

# Dane County Rezone Petition

<b>Application Date</b>	<b>Petition Number</b>
01/15/2026	DCPREZ-2026-12253
<b>Public Hearing Date</b>	
03/24/2026	

OWNER INFORMATION		AGENT INFORMATION	
OWNER NAME DANE COUNTY GROWERS	PHONE (with Area Code)	AGENT NAME STI HOLDINGS, INC. (PAUL PIGNET)	PHONE (with Area Code) (608) 873-2549
BILLING ADDRESS (Number & Street) 720 HILLSIDE RD		ADDRESS (Number & Street) 1800 GREENBRIAR DR	
(City, State, Zip) EDGERTON, WI 53534		(City, State, Zip) Stoughton, WI 53589	
E-MAIL ADDRESS		E-MAIL ADDRESS	

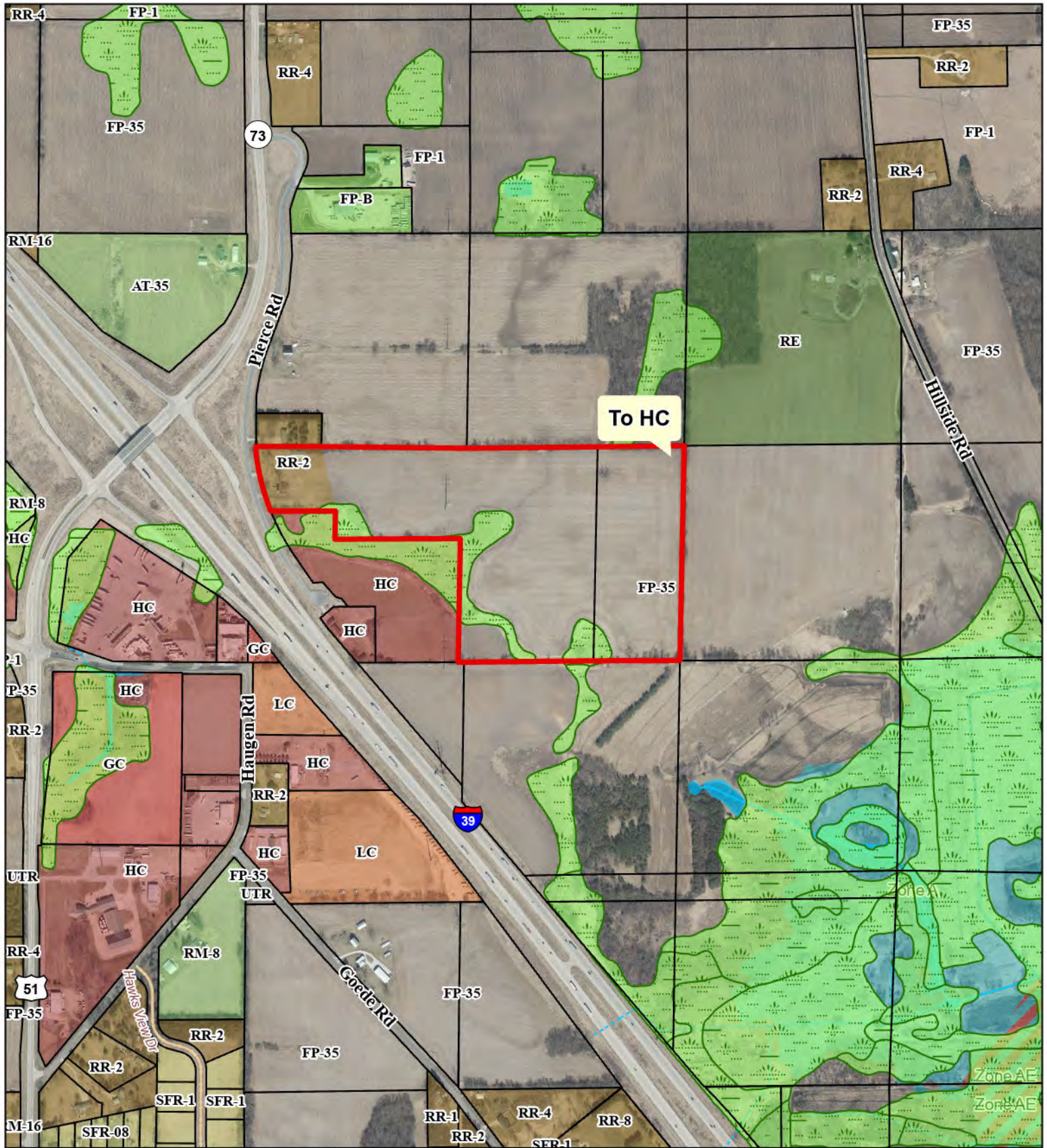
ADDRESS/LOCATION 1		ADDRESS/LOCATION 2		ADDRESS/LOCATION 3	
ADDRESS OR LOCATION OF REZONE		ADDRESS OR LOCATION OF REZONE		ADDRESS OR LOCATION OF REZONE	
444 Pierce Rd					
TOWNSHIP ALBION	SECTION 26	TOWNSHIP	SECTION	TOWNSHIP	SECTION
PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED	
0512-262-9000-1		0512-262-9500-6			

## REASON FOR REZONE

ZONING TO ALLOW A WAREHOUSING AND DISTRIBUTION CENTER FOR TRUCK TRAILERS

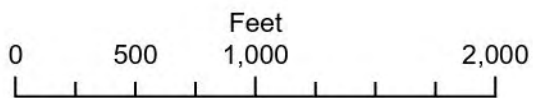
FROM DISTRICT:	TO DISTRICT:	ACRES
FP-35 Farmland Preservation District	HC Heavy Commercial District	52.2
RR-2 Rural Residential District	HC Heavy Commercial District	3.8

<b>C.S.M REQUIRED?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>PLAT REQUIRED?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>DEED RESTRICTION REQUIRED?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>INSPECTOR'S INITIALS</b>  RUH1	<b>SIGNATURE:(Owner or Agent)</b>  
Applicant Initials _____	Applicant Initials _____	Applicant Initials _____		<b>PRINT NAME:</b>  
<b>COMMENTS: PROPERTY IS SUBJECT TO WETLAND REGULATIONS PER DCCO CH. 11</b>				<b>DATE:</b>  



**CUP 12253**  
**DANE COUNTY GROWERS**

- Proposed Zoning Boundary
- Tax Parcel Boundary
- Wetland Class Areas
- 1% Annual Chance Flood Hazard
- Regulatory Floodway





**Dane County**  
**Department of Planning and Development**  
 Zoning Division  
 Room 116, City-County Building  
 210 Martin Luther King Jr. Blvd.  
 Madison, Wisconsin 53703  
 (608) 266-4266

Application Fees	
General:	\$395
Farmland Preservation:	\$495
Commercial:	\$545
<ul style="list-style-type: none"> <li>• PERMIT FEES DOUBLE FOR VIOLATIONS.</li> <li>• ADDITIONAL FEES MAY APPLY. CONTACT DANE COUNTY ZONING AT 608-266-4266 FOR MORE INFORMATION.</li> </ul>	

## REZONE APPLICATION

### APPLICANT INFORMATION

Property Owner Name:		Agent Name:	
Address (Number & Street):		Address (Number & Street):	
Address (City, State, Zip):		Address (City, State, Zip):	
Email Address:		Email Address:	
Phone#:		Phone#:	

### PROPERTY INFORMATION

Township:		Parcel Number(s):	
Section:		Property Address or Location:	

### REZONE DESCRIPTION

<p><b>Reason for the request.</b> In the space below, please provide a brief but detailed explanation of the rezoning request. Include both current and proposed land uses, number of parcels or lots to be created, and any other relevant information. For more significant development proposals, attach additional pages as needed.</p>	<p><b>Is this application being submitted to correct a violation?</b>          Yes <input type="checkbox"/> No <input type="checkbox"/></p>
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Existing Zoning District(s)	Proposed Zoning District(s)	Acres

**Applications will not be accepted until the applicant has contacted the town and consulted with department staff to determine that all necessary information has been provided. Only complete applications will be accepted. All information from the checklist below must be included. Note that additional application submittal requirements apply for commercial development proposals, or as may be required by the Zoning Administrator.**

<input type="checkbox"/> Scaled drawing of proposed property boundaries	<input type="checkbox"/> Legal description of zoning boundaries	<input type="checkbox"/> Information for commercial development (if applicable)	<input type="checkbox"/> Pre-application consultation with town and department staff	<input type="checkbox"/> Application fee ( <b>non-refundable</b> ), payable to the Dane County Treasurer
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I certify by my signature that all information provided with this application is true and correct to the best of my knowledge and understand that submittal of false or incorrect information may be grounds for denial. Permission is hereby granted for Department staff to access the property if necessary to collect information as part of the review of this application. Any agent signing below verifies that he/she has the consent of the owner to file the application.

Owner/Agent Signature \_\_\_\_\_

Date \_\_\_\_\_

## SUPPLEMENTAL INFORMATION FOR COMMERCIAL DEVELOPMENT

A scaled site plan and detailed operations plan must be submitted for commercial rezone applications. Please use the checklist below to ensure you are submitting all required information applicable to your request. Please attach the relevant maps and plans listed below to your application form.

**SCALED SITE PLAN. Show sufficient detail on 11" x 17" paper. Include the following information, as applicable:**

- Scale and north arrow
- Date the site plan was created
- Existing subject property lot lines and dimensions
- Existing and proposed wastewater treatment systems and wells
- All buildings and all outdoor use and/or storage areas, existing and proposed, including provisions for water and sewer.
- All dimension and required setbacks, side yards and rear yards
- Location and width of all existing and proposed driveway entrances onto public and private roadways, and of all interior roads or driveways.
- Location and dimensions of any existing utilities, easements or rights-of-way
- Parking lot layout in compliance with s. [10.102\(8\)](#)
- Proposed loading/unloading areas
- Zoning district boundaries in the immediate area. All districts on the property and on all neighboring properties must be clearly labeled.
- All relevant natural features, including navigable and non-navigable waters, floodplain boundaries, delineated wetland areas, natural drainage patterns, archeological features, and slopes over 12% grade
- Location and type of proposed screening, landscaping, berms or buffer areas if adjacent to a residential area
- Any lighting, signs, refuse dumpsters, and possible future expansion areas.

**NEIGHBORHOOD CHARACTERISTICS. Describe existing land uses on the subject and surrounding properties.**

- Provide a brief written statement explaining the current use(s) of the property on which the rezone is proposed.
- Provide a brief written statement documenting the current uses of surrounding properties in the neighborhood.

**OPERATIONAL NARRATIVE. Describe in detail the following characteristics of the operation, as applicable:**

- Hours of operation
- Number of employees, including both full-time equivalents and maximum number of personnel to be on the premises at any time
- Anticipated noise, odors, dust, soot, runoff or pollution and measures taken to mitigate impacts to neighboring properties.
- Descriptions of any materials stored outside and any activities, processing or other operations taking place outside an enclosed building
- Compliance with county stormwater and erosion control standards under [Chapter 11](#) of [Chapter 14](#), Dane County Code
- Sanitary facilities, including adequate private onsite wastewater treatment systems and any manure storage or management plans approved by the Madison and Dane County Public Health Agency and/or the Dane County Land and Water Resources Department.
- Facilities for managing and removal of trash, solid waste and recyclable materials.
- Anticipated daily traffic, types and weights of vehicles, and any provisions, intersection or road improvements or other measures proposed to accommodate increased traffic.
- A listing of hazardous, toxic or explosive materials stored on site, and any spill containment, safety or pollution prevention measures taken
- Outdoor lighting and measures taken to mitigate light-pollution impacts to neighboring properties
- Signage, consistent with section [10.800](#)

**ADDITIONAL PROPERTY OWNERS. Provide contact information for additional property owners, if applicable.**

<b>Additional Property Owner Name(s):</b>	
<b>Address (Number &amp; Street):</b>	
<b>Address (City, State, Zip):</b>	
<b>Email Address:</b>	
<b>Phone Number:</b>	

**STI Holdings Inc. (Stoughton Trailers) Rezone - Full Text from Application "Rezone Description" section:**

STI Holdings, Inc., the parent company for Stoughton Trailers, LLC, is considering purchasing the above parcels from Dane County Growers (Current Owner) totaling 55 Acres. The current owner has granted us permission to submit this application for the zoning change.

Current land use is as crop land. Surrounding uses are a mix of commercial and agricultural/open space purposes with a 2 acre parcel adjacent to the north that is zoned residential and has inhabited residence.

The intended use case is a 24 hr short-term and long term gravel storage lot for finished product of Stoughton Trailers (semi-trailers). There will be a small operational building (insert square footage) on the property for personnel. The building is planned to be served by existing traditional septic system well on the on the property if both are found to be in working order.

The property will be fenced and gated.

The small operational building will be lit with low lumen motion sensitive exterior lighting. The rest of the acreage will not require lighting.

Privacy screening will be implemented to be sensitive to the 2 acre parcel zoned residential (002/0512-262-8730-0) north of the the subject parcels.

Estimated traffic on Pierce Rd could be as much as 78 passes (ingress/egress) per day on certain customer pick up days.

The total acreage is 55 acres with with 5.53 acres of delineated wetlands. With setbacks this proves for +/- 43.27 acres suitable for the intended use. With required stormwater design, this leaves 32-35 acres available for trailer storage.

The total acreage of 55 acres is designated by the town of Albion's comprehensive plan as "existing near term commercial, commercial reserve overlay and resource protection area".

The Town of Albion has been made aware of our intent and declined a formal pre-application consultation. STI Holdings, had a preliminary application meeting with Dane County Zoning Administrators

See site plan for further information

## **Operational Narrative for STI Holdings Inc. (Stoughton Trailers, LLC) Intended use case of Parcel(s) on 44 Pierce Rd.**

### **1. Hours of Operation**

The proposed operation will function 24 hours per day, 7 days per week, 365 days per year. While the site will be accessible at all times, activity levels will vary by time of day, and peak operational activity is not expected to occur continuously throughout the 24-hour period.

### **Employees and On-Site Personnel**

The facility will employ approximately 5 full-time equivalent (FTE) employees across 2 shifts. The maximum number of individuals on the premises at any one time, including employees, contractors, and visitors, is anticipated to be no more than 10 persons.

### **2. Noise, Odors, Dust, Runoff, and Pollution**

Noise associated with the operation will primarily result from semi-tractor traffic entering and exiting the site via Pierce Road. No manufacturing, fabrication, repair, or processing activities will occur on site.

No odors, soot, or airborne emissions are anticipated. Dust associated with the gravel lot will be minimized through routine gravel maintenance and dust control measures as needed. On-site operations will include posted speed limits and idling-minimization practices to further reduce noise and dust impacts. Stormwater runoff will be managed through engineered stormwater controls as described below.

### **3. Outdoor Storage and Outdoor Operations**

The property will be used as a semi-trailer storage lot. Semi-trailers will be stored outdoors on a gravel surface. Outdoor activities will be limited to the movement, staging, and retrieval of trailers using yard trucks or customer tractors. No repair, modification, washing, fueling (other than the yard truck), or processing of trailers will take place either outdoors or within enclosed buildings.

### **Stormwater and Erosion Control**

The site will be developed as a gravel lot and will include stormwater detention and infiltration ponds designed and constructed in compliance with Dane County stormwater management and erosion control standards, including applicable provisions of Chapter 11 of Chapter 14 of the Dane County Code. A stormwater and erosion control plan will be submitted for county review and approval as required.

#### **4. Sanitary Facilities and Wastewater**

Existing private onsite wastewater treatment systems (POWTS) located on the property will be utilized, subject to verification that they are in good working order and compliant with applicable regulations. If the existing system is determined to be inadequate, upgrades or replacement will be completed as required by Madison and Dane County Public Health. No manure storage or agricultural waste management activities are proposed.

#### **5. Trash, Solid Waste, and Recycling**

Trash generation is expected to be minimal, limited to routine waste associated with staffing of the guard shack / distribution building, which typically has 2 to 3 personnel on site at any given time. Trash and recyclable materials will be stored in appropriate containers and removed by standard waste service providers on an as-needed basis.

#### **6. Traffic and Transportation**

The operation is anticipated to generate approximately 77 total vehicle passes per day, primarily associated with servicing dealer customers who require extended holding periods for newly manufactured trailers prior to pickup. Traffic will consist primarily of semi-tractors hauling unloaded semi-trailers, as well as limited employee and visitor vehicle traffic.

The average unloaded weight of a 53-foot semi-trailer is approximately 12,000 pounds, and the average weight of a road-legal semi-tractor is approximately 18,000 pounds, resulting in typical combined vehicle weights of approximately 30,000 pounds. Many vehicle movements consist of short-duration yard movements or pickups that are distributed throughout the day, reducing peak-hour impacts. No vehicle queuing on Pierce Road is anticipated. No roadway or intersection improvements are proposed beyond standard driveway access compliant with local requirements.

#### **7. Hazardous, Toxic, or Regulated Materials**

No hazardous, toxic, or explosive materials will be stored on site. The only regulated material anticipated is a diesel fuel tank used to fuel a yard truck for moving trailers within the storage lot. The tank will be managed in accordance with applicable regulations and will include required spill prevention and secondary containment measures.

#### **8. Outdoor Lighting**

Outdoor lighting will be limited to the guard building and the nearby staging area. Lighting will be low-lumen, fully shielded, and directed downward to minimize light spill beyond the

site boundaries. Lighting will be controlled through timers and/or motion sensors where feasible to further reduce light-pollution impacts to neighboring properties.

## **9. Signage**

Signage is intended to serve identification, directional, and informational purposes, and is not intended to function as off-site advertising. Signage may include building-mounted signage, gate signage, and one larger freestanding sign, which may be illuminated.

Any freestanding or illuminated signage, including a larger sign, will be designed, located, and operated to minimize visual and light impacts on neighboring residential properties. Measures may include, but are not limited to, setbacks from residential parcels, shielding, downward-directed lighting, limited luminance levels, and automatic shut-off or dimming during overnight hours. All signage will be consistent with and subject to approval under Section 10.800 of the applicable zoning ordinance.



# GENERAL BUILDING SPECIFICATIONS

## DIVISION 00 PROCUREMENT AND CONTRACTING

### 00 72 00 GENERAL CONDITIONS

- The AIA GENERAL CONDITIONS AS OF THE LATEST EDITION IS A PART OF THESE DOCUMENTS. COPIES ARE ON FILE AT THE OFFICE OF EXCEL ENGINEERING, INC.

### 00 73 16 INSURANCE REQUIREMENTS

- PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL SUBMIT TO THE OWNER CERTIFICATE OF INSURANCE FOR NOT LESS THAN THE FOLLOWING LIMITS:
  - WORKER'S COMPENSATION AND EMPLOYERS LIABILITY:
    - PER STATUTORY LIMITS
  - COMMERCIAL GENERAL LIABILITY:
    - GENERAL AGGREGATE LIABILITY: \$1,000,000
    - PRODUCTS AND COMPLETED OPERATIONS AGGREGATE: \$2,000,000
    - PERSONAL AND ADVERTISING INJURY: \$1,000,000
  - EACH OCCURRING:
    - CONTRACTOR SHALL EXCEL ENGINEERING, INC. AS ADDITIONAL INSURED.

## DIVISION 01 GENERAL REQUIREMENTS

### 01 11 00 SUMMARY OF WORK

- THE PLANS AND SPECIFICATIONS ARE INTENDED TO GIVE A DESCRIPTION OF THE WORK. NO DEVIATION FROM THE PLANS AND SPECIFICATIONS SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF EXCEL ENGINEERING, INC. THE CONTRACTOR TO CLARIFY ANY DISCREPANCY WITH EXCEL ENGINEERING, INC. PRIOR TO BEGINNING THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS AND ACCESS TO THE WORK AREA.
- REFERENCE TO "GENERAL CONTRACTOR" OR "GC" IN THE CONSTRUCTION DOCUMENTS IS INTENDED TO REFLECT THE CONTRACTOR RESPONSIBLE FOR OVERALL COORDINATION AND COORDINATION OF THE WORK. THE "GC" COULD BE A GENERAL CONTRACTOR, CONSTRUCTION MANAGER OR ANY OTHER CONTRACTOR RESPONSIBLE FOR THE OVERALL PROJECT. IT IS THE RESPONSIBILITY OF THE GC TO ASSIGN RESPONSIBILITY FOR ALL WORK.
- THE FOLLOWING LIST IS INTENDED TO AID THE GC IN ASSIGNING THE SUBJECT CONTRACTORS REGARDING RESPONSIBILITY OF WORK. THE DRAWINGS MAY OR MAY NOT IDENTIFY RESPONSIBILITY FOR THESE SCOPES OF WORK. THE LIST IS INTENDED TO INCLUDE ITEMS WHICH HAVE TYPICAL BEEN DETEILED TO BE "BY GC" OR "BY OTHER". THIS LIST IS INTENDED TO PROVIDE THE GC AN AID TO ASSIGN THIS SCOPE OF WORK IS PROPERLY BID. THE LIST IS NOT INTENDED TO BE ALL INCLUSIVE AND IT REMAINS THE RESPONSIBILITY OF THE GC TO ENSURE ALL SCOPES OF WORK ARE ASSIGNED AND PROVIDED.
  - TEMPORARY ELECTRICAL SERVICE
  - TEMPORARY HEATING
  - TEMPORARY WATER
  - TEMPORARY TOILETS
  - PERMITS, CODES, ORDINANCES AND SALES TAX
  - INTERIOR CONCRETE EQUIPMENT
  - EXTERIOR CONCRETE EQUIPMENT PADS AND POLE BASES
  - OPENINGS IN EXISTING CONSTRUCTION
  - SMALL OPENINGS IN METAL DECK
  - OPENINGS IN PRECAST PAVEMENT AND DOUBLE TEES
  - DRILLING HOLES IN PRECAST WALLS, PLANKS AND DOUBLE TEES
  - PIPS RELIEFS IN MASONRY, POURED CONCRETE AND FOUNDATION WALLS
  - BOX OUT OPENINGS IN POURED CONCRETE AND FOUNDATION WALLS
  - PATCHING OPENINGS IN WALLS AND ROOF
  - SAW CUTTING AND REMOVAL OF FLOORING AND UTILITIES
  - CONCRETE FLOOR REPLACEMENT WHERE SAWCUT
  - INSTALLATION OF CEILING AND ACCESS PANELS
  - INSTALLATION OF ROOF CURBS AND ASSOCIATED BLOCKING
  - PAINTING
  - SEALANTS
  - TUB SHOWERS, MOP SINK, FLOOR DRAIN SAVING
  - WATERPROOF MEMBRANES AT ABOVE GRADE FLOORS.

### 01 11 13 WORK COVERED BY THE CONSTRUCTION DOCUMENTS

- THE FOLLOWING IS A GENERAL LIST OF WORK COVERED BY THE CONSTRUCTION DOCUMENTS. NOTE THAT THIS LISTING IS NOT ALL INCLUSIVE OF THE WORK TO BE PERFORMED. THE CONTRACTOR IS STILL RESPONSIBLE FOR PROVIDING ALL WORK AS REFERRED IN THE CONSTRUCTION DOCUMENTS.
  - GENERAL REQUIREMENTS
  1. SITE DEMOLITION
  2. EARTHWORK
  3. SITE UTILITIES
  4. ROUGH CARPENTRY
  5. CONCRETE CURBS
  6. EXTERIOR CONCRETE
  7. INTERIOR FINISH CARPENTRY MATERIALS (604)
  8. CHAIN-LINK FENCES AND GATES
  9. DUMPER ENCLOSURES AND
  10. WEATHER BARRIERS (704)
  11. SOIL STABILIZATION
  12. CONCRETE
  13. CAST-IN-PLACE CONCRETE
  14. CONCRETE FLOOR TOPPING
  15. MASONRY
  16. CAST STONE
  17. METALS
  18. STEEL DECK
  19. WOODS AND PLASTICS
  20. MISCELLANEOUS CARPENTRY
  21. WOOD TRUSSES
  22. FINISH CARPENTRY
  23. EXTERIOR ARCHITECTURAL WOODWORK
  24. INTERIOR ARCHITECTURAL WOODWORK AND DOORS
  25. THERMAL AND MOISTURE PROTECTION:
    - WATERPROOFING
    - BUILDING INSULATION
    - SHEET METAL FLASHING AND TRIM
    - ROOF VENTS
    - JOINT SEALING
    - DOORS AND WINDOWS:
      - STEEL DOORS AND FRAMES
      - ALUMINUM FRAMED ENTRANCES AND STOREFRONTS
      - FINISH HARDWARE
      - GLAZING
  26. FINISHES:
    - PLASTER
    - GYPSUM BOARD
    - CEILING
    - POURCLAIN TILE
    - PARTING AND STAIRS
    - FINISH TILES:
      - TOILET AND BATH ACCESSORIES
  27. MECHANICAL:
    - ACoustical TREATMENT
    - FIRE PROTECTION
    - HVAC
    - ELECTRICAL

### 01 11 16 WORK BY OTHER

- THE OWNER WILL BE RESPONSIBLE FOR THE FOLLOWING COSTS AND WORK WHICH ARE NOT PART OF THE CONTRACT DOCUMENTS. CONTRACTOR SHALL ASSIST THE OWNER IN COORDINATING THE SERVICE WORK LISTED AS REQUIRED.
  - BUILDER'S RISK INSURANCE
  - GAS UTILITY SERVICE AND ASSESSMENTS
  - ELECTRIC UTILITY SERVICE AND ASSESSMENTS
  - TELEPHONE UTILITY SERVICE AND ASSESSMENTS
  - CABLE UTILITY SERVICE AND ASSESSMENTS
  - IMPACT FEES
  - SURVEY CERTIFICATION
  - LANDSCAPING
  - EXTERIOR SIGNAGE
  - TELEPHONE SYSTEM
  - SECURITY SYSTEM
  - A/V EQUIPMENT
  - INTERCOM
  - LOUD SYSTEM
  - DATA AND COMPUTER WIRING AND SYSTEMS
  - FURNITURE AND FURNISHINGS:
    - OFFICE FURNITURE
    - TABLES AND CHAIRS
    - ARTWORK
  - WINDOW TREATMENTS
  - ACoustical TREATMENT
  - UNINTERRUPTIBLE POWER SUPPLY (UPS)
  - KITCHEN EQUIPMENT AND APPLIANCES
  - FIRE EXTINGUISHERS AND CABINETS

### 01 23 00 ALTERNATE BIDS

- ALTERNATE BID NO. 1 PROVIDE COSTS TO POWER EXISTING FENCE MOUNTED LED LIGHTING FROM 120/208V LIGHTING PANEL (80W) IN PLANT & MOP SINK AREAS SHOWN ON P. 10.
- ALTERNATE BID NO. 2 ALL WORK REGARDING PLANT & MOP SINK VESTIBULES SHEET A1.2 & A1.3
- ALTERNATE BID NO. 3 CONTRACTOR TO FELD VERIFY THE EXISTING ASPHALT IN THE NORTHEAST TURNSTILE AREA FOR COMPLIANCE WITH ADA STANDARDS AND PROVIDE ALTERNATE PAVING FOR MODIFICATION OF THIS AREA. ALTERNATE PRICING TO REFLECT ASPHALT REMOVAL AND REPLACEMENT ONLY AS NECESSARY FOR THE NORTHEAST TURNSTILE PAD INSTALL WITH NO ADDITIONAL NEW CONCRETE PAVING IN THIS AREA.
- UNIT PRICE NO. 1 PROVIDE HOURLY LABOR RATE FOR ACCESS CONTROL SYSTEM ENHANCEMENT AS IDENTIFIED IN SPECIFICATION SECTION 28.10.00.

### 01 23 13 PRODUCT SUBSTITUTION PROCEDURES

- REFERENCE TO MATERIALS OR SYSTEMS HEREBY BY NAME, TRADE OR CATALOG NUMBER IS INTENDED TO ESTABLISH A QUALITY STANDARD, AND NOT TO LIMIT COMPETITION. THE WORKER OR APPROVED EQUIPMENT ARE IMPLIED FOLLOWING EACH BRAND NAME, MODEL, NUMBER, UNLESS STATED OTHERWISE. "OR APPROVED EQUIPMENT" MATERIALS SHALL BE APPROVED BY EXCEL ENGINEERING, INC. PRIOR TO BIDS BEING ACCEPTED AND ACCEPTANCE FOR USE. PROVIDE A LETTER FROM THE MANUFACTURER CERTIFYING THAT THE PRODUCT MEETS OR EXCEEDS THE SPECIFIED PRODUCT.

### 01 31 00 PROJECT MANAGEMENT AND COORDINATION

- THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR AND SHALL HAVE CONTROL OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND SAFETY PRECAUTIONS AND PROCEDURES USED TO CONSTRUCT THE WORK.

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL (INCLUDING TAXES) AND EQUIPMENT AS NECESSARY TO COMPLETE THE WORK. PERMITS SHALL BE OBTAINED AND PAID FOR BY THE RESPECTIVE CONTRACTOR, INCLUDING TEMPORARY OCCUPANCY PERMITS THAT WILL BE REQUIRED TO COMPLETE THE WORK.
- AUTOCAD FILES OF CONSTRUCTION DOCUMENTS MAY BE OBTAINED BY CONTACTING EXCEL ENGINEERING, INC. REVIT FILES WILL NOT BE MADE AVAILABLE. AUTOCAD FILE REQUESTS SHALL BE EMAILED TO EXCEL PROJECT MANAGER AND PROJECT ASSISTANT AND SHALL INCLUDE THE FOLLOWING INFORMATION:
  - EXCEL ENGINEERING PROJECT NAME
  - EXCEL ENGINEERING PROJECT NUMBER
  - SHEET NUMBERS REQUESTED
- AUTOCAD FILES REQUEST SHALL BE MADE TO:
  - PROJECT MANAGER: TOM SCHERMERHORN AT [Tom@ExcelEngineering.com](mailto:Tom@ExcelEngineering.com)
  - PROJECT ASSISTANT: KELLY KENIGEN AT [Kelly@ExcelEngineering.com](mailto:Kelly@ExcelEngineering.com)
- AUTOCAD FILES WILL BE SENT BY METHOD OF EXCEL ENGINEERING, INC. CHOOSING AS SOON AS POSSIBLE.
- AUTOCAD FILES SHALL NOT BE USED FOR COMPONENT SUBMITTALS OR SHOP DRAWINGS. SUBMITTALS AND SHOP DRAWINGS USING EXCEL ENGINEERING, INC. CAD FILES WILL BE RETURNED REJECTED AND UN-REVIEWED.
- ALL "REQUEST FOR INFORMATION" (RFI) SHALL BE MADE THROUGH THE GENERAL CONTRACTOR / CONSTRUCTION MANAGER FOR LOGGING AND TRACKING PURPOSES. RFIs SHALL BE SUBMITTED TO THE EXCEL ENGINEERING PROJECT ASSISTANT. RFIs SHALL BE SUBMITTED ON AN ARCHITECT APPROVED FORM, NUMBER SEQUENCE AND INCLUDE THE FOLLOWING INFORMATION:
  - EXCEL ENGINEERING PROJECT NAME
  - EXCEL ENGINEERING PROJECT NUMBER
  - DIVISION OF CONSTRUCTION REFERENCED
  - POTENTIAL SCHEDULE IMPACTS
  - POTENTIAL COST IMPACTS OF ANY SUGGESTED ALTERNATES FROM THE CONSTRUCTION DOCUMENTS

### 01 32 00 SCHEDULING OF WORK

- THE CONTRACTOR SHALL OBTAIN THE OWNER'S APPROVAL OF THE CONSTRUCTION SCHEDULE PRIOR TO PROCEEDING WITH THE WORK.

### 01 33 23 SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

- SUBMIT FOR APPROVAL ARCHITECTURAL, CIVIL, STRUCTURAL, HVAC, PLUMBING, FIRE PROTECTION AND ELECTRICAL SHOP DRAWINGS, PRODUCT DATA, TEST RESULTS AND SAMPLES INDICATED IN THE CONSTRUCTION ADMINISTRATION SUBMITTAL LIST (CASL). SEE DISCIPLINE SPECIFICATIONS FOR DISCIPLINE SPECIFIC CASL.
- CONCRETE SUBMITTALS SHALL BE MADE TO EXCEL ENGINEERING, INC. FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
- SUBMITTALS SHALL BE MADE BY ELECTRONIC SUBMISSION IN PORTABLE DOCUMENT FORMAT (PDF) UNLESS NOTED OTHERWISE. WHEN HARD COPY SUBMISSIONS ARE REQUIRED, COORDINATE WITH EXCEL ENGINEERING, INC. PRIOR TO SUBMISSION.
  - REVISIONS
  - TEMPORARY HEATING
  - TEMPORARY WATER
  - TEMPORARY TOILETS
  - PERMITS, CODES, ORDINANCES AND SALES TAX
  - INTERIOR CONCRETE EQUIPMENT
  - EXTERIOR CONCRETE EQUIPMENT PADS AND POLE BASES
  - OPENINGS IN EXISTING CONSTRUCTION
  - SMALL OPENINGS IN METAL DECK
  - OPENINGS IN PRECAST PAVEMENT AND DOUBLE TEES
  - DRILLING HOLES IN PRECAST WALLS, PLANKS AND DOUBLE TEES
  - PIPS RELIEFS IN MASONRY, POURED CONCRETE AND FOUNDATION WALLS
  - BOX OUT OPENINGS IN POURED CONCRETE AND FOUNDATION WALLS
  - PATCHING OPENINGS IN WALLS AND ROOF
  - SAW CUTTING AND REMOVAL OF FLOORING AND UTILITIES
  - CONCRETE FLOOR REPLACEMENT WHERE SAWCUT
  - INSTALLATION OF CEILING AND ACCESS PANELS
  - INSTALLATION OF ROOF CURBS AND ASSOCIATED BLOCKING
  - PAINTING
  - SEALANTS
  - TUB SHOWERS, MOP SINK, FLOOR DRAIN SAVING
  - WATERPROOF MEMBRANES AT ABOVE GRADE FLOORS.
- REVISIONS SHALL BE MADE USING APPROVED SUBMITTAL FORM CONTAINING AT MINIMUM THE FOLLOWING INFORMATION:
  - EXCEL ENGINEERING PROJECT NAME
  - EXCEL ENGINEERING PROJECT NUMBER
  - SUBMITTAL DIVISION OF CONSTRUCTION
  - MATERIAL SUPPLIER / SUB CONTRACTOR
  - SUBMITTAL DESCRIPTION (I.E. CONCRETE MIX DESIGN)
- SUBMITTALS SHALL BE REVIEWED AND STAMPED BY THE CONTRACTOR PRIOR TO SUBMITTING FOR APPROVAL. CONTRACTOR SHALL COMPLETE ALL SPECIFICATIONS PRIOR TO SUBMITTAL SUBMISSION.
- SUBMITTALS MUST BE 100% FULLY COMPLETED AND IN ONE (1) PACKAGE FOR THE ITEM BEING SUBMITTED. NON-COMplete SUBMITTALS WILL BE RETURNED TO THE CONTRACTOR WITHOUT COMMENT AND STAMPED "RECEIVED-SUBMIT". CONTRACTORS WHO KNOWINGLY WANT TO SUBMIT NON-COMplete SUBMITTALS OR BREAK SINGLE SYSTEM SUBMITTALS INTO MULTIPLE SUBMITTALS WILL BE RESPONSIBLE FOR ARRANGING WITH EXCEL ENGINEERING, INC. PRIOR TO SUBMITTING THE SUBMITTALS TO MAKE THE APPROPRIATE ARRANGEMENT.
- SHOP DRAWINGS SHALL CLEARLY INDICATE SPECIFIC MODEL BEING PROVIDED WHERE CUT SHEETS SHOW MULTIPLE MODELS.
  - FAILURE TO SUBMIT SHOP DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING THE SPECIFIED EQUIPMENT AND MATERIALS.
  - PHYSICAL SAMPLES FOR FINISHES ARE TO BE SUBMITTED TO EXCEL ENGINEERING, INC. FOR APPROVAL PRIOR TO INSTALLATION.
  - BUILDING COMPONENTS REQUIRING SUBMISSION "FOR RECORD" TO THE AUTHORITY HAVING JURISDICTION REQUIRE SEALED AND SIGN HARD COPIES, PROVIDE THREE (3) HARD COPIES WITH MET SEAL AND ORIGINAL SIGNATURE.
  - TEST RESULTS SHALL BE SUBMITTED FOR REVIEW WITHIN 24 HOURS OF COMPLETION OF TEST.
  - CONTRACTOR SHALL ALLOW 10 WORKING DAYS IN-SCHEDULE FOR A/E TO REVIEW SUBMITTALS. IF SUBMITTALS REQUIRE AN EXPEDITED REVIEW PROCESS, CONTACT EXCEL ENGINEERING, INC. PRIOR TO SUBMITTING THE SUBMITTALS TO MAKE THE APPROPRIATE ARRANGEMENT.
  - SUBMITTALS REQUIRING RESUBMISSION SHALL BE CHANGED MANES TO A PREVIOUSLY REVIEWED SUBMITTAL. REVISED WITH REVISION CLOUDS AND TAGS IDENTIFYING CHANGES MADE.

- ARCHITECTURAL CONSTRUCTION ADMINISTRATION SUBMITTAL LIST:
  - UNIT MASONRY (404)
  - BRICK (404)
  - CAST STONE (404)
  - ROUGH CARPENTRY MATERIALS (604)
  - INTERIOR FINISH CARPENTRY MATERIALS (604)
  - WATERPROOFING (704)
  - INSULATION (704)
  - WEATHER BARRIERS (704)
  - AIR AND MOISTURE BARRIERS (704)
  - MEMBRANE ROOFING SYSTEMS (704)
  - ROOFING ACCESSORIES (704)
  - SEALANTS (704)
  - SLAB ON GRADE FLOOR FINISHES (804)
  - ALUMINUM FRAMED ENTRANCES AND STOREFRONTS (804)
  - DOOR HARDWARE (804)
  - GLAZING (804)
  - GYPSUM BOARD (904)
  - TILING (904)
  - PARTING SYSTEMS (904)
  - STORAGE (1004)
  - FIRE EXTINGUISHERS (1004)
  - FLAC POLES (1004)
  - TOILET ACCESSORIES (1004)
- STRUCTURAL CONSTRUCTION ADMINISTRATION SUBMITTAL LIST:
  - GEOTECHNICAL REPORT (1104)
  - SOIL COMPACTION TEST REPORTS (1104)
  - CONCRETE MIX DESIGNS (104)
  - CONCRETE TEST REPORTS FOR SLUMP, AIR ENTRAINMENT AND COMPRESSIVE STRENGTH (304)
  - CONCRETE FOUNDATION POUR SCHEDULE INCLUDING YARDS TO BE PLACED (304)
  - SLAB ON GRADE POUR SCHEDULE, INCLUDING YARDS TO BE PLACED (304)
  - SLAB ON GRADE JOINT LAYOUT PLAN (304)
  - CONCRETE REINFORCEMENT (304)
  - CONCRETE MASONRY UNITS (404)
  - POST INSTALLED ANCHORS (304)
  - STEEL DECK (304)
  - LIGHT GAGE FRAMING SYSTEMS (304)
- STRUCTURAL AND ARCHITECTURAL FINISHES SHOW DIMENSIONS AND ELEVATIONS TO SIGNIFICANT WORKING POINTS. SHOP DRAWING DETAILERS AND CONTRACTORS ARE RESPONSIBLE FOR THE DETERMINATION OF ALL DIMENSIONS, PITCHES, ELEVATIONS, ETC. BEYOND THOSE NOTED AS NECESSARY TO THOROUGHLY DETAIL / FABRICATE THEIR WORK. CONTACT A/E WITH ANY DISCREPANCIES FOUND.
- IN NO CASE SHALL CHANGES BE MADE TO WORKING OR PROCEDURE SPECIFIED ON STRUCTURAL PLANS UNLESS FIRST APPROVED IN WRITING BY A/E. REVIEW OF SHOP DRAWINGS BY A/E DOES NOT CONSTITUTE ACCEPTANCE OF A DESIGN CHANGE. PROPOSED CHANGES BY CONTRACTOR MUST BE SUBMITTED IN WR FORM AND MUST BE APPROVED IN THE SAME MANNER. CONTRACTOR REQUESTING CHANGE MAY BE BILLED ON A TIME AND EXPENSE BASIS BY A/E FOR ALL DESIGN WORK, AND FOR ALL NEW SKETCHES PREPARED, AND FOR ALL ADDITIONAL REVIEW TIME RELATED TO THE CHANGES.

### 01 40 00 QUALITY REQUIREMENTS

- IN AS MUCH AS THE SPECIFICATIONS ARE BRIEF, THE CONTRACTOR SHALL PROVIDE WORKMANSHIP THAT IS NEAT, SECURE AND OF THE BEST QUALITY WITH THE BEST POSSIBLE APPEARANCE AND UTILITY MEETING ALL APPLICABLE STANDARDS. FAULTY WORK SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER. INDUSTRY STANDARDS SHALL BE USED AS THE GUIDE FOR QUALITY OF MATERIALS AND WORKMANSHIP.

### 01 41 00 REGULATORY REQUIREMENTS

- ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS, INCLUDING THE REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT (ADA) ARE MADE PART OF THESE SPECIFICATIONS AND SHALL BE COMPLIED WITH AS FAR AS THEY APPLY TO UNDER THIS CONTRACT.

### 01 45 00 QUALITY CONTROL

- THE CONTRACTOR SHALL CONTRACT EXCEL ENGINEERING, INC. (I) WORKING DAYS PRIOR TO POURING CONCRETE FOOTINGS AND BEFORE THE STRUCTURAL SYSTEM IS BEING ENCLOSED. A FINAL INSPECTION WILL BE MADE BY EXCEL ENGINEERING, INC. UPON COMPLETION OF THE WORK.
- NOTIFY ARCHITECT ONE WEEK IN ADVANCE TO SCHEDULE FINAL COMPLIANCE WALK THRU PRIOR TO THIS WALK THRU. PROVIDE THE ARCHITECT WITH THE FOLLOWING INFORMATION:
  - INSPECTION REPORT AS APPLICABLE. ALL COMPONENT SUBMITTALS SHALL BE FILED AND AVAILABLE FOR REVIEW AT THE WALK THRU. THE BUILDING SHALL BE COMPLETE AND ALL SYSTEMS OPERATIONAL AT THE TIME OF THE WALK THRU. IF THE ARCHITECT IS REQUESTED TO MAKE ADDITIONAL VISITS DUE TO NON-COMPLIANCE, THEY WILL BE CHARGED TO THE REQUESTING CONTRACTOR.

### 01 52 00 CONSTRUCTION FACILITIES

- THE CONTRACTOR SHALL FURNISH TEMPORARY PROTECTION, TOILET FACILITIES, WORKING TELEPHONE, ELECTRICITY, HEAT, WATER AND FIRE EXTINGUISHERS AS REQUIRED FOR COMPLETION OF THE WORK UNLESS THE OWNER HAS AGREED IN WRITING TO FURNISH OR MAKE AVAILABLE ANY OF THE ABOVE ITEMS.

### 01 53 00 TEMPORARY CONSTRUCTION

- THE CONTRACTOR SHALL FURNISH TEMPORARY BRACING OF ALL BUILDING MEMBERS DURING CONSTRUCTION. TEMPORARY BRACING SYSTEMS SHALL BE DESIGNED AND INSTALLED BY A PROFESSIONAL ENGINEER. THE CONTRACTOR SHALL RETAIN SERVICES OF A PROFESSIONAL ENGINEER TO DESIGN AND SUPERVISE BRACING INSTALLATION IF THEY DO NOT HAVE THE EXPERTISE REQUIRED.

### 01 71 00 FIELD ENGINEERING

- THE CONTRACTOR SHALL PROVIDE ALL LAYOUT AS REQUIRED, COMPETENT ON SITE SUPERVISION, AND BROOM CLEANING OF CONSTRUCTION SITE INCLUDING SPOTTERS FOR REFUGE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY ON SITE AND PROTECTION OF SITE PER LOCAL, STATE AND FEDERAL REGULATIONS.

### 01 78 00 CLOSET/UT SUBMITTALS

- THE CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS REFLECTING ALL CHANGES DURING CONSTRUCTION. PROVIDE TWO (2) COPIES OF OPERATING AND MAINTENANCE MANUALS TO OWNER FOR ALL FURNISHED EQUIPMENT.

### 01 78 36 WARRANTIES

- THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION OF THE PROJECT. FURNISH MANUFACTURER'S WRITTEN WARRANTIES FOR SPECIFIED EQUIPMENT STATING EFFECTIVE WARRANTY DATE.

## DIVISION 02 EXISTING CONDITIONS

### 02 41 19 SELECTIVE STRUCTURAL DEMOLITION

- CONDUCT DEMOLITION AND DEBRIS REMOVAL OPERATIONS TO INSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.

- IT IS UNKNOWN WHETHER HAZARDOUS MATERIALS WILL BE ENCOUNTERED, DO NOT DISTURB, IMMEDIATELY NOTIFY AGENCY AND OWNER.
- TEMPORARY OCCUPANCY PERMITS AND EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS SHOWN ON THE DEMOLITION PLANS. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS.
- PROTECT EXISTING MATERIALS INDICATED TO BE REUSED, SALVAGED, REINTEGRATED OR TO REMAIN OWNER'S PROPERTY. REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA APPROVED LANDFILL.

## DIVISION 03 CONCRETE

### 03 00 00 CAST-IN-PLACE CONCRETE

- DESIGN AND CONSTRUCTION OF ALL CAST-IN-PLACE CONCRETE WORK SHALL CONFORM TO ACI 318 BUILDING CODE AND CRSI MANUAL OF STANDARD PRACTICE.
- CONCRETE SLAB CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF GEOTECHNICAL REPORT OR CONSTRUCTION DOCUMENTS.
- DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C94.

- GROUP A — FOOTINGS:
  - EXPOSURE CLASS: ACI 318 (F9)
  - MINIMUM COMPRESSIVE STRENGTH: 3000 PSI AT 28 DAYS
  - MAXIMUM WATER/CEMENT RATIO: NONE
  - MAXIMUM AGGREGATE SIZE: 1 1/2"
  - AIR CONTENT: N/A
- GROUP B — INTERIOR SLABS ON GRADE AND HOUSEKEEPING PADS (6" THICKNESS OR LESS):
  - EXPOSURE CLASS: ACI 318 (F9)
  - MINIMUM COMPRESSIVE STRENGTH: 3500 PSI AT 28 DAYS
  - MAXIMUM WATER/CEMENT RATIO: NONE
  - MAXIMUM AGGREGATE SIZE: 3/4"
  - AIR CONTENT: N/A
- GROUP C — INTERIOR WALLS, PIERs, COLUMNS, BEAMS, AND STRUCTURAL SLABS:
  - EXPOSURE CLASS: ACI 318 (F9)
  - MINIMUM COMPRESSIVE STRENGTH: 4000 PSI AT 28 DAYS
  - MAXIMUM WATER/CEMENT RATIO: NONE
  - MAXIMUM AGGREGATE SIZE: 3/4"
  - AIR CONTENT: N/A
- GROUP E — INTERIOR CONCRETE FILLED METAL DECK AND PRECAST TOPPINGs:
  - EXPOSURE CLASS: ACI 318 (F9)
  - MINIMUM COMPRESSIVE STRENGTH: 4000 PSI AT 28 DAYS
  - MAXIMUM WATER/CEMENT RATIO: NONE
  - MAXIMUM AGGREGATE SIZE: 3/4"
  - AIR CONTENT: N/A
- GROUP G — EXTERIOR WALLS, PIERs, COLUMNS, BEAMS, AND STRUCTURAL SLABS:
  - EXPOSURE CLASS: ACI 318 (F9)
  - MINIMUM COMPRESSIVE STRENGTH: 4500 PSI AT 28 DAYS
  - MAXIMUM WATER/CEMENT RATIO: 0.45
  - MAXIMUM AGGREGATE SIZE: 3/4"
  - AIR CONTENT: 6.0% (+/- 1.5%) AT POINT OF DELIVERY
- GROUP H — ALL EXTERIOR CONCRETE EXPOSED TO FREEZING, THAWING, AND DEICING SALTS (I.E. EXPOSED WALLS, PIERs, ETC. THAT IS SUBJECTED TO FAVED SURFACES WHERE DEICING SALTS MAY BE USED):
  - MINIMUM COMPRESSIVE STRENGTH: 5000 PSI AT 28 DAYS
  - MAXIMUM WATER/CEMENT RATIO: 0.40
  - AIR CONTENT: 6.0% (+/- 1.5%) AT POINT OF DELIVERY
- SLUMP LIMIT SHALL BE 4" (+/- 1") FOR CONCRETE WITH VERIFIED SLUMP OF 7" TO 4" BEFORE ADDING HIGH-RANGE WATER-REDUCING ADMIXTURE OR PLASTICIZING ADMIXTURE.
- CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED WITH AIR CONTENT SPECIFIED IN DESIGN MIX GROUPs ABOVE. NO OTHER ADMIXTURES SHALL BE USED WITHOUT APPROVAL OF EXCEL ENGINEERING, INC. CALCIUM CHLORIDE SHALL NOT BE USED.
- CEMENTitious MATERIALS: LIMIT PERCENTAGE, BY WEIGHT, OF CEMENTitious MATERIALS OTHER THAN PORTLAND CEMENT TO CONCRETE TO MAXIMUM PERCENTAGE (BY WEIGHT) AS FOLLOWS:
  - FLY ASH OR OTHER POZZOLANs: 25 PERCENT BY MASS
  - SLAG CEMENT: 30 PERCENT BY MASS
  - TOTAL OF FLY ASH OR OTHER POZZOLANs, SLAG CEMENT: 50 PERCENT BY MASS, WITH FLYASH OR POZZOLANs NOT EXCEEDING 25 PERCENT BY MASS
  - TOTAL OF FLY ASH OR OTHER POZZOLANs: 35 PERCENT BY MASS WITH FLY ASH OR POZZOLANs NOT EXCEEDING 25 PERCENT BY MASS

- PLACE SLABS ON GRADE WITH CONSTRUCTION JOINT OR SAW JOINT AS INDICATED ON THE PLANS. SAW CUT TO BE DONE AS SOON AS POSSIBLE, BUT NO LATER THAN 24 HOURS AFTER CONCRETE IS PLACED. ALL INTERIOR SLABS TO BE FINISHED, FINISH AND ALL EXTERIOR SLABS TO HAVE A LIGHT BROOM FINISH UNLESS NOTED OTHERWISE. MAINTAIN FLOOR LEVEL AT WALLS AND PITCH SURFACES UNLESS NOTED OTHERWISE. ALL CONCRETE IS TO BE CURED FOR 7 DAYS. FLOORS TO BE STAINED, TO RECEIVE AN ASPHALT SEALER, OR TO RECEIVE ANOTHER FINISH THAT IS COMPATIBLE WITH CURING COMPOUNDS. ARE TO BE WET CURED OR CURED WITH AN AIRBORNE TRANSGLUARD 4000 WET CURE COVER PER MANUFACTURER'S SPECIFICATION. EXTERIOR SLABS SHALL BE SEPARATED FROM BUILDINGS WITH CONTINUOUS 1/2" FIBER EXPANSION JOINT AND/OR 1/4" FIBER EXPANSION JOINT AT DECORATIVE MASONRY UNITS. INTERIOR SLABS SHALL BE SEPARATED FROM FOUNDATION WALLS AND PIERs WITH FORM RELEASE AGENT, 15 LB. FELT OR AS DETAILED ON PLAN.
- THE SLAB-ON-GRADE FLOOR FINISHES/LEVELNESS SHALL MEET TO THE FOLLOWING CRITERIA:
  - TOP OF FLOOR FINISH SHALL BE WITHIN 3/4" OF DESIGN ELEVATION IN ACCORDANCE TO ACI 117 TOLERANCES
  - THE SPECIFIED OVERALL VALUE FOR THE FLOOR FINISHES/LEVELNESS SHALL NOT BE LESS THAN 67% OF THE SPECIFIED OVERALL VALUE.
- NONCRITICAL MECHANICAL ROOMS, NONPUBLIC AREAS, AND PARKING - FF0 / F1.5:
  - CARPETED AREAS IN COMMERCIAL OFFICE, INDUSTRIAL BUILDING - FF2 / FL20.
  - THIN-SET FLOORING, WAREHOUSE, POLISHED CONCRETE - FF3 / FL25.
  - WAREHOUSE WITH AIR PAVEMENT USE, ICE RINKS - FF4 / F5.
  - CRITICAL AREAS AS INDICATED ON PLAN - FF50 / FL50.
- THE MINIMUM LOCAL VALUE FOR THE FLOOR FINISHES/LEVELNESS SHALL NOT BE LESS THAN 67% OF THE SPECIFIED OVERALL VALUE.
- CONTRACTOR SHALL REPLACE AREAS THAT DO NOT MEET THESE CRITERIA.

- FOUNDATION WALLS EXPOSED 2 FEET OR MORE, RETAINING WALLS, AND BASEMENT WALLS SHALL HAVE CONTROL JOINTS AT STABILIZED SOILS. WALLS WITH MASONRY OR BRICK CONSTRUCTION ABOVE SHALL HAVE CONTROL JOINTS ALIGNED WITH MASONRY / BRICK JOINTS. ALL EXPOSED FOUNDATION WALLS TO HAVE TIES AND REINRS REINFORCED AT 301-99, 5.3.3.18 "SMOOTH" -FORM FINISH, AND BE HAND RUBBED PER ACI 301-99, 5.3.3.4 "SMOOTH-HURLED FINISH".
- E BACKFILLING OF FOUNDATIONS:
  - BACKFILLING OF OPPOSITE SIDES OF UNBRACED FOUNDATION WALLS SHALL MAINTAIN A MAXIMUM 2 FOOT DIFFERENTIAL IN ELEVATION PRIOR TO ACHIEVING FINAL SPECIFIED GRADE.
  - TEMPORARY CONSTRUCTION BRACING DURING BACKFILLING:
    - FOUNDATION WALLS WITH PERMANENT TOP LATERAL SUPPORTS SHALL BE TEMPORARILY BRACED UNTIL TOP CONCRETE REINFORCEMENT ARE INSTALLED. TEMPORARY CONSTRUCTION BRACING SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR.
    - THE BOTTOM OF THE BASEMENT WALLS SHALL BE TEMPORARILY BRACED UNTIL THE BASEMENT FLOOR SLABS IS IN PLACE. TEMPORARY CONSTRUCTION BRACING SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR.
  - ALL REINFORCING BARS SHALL BE ASTM A615 GRADE 60. THICKNESS OF CONCRETE OVER REINFORCEMENT SHALL BE NOT LESS THAN 1" WHERE CONCRETE IS DEPOSITED AGAINST THE GROUND WITHOUT THE USE OF FORMS AND NOT LESS THAN 1 1/2" FOR UP TO 42" FOR 47" FOR 49" FOR ALL OTHER LOCATIONS. ALL REINFORCING SHALL BE LAPPED 48 DIAMETERS FOR UP TO #4 BARS, 62 DIAMETERS FOR 7# TO #9 BARS, 62 DIAMETERS FOR #10 BARS OR AS NOTED ON THE DRAWINGS AND EXTENDED AROUND CORNERS WITH CORNER BARS. PLACING AND DETAILING OF STEEL REINFORCING AND REINFORCING SUPPORT SHALL BE IN ACCORDANCE WITH CRSI AND ACI MANUAL AND STANDARD PRACTICES. THE REINFORCING SHALL NOT BE PAINTED AND MUST BE FREE OF GREASE/OIL, DIRT OR DEEP RUST WHEN PLACED IN THE WORK. ALL WELDED WIRE FABRIC SHALL MEET THE REQUIREMENTS OF ASTM A104. WELDED WIRE FABRIC SHALL BE PLACED 2" FROM TOP OF SLAB UNLESS INDICATED OTHERWISE.
  - CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO SAMPLE MATERIALS, PERFORM TESTS, AND SUBMIT TEST REPORTS DURING CONCRETE PLACEMENT. TESTS WILL BE PERFORMED ACCORDING TO ACI 301, CAST AND LABORATORY CURE ONE SET OF FOUR STANDARD CYLINDERS FOR EACH COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIX EXCEEDING 5 CU YD., PLUS ONE SET FOR EACH ADDITIONAL 50 CU YD. OR FRACTION THEREOF. PERFORM COMpressive STRENGTH TESTS ACCORDING TO ASTM C 39. TEST TWO SPECIMENS AT 7 DAYS AND TWO SPECIMENS AT 28 DAYS. PERFORM SLUMP TESTS ACCORDING TO ASTM C 143. PROVIDE ONE TEST AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIX. PERFORM ADDITIONAL TESTS WHEN CONTRACTOR CONSISTENCY APPEARS TO CHANGE.
- VERY INTERIOR CONCRETE PAD SIZES WITH RESPECTIVE CONTRACTORS: PADS SHALL HAVE FIBERESH 300 FIBERS AT A RATE OF 1.5 LB/CU YD. OR 6 X 6 W14 X W14 WELDED WIRE MESH WITH MINIMUM 1 INCH COVER. EQUIPMENT PADS SHALL BE 3.5 INCHES THICK (TOP OF PAD SHALL BE LEVEL) POURED ON SLOPED FLOOR. THICKNESS SHALL BE AT HIGHEST FLOOR ELEVATION WITH 1 INCH CHAMFER UNLESS SPECIFIED OTHERWISE AND SHALL BE PLACED AFTER PRECAST TIPPING HAS BEEN POURED.
- REINFORCEMENT IN CONCRETE TOPPINGs ON PRECAST CONCRETE SHALL BE FIBERESH 300 FIBERS AT A RATE OF 1.5 LB/CU YD. AND 6 X 6 W14 X W14 WELDED WIRE MESH UNLESS NOTED OTHERWISE.
- REINFORCEMENT IN CONCRETE TOPPINGs ON METAL DECK SHALL BE FIBERESH 300 FIBERS AT A RATE OF 1.5 LB/CU YD. AND 6 X 6 W14 X W14 WELDED WIRE MESH UNLESS NOTED OTHERWISE.
- PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COOL OR HOT TEMPERATURES. IN HOT, DRY, AND WINDY WEATHER, APPLY AN EVAPORATION-CONTROL COMPOUND ACCORDING TO MANUFACTURER'S INSTRUCTIONS. PROVIDE PROTECTIVE WIND BREAKS AND BULL FLOWING, BUT BEFORE POWER FLOATING AND TROWELING.
- APPLY TOP FINISH TO MONOLITHIC SLAB SURFACES TO BE EXPOSED TO VIEW AND SLAB SURFACES TO BE COVERED WITH RESIDENT FINISHING, CARPET, PAINT, OR OTHER THIN FILM FINISH COATING SYSTEM. APPLY NONSLIP BROOM FINISH TO EXTERIOR CONCRETE PLATFORMS, STEPS, AND RAMPS, AND ELSEWHERE AS INDICATED.
- TEST RESULTS WILL BE REPORTED IN WRITING TO ARCHITECT, READY-MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NUMBER AND NUMBER OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH IN STRUCTURE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BRACING SYSTEMS, AND TYPE OF BREAK FOR BOTH 7-DAY TESTS AND 28-DAY TESTS.

### 03 35 43 POLISHED CONCRETE FINISHING

- SECTION INCLUDES DYED AND POLISHED CONCRETE.
- REFERENCES:
  - AMERICAN CONCRETE INSTITUTE (ACI)
  - ASTM INTERNATIONAL (ASTM)
  - NATIONAL FLOOR SURFACE INSTITUTE (NFSI)
- PERFORMANCE REQUIREMENTS: POLISHED FLOORING THAT HAS BEEN SELECTED, MANUFACTURED AND INSTALLED TO ACHIEVE THE FOLLOWING:
  - MINIMUM FLOORING POLISH TO ASTM C778 METHOD. A HIGH RESISTANCE, NO MORE THAN 0.08 INCH (0.20 MM) WEAR IN 30 MINUTES.
  - RESISTANCE TO INCREASE OF 35% AS DETERMINED BY STANDARD GLOSS METER.
  - WATERPROOF REQUIREMENTS: RILEM TEST METHOD 114. 10% OR GREATER REDUCTION IN ABSORPTION.
  - HIGH TRACTION RATING: NFSI 101-A, ANS B 1011-2009 OR SLIP RESIST PROPERTIES.
- DESIGN REQUIREMENTS:
  - HARDED CONCRETE PROPERTIES:
    - MINIMUM CONCRETE COMPRESSIVE STRENGTH: 3500 PSI (04 MPa)
    - NORMAL WEIGHT CONCRETE, NO LIGHTWEIGHT AGGREGATE
    - NON-AIR ENTRAINED
    - MAXIMUM W/C RATIO OF 50
  - PLACEMENT PROCEDURES:
    - NATURAL CONCRETE SLUMP OF 4 INCHES - 5 INCHES (100 - 127 MM), ADMIXTURES MAY BE USED.
    - FLATNESS REQUIREMENTS:
      - OVERALL FF-50
      - LOCAL FL-40
  - HARD-SET TROWELED (3 PASSES) CONCRETE NO BURNISHING MARKS. FINISH TO ACI 302.1R, CLASS 5 FLOOR (LIGHT DUTY INDUSTRIAL AND COMMERCIAL).
  - CURING OPTIONS:
    - MEMBRANE FORMING CURING COMPOUNDS (ASTM C309, TYPE I, CLASS B, ALL RESIN, DISSIPATING CURE).

- ACRYLIC CURING AND SEALING COMPOUND NOT RECOMMENDED.
- SHEET MEMBRANE (ASTM C117) POLYETHYLENE FILM NOT RECOMMENDED.
- DIAPY CURING SEALER: USE POLYURETHANE SEALER AND NOT RECOMMENDED.
- NON-MEMBRANE CURING COMPOUND.
- SHOP DRAWINGS — SEE SUBMITTAL MATRIX ON PLANS. INDICATE INFORMATION ON SHOP DRAWINGS AS FOLLOWS:
  - TYPICAL LAYOUT OF MATERIALS TO BE USED FOR GROUNDING SCHEDULE.
  - AREAS TO RECEIVE COLOR SURFACE TREATMENT.
  - HARDENER, SEALER, DENSIFIER IN NOTES.
  - PRODUCT DATA — SEE SUBMITTAL MATRIX ON PLANS. SUBMIT PRODUCT DATA, INCLUDING MANUFACTURER'S SPEC-DATA PRODUCT SHEET, FOR SPECIFIED PRODUCTS.
  - ON SITE REVIEW: OWNER/ARCHITECT TO FIELD VERIFY SAMPLE/TEST AREA PRIOR TO THE START OF THE CONCRETE EXCEEDING REQUIREMENTS OF PRODUCT.
  - QUALITY ASSURANCE:
    - TEST REPORTS: SUBMIT TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES AS CITED IN I/O PERFORMANCE REQUIREMENTS.
    - CERTIFICATES:
      - PRODUCT CERTIFICATES SIGNED BY MANUFACTURER SPECIFYING MATERIALS COMPLY WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES AS CITED IN I/O PERFORMANCE REQUIREMENTS.
      - CURRENT CONTRACTOR'S CERTIFICATE SIGNED BY MANUFACTURER DECLARING CONTRACTOR AS AN APPROVED INSTALLER OF POLISHING SYSTEM.
      - MANUFACTURER'S INSTRUCTIONS: SUBMIT MANUFACTURER'S INSTALLATION INSTRUCTIONS.

- MANUFACTURER: LATRETEC VIDU DYE
- ENSURE MANUFACTURER HAS MINIMUM 5 YEARS EXPERIENCE IN MANUFACTURING COMPONENTS SIMILAR TO OR EXCEEDING REQUIREMENTS OF PRODUCT.
- POLISHED CONCRETE FINISHING PRODUCTS/SYSTEMS: LATRETEC VIDU DYE:
  - HARDENER, SEALER, DENSIFIER: PROPRIETARY, WATER BASED, COLORED LIQUID, VOC COMPLIANT.
  - DIAPY POLISHED CONCRETE FLOOR TREATMENT: MINIMUM OF 50 PSI FOR THE TRANSFORMING STEP. THE INSTALLER SHALL REFINE EACH

# GENERAL BUILDING SPECIFICATIONS (CONT.)

1. MANUFACTURER: DOW STYROFOAM CAVITYMATE OR PLYMOUTH FOAM
  2. EXTRUDED POLYSTYRENE INSULATION, 15 PSI COMPRESSIVE STRENGTH
  3. THERMAL VALUE: "R" VALUE OF 5 PER INCH
  4. THICKNESS AS SHOWN ON THE PLAN.
- L. SILL SEAL
1. MANUFACTURER: DOW STYROFOAM SILL SEAL FOAM GASKET
  2. FOLLOW MANUFACTURER'S INSTRUCTIONS ON PRODUCT STORAGE AND HANDLING.
  3. INSTALL INSULATION IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS SHOWN ON PLANS.

## 07 27 26 AIR AND MOISTURE BARRIER

- A. ALL AIR AND MOISTURE BARRIER MATERIALS AND INSTALLATION SHALL COMPLY WITH LOCAL AND STATE CODES.
- B. SUBMIT THE FOLLOWING ITEMS:
1. PRODUCT DATA, MANUFACTURER'S TECHNICAL BULLETINS.
  2. FOLLOW MANUFACTURER'S INSTRUCTIONS ON PRODUCT STORAGE AND HANDLING.
- C. STORE MOISTURE SENSITIVE MATERIALS IN WEATHER PROTECTED ENCLOSURES.
- D. PROVIDE A COMPLETE AIR AND MOISTURE BARRIER SYSTEM USING A FLUID APPLIED THREE-PART SYSTEM, THE SYSTEM CONSISTS OF ADHESIVE, MESH TAPE AND LIQUID FILL AND SPRAY WRAP.
1. ACCEPTABLE PRODUCT, PROSSCO R-GUARD MVE.
- F. INSTALL AIR AND MOISTURE BARRIER IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS SHOWN ON PLANS.
1. APPLY R-GUARD TAPE OVER SHEATHING JOINTS AND SEAMS. FOLD AND APPLY R-GUARD TAPE TO ROUGH OPENINGS, INSIDE AND OUTSIDE CORNERS. USE A SEAM ROLLER OR OTHER BLUNT TOOL TO FIRMLY ADHESIVE TAPE TO SHEATHING.
  2. LINEARLY COVER TAPE AND ABOUT 4 INCHES OF SHEATHING ON EITHER SIDE OF THE TAPE WITH R-GUARD FILL USING A TROWEL OR TEXTURE SPRAYER. TROWEL SMOOTH. SPOT FILL FASTENERS AND SURFACE DEFECTS WITH R-GUARD FILL. LET DRY.
  3. SPRAY OR ROLLER APPLY R-GUARD SPRAY WRAP TO THE ENTIRE SURFACE INCLUDING AREAS COVERED BY R-GUARD TAPE AND R-GUARD FILL TO A UNIFORM WET MIL THICKNESS (10 MILS). LET DRY. ON MASONRY CONSTRUCTION, WHEN SPRAY APPLYING, BACKROLL TO CLOSE PINHOLE AND ENSURE EVEN COVERAGE. APPLY NUMBER OF COATS AS REQUIRED BY MANUFACTURER'S SPECIFICATIONS.
- G. ALL SURROUNDING AREAS, WHERE THE AIR AND MOISTURE BARRIER HAS BEEN INSTALLED, SHALL BE LEFT FREE OF DEBRIS AND FOREIGN SUBSTANCES RESULTING FROM THE WORK.
- H. PROTECT FINISHED WORK FROM DAMAGED DURING REMAINDER OF CONSTRUCTION PERIOD.

## 07 20 00 SEALANTS

- A. GENERAL: IT IS THE INTENTION OF THIS SPECIFICATION THAT ALL JOINTS ARE TO RECEIVE SEALANT. SEALANT SHALL BE APPLIED IN ALL LOCATIONS INDICATED ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS, INCLUDING BUT NOT LIMITED TO: JOINT WELD SURFACE PREPARATION, PRIMERS, APPLICATION TEMPERATURE, AND MATERIAL STORAGE. SEALANT IS TO BE APPLIED AFTER FINISH OPERATIONS ARE COMPLETE, UNLESS OTHERWISE NOTED IN THE MANUFACTURER'S INSTRUCTIONS. APPROPRIATE SIZED BACKER RODS AND BOND BREAKS REQUIRED AT ALL JOINTS.
- B. EXTERIOR:
1. SEAL PERIMETER OF ALL WINDOWS, DOORS, LOUVERS, VENT OPENINGS, AND ANY LOCATION WHERE DIFFERENT MATERIALS MEET, WITH SEALANT TYPE ES-1.
  2. SEAL JOINTS AT ROOF OPENINGS, EAVES, AND SOFFITS, FOR A WATERTIGHT CONNECTION WITH SEALANT TYPE ES-2.
  3. SEAL THRESHOLDS TO SUBSTRATE WITH SEALANT TYPE ES-3.
  4. SEAL ALL CMJ CONTROL JOINTS, JOINTS IN PRE-CAST CONCRETE PANELS, AND JOINTS BETWEEN PRE-CAST COMPONENTS AND MASONRY OR OTHER PRE-CAST OR CAST-IN-PLACE CONCRETE, WITH SEALANT TYPE ES-1 OR ES-4.
  5. SEAL ALL JOINTS IN TRAFFIC SURFACES SUCH AS CONCRETE PAVEMENT, SIDEWALKS, AND PADS WITH SEALANT TYPE ES-4. USE ES-4 AT SURFACES SLOPING IN EXCESS OF 1/2" PER FOOT.
  6. SEAL BASE CHANNELS FOR INSULATED METAL PANELS TO FOUNDATION WITH SEALANT TYPE ES-3 OR T-1.
  7. SEAL INSULATED METAL PANELS TO BASE CHANNELS WITH SEALANT TYPE ES-4.
  8. SEAL PANEL TO PANEL JOINTS IN INSULATED METAL PANELS WITH SEALANT TYPE ES-4.
  9. SEAL FACE JOINTS IN INSULATED PANELS WHERE INDICATED WITH SEALANT TYPE ES-7.
- C. INTERIOR:
1. SEAL ALL CMJ CONTROL JOINTS, JOINTS IN PRE-CAST CONCRETE PANELS, AND JOINTS BETWEEN PRE-CAST COMPONENTS AND MASONRY OR OTHER PRE-CAST OR CAST-IN-PLACE CONCRETE, WITH SEALANT TYPE ES-6.
  2. SEAL JOINTS IN EXPOSED CONCRETE SLABS IN WITH SEALANT TYPE ES-8.
  3. SEAL COUNTERTOPS, BACKSPLASH, PERIMITERS OF PLUMBING FIXTURES WITH SEALANT TYPE ES-11.
  4. SEAL UNDER BASE TRAIL FOR DRIVWAY PARTITIONS, INTERIOR DOOR AND WINDOW FRAMES, AND WALL ANGLE AT SUSPENDED CEILINGS WITH SEALANT TYPE AS-1.
- D. SEALANT SCHEDULE: (SIMILAR PRODUCTS BY OTHER MANUFACTURERS MAY BE SUBMITTED FOR APPROVAL.)
1. ES-1: TREMCO "DYMATIC" ONE PART, HIGH PERFORMANCE POLYURETHANE SEALANT.
  2. ES-2: TREMCO "GUTTER SEAL" SYNTHETIC RUBBER AND RESIN SEALANT.
  3. ES-3: TREMCO "BUTYL SEALANT" MULTI-COMPONENT SEALANT.
  4. ES-4: SIK "SILAATOR" — 311" NON-SHINKING BUTYL SEALANT.
  5. ES-5: TREMCO "VALKEM 45 SSL" ONE PART, POURABLE SELF-LEVELING, POLYURETHANE SEALANT.
  6. ES-6: TREMCO "DYMADIC" ONE PART, HIGH PERFORMANCE, LOW MODULUS, POLYURETHANE SEALANT.
  7. ES-7: TREMCO "SPECTREM 2" ONE PART, LOW MODULUS SILICONE SEALANT.
  8. ES-8: VERSA-FLEX "SLUBS" TWO PART, SELF-LEVELING, POLYUREA SEALANT.
  9. ES-9: TREMCO "DYMERIC 240FC" MULTI-COMPONENT CHEMICALLY CURING POLYURETHANE SEALANT.
  10. ES-10: MAM "SPAL-PRO" TWO COMPONENT POLYUREA JOINT FILLER.
  11. ES-11: TREMCO "TERMSIL 200" OR GE "SILICONE KITCHEN AND BATH" SINGLE COMPONENT SILICONE SEALANT.
  12. AS-1: DAP "ALEX PLUS" PAINTABLE ACRYLIC LATEX - SILICONIZED SEALANT.
  13. T-1: TREMCO "440 TAP" BUTYL SEALANT TAPE.

## DIVISION 08 OPENINGS

### 08 11 13 HOLLOW METAL DOORS AND FRAMES

- A. HOLLOW METAL FRAMES: COMPLY WITH ANSI/SOI A250.11.
1. SET FRAMES ACCURATELY IN POSITION, PLUMBED, ALIGNED, AND BRACED SECURELY UNTIL PERMANENT ANCHORS ARE SET. AFTER WALL CONSTRUCTION IS COMPLETE, REMOVE TEMPORARY BRACES, LEAVING SURFACES SMOOTH AND UNDAMAGED.
  2. AT FIRE-PROTECTION-RATED OPENINGS, INSTALL FRAMES ACCORDING TO NFPA 80.
- B. HOLLOW METAL DOORS: FIT HOLLOW METAL DOORS ACCURATELY IN FRAMES, WITH CLEARANCES. SHIM AS NECESSARY TO ACHIEVE CLEARANCES INDICATED.
1. FIRE-RATED DOORS: INSTALL DOORS WITH CLEARANCES ACCORDING TO NFPA 80.
  2. SMOKE CONTROL DOORS: INSTALL DOORS ACCORDING TO NFPA 80.
- C. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION. FURNISH AND INSTALL ALL DOORS AND FRAMES AS INDICATED ON THE PLANS.

### 08 41 13 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

- A. INSTALLATION:
1. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
  2. DO NOT INSTALL DAMAGED COMPONENTS.
  3. FIT JOINTS TO PRODUCE HARBINE JOINTS FREE OF BURRS AND DISTORTION.
  4. HIGHLY SECURE NONMOVEMENT JOINTS.
- B. INSTALL ANCHORS WITH SEPARATORS AND ISOLATORS TO PREVENT METAL CORROSION AND ELECTROLYTIC DETEIORATION.
- C. SEAL JOINTS WATERTIGHT UNLESS OTHERWISE INDICATED.
- D. INSTALL COMPONENTS TO DRAIN WATER PASSING JOINTS, CONDENSATION OCCURRING WITHIN FRAMING MEMBERS, AND MOISTURE MIGRATING WITHIN THE SYSTEM TO EXTERIOR.
- E. INSTALL COMPONENTS PLUMB AND TRUE IN ALIGNMENT WITH ESTABLISHED LINES AND GRADES, AND WITHOUT WAFF OR BACK.
- F. ENTRANCE DOORS: INSTALL DOORS TO PRODUCE SMOOTH OPERATION AND TIGHT FIT AT CONTACT POINTS.
- G. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION. FURNISH AND INSTALL ALL ENTRANCES AND STOREFRONTS AS INDICATED ON THE PLANS.

### 08 53 13 VINYL WINDOWS

- A. COMPLY WITH DRAWINGS, SHOP DRAWINGS, AND MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING WINDOWS, HARDWARE, ACCESSORIES, AND OTHER COMPONENTS.
- B. INSTALL WINDOWS LEVEL, PLUMB, SQUARE, TRUE TO LINE, WITHOUT DISTORTION OR IMPEDING THERMAL MOVEMENT, ANCHORED SECURELY IN PLACE TO STRUCTURAL SUPPORT, AND IN PROPER RELATION TO WALL FLASHING AND OTHER ADJACENT CONSTRUCTION.
- C. SET SILL MEMBERS IN BED OF SEALANT OR AS INDICATED FOR WEATHERTIGHT CONSTRUCTION.
- D. ADJUST OPERATING SHADES AND VENTILATORS, SCREENS, HARDWARE, AND ACCESSORIES FOR A TIGHT FIT AT CONTACT POINTS AND WEATHER STRIPPING FOR SMOOTH OPERATION AND WEATHERTIGHT CLOSURE. LUBRICATE HARDWARE AND MOVING PARTS.
- E. AVOID DAMAGING PROTECTIVE COATINGS AND FINISHES. REMOVE EXCESS SEALANTS, GLAZING MATERIALS, DIRT, AND OTHER SUBSTANCES.
- F. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION. FURNISH AND INSTALL ALL VINYL WINDOWS AS INDICATED ON THE PLAN.

### 08 71 00 HARDWARE

- A. REQUIREMENTS:
1. ALL LOCKSETS SHALL BE LEVER TYPE AS REQUIRED TO MEET REQUIREMENTS OF A.D.A.
  2. ALL OTHER HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF A.D.A.
  3. ALL EXIT DOORS SHALL BE EQUIPPED WITH LEVER TYPE OR PANIC TYPE EXIT HARDWARE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A LATCH, KEY OR KEY.
  4. CONTRACTOR TO COORDINATE KEYING SCHEDULE WITH OWNER.
- B. MOUNTING HEIGHTS: MOUNT DOOR HARDWARE UNITS AT HEIGHTS REQUIRED TO COMPLY WITH GOVERNING REGULATIONS.
- C. INSTALL EACH DOOR HARDWARE ITEM TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- D. THRESHOLDS: SET THRESHOLDS FOR EXTERIOR AND ACoustICAL DOORS IN FULL BED OF SEALANT.
- E. ADJUSTMENT: ADJUST AND CHECK EACH OPERATING ITEM OF DOOR HARDWARE AND EACH DOOR TO ENSURE PROPER OPERATION OR FUNCTION OF EVERY UNIT. REPLACE UNITS THAT CANNOT BE ADJUSTED TO OPERATE AS INTENDED. ADJUST DOOR CONTROL DEVICES TO COMPENSATE FOR FINAL OPERATION OF HEATING AND VENTILATING EQUIPMENT AND TO COMPLY WITH REFERENCED ACCESSIBILITY REQUIREMENTS.
- F. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION. FURNISH AND INSTALL ALL HARDWARE AS INDICATED ON THE PLAN.

### 08 80 00 GLAZING

- A. COMPLY WITH COMBINED WRITTEN INSTRUCTIONS OF MANUFACTURERS OF GLASS, SEALANTS, GASKETS, AND OTHER GLAZING MATERIALS, UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED, INCLUDING THOSE IN REFERENCED GLAZING PUBLICATIONS.
- B. PROTECT GLASS EDGES FROM DAMAGE DURING HANDLING AND INSTALLATION. REMOVE DAMAGED GLASS FROM PROJECT SITE AND LEGALLY DISPOSE OF OFF PROJECT SITE. DAMAGED GLASS IS GLASS WITH EDGE DAMAGE OR OTHER IMPROPERITIES THAT, WHEN INSTALLED, COULD WEAKEN GLASS AND IMPAIR PERFORMANCE AND APPEARANCE.
- C. PROVIDE SAFETY GLASS IN ALL GLAZING AS LISTED BELOW UNLESS NOTED OTHERWISE:
1. WHERE REQUIRED BY FEDERAL, STATE AND LOCAL CODES.
- D. SAFETY GLASS REQUIREMENTS:
1. SAFETY GLASS SHALL BE, BUT NOT LIMITED TO:
    - a. TEMPERED GLASS
    - b. LAMINATED GLASS
    - c. SAFETY PLASTIC
    - d. SAFETY INSULATING UNITS WHICH MEET THE TEST REQUIREMENTS OF ANSI Z97.1, AND WHICH ARE CONSTRUCTED, TREATED, OR COMBINED WITH OTHER MATERIALS SO AS TO MINIMIZE THE LIKELIHOOD OF CUTTING AND PIERCING INJURIES RESULTING FROM HUMAN IMPACT WITH THE GLAZING MATERIAL.
  2. ALL SAFETY GLAZING MATERIAL SHALL BE LABELED PER LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- E. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION. FURNISH AND INSTALL THE GLAZING AS INDICATED ON THE PLAN.

## DIVISION 09 FINISHES

### 09 01 00 FINISHES

- A. REQUIREMENTS:
1. PROVIDE AND INSTALL ALL FINISHES AS INDICATED ON PLANS.

2. "FINISH" INSTALLER INSPECT SUBSURFACE AND PREPARE AS PER MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF PRODUCT.
  4. ALL FINISHES TO MEET ALL CODE REQUIREMENTS AND REGULATIONS INCLUDING FLAME SPREAD AND SMOKE DEVELOPMENT.
- B. EXTRA MATERIAL:
1. PROVIDE NEW, EXTRA MATERIAL OF EACH FINISH TYPE AND COLOR TO BE TURNED OVER TO OWNER AT JOB COMPLETION FOR THE FOLLOWING ITEMS:
    - a. PAINT: PROVIDE 1 GALLON FOR "FIELD" COLORS AND 1 QUART FOR ACCENT COLORS APPLIED.
    - b. RESILIENT TILE FLOORING: PROVIDE 1 BOX FOR EVERY 30 BOXES OR FRACTION THEREOF INSTALLED. FURNISH MINIMUM 10 LINEAR FEET FOR EACH 500 LINEAR FEET OR FRACTION THEREOF OF EACH TYPE OF RESILIENT ACCESSORY SUPPLIED.
    - c. ACoustICAL CEILING TILE: PROVIDE FULL-SIZE UNITS EQUAL TO 2% OF QUANTITY INSTALLED, BUT NOT LESS THAN 1 BOX OF EACH TYPE OF CEILING TILE SUPPLIED.
    - d. WOOD FLOORING: PROVIDE FULL-SIZE UNITS EQUAL TO 3% OF QUANTITY INSTALLED, BUT NOT LESS THAN 50 S.F.
    - e. LAMINATE FLOORING: PROVIDE FULL-SIZE UNITS EQUAL TO 3% OF QUANTITY INSTALLED, BUT NOT LESS THAN 50 S.F.
    - f. RESILIENT SHEET FLOORING: PROVIDE NOT LESS THAN 10 LINEAR FEET FOR EACH 500 LINEAR FEET OR FRACTION THEREOF INSTALLED.
    - g. WALL COVERING MATERIAL: PROVIDE FULL-SIZE UNITS EQUAL TO 5 PERCENT INSTALLED.
    - h. TILE CARPET: PROVIDE FULL-SIZE UNITS EQUAL TO 5 PERCENT OF THE AMOUNT INSTALLED, BUT NOT LESS THAN 10 SQ. YD.
    - i. SHEET CARPET: PROVIDE FULL-WIDTH ROLLS EQUAL TO 5 PERCENT OF THE AMOUNT INSTALLED, BUT NOT LESS THAN 10 SQ. YD.
    - j. CERAMIC, QUARRY AND PORCELAIN TILE: PROVIDE FULL-SIZE UNITS EQUAL TO 3% OF QUANTITY INSTALLED, BUT NOT LESS THAN 50 S.F.

### 09 29 00 GYPSUM BOARD (GYP)

- A. DRYWALL SHALL BE INSTALLED PER THE LATEST EDITIONS OF "RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD" AS PUBLISHED BY THE GYPSUM ASSOCIATION AND THE "GYPSUM CONSTRUCTION HANDBOOK" AS PUBLISHED BY UNITED STATES GYPSUM COMPANY.
- B. COMPLY WITH ASTM OR OR ASTM C 1398 AS APPLICABLE TO THE TYPE OF GYPSUM BOARD INDICATED.
- C. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
1. AMERICAN GYPSUM CO.
  2. BPB AMERICAN INC.
  3. G-P GYPSUM
  4. LEARFAGE NORTH AMERICA INC.
  5. NATIONAL GYPSUM COMPANY
  6. USG CORPORATION
- D. AT ALL TOILET ROOMS, LOCKERS ROOMS, COOLER/FREEZER ROOMS, UNDER FRP PANELS OR OTHER DAMP/WET LOCATIONS PROVIDE:
1. MOLD TOUGH GYPSUM BY USG CORPORATION OR EQUAL.
  2. UNDER CERAMIC AND PORCELAIN TILE IN TOILET ROOMS, LOCKER ROOMS OR OTHER DAMP/WET LOCATIONS PROVIDE:
    1. FIBEROCK AQUA-TOUGH TILE BACKER BOARD BY USG CORPORATION OR EQUAL.
- F. UNDER CERAMIC AND PORCELAIN TILE IN SHOWERS, TUBS, KITCHEN WASH DOWN AREAS OR OTHER HIGH-MOISTURE AREAS PROVIDE:
1. DUROCK CEMENT BOARD BY USG CORPORATION OR EQUAL.
- G. DRYWALL FINISHES SHALL BE INSTALLED PER THE LATEST EDITION OF "RECOMMENDED LEVELS OF GYPSUM BOARD FINISH" AS PUBLISHED BY THE ACEL, PAINTING AND DECORATING CONTRACTORS OF AMERICA, GYPSUM ASSOCIATION AND C&CA.
- H. LEVELS OF FINISH:
1. LEVEL 0 — NO TAPING, FINISHING OR ACCESSORIES REQUIRED.
  2. LEVEL 1 — JOINTS AND INTERIOR ANGLES HAVE TAPE SET IN JOINT COMPOUND; SURFACE IS FREE OF EXCESS JOINT COMPOUND; TOOL MARKS AND RIDGES ARE ACCEPTABLE; TAPE AND FASTENERS ARE NOT COVERED WITH JOINT COMPOUND.
  3. LEVEL 2 — JOINTS AND INTERIOR ANGLES HAVE TAPE EMBEDDED IN JOINT COMPOUND AND HAVE A THIN COAT OF JOINT COMPOUND OVER JOINTS AND INTERIOR ANGLES; FASTENER HEADS AND ACCESSORIES ARE COVERED WITH JOINT COMPOUND; SURFACE IS FREE OF EXCESS JOINT COMPOUND; TOOL MARKS AND RIDGES ARE ACCEPTABLE.
  4. LEVEL 3 — JOINTS AND INTERIOR ANGLES HAVE TAPE EMBEDDED IN JOINT COMPOUND AND ONE ADDITIONAL COAT OF JOINT COMPOUND OVER ALL JOINTS AND INTERIOR ANGLES; FASTENER HEADS AND ACCESSORIES COVERED WITH TWO (2) COATS OF JOINT COMPOUND; NO TOOL MARKS OR RIDGES.
  5. LEVEL 4 — JOINTS AND INTERIOR ANGLES HAVE TAPE EMBEDDED IN JOINT COMPOUND AND TWO SEPARATE COATS OF JOINT COMPOUND APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT APPLIED OVER INTERIOR ANGLES; FASTENER HEADS AND ACCESSORIES ARE COVERED WITH THREE (3) SEPARATE COATS OF JOINT COMPOUND; NO TOOL MARKS OR RIDGES.
  6. LEVEL 5 — IN ADDITION TO REQUIREMENTS OF LEVEL 4, A THIN SKIN COAT OF JOINT COMPOUND OR EQUAL SHALL BE APPLIED TO THE ENTIRE SURFACE; NO TOOL MARKS OR RIDGES ON THIS SURFACE.

### 09 30 00 PORCELAIN/CERAMIC TILING

- A. COMPLY WITH "A HANDBOOK FOR CERAMIC TILE INSTALLATION" FOR T&A INSTALLATION METHODS SPECIFIED IN TILE INSTALLATION SCHEDULES.
- B. JOINTS IN TILE SURFACE TO BE LOCATED DIRECTLY ABOVE JOINTS IN CONCRETE SUBSTRATES - BRIDGE CRACKS OR JOINTS WITH "NOBLESEAL C/S" COMPOSITE SHEET MEMBRANE OVER ALL SAW CUT JOINTS IN CONCRETE SLABS WHERE BRIDGED BY PORCELAIN/CERAMIC TILE - INSTALL JOINT BRIDGING MATERIAL PER MANUF. SPECS AND DETAILS.
- C. PROVIDE MANUFACTURER'S STANDARD PORCELAIN/CERAMIC TILE AS SPECIFIED COMPLYING WITH STANDARD GRADE REQUIREMENTS OF ANS I37.1. STATIC COEFFICIENT OF FRICTION TO BE 0.60 MIN AND A DYNAMIC COEFFICIENT OF FRICTION OF 0.42 MIN.
- D. PROVIDE COLORED GROUT AT ALL INTERIOR TILE SURFACES - COLOR TO BE SELECTED BY ARCHITECT/OWNER.
- E. EXTEND TILE WORK INTO RECESSES AND UNDER OR BEHIND EQUIPMENT AND FIXTURES TO FORM COMPLETE COVERING WITHOUT INTERRUPTIONS UNLESS OTHERWISE INDICATED. TERMINATE WORK NEARLY AT OBSTRUCTIONS, EDGES, AND CORNERS WITHOUT DISRUPTING PATTERNS OR JOINT ALIGNMENTS.
- F. ACCURATELY FORM INTERSECTIONS AND RETURNS. PERFORM CUTTING AND DRILLING OF TILE WITHOUT MARRING VISIBLE SURFACES. CAREFULLY GRIND CUT EDGES OF TILE AVOIDING FRINGE, FINISH, OR BUILT-IN ITEMS FOR STRAIGHT ALIGNED JOINTS. FIT TILE CLOSELY TO ELECTRICAL OUTLETS, SPRING FIXTURES, AND OTHER PENETRATIONS SO PLATES, COLLARS, OR COVERS OVERLAP TILE.
- G. JOINTING PATTERN: LAY TILE IN GRID PATTERN UNLESS OTHERWISE INDICATED. LAY OUT TILE WORK AND CENTER TILE FELLS IN BOTH DIRECTIONS IN EACH SPACE OR ON EACH WALL AREA. LAY OUT TILE WORK TO MINIMIZE THE USE OF PIECES THAT ARE LESS THAN HALF OF A TILE. PROVIDE UNIFORM JOINT WIDTHS UNLESS OTHERWISE INDICATED.
- H. METAL EDGE STRIPS: INSTALL WHERE EXPOSED EDGE OF TILE FLOORING MEETS CARPET, WOOD, OR OTHER FLOORING THAT FINISHES FLUSH WITH OR BELOW TOP OF TILE AND NO THRESHOLD IS INDICATED.
- I. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION.

### 09 55 13 RESILIENT BASE AND ACCESSORIES

- A. PROVIDE MANUFACTURER'S STANDARD VINYL BASE AS SPECIFIED THAT COMPLIES WITH ASTM F1861 TYPE TV.
- B. PROVIDE MANUFACTURER'S STANDARD VINYL ACCESSORIES AS SPECIFIED THAT COMPLIES WITH ASTM F2169 TYPE TV.
- C. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING RESILIENT BASE AND ACCESSORIES.
- D. PREPARE SUBSTRATES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS TO ENSURE ADHESION OF BASE AND ACCESSORIES.
- E. APPLY RESILIENT BASE TO WALLS, COLUMNS, PLASTER, CASEWORK AND CABINETS IN THE SPACES AND OTHER PERMANENT FIXTURES IN ROOMS AND AREAS WHERE BASE IS SPECIFIED.
- F. INSTALL RESILIENT BASE IN LENGTHS AS LONG AS PRACTICAL WITHOUT GAPS AT SEAMS AND WITH TOPS OF ADJACENT PICES ALIGNED.
- G. TIGHTLY ADHERE RESILIENT BASE OR ACCESSORY TO SUBSTRATE THROUGHOUT LENGTH OF EACH PICE, WITH BASE OR ACCESSORY IN CONTINUOUS CONTACT WITH HORIZONTAL AND VERTICAL SUBSTRATES.
- H. DO NOT STRETCH RESILIENT BASE DURING INSTALLATION.
- I. ON MASONRY SURFACES OR OTHER SIMILAR IRREGULAR SUBSTRATES, FILL VOIDS ALONG TOP EDGE OF RESILIENT BASE WITH MANUFACTURER'S RECOMMENDED ADHESIVE FILLER MATERIAL.
- J. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION.

### 09 68 13 TILE CARPETING (TC)

- A. GENERAL: COMPLY WITH CSI 104, SECTION 14, "CARPET MODULES" AND WITH CARPET TILE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
- B. Prepare floor surfaces receiving new flooring as required for a smooth and level surface prior to installing new flooring.
- C. INSTALLATION METHOD: AS RECOMMENDED IN WRITING BY CARPET TILE MANUFACTURER.
- D. EXTEND CARPET TILE INTO THE SPACES, DOOR REVEALS, CLOSETS, OPEN-BOTTOMED OBSTRUCTIONS, REMOVABLE FLANGES, ALCOVES, AND SIMILAR OPENINGS.
- E. INSTALL PATTERN PARALLEL TO WALLS AND BORDERS.
- F. SEE PLAN FOR PRODUCT SPECIFICATION AND LOCATION.

### 09 91 00 PAINTING

- A. REMOVE AND/OR PROTECT ALL HARDWARE, HARDWARE ACCESSORIES, MACHINED SURFACES, PLATES, LIGHTING FIXTURES, SPRINKLER HEADS AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED, BUT REQUIRE PROTECTION FROM THE PAINTING PROCESS. RE-INSTALL SAME AFTER COMPLETION OF PAINTING. MASK OFF ALL NAMEPLATES, EQUIPMENT IDENTIFICATION AND SIMILAR ITEMS. REMOVAL AND REINSTALL OF ITEMS IS TO BE DONE BY CONTRACTOR SKILLED IN SUCH WORK.
- B. SEAL TOPS, BOTTOMS AND CUTOUTS OF UNPRIMED WOOD DOORS WITH A HEAVY COAT OF SEALER IMMEDIATELY UPON DELIVERY TO THE PROJECT.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PREPARATION OF ALL SURFACES PRIOR TO THE PAINTING INSTALLATION.
- D. GALVANIZED METAL: CLEAN PER SSPC-SPI USING DETERGENT AND WATER OR A DEGRASSING CLEANER TO REMOVE GREASES AND OILS. APPLY A TEST AREA. PRIMING AS REQUIRED. ALLOW THE COATING TO BEAT ON AT LEAST ONE WEEK BEFORE TESTING. IF ADHESION IS POOR, BRUSH BLAST PER SSPC-SPI IS NECESSARY TO REMOVE THESE TREATMENTS. THE FINISH PRODUCT SHALL HAVE A CONSISTENT, SMOOTH APPEARANCE OF THE SPECIFIED LUSTER.
- E. APPLY PAINT PER MANUFACTURER'S TEMPERATURE AND HUMIDITY REQUIREMENTS.
- F. COMPLETED WORK SHALL BE FREE FROM DEFECTS AND FLAWS.
- G. FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SCAFFOLDING REQUIRED FOR COMPLETING SURFACE PREPARATION, PAINTING, FINISHING AND RELATED ITEMS.
- H. EXCESS MATERIALS, CONTAINERS AND OTHER ITEMS NECESSARY FOR THE COMPLETION OF THE WORK MUST BE DISPOSED OF IN A MANNER THAT MEETS OR EXCEEDS THE STRICTEST LAWS GOVERNING THE PROJECT'S MUNICIPALITY AND/OR STATE. THE PAINTING CONTRACTOR IS RESPONSIBLE FOR COMPLETE ADHERENCE TO ALL DISPOSAL REGULATIONS.
- I. PAINT ALL EXPOSED MISCELLANEOUS ITEMS, FINISHED OR UNFINISHED (INCLUDING H.V.A.C. RETURN AIR GRILLES, CONDUIT, ETC.) TO MATCH ADJOINING WALL SURFACES.
- K. PAINT CEILING ACCESS PANELS TO MATCH ADJACENT CEILING FINISH.
- L. ALL EXPOSED MISCELLANEOUS ITEM IN FOOD PROCESS ROOMS SHALL REMAIN UNPAINTED UNLESS NOTED OTHERWISE. PROTECT ALL SUCH SYSTEM DURING THE PAINTING PROCESSES WITHIN THE ROOMS.
- M. CONTRACTOR TO VERIFY THAT PAINT IS COMPATIBLE WITH PRIMER OF SHOP PRIMED SURFACES. NOTIFY OWNER ENGINEERING IF THERE ARE ANY COMPATIBILITY ISSUES.
- N. THE CONTRACTOR SHALL KEEP EMPTY CONTAINERS ON THE PROJECT SITE UNTIL ALL PRODUCTS ARE VERIFIED AS TO COLOR AND/OR SHEEN. THE CONTRACTOR SHALL LEAVE WITH THE OWNER ALL OPENED PAINT CONTAINERS.
- O. ALL PAINT COLORS, STAIN COLORS, AND VARNISH TO BE SELECTED BY ARCHITECT/OWNER FROM A FULL RANGE OF AVAILABLE COLORS UNLESS NOTED OTHERWISE.
- P. EXPOSED MECHANICAL PIPING SYSTEM SHALL BE PAINTED PER "FERROUS METAL (PRIMED, BRUSH-ROLLER)" SPEC AS FOLLOWS:
- a. GAS PIPING — YELLOW
  - b. FIRE PROTECTION — RED
- Q. ALL EXPOSED EXTERIOR/INTERIOR METAL SURFACES SHALL BE PAINTED, UNLESS:
1. FERROUS METAL (PRIMED): STRUCTURAL STEEL, MISCELLANEOUS IRON, HANDRAILS, HOLLOW METAL DOORS AND FRAMES, ROOF STRUCTURE, EXPOSED ROOF PIPING, ETC.
    - a. ALLOY SHOP PRIMER ON METAL OR 1 COAT S-W KEM BOND HS UNIVERSAL METAL PRIMER 850 SERIES
    - b. 2 COATS S-W PRO INDUSTRIAL ACRYLIC SEMI GLOSS, 866-650 @ 2.5-4.0 MILS DFT/COAT.
  2. GALVANIZED: ALUMINUM, ZINC-COATED AND NON-FERROUS METALS
    - a. 1 COAT S-W PRO INDUSTRIAL PRO-CIVIL UNIVERSAL PRIMER, 866-310 SERIES @ 2.0-4.0 MILS DFT.
    - b. 2 COATS S-W PRO INDUSTRIAL ACRYLIC SEMI GLOSS, 866-650 @ 2.5-4.0 MILS DFT/COAT.
  3. CONCRETE:

1. COAT S-W LIXON CONCRETE MASONRY PRIMER A24W800 @ 2.0-3.5 MILS DFT.
  2. COAT S-W 100 EXTERIOR LATEX SATIN ABS SERIES @ 1.5-2.0 MILS DFT/COAT.
- R. INTERIOR ITEMS:
1. GYPSUM DRYWALL FINISH: EG-SHEL
    - a. 1 COAT S-W PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER B28W2600 @ 12-1.5 MILS DFT.
    - b. 2 COATS S-W PROMAR 200 ZERO VOC INTERIOR LATEX EG-SHEL 820-3600 @ 16-2.2 MILS DFT/COAT.
  2. GYPSUM DRYWALL FINISH: FLAT
    - a. 1 COAT S-W PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER B28W2600 @ 12-1.5 MILS DFT.
    - b. 2 COATS S-W PROMAR 200 ZERO VOC INTERIOR LATEX FLAT B38W2600 @ 16-2.2 MILS DFT/COAT.
  3. GYPSUM DRYWALL FINISH: SEMI-GLOSS
    - a. 1 COAT S-W PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER B28W2600 @ 12-1.5 MILS DFT.
    - b. 2 COATS S-W PROMAR 200 ZERO VOC INTERIOR LATEX SEMI-GLOSS B31W2600 @ 16-2.2 MILS DFT/COAT.
  4. GYPSUM DRYWALL FINISH: EPOXY SYSTEM SEMI-GLOSS
    - a. 1 COAT S-W PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER B28W2600 @ 12-1.5 MILS DFT.
    - b. 2 COATS S-W PRO INDUSTRIAL WATER BASE CATALYZED EPOXY 873 SERIES @ 2.5-4.0 MILS DFT/COAT.
  5. NEW WOOD FINISH: STAINED
    - a. 1 COAT S-W WOOD CLASSICS 250 INTERIOR OIL STAIN A49-800 SERIES.
    - b. 1 COAT S-W WOOD CLASSICS WATERBORNE POLYURETHANE GLOSS VARNISH A68.
    - c. 1 COAT S-W WOOD CLASSICS WATERBORNE POLYURETHANE SATIN VARNISH A68.
    - d. 0B-12 MILS DFT/COAT.
    - e. NEW WOOD FINISH: PAINTED
      - a. 1 COAT S-W PREMIUM WALL AND WOOD PRIMER B28W111 @ 1.8-2.1 MILS DFT.
      - b. 2 COATS S-W PRO INDUSTRIAL ACRYLIC SEMI GLOSS B-66-650 @ 2.5-4.0 MILS DFT/COAT.
  7. FERROUS METAL (PRIMED, BRUSH-ROLLER) — DOORS, FRAMES, HANDRAILS, MISC. METALS, ETC.: FINISH: ACRYLIC
    - a. 1 COAT S-W PRO INDUSTRIAL PRO-CIVIL UNIVERSAL PRIMER 866-310 @ 2.0-4.0 MILS DFT.
    - b. 2 COATS S-W PRO INDUSTRIAL ACRYLIC SEMI GLOSS B-66-650 @ 2.5-4 MILS DFT/COAT.
  8. FERROUS METAL (PRIMER, SPRAYED) — ALL EXPOSED STRUCTURAL STEEL AND EXPOSED MECHANICAL/ELECTRICAL ITEMS, FINISH: ALKYL
    - a. CONFIRM COMPATIBILITY WITH SHOP APPLIED PRIMERS.
    - b. SPOT PRIME AS NEEDED: S-W KEM BOND HS UNIVERSAL METAL PRIMER 850 SERIES @ 2.0-4.0 MILS DFT.
    - c. FINISH COAT S-W SUPER SAVE-ITE HT DRY FLAT EG-SHEL 848 SERIES @ 3.0-3.5 MILS DFT.
  9. GALVANIZED INTERIOR CEILING DECKING:
    - a. FINISH COAT S-W PRO INDUSTRIAL WATERBORNE ACRYLIC DRY FLAT EG-SHEL B42W2 @ 3.0-4.5 MILS DFT.
  10. ALUMINUM, ZINC-COATED AND NON-FERROUS METALS:
    - a. 1 COAT S-W PRO INDUSTRIAL PRO-CIVIL UNIVERSAL PRIMER 866-310 @ 2.0-4.0 MILS DFT.
    - b. 2 COATS S-W PRO INDUSTRIAL ACRYLIC SEMI GLOSS 866-650 @ 2.5-4.0 MILS DFT/COAT.
  11. CONCRETE MASONRY UNITS: ACRYLIC FINISH: SEMI-GLOSS
    - a. 1 COAT S-W PREPARE BLOCK FILLER B232505 - WHITE.
    - b. 2 COATS S-W PROMAR 200 ZERO VOC INTERIOR LATEX SEMI GLOSS B31W2600 @ 16-2.2 MILS DFT/COAT.
  12. CONCRETE MASONRY UNITS: EPOXY FINISH: SEMI-GLOSS
    - a. 1 COAT S-W HEAVY DUTY BLOCK FILLER B42W60 - WHITE.
    - b. 2 COATS S-W PRO INDUSTRIAL WATER BASE CATALYZED EPOXY 873 SERIES @ 2.5-4.0 MILS DFT/COAT.
  13. PRECAST CONCRETE: EG-SHEL
    - a. 1 COAT S-W LIXON CONCRETE MASONRY PRIMER A24W800 @ 2.0-3.5 MILS DFT.
    - b. 2 COAT S-W PROMAR 200 ZERO VOC INTERIOR LATEX EG-SHEL 820 SERIES @ 16-2.0 MILS DFT/COAT.
  14. FERROUS METAL (PRIMER, SPRAYED): ALL EXPOSED STRUCTURAL STEEL: EPOXYURETHANE
    - a. PREPARATION SSPC-SPI-C COMMERCIAL BLAST.
    - b. 1 COAT DUPONT CORLAR 21 — 1F6325P WHITE (4.0 — 6.0 DFT) MDX 1:1 WITH VF525 ACTIVATOR. (IF ROLLER APPLIED USE 5% RT101P ROLLING THINNER PER MIXED GALLON OF EPOXY).
    - c. 1 COAT DUPONT BARON 33 HG-3382811 WHITE (3.5 MILS DFT) MDX 1:1 WITH VG-86025 ACTIVATOR. (IF ROLLER APPLIED USE 10% OF RTD03P ROLLING ADDITIVE PER MIXED GALLON OF ARMON).
  5. PROVIDE A YELLOW STRIPED AREA 3" DEEP BY THE WIDTH OF THE ELECTRICAL PANELS ON THE CONCRETE FLOOR IN FRONT OF THE ELECTRICAL PANELS AND SWITCHGEAR. AT THE SWITCHGEAR, PAINT THE EXPOSED PORTION OF THE CONCRETE HOUSEKEEPING PAD YELLOW.

## DIVISION 10 SPECIALTIES

### 10 14 00 SIGNAGE

- A. REQUIREMENTS:
1. CONTRACTOR TO FURNISH AND INSTALL SIGNAGE PER LOCAL, STATE, AND FEDERAL CODES AND PER ADDITIONAL NOTES ON PLANS.
  2. COORDINATE STYLE AND COLOR WITH OWNER UNLESS SPECIFICALLY INDICATED ON PLANS.
  3. ALL SIGNAGE SHALL MEET THE REQUIREMENTS OF THE A.D.A. AND ANGL.
  4. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE ADJACENT SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST LATCH WALL.
  5. MOUNTING HEIGHT SHALL BE 6" ABOVE FINISH FLOOR TO THE CENTERLINE OF THE SIGN UNLESS INDICATED OTHERWISE.
  6. PROVIDER HANDBOOK PARKING SIGNS AS INDICATED ON PLANS AND AS REQUIRED BY LOCAL, STATE, AND FEDERAL CODES.

### 10 44 00 FIRE EXTINGUISHERS

- A. REQUIREMENTS:
1. FURNISH AND INSTALL EXTINGUISHERS PER LOCAL, STATE, AND FEDERAL CODES, AND N.F.P.A. NO.10-1978.
  2. MOUNT FIRE EXTINGUISHER NOT HIGHER THAN 48" ABOVE FINISH FLOOR UNLESS LOCAL REGULATIONS REQUIRE DIFFERENT HEIGHT.
  3. ALL FIRE EXTINGUISHERS AND CABINETS TO MEET THE REQUIREMENTS OF THE A.D.A. AND ANGL A117.1.

## DIVISION 22 PLUMBING

### 22 05 00 PLUMBING WORK

- A. REQUIREMENTS:
1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES.
  2. SEPARATE PLANS SHALL BE SUBMITTED BY CONTRACTOR FOR APPROVAL AS THE PLUMBING WORKS IS NOT A PART OF THIS PLAN.
  3. ALL PENETRATIONS THROUGH RATED CONSTRUCTION SYSTEMS SHALL BE U.L. APPROVED METHODS.

## DIVISION 23 HEATING AND VENTILATING AND AIR CONDITIONING

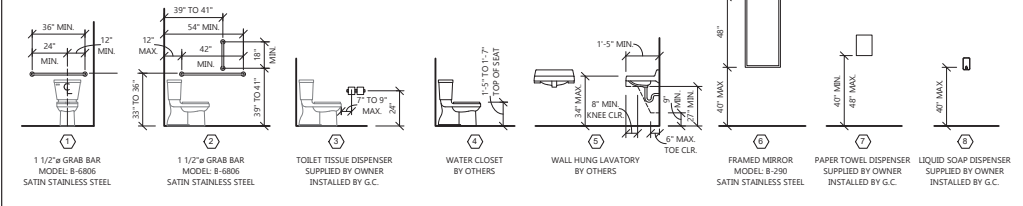
### 23 05 00 HEATING AND VENTILATION WORK

- A. REQUIREMENTS:
1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES.
  2. SEPARATE PLANS AND CALCULATIONS SHALL BE SUBMITTED BY CONTRACTOR FOR APPROVAL AS THE HEATING AND VENTILATING WORK IS NOT A PART OF THIS PLAN.
  3. ALL PENETRATIONS THROUGH RATED CONSTRUCTION SYSTEMS SHALL BE U.L. APPROVED METHODS.

## DIVISION 26 ELECTRICAL

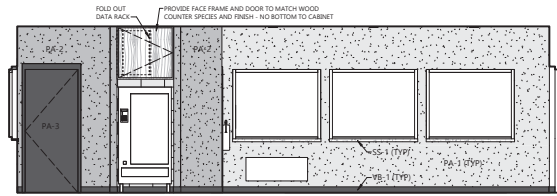
### 26 05 00 ELECTRICAL WORK

**KEYED TOILET ROOM ACCESSORY LEGEND**

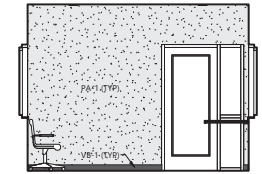


**TOILET ROOM ACCESSORY SPECIFICATIONS:**

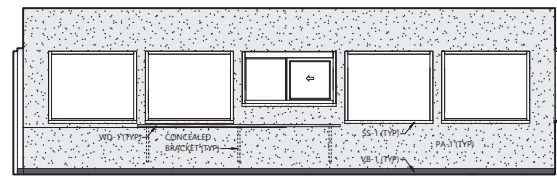
**GENERAL NOTES:**  
 - SEE KEYED TOILET ROOM ACCESSORY LEGEND FOR MODEL NUMBERS, FINISH, AND COLORS  
 - GENERAL CONTRACTOR SHALL PROVIDE BLOCKING AS REQ'D AT ALL ACCESSORY LOCATIONS  
 - GENERAL CONTRACTOR SHALL VERIFY ROUGH OPENING REQ'S FOR ALL RECESSED EQUIPMENT/ACCESSORIES  
 - 6 1/2" MAXIMUM SINK DEPTH  
 - INSULATE PIPES BELOW COUNTERTOPS (WATER AND WASTE LINES) W/ PVC MOLDED PROTECTION (BY PLUMBING CONTRACTOR)  
 MANUFACTURER: BOBRICK WASHROOM EQUIPMENT, INC.  
 PRODUCTS: GRAB BARS, TISSUE DISPENSERS, TOWEL DISPENSERS, MIRRORS, SOAP DISPENSERS, ETC.



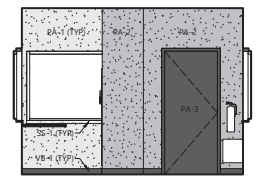
**2 OFFICE 100 (N)**  
 A1.1 SCALE: 1/4" = 1'-0"



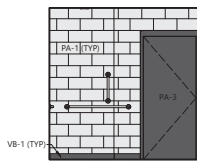
**1 OFFICE 100 (E)**  
 A1.1 SCALE: 1/4" = 1'-0"



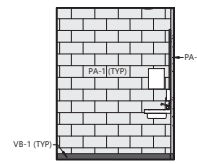
**4 OFFICE 100 (S)**  
 A1.1 SCALE: 1/4" = 1'-0"



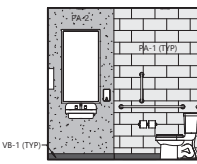
**3 OFFICE 100 (W)**  
 A1.1 SCALE: 1/4" = 1'-0"



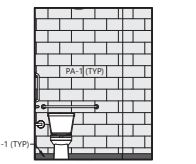
**8 TLT RM 101 (S)**  
 A1.1 SCALE: 1/4" = 1'-0"



**7 TLT RM 101 (W)**  
 A1.1 SCALE: 1/4" = 1'-0"



**6 TLT RM 101 (N)**  
 A1.1 SCALE: 1/4" = 1'-0"



**5 TLT RM 101 (E)**  
 A1.1 SCALE: 1/4" = 1'-0"

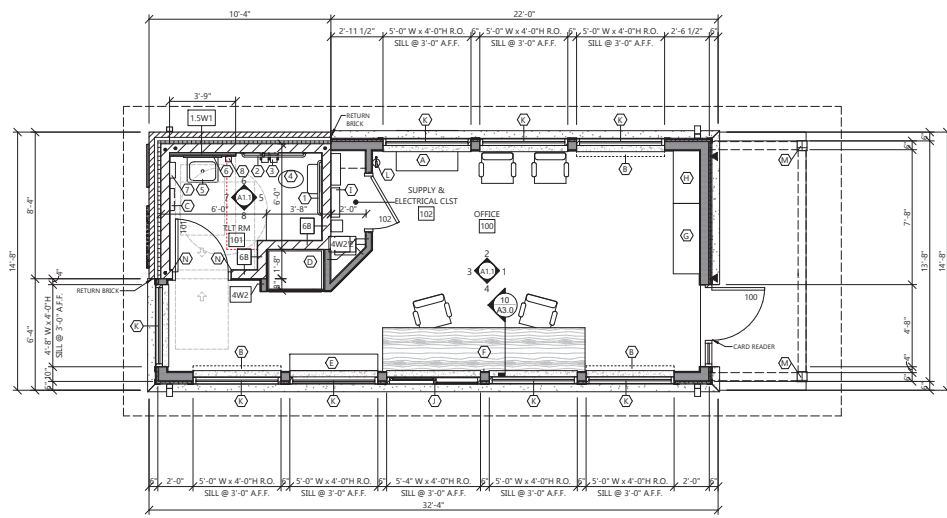
CODE	FINISH GROUP	MANUF	STYLE	COLOR	SIZE	NOTES
<b>FLOOR FINISHES</b>						
STC-1	STAINED CONCRETE	TARKETT / JOHNSONITE	LATICRETE	BLACK DIAMOND AT 100%		
VB-1	VINYL FLOOR			63 BURNT UMBER	4' x 18" TRUCK	
<b>WALL FINISHES</b>						
PA-1	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	SW0071 POPULAR GRAY		
PA-2	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	SW7604 BUCKLEY BLUE		
PA-3	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	SW6026 TRUCKIN BLACK		
<b>CEILING FINISHES</b>						
PA-3	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	SW0071 POPULAR GRAY		
<b>CASEWORK &amp; COUNTERTOPS</b>						
WB-1	LAMINATED WOOD	HAVCO	CUSTOM BY G.C.	CUSTOM BY G.C.	1 3/8" TRG	G.C. TO PROVIDE SAMPLES FOR OWNER APPROVAL
SS-1	SOLID SURFACE	CORIAN	SATIN FINISH	NEUTRAL CONCRETE	12" TRUCK	SEE SPECIFICATION, JOINTS/SEALANT TO MATCH

**STAINED (POLISHED) CONCRETE - STC-1 (SEE SPECS ON A0.1 FOR MORE INFO)**

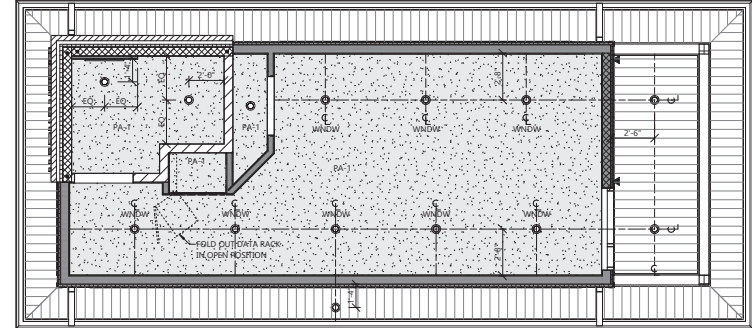
- POLISHED CONCRETE FINISHING PRODUCT INCLUDE: HARDENER, JOINT FILLER, OIL REPLENT SEALER, CLEANING SOLUTION, STAIN GUARD SEALER  
 - FLOORING CONTRACTOR SHALL HOLD PRE-INSTALLATION CONFERENCE WITH G.C. & CONCRETE CONTRACTOR PRIOR TO INSTALLATION  
 - DO NOT PLACE ANY MATERIALS ON THE CONCRETE SURFACE THAT MAY CAUSE STAINING, ETCHING, OR SCRATCHING  
 - POLISHED CONCRETE IS TO MEET PERFORMANCE REQUIREMENTS TO ACHIEVE THE FOLLOWING:  
 - ABRASION RESISTANCE: ASTM C779, METHOD A, HIGH RESISTANCE (NO MORE THAN 0.008 INCH WEAR IN 30 MINUTES)  
 - REFLECTIVITY: INCREASE OF 15% AS DETERMINED BY STANDARD GLOSS METER  
 - WATERPROOF PROPERTIES: RELIN TEST METHOD 11.4, 70% OR GREATER REDUCTION IN ABSORPTION  
 - HIGH TRACTION RATING: NFPA 101-A, ANSI B-101.1, 2009 NON-SLIP PROPERTIES  
 - SEE MANUFACTURERS SPECIFIC PRODUCT REQUIREMENTS AND APPLICATION INSTRUCTIONS FOR LATICRETE "VIVID DYE"  
 - CONSTRUCT FIELD MOCK-UPS IN ACCORDANCE WITH SECTION 014500. ALLOW 24 HOURS FOR INSPECTION OF MOCK-UP BEFORE PROCEEDING WITH WORK  
 - MOCK-UP WILL SHOW SPECIFIED LEVEL OF AGGREGATE EXPOSURE AS:  
 - CLASS B - FINE AGGREGATE (SALT / PEPPER) FINISH - EXPOSE THE FINE AGGREGATE SUCH AS SAND AND SMALL AGGREGATE WITH THE CONCRETE. THE DEPTH OF THE GROUND WILL DEPEND GREATLY ON  
 - THE PLACEMENT AND FINISHING PROCEDURES. GENERALLY, THIS LEVEL OF CUT CAN BE ACHIEVED WITHING 1/16" OF THE SURFACE  
 - SHEEN IS TO BE LEVEL 3 SEMI-POLISHED (MEDIUM HIGH REFLECTIVE) AS DETERMINED BY A GLOSS READING OF 25-70 (400-800 GRID)  
 - INSTALLATION IS TO BE OBTAINED FROM A SINGLE INSTALLER W/ NOT LESS THAN 10 YEARS OF EXPERIENCE OF SIMILAR WORK DESCRIBED IN THIS SECTION  
 - MANUFACTURER IS TO BE CAPABLE OF PROVIDING FIELD SERVICE REPRESENTATION DURING CONSTRUCTION AND APPROVING APPLICATION METHOD  
 - EXECUTION INCLUDES:  
 - PROPER PREPARATION AS SPECIFIED  
 - INSTALLATION OF FLOOR SURFACE POLISHING, DYE PROCESSING, AND FINISHING  
 - DIAMOND POLISHING CONCRETE FLOOR SURFACES AS SPECIFIED  
 - APPLICATION OF FGS HARDENER PLUS  
 - REMOVAL OF DEFECTS AND RE-POLISH AS NECESSARY  
 - PROVIDE FINISHED EDGES OF FLOOR FINISH ADJOINING ADJACENT MATERIALS  
 - SUBMIT WARRANTY DOCUMENTS SPECIFIED, OPERATIONS AND MAINTENANCE DATA, INSTRUCTIONS OF MAINTENANCE RENEWAL OF APPLIED TREATMENTS, PROTOCOLS AND PRODUCT SPECIFICATIONS FOR JOINT FINISH, CRACK REPAIR AND/OR SURFACE REPAIR

**COUNTERTOP / WINDOW SILL SPECIFICATION:**

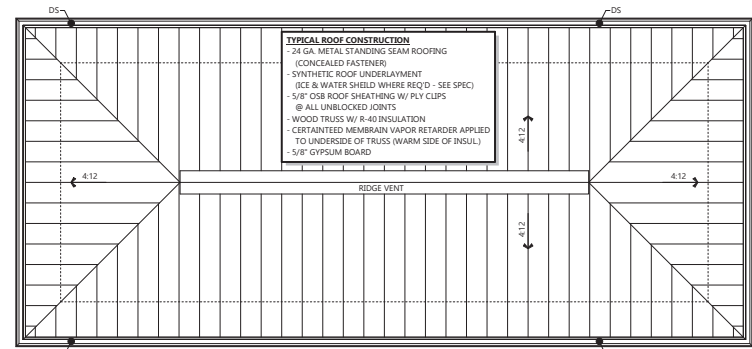
STYLE: SOLID SURFACE COUNTERTOPS / WINDOW SILLS  
 CONSTRUCTION:  
 - 1/2" MATERIAL THICKNESS (CORIAN)  
 - FABRICATE TOPS IN ONE PIECE W/ SHOP APPLIED BACKSPASHES AND EDGES. COMPLY W/ MANUF. SPECS FOR ADHESIVES, SEALERS, FABRICATION, FINISHING, AND INSTALLATION  
 CONFIGURATION:  
 - BACKSPASH AND SIDE SPLASH TO BE SQUARE EDGE  
 - FRONT EDGE STYLE TO BE EASED EDGE, U.N.O. (CORIAN)  
 FINISH: SEE INTERIOR CASEWORK ELEVATIONS FOR FINISH SELECTION



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



**REFLECTED CEILING PLAN**  
 SCALE: 1/4" = 1'-0"



**ROOF PLAN**  
 SCALE: 1/4" = 1'-0"

**SYMBOLS LEGEND (PLAN)**

- SEE SHEET AXX FOR WALL TYPES
- EXIT SIGNAGE
- FIRE EXTINGUISHER - SEE AS SHEETS
- STUD WALL
- CONCRETE WALL
- C.M.U. WALL

**SYMBOLS LEGEND (RCP)**

- LIGHT FIXTURE - SEE ELECTRICAL PLANS
- LIGHT FIXTURE - SEE ELECTRICAL PLANS
- CEILING SUPPLY GRILLE - SEE HVAC PLANS
- CEILING RETURN TRANSFER OR EXHAUST GRILLE - SEE HVAC PLANS
- DESIGNATES CEILING/BULKHEAD HEIGHT A.F.F.
- EXIT LIGHT
- OCCUPANCY SENSOR

**GENERAL NOTES**

- ALL INTERIOR DIMS. ARE FROM FACE-OF-STUD TO FACE-OF-STUD.
- ALL INTERIOR WALLS TO BE 3 1/2" METAL STUDS @ 16" O.C. (SEE FLOOR PLAN FOR SIZE) W/ 5/8" GYPSUM BOARD BOTH SIDES - EXTEND TO UNDERSIDE OF STRUCTURE
- MISCELLANEOUS HARDWARE INCLUDED: HANDICAP HARDWARE
- PROVIDE WOOD BLOCKING FOR ANY FURNISHINGS BY OWNER. (VERIFY LOCATIONS)
- ALL EXTERIOR WINDOWS TO HAVE ALUMINUM FLASHING RETURNS AT HEAD, JAMBS, AND SILL OF ALL WINDOWS.
- ALL EXTERIOR WINDOWS TO HAVE GYPSUM BOARD RETURNS AT HEAD AND JAMBS AND SOLID SURFACE SILLS (SS-1)
- SEE 50.0 SHEET FOR TYPICAL CONTROL JOINT DETAILS
- ROOFING CONTRACTOR SHALL PROVIDE MEMBRANE FORM FLASHING FOR ALL ROOF PENETRATIONS PER ROOF MEMBRANE MANUFACTURER'S REQUIREMENTS
- SEE MECHANICAL DRAWINGS FOR LOCATION AND SIZE OF ALL ROOF PENETRATIONS AND CURBS REQUIRED FOR MECHANICAL EQUIPMENT
- PIPE STANDS NOT INSTALLED ON CURBS SHALL BE INSTALLED ON SLEEPERS OR CONCRETE PADS 6" LARGER THAN EQUIPMENT

**KEYED NOTES**

- P-TAC UNIT (BY OTHERS)
- POTENTIAL LOCATION FOR BASEBOARD HEAT (BY OTHERS)
- WALL HEATER (BY OTHERS)
- VENDING MACHINE - VERIFY ALCOVE SIZE (BY OTHERS)
- (B) SHELVE BOOKCASE (BY OTHERS)
- WOOD COUNTER (BY OTHERS)
- (D) DRAWER LATERAL FILE (BY OTHERS)
- OPEN SHELF CABINET (BY OTHERS)
- ELECTRICAL PANEL - PROVIDE REQ'D CLEARANCE (BY OTHERS)
- QUICKSERV SC-4030 TRANSACTION WINDOW - FINISH TO BE SELECTED BY OWNER - VERIFY F.O. HEIGHT W/ OWNER
- ALLIANCE WINGGATE VINYL WINDOWS - COLOR TO BE WHITE
- FIRE EXTINGUISHER - VERIFY LOCATION W/ OWNER
- 6x6 WOOD POST W/ 6x6 DIAMOND NOTE PRO-POST WRAP - COLOR: BEIGE (VERIFY W/ OWNER)
- BULLNOSE CMU CORNER

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**PROJECT INFORMATION**

PROPOSED DEVELOPMENT FOR:  
**STOUGHTON TRAILERS**  
 1111 VETERANS RD • STOUGHTON, WI 53589

PROFESSIONAL SEAL

**SHEET DATES**

SHEET ISSUE	AUG. 27, 2020
REVISIONS	
CB5	AUG. 27, 2020

**JOB NUMBER**  
 1932200

**SHEET NUMBER**

**A1.1**

**GENERAL NOTES**

ALL DEMOLITION BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.  
 GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. LOCATIONS OF WALLS, DOORS AND OTHER ITEMS HAVE BEEN FIELD MEASURED FOR GENERAL LAYOUT ONLY. REPORT ANY DISCREPANCIES TO EXCEL ENGINEERING FOR CLARIFICATION PRIOR TO THE START OF WORK.  
 WHERE REMOVAL OF PIPES, CONDUIT, DUCTWORK, ETC. HAS LEFT AN OPENING, FILL AND PATCH OPENING TO MATCH THE ADJACENT CONSTRUCTION AND FINISH AS REQUIRED.  
 PATCH ALL WORK AT REMOVAL AND NEW CONNECTION POINTS AS REQUIRED TO MATCH ADJACENT NEW OR EXISTING FINISHES.  
 BEFORE COMMENCING WITH DEMOLITION WORK, REVIEW WITH THE OWNER WHICH ITEMS ARE TO BE SALVAGED AND TURNED OVER TO THE OWNER, IN ADDITION TO THOSE LISTED ON THE PLAN. ANY ITEM NOT WANTED BY THE OWNER SHALL BE REMOVED FROM THE JOB SITE BY THE GENERAL CONTRACTOR AND DISPOSED OF IN THE PROPER AND LEGAL MANNER.  
 SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DESCRIPTION OF REQUIRED ASSOCIATED DEMOLITION.  
 GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY ENCLOSURE FOR KEEPING THE FACILITY IN OPERATION DURING CONSTRUCTION. ENCLOSURE SHALL BE A WALLED-IN DUST BARRIER, WATERPROOF WHERE EXPOSED TO THE EXTERIOR. MECHANICAL CONTRACTORS SHALL PROVIDE ALL NEEDED MECHANICALS FOR THE WORK TO PROGRESS AND THE FACILITY TO REMAIN OPERATIONAL. SEE PLAN FOR ENCLOSURE LOCATIONS.

**DEMOLITION KEYED NOTES**

- ① REMOVE EXISTING DOOR AND FRAME, INCLUDING ALL HARDWARE AND ACCESSORIES.
- ② REMOVE EXISTING WALL IN ITS ENTIRETY. PATCH FLOOR, WALL AND CEILING AS REQUIRED TO MATCH ADJACENT SURFACES OR TO RECEIVE NEW FINISH AS SHOWN IN THE ROOM FINISH SCHEDULE.
- ③ REMOVE EXISTING WALL AS REQUIRED FOR NEW OPENING AND LINTEL. PROVIDE ALL SHORING AND BRACING AS REQUIRED TO SUPPORT EXISTING STRUCTURE UNTIL NEW STRUCTURAL SUPPORT IS INSTALLED. SEE STRUCTURAL PLAN FOR LINTEL REQUIREMENTS. PATCH FLOOR, WALL AND CEILING AS REQUIRED TO MATCH ADJACENT SURFACES OR TO RECEIVE NEW FINISH AS SHOWN IN THE ROOM FINISH SCHEDULE.
- ④ REMOVE EXISTING LOCKERS. VERIFY W/ OWNER IF ITEMS ARE TO BE SALVAGED FOR REUSE.
- ⑤ REMOVE EXISTING GUARD RAIL AS REQUIRED FOR NEW WALL CONSTRUCTION.
- ⑥ REMOVE EXISTING CEILING IN ITS ENTIRETY.
- ⑦ REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY DOWN TO BARE, CLEAN SUBSTRATE. PATCH AND REPAIR SUBSTRATE AS REQUIRED. SEE ROOM FINISH SCHEDULE FOR NEW FLOOR FINISHES.
- ⑧ REPLACE & REINFORCE EXISTING CMU AS REQUIRED.

**SYMBOLS LEGEND (PLAN)**

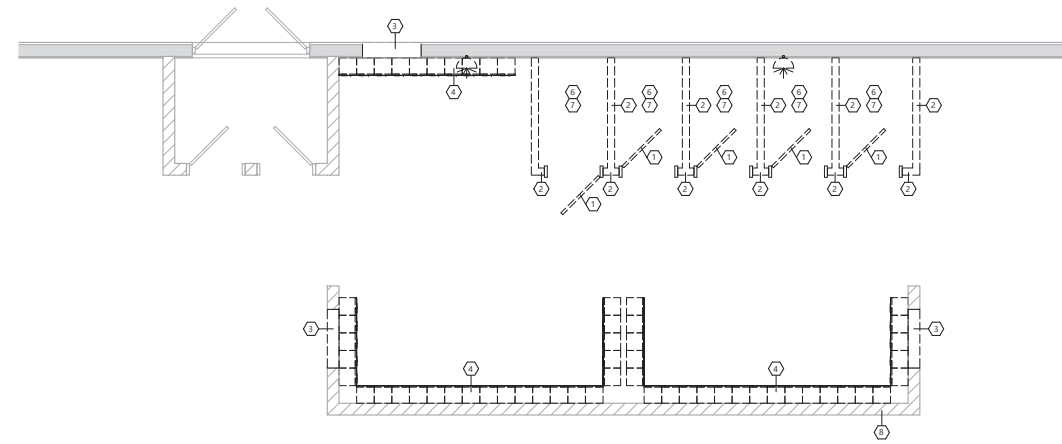
- SEE SHEET A0.X FOR WALL TYPES
- C.M.U. WALL

**GENERAL NOTES**

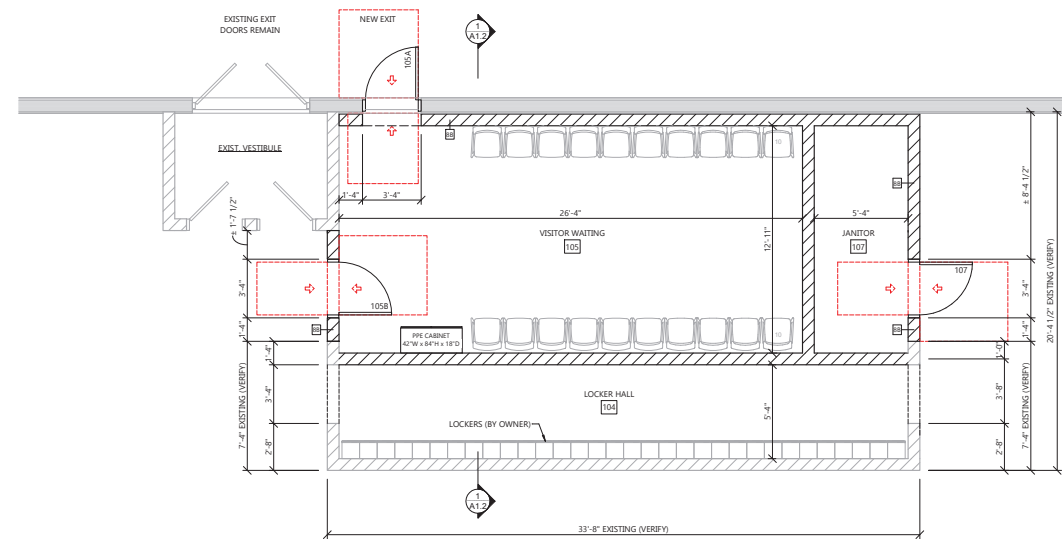
- ALL INTERIOR DIMS. ARE FROM FACE-OF-CMU TO FACE-OF-CMU (NOMINAL)
- SEE A4 SHEETS FOR TYPICAL CONTROL JOINT DETAILS.

**ALTERNATE BID NO. 2**

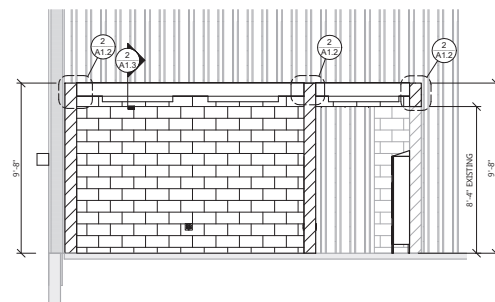
- PROVIDE ALTERNATE FOR ALL WORK REGARDING PLANT 5 & PLANT 6 VESTIBULES (SHEET A1.2 & A1.3) & ASSOCIATED ELECTRICAL DRAWINGS



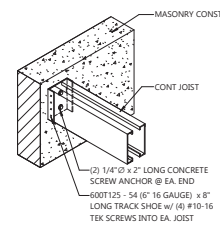
**PLANT 5 - DEMOLITION PLAN**  
 SCALE: 1/4" = 1'-0"



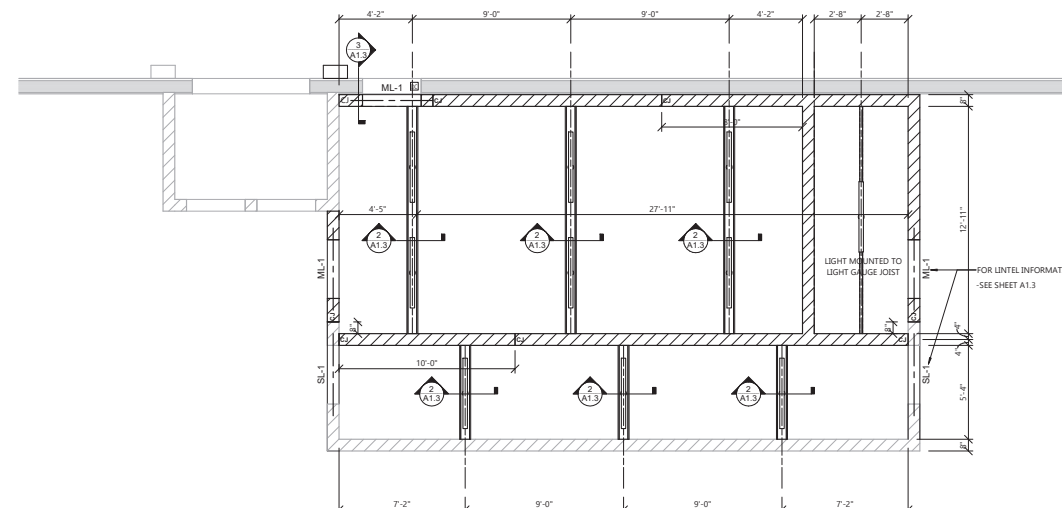
**PLANT 5 - FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"



**PLANT 5 SECTION**  
 SCALE: 1/4" = 1'-0"



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



**PLANT 5 - REFLECTED CEILING PLAN**  
 SCALE: 1/4" = 1'-0"

PROFESSIONAL SEAL

**SHEET DATES**

SHEET ISSUE MAR. 12, 2020

REVISIONS

NO.	DATE	DESCRIPTION

**JOB NUMBER**

1932200

**SHEET NUMBER**

**A1.2**

**GENERAL NOTES**

ALL DEMOLITION BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.  
GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. LOCATIONS OF WALLS, DOORS AND OTHER ITEMS HAVE BEEN FIELD MEASURED FOR GENERAL LAYOUT ONLY. REPORT ANY DISCREPANCIES TO EXCEL ENGINEERING FOR CLARIFICATION PRIOR TO THE START OF WORK.  
WHERE REMOVAL OF PIPES, CONDUIT, DUCTWORK, ETC. HAS LEFT AN OPENING, FILL AND PATCH OPENING TO MATCH THE ADJACENT CONSTRUCTION AND FINISH AS REQUIRED.  
PATCH ALL WORK AT REMOVAL AND NEW CONNECTION POINTS AS REQUIRED TO MATCH ADJACENT NEW OR EXISTING FINISHES.  
BEFORE COMMENCING WITH DEMOLITION WORK, REVIEW WITH THE OWNER WHICH ITEMS ARE TO BE SALVAGED AND TURNED OVER TO THE OWNER IN ADDITION TO THOSE LISTED ON THE PLAN. ANY ITEM NOT WANTED BY THE OWNER SHALL BE REMOVED FROM THE JOB SITE BY THE GENERAL CONTRACTOR AND DISPOSED OF IN THE PROPER AND LEGAL MANNER.  
SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DESCRIPTION OF REQUIRED ASSOCIATED DEMOLITION.  
GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY ENCLOSURE FOR KEEPING THE FACILITY IN OPERATION DURING CONSTRUCTION. ENCLOSURE SHALL BE A WALLED-IN DUST BARRIER, WATERPROOF WHERE EXPOSED TO THE EXTERIOR. MECHANICAL CONTRACTORS SHALL PROVIDE ALL NEEDED MECHANICALS FOR THE WORK TO PROGRESS AND THE FACILITY TO REMAIN OPERATIONAL. SEE PLAN FOR ENCLOSURE LOCATIONS.

**DEMOLITION KEYED NOTES**

- 1 REMOVE EXISTING DOOR AND FRAME, INCLUDING ALL HARDWARE AND ACCESSORIES.
- 2 REMOVE EXISTING WALL IN ITS ENTIRETY. PATCH FLOOR, WALL AND CEILING AS REQUIRED TO MATCH ADJACENT SURFACES OR TO RECEIVE NEW FINISH AS SHOWN IN THE ROOM FINISH SCHEDULE.
- 3 REMOVE EXISTING WALL AS REQUIRED FOR NEW OPENING AND LINTEL. PROVIDE ALL SHORING AND BRACING AS REQUIRED TO SUPPORT EXISTING STRUCTURE UNTIL NEW STRUCTURAL SUPPORT IS INSTALLED. SEE STRUCTURAL PLAN FOR LINTEL REQUIREMENTS. PATCH FLOOR, WALL AND CEILING AS REQUIRED TO MATCH ADJACENT SURFACES OR TO RECEIVE NEW FINISH AS SHOWN IN THE ROOM FINISH SCHEDULE.
- 4 REMOVE EXISTING LOCKERS. VERIFY W/ OWNER IF ITEMS ARE TO BE SALVAGED FOR REUSE.
- 5 REMOVE EXISTING GUARD RAIL AS REQUIRED FOR NEW WALL CONSTRUCTION.
- 6 REMOVE EXISTING CEILING IN ITS ENTIRETY.
- 7 REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY DOWN TO BARE, CLEAN SUBSTRATE. PATCH AND REPAIR SUBSTRATE AS REQUIRED. SEE ROOM FINISH SCHEDULE FOR NEW FLOOR FINISHES.
- 8 REPLACE & REINFORCE EXISTING CMU AS REQUIRED.

**SYMBOLS LEGEND (PLAN)**

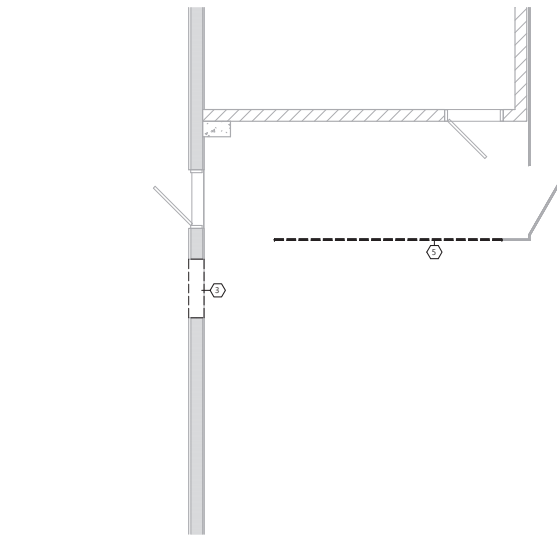
- SEE SHEET A1.X FOR WALL TYPES
- CMU WALL

**GENERAL NOTES**

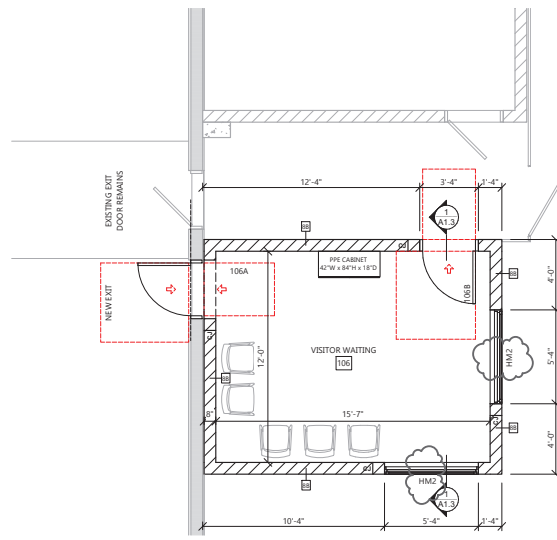
- ALL INTERIOR DIMS. ARE FROM FACE-OF-CMU TO FACE-OF-CMU (NOMINAL)
- SEE A4 SHEETS FOR TYPICAL CONTROL JOINT DETAILS.

**ALTERNATE BID NO. 2**

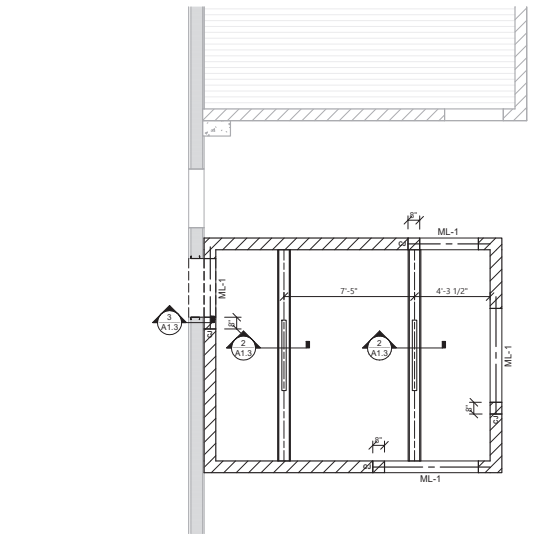
- PROVIDE ALTERNATE FOR ALL WORK REGARDING PLANT 5 & PLANT 6 VESTIBULES (SHEET A1.2 & A1.3) & ASSOCIATED ELECTRICAL DRAWINGS



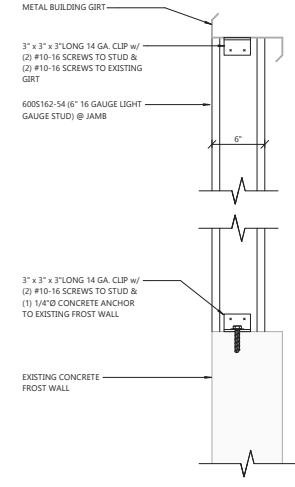
**PLANT 6 - DEMOLITION PLAN**  
SCALE: 1/4" = 1'-0"



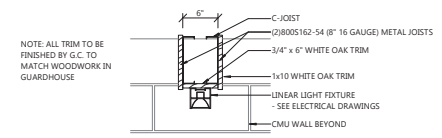
**PLANT 6 - FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



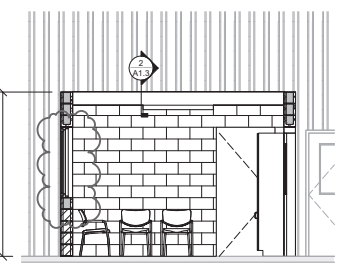
**PLANT 6 - REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"



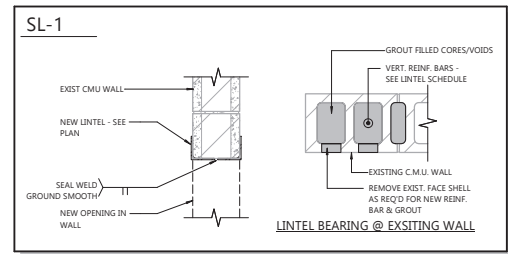
**3 DETAIL**  
SCALE: 1 1/2" = 1'-0"



**2 BEAM DETAIL**  
SCALE: 1" = 1'-0"



**1 PLANT 6 SECTION**  
SCALE: 1/4" = 1'-0"

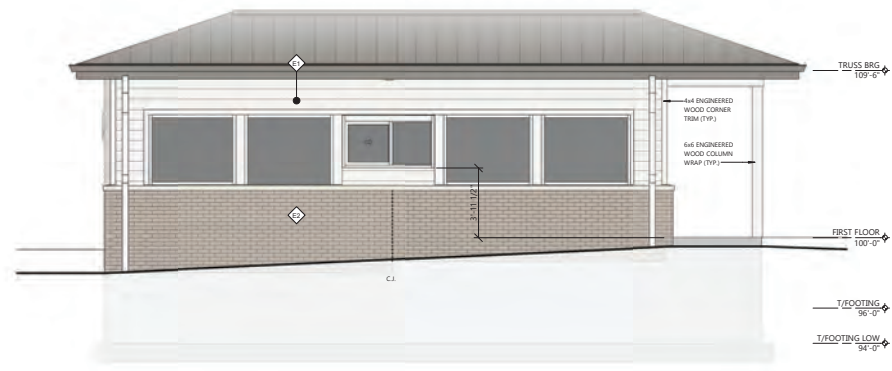


**C.M.U. LINTEL SCHEDULE**

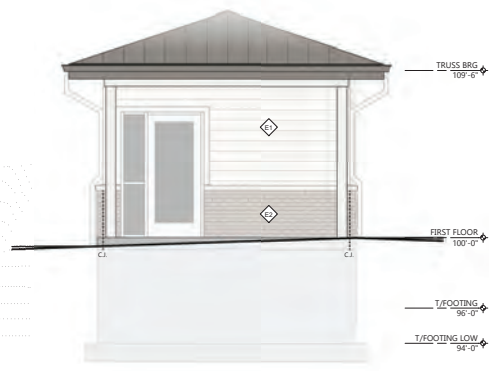
MARK	C.M.U. BEAM				BEARING REQUIREMENTS				LOOSE LINTEL	
	SIZE	REINF.	SHEAR BARS	TYPE (SEE DTL)	END BRG	VERT. BARS	GROUT # CORES	HEIGHT (SEE DTL)		TYPE
ML-1	8"x16" HIGH	(2) #4	-	AA	8"	#5	1	FULL HEIGHT	C	-

**NOTE:** HOOK SHEAR BARS AROUND ONE OF THE SCHEDULED BOTTOM BARS & AROUND THE ADDITIONAL TOP BAR SHOWN ABOVE.

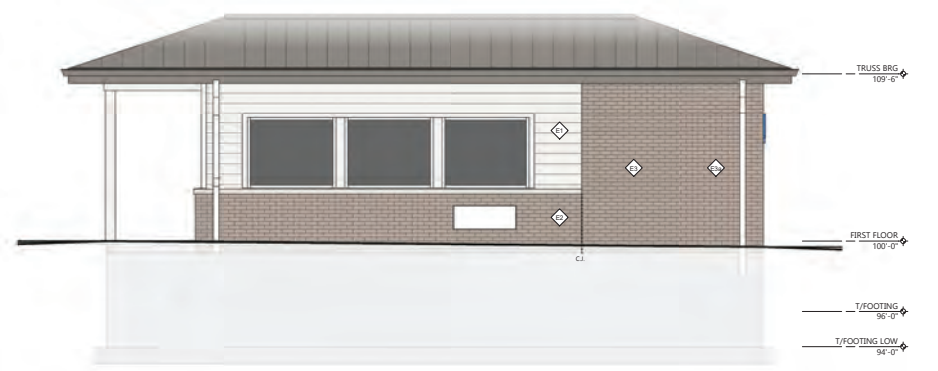
C:\Users\jacob@excel.com\Documents\191220\_1932200\_A1.3.dwg, 1/23/2020 10:52:17 AM, Plot 1 of 1, dwgplotter.ctb, 1/23/2020 10:52:17 AM



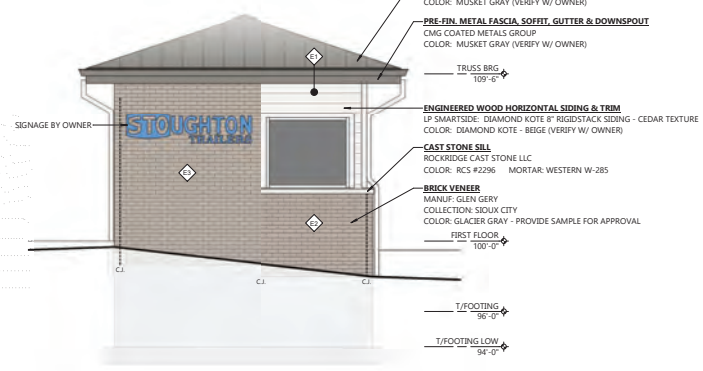
**SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



**NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

### EXTERIOR WALL TYPE LEGEND

	<b>ENGINEERED WOOD SIDING (WOOD STUD)</b> - DIAMOND KOTE 8" RIDGESTACK SIDING & TRIM SYSTEM (3.315" THICK) - 3/4" RIGID CAVITY WALL INSULATION - 1/2" ZIP SYSTEM (AIR & MOISTURE BARRIER) - 2x6 WOOD STUD @ 16" O.C. W/ R-21 BATT INSUL. - CERTAINTED MEMBRAN (VAPOR RETARDER) - 5/8" GYPSUM BOARD
	<b>BRICK VENEER (WOOD STUD)</b> - BRICK VENEER (3.58" ACTUAL) - 1 3/8" AIR SPACE - 3/4" RIGID CAVITY WALL INSULATION - 1/2" ZIP SYSTEM (AIR & MOISTURE BARRIER) - 2x6 WOOD STUD @ 16" O.C. W/ R-21 BATT INSUL. - CERTAINTED MEMBRAN (VAPOR RETARDER) - 5/8" GYPSUM BOARD
	<b>COMPOSITE WALL PANEL SYSTEM</b> - 4" BRICK VENEER (3.58" ACTUAL) - 2 3/8" AIR SPACE - 2" RIGID INSULATION - FLUID APPLIED AIR & MOISTURE BARRIER - 6" CMU (5.58" ACTUAL) - VAPOR RETARDER - PAINT - 1 1/2" 2x FURRING - E3a - SEE PLAN - 5/8" GYPSUM BOARD - E3a - SEE PLAN

**VENTED SOFFIT SPECIFICATIONS:**

**MANUFACTURER:** ROLLEX OR EQUIVALENT  
**PRODUCT:** SYSTEM 3 ALUMINUM VENTED SOFFIT SYSTEM  
- INSTALL PER ALL MANUF. SPECIFICATIONS AND DETAILS  
- 12" WIDE, 0.019" THICK ALUMINUM PANELS  
- PROVIDE NECESSARY TRIM, CLIPS, AND FASTENERS OF MATCHING COLOR AS REQ'D FOR A COMPLETE INSTALLATION  
- COLOR TO BE MUSKET GRAY (PROVIDE SAMPLES FOR APPROVAL)  
**WARRANTY:** LIFETIME

**GUTTER & DOWNSPOUT SPECIFICATIONS:**

**MANUFACTURER:** ROLLEX OR EQUIVALENT  
**PRODUCT:** RAINWARE ALUMINUM GUTTERS & DOWNSPOUTS  
- 5" ALUMINUM GUTTER W/ INSIDE AND OUTSIDE CORNER ACCESSORIES REQ'D  
- 3" x 4" ALUMINUM DOWNSPOUTS U.N.I.D.  
- PROVIDE ALL NECESSARY TRIM, CLIPS, AND FASTENERS OF MATCHING COLOR AS REQUIRED FOR A COMPLETE INSTALLATION  
- COLOR TO BE MUSKET GRAY (PROVIDE SAMPLES FOR APPROVAL)  
**WARRANTY:** LIFETIME

**ALUMINUM STOREFRONT SPECIFICATIONS:**

**MANUFACTURER:** KAWNEER  
**PRODUCT:** TRIFAB VQ 451T THERMALLY BROKEN FRAMING SYSTEM  
**CONSTRUCTION:**  
- 2" x 4 1/2" DEEP FRAMING MEMBERS, ASTM B 221, 6063-T5 ALLOY AND TEMPER  
- CENTER GLAZING SYSTEM  
- SUPPLIER TO VERIFY ALL WIND LOAD AND DEFLECTION CRITERIA AND PROVIDE ALL ACCESSORIES AND REINFORCEMENT AS REQ'D BY APPLICABLE CODES AND FOR A COMPLETE INSTALLATION  
- SUPPLIER TO PROVIDE AND INSTALL ANY REQ'D BRAKE METAL PANELS AS REQ'D TO COVER ANY STRUCTURE, FRAMING, OR ADJACENT / INTERVENING CONSTRUCTION  
- PROVIDE CONT. EXTRUDED SILL FLASHING AT EACH EXT. FRAMING UNIT  
- PROVIDE CONT. EXTRUDED, THERMALLY BROKEN HEAD RECEPT AT EACH FRAMING UNIT  
- PROVIDE CONT. EXTRUDED, THERMAL FLAT FILLER TO JAMB MEMBERS  
- WHERE ALUMINUM WILL CONTACT DISSIMILAR METALS, PROTECT AGAINST GALVANIC REACTIONS BY PAINTING CONTACT SURFACES WITH PRIMER OR BY APPLYING SEALANT OR TAPE PER MANUF. SPECS  
- FINISH TO BE KAWNEER PERMANODIC AA-MT2C2A31, ANAMA 611, ARCHITECTURAL CLASS I COLOR ANODIC COATING COLOR TO BE #17 CLEAR (VERIFY COLOR W/ OWNER)

**HOLLOW METAL DOOR & FRAME SPECIFICATIONS:**

**MANUFACTURER:** CURRIES (APPROVED EQUIVALENT: STEELCRAFT)  
**CONSTRUCTION:**  
- DOORS  
- 107 N SERIES  
- MIN. 18 ga. w/ POLYSTYRENE CORE @ INTERIOR DOORS, R VALUE = 7.25  
- FRAMES  
- 3" M PROFILE W/ CONT. WELD FACE SEAMS AT FULL WIDTH OF JAMB  
- MIN. 16 ga. @ INTERIOR FRAMES  
- GENERAL REQUIREMENTS  
- ALL DOORS & FRAMES TO HAVE BASED ON PRIMER FINISH  
- ALL DOORS & FRAMES TO BE REINFORCED AND PREPARED FOR HARDWARE  
- ALL REINFORCEMENT TO BE MIN. 12 ga.  
- PROVIDE WELDED-IN BASE ANCHORS  
- PROVIDE 13 SILENCERS PER JAMB @ ALL METAL DOOR FRAMES  
- PROVIDE BITUMINOUS COATING ON INT. FACE OF FRAMES IN MASONRY WALLS  
- PROVIDE METAL FRAME FOR LITES & GRILLES  
- PAINT LITE FRAMES TO MATCH DOOR FRAMES

**GENERAL DOOR AND FRAME NOTES:**

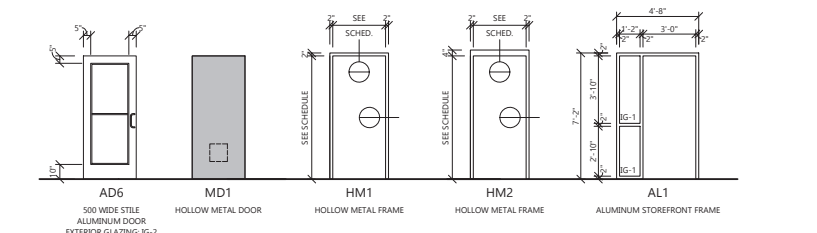
- ALL DOORS SHALL MEET A.D.A. REQUIREMENTS
- ALL DOOR THRESHOLDS SHALL NOT EXCEED 1/2" IN HEIGHT
- VERIFY FRAME DEPTHS W/ WALL THICKNESS. PROVIDE WRAP AROUND FRAMES AT STUD WALLS
- PROVIDE SEALANT BOTH SIDES OF DOOR FRAMES, WHERE DIFFERENT MATERIALS MEET AND FOR WEATHER TIGHTNESS
- GENERAL CONTRACTOR TO VERIFY SIZE OF ALL EQUIPMENT (ELECTRICAL, MECHANICAL, KITCHEN, LAUNDRY, ETC.) SELECTED FOR THE PROJECT TO DETERMINE THAT ALL DOORS (INCLUDING PATH OF TRAVEL) ARE OF ADEQUATE SIZE TO ACCOMMODATE INSTALLATION AND REPLACEMENT
- VERIFY ALL ROUGH OPENING REQUIREMENTS WITH MANUFACTURERS DRAWINGS
- SEE SHEET A0.1 & A0.2 FOR GENERAL BUILDING SPECIFICATIONS
- DOOR, FRAME AND HARDWARE SCHEDULE TO BE PROVIDED BY HARDWARE SUPPLIER FOR A/E REVIEW - NUMBERING SYSTEM AND NOMENCLATURE SHALL MATCH THOSE FOUND IN CONSTRUCTION DOCUMENTS
- HARDWARE SUPPLIER IS RESPONSIBLE FOR COORDINATING KEYING REQUIREMENTS WITH OWNER
- ALUMINUM SUPPLIER SHALL FURNISH AND INSTALL ALL HARDWARE FOR ALUMINUM DOORS AS NOTED ON PLANS - THE SAME MANUFACTURERS AND MODELS SHALL BE USED FOR BOTH ALUMINUM AND OTHER DOOR HARDWARE
- CONTRACTOR TO PROVIDE PRODUCTS AND SYSTEMS COMPLETE WITH ALL ACCESSORIES, TRIM, FINISH, FASTENERS AND OTHER ITEMS NEEDED FOR A COMPLETE INSTALLATION AND INTENDED USE AND EFFECT
- DOOR UNDERCUTS, WHERE NOTED, SHALL BE 1" FROM FINISHED FLOOR (TYP)
- DOOR TRANSFER GRILLES BY DOOR SUPPLIER
- NATIONAL GUARD PRODUCTS MODEL L-700-BA  
- PAINT TO MATCH DOOR FRAME  
- FERROUS METAL (PAINTED) - DOORS, FRAMES, HANDRAILS & MISC. METALS  
(1) COAT SW KEM CHROMIC UNIVERSAL METAL PRIMER, B50WZ SERIES  
(2) COATS PRO MAR 200 ALYD ENAMEL EG-SHEL OR SEMI GLOSS 833 OR 834 SERIES

**DOOR HARDWARE KEY**

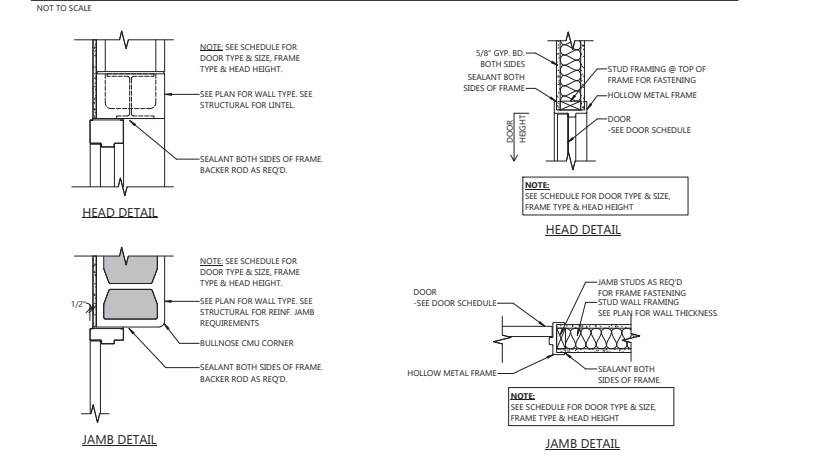
HINGES		Ives	Hager	
HT STANCHION (613)	3881	881225		
H2 SPRING (613)	38P1	1250		
CONTINUOUS HINGES				
HT AL GEAR TYPE (NATCH)	780-212HD	ROCK-120HD	SL-11HD	
	CRKHD			
LOCKS		Schlage MD Series (RHO)	Perko	
L1 CLASSROOM (613)	ND7PDP			
L2 PASSAGE (613)	ND15E			
L3 PRIVACY (613)	ND45S			
STOPS		Ives	Hager	Rockwood
S1 FLOOR MTD. (613)	FR36	2481	441	
S2 WALL MTD. (625)	WS47CCV	236W	409	
CLOSERS		LEN		
C1 PUSH SIDE EXT. DOORS (695)	4040XP SCUSH			
C2 PUSH SIDE REG. (695)	4040XP REG			
WEATHERSTRIP, SWEEPS & THRESHOLDS		National Guard	Perko	
T1 THRESHOLD	842A	5282A	252W FG	
SW1 SWEEP	260NA	772	315A	
WS1 WEATHERSTRIP	160VA	DS106C	294AV	
EXIT DEVICES		VonDiprin		
ET RDM - LEVER (613)	9879C-996L	VERIFY STYLE & FINISH W/ OWNER		
MISC. HARDWARE		VonDiprin	HES	Securiton
EXT AT STD. LOCKSET (613)	621T	1006 Series	UNL	
MT1 CARD READER		SEE SECURITY DRAWINGS		

**DOOR SCHEDULE**

DOOR NO.	DOOR SIZE			DOOR TYPE	FRAME TYPE	UNDERCUT OR GRILLE (W x H)	DOOR HARDWARE					REMARKS	
	WIDTH	HEIGHT	THICKNESS				HINGE	LOCKSET	STOPS	EXIT DEVICE	PUSH-PUL L / KICK		W.S. SWEEP THRESHOLD
100	3'-0"	7'-0"	1 3/4"	AD6	AL1		H2	L3	S2	--	--	--	W51
101	3'-0"	7'-0"	1 3/4"	MD1	HM2	VFY W/ HVAC DESIGNER	H2	L3	S2	--	--	--	W51
102	3'-0"	7'-0"	1 3/4"	MD1	HM1	VFY W/ HVAC DESIGNER	H2	L2	--	--	--	--	



**DOOR & FRAME ELEVATIONS**



**DOOR FRAME DETAIL @ CMU**  
NOT TO SCALE

**DOOR FRAME DETAIL @ WOOD STUD**  
NOT TO SCALE

**GLAZING SCHEDULE**

GLAZING SHALL MEET THE FOLLOWING STANDARDS AND GUIDELINES AS APPLICABLE FOR EACH TYPE:  
- ASTM E 1300, ASTM C 1088, ASTM C 1048, ASTM E 774  
- GAMA GLAZING MANUAL  
- SIGMA TM-3000 VERTICAL GLAZING GUIDELINES

**IG-1: LOW-E INSULATED TEMPERED GLAZING**

**PRODUCT:** PPG INDUSTRIES, INC. SOLARBAN 603, Gray

U-VALUE	SHADING COEFFICIENT	SOLAR HEAT GAIN COEFFICIENT
WINTERS (NIGHT)	SUMMER (DAY)	
0.29	0.32	0.23

1" LITNE w/ 1/2" AIRSPACE AND (2) 1/4" LITES  
LOW-EMISSIVITY COATING ON THIRD SURFACE

- INDOOR LITE: TYPE L CLASS L QUALITY Q3 FLOAT GLASS, KIND FT (FULLY TEMPERED), CONDITION A
- OUTDOOR LITE: TYPE L CLASS B QUALITY Q3 FLOAT GLASS, KIND FT (FULLY TEMPERED), CONDITION A
- LOW-EMISSIVITY COATING ON THIRD SURFACE



**PROJECT INFORMATION**

PROPOSED DEVELOPMENT FOR:  
**STOUGHTON TRAILERS**  
1111 VETERANS RD • STOUGHTON, WI 53589

**PROFESSIONAL SEAL**

**SHEET DATES**

SHEET ISSUE: AUG. 27, 2020  
REVISIONS:  
CB5: AUG. 27, 2020

**JOB NUMBER**

1932200

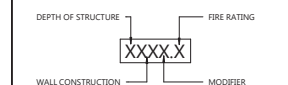
**SHEET NUMBER**

**A2.0**

**GENERAL NOTES**

- ALLOW FOR DEFLECTION AT TOP OF WALL IN NON-LOAD BEARING APPLICATIONS.
- ERECT ALL PARTITIONS FULL HEIGHT TO STRUCTURAL SLAB ABOVE UNLESS OTHERWISE NOTED.
- CONSTRUCT PARTITIONS WITH APPROPRIATE STUD GAUGE BASED ON LIMITING HEIGHT.
- HOLD GWB OFF FLOOR 5/8" TO PREVENT WICKING. PROVIDE CONTINUOUS NON-HARDENING ACOUSTICAL CALLING BEADS ON EACH SIDE OF THE BOTTOM STUD RUNNER AT THE THREE-WAY INTERSECTION BETWEEN THE RUNNER, FLOOR AND DRYWALL.
- MULTIPLE LAYER OF GYPSUM BOARD ARE TO BE APPLIED WITH STAGGERED JOINTS.
- LABEL ALL FIRE RATED PARTITIONS ACCORDING TO THEIR RATING WITH STENCILED RED LETTERS. 4" HIGH MIN. AND 1/2" STROKE. LABEL FIRE RATING JUST ABOVE THE FINISHED CEILING, OR AT 10'-0" AFF FOR SPACES WITHOUT FINISHED CEILING AT INTERVALS OF NOT MORE THAN 10'-0" APART AND AT LEAST TWICE ON EACH PARTITION.
- COORDINATE WALL CLADDING TYPE AND LOCATION WITH FINISH PLANS AND INTERIOR ELEVATIONS. VERIFY CLADDING THICKNESS APPROPRIATE DETAIL.
- PROVIDE BLOCKING AS REQUIRED AT ALL MILLWORK, WALL MOUNTED TELEVISIONS, BATHROOM GRAB BARS, ETC. TYPICAL OF ALL PARTITION TYPES.

**INTERIOR PARTITION TAG KEY**

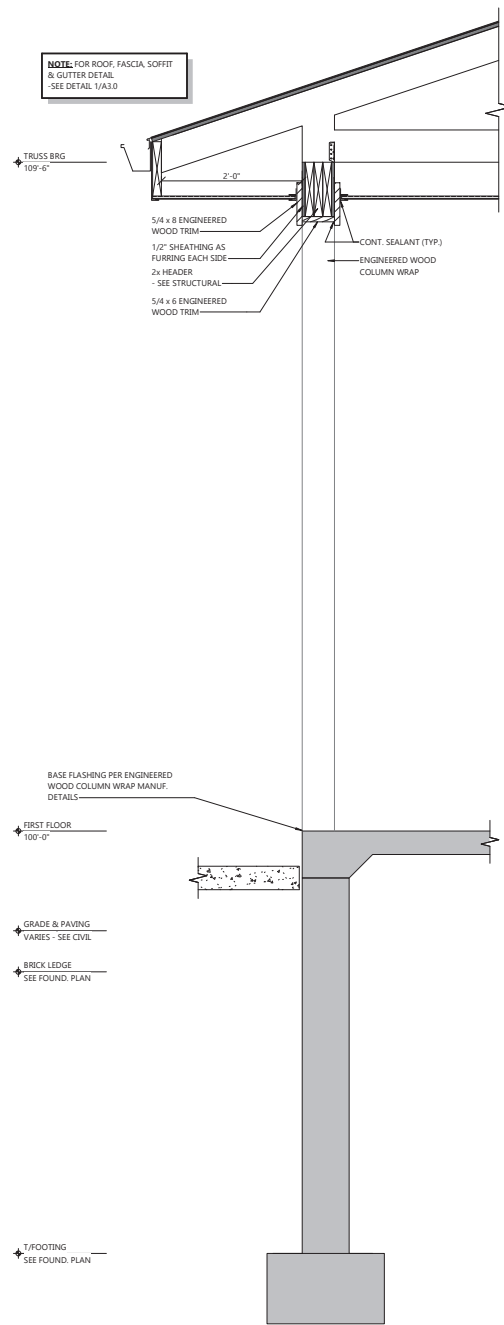


DEPTH OF WALL STRUCTURE			
TAG VALUE	BLOCK/CMU	METAL STUD	WOOD STUD
1	-	7/8"	3/4"
2	-	1 5/8"	1 1/2"
3	-	2 1/2"	-
4	3 5/8"	3 5/8"	3 1/2"
6	5 5/8"	6"	5 1/2"
8	7 5/8"	8"	7 1/4"
10	9 5/8"	-	-
12	11 5/8"	-	-

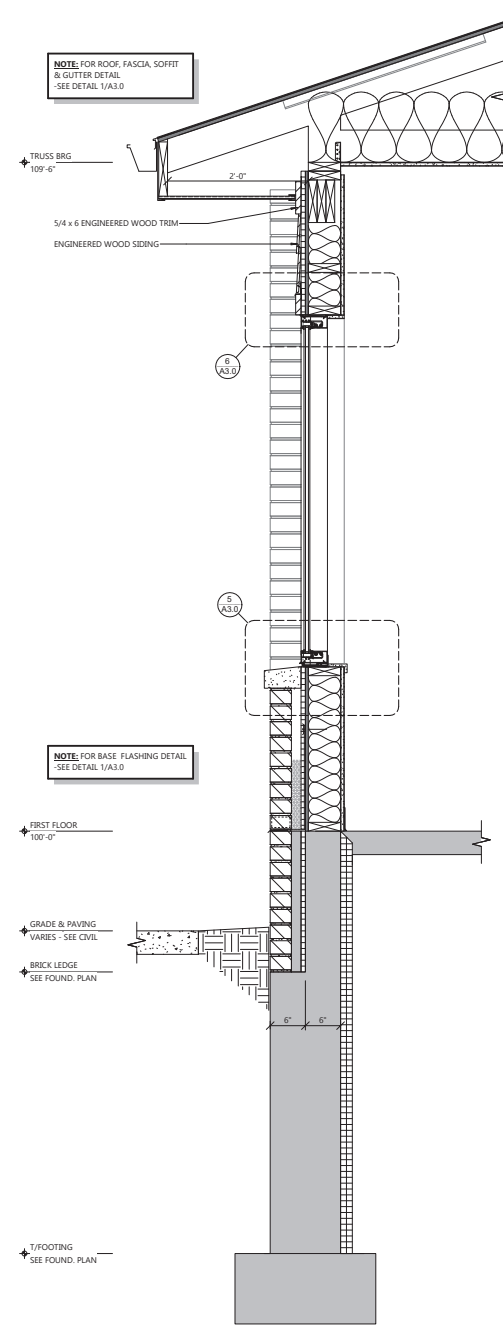
WALL CONSTRUCTION	
TAG VALUE	DESCRIPTION
B	BLOCK / CMU
D	INSULATED METAL PANEL
W1	WOOD STUD (1) LAYER GYPSUM BOARD ON (1) SIDE
W2	WOOD STUD (1) LAYER GYPSUM BOARD EACH SIDE
W4	WOOD STUD (2) LAYERS GYPSUM BOARD EACH SIDE

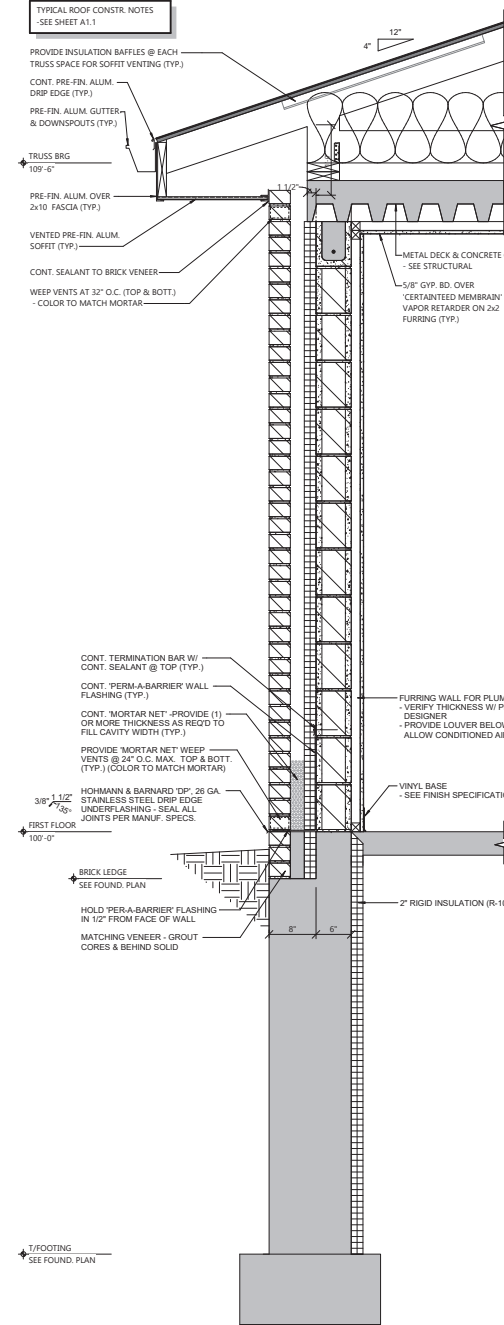
TAG MODIFIERS	
MODIFIER	DESCRIPTION
A	NO ACOUSTICAL INSULATION REQUIRED
B	WALL DOES NOT EXTEND TO STRUCTURE - BRACE TOP OF WALL



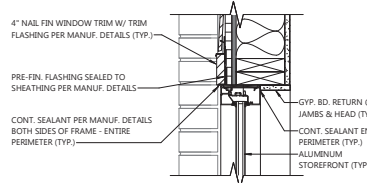
**3 WALL SECTION @ PORCH**  
SCALE: 1" = 1'-0"



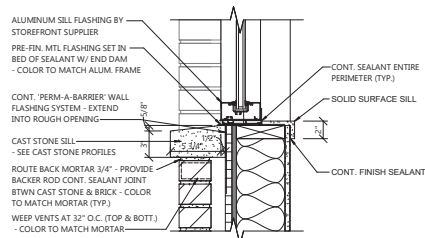
**2 WALL SECTION @ WINDOW**  
SCALE: 1" = 1'-0"



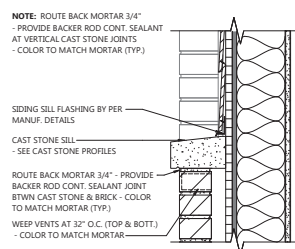
**1 WALL SECTION - TYPICAL**  
SCALE: 1" = 1'-0"



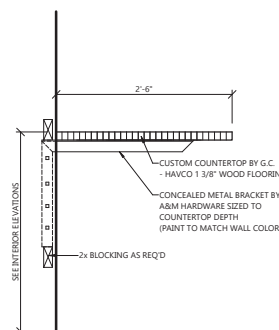
**6 HEAD DETAIL @ WINDOW**  
SCALE: 1 1/2" = 1'-0"



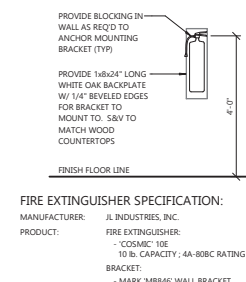
**5 SILL DETAIL @ WINDOW**  
SCALE: 1 1/2" = 1'-0"



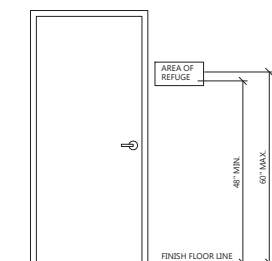
**4 SILL DETAIL @ TRANSITION**  
SCALE: 1 1/2" = 1'-0"



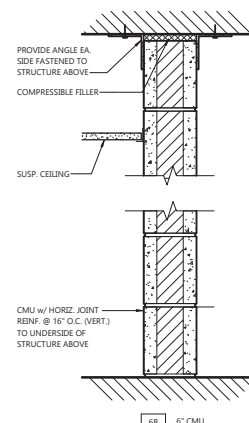
**COUNTERTOP DETAIL**  
NOT TO SCALE



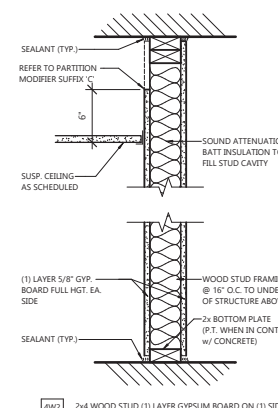
**FIRE EXTINGUISHER**  
NOT TO SCALE



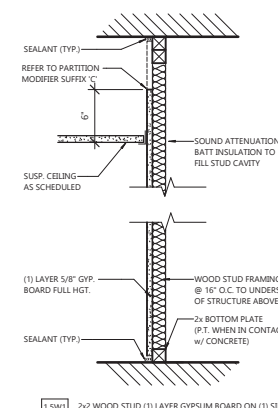
**SIGNAGE**  
NOT TO SCALE



**INTERIOR WALL TYPE - 6B**  
NOT TO SCALE



**INTERIOR WALL TYPE - 4W2**  
NOT TO SCALE



**INTERIOR WALL TYPE - 1.5W1**  
NOT TO SCALE

PROFESSIONAL SEAL

**SHEET DATES**

SHEET ISSUE: AUG. 27, 2020

REVISIONS

CB5 AUG. 27, 2020

**JOB NUMBER**  
1932200

**SHEET NUMBER**  
A3.0

**LAMINATE-CLAD CABINET SPECIFICATION:**

CABINETS SHALL COMPLY WITH THE SPECIFIED GRADE OF WORK AND SECTIONS OF THE CURRENT EDITION OF THE ARCHITECTURAL WOODWORK INSTITUTE (AWI) QUALITY STANDARDS.

**GRADE:** CUSTOM GRADE

**STYLE:** FULL OVERLAY

**CONSTRUCTION:**

- DOORS AND DRAWER FRONTS:
  - EDGE-BAND LAMINATE, SAME PATTERN, COLOR, AND THICKNESS BOTH FACE AND BACK w/ PVC EDGES (CORE: 3/4" PARTICLEBOARD OR MDF)

- DRAWER SIDES AND BACKS:
  - SINGLE SPECIES SOLID LUMBER (1/2" THICKNESS MIN.)

- DRAWER BOTTOMS:
  - HARDWOOD VENEER PLYWOOD (1/4" THICKNESS MIN.)

**LAMINATE MATERIALS:**

- EXPOSED SURFACES:
  - HIGH PRESSURE DECORATIVE LAMINATE-CLAD AS INDICATED. HORIZONTAL SURFACES (OTHER THAN TOPS) = HGS
  - VERTICAL SURFACES = HVP
  - EDGES = 3mm PVC MATCHING LAMINATE IN COLOR PATTERN AND FINISH

- MATERIAL FOR SEMI-EXPOSED SURFACES:
  - THERMOSET DECORATIVE OVERLAY

**HARDWARE:**

- HINGES:
  - FRAMELESS CONCEALED (EUROPEAN TYPE) SELF CLOSING
- ADJUSTABLE SHELF SUPPORTS:
  - ADJUSTABLE SHELF MULTIPLE HOLES (MIN. 5 MM DIA., DUAL PING)
  - ADJUSTABLE METAL SHELF STANDARDS (RECESSED FLUSH)

- WIRE PULLS (OR AS SPECIFIED ON INTERIOR ELEVATIONS):
  - BACK MOUNTED, 4" LONG, 5/16" DIAMETER, DARK BRONZE

**DRAWER SLIDES:**

- SIDE MOUNTED, FULL EXTENSION, ZINC PLATED w/ STEEL BALL BEARINGS RATED FOR THE FOLLOWING LOADS:
  - BOX DRAWERS = 100 lbf
  - FILE DRAWERS = 150 lbf
  - PENCIL DRAWERS = 45 lbf

**LOCKS:**

- REMOVABLE CORE, DISC TUMBLER, CAM STYLE w/ STRIKE, DARK BRONZE

**NOTE:** PROVIDE MIN. (1) ADJUSTABLE SHELF PER CABINET MIN. (2) FOR CABINETS GREATER THAN 30" TALL

TOE KICK IS TO BE AS SPECIFIED IN ROOM FINISH SCHEDULE, U.N.O. GL TO COORDINATE

**FINISH:** ALL FINISHES TO BE SELECTED BY ARCHITECT FROM A FULL RANGE OF AVAILABLE SURFACES AND COLORS

**COUNTERTOP / WINDOW SILL SPECIFICATION:**

**STYLE:** SOLID SURFACE COUNTERTOPS / WINDOW SILLS

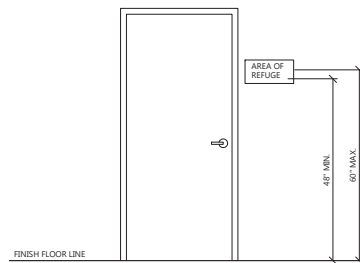
**CONSTRUCTION:**

- 1/2" MATERIAL THICKNESS (CORIAN)
- FABRICATE TOPS IN ONE PIECE w/ SHOP APPLIED BACKSPASHES AND EDGES. COMPLY w/ MANUF. SPEC'S FOR ADHESIVES, SEALERS, FABRICATION, FINISHING, AND INSTALLATION

**CONFIGURATION:**

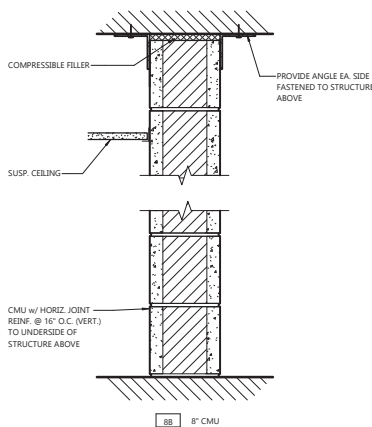
- BACKSPASH AND SIDE SPLASH TO BE SQUARE EDGE
- FRONT EDGE STYLE TO BE EASED EDGE, U.N.O. (CORIAN)

**FINISH:** SEE INTERIOR CASEWORK ELEVATIONS FOR FINISH SELECTION



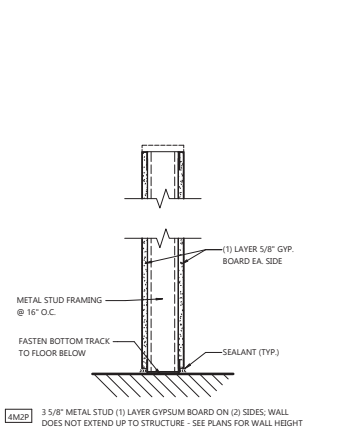
**SIGNAGE**

NOT TO SCALE



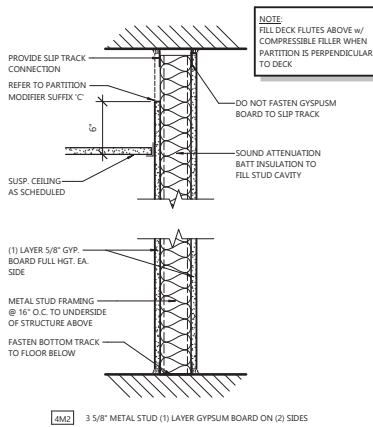
**INTERIOR WALL TYPE - 8B**

NOT TO SCALE



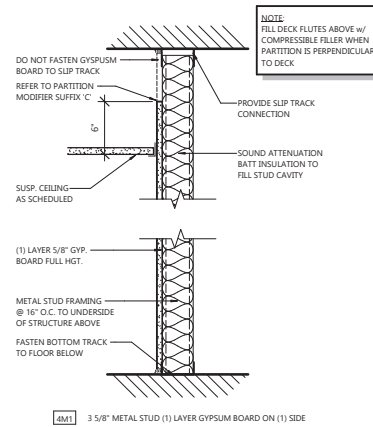
**INTERIOR WALL TYPE - 4M2P**

NOT TO SCALE



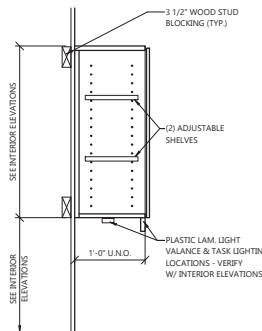
**INTERIOR WALL TYPE - 4M2**

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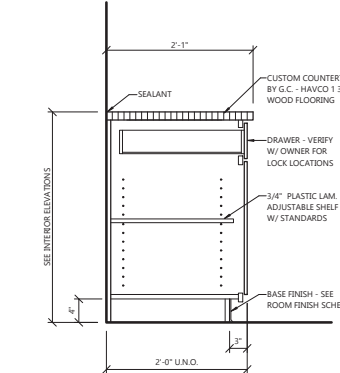
**INTERIOR WALL TYPE - 4M1 & 1.5M1**

NOT TO SCALE



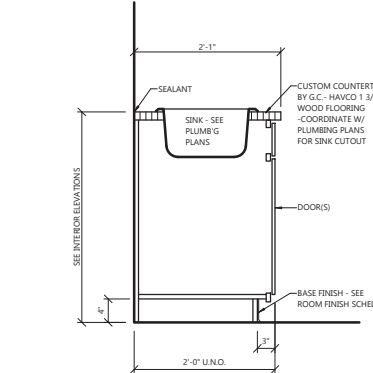
**UPPER CABINET DETAIL**

SCALE: 1" = 1'-0"



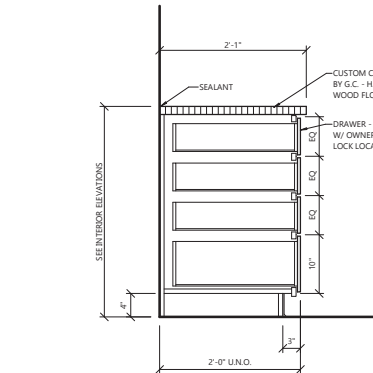
**BASE CABINET DETAIL**

SCALE: 1" = 1'-0"



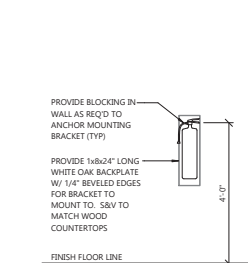
**SINK BASE CABINET DETAIL**

SCALE: 1" = 1'-0"



**BASE CABINET DETAIL**

SCALE: 1" = 1'-0"

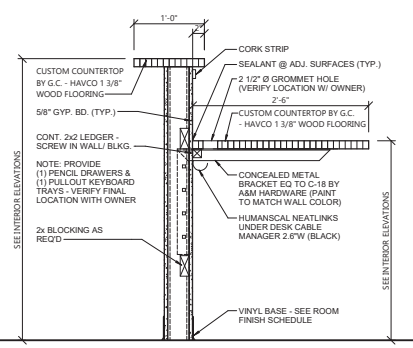


**FIRE EXTINGUISHER SPECIFICATION:**

MANUFACTURER: JI INDUSTRIES, INC.  
 PRODUCT: FIRE EXTINGUISHER:  
 - COSMIC 10E  
 10 LB. CAPACITY - AA-B0BC RATING  
 BRACKET:  
 - MARK 'MB846' WALL BRACKET

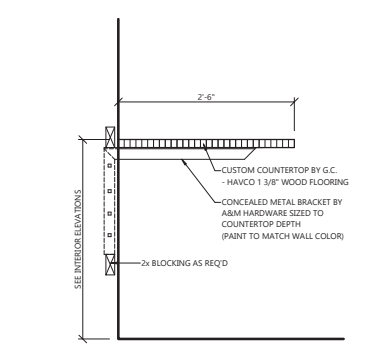
**FIRE EXTINGUISHER**

NOT TO SCALE



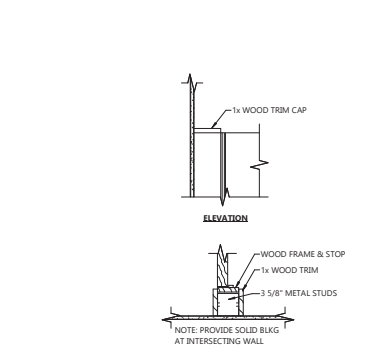
**RECEPTION DESK DETAIL**

SCALE: 1" = 1'-0"



**COUNTERTOP DETAIL**

SCALE: 1" = 1'-0"



**SWING GATE DOOR JAMB**

SCALE: 1" = 1'-0"

**GENERAL NOTES**

- ALLOW FOR DEFLECTION AT TOP OF WALL IN NON-LOAD BEARING APPLICATIONS.
- REFER TO PARTITION MODIFIER SUFFIX 'C'.
- DO NOT FASTEN GYPSUM BOARD TO SLIP TRACK CONNECTION.
- SOUND ATTENUATION BATT INSULATION TO FILL STUD CAVITY.
- DO NOT FASTEN GYPSUM BOARD TO SLIP TRACK CONNECTION.
- SOUND ATTENUATION BATT INSULATION TO FILL STUD CAVITY.
- HOLD GWB OFF FLOOR 5/8" TO PREVENT WICKING. PROVIDE CONTINUOUS NON-HARDENING ACOUSTICAL CAULKING BEADS ON EACH SIDE OF THE BOTTOM STUD RUNNER AT THE THREE-WAY INTERSECTION BETWEEN THE RUNNER, FLOOR AND DRYWALL.
- MULTIPLE LAYER OF GYPSUM BOARD ARE TO BE APPLIED WITH STAGGERED JOINTS.
- LABEL ALL FIRE RATED PARTITIONS ACCORDING TO THEIR RATING WITH STENCILED RED LETTERS - 4" HIGH MIN. AND 1/2" STROKE. LABEL FIRE RATING JUST ABOVE THE FINISHED CEILING OR AT 10'-0" AFF FOR SPACES WITHOUT FINISHED CEILING AT INTERVALS OF NOT MORE THAN 10'-0" APART AND AT LEAST TWICE ON EACH PARTITION.
- SEAL ALL VOIDS AND PENETRATIONS IN FIRE RATED PARTITIONS AS REQUIRED TO MAINTAIN CONTINUOUS FIRE RATINGS.
- COORDINATE WALL CLADDING TYPE AND LOCATION WITH FINISH PLANS AND INTERIOR ELEVATIONS. VERIFY CLADDING THICKNESS APPROPRIATE DETAIL.
- PROVIDE BLOCKING AS REQUIRED AT ALL MILLWORK, WALL MOUNTED TELEVISIONS, BATHROOM GRAB BARS, ETC. TYPICAL OF ALL PARTITION TYPES.

**INTERIOR PARTITION TAG KEY**

DEPTH OF STRUCTURE: XXXXX  
 WALL CONSTRUCTION: XXXXX  
 MODIFIER: XXXXX

DEPTH OF WALL STRUCTURE			
TAG VALUE	BLOCK/CMU	METAL STUD	WOOD STUD
1	-	7/8"	3/4"
2	-	1 1/2"	-
3	-	2 1/2"	-
4	3 5/8"	3 5/8"	3 1/2"
6	5 5/8"	6"	5 1/2"
8	7 5/8"	8"	7 1/4"
10	9 5/8"	-	-
12	11 5/8"	-	-

WALL CONSTRUCTION	
TAG VALUE	DESCRIPTION
B	BLOCK / CMU
D	INSULATED METAL PANEL
M1	METAL STUD (1) LAYER GYPSUM BOARD ON (1) SIDE
M2	METAL STUD (1) LAYER GYPSUM BOARD EACH SIDE
M4	METAL STUD (2) LAYERS GYPSUM BOARD EACH SIDE
W1	WOOD STUD (1) LAYER GYPSUM BOARD ON (1) SIDE
W2	WOOD STUD (1) LAYER GYPSUM BOARD EACH SIDE
W4	WOOD STUD (2) LAYERS GYPSUM BOARD EACH SIDE

TAG MODIFIERS	
MODIFIER	DESCRIPTION
A	NO ACOUSTICAL INSULATION REQUIRED
B	WALL DOES NOT EXTEND TO STRUCTURE - BRACE TOP OF WALL
C	GYPSUM BOARD SHALL ONLY EXTEND 6" ABOVE SCHED. CEILING (1) SIDE ONLY
F	PARTIAL HEIGHT WALL - SEE PLANS FOR WALL HEIGHT
R	ABUSE RESISTANCE GYPSUM BOARD REQ'D ON CORRIDOR SIDE OF WALL
S	SECURITY WALL - GYPSUM BOARD OVER 1/2" PLYWOOD (1) SIDE ONLY

FIRE RATING	
TAG VALUE	DESCRIPTION
.1	1 HR. RATED
.2	2 HR. RATED
.3	3 HR. RATED
.4	4 HR. RATED

**EXCEL**  
 ARCHITECTS • ENGINEERS • SURVEYORS  
 Always a Better Plan  
 100 Camelot Drive  
 Fond Du Lac, WI 54935  
 Phone: (920) 926-9800  
 www.EXCELENGINEER.com

**PROJECT INFORMATION**

PROPOSED DEVELOPMENT FOR:  
**STOUGHTON TRAILERS**  
 1111 VETERANS RD • STOUGHTON, WI 53589

PROFESSIONAL SEAL

**SHEET DATES**

SHEET ISSUE: MAR. 12, 2020

REVISIONS

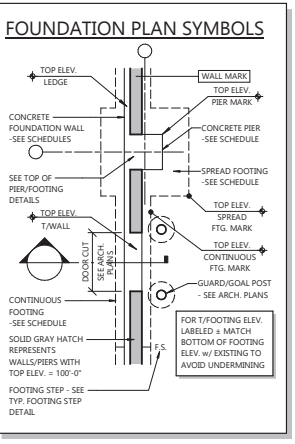
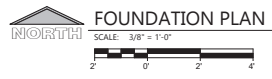
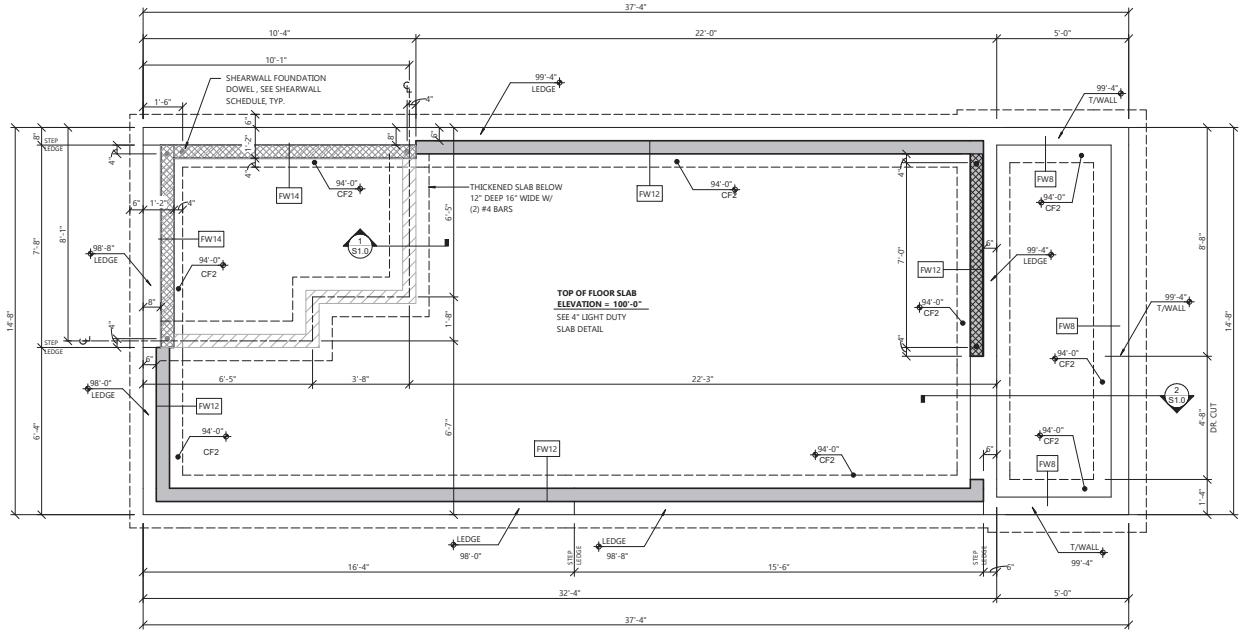
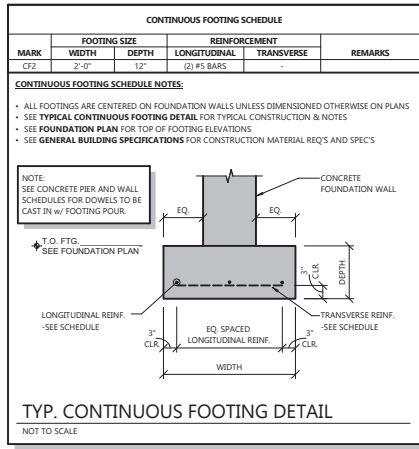
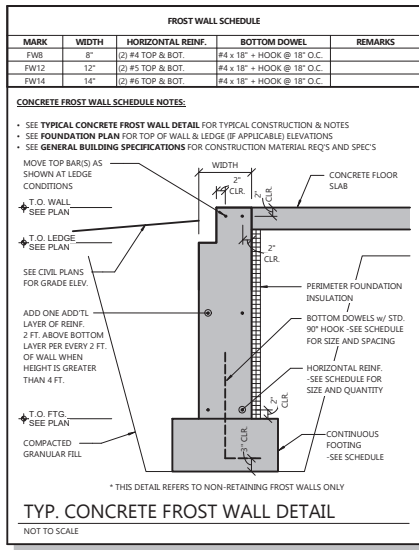
**JOB NUMBER**

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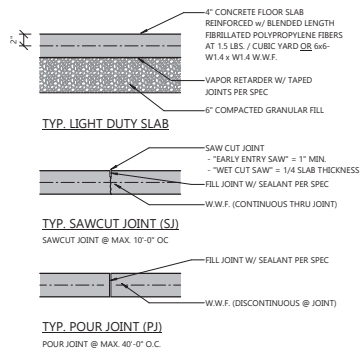
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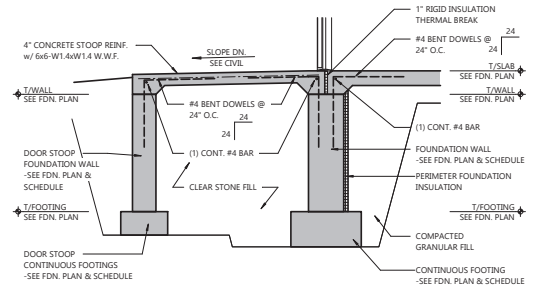




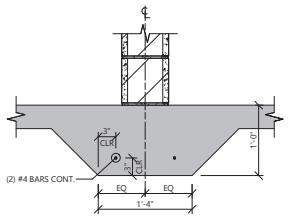
- FOUNDATION NOTES**
- SEE DESIGN LOADS ON SHEET S0.0 FOR ALL DESIGN LOADS NOT SHOWN ON PLANS.
  - SEE GENERAL BUILDING SPECIFICATIONS ON T2 SHEETS AND GENERAL STRUCTURAL NOTES ON SHEET S0.0 FOR ADDITIONAL MATERIAL SPECIFICATIONS.
  - SEE SPECIFICATIONS FOR PERIMETER FOUNDATION INSULATION AND FOUNDATION DRAINAGE PANEL THICKNESS.
  - COORDINATE AND VERIFY ALL UNDERGROUND WORK PRIOR TO POURING CONCRETE FLOOR SLAB.
  - SEE SITE PLANS FOR ADDITIONAL CONCRETE WORK.
  - SEE ARCHITECTURAL FLOOR PLANS FOR TAGS OF ALL GUARDPOSTS & GOALPOSTS. GUARDPOST & GOALPOST SCHEDULE & DETAILS LOCATED ON SHEET A6 SHEETS
  - CMU SHEAR WALL DOWELS ARE A PART OF THIS FOUNDATION DESIGN AND MUST BE PLACED IN COORDINATION w/ THE FOOTINGS AND FOUNDATION WALLS PRIOR TO POURING FOUNDATIONS. THESE DOWELS RUN FROM THE FOOTING UP INTO THE CMU SHEAR WALLS. CONTRACTORS MUST HAVE A CLEAR UNDERSTANDING OF WHAT IS REQUIRED PRIOR TO BEGINNING FOUNDATION WORK. CONTRACTORS ARE TO REVIEW THE CMU SHEAR WALL SCHEDULE AND DETAIL FOR DOWEL INFORMATION AND IDENTIFY ALL LOCATIONS PRIOR TO POURING. CONTACT EXCEL ENGINEERING, INC. WITH ANY QUESTIONS YOU MAY HAVE PRIOR TO BEGINNING WORK.



**4" LIGHT DUTY SLAB DETAIL**  
NOT TO SCALE



**2 DOOR STOOP DETAIL**  
SCALE: 1/2" = 1'-0"



**1 THICKENED SLAB DETAIL**  
SCALE: 1" = 1'-0"



**PROJECT INFORMATION**

PROPOSED DEVELOPMENT FOR:  
**STOUGHTON TRAILERS**  
1111 VETERANS RD • STOUGHTON, WI 53589

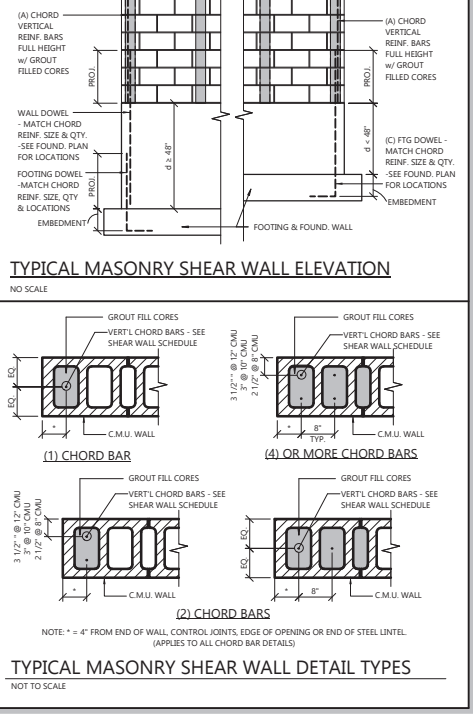
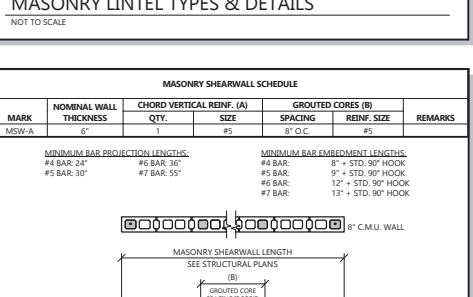
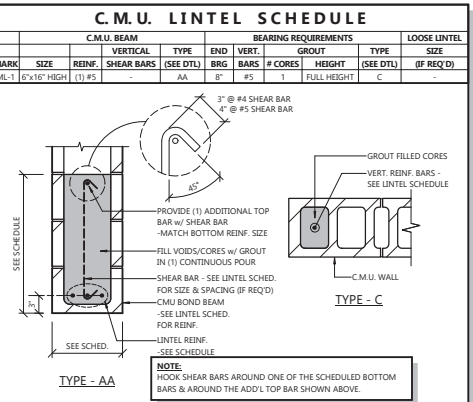
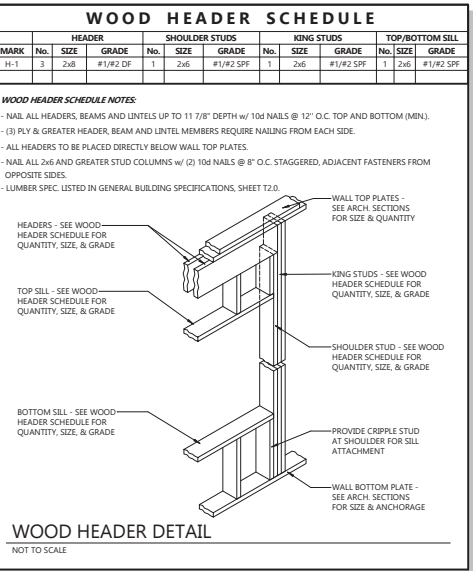
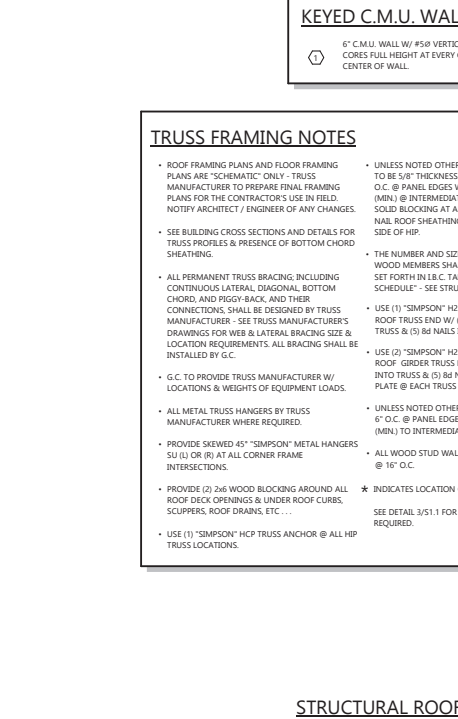
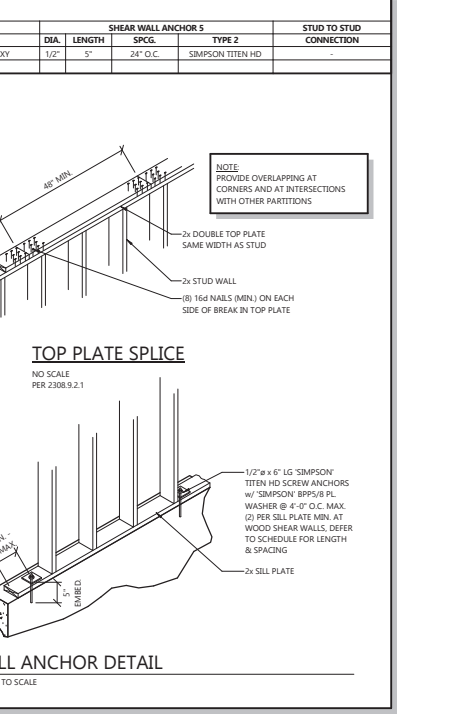
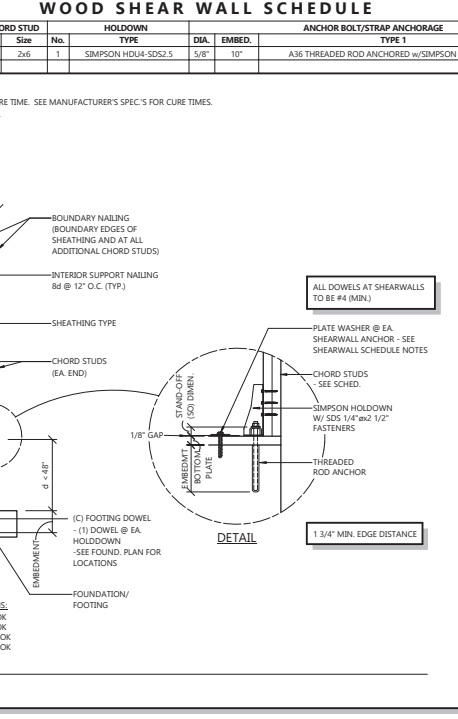
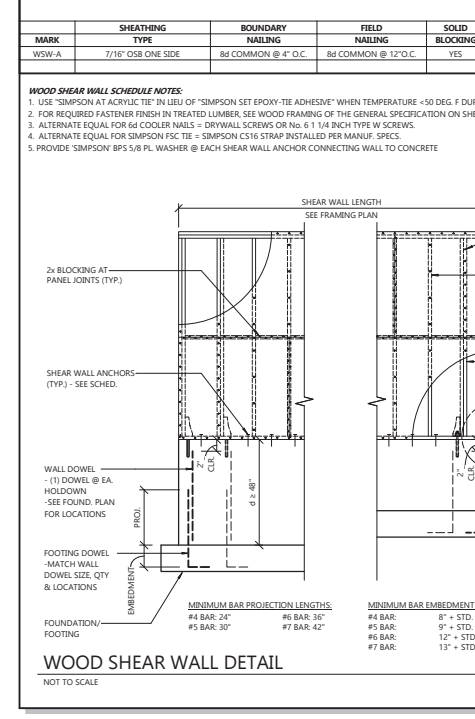
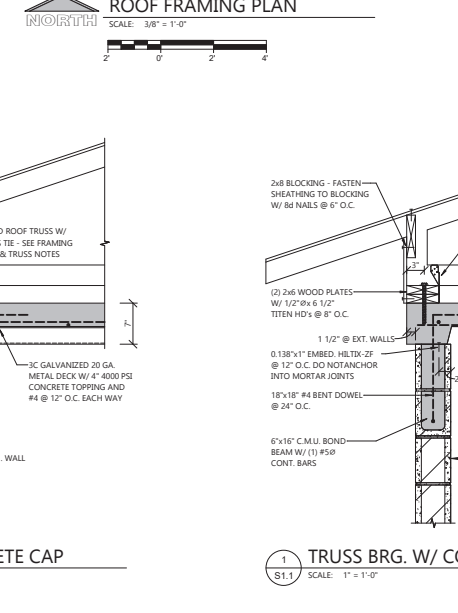
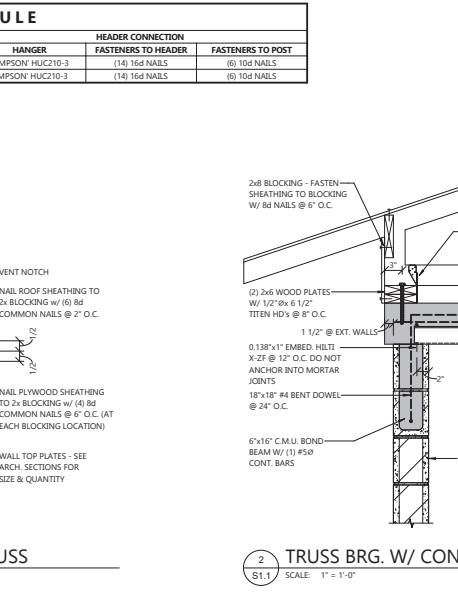
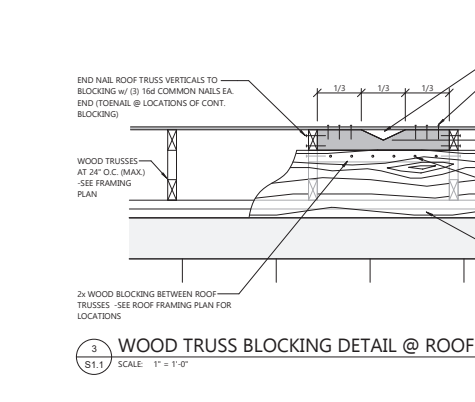
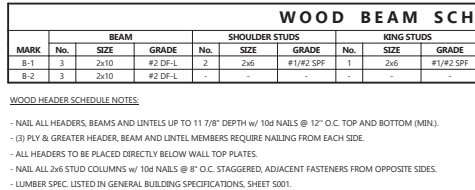
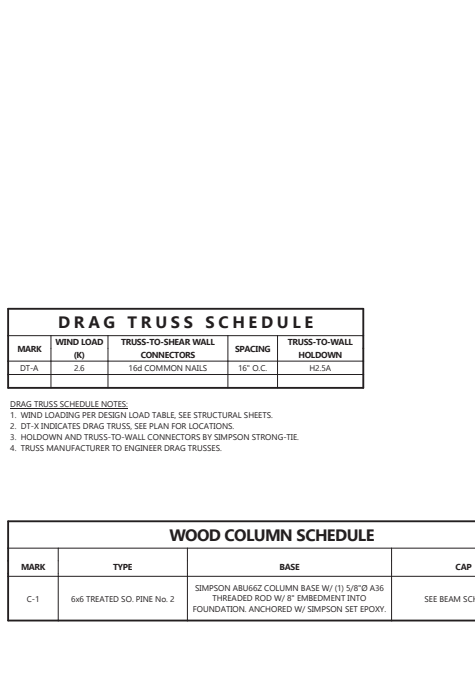
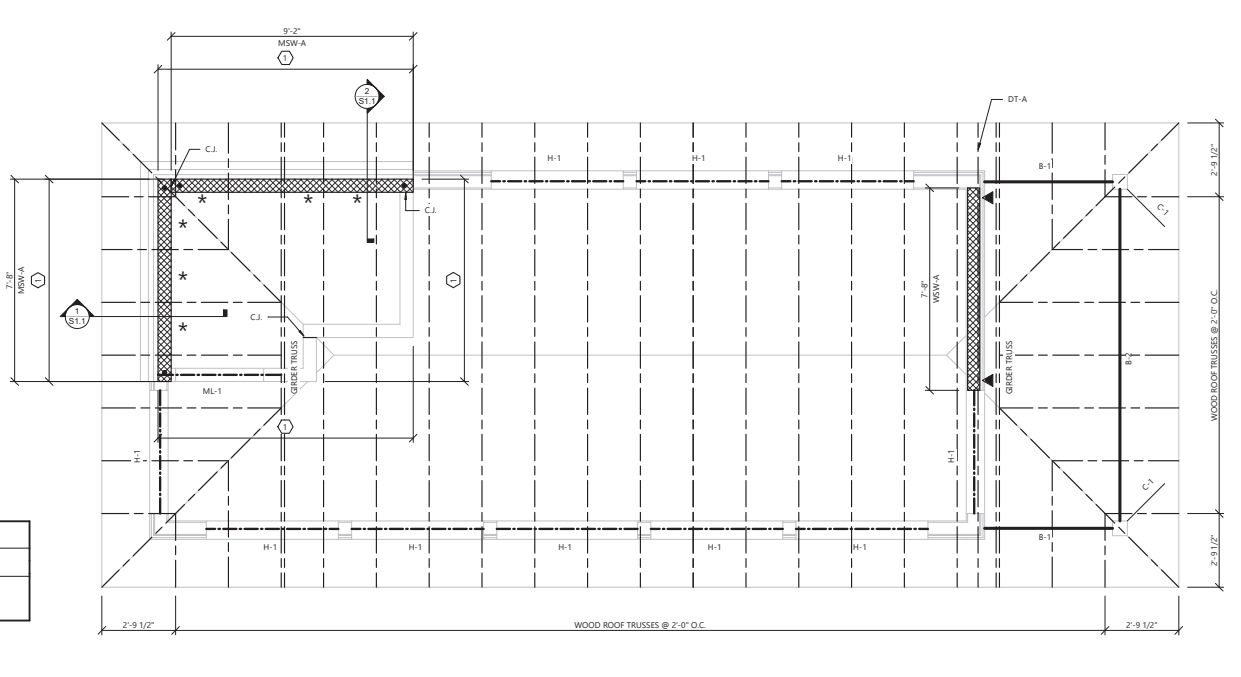
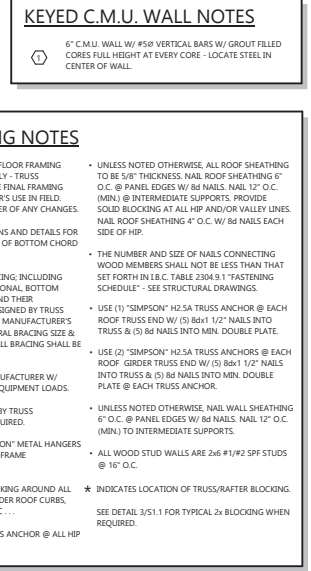
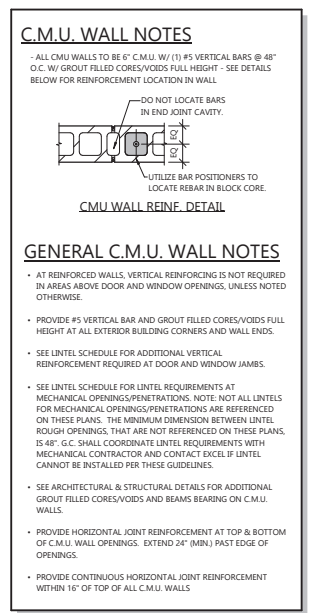
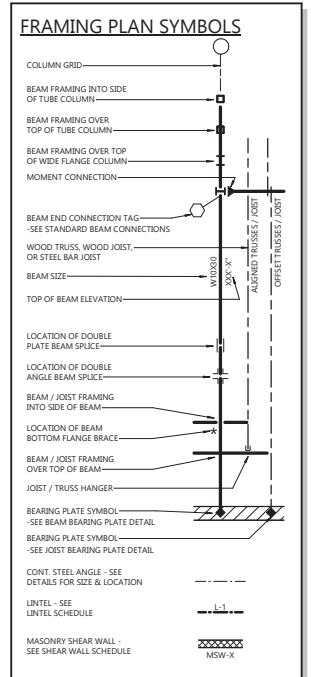
PROFESSIONAL SEAL

SHEET DATES	
SHEET ISSUE	AUG. 27, 2020
REVISIONS	
CB5	AUG. 27, 2020

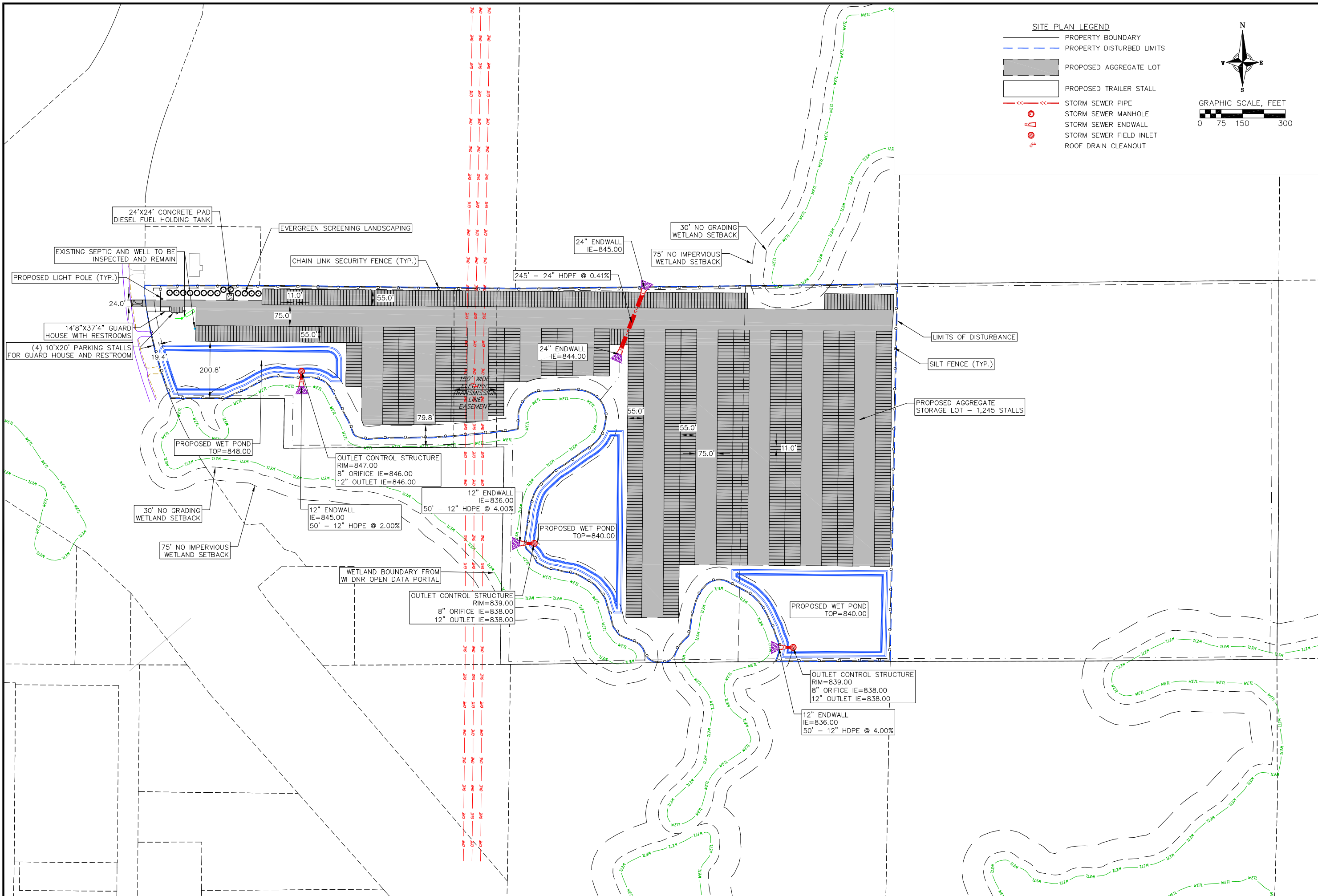
JOB NUMBER  
1932200

SHEET NUMBER  
**S1.0**

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8/26/2020 10:16 AM







**SITE PLAN LEGEND**

- PROPERTY BOUNDARY
- - - PROPERTY DISTURBED LIMITS
- ▨ PROPOSED AGGREGATE LOT
- PROPOSED TRAILER STALL
- STORM SEWER PIPE
- ⊕ STORM SEWER MANHOLE
- ⊙ STORM SEWER ENDWALL
- ⊙ STORM SEWER FIELD INLET
- ⊙ ROOF DRAIN CLEANOUT

**GRAPHIC SCALE, FEET**

0 75 150 300

**Site Plan**  
Stoughton Trailers - Albion Development  
Town of Albion  
Dane County, Wisconsin

REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

DATE: 01/16/2026  
 DRAFTER: ZDRE  
 CHECKED: ZDRE  
 PROJECT NO.: 250910

GENERAL NOTES:

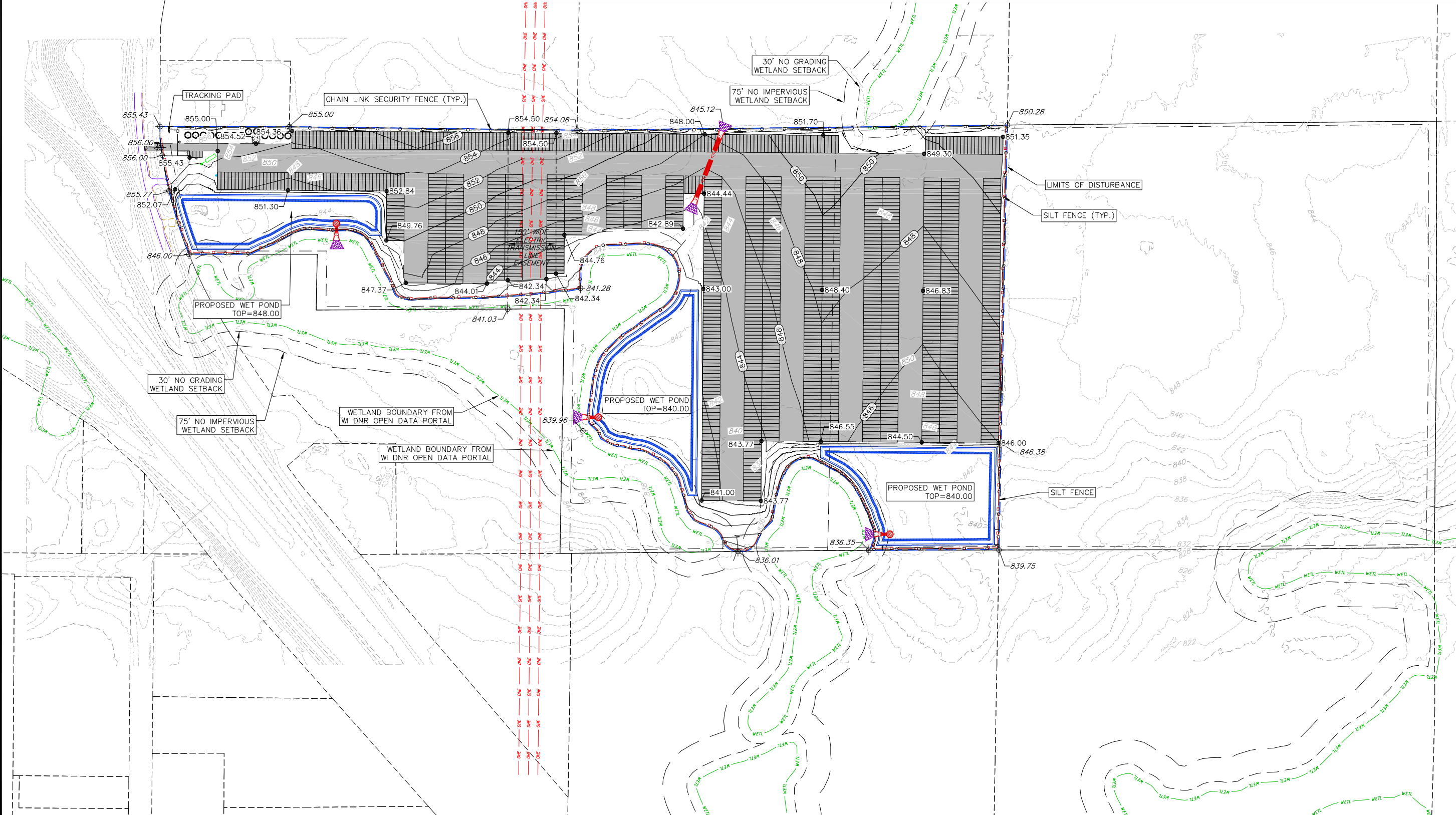
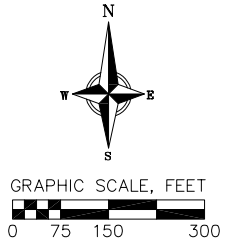
- EXISTING SURFACE CONTOURS ARE BASED ON LIDAR DATA TAKEN FROM DANE COUNTY DATABASE.
- WETLAND BOUNDARIES ARE BASED ON MAPPED WETLANDS FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES SURFACE WATER DATA VIEWER. WETLAND BOUNDARIES MAY CHANGE BASED UPON DELINEATION COMPLETED BY MSA.
- STORMWATER POND AREA ASSUMED TO BE 15% OF SITE DRAINAGE AREA. ACTUAL REQUIRED AREA MAY VARY ONCE MODELING HAS TAKEN PLACE.

GRADING LEGEND

- - - 820 - - - EXISTING MAJOR CONTOURS
- - - 818 - - - EXISTING MINOR CONTOURS
- (820) — PROPOSED MAJOR CONTOURS
- (818) — PROPOSED MINOR CONTOURS
- - - - - SILT FENCE
- - - - - DISTURBED LIMITS
- [Pattern] TRACKING PAD
- [Pattern] RIP RAP

SITE PLAN LEGEND

- — — — — PROPERTY BOUNDARY
- - - - - PROPERTY DISTURBED LIMITS
- [Pattern] PROPOSED AGGREGATE LOT
- [Pattern] PROPOSED TRAILER STALL
- — — — — STORM SEWER PIPE
- STORM SEWER MANHOLE
- — — — — STORM SEWER ENDWALL
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT



**Grading & Erosion Control Plan**  
 Stoughton Trailers - Albion Development  
 Town of Albion  
 Dane County, Wisconsin

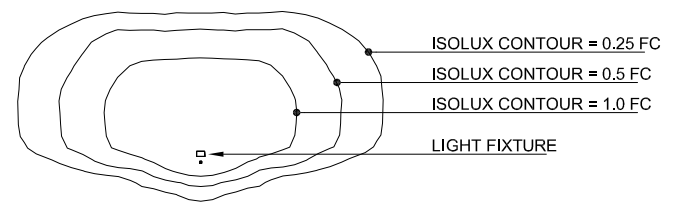
REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

DATE: 01/16/2026  
 DRAFTER: ZDRE  
 CHECKED: ZDRE  
 PROJECT NO.: 250910

16 Jan 2026 - 1:25p M:\Stoughton Trailers\250910 - Albion Property Development\CADD\250910\_Base.dwg by: zdre

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
	A	1	LITHONIA LIGHTING	DSXWPM LED 10C 350 30K T2M MVOLT HS	DSXWPM LED WITH (1) 10 LED LIGHT ENGINES, TYPE T2M OPTIC, 3000K, @ 350mA, WITH HOUSE SHIELDS	DSXWPM_LED_10C_350_30K_T2M_MVOLT_HS.ies	14'-0" POLE ON 2'-0" TALL CONC. BASE
	B	1	LITHONIA LIGHTING	DSXWPM LED 10C 530 30K T3M MVOLT HS	DSXWPM LED WITH (1) 10 LED LIGHT ENGINES, TYPE T3M OPTIC, 3000K, @ 350mA WITH HOUSE SIDE SHIELDS	DSXWPM_LED_10C_530_30K_T3M_MVOLT_HS.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE

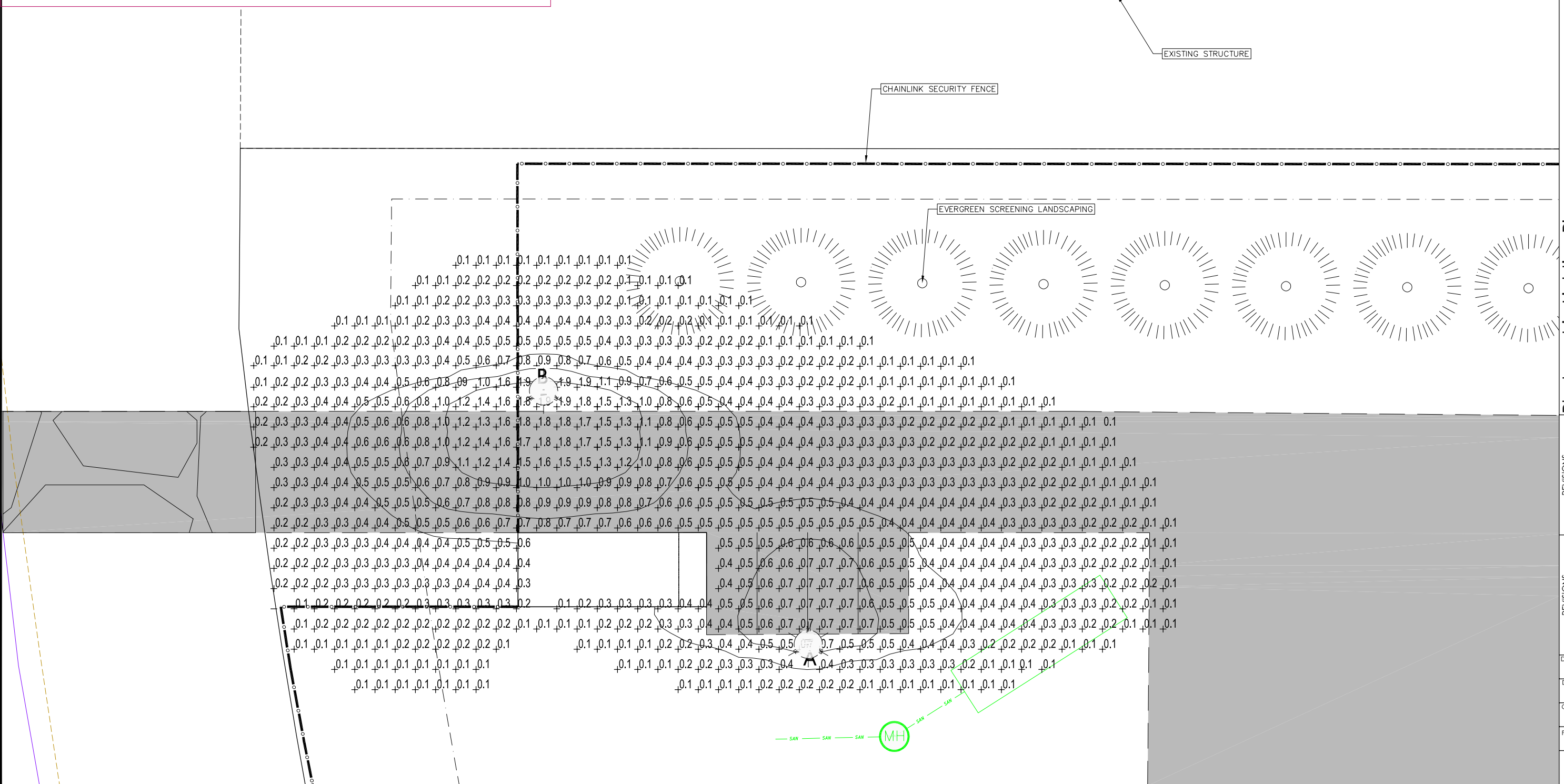
**EXAMPLE LIGHT FIXTURE DISTRIBUTION**



**SITE PLAN LEGEND**

- PROPERTY BOUNDARY
- PROPERTY DISTURBED LIMITS
- PROPOSED AGGREGATE LOT
- PROPOSED TRAILER STALL
- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER ENDWALL
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT

GRAPHIC SCALE, FEET



REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

DATE: 01/16/2026  
 DRAFTER: ZDRE  
 CHECKED: ZDRE  
 PROJECT NO.: 250910

## Rezone 12253 Legal Description

### PARCEL 1:

Part of the S 1/2 of the NW 1/4 of Section 26, T.5 N., R.12 E. of the 4th P.M., Town of Albion, County of Dane, State of Wisconsin, described as follows: Commencing at the West quarter corner of said Section 26; thence N. 89°52' E. 1298.03 feet, along the South line of said S 1/2, to the point of beginning of this description; thence N 1°11' E. 763.15 feet; thence S. 89° 52' W. 773.93 feet; thence N. 1° 11' E. 174.00 feet; thence S.89° 52' W. 530.60 feet; thence N. 0° 45' E. 390 feet more or less, along the West line of said Section 26, to the North line of said S. 1/2; thence Easterly, along the North line of said S. 1/2, 2136 feet more or less to point 534 feet West of the East line of said S. 1/2; thence Southerly, parallel to the East line of said S. 1/2, 1320 feet more or less to the South line of said S. 1/2; thence S. 89° 52' W. 838 feet more or less, along said South line, to the point of beginning of this description;  
EXCEPTING THEREFROM all that part thereof conveyed to the State of Wisconsin, Department of Transportation, by a Warranty Deed dated December 18, 2014, recorded December 23, 2014, as Document No. 5119286, in the office of the Register of Deeds for Dane County, Wisconsin.

### PARCEL 2:

The East 534 feet of the SE. 1/4 of the NW. 1/4 of Section 26, T. 5 N., R. 12 E. of the 4<sup>th</sup> P.M., Town of Albion, County of Dane, State of Wisconsin.