



**LANCASTER COUNTY**  
CAREER & TECHNOLOGY CENTER

BID OENING November 28, 2023	TIME OF BID OPENING 2:00 P.M., Prevailing Local Time	INSURANCE REQUIREMENTS Liability See General Terms & Conditions
BID ITEM Loading Dock Area Modifications		
PAYMENT BOND (PA Bond Law) Individual Projects over \$5,000	PERFORMANCE BOND (PA Bond Law) Individual Projects over \$5,000	CONTRACT PERIOD OR DATE DELIVERY REQUIRED From 12/01/2023-5/17/2024
CONTACT PERSONS Mr. Frank Ayata, Business Manager; Mr. Timothy Klein, Director of Facilities		PHONE 717-464-7060
LOCATION Business Office, 1730 Hans Herr Drive, Willow Street, PA 17584		

### INVITATION TO SUBMIT PROPOSALS

The Lancaster County Career and Technology Center (the “CTC” or “Owner” or “School”) is accepting proposals from companies to demo existing loading dock wall, steps, landing and excavate for new wall. Relocate wall as depicted in drawings included in this BID. Construct new wall with aluminum railing as shown as well as new stairs with railing, and expanding the existing concrete pads. Modify the drains as shown in drawings to insure drainage from yard drain and rain leader to existing loading dock drain.

Details:

- PA-1 Call for digging
- Demo +/- 59' of existing wall, landing, steps, spoils and haul off site (D1-1)
- Install new wall (A1-1, S1-1, S2-1)
- Install 4" footer drain +/-60' to yard drain
- Install 4" rain leader to yard drain +/- 65'
- 2a stone backfill behind wall and pitch the repaired paving as needed for slope
- Install new steps and hand rail (S1-1)
- Install new trench drain (A1-1)
- Replace landing and garage door threshold
- Install temporary safety barriers around dig site
- Do not block existing loading ramp for deliveries while under construction
- All waste and debris must be hauled away offsite

### AFFIRMATION OF COMPANY SUBMITTING A PROPOSAL

The undersigned company affirms and declares:

- 1) That this contract proposal is executed and signed by the company official with full knowledge and acceptance of the provisions of the General terms & Conditions, Specifications and Proposal which are made a part of the contract.
- 2) That should any part of this proposal be accepted in writing by the CTC within sixty (30) calendar days from the date of proposal opening, said company representative will furnish and deliver the commodities

and/or services for which this proposal is made, in the quantities and at the prices submitted, and in compliance with the Specifications.

PROPOSAL: The undersigned, accepting the conditions set forth herein, hereby agrees in strict accordance therewith, to furnish and deliver the commodities and/or services to the School named at the prices submitted herein.

Type of Business	<input type="checkbox"/> Proprietorship	<input type="checkbox"/> Partnership	<input type="checkbox"/> Sub Chapter S Corp.	<input type="checkbox"/> Corporation
Company Name		Doing Business As (Trade Name)		
Business Address		City	State	Zip Code
Signature of Person Authorized to Sign This Proposal		Title	Date	
Print Name of Signer		Phone	Fax	
Further information and references on any individual or company submitting a proposal may be required by the Lancaster County Career and Technology Center prior to the acceptance of a proposal.				

General Instructions:

Proposals are to be:

- \* **Submitted in duplicate unless otherwise indicated in the specifications.**
- \* Submitted using the blank proposal forms furnished.
- \* Submitted in a sealed opaque envelope utilizing the enclosed label, with the company's name and address in the upper left-hand corner.
- \* Made out and signed in the corporate, or other, name of company and its representative. In addition, an authorized person must fully and properly execute the proposal.

Proposals received later than the time and date specified will not be considered.

Amendments to or withdrawal of proposals received later than the time and date set for the opening will not be considered.

Company representatives may be present at the proposal opening.

The Lancaster County Career and Technology Center may require further information and references on any individual or company submitting a proposal prior to a proposal's acceptance.

A contract shall not be awarded to any corporation, firm or individual who is not in good standing with their respective industry and in compliance with all laws and regulations surrounding its work.

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TO ALL PROSPECTIVE COMPANIES:

The Chief Financial Officer will appreciate your assistance in making a careful study of the specifications and proposal for the purpose of offering suggestion as to contract period, quantities, purchasing terms, detailed specifications, trade customs, etc., which you believe to be for the best interest of the Lancaster County Career and Technology Center.

**PROPOSAL**

The undersigned \_\_\_\_\_, with its principal place of business in the municipality of \_\_\_\_\_, submits herewith, in conformity with the general terms and conditions and specifications for the above-mentioned proposal, the following proposal for: Loading Dock Area Modifications Excavation and Relocation

Description (see details on page 1)	Total Cost
Labor (excavation, demo, etc.)	
Materials (pipe, drain fittings, etc.)	
Materials concrete, railing, etc.	

Notes: Proposal is contingent upon approval of the Joint Operating Committee (school board).  
Service can begin on 12/01/2023 and must conclude by 5/17/2024.

<b>TERMS:</b>	Cash Discount	%	Days	Net Cash	Days
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Company Name	Date	Phone	
Address	City	State	Zip Code
Name (Print)	Title		
Sign	Receipt Of Addenda Is Acknowledged (If Applicable):		
	No.	Date	No. Date

**EXCEPTIONS**

The undersigned company proposes the following Exceptions to the Specifications for Loading Dock Area Modifications excavation and relocation.

Any price change related to the said Exceptions are specifically stated herewith. Supplementary data submitted with the proposal describes the Exceptions in detail.

Name (Print)	Phone
Sign	Date
Title	

## **SPECIFICATIONS**

For

### **Loading Dock Area Modifications**

**Intent:**

**excavation and relocation**

The purpose of this proposal is to secure a vendor who will excavate and relocate Loading Dock Area Modifications at the Willow Street Campus premises of the Willow Street Campus at 1730 Hans Herr Drive Willow Street, PA 17584. Work should be performed from 12/01/2023 to 5/17/2024.

**Basis of Award:**

This contract will be awarded to the responsive and responsible company offering the best pricing per hour and for materials per unit.

**General:**

Interested companies are encouraged to visit and inspect the school site (address above) before submitting a proposal in order to familiarize themselves with work requirements. Additional information, if required, can be obtained from the Director of Facilities, Mr. Tim Klein, at 717-869-2008. The principal (Jeremy King), Maintenance Tech (Tim Lefever) at the school will assist in inspection and review. Failure to visit schools will not relieve the contractor of their obligation to confirm their ability to perform the work indicated in the specifications.

**Contract Period:**

Work should not begin until at least December 1, 2023, but should conclude no later than May 17, 2024. The work is to be performed Monday through Friday during hours from 7:00 am-5:00 pm. Beginning of demolition and completion of the project must be within a three-week time period.

**Service Contractor Requirements:**

1. Vendor must submit registration numbers of service vans and license numbers of technicians for said vans.
2. Vendor must supply all labor, materials, tools, trucks, equipment, etc. as required to provide service.
3. Contractor is responsible for disposing of all obsolete or damaged equipment.
4. Labor will be paid on an hourly basis. Invoice is to be for actual time on the job. Travel time will not be paid. Prevailing wage rates may apply.

## **GENERAL TERMS AND CONDITIONS**

All proposals are subject to the General Terms and Conditions, Specifications and Contract Proposal as provided.

**Price:** Proposal prices will include delivery, F.O.B. destination, without extra compensation.

**Taxes:** The Lancaster County Career and Technology Center is exempt from the payment Sales Tax in the State of Pennsylvania. Such taxes should not be included in the proposal price. Exemption certificates will be furnished to the successful company.

Award: The CTC reserves the right to make an award which, in its judgment, following proposal evaluations, best meets the specifications and is deemed in the best interest of the Lancaster County Career and Technology Center. The CTC reserves the right to increase or decrease all quantities indicated.

The CTC further reserves the right to reject any or all proposals, in whole or in part; to award any item, group of items or total proposal unless otherwise specified by the company, and to waive informality or technical defects, if, in its judgment, the best interests of the Lancaster County Career and Technology Center will be so served.

Price Discrepancies:

In the event there is a discrepancy between the unit price and extended price the unit price will prevail.

In the event there is a discrepancy between the written price and numeric price the written price will prevail.

Laws: All deliveries shall comply in every respect with all applicable laws of the Federal Government and the State of Pennsylvania.

Permits:

It is the responsibility of the successful company to obtain all Federal, State and local permits when needed.

Hold Harmless & Indemnification Agreement:

The selected contractor assumes full responsibility for its negligent acts, errors or omissions and agrees to hold harmless and indemnify the Lancaster County Career and Technology Center, its agents and servants, from and against any and all claims, suits, damages, costs, losses and expenses resulting from such negligent acts, errors or omissions while conducting activities associated with this proposal.

Non-Collusive Proposal Statement

The company, being fully informed regarding the accuracy of the statements made herein, certifies that:

- a. The proposal has been arrived at by the company independently and has been submitted without collusion with, and without any agreement, understanding, or planned common course of action with, any other vendor of materials, supplies, equipment, or services described in the invitation to submit a proposal, designed to limit independent competition, and,
- b. The contents of the proposal have not been communicated by the company or its employees or agents to any person not an employee or agent of the company or its surety on any bond furnished with the proposal, and will not be communicated to any such person prior to the official opening of the proposal.

The company further certifies that this statement is executed for the purposes of inducing the Lancaster County Career and Technology Center to consider the proposal and make an award in accordance therewith.

Non Discrimination Clause:

The Contractor hereby agrees that neither he nor his subcontractors will refuse to hire or employ or to bar or to discharge from employment an individual or to discriminate against him in compensation or in terms, conditions or privilege of employment because of race, color, religious creed, age, sex, national origin or ancestry, except in the case of bona fide occupational qualification or need.

The Contractor further agrees that neither he nor his subcontractors will discharge, expel or otherwise discriminate against any person because he has opposed any unfair employment practice or because he has filed a complaint or testified or assisted in any proceeding. The advertisement of employment

opportunities will be carried out in such a manner as not to restrict or discriminate against individuals because of their race, color, religious creed, age, sex, national origin or ancestry, except in the case of a bona fide occupational qualification or need.

Safety Standards:

All contractors and their employees, agents and subcontractors are required to comply with all EPA, NFPA and OSHA safety standards at all times while working on site. The Contractor and employees, agents and subcontractors found to be in non-compliance may be removed from the work site, as well as subject to forfeiture of payment and/or contract termination. The School reserves the right to inspect the work site at any time for safety compliance. The School may require the contractor as well as any agents and subcontractors to provide a copy of their OSHA 300 log for the three previous years for review.

Performance, Labor and Material Bond (If Applicable):

As required under the Pennsylvania Bond Law for any public project in excess of \$5,000, to insure the faithful execution of the contract, according to its provisions, the company awarded the contract will be required to provide at its own expense, to the Lancaster County Career and Technology Center, a Performance Bond for the full amount of the contract and also furnish a Labor and Material Bond. The bond must be written by a company licensed to write business in the State of Pennsylvania, on forms satisfactory to the CTC and shall be furnished prior to the issuance of a Contract or a Purchase Order.

Payment Terms:

Payment terms will be considered in an award under the following conditions:

**Preferred Payment Terms:**

The minimum payment time is 20 days from receipt of invoice.

It shall be understood that the cash discount period will be from receipt of invoice and not from the date of the invoice.

Liability Insurance (If Applicable):

The General Terms and Conditions require the company awarded the contract to maintain in force during the performance of the work policies of workers' compensation insurance, employer liability, bodily injury liability and property damage insurance covering the operations of the contractor and the use of all motor vehicles employed by the contractor. A certificate of insurance evidencing this fact that the contractor has secured the required insurance shall be filed with the Lancaster County Career and Technology Center at the time of the execution of this contract. **It is further required that the Lancaster County Career and Technology Center be named as an additional insured.** This should be shown under the description of operations portion of the certificate of insurance. All certificates should also indicate a notice of cancellation complying with state statute.

Minimum Requirements For Certificate Of Insurance

A. Commercial General Liability

- General Aggregate: \$ 2,000,000.00
- Product/Completed Operations Aggregate: \$ 1,000,000.00
- Occurrence Aggregate: \$ 1,000,000.00

B. Automobile Liability

- Liability Limit: \$ 1,000,000.00

C. Excess (Umbrella Liability) Liability

- The requirement that an umbrella policy be provided will depend on a case-by-case evaluation. Your exposure to catastrophic loss arising from the work or service being performed will determine the limit required.

D. Workers Compensation & Employers Liability

- Per Pennsylvania Statutes

Stipulations:

A contract issued as the result of a proposal shall not be considered exclusive. The CTC reserves the right to contract with other vendors for similar services when deemed appropriate at the CTC's sole discretion.

The School maintains the right to withhold payment for unsatisfactory materials and/or workmanship until such time that the defect is corrected. If the defect is not satisfactorily repaired within 60 days, the School may elect to have the repair made by an alternate vendor and subtract the cost from the contractor's invoice. The School also reserves the right to deduct from the vendor's billing any costs incurred as a result of inferior or unsatisfactory materials and/or workmanship.

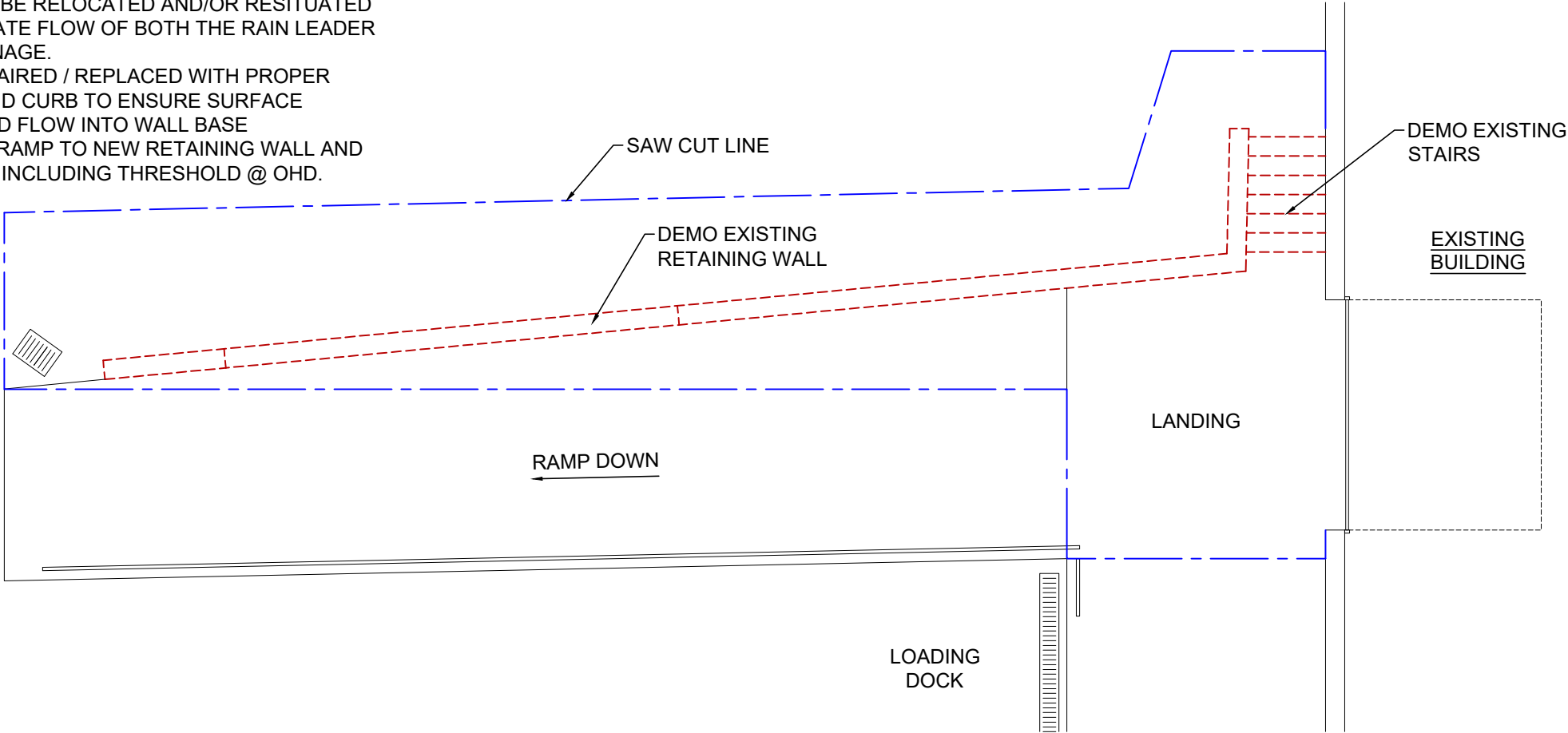
The School reserves the right to cancel the contract at any time with no cost to the School. Any violations of the contract specifications shall be deemed to be justification to cancel the contract. Should it become necessary for the School to write a letter notifying the contractor of unsatisfactory work, it will become the first step in terminating the contract for cause. If it is necessary to repeat this procedure, the second letter will constitute notice of termination of the contract for cause. The School's decision shall be final and without recourse or cost to the School. Furthermore, the School reserves the right to deduct from the vendor's invoices any costs incurred due to the cancellation of a contract for cause. If the cancellation is for budgetary considerations or is based upon the discretionary right of the School then the cancellation shall be upon thirty (30) days written notice.

The School reserves the right not to reject all proposals, and the continuation of a multiple year proposal. The award of each year's contract is contingent upon adoption and approval of budgetary funds for this purpose.



DEMO NOTES:

- 1. PROJECT IS TO REMOVE EXISTING WALL AND CONSTRUCT NEW CONCRETE WALL TO ALLOW GREATER ACCESS TO EXISTING DOCK SURFACE AND OHD.
- 2. EXISTING CONCRETE AND ASPHALT WILL BE SAW CUT.
- 3. DEMOLITION OF EXISTING WALL TO INCLUDE THE EXISTING STAIRS , THE THRESHOLD OF THE DOCK SIDE OHD, AND EXISTING LANDING AS WELL AS THRESHOLD.
- 4. THE NEW RETAINING WALL IS TO BE POURED CONCRETE AND FOLLOW THE GRADE SLOPE WITH 6" +/- ABOVE GRADE. THE TOP OF THE WALL WILL HAVE A METAL HANDRAIL EXTENDING THE GROUND TO RAILING HEIGHT OF 42".
- 5. NEW CONCRETE STEPS ARE TO BE INSTALLED IN THE SAME LOCATION.
- 6. A NEW TRENCH DRAIN IS TO BE INSTALLED ON THE "DRIVE-UP" AND INCLUDE A SPILL PIPE TO ALLOW THE WATER TO DRAIN INTO THE EXISTING DRAIN AT THE LOWER DOCK LEVEL.
- 7. THE TRENCH DRAIN IS TO HAVE A CONCRETE BODY WITH A DROP IN METAL GRATE.
- 8. A NEW RAIN LEADER IS TO BE INSTALLED FROM THE GUTTER DOWNSPOUT TO BE EXISTING YARD DRAIN.
- 9. THE YARD DRAIN TO BE RELOCATED AND/OR RESITUATED TO PROVIDE ADEQUATE FLOW OF BOTH THE RAIN LEADER AND SURFACE DRAINAGE.
- 10. ASPHALT TO BE REPAIRED / REPLACED WITH PROPER DRAINAGE SLOPE AND CURB TO ENSURE SURFACE DRAINAGE AND AVOID FLOW INTO WALL BASE
- 11. EXTEND CONCRETE RAMP TO NEW RETAINING WALL AND POUR NEW LANDING INCLUDING THRESHOLD @ OHD.



1  
D1-1

**DEMO FLOOR PLAN**

SCALE: 1/8" = 1'-0"



James A. Koppenhaver, P.E.  
575 Van Reed Road  
Wyomissing, PA 19610  
484-794-9949

PROPOSED RETAINING WALL  
FOR  
**LANCASTER COUNTY CAREER  
& TECHNOLOGY CENTER**  
1730 HANS HERR DRIVE  
WILLOW STREET, PA 17584

ISSUED  
07/07/2023

REVISED  
-

DESIGNED BY:  
JAK

DRAWING TITLE  
DEMO PLAN

DRAWING NUMBER

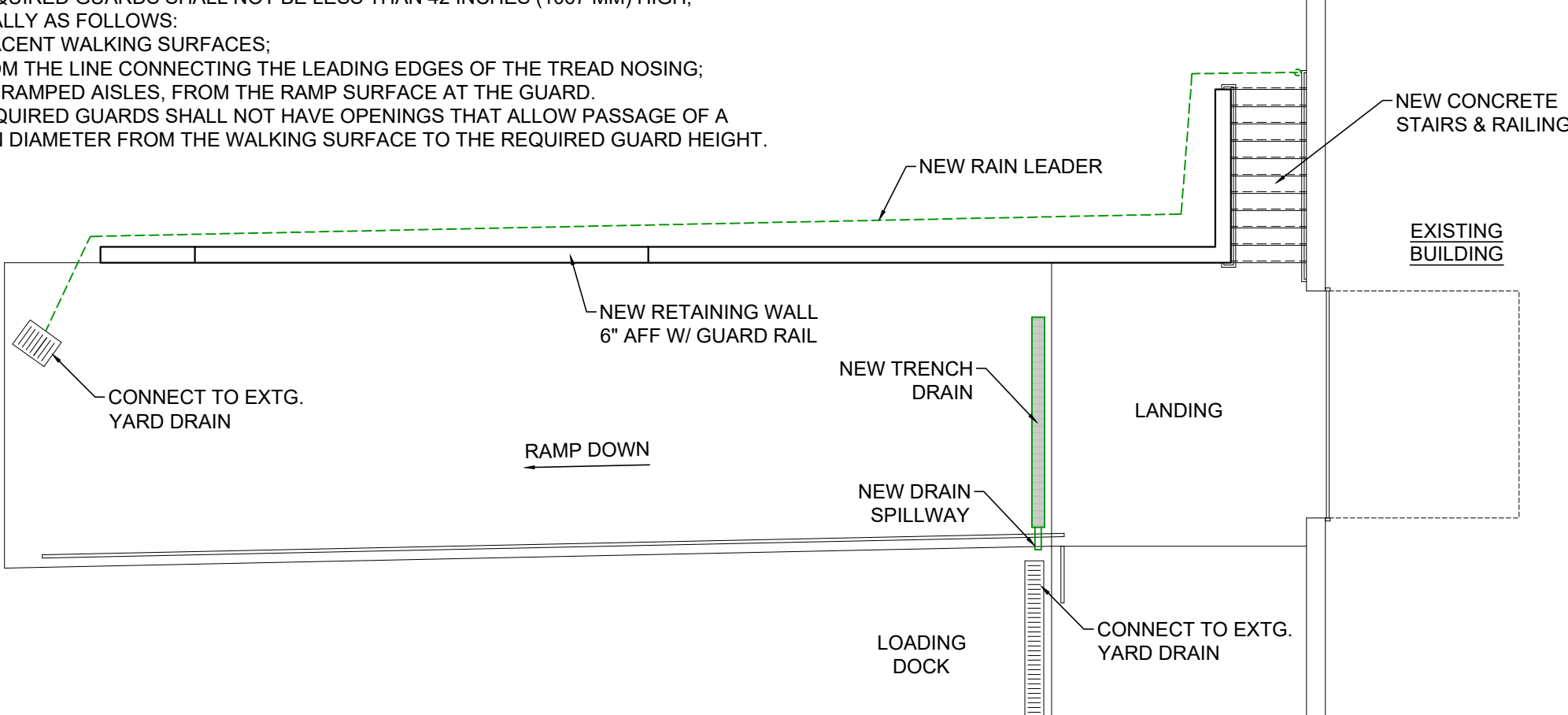
D1-1

COMMERCIAL REQUIREMENTS HANDRAIL:

- 1. SECTION 1014.2: HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSINGS, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES .
- 2. SECTION 1014.4: HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS, WITHOUT INTERRUPTION BY NEWEL POSTS OR OTHER OBSTRUCTIONS.
- 3. SECTION 1014.6: HANDRAILS SHALL RETURN TO A WALL, GUARD OR THE WALKING SURFACE OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT OR RAMP RUN. WHERE HANDRAILS ARE NOT CONTINUOUS BETWEEN FLIGHTS, THE HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12 INCHES BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER. AT RAMPS WHERE HANDRAILS ARE NOT CONTINUOUS BETWEEN RUNS, THE HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12 INCHES MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUNS. THE EXTENSIONS OF HANDRAILS SHALL BE IN THE SAME DIRECTION OF THE STAIR FLIGHTS AT STAIRWAYS AND THE RAMP RUNS AT RAMPS.
- 4. SECTION 1014.7: CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE A MINIMUM OF 11/2 INCHES. A HANDRAIL AND A WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
- 5. SECTION 1015.2: GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, STAIRS, RAMPS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914 MM) HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8
- 6. SECTION 1015.3: REQUIRED GUARDS SHALL NOT BE LESS THAN 42 INCHES (1067 MM) HIGH, MEASURED VERTICALLY AS FOLLOWS:
  - 1.1.1. FROM THE ADJACENT WALKING SURFACES;
  - 1.1.2. ON STAIRS, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSING;
  - 1.1.3. ON RAMPS AND RAMPED AISLES, FROM THE RAMP SURFACE AT THE GUARD.
- 2. SECTION 1015.4: REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT.

STAIRWAYS:

- 1. SECTION 1011.2: THE WIDTH OF STAIRWAYS SHALL NOT BE LESS THAN 44 INCHES.
  - 1.1. EXCEPTION 1: STAIRWAYS SERVING AN OCCUPANT LOAD OF LESS THAN 50 SHALL HAVE A WIDTH OF NOT LESS THAN 36 INCHES.
- 2. SECTION 1011.3: SHALL HAVE A MINIMUM HEADROOM CLEARANCE OF 80 INCHES MEASURED VERTICALLY FROM A LINE CONNECTING THE EDGE OF THE NOSINGS.
- 3. SECTION 1011.5.2: STAIR RISER HEIGHTS SHALL BE 7 INCHES MAXIMUM AND 4 INCHES MINIMUM. THE RISER HEIGHT SHALL BE MEASURED VERTICALLY BETWEEN THE LEADING EDGES OF ADJACENT TREADS.
- 4. SECTION 1011.5.2: TREAD DEPTHS SHALL BE 11 INCHES MINIMUM MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREAD'S LEADING EDGE.
- 5. SECTION 1011.6: THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. THE WIDTH OF LANDINGS SHALL NOT BE LESS THAN THE WIDTH OF STAIRWAYS THEY SERVE. EVERY LANDING SHALL HAVE A MINIMUM DIMENSION MEASURED IN THE DIRECTION OF TRAVEL EQUAL TO THE WIDTH OF THE STAIRWAY. WHERE THE STAIRWAY HAS A STRAIGHT RUN THE DEPTH NEED NOT EXCEED 48 INCHES. DOORS OPENING ONTO A LANDING SHALL NOT REDUCE THE LANDING TO LESS THAN ONE-HALF THE REQUIRED WIDTH. WHEN FULLY OPEN, THE DOOR SHALL NOT PROJECT MORE THAN 7 INCHES INTO A LANDING. WHERE WHEELCHAIR SPACES ARE REQUIRED ON THE STAIRWAY LANDING IN ACCORDANCE WITH SECTION 1009.6.3, THE WHEELCHAIR SPACE SHALL NOT BE LOCATED IN THE REQUIRED WIDTH OF THE LANDING AND DOORS SHALL NOT SWING OVER THE WHEELCHAIR SPACES.



1  
A1-1  
**PROPOSED FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



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484-794-9949

PROPOSED RETAINING WALL  
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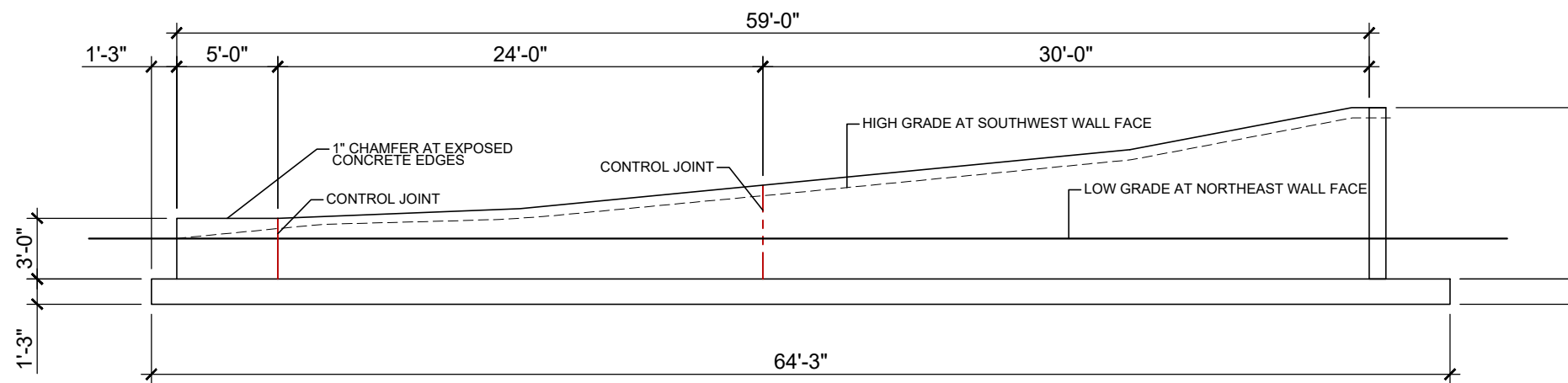
ISSUED 07/07/2023	REVISED -
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DESIGNED BY:  
JAK

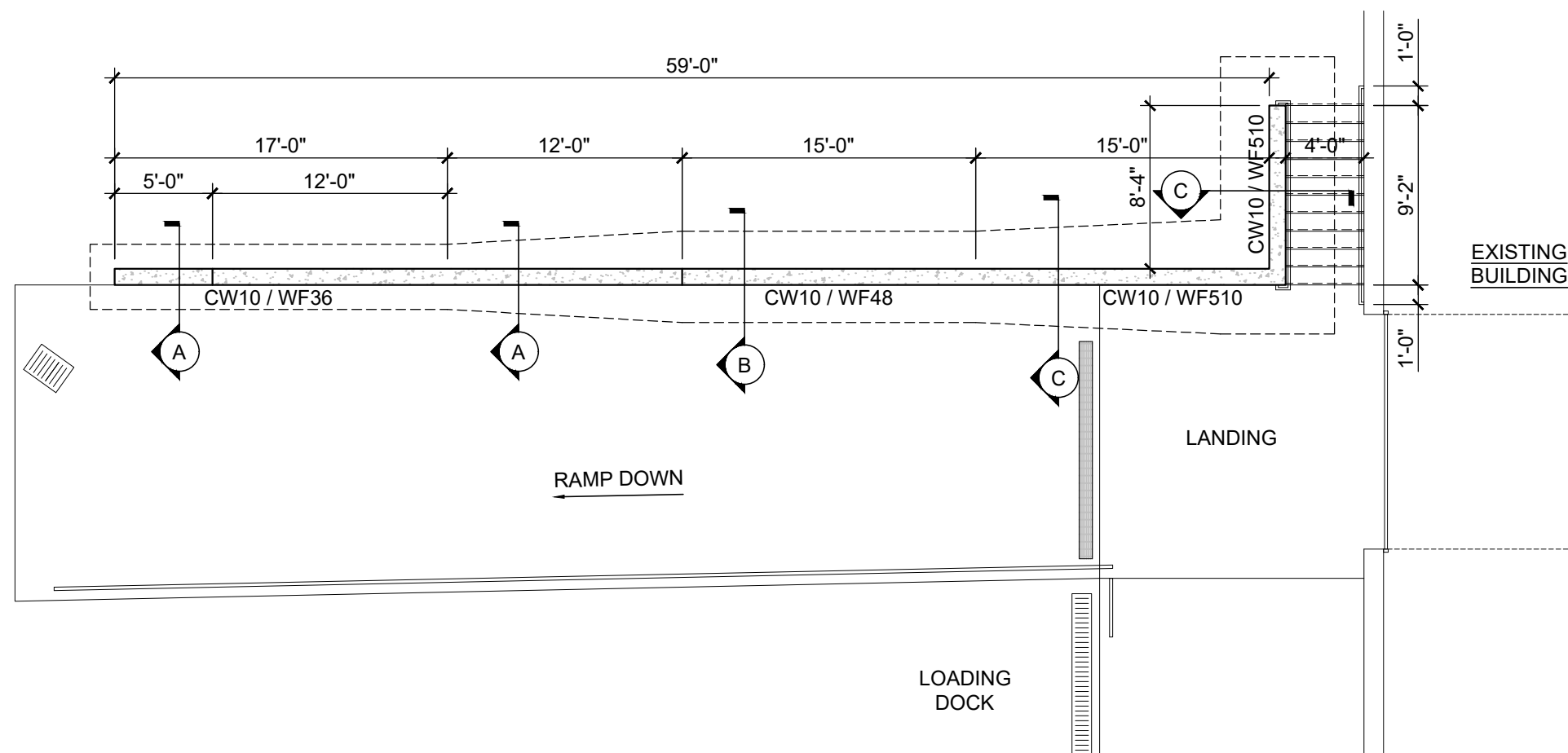
DRAWING TITLE  
FLOOR PLAN

DRAWING NUMBER

A1-1



**WALL ELEVATION LOOKING SOUTHWEST**  
A  
S1-1 SCALE: 1/8" = 1'-0"



**FOUNDATION PLAN**  
1  
S1-1 SCALE: 1/8" = 1'-0"



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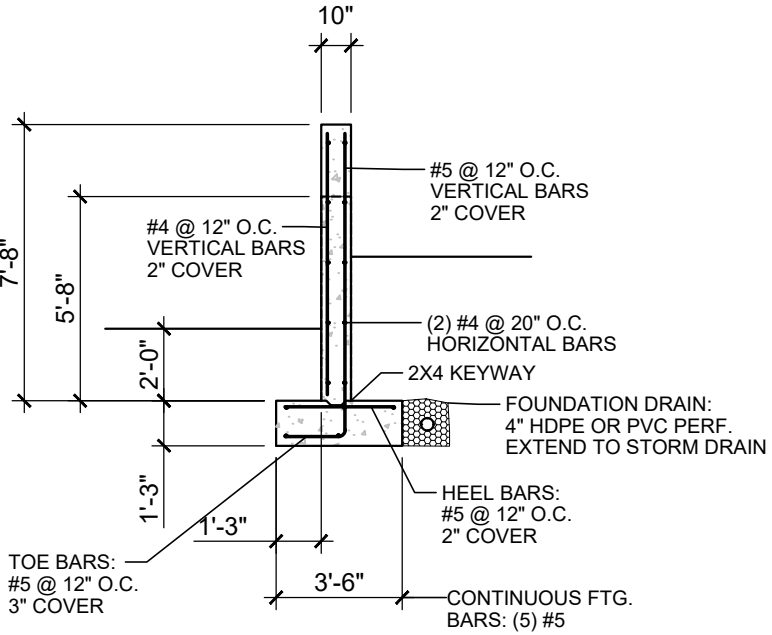
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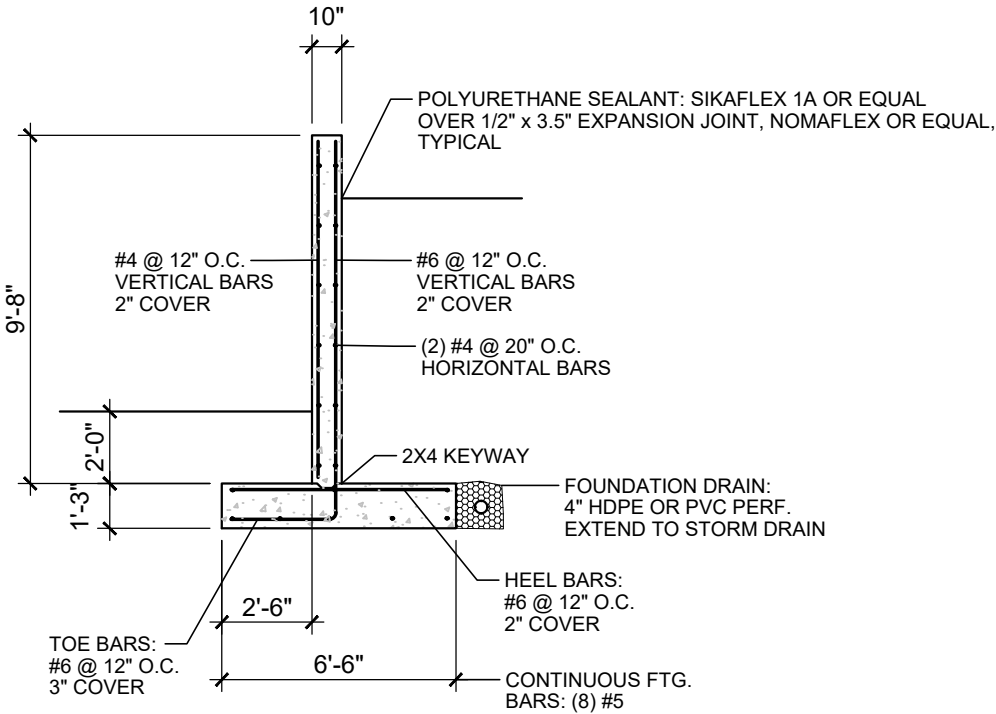
**S1-1**

MATERIALS:

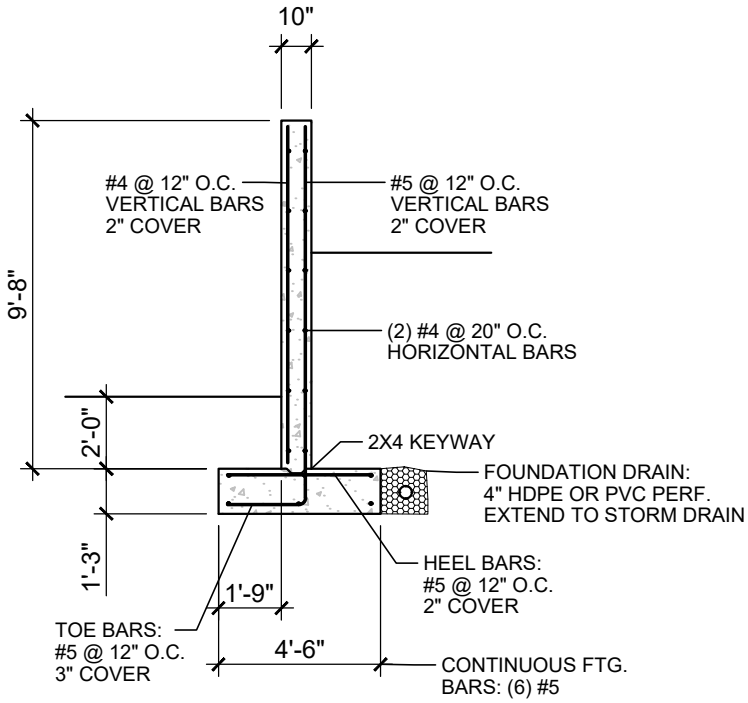
CONCRETE F'C = 3,000 PSI AT 28 DAYS  
AIR-ENTRAINMENT = 4% TO 6% BY VOLUME  
REINFORCING: GRADE 60, GALV.



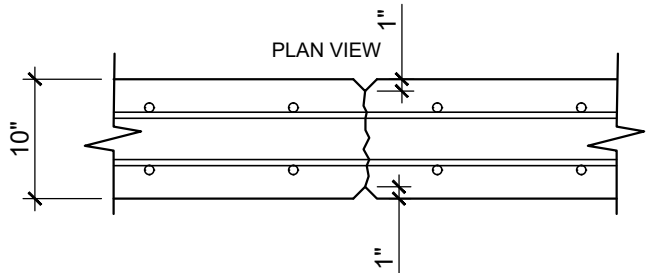
**A**  
S2-1  
**WALL SECTION 'A'**  
SCALE: 3/16" = 1'-0"



**C**  
S2-1  
**WALL SECTION 'C'**  
SCALE: 3/16" = 1'-0"



**B**  
S2-1  
**WALL SECTION 'B'**  
SCALE: 3/16" = 1'-0"



ALTERNATE BARS CONTINUOUS  
THROUGH JOINT, OTHER BARS  
CUT 6" SHORT

**1**  
S2-1  
**WALL CONTROL JOINT**  
SCALE: 3/16" = 1'-0"



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DRAWING TITLE  
DETAILS

DRAWING NUMBER

S2-1

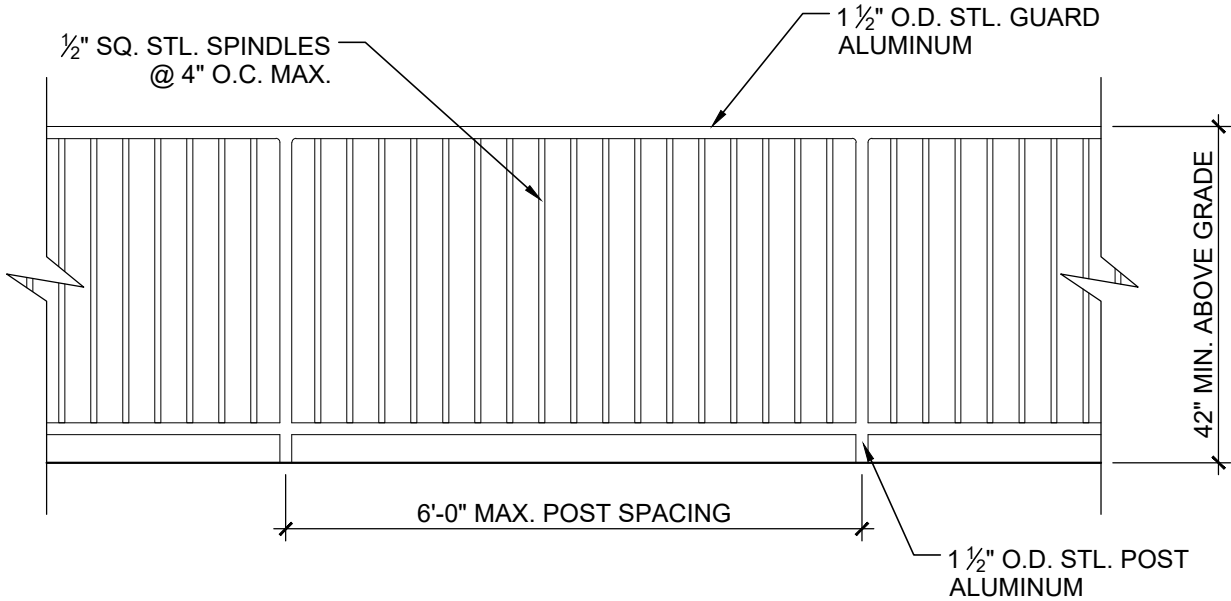
GUARD DETAILS:

1. SECTION 1015.2: GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING MEZZANINES, EQUIPMENT PLATFORMS, STAIRS, RAMPS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914 MM) HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8
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1.1.2. ON STAIRS, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSING;

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1

S2-2

**GUARD DETAIL**

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



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DETAILS

DRAWING NUMBER

S2-2