

Department of Public Works
Engineering Division

May 07, 2024

CITY OF BERKELEY
FY 2023 RETAINING WALL AND STORM DRAIN IMPROVEMENT PROJECT
SPECIFICATION NOS. 23-11616-C & 23-11614-C (RE-ISSUED)
ADDENDUM NO. 2

Dear Bidder:

The following amendments are hereby made to the subject documents:

1. **Plans:** Package A, Drawing S-3.1
REPLACE with attached revised Drawings S-3.1.
Modified: Use (8) #10 Vertical Rebar – Detail#1 / Notes 4
Added : Depth of Piers, Depth = 30 Feet - Detail #4 , Notes 1
2. **Bidder's Proposal Page#13**
REPLACE with attached revised Bidder's Proposal – Page 13
The contractor shall complete all work specified in the contract documents in accordance with the plans and specifications within One Hundred Sixty (160) working days from the date established in the Notice to Proceed.
3. **Bidder's Specifications: Measurement & payment – Drilled Piers Page#TP-A-39**
REPLACE with attached revised "Drilled Pier" Measurement & Payment

The contract price paid per linear foot for "Drilled (Cast in Place) Pier" (Bid Item A-26) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, including rebar, concrete, dewatering, soil testing, off-haul and disposal, and for doing all the work involved is complete in place as shown on the Plans as specified in the Standard Specifications and these Specifications, and as directed by the Engineer.
4. **The Bid Opening time and date have been rescheduled to 2:00 p.m., Thursday, May 16, 2024.**

All other provisions of the contract documents shall remain the same. **Bidders shall submit a signed acknowledgment of Addendum No. 2 along with their Bidder's Proposal. Failure to do so may result in bid rejection.**

The following clarifications are hereby made to the subject documents:

Questions and Responses:

Question: How am I supposed to bid the drilled piers if the actual depths won't be determined until the bid is over and construction begins and when is the expected start date?

Response: Please see Detail 4/S-3.1 Notes 1; Depth of Piers = 30 Feet
Tentatively, it will take two to three months to execute the contract after the bid opening date. The city expects construction to start within one month of contract execution.

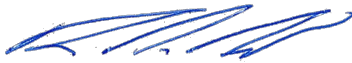
Question: Does the City of Berkeley have their own Bid Guarantee form or will a bonding company's "standard form" work?

Response: The city has no Bid Guarantee Form and accepts an industry-standard Form.

Question: There are two working days specified 160 (Including Closeout process) and 195, I just want to check which one is the correct one?

Response: The contract term is One Hundred Sixty (160) working days, which includes an additional Twenty (20) working days for project closeout beyond the construction time.

Sincerely,



Ronald A. Nevels
Manager of Engineering/City Engineer

BIDDER'S ACKNOWLEDGEMENT:

FY 2023 Retaining Wall and Storm Drain Improvement Project

Name of Company: _____

Address, City, State, Zip: _____

Signature: _____

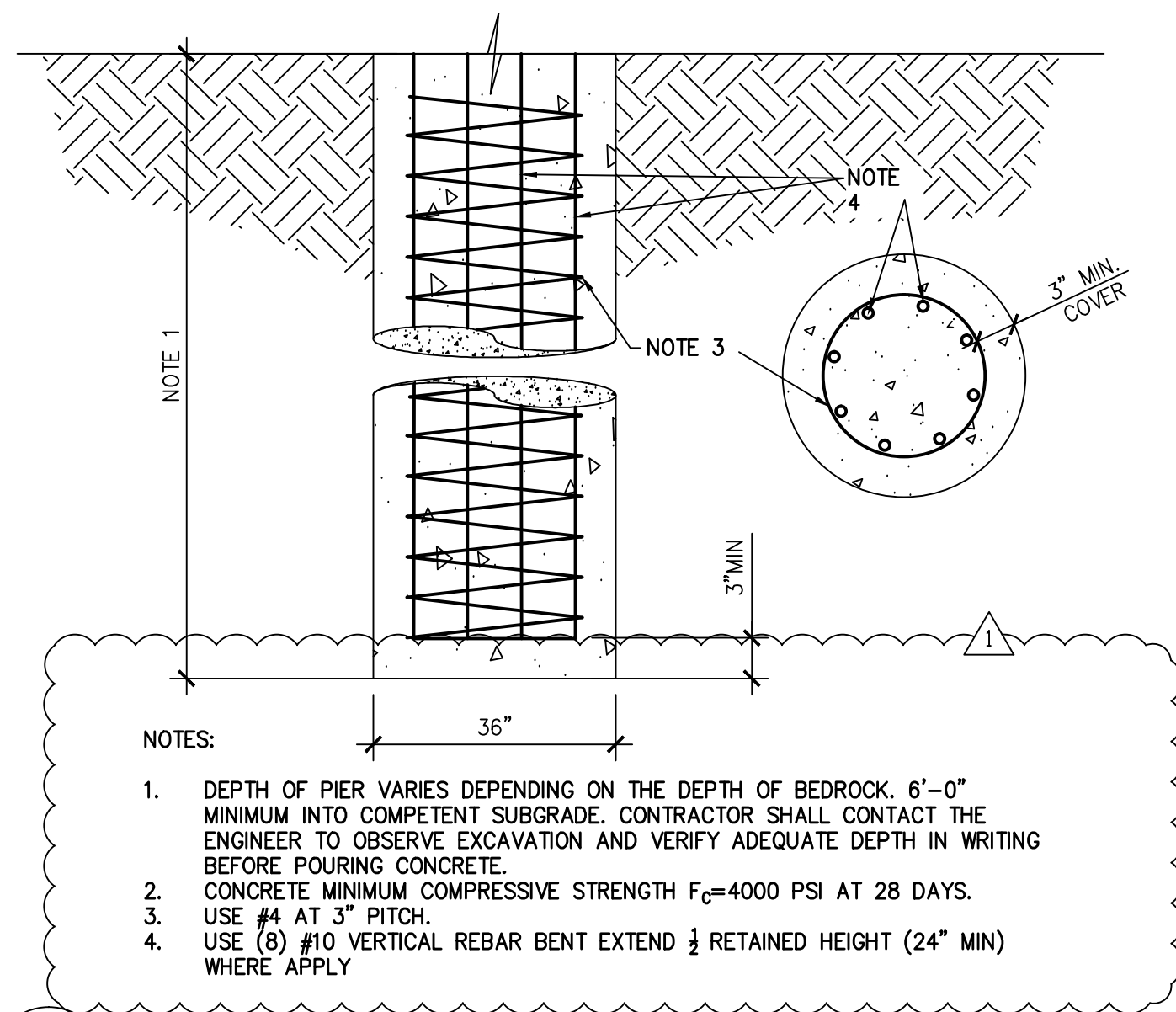
Title: _____

Print Name: _____

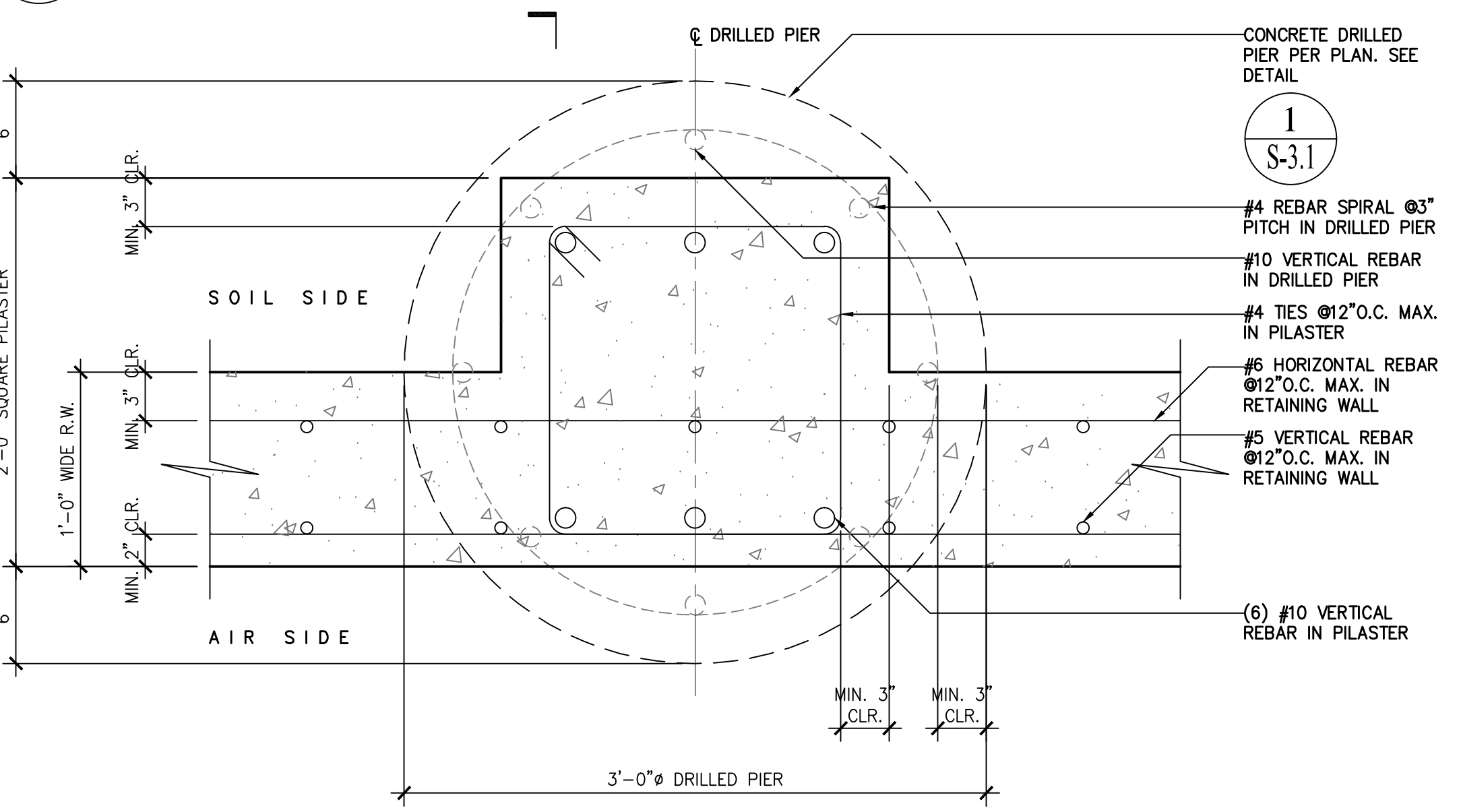
Date: _____

FY 2023 Retaining Wall and Storm Drain Improvement Project
Specification No. 23-11616-C & 23-11614-C
Addendum No. 2
May 07, 2024

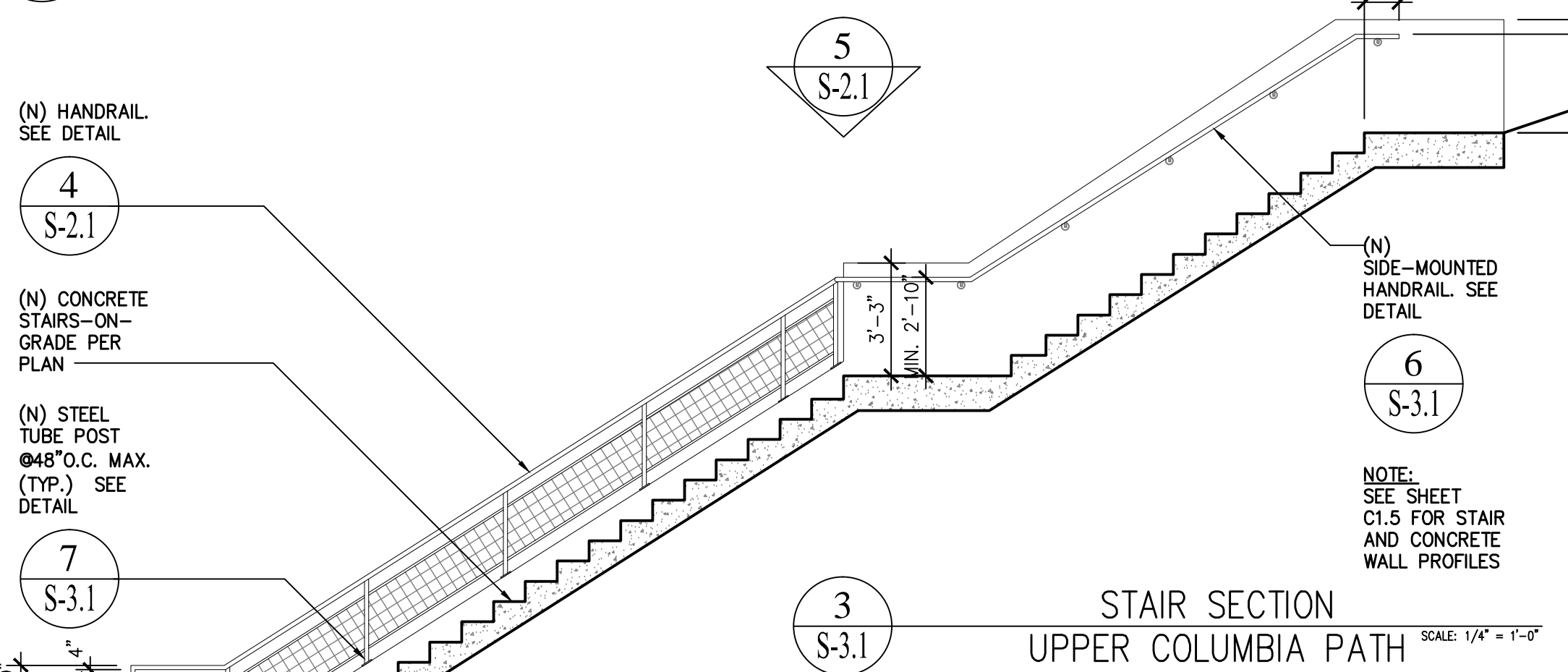
Attachments: Attachment 1, Package A, Drawing S-3.1
Attachment 2, Bidder's Proposal Page #13
Attachment 3, Bidder's Specifications: Measurement & Payment – Drilled Piers
Page#TP-A-39



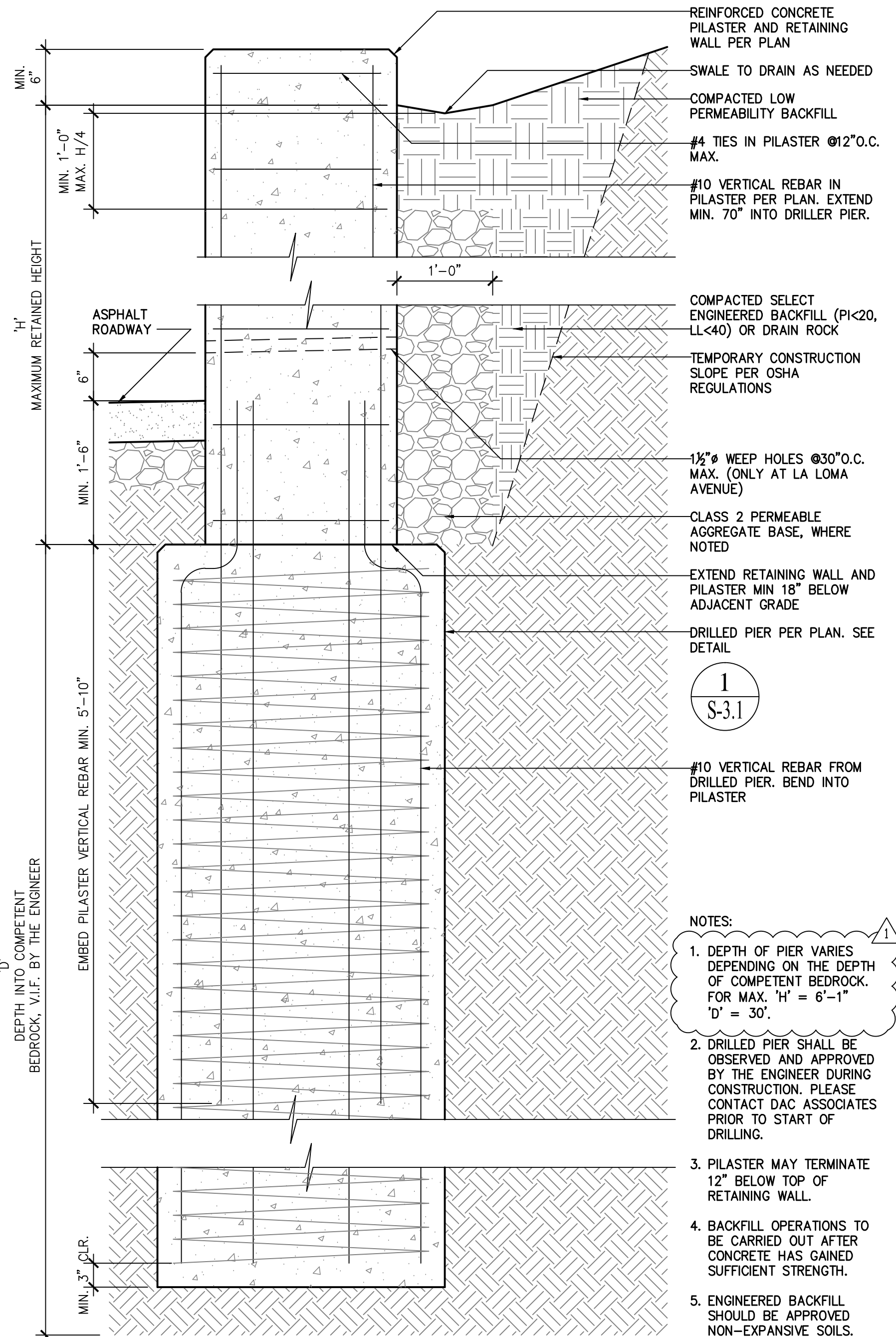
1 STRUCTURAL DETAIL
SCALE: NTS



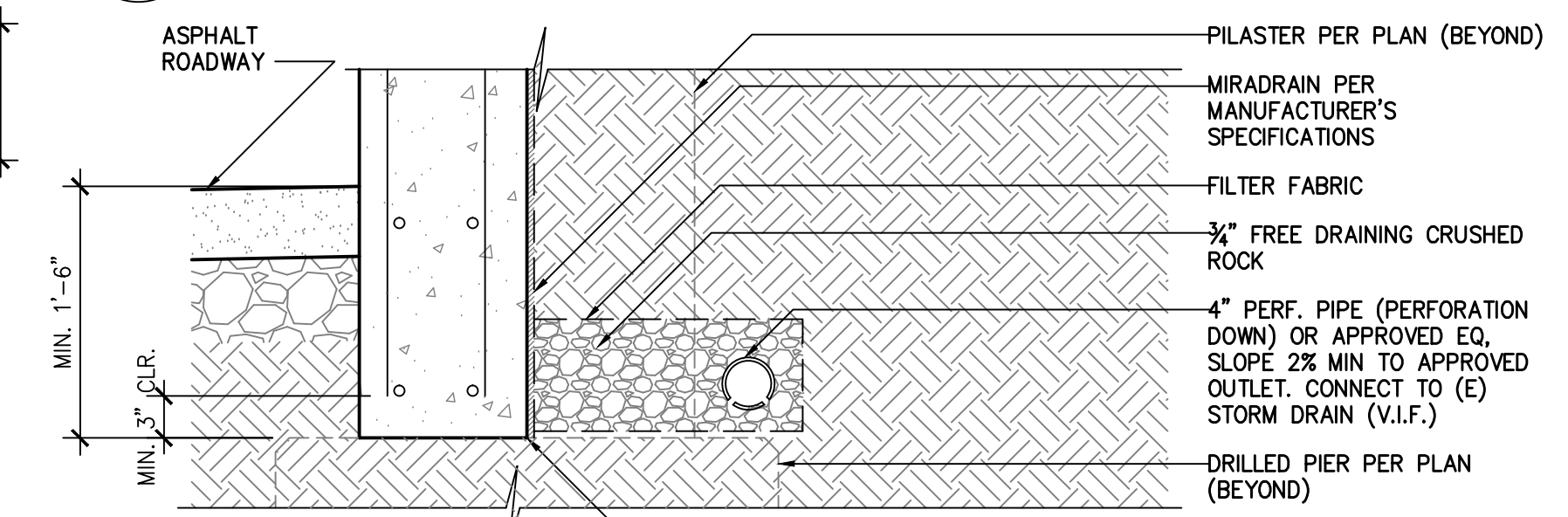
2 PILASTER PLAN DETAIL
SCALE: 1-1/2" = 1'-0"



3 STAIR SECTION UPPER COLUMBIA PATH
SCALE: 1/4" = 1'-0"

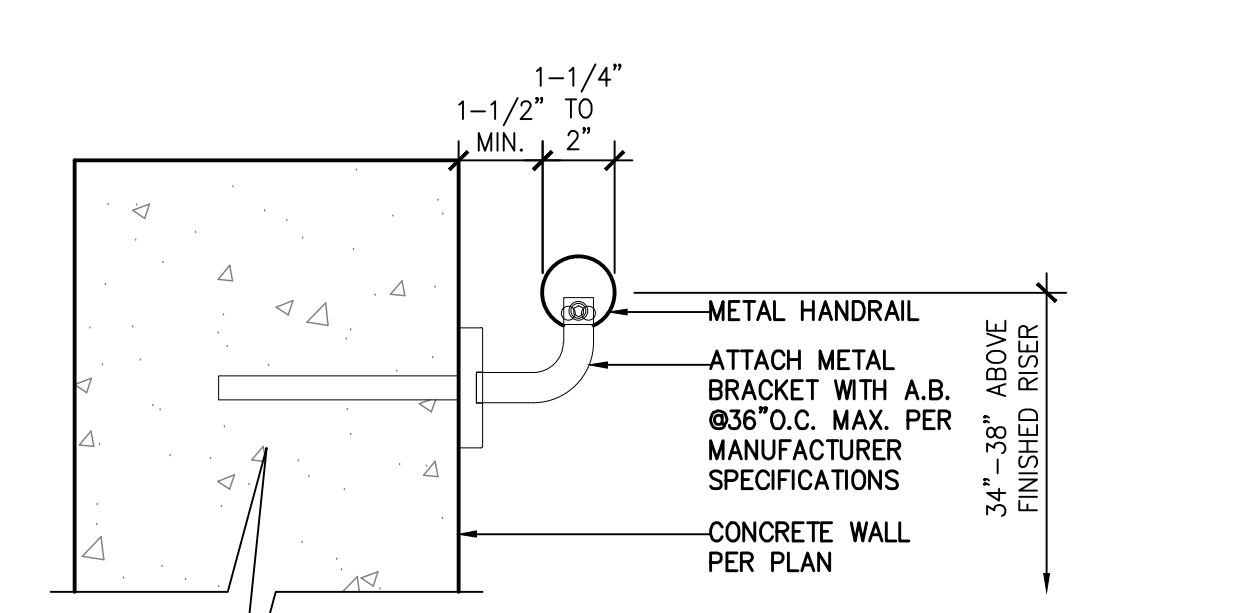


4 PILASTER SECTION DETAIL
SCALE: 1" = 1'-0"

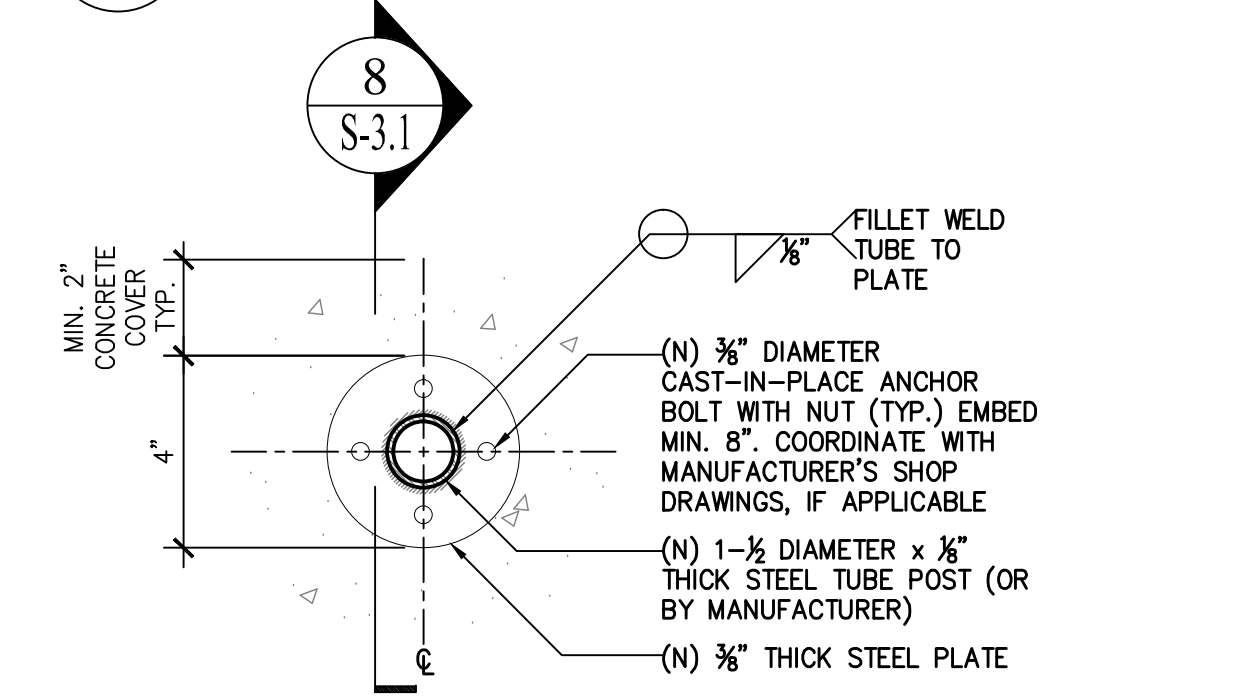


5 SUB-DRAIN SECTION DETAIL
SCALE: 1" = 1'-0"

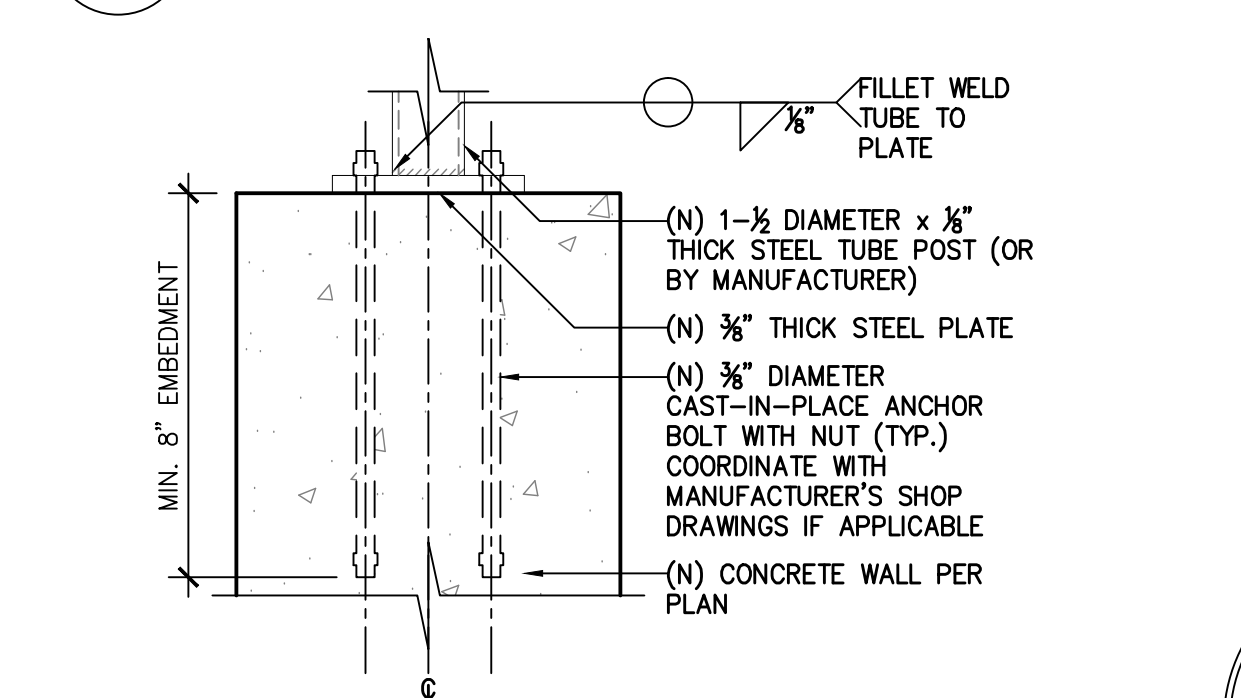
- STAIR NOTES:**
- PROVIDE NOSING AT STAIR TREADS MEASURING LESS THAN 11".
 - WINDER TREADS SHALL MEASURE 10" MIN. AT THE WALK-LINE, 12" INSIDE FROM THE CURVE, CONCENTRIC AND CONSISTENTLY SHAPED AT THE WALK-LINE, 6" MIN. WIDTH ANYWHERE IN THE CLEAR AREA.
 - VARIATION OF NOT MORE THAN 3/8" BETWEEN LARGEST AND SMALLEST RISER HEIGHTS OR LARGEST AND SMALLEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS THAT IS MEASURED FROM NOSE-TO-NOSE OF THE TREADS IS PERMITTED.
 - MIN. CLEAR WIDTH OF STAIRWAY TO BE 36". HANDRAILS SHALL NOT PROJECT MORE THAN 4-1/2" INTO CLEAR WIDTH, LEAVING 31-1/2" WHERE HANDRAIL IS INSTALLED ON ONE SIDE, AND 27" CLEAR WIDTH WHERE HANDRAILS ARE INSTALLED ON BOTH SIDES.
 - WALKING SURFACE OF TREADS AND LANDINGS OF STAIRWAYS SHALL BE SLOPED NO STEEPER THAN 1" VERTICAL IN 48" HORIZONTAL (2%).
 - THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY WITH LENGTH IN DIRECTION OF TRAVEL NOT LESS THAN 36" OR WIDTH OF STAIRWAY SERVED. AN INTERMEDIATE LANDING SHALL BE PROVIDED FOR EVERY 147" OF STAIRWAY HEIGHT. FLOOR OF LANDING IS NOT REQUIRED AT TOP OF INTERIOR FLIGHT OF STAIRS, INCLUDING STAIRS IN ENCLOSED GARAGES, PROVIDED THE DOOR DOES NOT SWING OVER THE STAIRS.
 - HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1-1/2" BETWEEN WALL AND HANDRAILS.
 - HANDRAILS AND GUARDS SHALL BE DESIGNED TO RESIST CONCENTRATED LOAD OF 200 LBS IN ACCORDANCE WITH SECTION 4.5.1 OF ASCE 7.
 - HANDRAIL HEIGHT MIN. 34", MAX. 38", ABOVE FINISHED RISE.
 - HANDRAIL DIAMETER MIN. 1-1/2", MAX. 2". IF NOT CIRCULAR, THE HANDRAIL SHALL HAVE A PERIMETER DIMENSION OF 4" MIN. AND 6-3/4" MAX. WITH A MAX. CROSS SECTION OF 2-1/4".



6 SIDE-MOUNTED HANDRAIL DETAIL
SCALE: 3" = 1'-0"



7 TOP-MOUNTED HANDRAIL PLAN DETAIL
SCALE: 3" = 1'-0"



8 TOP-MOUNTED HANDRAIL SECTION DETAIL
SCALE: 3" = 1'-0"

DAC Darius Abolghasani Consultant & Associates, Inc.
7 Mt. Lassen Drive, Suite A-129
San Rafael, CA 94903
Phone: (415) 499-1919
Email: darius@dacassociates.net

PROJECT MANAGER: _____ DATE _____
SURVEY CHIEF OF PARTY _____ DATE _____
WATERSHED REVIEW: _____ DATE _____

DEPICTION OF MONUMENTS: _____ DATE _____
SUBMITTED: _____ DATE _____
SUPERVISING ENGINEER _____ DATE _____
APPROVED: _____ DATE _____
CITY ENGINEER _____ DATE _____

DESIGN: DA
DRAWN: DL
CHECK: DA
AS BUILT: _____

HORIZ. _____
VERT. _____
BOOK _____
DATE 6/30/2023

CITY OF BERKELEY
DEPARTMENT OF PUBLIC WORKS

FY 2023 RETAINING WALL AND STORM DRAIN IMPROVEMENT PROJECT
S-3.1 STRUCTURAL DETAILS

PLAN 8278
FILE 503-636
S-3.1
SHEET 19 OF 21

| REVISION | MARK | DATE | DESCRIPTION | APPROVAL |
|----------|------|------------|-----------------------------|----------|
| 1 | | 05/06/2024 | ADDENDUM 2 | |
| 1 | | 9/22/2023 | 100% CONSTRUCTION DOCUMENTS | |



Attachment 2

FY 2023 RETAINING WALL AND STORM DRAIN
IMPROVEMENT PROJECT

SPECIFICATION NOS. 23-11616-C & 23-11614-C
(RE-ISSUED)

BIDDER'S PROPOSAL
(continued)

The undersigned bidder agrees to accept payment in full for the work at the price set forth above in accordance with provisions of the specifications and agrees to start within Fifteen (15) WORKING days following issuance of the Notice to Proceed and to complete all work specified in the contract documents in accordance with the plans and specifications within One Hundred Forty (140) WORKING days. The Notice to Proceed will be issued when the contract is fully executed. The contract construction time is inclusive of the time for delivery of materials. By execution of this contract, the City and the Bidder do hereby agree that the value of damage associated with the delay of the work is difficult to ascertain. Therefore the Bidder agrees further to the assessment of liquidated damages in the amount of One Thousand Five Dollars (\$1,500.00) for each working day that the construction work remains incomplete beyond the above construction time. The term of the contract is One Hundred Sixty (160) WORKING days, which includes an additional Twenty (20) WORKING days for project closeout beyond the above construction time.

Company _____ Address _____

Name _____

Signature _____ Phone (____) _____

Title _____ Date _____

Taxpayer I.D. No. _____ Corporation Yes [] No []

(The following spaces to be used by the City)

Pursuant to City of Berkeley Council Resolution No. _____ N.S. adopted on _____, the City of Berkeley agrees to pay _____ the prices set forth above for the Total Bid Items in the amount of _____ (\$_____), in accordance with the terms and conditions set forth in Specification Nos. 23-11616-C & 23-11614-C (Re-Issued). The contractor shall complete all work specified in the contract documents in accordance with the plans and specifications within One Hundred Sixty (160) working days from the date established in the Notice to Proceed.

Dated: _____ By: _____
CITY OF BERKELEY
City Manager

Registered By: _____
Auditor

Attested By: _____
City Clerk

Attachment 3

FY 2023 RETAINING WALL AND STORM DRAIN
IMPROVEMENT PROJECT

SPECIFICATION NOs. 23-11616-C & 23-11614-C
(RE-ISSUED)

The Contractor shall provide 72-hours of advance notice prior to drilling the piers. As noted on the Plans, the depth of the piers will vary based upon the depth of bedrock. The Engineer shall observe excavation and provide guidance to the Contractor when they meet the required depth per pier.

The Contractor shall install steel reinforcement as well as a 2 inch polyvinyl chloride pipe along the entire pier entire length.

The Engineer will collect samples of the concrete for compaction tests as well as complete Gamma-Gamma Logging according to the Caltrans CT-233 test standard. All failed tests will require replacement by the Contractor at no cost to the Engineer.

MEASUREMENT AND PAYMENT

The contract price paid per linear foot for "Drilled (Cast in Place) Pier" (Bid Item A-26) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, including rebar, concrete, dewatering, soil testing, off-haul and disposal, and for doing all the work involved is complete in place as shown on the Plans as specified in the Standard Specifications and these Specifications, and as directed by the Engineer.

BID ITEM NO. A-27 – HOT MIX ASPHALT (TYPE A)

Specifications are for providing asphaltic concrete paving as indicated on drawings. Contractor shall protect concrete pavements and walks, curbs and bases, and other improvements adjacent to the operations with suitable materials. The Contractor shall be responsible for any damage caused by the Contractor's employees or equipment and shall make necessary repairs. All damage caused by the Contractor's operations shall be prepared or replaced as required.

Contractor shall submit Certificate of Compliance from manufacturer for approval prior to installation.

Contractor shall provide submittal for each Respective manufacturer's product data for manufactured products.

MATERIALS

- Hot Mix Asphalt shall be Type A using the Method process and shall conform to the provision in Section 39 "Hot Mix Asphalt" of the Standard Specifications and these Specifications. Hot Mix Asphalt shall be compacted to a relative compaction of not less than 95 percent.

Aggregate grading for the hot mix asphalt shall conform to the grading specified in Section 39-2.02B "Aggregate Gradations" of the Standard Specifications. The base and leveling courses shall be dense graded, 3/4-inch maximum aggregate size and the surface course