



Office of Water Resources, Michael A. Bilandic Building, 160 N. LaSalle St., S-703, Chicago, IL 60601

Illinois Department of Natural Resources, Office of Water Resources
Public Notice

**Construction of New Access for the Evanston Dog Park
In Lake Michigan, at the Evanston Dog Park**

The City of Evanston, 2100 Ridge Avenue, Evanston IL 60201, has applied for an Illinois Department of Natural Resources, Office of Water Resources permit for the construction of a new access structure for its Dog Park, in Lake Michigan at 1631 Sheridan Road, Evanston, IL 60201.

The proposed access structure will consist of the construction of a shore parallel, on grade, cast in place concrete pedestrian ramp and a shore parallel stone revetment. The proposed ramp will be 6ft. wide by 75ft. long with a slope of no greater than 4.5%. The proposed ramp will be constructed on and perpendicular to the south side of an existing steel sheet pile groin. Access to the ramp will be through a gated entrance cut from the existing steel sheet pile groin. The proposed revetment will be constructed lakeward of and parallel to the proposed ramp. The proposed revetment will be up to 100ft. long with a crest elevation of approximately 586ft. and a crest width of approximately 4.9ft. All elevations are International Great Lakes Datum 1985-adjusted (IGLD-85). The proposed project will be reviewed using the Department's Part 3704 Rules. A location map and plans are attached to this notice.

No work is to start on this project unless and until such a time that the permit is issued.

Inquiries and comments regarding the proposed project can be directed to James Casey of the Chicago Office at IDNR/OWR, 160 N. LaSalle Street, Suite S-703, Chicago, Illinois 60601 or james.casey@illinois.gov. An expanded version of the public notice can be viewed at <http://www.dnr.illinois.gov/WaterResources/Pages/PublicNotices.aspx>. Comments will be accepted through **June 10, 2024**.

JOINT APPLICATION FORM FOR ILLINOIS

ITEMS 1 AND 2 FOR AGENCY USE

1. Application Number	2. Date Received
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3. and 4. (SEE SPECIAL INSTRUCTIONS) NAME, MAILING ADDRESS AND TELEPHONE NUMBERS

3a. Applicant's Name: Stefanie Levine Company Name (if any) : City of Evanston Address: 2100 Ridge Ave., Evanston, IL 60201	3b. Co-Applicant/Property Owner Name (if needed or if different from applicant): Company Name (if any): Address: Email Address:	4. Authorized Agent (an agent is not required): Christopher Devick Company Name (if any): SmithGroup Address: 44 E Mifflin Street Madison WI 53703 Email Address:
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Applicant's Phone Nos. w/ code Business: Residence: Cell: Fax:	Applicant's Phone Nos. w/area code Business: Residence: Cell: Fax:	Agent's Phone Nos. w/area code Business: Residence: Cell: Fax:
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STATEMENT OF AUTHORIZATION

I hereby authorize, Christopher Devick to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

05/01/2024

Applicant's Signature
Date

5. ADJOINING PROPERTY OWNERS (Upstream and Downstream of the water body and within Visual Reach of Project)

Name	Mailing Address	Phone No. w/area code
a. Northwestern University		
b. David A Baker		
c. Mathew Mirapaul		
d. VE Grimm & KM Grady		

6. PROJECT TITLE:
Evanston Dog Beach Access

7. PROJECT LOCATION:
Evanston, IL

LATITUDE: 42.04799 °N	UTMs
LONGITUDE: -87.67314 °W	Northing:
	Easting:

STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION	LEGAL DESCRIPT	QUARTER	SECTION	TOWNSHIP NO.	RANGE
		NE	18	41N	14E

<input checked="" type="checkbox"/> IN OR <input type="checkbox"/> NEAR CITY OF TOWN (check appropriate box)	WATERWAY	RIVER MILE (if applicable)
Municipality Name Evanston	Lake Michigan	

COUNTY	STATE	ZIP CODE
Cook	IL	60201

8. PROJECT DESCRIPTION (Include all features):
See Attachment 1, Exhibit JPA-1 and Project Plans

9. PURPOSE AND NEED OF PROJECT:
See Attachment 1, Exhibit JPA-1 and Project Plans

COMPLETE THE FOLLOWING FOUR BLOCKS IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

10. REASON(S) FOR DISCHARGE:
No fill is being discharged to waters of the US

11. TYPE(S) OF MATERIAL BEING DISCHARGED AND THE AMOUNT OF EACH TYPE IN CUBIC YARDS FOR WATERWAYS:
TYPE: No fill is being discharged to waters of the US
AMOUNT IN CUBIC YARDS:
No fill is being discharged to waters of the US

12. SURFACE AREA IN ACRES OF WETLANDS OR OTHER WATERS FILLED (See Instructions)
No fill is being discharged to wetlands or waters of the US

13. DESCRIPTION OF AVOIDANCE, MINIMIZATION AND COMPENSATION (See instructions)
N/A

14. Date activity is proposed to commence
August 19 2024
Date activity is expected to be completed
April 30, 2025

15. Is any portion of the activity for which authorization is sought now complete? Yes No NOTE: If answer is "YES" give reasons in the Project Description and Remarks section. Indicate the existing work on drawings.
Month and Year the activity was completed

16. List all approvals or certification and denials received from other Federal, interstate, state, or local agencies for structures, construction, discharges or other activities described in this application.

<u>Issuing Agency</u>	<u>Type of Approval</u>	<u>Identification No.</u>	<u>Date of Application</u>	<u>Date of Approval</u>	<u>Date of Denial</u>
Illinois Environmental Protection Agency	Final Determination	2024-LM-69046	01/18/2024	04/29/2024	

17. CONSENT TO ENTER PROPERTY LISTED IN PART 7 ABOVE IS HEREBY GRANTED. Yes No

18. APPLICATION VERIFICATION (SEE SPECIAL INSTRUCTIONS)
Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge, the information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities

Signature of Applicant or Authorized Agent
05/01/2024

Date

Signature of Applicant or Authorized Agent

Date

Signature of Applicant or Authorized Agent

Date

- Corps of Engineers Revised 2010 IL Dep't of Natural Resources IL Environmental Protection Agency Applicant's Copy

SEE INSTRUCTIONS FOR ADDRESS

PROJECT Evanston Dog Beach Access DATE 5/1/2024
 PROJECT NO. 13959
 SUBJECT Supplementary Joint Permit
 Application Narrative
 PREPARED BY Chris Devick, SmithGroup

NAME	COMPANY
Jim Casey	Illinois Department of Natural Resources – Office of Water Resources

NOTES

This memorandum provides additional information for the Joint Permit Application of the Evanston Dog Beach Access Project in Evanston IL. The additional narrative provided is organized by the corresponding application box number.

Box 5 (continued)

<u>Linda G Jelinek</u>	<u>1722 Judson Ave, Evanston IL</u> <u>60201</u>	
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Box 8: Project Narrative

From 2019 – 2022, elevated lake levels, lack of seasonal ice cover, and storm waves eroded the beach at Dog Beach, undermining the existing concrete pedestrian access structure at the northern end of the beach. Without safe access from the roadway to the narrow beach, the beach was closed during the 2020-2022 summer seasons. With lowering lake levels and the return of some dry beach width the beach was re-opened to the public, but a long-term resilient solution for ADA-compliant safe public access is needed.

The City of Evanston proposes to build a new accessible path through the vegetated uplands of Clark Street Beach, north of the existing public access. The proposed path consists of 216 linear feet of pile supported timber boardwalk and on-grade cast-in-place concrete walkway and stairs as shown in the attached exhibits. The path includes 3 overlooks and plazas with seating and trash receptacles. The path through the vegetated upland of Clark Street Beach connects to a new entrance onto Dog Beach, through the existing sheet pile groin. The proposed entrance onto Dog Beach includes an on-grade

cast-in-place concrete pedestrian ramp, to provide access as the beach fluctuates in response to lake level variation, and an engineered revetment. The revetment provides protection to the concrete pedestrian ramp from storm waves and Lake Michigan water level fluctuations to minimize future risk of the ramp being undermined and failing.

Proposed typical sections and grading for the project are provided in the attached exhibits. Specific design dimensions for the structures are provided below and shown in the attached project plans:

- Uplands timber boardwalk: 6' wide x 92' long additional details of the boardwalk are provided in the attached project plans (CS100, CS200 and CS501).
- Uplands concrete path: 6' wide x 133' long, includes stairway. Additional details are provided in Sheets CS100 and CS500.
- Uplands overlooks and plazas: 220 SF (south), 135 SF (boardwalk), 422 SF (north). Additional details are provided in CS100, CS500, and CS501.
- Rock Revetment: 586.2 Feet (IGLD85) crest elevation, 4.9 feet Crest Width, up to 100 feet long (shore parallel), 1.5:1 (horizontal:vertical) side slopes, both sides, up to 27 feet wide including crest width. Additional details are provided CS100 and CS300.
- Concrete access ramp: 6 feet wide and 75 feet long with a design slope of no steeper than 4.5%. Details and plan layout are provided in Sheets CS100 and CS500.
- Entry Gate: 5 feet tall x 5 feet wide. Details provided in Sheet CS504.

It is anticipated, based on the surveyed Ordinary High Water Mark (August 2023), that construction of the proposed path and entrance structures will be outside the Ordinary High Water Mark (OHWM) resulting in no fill within waters of the US. Photographs of the OHWM delineation and surveyed topographic data, including OHWM delineation, are provided in the attached exhibits. Additionally no wetlands have been identified within the project limits.

The City of Evanston, which had supported re-vegetation of the Clark Street Beach uplands, commissioned a plant survey to identify rare species within the upland area. Some State listed endangered or threatened species were identified, and the proposed alignment has been adjusted to avoid impacts to them. In addition, some ecologically valuable species were also identified, and these will be transplanted to another location onsite prior to construction of the new pathway. Neither Dog Beach nor Clark Street Beach have known instances of Piping Plover presence, and given the uses of each (off-leash dog run at Dog Beach, and heavily used recreation beach at Clark Street Beach), impacts to Piping Plover are assumed to be negligible or non-existent.

Construction of the project will be completed using land-based equipment (small excavators, skid steers, hand tools, etc.) and construction access, staging and work areas are defined to limit impacts and protect the high priority and sensitive species within the upland area of Clark Street Beach. Construction is anticipated to take place during the off-season, starting on or around August 19, 2024 and substantially complete by May 2025.

Box 9: Purpose and Need of Project

From 2019 – 2022, elevated lake levels, lack of seasonal ice cover, and storm waves eroded the beach at Dog Beach, undermining the existing concrete pedestrian access structure at the northern end of the beach. Without safe access from the roadway to the narrow beach, the beach was closed during the

2020-2022 summer seasons. With lowering lake levels and the return of some dry beach width the beach was re-opened to the public, but a long-term resilient solution for ADA-compliant safe public access is needed. The City of Evanston proposes to build a new accessible path through the vegetated uplands of Clark Street Beach, north of the existing public access, through the existing Clark Street Beach south groin and onto the beach at Dog Beach. This ADA-accessible path will provide users safe access to dog beach as well as a new path and walkway for users of the adjacent park. Construction is anticipated to begin in Summer of 2024 and be completed by summer of 2025.

PROJECT Evanston Dog Beach Access DATE 12/28/2023
 PROJECT NO. 13959
 SUBJECT Ordinary High Water Mark Field Delineation
 PREPARED BY Chris Devick

NAME	COMPANY
File	

NOTES

This memorandum documents the field delineation of the Ordinary High Water Mark at the Dog Beach Access Project. The dog Beach Access project is located along the Lake Michigan Shoreline in Evanston, IL. The project site is generally bounded by Clark Street to the north, Church Street Launch Ramp to the south, Lake Michigan to the east, and Sheridan Road to the west. The Ordinary Highwater Mark (OHWM) for inland fresh waters is the line on the shores established by physical characteristics such as a clear, natural line impressed on the bank; shelving, changes in the character of soil; destruction of terrestrial vegetation; the presence of litter and debris; or other appropriate means that consider characteristics of the surrounding areas. On 08/01/23, a field delineation of the OHWM was conducted based on physical characteristics observed. Weather conditions at the time of the field work were: 68-81 degrees and winds of 0-10 knots from the south.

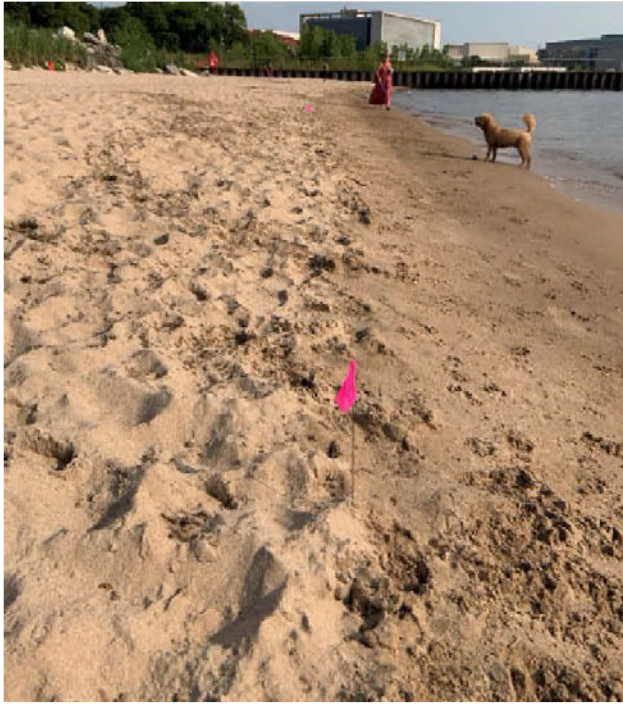
Physical indicators used to identify the OHWM included:

- shelving
- changes in the character of the soil
- the presence of litter or debris

The OHWM was flagged using orange survey flags and surveyed by American Surveying and Engineering. Provided in figure 1 are a series of photos showing the site conditions at the time of the field delineation. Water levels within the last 15 days are provided in Table 1. Water level observations are from NOAA Station 9087044 Calumet Harbor. The average surveyed elevation along the delineated line is approximately 581 feet IGLD 85. Figure 2 shows a plan view of the surveyed OHWM on a 2021 aerial.

Water Level	Elevation (feet IGLD85)
Daily Mean Lake Level (08/01/23)	579.9
Max Mean Daily Lake Level (07/29/23)	580.2

Max 1-hr lake level observation (07/29/23)	581.3
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(Grade change and soil characteristics)



(shelving/scarp erosion and soil characteristics)



(Soil characteristics and debris)



(overview, looking south)

Figure 1: Field Photos of OHHM delineation (text below each image indicates physical characteristics used)

DOG BEACH ACCESS PROJECT

PLAN VIEW – OHWM



1 smithgroup.com

SMITHGROUP

Figure 2: Plan View – OHWM with 2021 Aerial

BID #24-18

EVANSTON DOG BEACH ACCESS

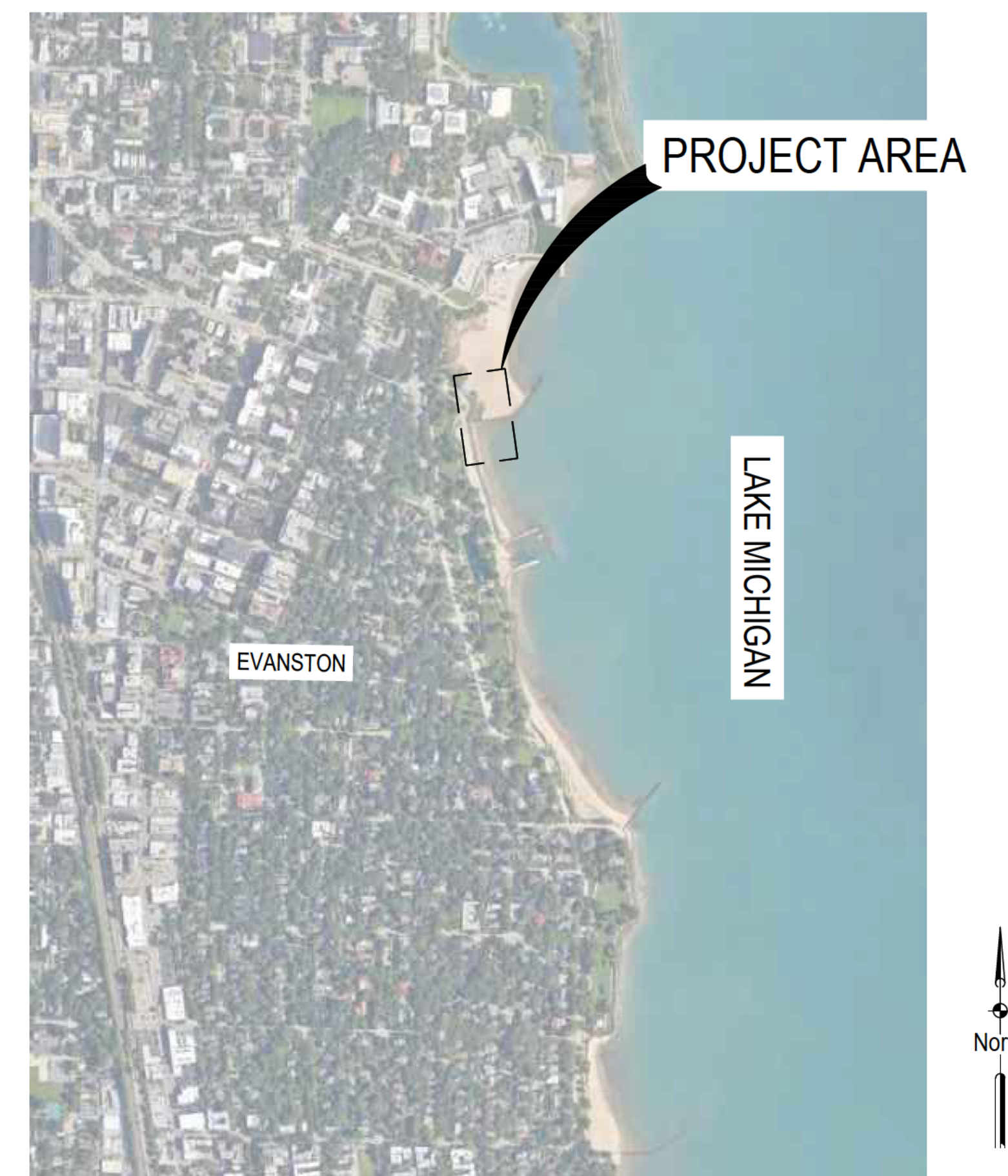
EVANSTON, IL

April 11, 2024

SmithGroup Project Number: 13959



PROJECT VICINITY MAP



PROJECT LOCATION MAP

Sheet List Table

Sheet Number	Sheet Title
G001	COVER SHEET
G100	SITE ACCESS/STAGING PLAN
CV100	EXISTING CONDITIONS PLAN
CE100	EROSION CONTROL PLAN
CD100	SITE PREPARATION PLAN
CD500	SITE PREPARATION/EROSION CONTROL DETAILS
CS100	SITE LAYOUT AND MATERIALS PLAN
CS200	FRAMING PLAN
CS201	FRAMING PLAN ENLARGEMENT
CS300	SITE SECTIONS AND ELEVATIONS
CS500	SITE DETAILS
CS501	SITE DETAILS
CS502	SITE DETAILS
CS503	SITE DETAILS
CS504	SITE DETAILS
E100	SITE LIGHTING PLAN
E500	ELECTRICAL DETAILS
L100	PLANTING PLAN

Prepared for:



2100 Ridge Avenue
Evanston, IL 60201

Prepared by:

SMITHGROUP

35 EAST WACKER
SUITE 900
CHICAGO, IL 60601
312.641.0770
www.smithgroup.com

Consultants:



EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
EVANSTON IL, 60201

Owner:



SMITHGROUP

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INFRASTRUCTURE ENGINEERING, INC.
CIVIL ENGINEER
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CHICAGO, IL 60606
312.426.9660

ISSUED FOR	REV	DATE
ISSUE FOR BID		04/11/2024

SEALS AND SIGNATURES

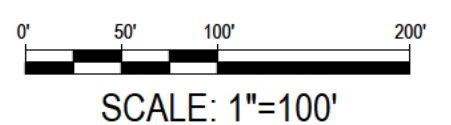
NOT FOR CONSTRUCTION

KEY PLAN



PROJECT NORTH

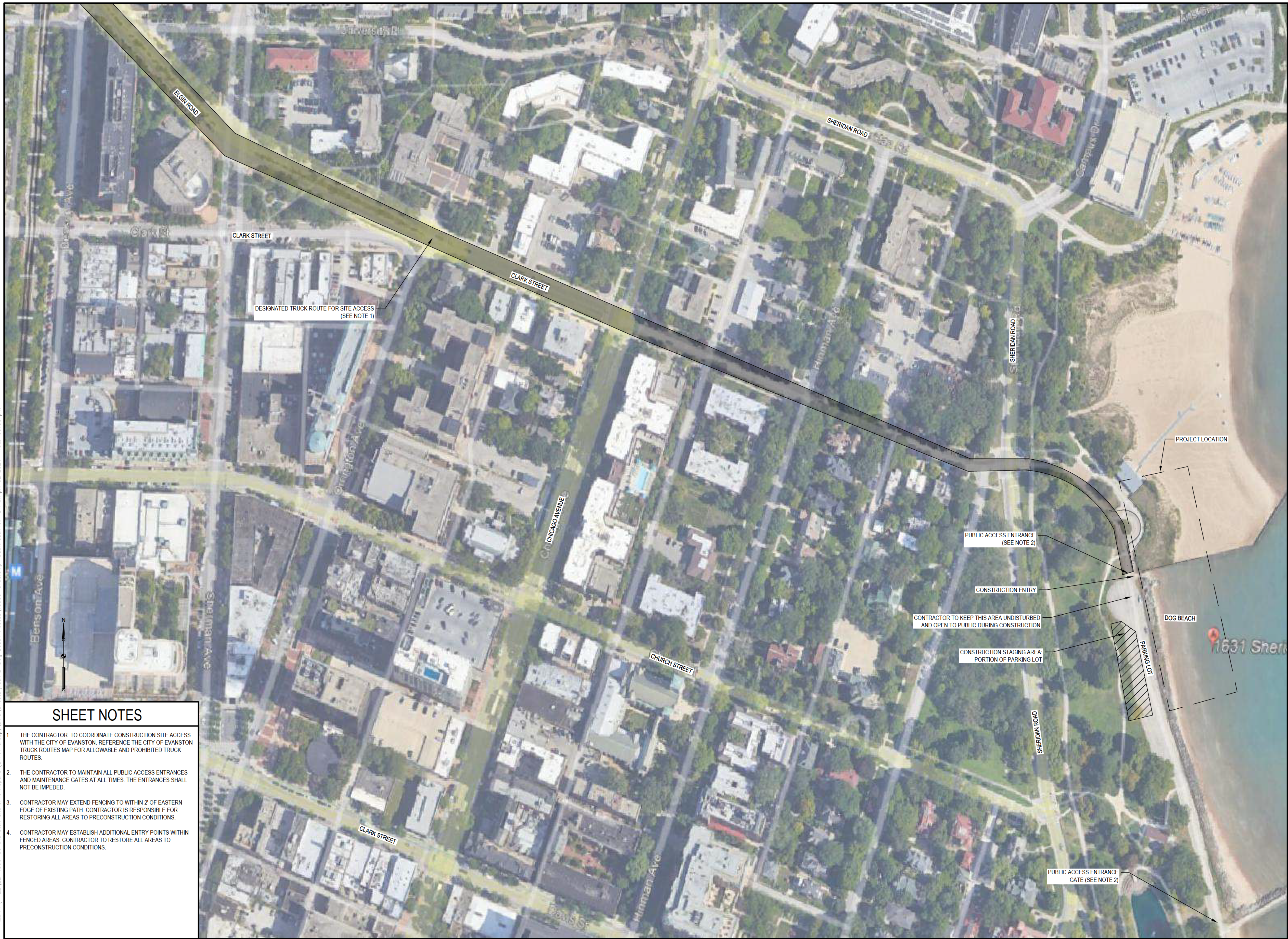
DRAWING TITLE
SITE ACCESS/STAGING PLAN



SCALE: 13959

PROJECT NUMBER: **G100**

DRAWING NUMBER



SHEET NOTES

1. THE CONTRACTOR TO COORDINATE CONSTRUCTION SITE ACCESS WITH THE CITY OF EVANSTON. REFERENCE THE CITY OF EVANSTON TRUCK ROUTES MAP FOR ALLOWABLE AND PROHIBITED TRUCK ROUTES.
2. THE CONTRACTOR TO MAINTAIN ALL PUBLIC ACCESS ENTRANCES AND MAINTENANCE GATES AT ALL TIMES. THE ENTRANCES SHALL NOT BE IMPEDED.
3. CONTRACTOR MAY EXTEND FENCING TO WITHIN 2' OF EASTERN EDGE OF EXISTING PATH. CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL AREAS TO PRECONSTRUCTION CONDITIONS.
4. CONTRACTOR MAY ESTABLISH ADDITIONAL ENTRY POINTS WITHIN FENCED AREAS. CONTRACTOR TO RESTORE ALL AREAS TO PRECONSTRUCTION CONDITIONS.

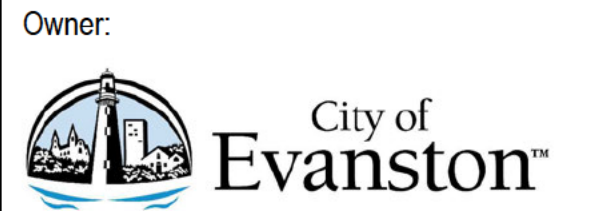
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FILE P: \P-22-22-4396-50 Evanston Shoreline Repairs (Smith Group)\DWG\Sheets\Task B-Dog Beach Access\13959-CV100.dwg USER:Cschnell DATE: Mar, 28 2024 TIME: 10:07 am



EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
EVANSTON IL, 60201



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ISSUED FOR	REV	DATE
ISSUE FOR BID		04/11/2024

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN

PROJECT NORTH

SHEET NOTES	LEGEND
1. ELEVATION DATA IS BASED ON ILLINOIS GREAT LAKES DATUM OF 1985.	---+585--- EXISTING MAJOR CONTOUR
2. SURVEY BACKGROUND: SMITHGROUP MAKES NO GUARANTEE NOR ASSUMES ANY LIABILITY AS TO THE COMPLETENESS OR ACCURACY OF THE SURVEY.	---+583--- EXISTING MINOR CONTOUR
3. SURVEY BACKGROUND WAS PREPARED BY AMERICAN SURVEY ENGINEERING, INC. BETWEEN 06/28/2022 AND 07/09/2022 AND SUPPLEMENTED BY FEATURES BASED ON AERIAL PHOTOGRAPHY.	---+581--- ORDINARY HIGH WATER MARK (OHWM)
4. THE SOIL BORING WAS COMPLETED BY WANG ENGINEERING, INC. ON 12/15/2022 TO A DEPTH OF 45 FEET. SEE APPENDIX A FOR THE COMPLETE SOIL BORING LOG DB-01.	- - - - - FEMA VE ZONE LIMIT
	- X - - - EXISTING FENCE
	⊕ EXISTING SIGN AND POST
	⊙ EXISTING TREE
	● EXISTING PLANT
	● EXISTING RARE PLANT
	◻ EXISTING LOW GROWING PLANT MASS (RARE)
	⊙ EXISTING SOIL BORING

DRAWING TITLE
EXISTING CONDITIONS PLAN

SCALE: 1"=10'

SCALE: 13959

PROJECT NUMBER: **CV100**

DRAWING NUMBER

EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
EVANSTON IL, 60201

Owner:



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312.425.9660

ISSUED FOR _____ REV DATE _____

ISSUE FOR BID _____ 04/03/2024

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEY PLAN



DRAWING TITLE
**SITE LAYOUT, MATERIALS,
AND GRADING PLAN**

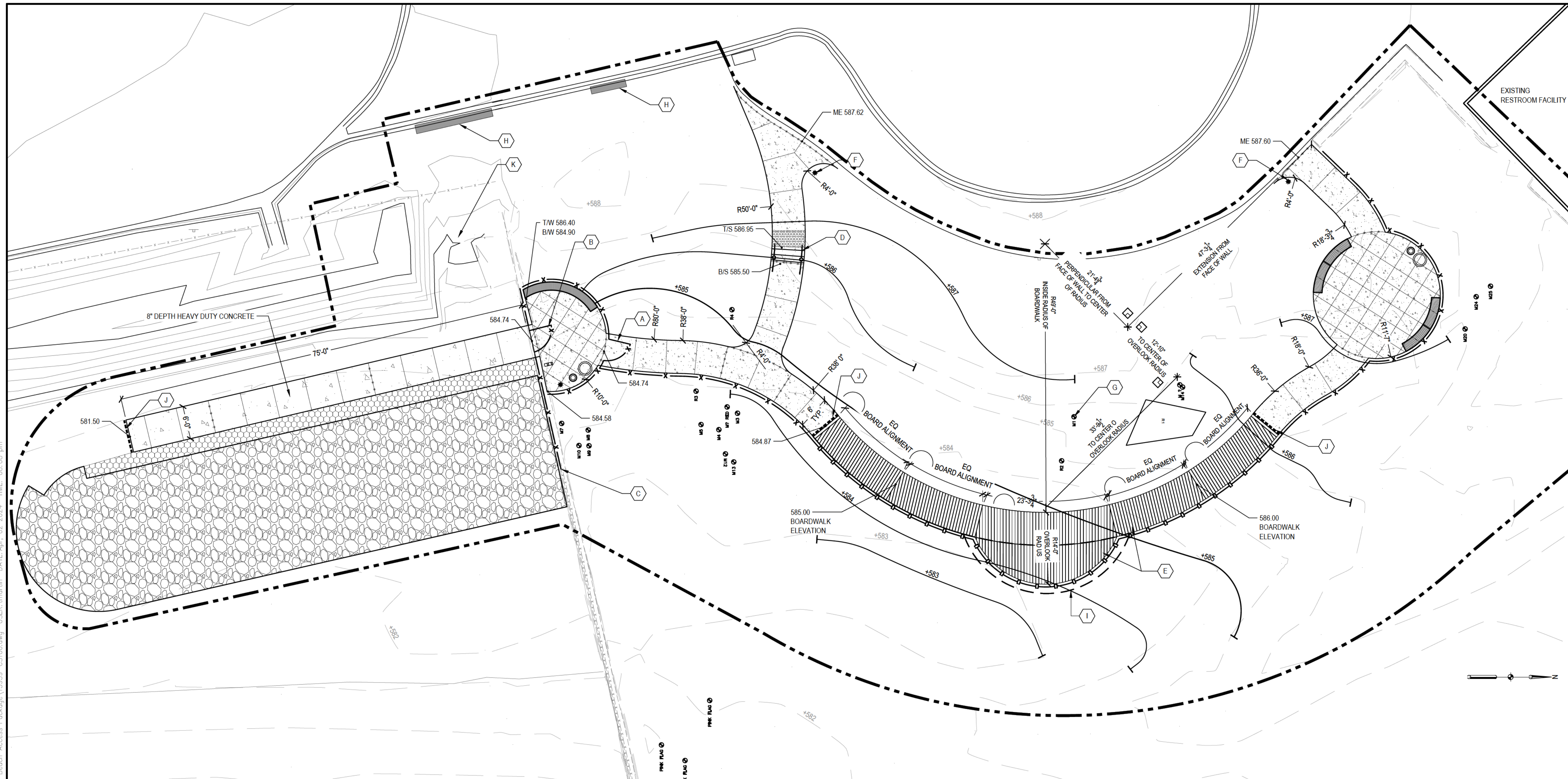
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SCALE 13959

PROJECT NUMBER

CS100

DRAWING NUMBER




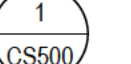
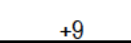

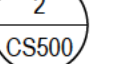
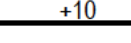

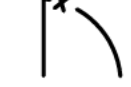
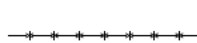
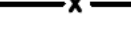

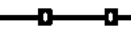

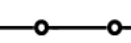



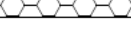

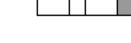



SHEET NOTES

- ELEVATION DATA IS BASED ON ILLINOIS GREAT LAKES DATUM OF 1985.
- PRIOR TO START OF PROJECT WORK, VERIFY ALL SITE CONDITIONS AND SUBMIT A PROJECT WORK PLAN TO THE ARCHITECT FOR REVIEW AND COMMENT. PRESENT THE WORK PLAN AT THE OWNER'S PRE-CONSTRUCTION MEETING. DO NOT BEGIN PRIOR TO THE 'PRE-CONSTRUCTION MEETING' AND WRITTEN AUTHORIZATION TO PROCEED IS ISSUED BY THE OWNER.
- NOTIFY THE ARCHITECT IN WRITING OF ANY IDENTIFIED DISCREPANCIES WITHIN THE CONSTRUCTION DOCUMENTS PRIOR TO THE START OF WORK. DURING PERFORMANCE OF THE WORK, VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND CROSS-CHECK DETAILS AND DIMENSION SHOWN ON THE DRAWINGS WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO STARTING WORK. IN ALL CASES WHERE A CONFLICT MAY OCCUR, THE ARCHITECT SHALL BE NOTIFIED AND WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.
- PRIOR TO THE COMMENCEMENT OF WORK, VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND TAKE RESPONSIBILITY FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
- TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION, INCLUDING DAMAGES TO UTILITIES, WALKS, WALLS, DRIVES, CURBS, ETC.
- SECURE ALL NECESSARY PERMITS AND NOTIFY ALL UTILITY COMPANIES WITH UTILITIES ON THE SITE PRIOR TO THE CONSTRUCTION OF THE PROJECT. ADHERE TO ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS OR REGULATIONS PERTAINING TO THE PROJECT.
- ESTABLISH AND MAINTAIN SITE SECURITY UNTIL PROJECT ACCEPTANCE.
- USE DIMENSIONS SHOWN ON DRAWINGS FOR LAYOUT OF THE WORK. DO NOT USE SCALE DIMENSIONS FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
- REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON DRAWINGS.
- DETAILS NOTED AS TYPICAL SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT.
- TAKE NOTE OF ALL GRADING AND DRAINAGE WAYS AND MAINTAIN THESE DRAIN WAYS FLOWS FREE OF OBSTRUCTIONS.
- DISPOSE ALL ELEMENTS DESIGNATED FOR REMOVAL IN A LEGAL MANNER. PROVIDE RECEIPTS AND LETTERS FROM DISPOSAL SITES TO OWNER AS REQUIRED BY THE OWNER.
- PREPARE ALL SUBGRADES IN ACCORDANCE WITH RECOMMENDATIONS OF GEOTECHNICAL ENGINEER. PROVIDE PROOF OF ALL REQUIRED SOIL COMPACTION TO THE OWNER.
- ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- COORDINATE WORK OF SUBCONTRACTORS AND ALL OTHER CONTRACTORS TO ENSURE ORDERLY AND EFFICIENT COMPLETIONS OF ALL WORK.
- ALL PAVEMENTS AND DECKING ARE TO HAVE A MAXIMUM 1.5% CROSS SLOPE.
- FOR FENCES PLACED ALONG PAVEMENT RADII OF LESS THAN 20', FENCE POSTS AND PANELS ARE TO BE SPACED AT 4'-0" O.C. SOUTH OF THE GROIN WALL. LIMITS OF CONSTRUCTION CAN EXTEND TO WITHIN 10' OF WATERS EDGE AND NO MORE THAN 20' SOUTH OF THE PROPOSED REVETMENT EXTENTS.

KEYED NOTES

- (A) GATE A, SEE DETAIL 4, SHEET CS503
- (B) GATE B, SEE DETAIL 4, SHEET CS503
- (C) EXTEND NEW STANDARD FENCE TO WHERE EXISTING CHAIN LINK FENCE BEGINS. SEE DETAIL 1 ON SHEET CS504 FOR CONNECTION INFORMATION.
- (D) STAIRS WITH HANDRAIL, SEE DETAIL 4, SHEET CS500
- (E) BOARDWALK, SEE SHEET CS200 AND CS501 FOR DECKING, FRAMING, AND GUARDRAIL DETAILS.
- (F) **ADD ALTERNATE #2:** PROVIDE ADDITIONAL LIGHT POLES IN THESE LOCATIONS.
- (G) RARE SURVEYED PLANTS PROTECTED IN PLACE PER CD100. LIMIT DISTURBANCE OF ROOT ZONE WHEN GRADING AT/NEAR RARE SURVEYED PLANTS.
- (H) REPLACE CURB IN KIND, SEE DETAIL 5, SHEET CS500
- (I) **ADD ALTERNATE #3A:** ADD ALTERNATE SHALL INCLUDE ALL DECKING, FASCIA, FRAMING, HARDWARE, PIERS, AND GUARDRAIL COMPONENTS ASSOCIATED WITH THE BOARDWALK OVERLOOK. DECKING SHALL BE THERMALLY MODIFIED ASH BOARDS. THE BASE BID CONDITION SHALL INCLUDE ALL FASCIA, HARDWARE, AND GUARDRAIL COMPONENTS REQUIRED TO CLOSE THE GAP LEFT BY THE BOARDWALK OVERLOOK.
ADD ALTERNATE #3B: ADD ALTERNATE SHALL INCLUDE ALL DECKING, FASCIA, FRAMING, HARDWARE, PIERS, AND GUARDRAIL COMPONENTS ASSOCIATED WITH THE BOARDWALK OVERLOOK. DECKING SHALL BE IPE BOARDS. THE BASE BID CONDITION SHALL INCLUDE ALL FASCIA, HARDWARE, AND GUARDRAIL COMPONENTS REQUIRED TO CLOSE THE GAP LEFT BY THE BOARDWALK OVERLOOK.
- (J) TOE WALL, SEE DETAILS 7 AND 8, SHEET CS504
- (K) USE STOCKPILED ON SITE STONE TO CLOSE GAP AFTER ALL OTHER DOG BEACH WORK HAS BEEN APPROVED.

LEGEND

	5" DEPTH CONCRETE PAVEMENT			MINOR CONTOUR
	8" DEPTH HEAVY DUTY CONCRETE PAVEMENT			MAJOR CONTOUR
	CONTROL JOINT		GATE	
	ISOLATION (EXPANSION) JOINT		STANDARD FENCE	
	TACTILE WARNING STRIP		BOARDWALK GUARDRAIL	
	WOODEN BOARDWALK, SEE SHEET CS200		HANDRAIL	
	TRASH RECEPTACLES		ARMOR STONE	
	DOG WASTE STATION		UNDERLAYER STONE	
	CONCRETE RETAINING WALL		QR CODE READER ON PEDESTAL	
	CURVED WOODEN BENCH		R# RARE SURVEYED PLANTS	
	LIGHT POLE			

EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
EVANSTON IL, 60201

Owner:



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SEALS AND SIGNATURES

KEY PLAN

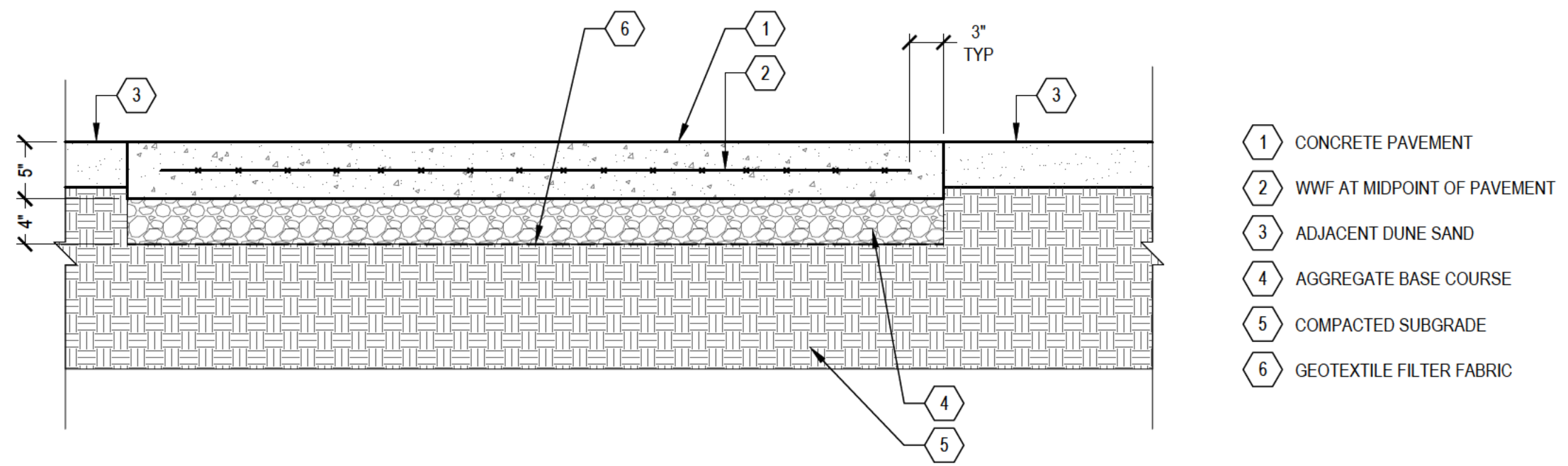
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SITE DETAILS

SCALE 13959

PROJECT NUMBER

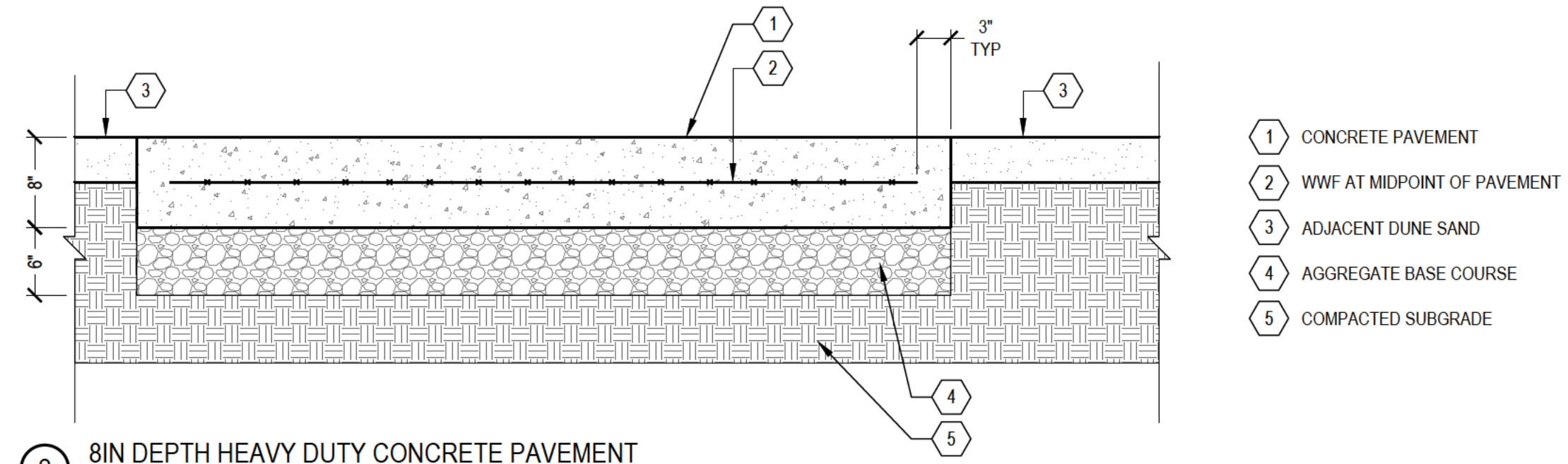
CS500

DRAWING NUMBER



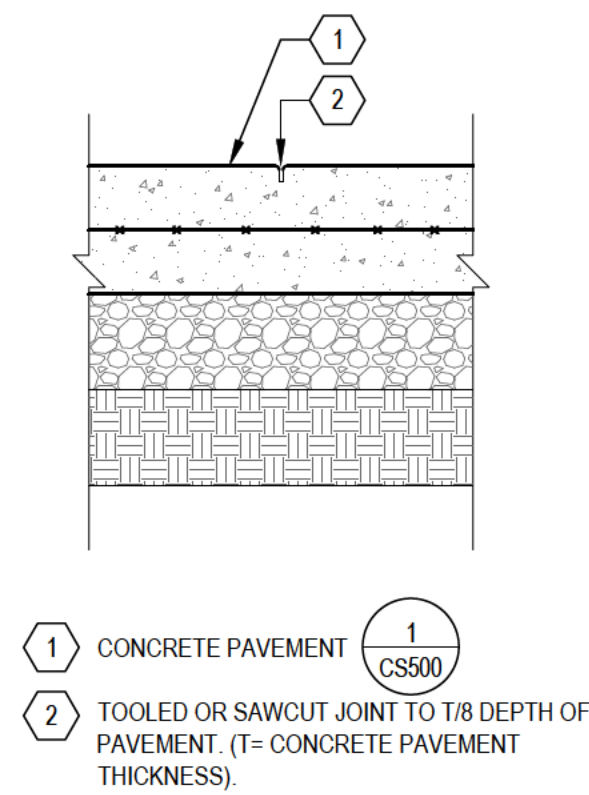
1 5IN DEPTH CONCRETE PAVEMENT

SCALE: 1" = 1'



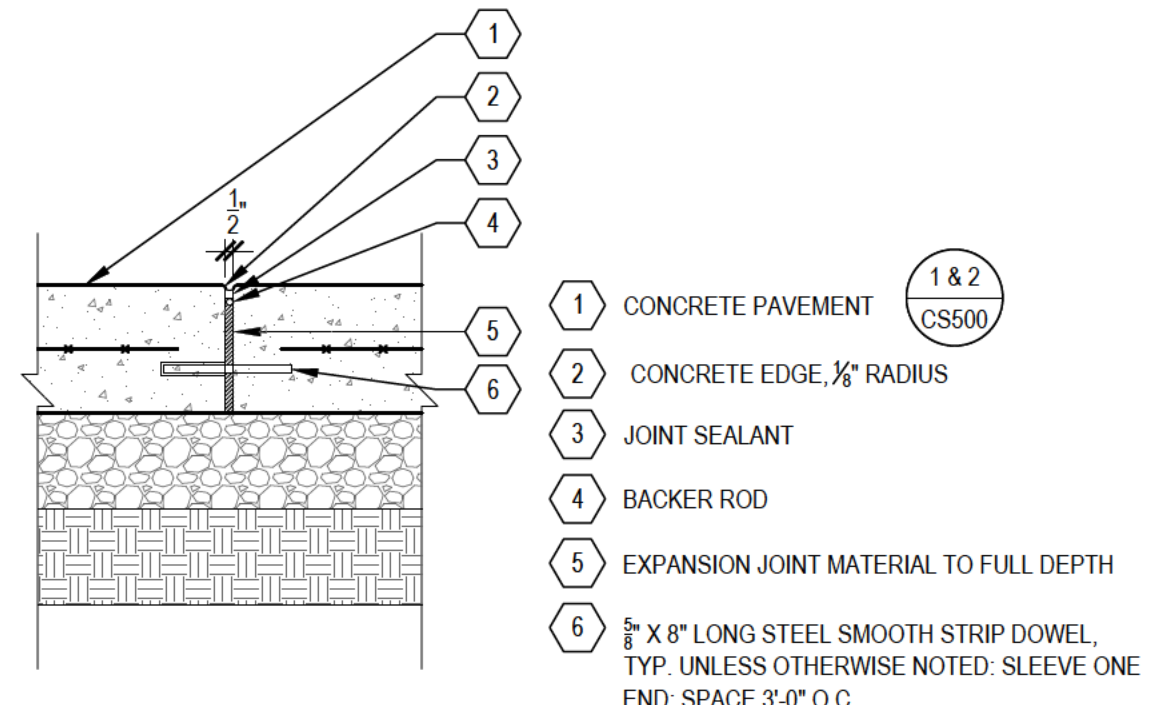
2 8IN DEPTH HEAVY DUTY CONCRETE PAVEMENT

SCALE: 1" = 1'



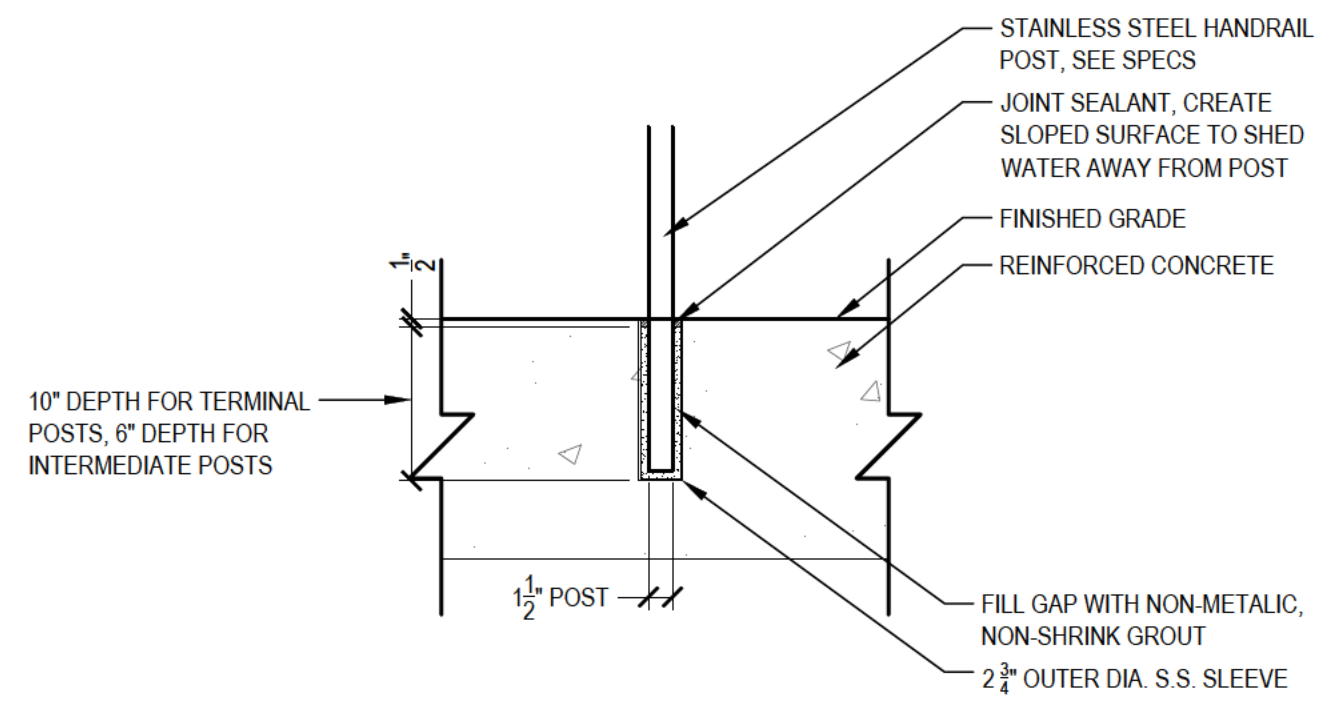
3 CONTROL JOINT

SCALE: 1" = 1'



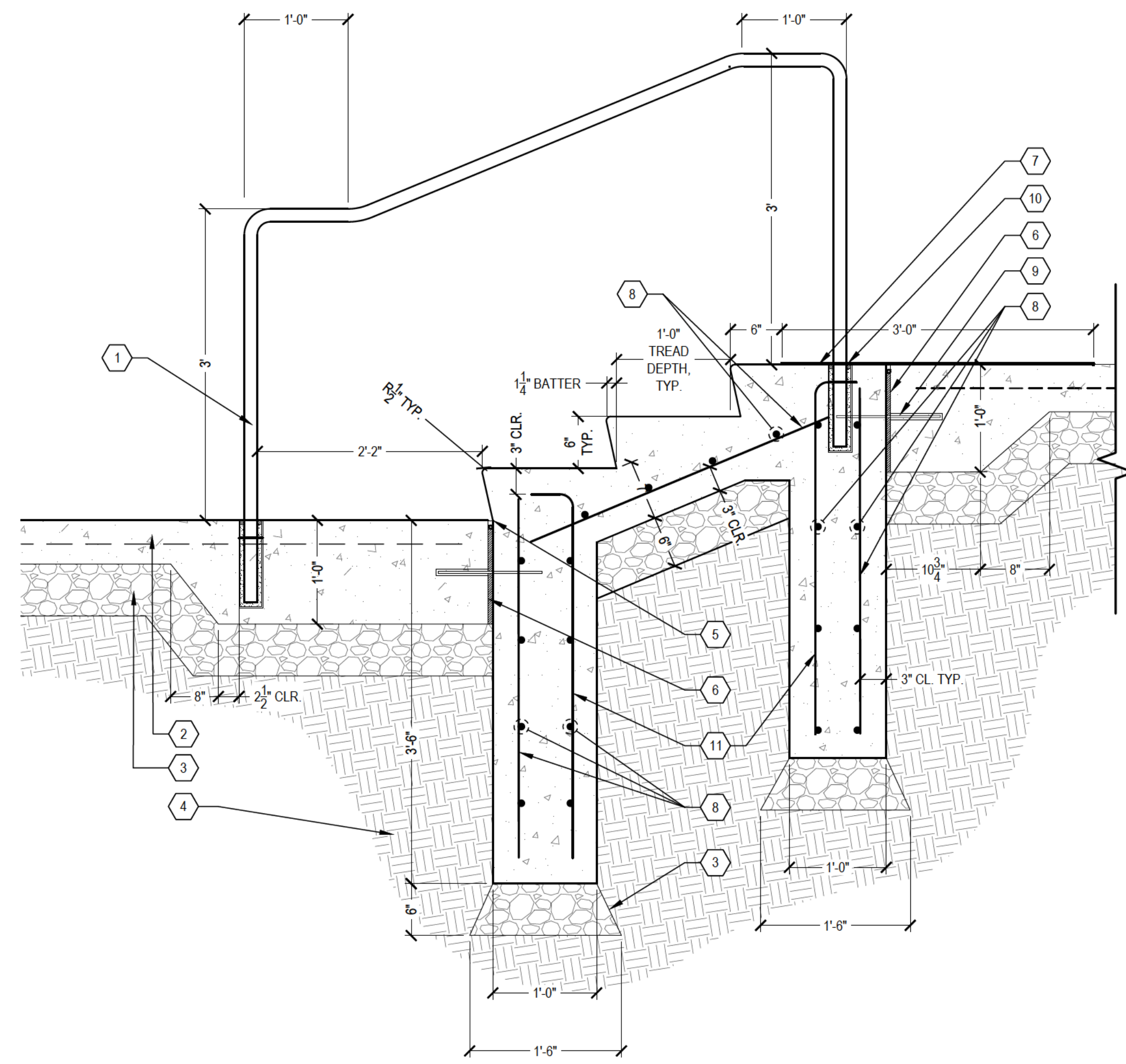
4 ISOLATION JOINT

SCALE: 1" = 1'



5 HANDRAIL POST EMBEDMENT

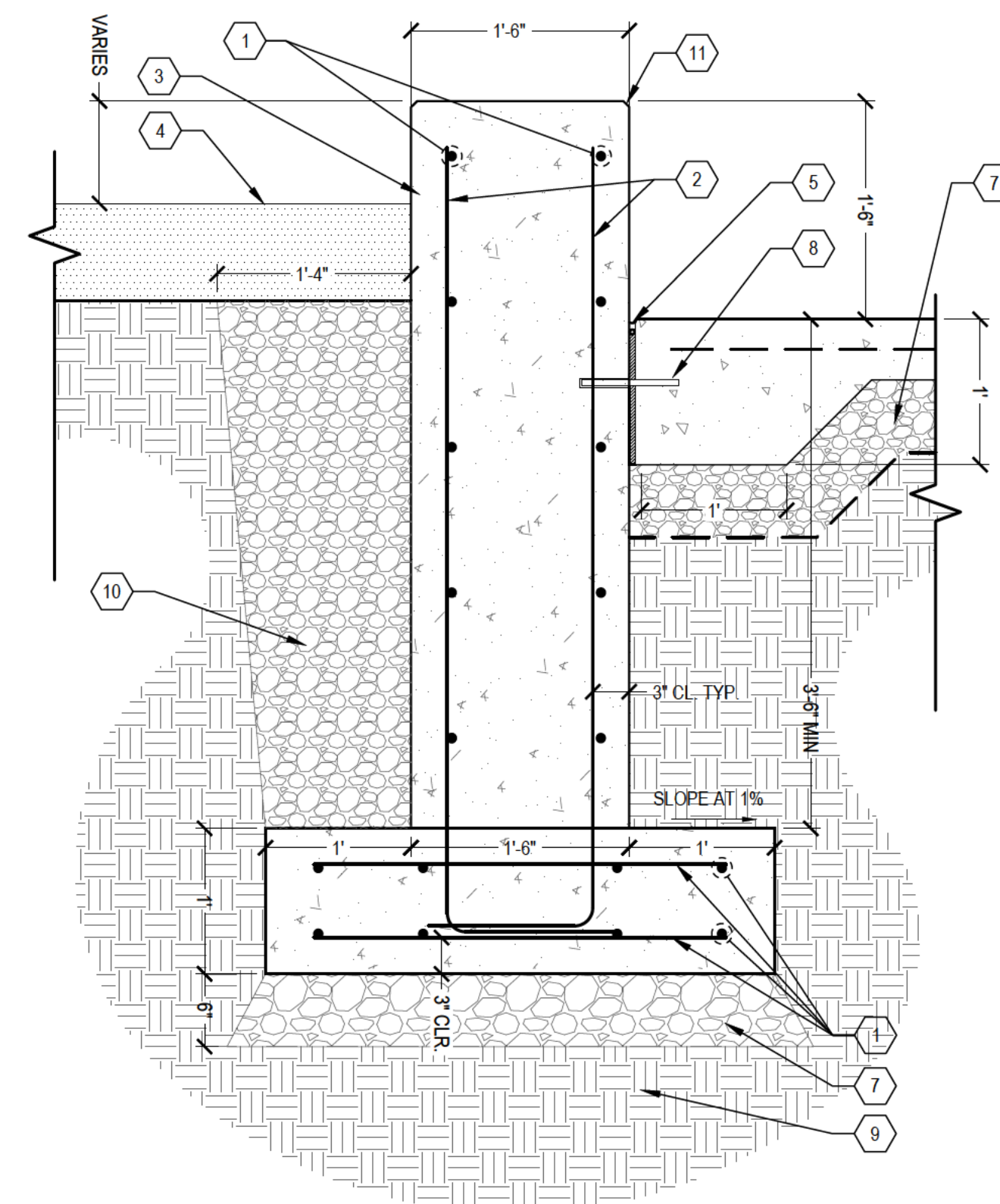
SCALE: 1" = 1'



7 STAIRS WITH HANDRAIL

SCALE: 1" = 1'

- 1 STAINLESS STEEL HANDRAIL, SEE SPECS
- 2 CONCRETE PAVEMENT (1 CS500)
- 3 COMPACTED AGGREGATE BASE (CA-6)
- 4 COMPACTED SUBGRADE
- 5 BOTTOM OF STAIRS, SEE GRADING PLAN
- 6 ISOLATION (EXPANSION) JOINT (4 CS500)
- 7 CAST-IN-PLACE DETECTIBLE WARNING TILES, SEE SPECS
- 8 #4 REINFORCING BARS @ 12" O.C.
- 9 #5 X 8" LONG STEEL SMOOTH SLIP DOWEL, TYP. UNLESS OTHERWISE NOTED; SLEEVE ONE END; SPACE 3'-0" O.C.
- 10 HANDRAIL POST EMBEDMENT (5 CS500)
- 11 #4 BARS @ 12" O.C. W/ STD. HOOK ONE END



8 CONCRETE RETAINING WALL

SCALE: 1" = 1'

- 1 #5 HORIZONTAL REBAR, 12" O.C.
- 2 #5 VERTICAL REBAR, 12" O.C. W/ STD. HOOKS ONE END
- 3 CAST-IN-PLACE CONCRETE SEAT WALL (WO DEN TROWEL RUBBED FINISH. ALL EXPOSED SURFACES)
- 4 ADJACENT SAND
- 5 EXPANSION JOINT
- 6 CONCRETE PAVEMENT WITH THICKENED EDGE ALONG WALL
- 7 COMPACTED AGGREGATE BASE (CA-6)
- 8 #5 X 8" LONG STEEL SMOOTH STRIP DOWEL, TYP. UNLESS OTHERWISE NOTED; SLEEVE ONE END; SPACE 3'-0" O.C.
- 9 COMPACTED SUBGRADE
- 10 DRAINAGE STONE (CA-7)
- 11 1/2" CHAMFER AT ALL EXPOSED EDGES

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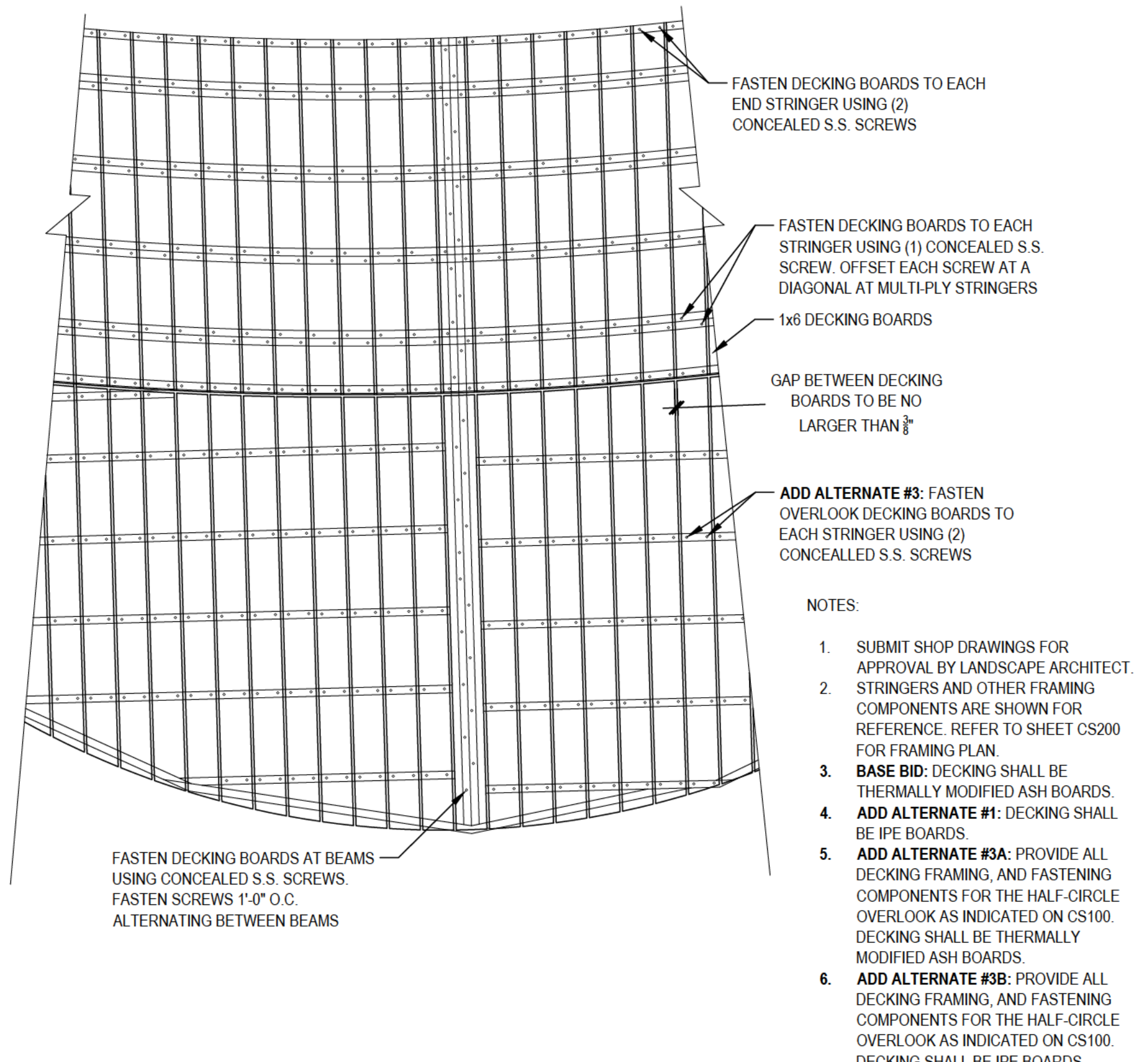
SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

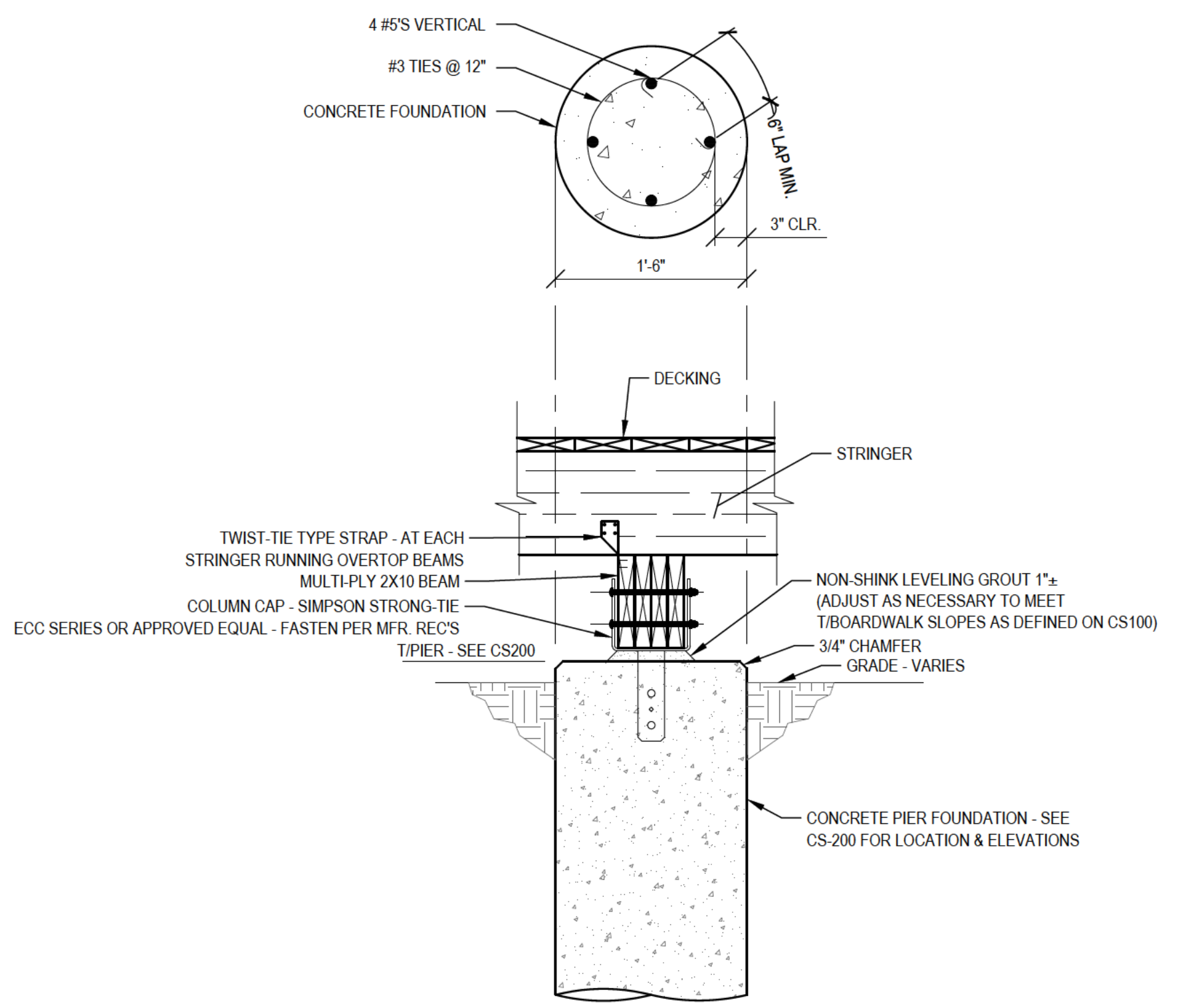
KEY PLAN

DRAWING TITLE
SITE DETAILS

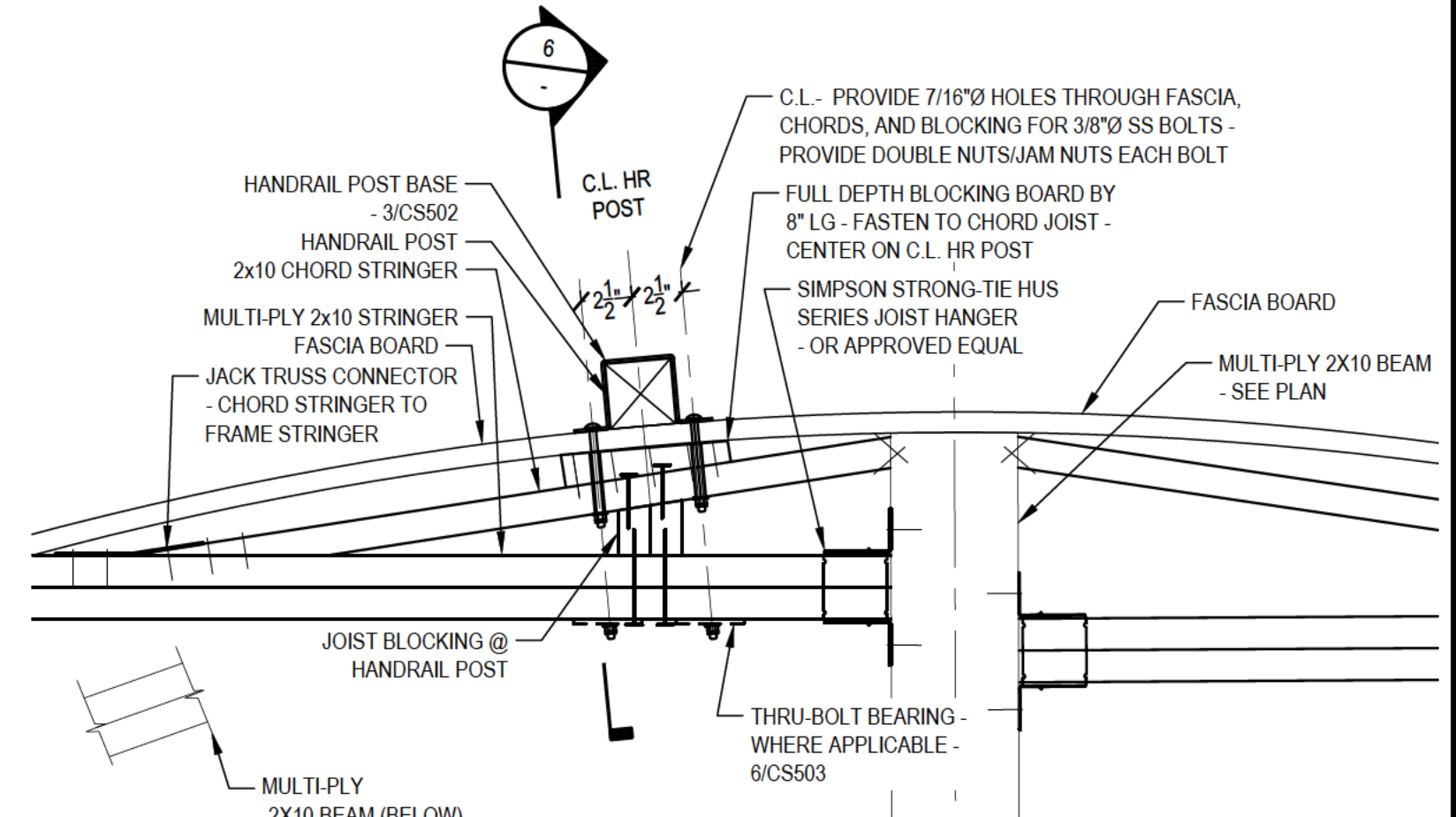
SCALE PROJECT NUMBER 13959
DRAWING NUMBER CS501



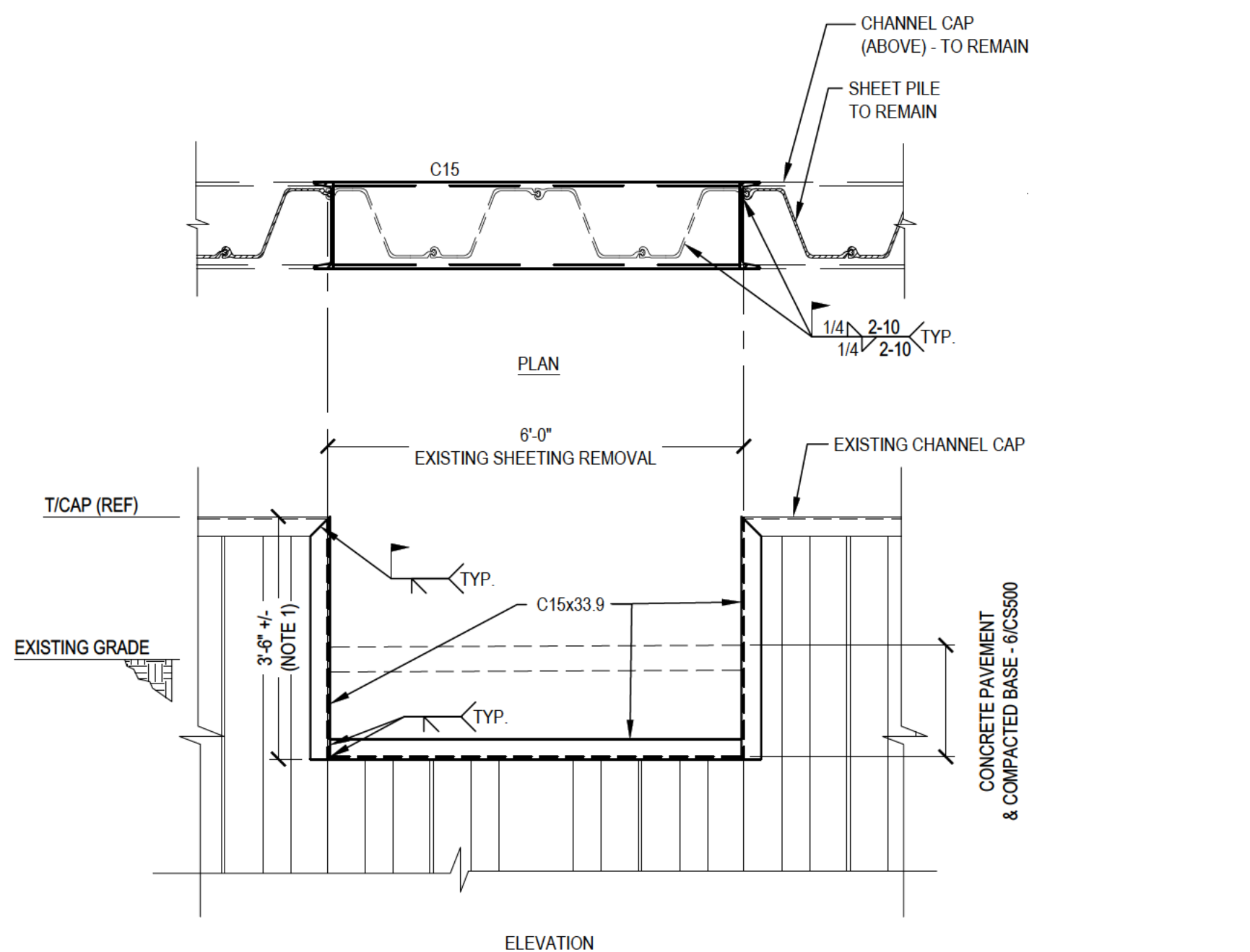
1 DECKING ENLARGEMENT PLAN SCALE: 1/2" = 1'



2 PIER SUPPORT SCALE: 1" = 1'



3 RAILING CONNECTION @ RADIUS SCALE: 1-1/2" = 1' XREF

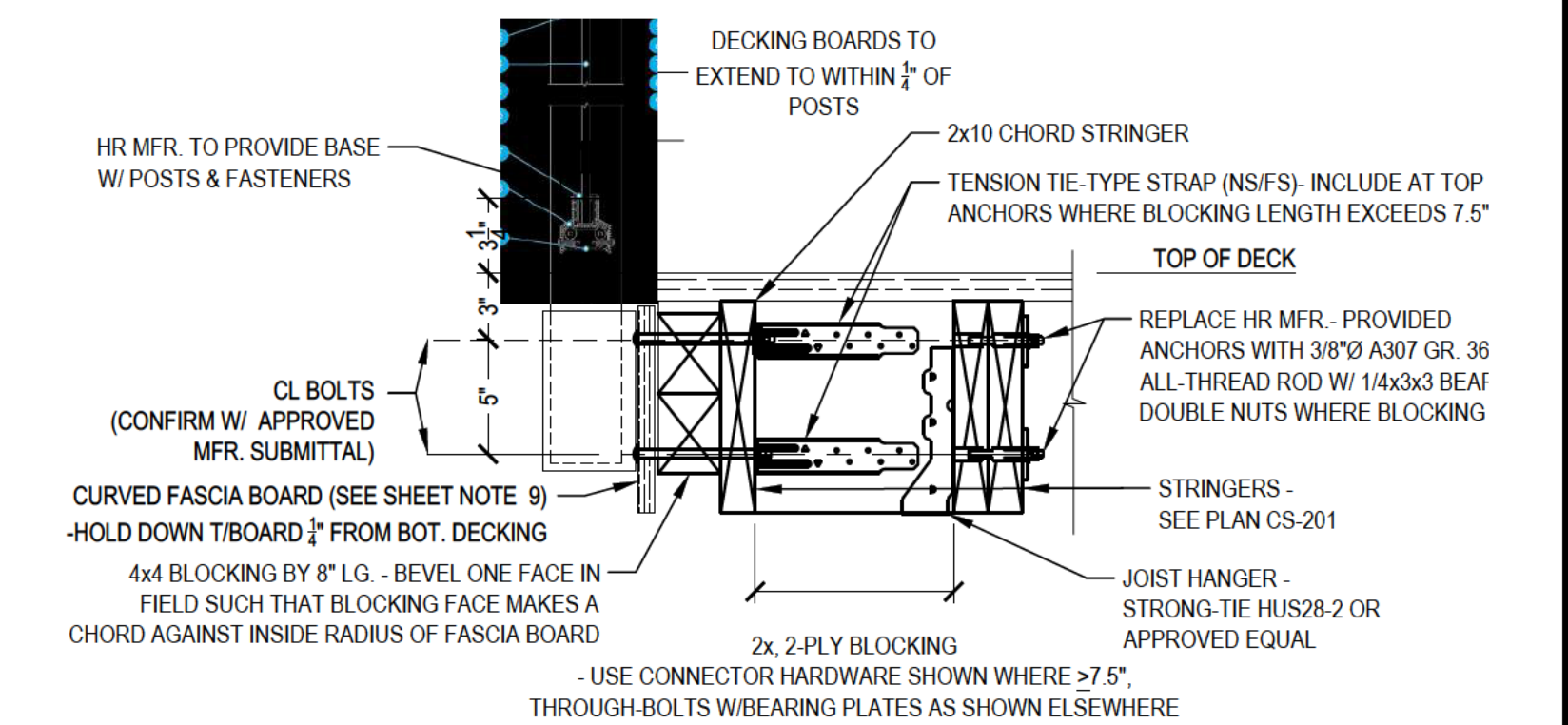


4 EXISTING SHEETING PENETRATION SCALE: 1/2" = 1' XREF

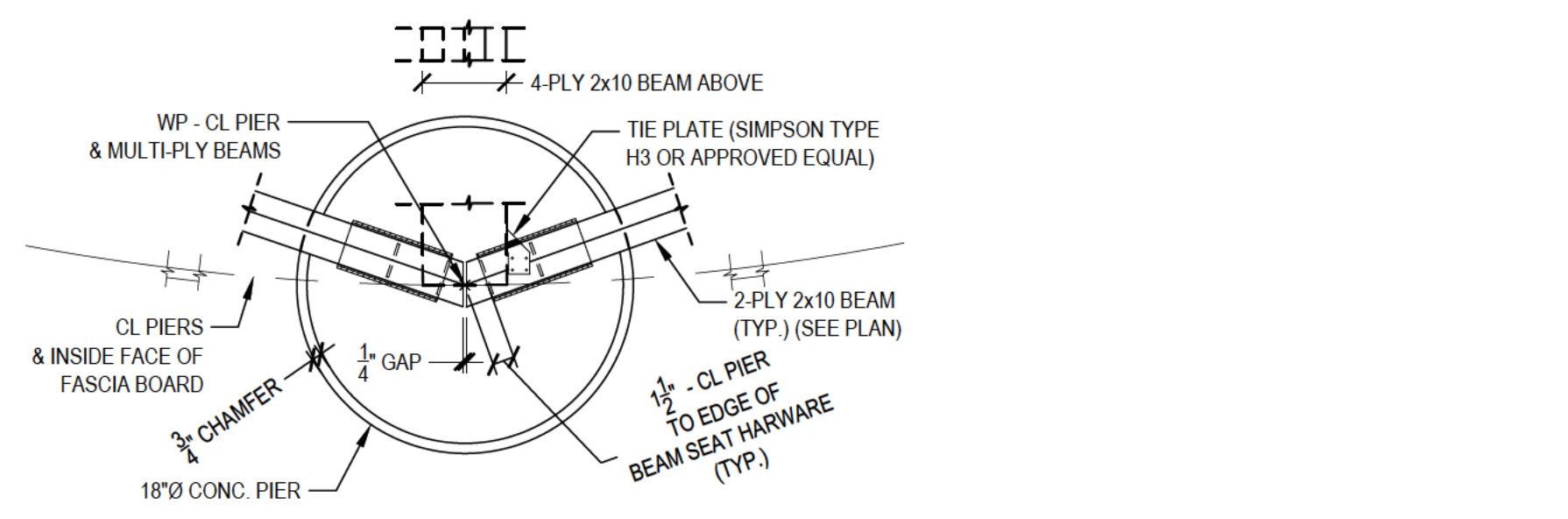
NAILING SCHEDULE FOR WOOD-TO-WOOD CONNECTIONS, U.N.O.

<p>4-PLY STRINGER/BEAM</p> <p>12d AT 1'-0" EACH PLY (STAGGERED)</p>	<p>FACE BLOCKING/SPACER ATTACHMENT TO STRINGER FACE</p> <p>16d</p>	<p>END NAIL 24" O.C. AND EACH END TOP AND BOTTOM STAGGERED</p>
<p>3-PLY STRINGER/BEAM</p> <p>12d AT 1'-0" EACH PLY (STAGGERED)</p>	<p>STRINGER BLOCKING/BRACING</p> <p>3 - 12d COMMON 2 - 16d COMMON</p> <p>STRINGER BLOCKING AT HANDRAIL POST</p> <p>3 - 30d COMMON</p>	<p>TOE NAIL OR END NAIL</p> <p>END NAIL</p>
<p>2-PLY STRINGER/BEAM</p> <p>12d AT 1'-0" EACH PLY (STAGGERED)</p>	<p>EDGE CHORDS TO PRIMARY STRINGER</p> <p>3 - 12d COMMON 2 - 16d COMMON</p> <p>PROPRIETARY JOIST HANGERS/FABRICATED STEEL CONNECTORS</p>	<p>TOE NAIL OR END NAIL</p> <p>PER MANUFACTURER'S INSTRUCTIONS</p>

5 MULTI-PLY LUMBER SCALE: 1-1/2" = 1' XREF



6 SECTION - HR POST ATTACH SCALE: 1-1/2" = 1' XREF



7 OVERLOOK BEAM SEAT 1 SCALE: 1" = 1'

FILE:C:\Users\Martin\SmithGroup\Companies\Inc\PRJ - 13959 - Consultants\CAD\Dog Beach Access Package\3959-CS500.dwg USER:tmartin DATE:Apr. 02. 2024. TIME: 08:14. pm

EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
EVANSTON IL, 60201

Owner:



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ISSUE FOR BID		04/11/2024

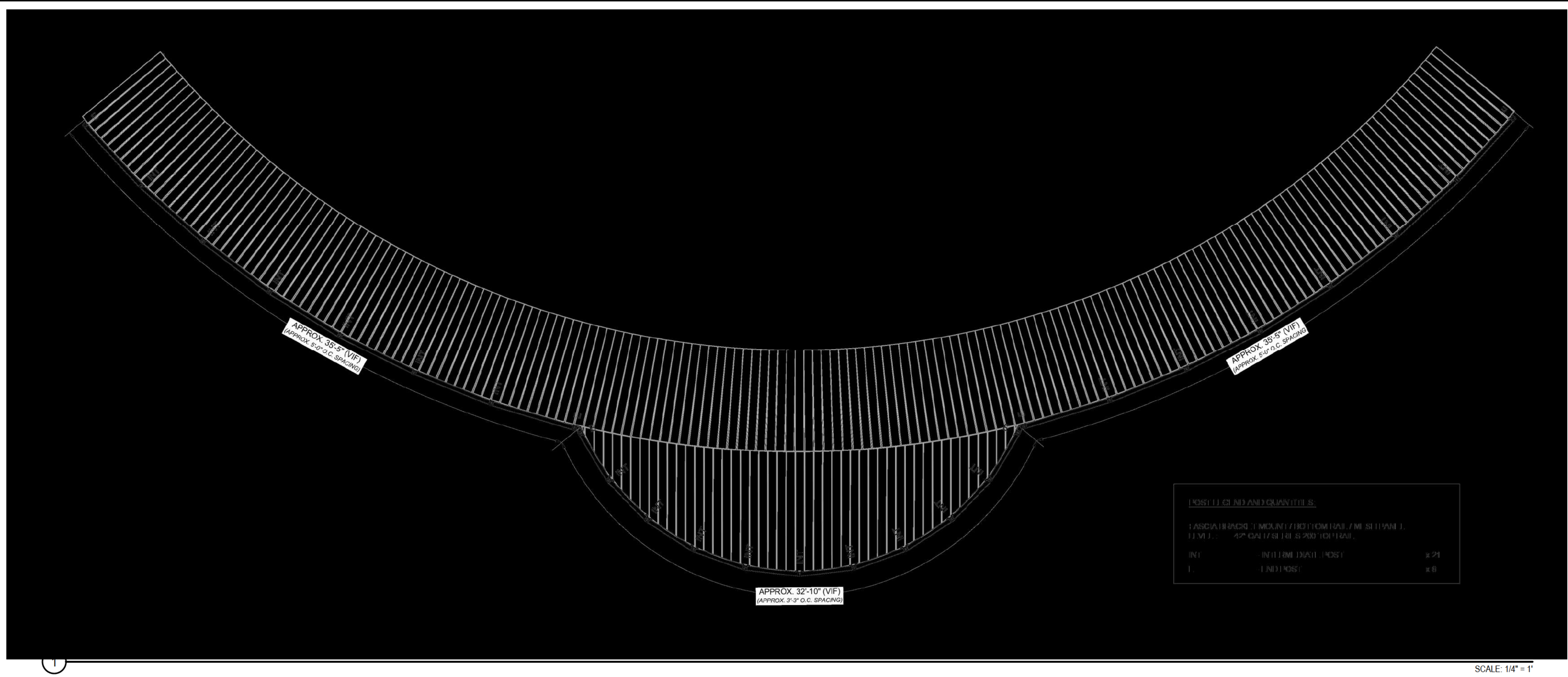
SEALS AND SIGNATURES

KEY PLAN

DRAWING TITLE
SITE DETAILS

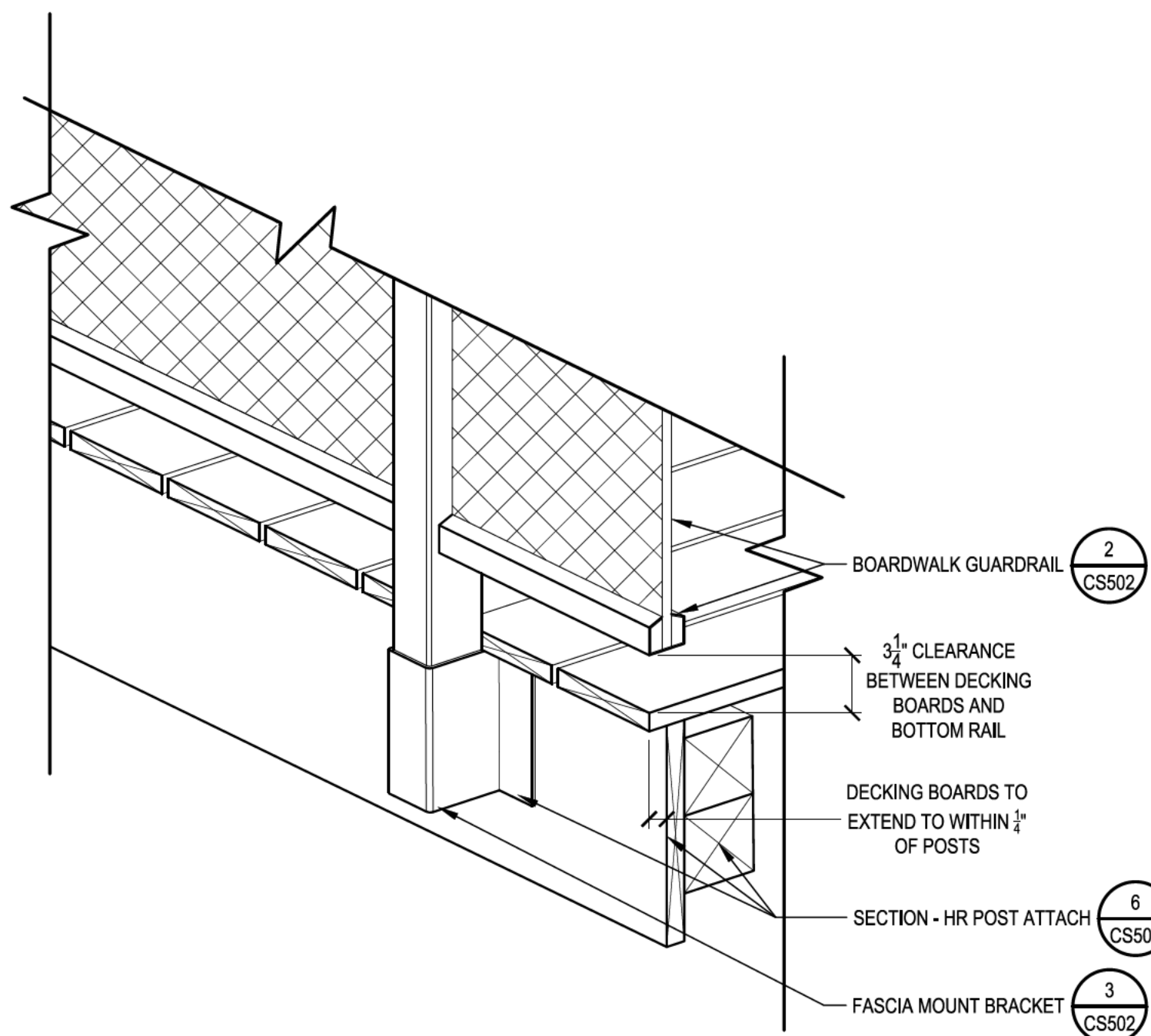
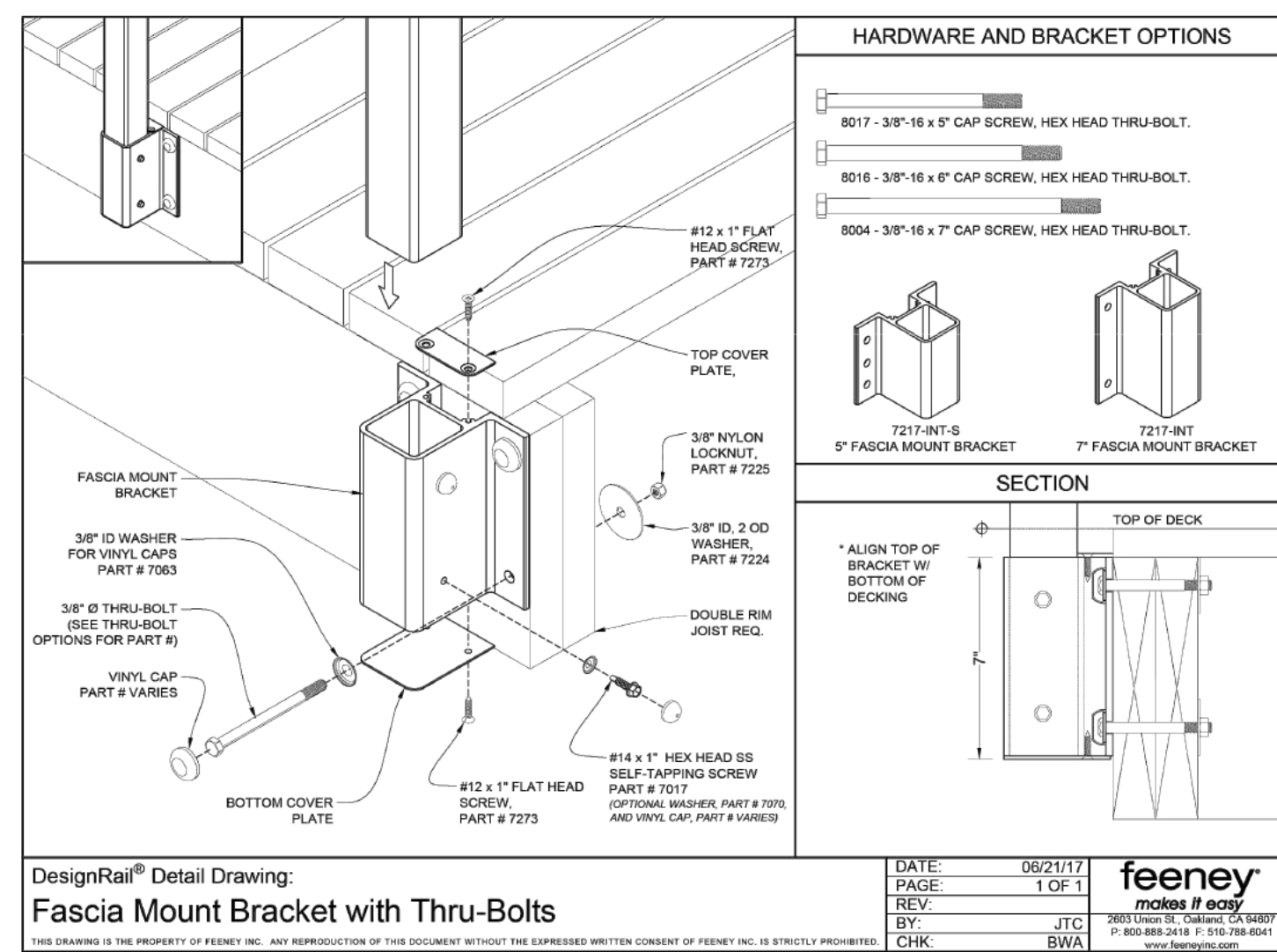
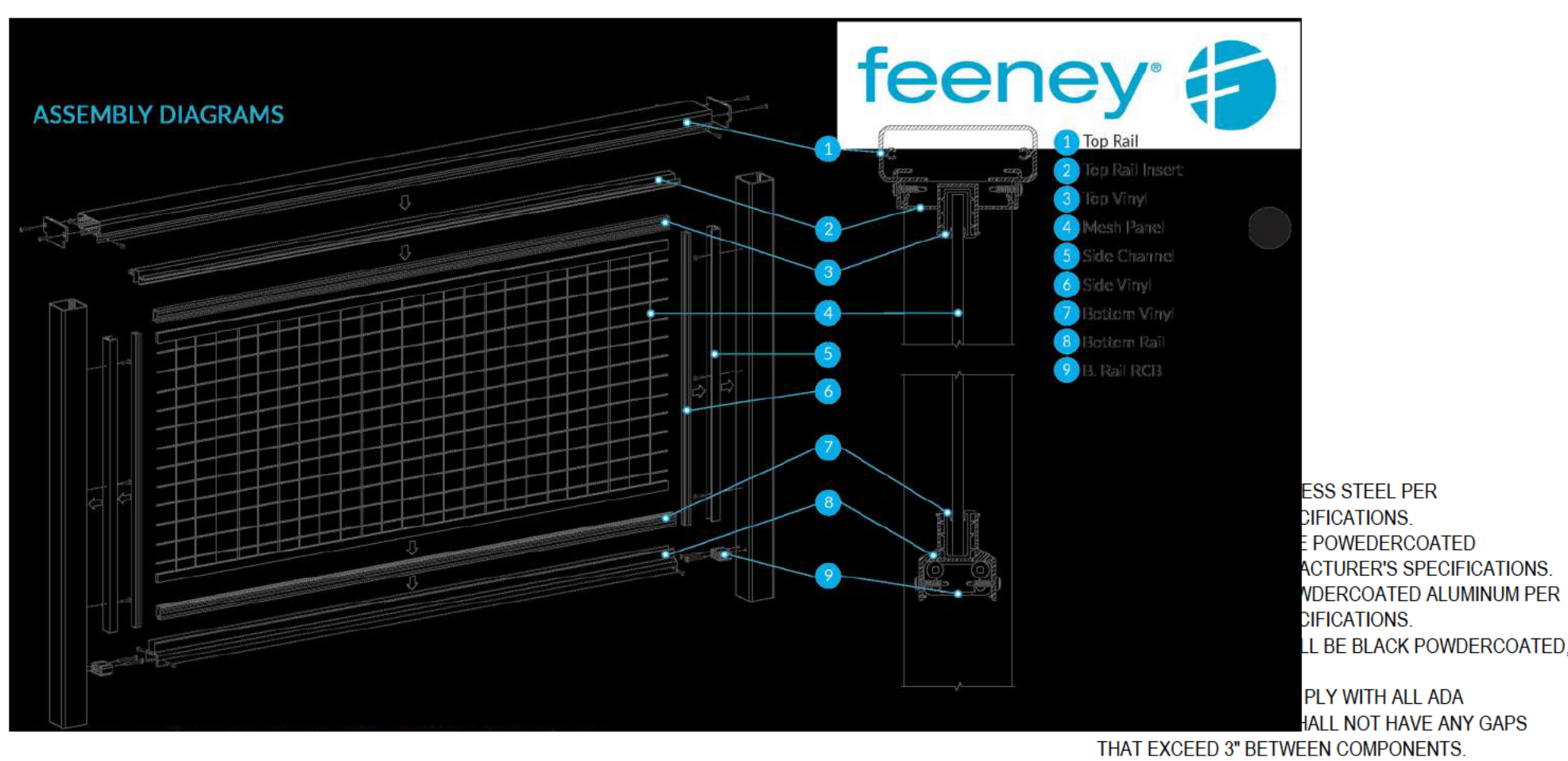
SCALE
PROJECT NUMBER
13959

DRAWING NUMBER
CS502



ITEM QUANTITY

1	1	1	1	1	1	1
1	1	1	1	1	1	1



2 BOARDWALK GUARDRAIL
HANDRAIL VENDOR DRAWINGS INCLUDED FOR INFORMATION ONLY NOT ENGINEERED BY SMITHGROUP
SCALE: NTS

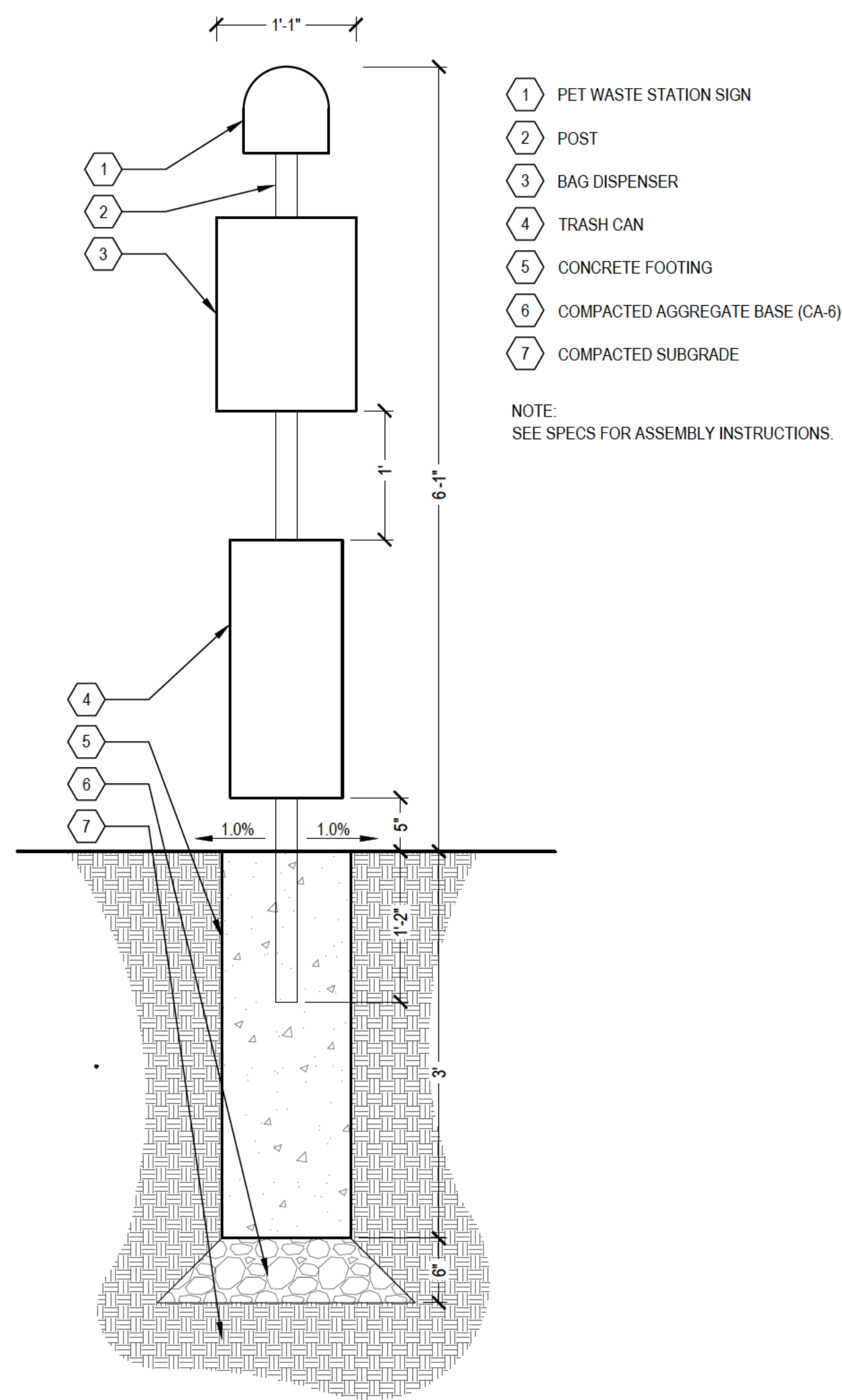
3 FASCIA MOUNT BRACKET
HANDRAIL VENDOR DRAWINGS INCLUDED FOR INFORMATION ONLY NOT ENGINEERED BY SMITHGROUP
SCALE: NTS

4 BOARDWALK GUARDRAIL ISOMETRIC
HANDRAIL VENDOR DRAWINGS INCLUDED FOR INFORMATION ONLY NOT ENGINEERED BY SMITHGROUP
SCALE: NTS

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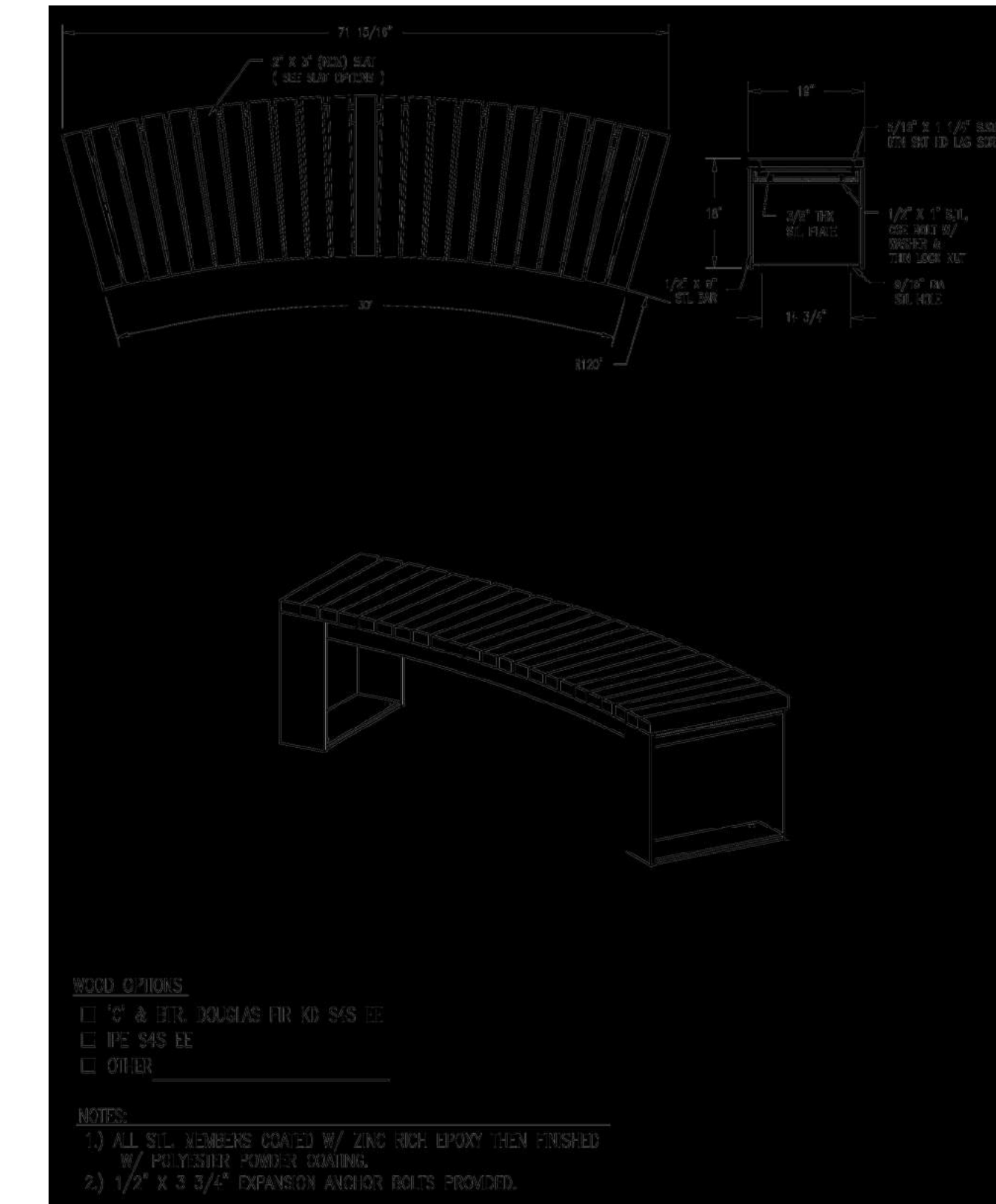
NOT FOR CONSTRUCTION

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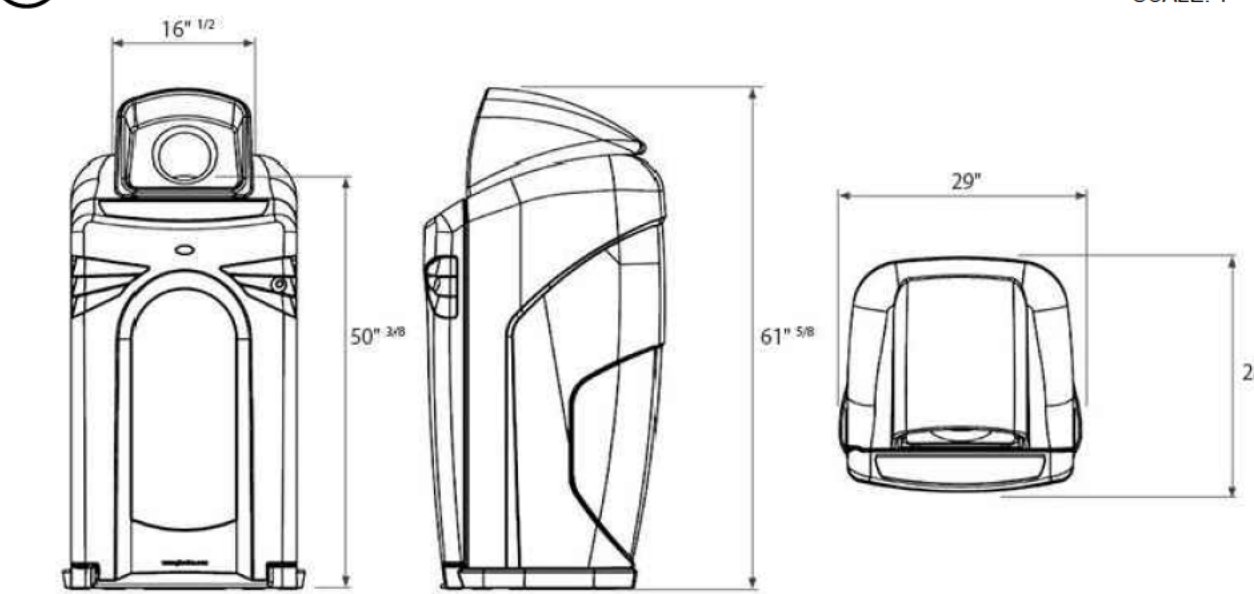
1 DOG WASTE STATION

SCALE: 1" = 1'



2 CURVED WOODEN BENCH

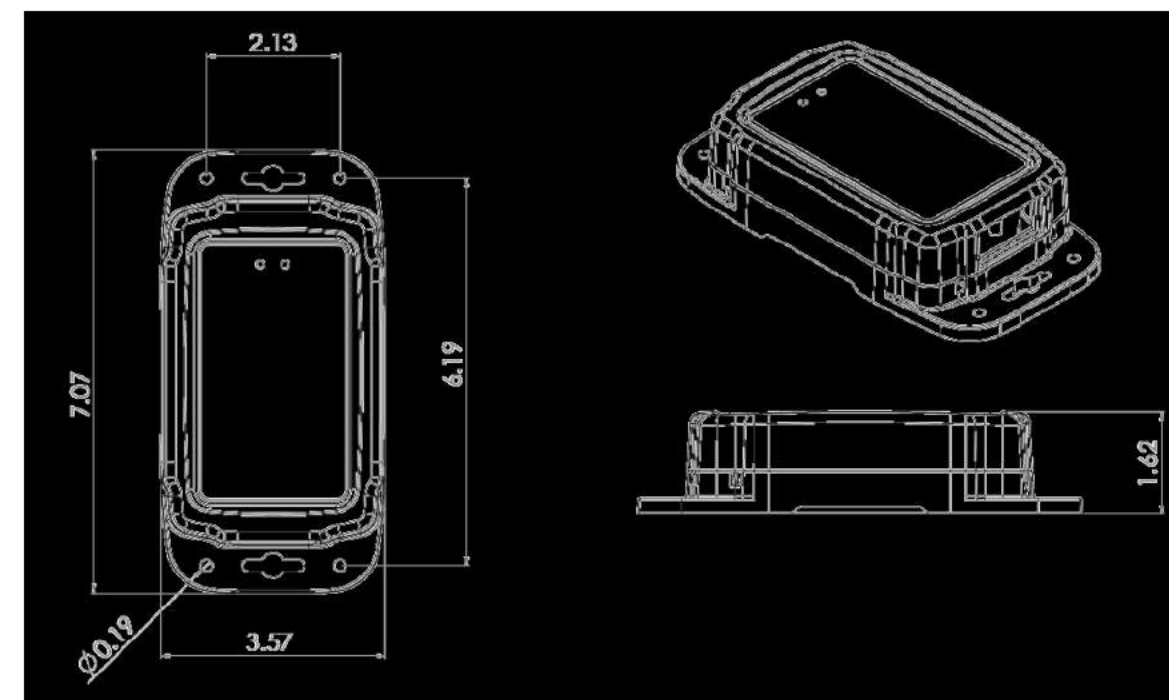
SCALE: NTS



- NOTES:
1. MATERIAL AND DECAL SELECTIONS PER SPECIFICATIONS.
 2. TRASH RECEPTACLE IS TO BE SURFACE MOUNTED.

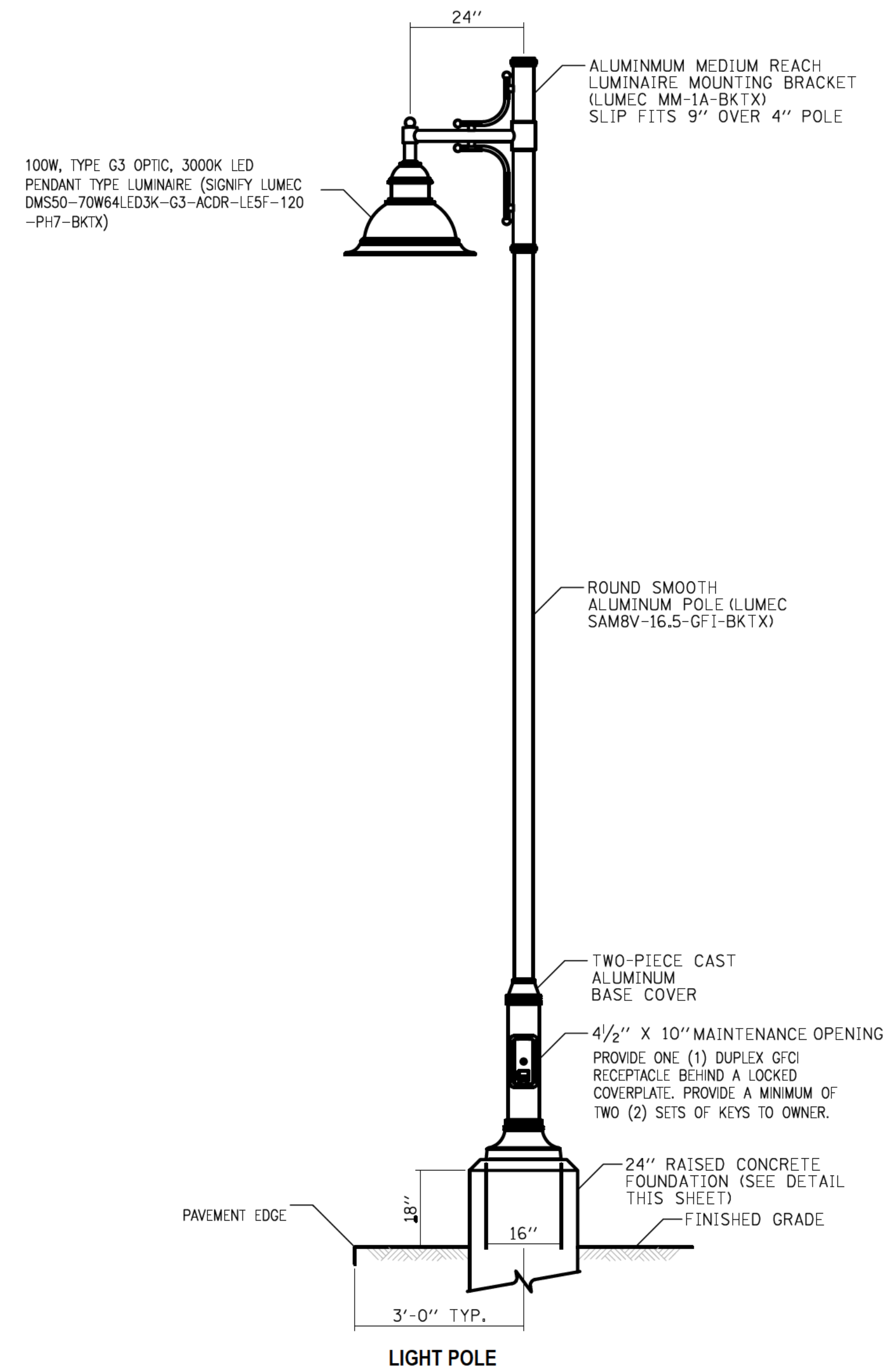
3 TRASH RECEPTACLE

SCALE: NTS

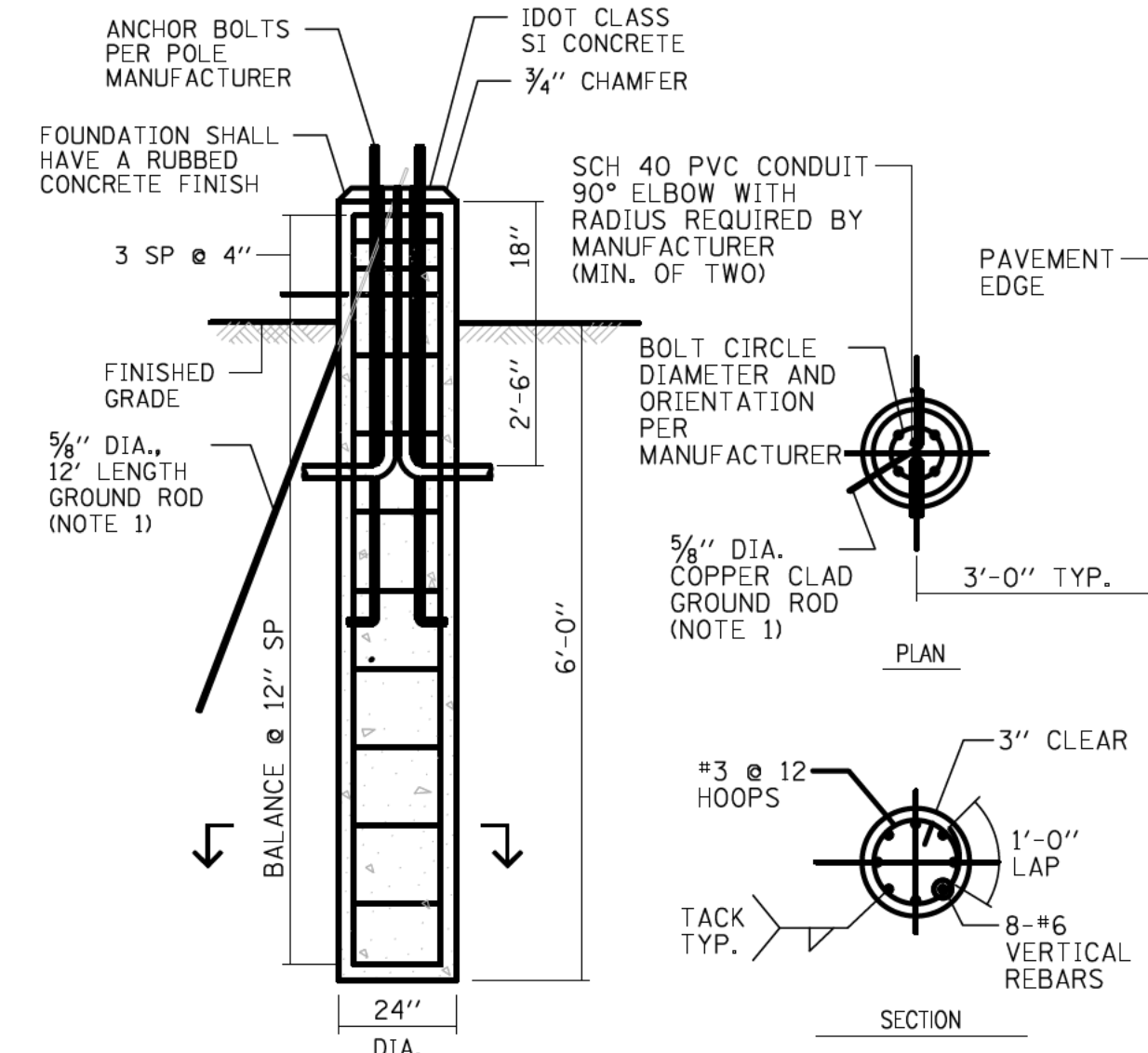


4 QR CODE READER

SCALE: NTS



LIGHT POLE



- NOTES:
1. GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8 FEET IN CONTACT WITH SOIL.
 2. FOUNDATIONS SHALL BE VIBRATED IN ACCORDANCE WITH IDOT STANDARD PRACTICES.

LIGHT POLE FOUNDATION

5 LIGHT POLE

SCALE: NTS

EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
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SEALS AND SIGNATURES

KEY PLAN

DRAWING TITLE
SITE DETAILS

SCALE 13959

PROJECT NUMBER CS503

DRAWING NUMBER

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EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
EVANSTON IL, 60201

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SEALS AND SIGNATURES

KEY PLAN

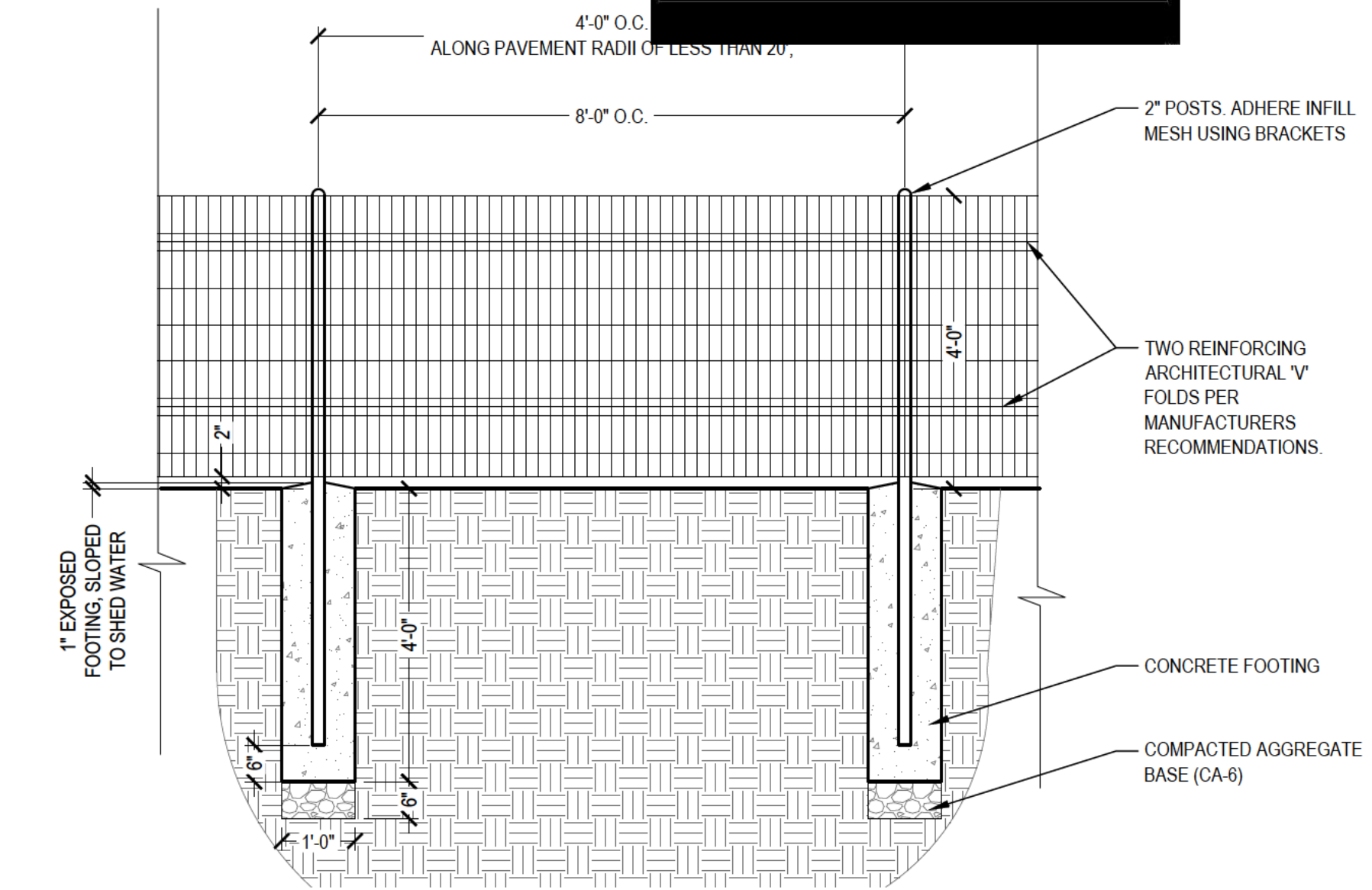
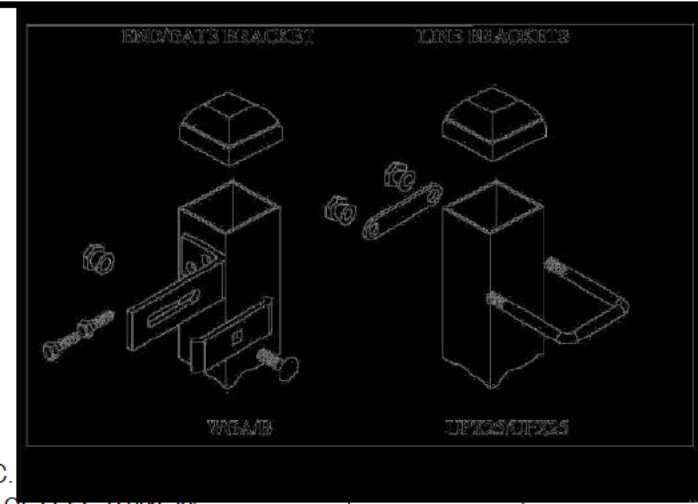
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SITE DETAILS

SCALE _____ 13959

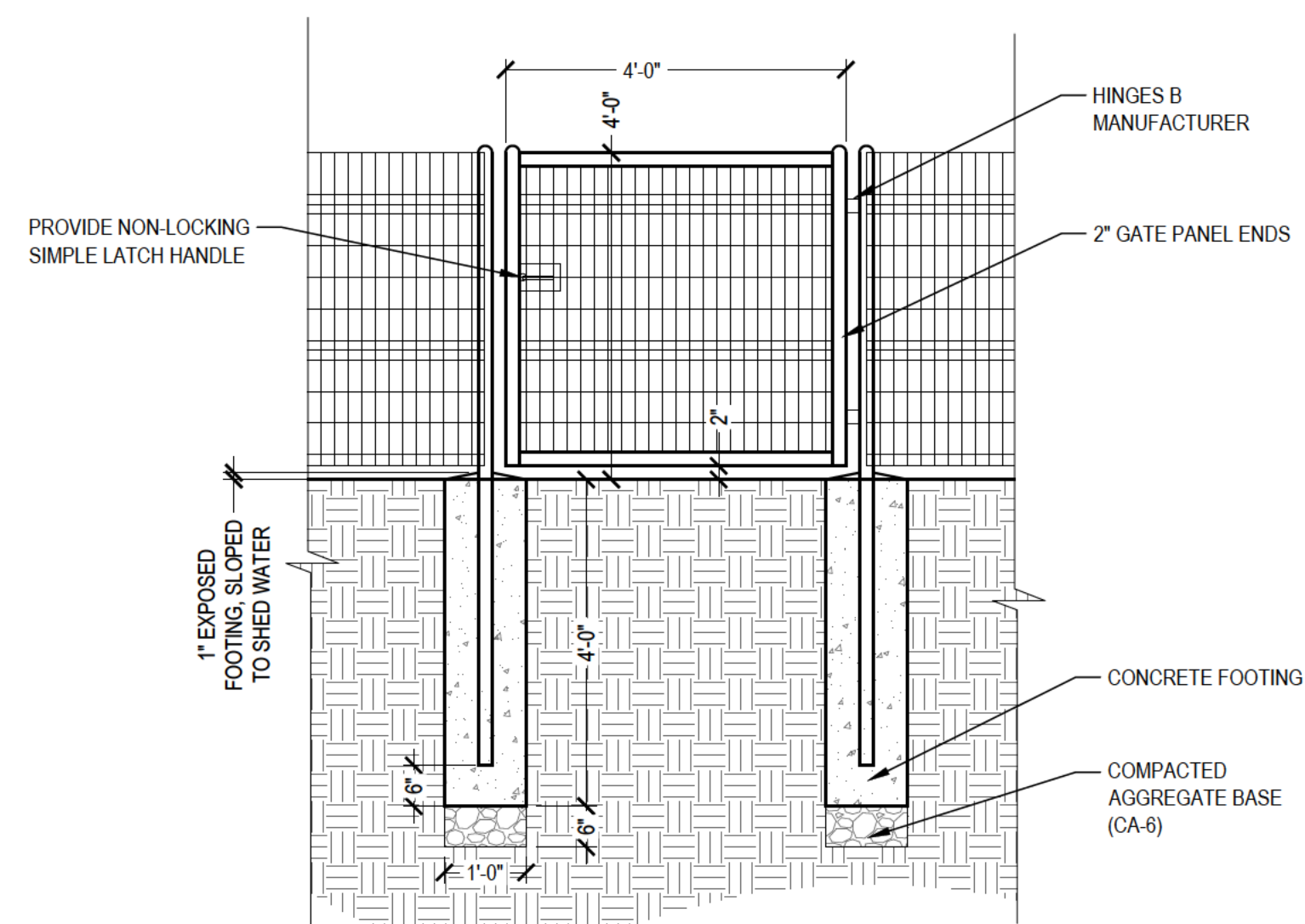
PROJECT NUMBER

CS504

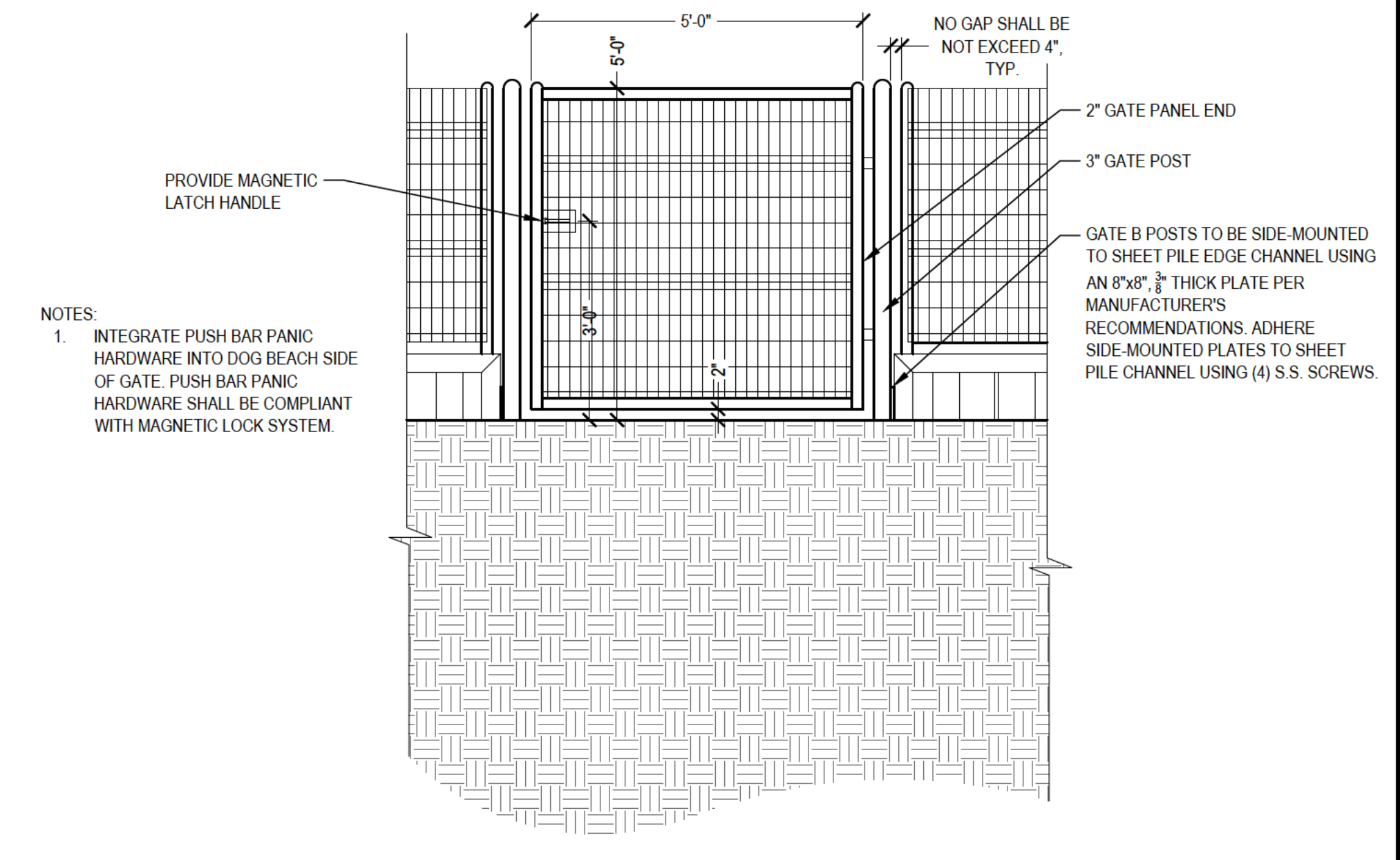
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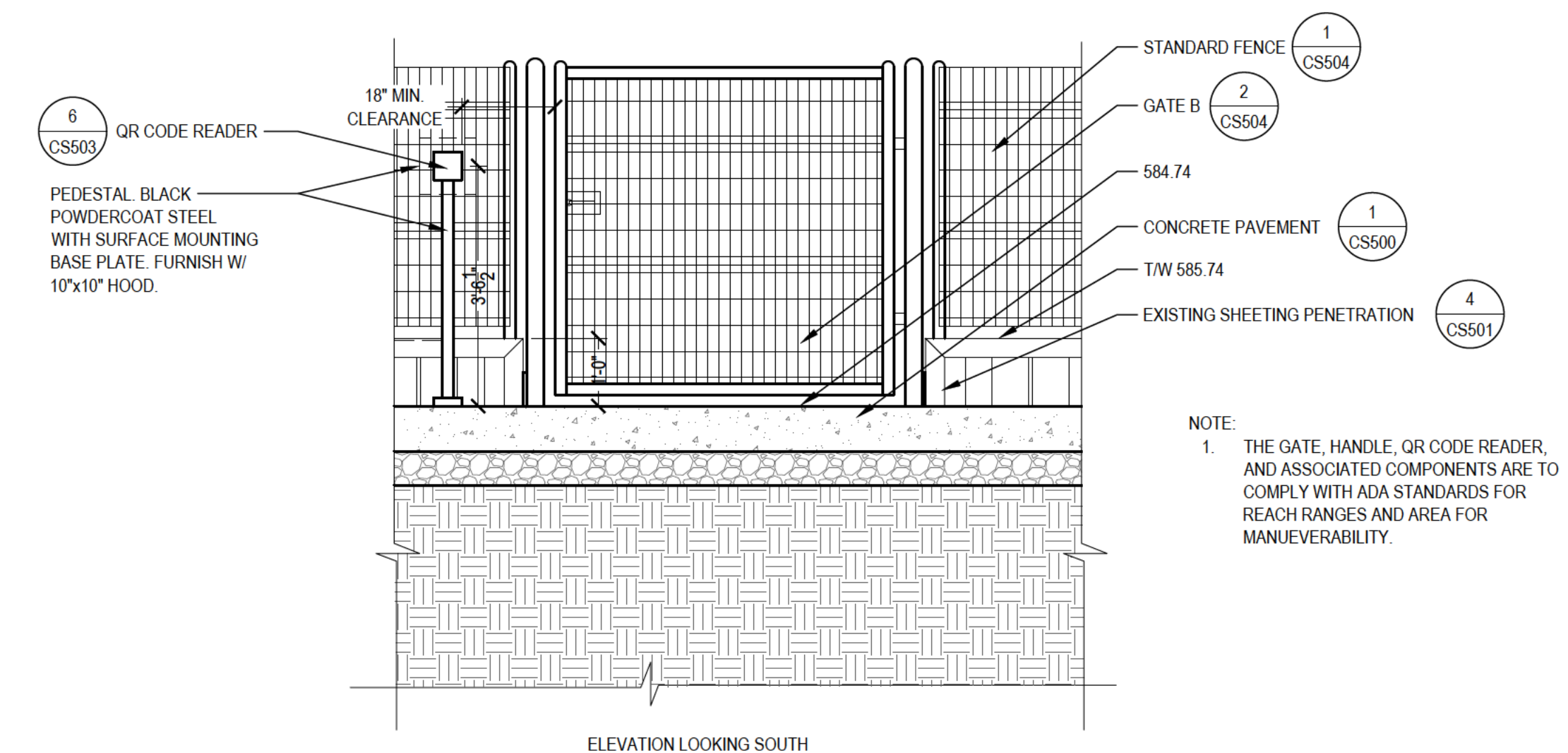
1 STANDARD FENCE SCALE: 1/2"=1'-0"



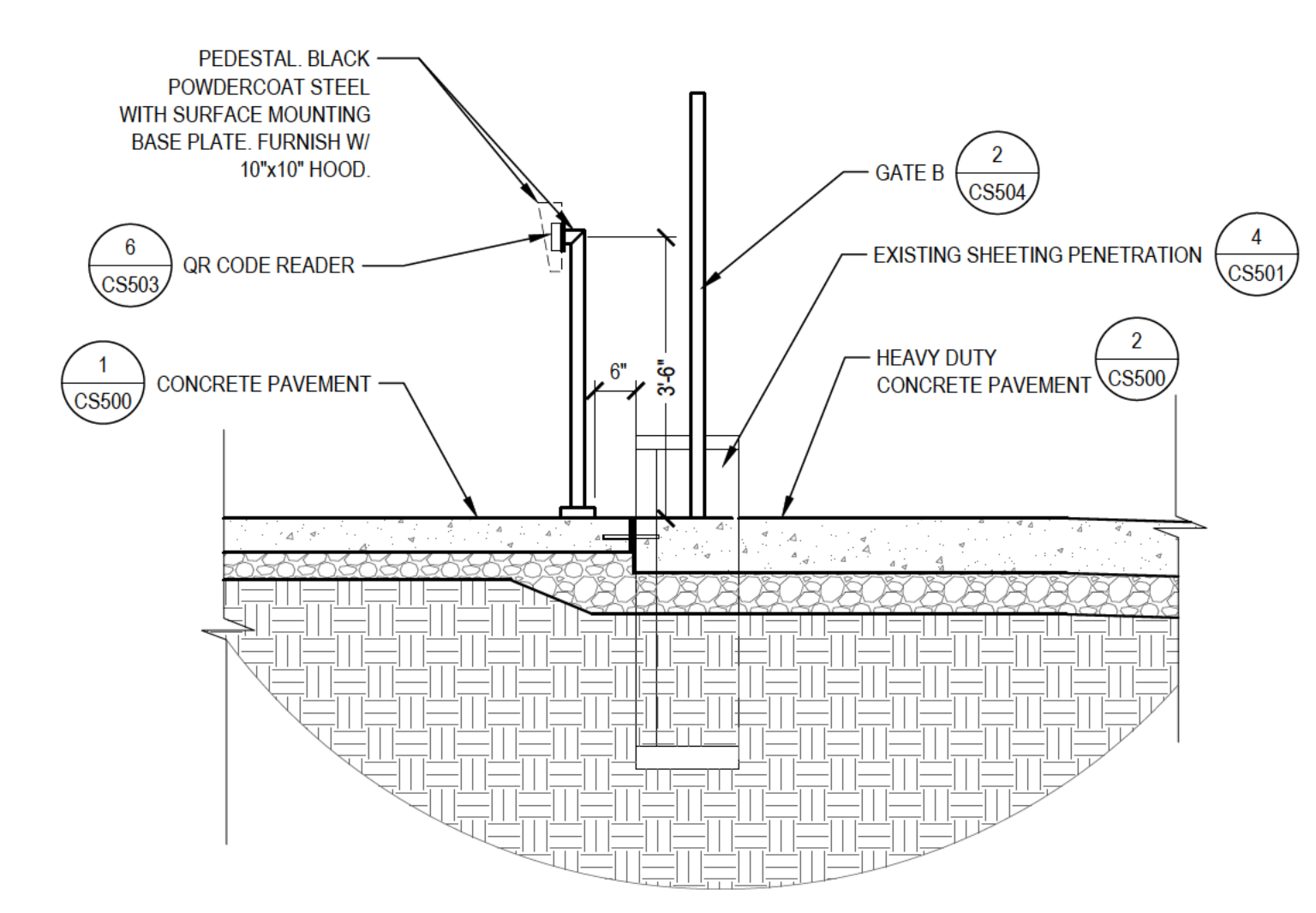
2 GATE A SCALE: 1/2"=1'-0"



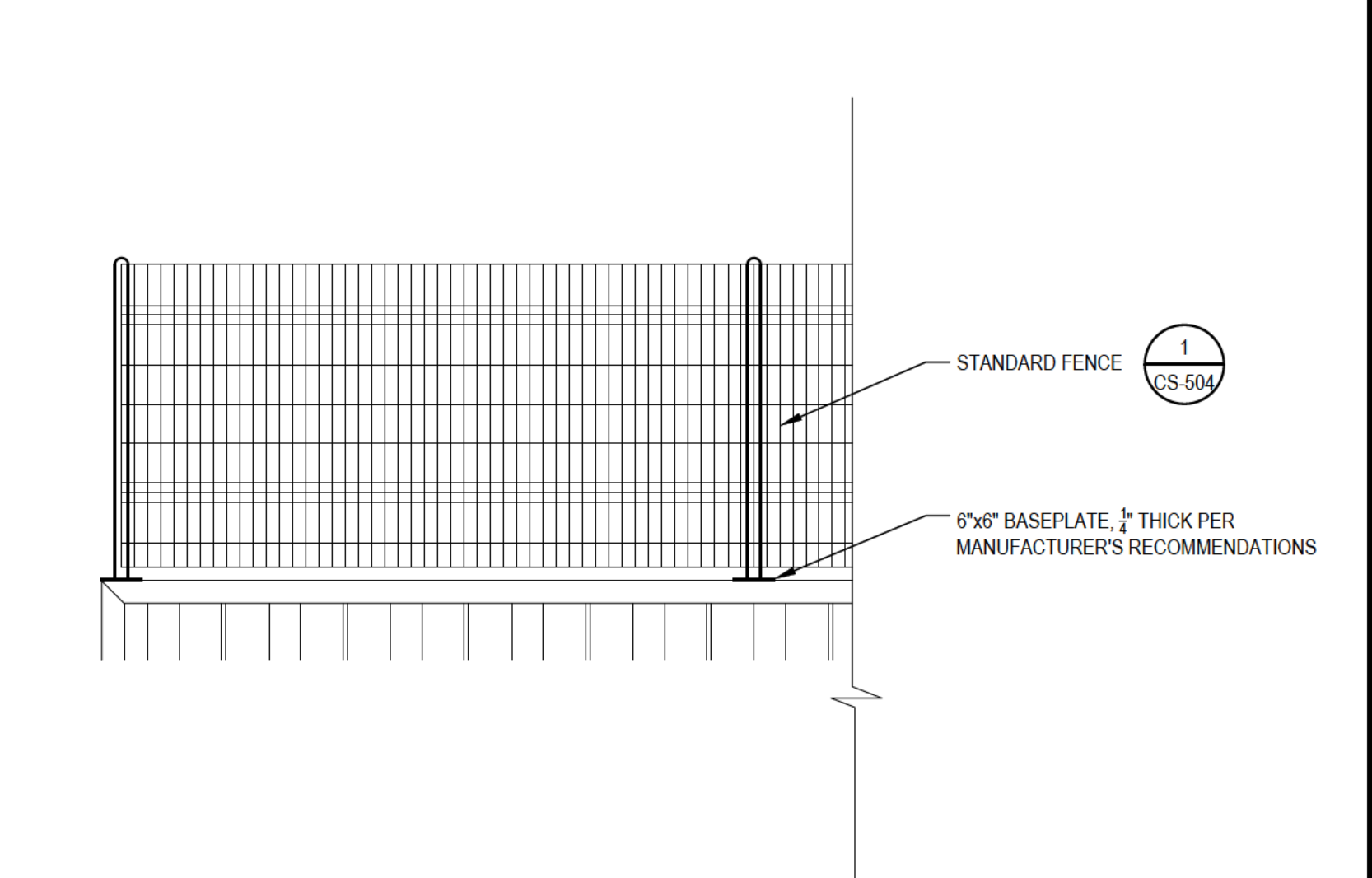
3 GATE B SCALE: 1/2"=1'-0"



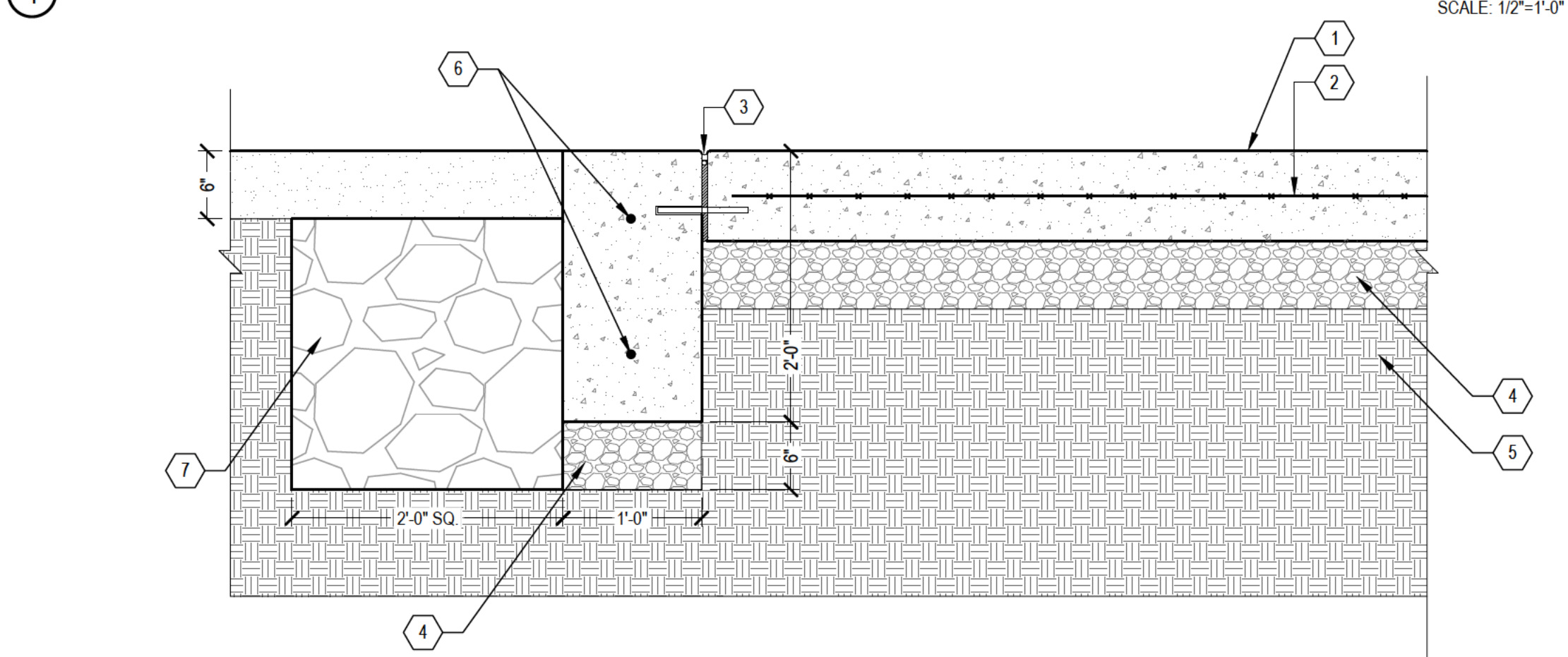
4 GATE AT EXISTING SHEET PENETRATION SCALE: 1/2"=1'-0"



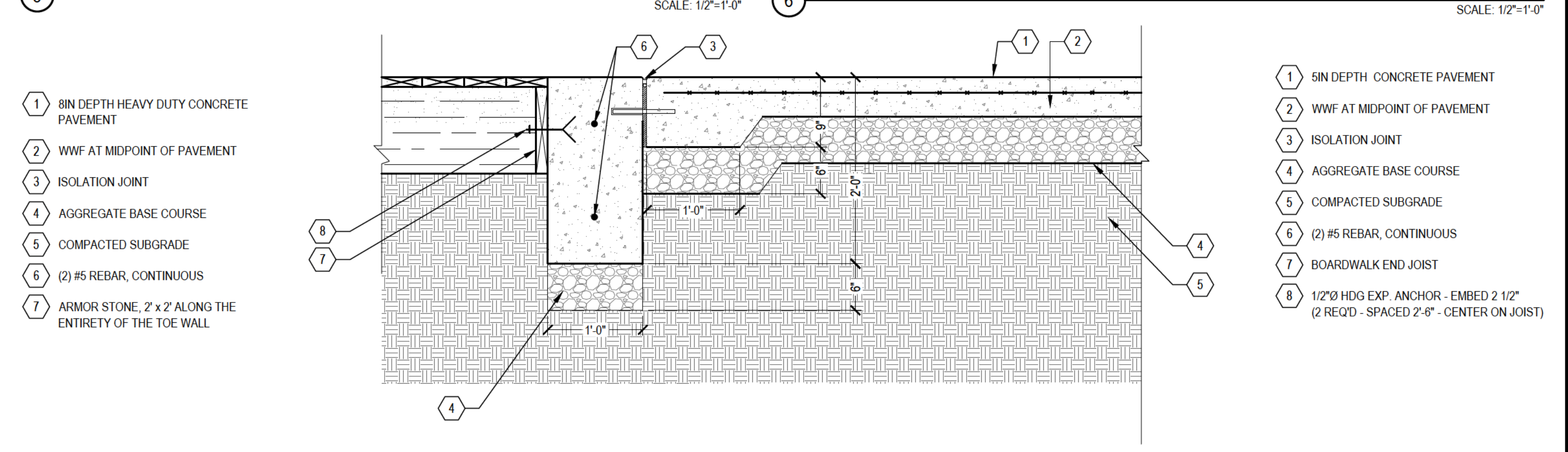
5 GATE SECTION AT EXISTING SHEET PENETRATION SCALE: 1/2"=1'-0"



6 STANDARD FENCE AT SHEET PILE WALL SCALE: 1/2"=1'-0"



7 TOE WALL - AT REVETMENT SCALE: 1"=1'-0"

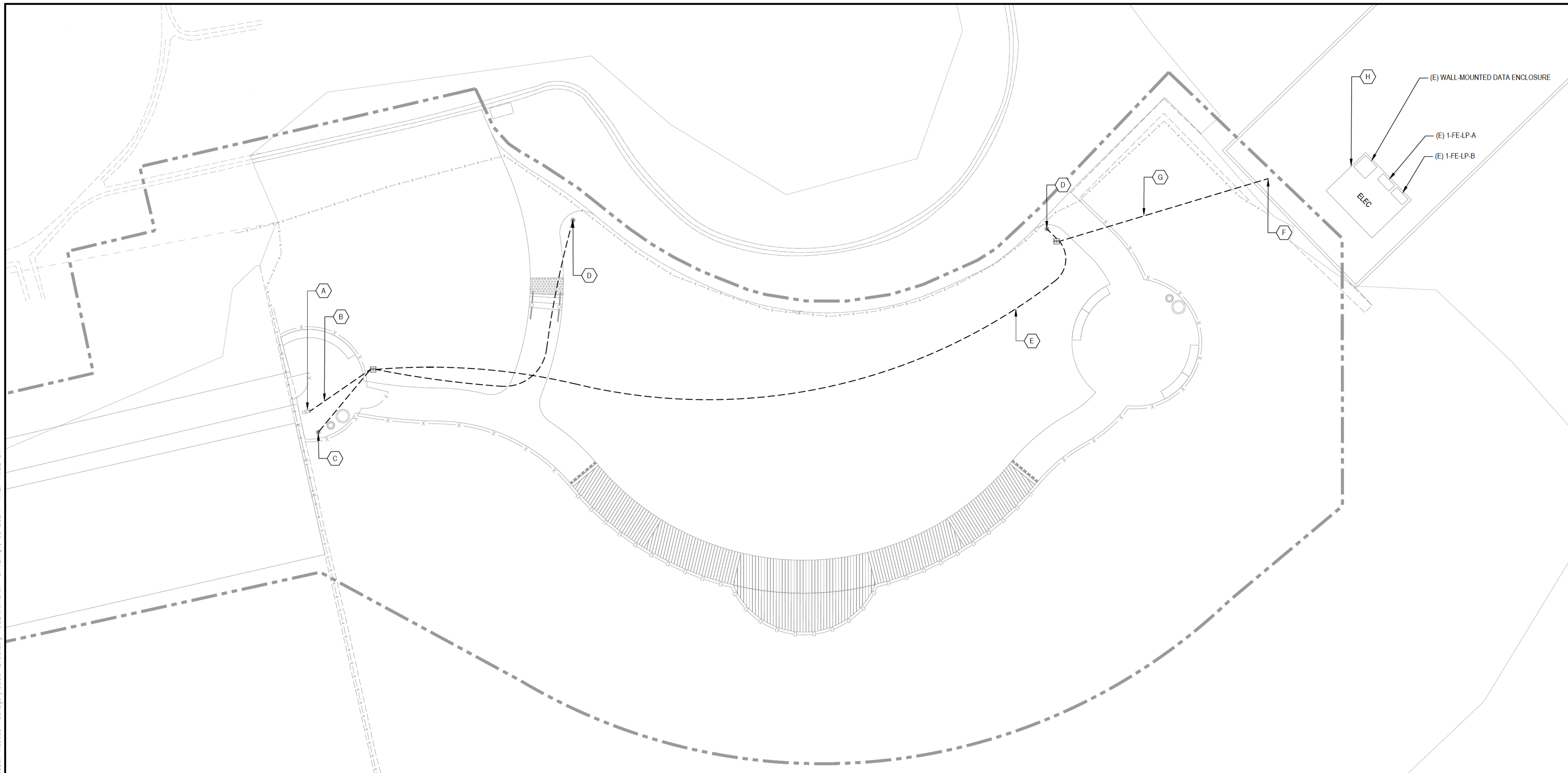


8 GATE SECTION AT EXISTING SHEET PENETRATION SCALE: 1"=1'-0"

FILE: C:\Users\Tmartin\SmithGroup\Companies Inc\PRJ - 13959 - Consultants\CAD\Dog Beach Access Package\3959-CS500.dwg USER: tmartin DATE: Apr. 02 2024 TIME: 08:15 pm

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EVANSTON DOG BEACH ACCESS

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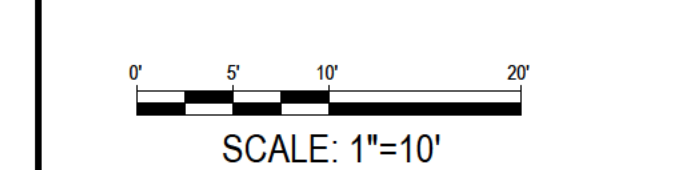
NOT FOR CONSTRUCTION

SHEET NOTES	KEYED NOTES	LEGEND																								
<ol style="list-style-type: none"> 1. PROVIDE SCH 40 HDPE FOR UNDERGROUND CONDUIT, EMT FOR INTERIOR CONDUIT. 2. ALL CONDUCTORS TO BE XHHW. 3. ALL CONDUIT IS TO BE DIRECTIONALLY DRILLED. 4. ALL SPLICES AT HAND HOLES TO BE WATERPROOF TYPE. 5. INTERCEPT EXISTING 208V POLE LIGHT CIRCUIT DOWNSTREAM OF TIME CLOCK FOR NEW LIGHTING. 6. PROVIDE 4 PORT POE NETWORK SWITCH IN EXISTING RACK ENCLOSURE. COORDINATE OUTPUT CURRENT WITH GATE CONTROLLER AND ELECTRIC STRIKE REQUIREMENTS. 7. PROVIDE NEW CIRCUIT FOR POE NETWORK SWITCH FROM SPARE 20A CIRCUIT IN PANEL 1-FE-LP-A. 7. PROVIDE NEW CIRCUIT FOR LIGHT POLE RECEPTACLES FROM SPARE 20A CIRCUIT IN PANEL 1-FE-LP-A. 8. COORDINATE WITH OWNER ON FINAL DATA CONNECTION BETWEEN EXISTING NETWORK SWITCH AND POE SWITCH. 9. CITY OF EVANSTON LIGHT POLE: LUMEC SAM8V-16.5-GFI-BKTX WITH MM-1A-BKTX BRACKET AND DMS50-70W64LED3K-G3-ACDR-LE5F-120-PH7-BKTX LUMINAIRE. 10. PROVIDE INTERNATIONAL BAR CODE QSCAN BAR CODE SCANNER, MODEL QSCAN-0CRS0-P. WIRE, INSTALL, AND CONFIGURE PER MANUFACTURER REQUIREMENTS. 	<table border="0"> <tr> <td>(A)</td> <td>MOUNT QSCAN QR READER TO FACE OF PEDESTAL ARM. PROVIDE 4-CONDUCTOR CABLE TO ELECTRIC STRIKE/STRIKE POWER SUPPLY PER MANUFACTURER'S REQUIREMENTS. ROUTE IN 1/2" C.</td> </tr> <tr> <td>(B)</td> <td>1" C FOR DATA</td> </tr> <tr> <td>(C)</td> <td>CONNECT NEW POLE TO EXISTING POLE LIGHT CIRCUIT. PROVIDE NEW 120V CIRCUIT FOR WEATHERPROOF GFCI RECEPTACLE AT EACH POLE. (4) #10, (2) #10G, 1/2" C</td> </tr> <tr> <td>(D)</td> <td>CONNECT NEW POLE TO EXISTING POLE LIGHT CIRCUIT. PROVIDE NEW 120V CIRCUIT FOR WEATHERPROOF GFCI RECEPTACLE AT EACH POLE. (4) #10, (2) #10G, 1/2" C. ADD-ALT #2</td> </tr> <tr> <td>(E)</td> <td>(2) #10, #10G, 1/2" C; (1) 1" C FOR DATA. ROUTE TO MINIMIZE SITE DISTURBANCE AND CIRCUIT LENGTH.</td> </tr> <tr> <td>(F)</td> <td>ROUTE CONDUITS FROM ELECTRICAL ROOM ABOVE DRYWALL CEILING AND DOWN INTERIOR FACE OF BLOCK EXTERIOR WALL. ROUTE THROUGH BLOCK WALL ALIGNED WITH OTHER EXISTING SERVICES AND TURN DOWN UNDERGROUND.</td> </tr> <tr> <td>(G)</td> <td>(2) #10, #10G, 1/2" C; 1" C FOR DATA.</td> </tr> <tr> <td>(H)</td> <td>PROVIDE (1) CAT5e DATA DROP FROM POE SWITCH TO GATE SCANNER.</td> </tr> </table>	(A)	MOUNT QSCAN QR READER TO FACE OF PEDESTAL ARM. PROVIDE 4-CONDUCTOR CABLE TO ELECTRIC STRIKE/STRIKE POWER SUPPLY PER MANUFACTURER'S REQUIREMENTS. ROUTE IN 1/2" C.	(B)	1" C FOR DATA	(C)	CONNECT NEW POLE TO EXISTING POLE LIGHT CIRCUIT. PROVIDE NEW 120V CIRCUIT FOR WEATHERPROOF GFCI RECEPTACLE AT EACH POLE. (4) #10, (2) #10G, 1/2" C	(D)	CONNECT NEW POLE TO EXISTING POLE LIGHT CIRCUIT. PROVIDE NEW 120V CIRCUIT FOR WEATHERPROOF GFCI RECEPTACLE AT EACH POLE. (4) #10, (2) #10G, 1/2" C. ADD-ALT #2	(E)	(2) #10, #10G, 1/2" C; (1) 1" C FOR DATA. ROUTE TO MINIMIZE SITE DISTURBANCE AND CIRCUIT LENGTH.	(F)	ROUTE CONDUITS FROM ELECTRICAL ROOM ABOVE DRYWALL CEILING AND DOWN INTERIOR FACE OF BLOCK EXTERIOR WALL. ROUTE THROUGH BLOCK WALL ALIGNED WITH OTHER EXISTING SERVICES AND TURN DOWN UNDERGROUND.	(G)	(2) #10, #10G, 1/2" C; 1" C FOR DATA.	(H)	PROVIDE (1) CAT5e DATA DROP FROM POE SWITCH TO GATE SCANNER.	<table border="0"> <tr> <td></td> <td>LIMITS OF CONSTRUCTION</td> </tr> <tr> <td></td> <td>24" X 24" POLYMER CONCRETE HAND HOLE WITH DIVIDER</td> </tr> <tr> <td></td> <td>CITY OF EVANSTON STANDARD LED LIGHT POLE</td> </tr> <tr> <td></td> <td>UNDERGROUND CONDUIT</td> </tr> </table>		LIMITS OF CONSTRUCTION		24" X 24" POLYMER CONCRETE HAND HOLE WITH DIVIDER		CITY OF EVANSTON STANDARD LED LIGHT POLE		UNDERGROUND CONDUIT
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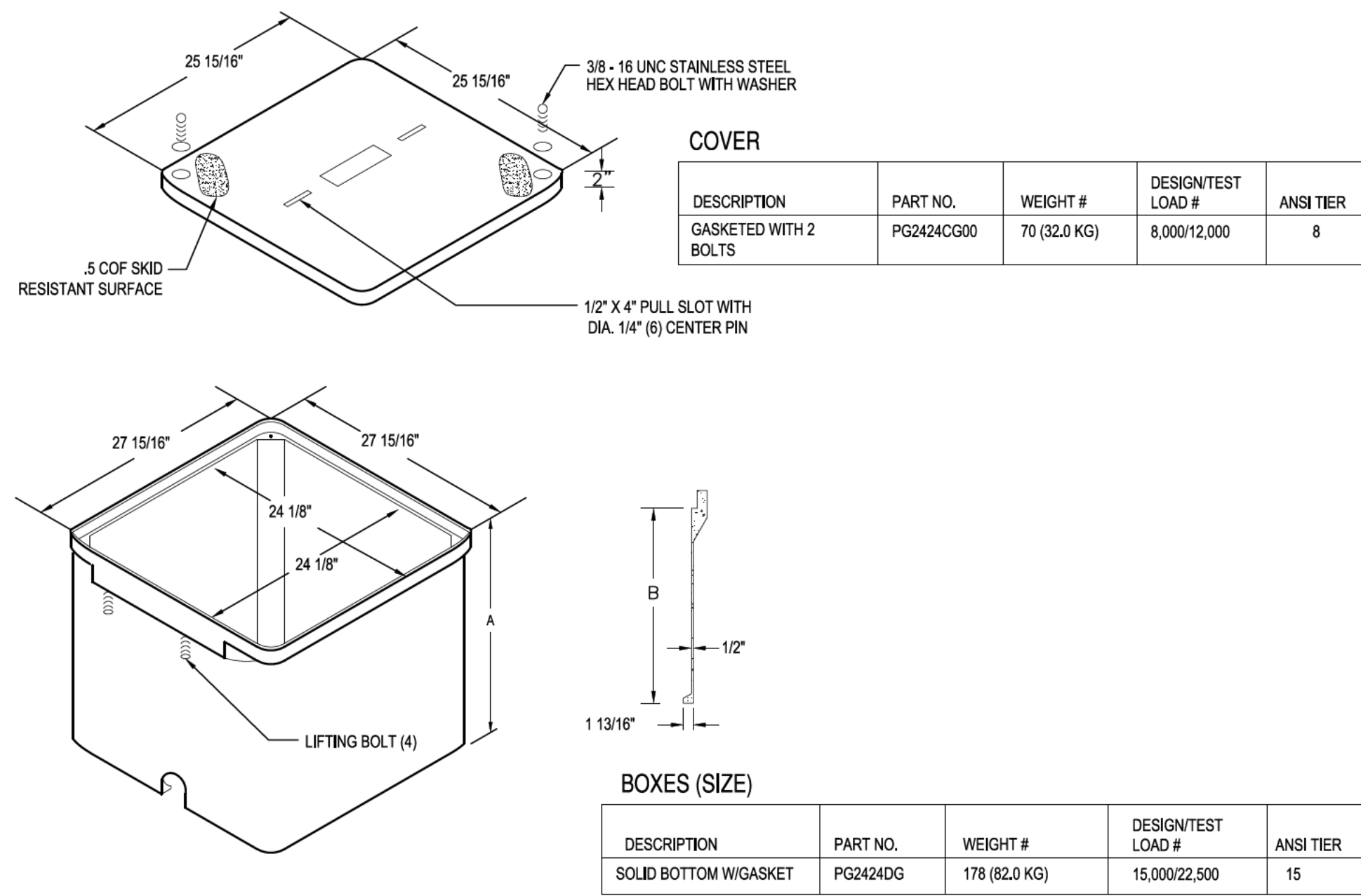
DRAWING TITLE

SITE LIGHTING PLAN



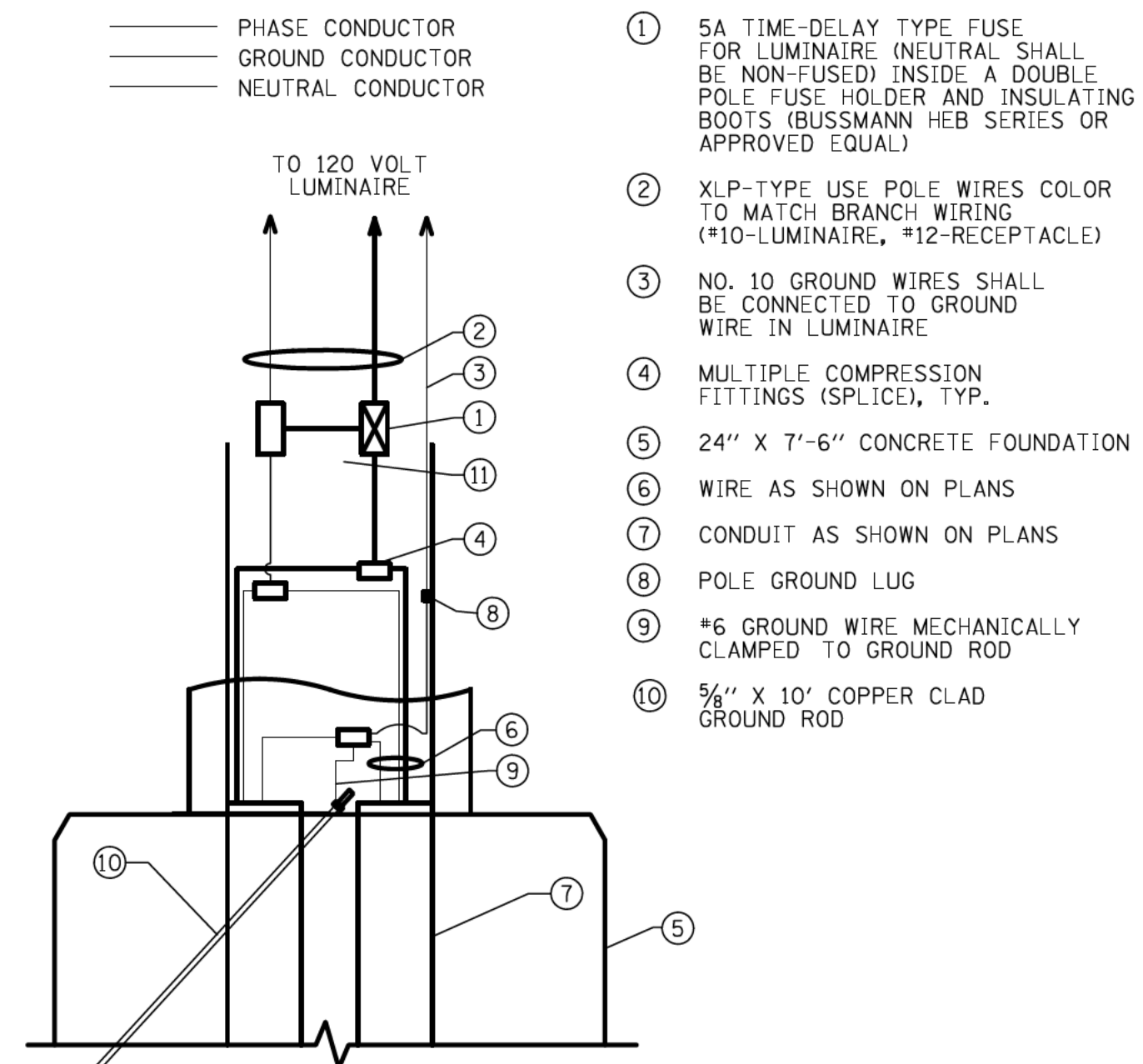
SCALE	13959
PROJECT NUMBER	E100
DRAWING NUMBER	

FILE:C:\Users\Martin\SmithGroup Companies Inc\PRJ - 13959 - Consultants\CAD\Dog Beach Access Package\13959-E100.dwg USER:tmartin DATE:Apr. 03 2024 TIME: 11:28 am



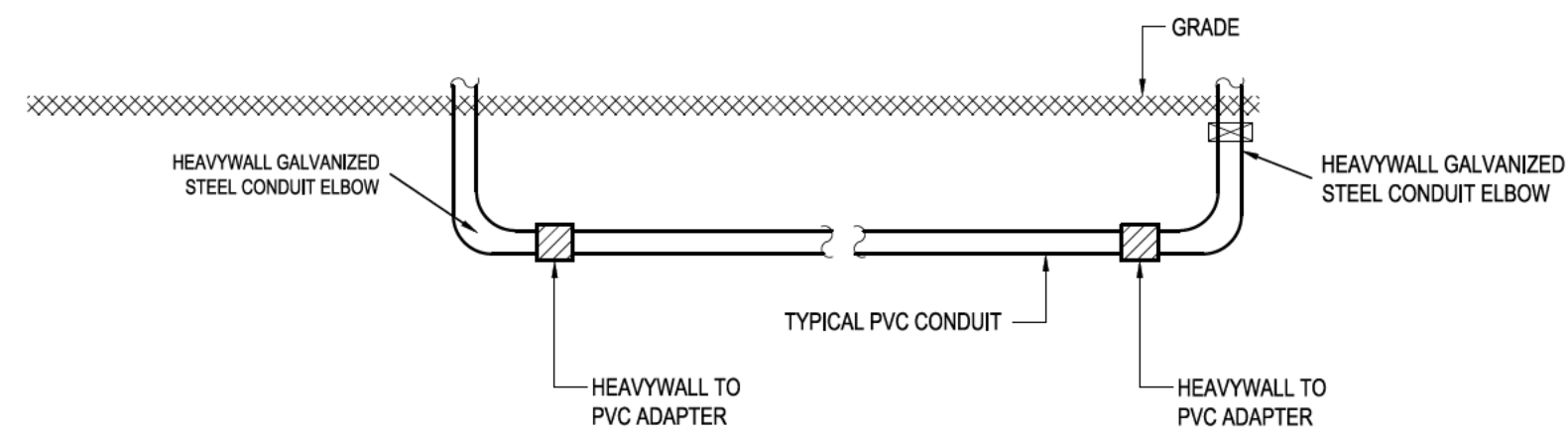
1 TYPICAL HANDHOLE DETAIL

SCALE: NTS



2 LIGHT POLE HANDHOLE WIRING DIAGRAM

SCALE: NTS



3 TYPICAL CONDUIT TRANSITION DIAGRAM

SCALE: NTS

— PHASE CONDUCTOR
 — GROUND CONDUCTOR
 — NEUTRAL CONDUCTOR

- ① 5A TIME-DELAY TYPE FUSE FOR LUMINAIRE (NEUTRAL SHALL BE NON-FUSED) INSIDE A DOUBLE POLE FUSE HOLDER AND INSULATING BOOTS (BUSSMANN HEB SERIES OR APPROVED EQUAL)
- ② XLP-TYPE USE POLE WIRES COLOR TO MATCH BRANCH WIRING (#10-LUMINAIRE, #12-RECEPTACLE)
- ③ NO. 10 GROUND WIRES SHALL BE CONNECTED TO GROUND WIRE IN LUMINAIRE
- ④ MULTIPLE COMPRESSION FITTINGS (SPLICE), TYP.
- ⑤ 24" X 7"-6" CONCRETE FOUNDATION
- ⑥ WIRE AS SHOWN ON PLANS
- ⑦ CONDUIT AS SHOWN ON PLANS
- ⑧ POLE GROUND LUG
- ⑨ #6 GROUND WIRE MECHANICALLY CLAMPED TO GROUND ROD
- ⑩ 5/8" X 10' COPPER CLAD GROUND ROD

EVANSTON DOG BEACH ACCESS

1811 SHERIDAN ROAD
 EVANSTON IL, 60201

Owner:



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ISSUED FOR _____ REV _____ DATE _____

ISSUE FOR BID _____ 04/11/2024

SEALS AND SIGNATURES

KEY PLAN

DRAWING TITLE
ELECTRICAL DETAILS

SCALE _____ 13959

PROJECT NUMBER

E500

DRAWING NUMBER

NOT FOR CONSTRUCTION

