HARDSCAPE AND SITE FURNISHINGS SCHEDULE

SYM	QTY	ITEM	NOTES
6 / LS-20	36,700 SF	ASPHALT PATH	
3 / LS-20	4,715 SF	CONCRETE PAVING	
1 / LS-20	6,910 LF	CRUSHED ROCK TRAIL	SEE CIVIL PLANS
2 / LS-20	6,170 LF	MULCH TRAIL	
5 / LS-21, 4 / LS-21	11	TRASH RECEPTACLE	SEE SPEC SECTION 32 33 00
1 / LS-21	5	DOG WASTE STATION	SEE SPEC SECTION 32 33 00
2 / LS-21	4	BICYCLE RACK	SEE SPEC SECTION 32 33 00
1 / LS-19	12	STANDARD PICNIC TABLE	SEE SPEC SECTION 32 33 00
2 / LS-19	5	ADA PICNIC TABLE	SEE SPEC SECTION 32 33 00
6 / LS-21	7	BENCH	SEE SPEC SECTION 32 33 00
3 / LS-19	1	EMERGENCY BLUE LIGHT TOWER	SEE SPEC SECTION 32 33 00; SEE STRUCTURAL DWGS FOR FOOTING DESIGN (1)
•	8	FIXED BOLLARD	PER WSDOT STANDARD PLAN H-60.20.01; SEE SPEC SECTION 32 33 00 (2)(1)
⊙	2	REMOVABLE BOLLARD	PER WSDOT STANDARD PLAN H-60.10-01; SEE SPEC SECTION 32 33 00 (2)(1)
—o—o—	1,720 LF	CHAIN LINK FENCE TYPE 3	SEE WSDOT STANDARD PLAN L-20.10-03 AND SPEC SECTION 32 33 00 (2)(1)

LEGEND

- X / XX — DETAIL IDENTIFICATION / DETAIL SHEET IDENTIFICATION
- PROPERTY LINE
- DISC GOLF FAIRWAY, BASKET & TEE; SEE DG-00 THROUGH DG-02
- LARGE TRAILHEAD SIGN; SEE ARCHITECTURAL SIGNAGE PLANS
- MEDIUM TRAILHEAD SIGN; SEE ARCHITECTURAL SIGNAGE PLANS
- MONUMENT SIGN; SEE ARCHITECTURAL SIGNAGE PLANS
- KIOSK SIGNAGE; SEE ARCHITECTURAL SIGNAGE PLANS
- NO SYMBOL — ROCKERY WALL; TO BE INSTALLED AS-NEEDED BASED ON FIELD CONDITIONS; SEE DETAIL 5/LS-20 AND SPEC SECTION 32 33 00
- PLANTING AREA; SEE PLANTING PLANS
- 1 / LS-22, 1 / LS-23 — PLAYGROUND; SEE SPEC SECTIONS 11 68 13 AND 32 18 16 FOR PLAYGROUND EQUIPMENT AND PLAYGROUND PROTECTIVE SURFACING
- 4 / LS-20 — EXPANSION JOINT
- ⊕ A — CONTROL POINT; SEE SHEET LS-15 FOR CONTROL POINTS TABLE

NOTES

1. HARDSCAPE & SITE FURNISHINGS DWG IS BASED UPON BASE DWG DATED 10/30/2024 PROVIDED BY KPFF.
2. SEE CIVIL PLANS FOR LAYOUT OF CRUSHED ROCK AND MULCH TRAILS.
3. INCLUDE 300 LF ROCKERY WALL IN THE CONTRACT BID AMOUNT. SEE SPEC SECTION 32 33 00.

ABBREVIATIONS

#/NO.	NUMBER	HT	HEIGHT
%	PERCENT	LF	LINEAR FEET
&	AND	MFR(S)	MANUFACTURER('S)
@	AT	MAX	MAXIMUM
℄ / CL	CENTER LINE	MIN	MINIMUM
ABBV	ABBREVIATIONS	NTS	NOT TO SCALE
ADA	AMERICANS WITH DISABILITIES ACT	OC	ON CENTER
		POB	POINT OF BEGINNING
ARCH	ARCHITECTURE	POE	POINT OF END
CLR	CLEAR	PT	POINT
CONC	CONCRETE	QTY	QUANTITY
CSBC	CRUSHED SURFACING BASE COURSE	R	RADIUS
		SF	SQUARE FEET
DIA	DIAMETER	SPEC(S)	SPECIFICATION(S)
DWG/S	DRAWING/S	SS	STAINLESS STEEL
EA	EACH	STD	STANDARD
ENG	ENGINEER	SYM	SYMBOL
EQ	EQUAL	TYP	TYPICAL
EX	EXISTING	VERT	VERTICAL
HORIZ	HORIZONTAL	W/	WITH

BID ADDENDUM #2

CITY OF LACEY, WASHINGTON
DEPARTMENT OF PUBLIC WORKS
420 COLLEGE STREET S.E.
LACEY, WA 98503 (360) 491-5600

DATE: 11/20/2024
DRAFTED: ES
CHECKED: DWK
SCALE: NTS
2711 CARPENTER ROAD NE
OLYMPIA, WA 98516
FILE: L-SITE-PLOT

HBB
LANDSCAPE ARCHITECTURE
2101 4TH AVENUE, SUITE 1800 SEATTLE, WA 98121
206.682.3051 phone 206.682.3245 fax

STATE OF WASHINGTON · MERIT OVIR · 01/15/2025 · LICENSED LANDSCAPE ARCHITECT · NO. 1598 EXP. 03/2025

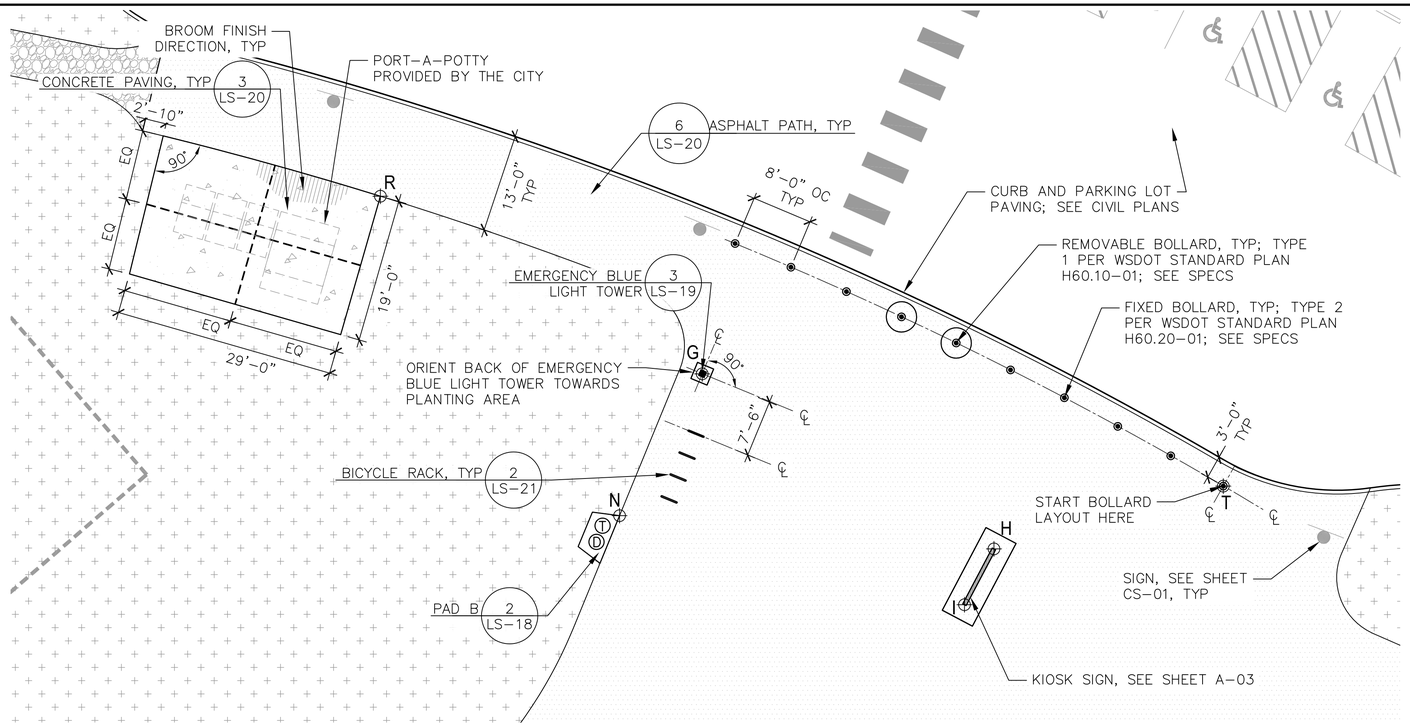
GREG CUOIO PARK
PHASE 1A IMPROVEMENTS
HARDSCAPE & SITE FURNISHINGS SCHEDULE, NOTES, ABBV, & LEGEND

REVISION BLOCK

NO.	DATE	DESCRIPTION
1	01/10/2025	BID ADDENDUM #1
2	01/16/2025	BID ADDENDUM #2

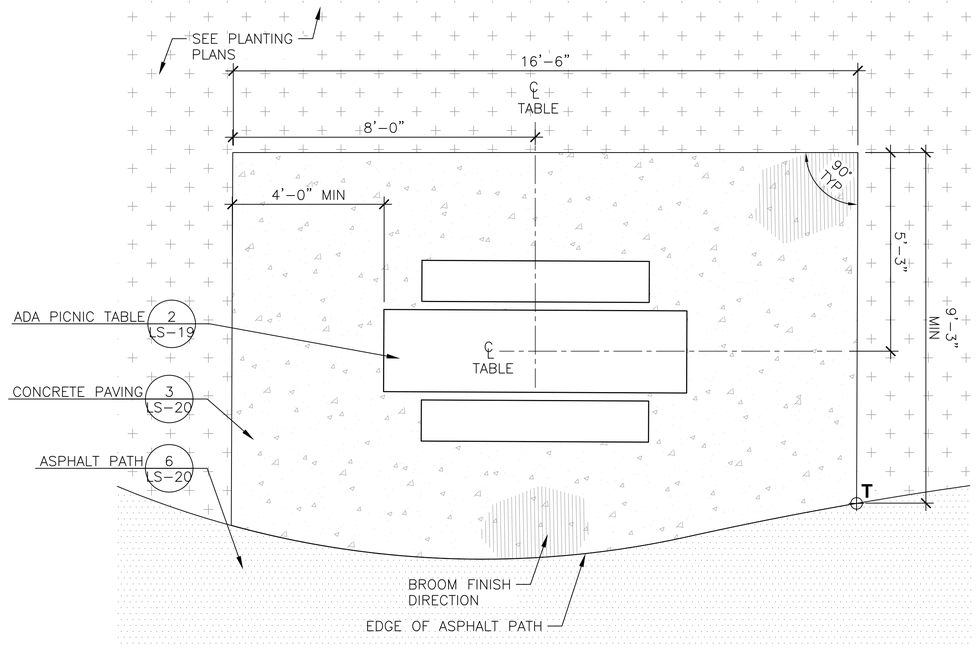
DWG NO. LS-00

OF



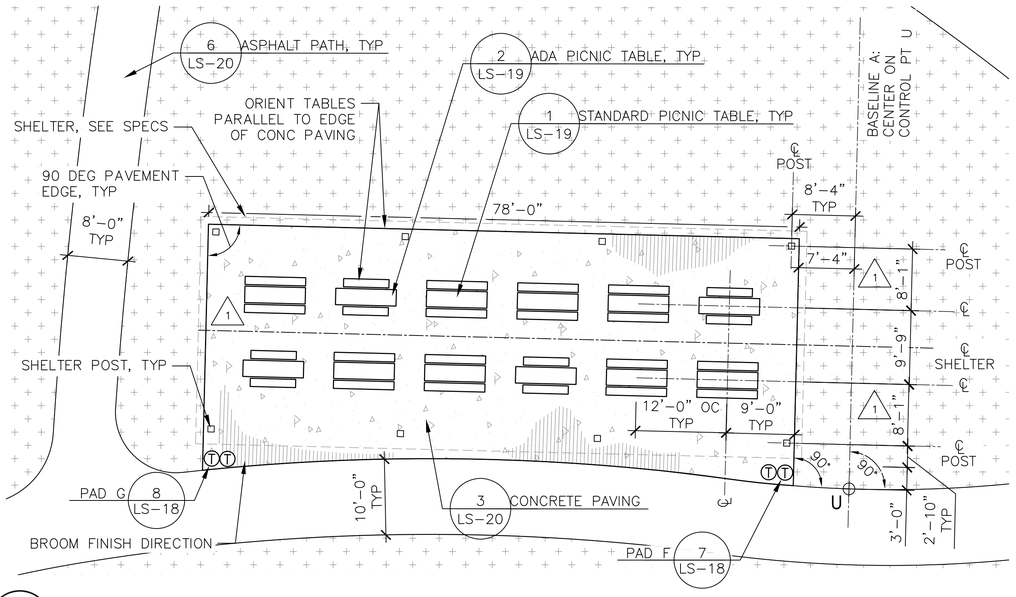
1 PLAN ENLARGEMENT 3

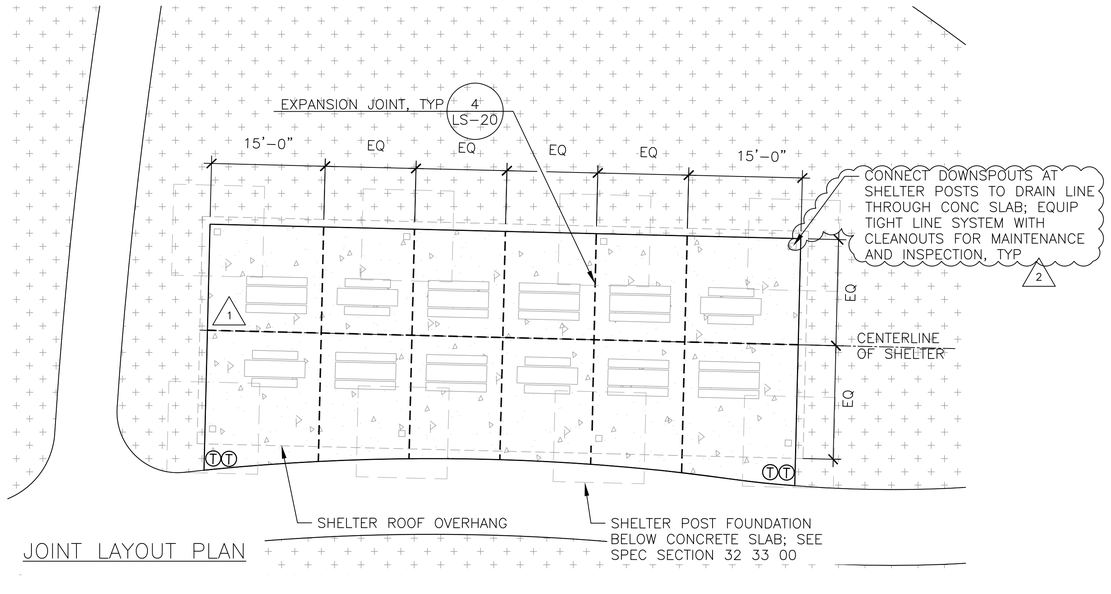
SCALE: 1" = 10'-0"



2 ADA PICNIC TABLE ENLARGEMENT

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





JOINT LAYOUT PLAN

3 PLAN ENLARGEMENT 4

SCALE: 1" = 10'-0"

BID ADDENDUM #2

CITY OF LACEY, WASHINGTON
DEPARTMENT OF PUBLIC WORKS
420 COLLEGE STREET S.E.
LACEY, WA 98503 (360) 491-5600

LACEY

DATE: 11/20/2024
DRAFTED: ES
CHECKED: DWK
SCALE: AS SHOWN
2711 CARPENTER ROAD NE
OLYMPIA, WA 98516
FILE: L-ENLRG & DETAILS-PLOT

HBB
LANDSCAPE ARCHITECTURE
2101 4TH AVENUE, SUITE 1800
SEATTLE, WA 98121
206.682.3051 phone
206.682.3245 fax

STATE OF WASHINGTON · MERIT OVIR · 01/15/2025 · NO. 1396 EXP. 03/2026 · LICENSED LANDSCAPE ARCHITECT

GREG CUOIO PARK
PHASE 1A IMPROVEMENTS

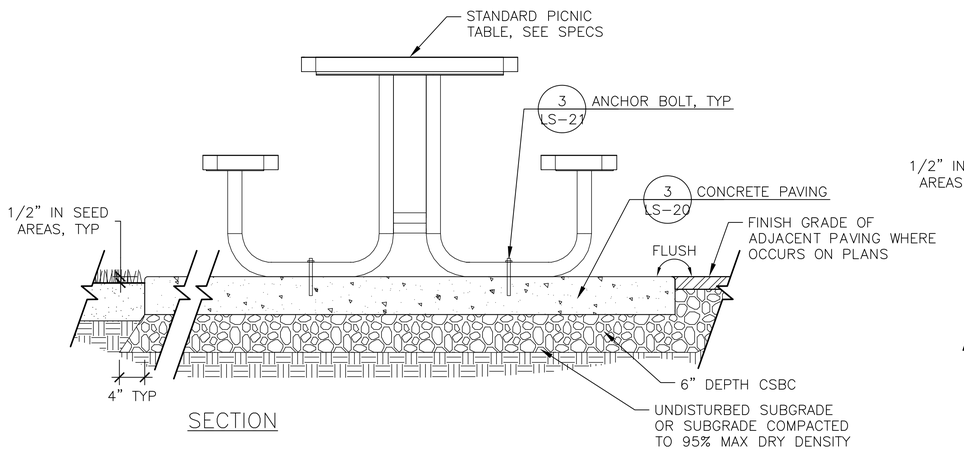
HARDSCAPE & SITE FURNISHING PLAN ENLARGEMENTS

REVISION BLOCK

NO.	DATE	DESCRIPTION
1	01/10/2025	BID ADDENDUM #1
2	01/16/2025	BID ADDENDUM #2

DWG NO. LS-17

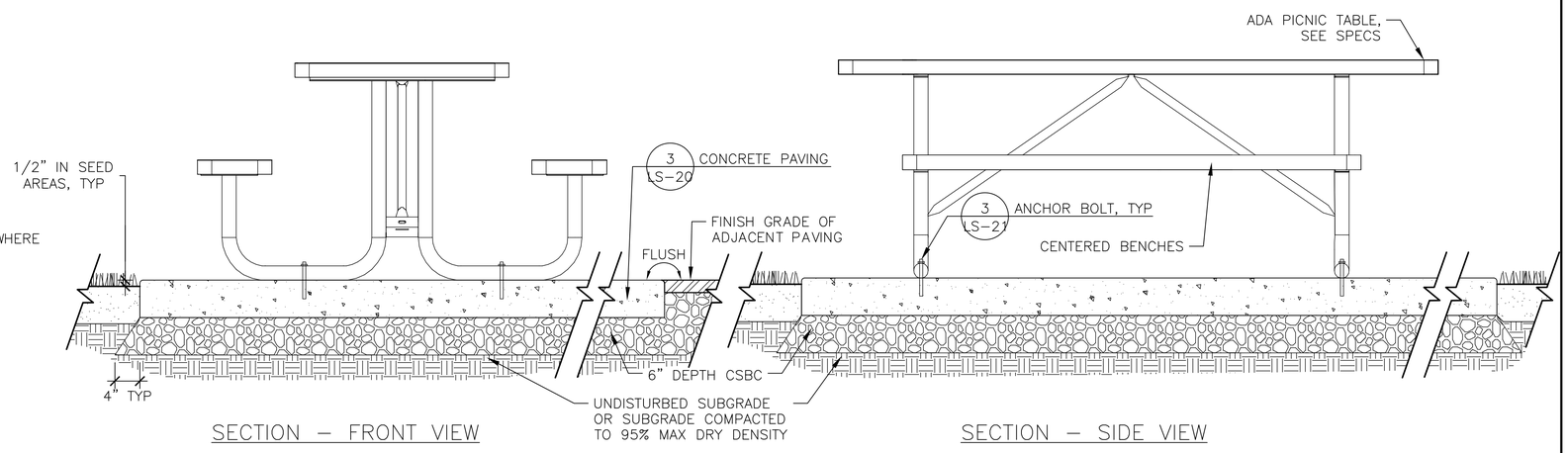
OF



SECTION

1 STANDARD PICNIC TABLE

SCALE: NTS

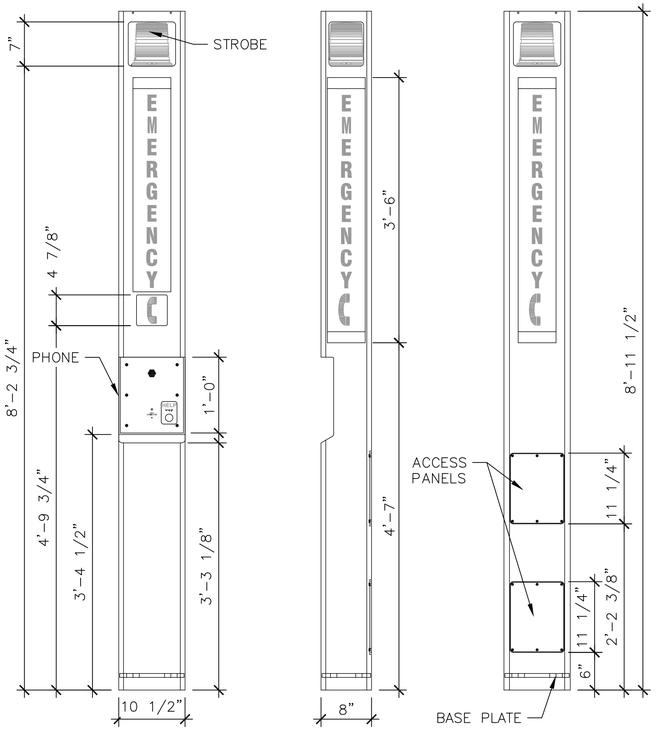


SECTION – FRONT VIEW

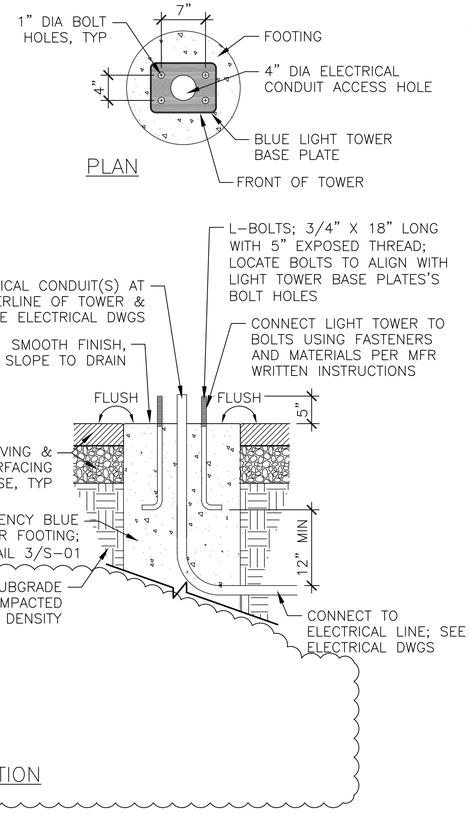
SECTION – SIDE VIEW

2 ADA PICNIC TABLE

SCALE: NTS



FRONT ELEVATION SIDE ELEVATION REAR ELEVATION



PLAN

SECTION

3 EMERGENCY BLUE LIGHT TOWER

SCALE: NTS

BID ADDENDUM #2

CITY OF LACEY, WASHINGTON
DEPARTMENT OF PUBLIC WORKS
420 COLLEGE STREET S.E.
LACEY, WA 98503 (360) 491-5600

DATE: 11/20/2024
DRAFTED: ES
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SCALE: NTS
2711 CARPENTER ROAD NE
OLYMPIA, WA 98516
FILE: L-ENLRG & DETAILS-PLOT

HBB
LANDSCAPE ARCHITECTURE
2101 4TH AVENUE, SUITE 1800 206.682.3051 phone
SEATTLE, WA 98121 206.682.3245 fax

STATE OF WASHINGTON MERIT OWIR NO. 1396 EXP. 01/7/2025 LICENSED LANDSCAPE ARCHITECT 01/15/2025

GREG CUOIO PARK PHASE 1A IMPROVEMENTS

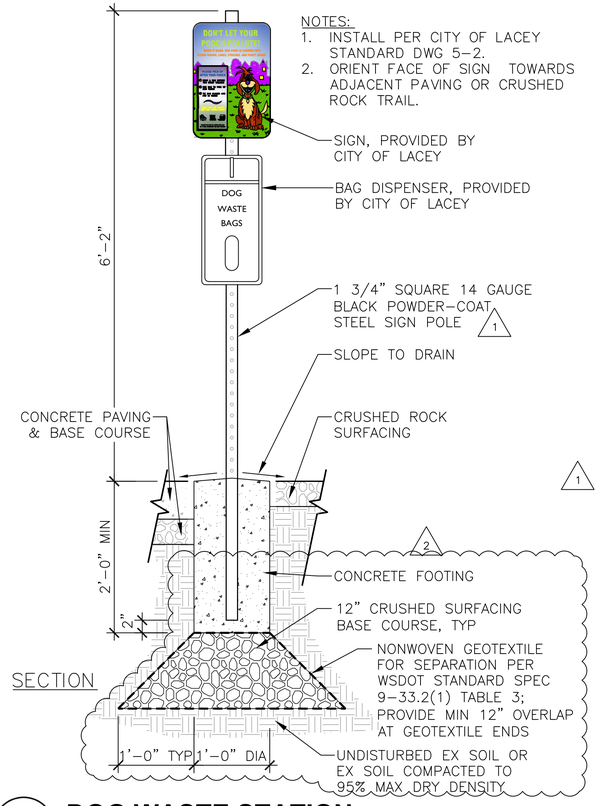
HARDSCAPE & SITE FURNISHING DETAILS

REVISION BLOCK

NO.	DATE	DESCRIPTION
1	01/10/2025	BID ADDENDUM #1
2	01/16/2025	BID ADDENDUM #2

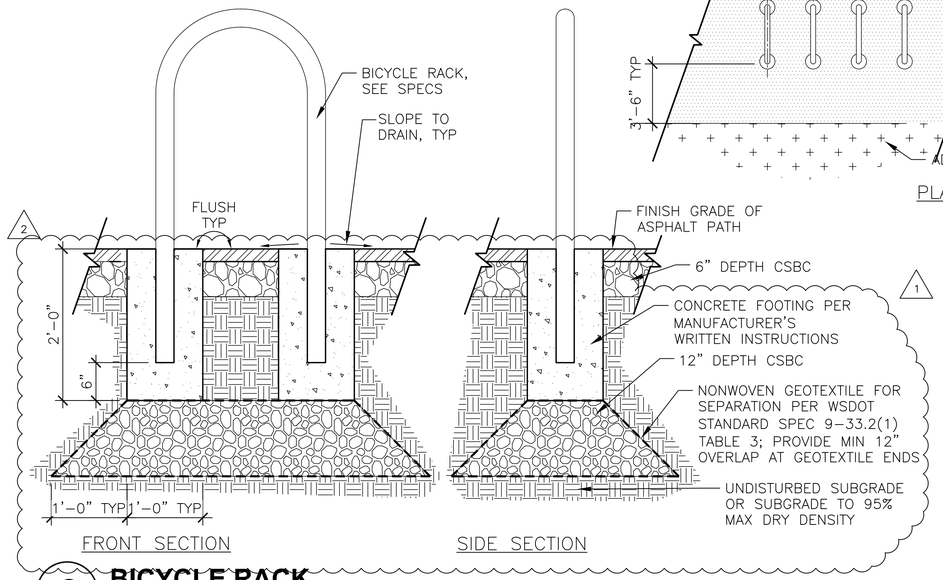
DWG NO. LS-19

OF

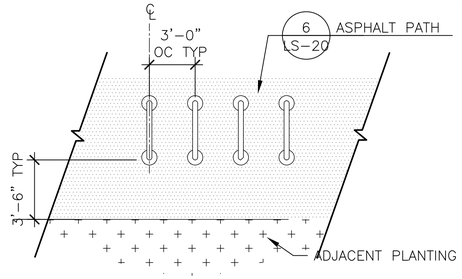


1 DOG WASTE STATION
SCALE: NTS

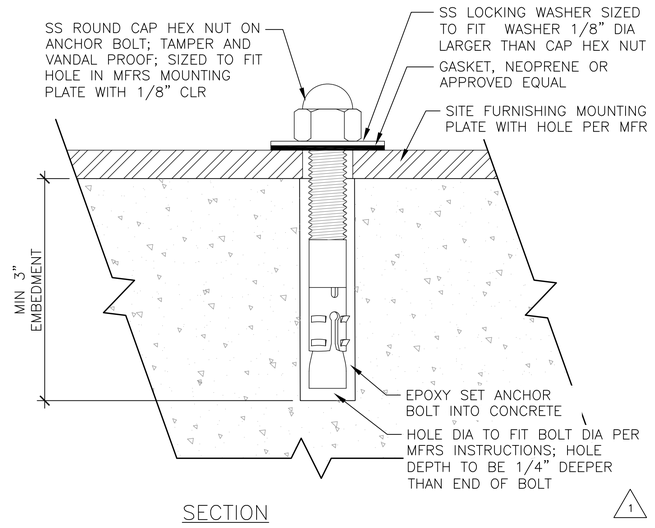
NOTE:
1. FIELD VERIFY LOCATION WITH ENG PRIOR TO INSTALLATION.



2 BICYCLE RACK
SCALE: NTS



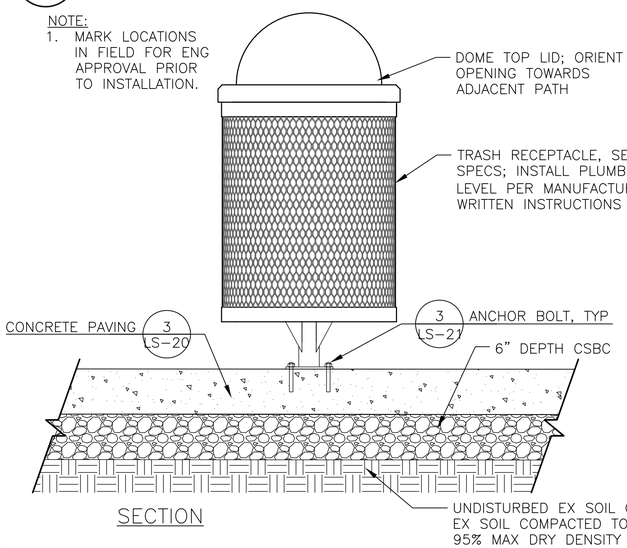
PLAN



SECTION

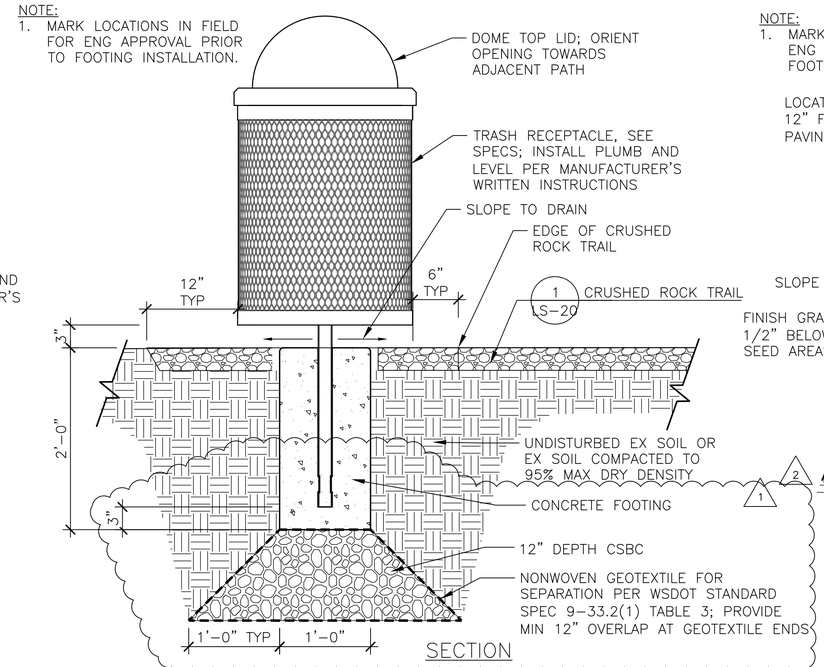
3 ANCHOR BOLT
SCALE: NTS

NOTE:
1. MARK LOCATIONS IN FIELD FOR ENG APPROVAL PRIOR TO INSTALLATION.



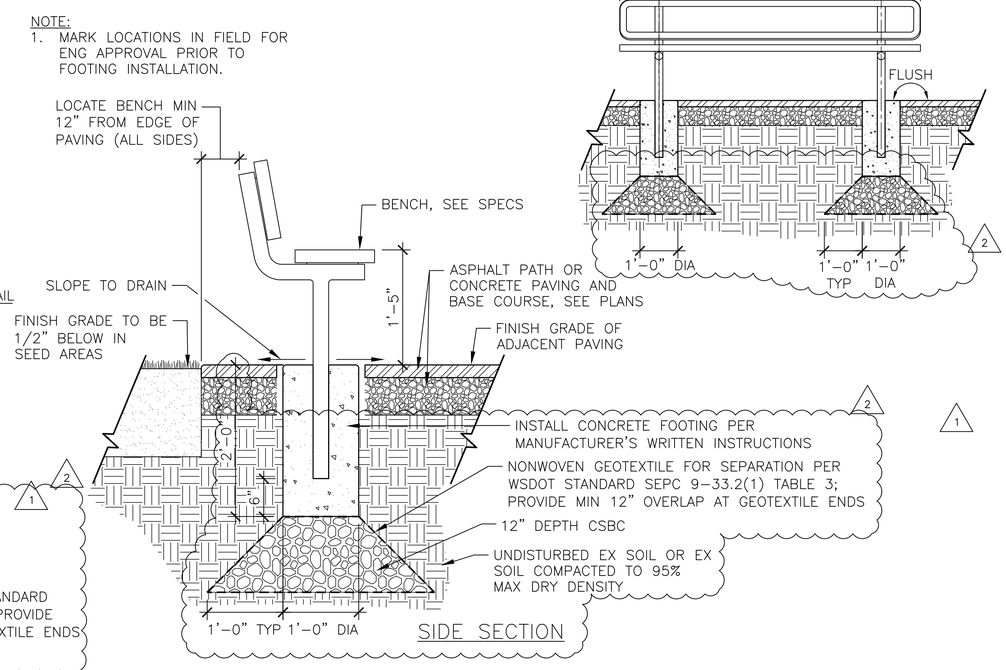
4 TRASH RECEPTACLE - SURFACE MOUNT
SCALE: NTS

NOTE:
1. MARK LOCATIONS IN FIELD FOR ENG APPROVAL PRIOR TO FOOTING INSTALLATION.



5 TRASH RECEPTACLE - EMBEDDED
SCALE: NTS

NOTE:
1. MARK LOCATIONS IN FIELD FOR ENG APPROVAL PRIOR TO FOOTING INSTALLATION.



6 BENCH
SCALE: NTS

BID ADDENDUM #2

CITY OF LACEY, WASHINGTON
DEPARTMENT OF PUBLIC WORKS
420 COLLEGE STREET S.E.
LACEY, WA 98503 (360) 491-5600

LACEY

DATE: 11/20/2024
DRAFTED: ES
CHECKED: DWK
SCALE: NTS
2711 CARPENTER ROAD NE
OLYMPIA, WA 98516
FILE: L-ENLRG & DETAILS-PLOT

HBB
LANDSCAPE ARCHITECTURE
2101 4TH AVENUE, SUITE 1800
SEATTLE, WA 98121
206.682.3051 phone
206.682.3245 fax

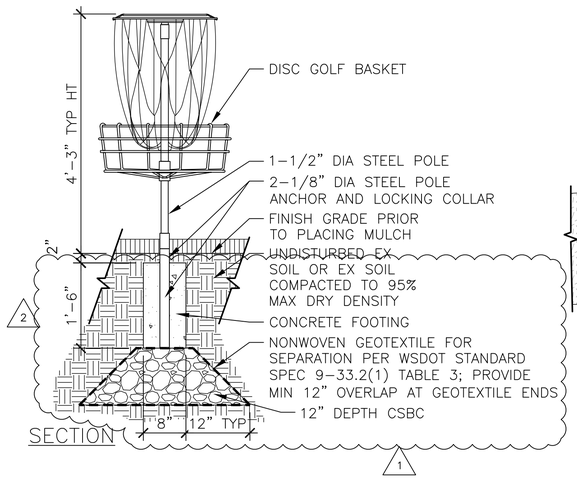
STATE OF WASHINGTON MERIT OVIR 01/15/2025 NO. 1396 EXP. 01/2025 LICENSED LANDSCAPE ARCHITECT

GREG CUOIO PARK
PHASE 1A IMPROVEMENTS
HARDSCAPE & SITE FURNISHING DETAILS

REVISION BLOCK

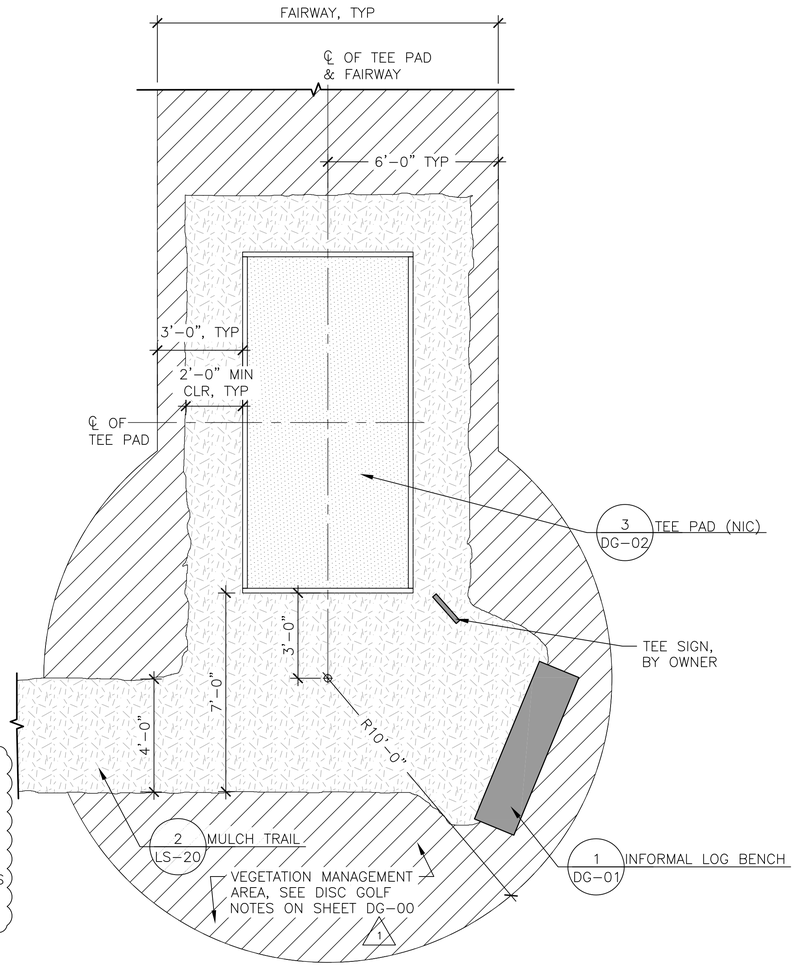
NO.	DATE	DESCRIPTION
1	01/10/2025	BID ADDENDUM #1
2	01/16/2025	BID ADDENDUM #2

DWG NO.
LS-21
OF



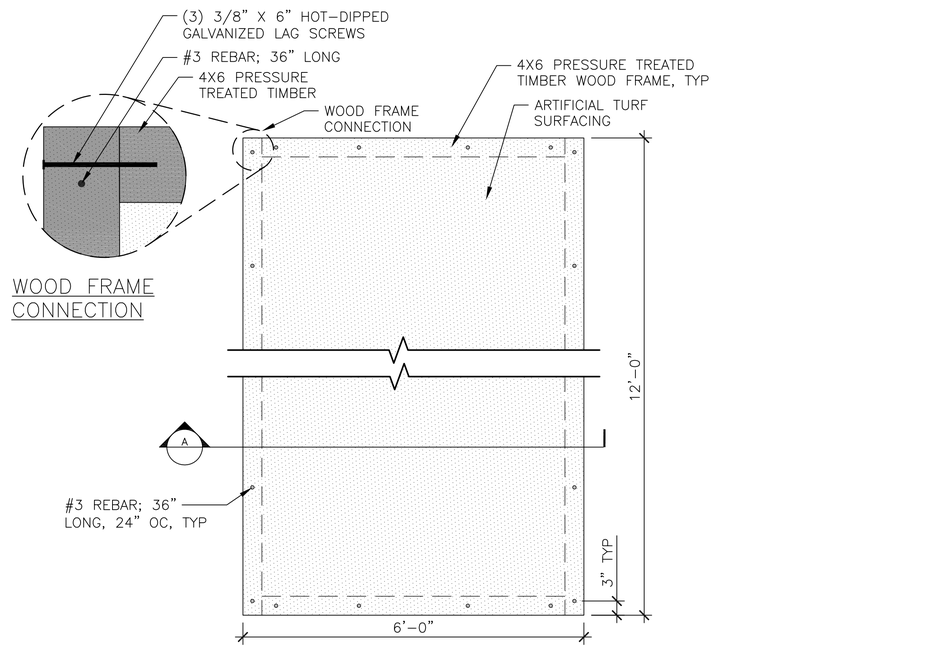
1 DISC GOLF BASKET (NIC)

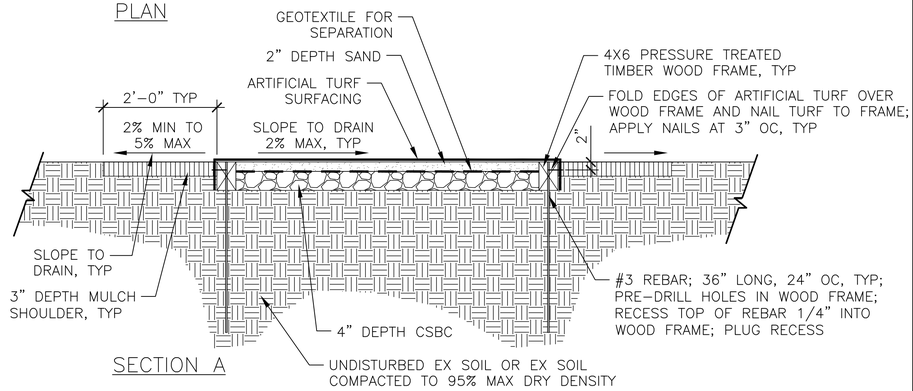
NOT TO SCALE



2 DISC GOLF TEE PAD PLAN ENLARGEMENT

NOT TO SCALE





3 TEE PAD (NIC)

NOT TO SCALE

BID ADDENDUM #2

CITY OF LACEY, WASHINGTON
DEPARTMENT OF PUBLIC WORKS
420 COLLEGE STREET S.E.
LACEY, WA 98503 (360) 491-5600

LACEY

DATE: 11/20/2024
DRAFTED: ES
CHECKED: DWK
SCALE: NTS
2711 CARPENTER ROAD NE
OLYMPIA, WA 98516
FILE: L-DISC-GOLF-PLOT

HBB
LANDSCAPE ARCHITECTURE
2101 4TH AVENUE, SUITE 1800 206.682.3051 phone
SEATTLE, WA 98121 206.682.3245 fax

STATE OF WASHINGTON · MERIT OVIIR · NO. 1096 EXP. 01/2025 · LICENSED LANDSCAPE ARCHITECT
01/15/2025

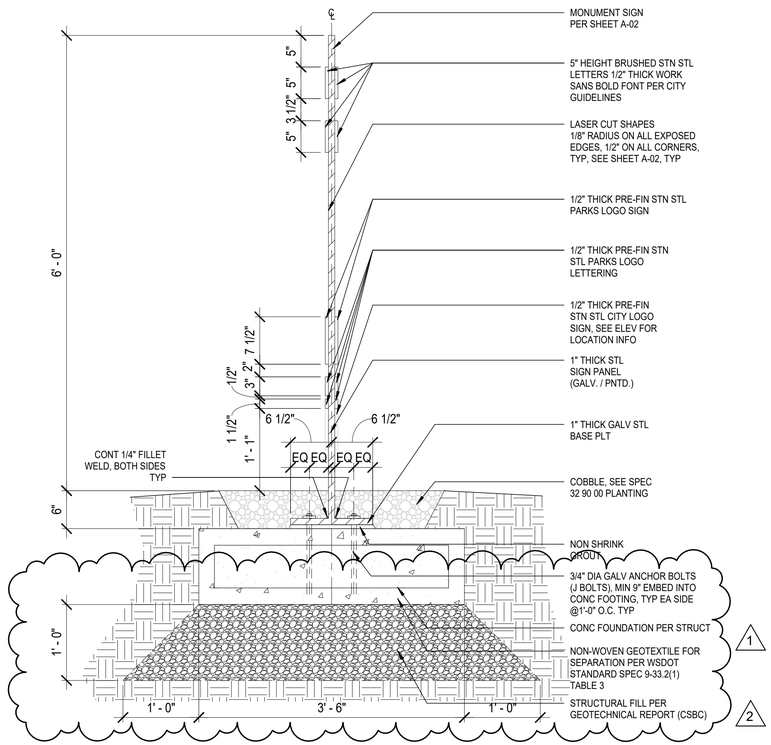
GREG CUOIO PARK
PHASE 1A IMPROVEMENTS

DISC GOLF DETAILS

REVISION BLOCK

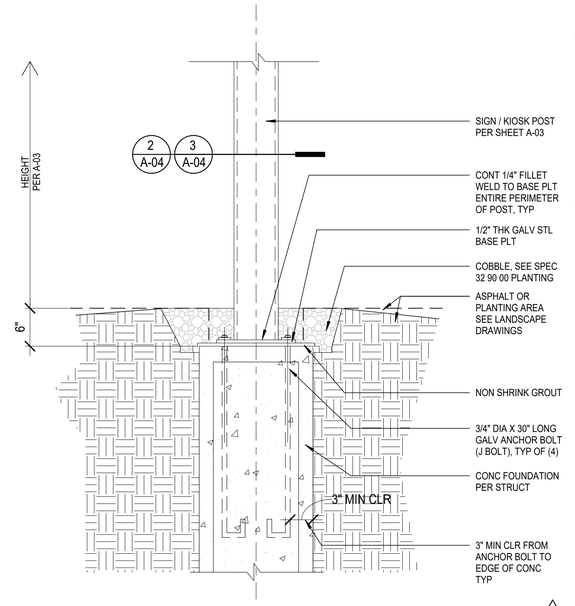
NO.	DATE	DESCRIPTION
1	01/10/2025	BID ADDENDUM #1
2	01/16/2025	BID ADDENDUM #2

DWG NO.
DG-02
OF



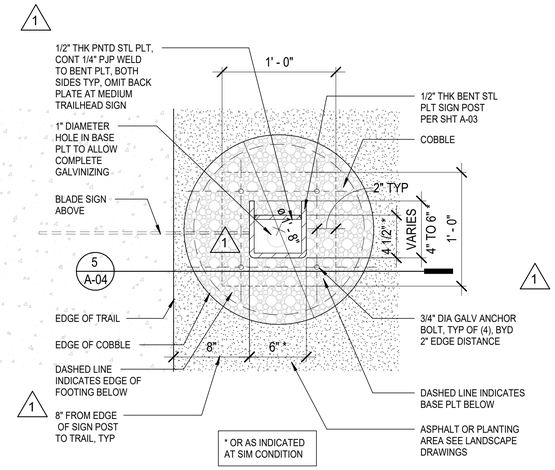
8 A-04 MONUMENT SIGN TYP FOOTING

SCALE: 1" = 1'-0"



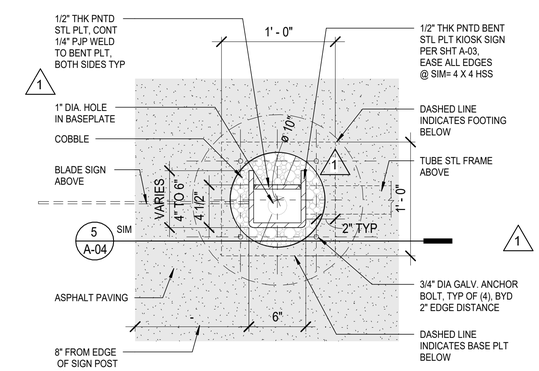
5 A-04 MEDIUM & LARGE TRAILHEAD SIGN TYP FOOTING

SCALE: 1" = 1'-0"



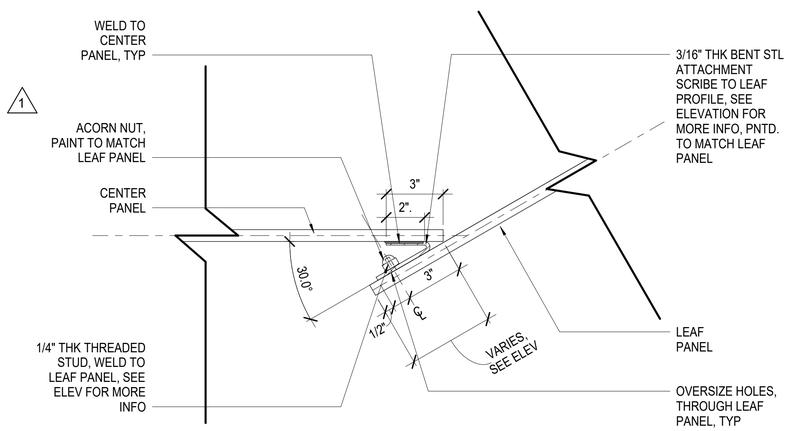
3 A-04 MEDIUM & LARGE TRAILHEAD SIGN POST

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



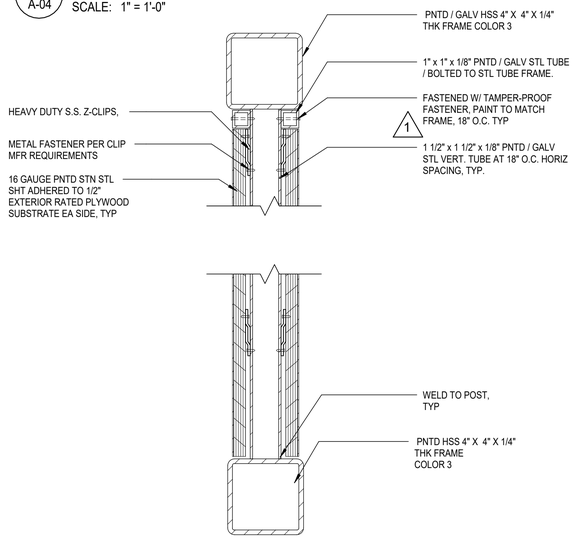
2 A-04 KIOSK POST

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



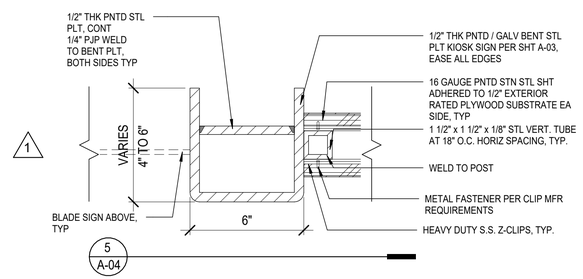
6 A-04 MONUMENT SIGN LEAF PANEL ATTACHMENT

SCALE: 3" = 1'-0"



4 A-04 KIOSK INTERPRETIVE SIGN SECTION DETAIL

SCALE: 3" = 1'-0"



1 A-04 KIOSK POST SECTION

SCALE: 3" = 1'-0"

TYPICAL SIGNAGE NOTES (APPLY TO ALL MONUMENT & WAYFINDING SIGNS):

1. SET SIGN AND CONCRETE BASE TRUE, LEVEL, AND PLUMB.
2. PROVIDE SHOP DRAWINGS,SIGN TEMPLATE TO SCALE FOR APPROVAL, AND OTHER SUBMITTALS AS REQUIRED BY THE SPECIFICATION.
3. ALL HARDWARE GALVANIZED.
4. ALL STEEL SHALL BE GALVANIZED PRIOR TO PAINTING / COATING.
5. DESIGNER WILL PROVIDE VECTOR BASED DRAWINGS OF ARTWORK FOR FABRICATION.
6. REFER TO PROJECT SPECIFICATIONS FOR MORE INFORMATION.
7. FOR CITY OF LACEY SEAL AND LACEY PARKS SEAL REFER TO CITY AND AGENCY GUIDELINES FOR COLORS / DESIGN, TYP.
8. REROLL FLAT PLATE SIGNAGE AFTER GALVANIZING, PRIOR TO PAINTING, TYP.
9. FOR STEEL SIGNAGE PROVIDE 1/8" RADIUS ON ALL EXPOSED EDGES, 1/2" RADIUS ON ALL CORNERS, TYP.
10. ALL LETTERING AND OTHER ATTACHMENTS PAINTED STAINLESS STEEL PIN MOUNTED W/ SURFACE ADHESIVE.

MONUMENT & WAYFINDING SIGN COLOR LEGEND:

COLOR 1 = WHITE (HEX FFFAFA)
COLOR 2 = OCHRE (HEX D37210)
COLOR 3 = GREY (HEX B3B8BC)

BID ADDENDUM #2

CITY OF LACEY, WASHINGTON
DEPARTMENT OF PUBLIC WORKS
420 COLLEGE STREET S.E.
LACEY, WA 98503 (360) 491-5600

LACEY

DATE: 11/20/2024
DRAFTED: DL
CHECKED: DL
SCALE: AS SHOWN

2720 CARPENTER RD NE
OLYMPIA, WA 96516

FILE:

ehdd.
WWW.EHDD.COM +1 206 734 3870

8425 REGISTERED ARCHITECT
CHRISTOPHER K. PATANO
STATE OF WASHINGTON

GREG CUOIO PARK
PHASE 1A IMPROVEMENTS

SIGNAGE DETAILS

REVISION BLOCK			DWG. NO.
NO.	DATE	DESCRIPTION	
1	01/10/2025	BID ADDENDUM #1	A-04
2	01/16/2025	BID ADDENDUM #2	
			OF

GENERAL

ALL TYPICAL DETAILS AND NOTES SHOWN ON DRAWINGS SHALL APPLY UNLESS NOTED OTHERWISE. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED ON THE PLANS BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE TYPICAL DETAILS ARE NOTED ON THE DRAWINGS, THE SPECIFIED TYPICAL DETAIL SHALL BE USED. WHERE NO DETAIL IS NOTED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE APPROPRIATE TYPICAL DETAIL FROM THOSE PROVIDED. THE CONTRACTOR SHALL SUBMIT ALL PROPOSED ALTERNATE TYPICAL DETAILS TO THOSE PROVIDED WITH RELATED CALCULATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO SHOP DRAWING PRODUCTION AND FIELD USE.

BUILDING CODE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE BUILDING CODE. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS AND ARE REFERENCED BY THEIR BASIC DESIGNATION. IN THE CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

APPLICABLE CODES AND STANDARDS

IBC INTERNATIONAL BUILDING CODE 2021
ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" (ASCE 7), 2016 EDITION
ACI AMERICAN CONCRETE INSTITUTE, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI318, 2019 EDITION)
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM INTERNATIONAL)
ICC INTERNATIONAL CODE COUNCIL, INTERNATIONAL CODE COUNCIL – EVALUATION SERVICES (ICC–ES)

STRUCTURAL DESIGN DATA

WIND LOAD: WIND PRESSURE SHALL BE IN ACCORDANCE WITH ASCE 7–16 (CHAPTER 26–31)
BASIC WIND SPEED (3–SECOND GUST): V = 91 MPH
EXPOSURE B
ENCLOSURE CLASSIFICATION: OPEN
INTERNAL PRESSURE COEFFIECIENT: GCPI = 0.0 (OPEN)

SEISMIC LOADS: SEISMIC LOADING SHALL BE IN ACCORDANCE WITH ASCE 7–16.
RISK CATEGORY: I
IMPORTANCE FACTOR: IE = 1.0
MAPPED SPECTRAL ACCELERATION PARAMETERS: SS = 1.399G, S1 = 0.509G
SITE CLASS: E
SEISMIC DESIGN CATEGORY: D (2018 IBC SECTION 1613 OR ASCE 7–16)

CONCRETE

MIXING, BATCHING, TRANSPORTING, PLACING, AND CURING OF ALL CONCRETE, AND SELECTION OF CONCRETE MATERIALS, SHALL CONFORM TO ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS," EXCEPT AS NOTED BELOW. PROPORTIONS OF AGGREGATE TO CEMENTITIOUS PASTE SHALL BE SUCH AS TO PRODUCE A DENSE, WORKABLE MIX THAT CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER.

MIX DESIGNS LISTED BELOW SHALL BE SUBMITTED TO THE ARCHITECT AND APPROVED PRIOR TO USE. SELECTION OF CONCRETE MIX PROPORTIONS SHALL BE IN ACCORDANCE WITH ACI 301. MIX PROPORTIONS SHALL MEET OR EXCEED THE REQUIREMENTS LISTED BELOW FOR THE LOCATIONS NOTED. THE MORE STRINGENT OF THE REQUIREMENTS LISTED SHALL GOVERN.

MAXIMUM SIZE OF AGGREGATE SHALL BE AS LISTED BELOW. MAXIMUM FLY ASH AS A PERCENTAGE OF TOTAL WEIGHT OF CEMENTITIOUS MATERIAL SHALL BE 30 PERCENT. FLY ASH SHALL BE CLASS F, MEETING ASTM C618 REQUIREMENTS. WATER/CEMENT RATIO SHALL BE BASED ON TOTAL CEMENTITIOUS MATERIAL, INCLUDING FLY ASH AND OTHER POZZOLANIC MATERIALS.

THE CONTRACTOR SHALL DETERMINE SLUMP. EACH CONCRETE MIX SUBMITTED SHALL HAVE THE SLUMP SPECIFIED. SLUMP SHALL BE MEASURED AT THE DISCHARGE OF THE TRUCK. IF CONCRETE IS PUMPED, SLUMP SHALL BE MEASURED AT THE DISCHARGE END OF THE PUMP LINE. SLUMPS SHALL BE WITHIN +1INCH AND –2 INCHES OF THE SPECIFIED SLUMP.
THE USE OF SUPER PLASTICIZERS AND WATER REDUCERS IS ALLOWED, BUTNOT REQUIRED. ALL ADMIXTURES SHALL BE CHLORIDE FREE UNLESS OTHERWISE APPROVED BY THE ENGINEER.

CONCRETE MIX CRITERIA

LOCATION	f'c (PSI)	TEST (DAYS)	MAX WATER CEMENT RATIO	MAX AGGREGATE SIZE	EXPOSURE CLASS
DRILLED SHAFT	4,500	28	0.45	1"	F2, S0, W1, C1
FOOTING	4,500	28	0.45	1"	F2, S0, W1, C1

REINFORCING STEEL

ALL REINFORCING SHALL BE NEW BILLET STOCK ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE. BARS SHALL BE SECURELY TIED IN PLACE WITH #16 DOUBLE–ANNEALED IRON WIRE. BARS SHALL BE SUPPORTED ON ACCEPTABLE CHAIRS. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING OF REINFORCED CONCRETE STRUCTURES." CONTRACTOR SHALL COORDINATE REINFORCING STEEL PLACEMENT DETAILS AND PROVIDE TEMPLATES FOR PLACING STEEL IN CONGESTED AREAS AS NECESSARY. SHOP DRAWINGS (INCLUDING PLACING PLANS AND ELEVATIONS) SHALL BE SUBMITTED TO, AND REVIEWED BY, THE ARCHITECT/ENGINEER BEFORE STARTING FABRICATION.

NO REINFORCING BARS SHALL BE SPLICED BY WELDING. AT THE CONTRACTOR'S OPTION, MECHANICAL BUTT SPLICING USING AN EXOTHERMIC WELDING PROCESS AND HIGH–STRENGTH SLEEVES OR MECHANICAL CONNECTION SPLICING MAY BE USED, PROVIDED THAT THE MECHANICAL SPLICES SHALL HAVE A CURRENT ICC–ES REPORT DEMONSTRATING THAT THE PRODUCT CAN ACHIEVE A MINIMUM TENSILE STRENGTH OF 125 PERCENT OF THE SPECIFIED YIELD STRENGTH OF THE BAR.

IF THE MECHANICAL SPLICE STRENGTH IS INCREASED TO DEVELOP 100 PERCENT OF THE SPECIFIED TENSILE STRENGTH OF THE SPLICED BAR. SPLICE DEVICES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. REINFORCING BARS SHALL BE LAP SPLICED FOR TENSION (LSB) UNLESS NOTED OTHERWISE ON THE DRAWINGS. #14 AND #18 BARS SHALL NOT BE LAP SPLICED.

WELDING OR TACK WELDING OF REINFORCING BARS TO OTHER BARS OR TO PLATES, ANGLES, ETC., IS PROHIBITED, EXCEPT WHERE SPECIFICALLY APPROVED BY THE ENGINEER. WHERE WELDING IS APPROVED, IT SHALL BE DONE BY AWS/WABO (WASHINGTON ASSOCIATION OF BUILDING OFFICIALS) CERTIFIED WELDERS USING E9018 OR APPROVED ELECTRODES. WELDING PROCEDURES SHALL CONFORM TO THE REQUIREMENTSOF AWS D1.4.

MINIMUM CAST–IN–PLACE CONCRETE COVER OVER REINFORCING STEEL, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS:

A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES
B. CONCRETE EXPOSED TO EARTH OR WEATHER: 1 1/2 INCHES FOR #5 BAR OR SMALLER, 2 INCHES FOR #6 BAR OR LARGER
C. OTHER CONCRETE:
SLABS AND JOISTS: #14 AND #18 BARS –1 1/2", #11 BARS AND SMALLER –1"

CONSTRUCTION JOINTS

ALL CONSTRUCTION JOINTS SHALL BE KEYED IN ACCORDANCE WITH THE TYPICAL CONSTRUCTION JOINT DETAILS SHOWN ON THE STRUCTURAL DRAWINGS OR, AT THE CONTRACTOR'S OPTION, SHALL BE INTENTIONALLY ROUGHENED IN ACCORDANCE WITH THE FOLLOWING: THE SURFACE OF ROUGHENED JOINTS SHALL BE SAND BLASTED OR ROUGHENED WITH A CHIPPING HAMMER TO EXPOSE THE AGGREGATE EMBEDDED IN THE PREVIOUS POUR. THE EXPOSED AGGREGATE SHALL PROTRUDE A MINIMUM OF 1/4 INCH. ALL SURFACES OF CONSTRUCTION JOINTS SHALL BE CLEANED AND LAITANCE REMOVED. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, ALL CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER REMOVED. ALL CONSTRUCTION JOINTS IN SLAB ON GRADE SHALL BE OFFSET A DISTANCE EQUAL TO TWICE THE WIDTH OF THE BEAM.

ALL CONSTRUCTION JOINTS FOR SLABS ON DECK SHALL BE IN ACCORDANCE WITH THE TYPICAL SLAB ON DECK CONSTRUCTION JOINT DETAIL SHOWN ON THE STRUCTURAL DRAWINGS. BEAMS, GIRDERS, AND SLABS HAVE BEEN DESIGNED ASSUMING THE CONSTRUCTION JOINTS TO BE LOCATED IN THE MIDDLE THIRD OF THE BEAM, GIRDER, OR SLAB SPAN. ALL CONSTRUCTION, CONTROL, AND ISOLATION JOINTS FOR SLABS ON GRADE SHALL BE IN ACCORDANCE WITH THE TYPICAL SLAB ON GRADE DETAILS. THE CONTRACTOR SHALL SUBMIT THE PROPOSED LOCATIONS OF CONSTRUCTION JOINTS TO THE ENGINEER FOR ACCEPTANCE BEFORE STARTING CONSTRUCTION.

SHOP DRAWINGS

SHOP DRAWINGS FOR REINFORCING STEEL AND STRUCTURAL STEEL SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.

DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, THEREFORE THEY SHALL BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. CONTRACTOR SHALL REVIEW DRAWINGS FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS OF CONSTRUCTION, AND ALL SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. SUBMITTALS SHALL INCLUDE ONE REPRODUCIBLE AND ONE COPY; REPRODUCIBLE WILL BE MARKED AND RETURNED. SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS.

THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED, AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWINGS SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

SHOP DRAWINGS FOR DEFERRED SUBMITTALS THAT ARE DEFINED AS DESIGN–BUILD COMPONENTS IN THE CONSTRUCTION DOCUMENTS SHALL INCLUDE THE DESIGNING PROFESSIONAL ENGINEER'S STAMP IN THE STATE WHERE THE PROJECT IS LOCATED AND SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO CURSORY REVIEW BY THE ENGINEER OF RECORD FOR LOADS IMPOSED ON THE BASIC STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. DESIGN CALCULATIONS SHALL BE INCLUDED IN THE SUBMITTAL.

FOUNDATIONS

DESIGN SOIL BEARING CAPACITY = 500 PSF. ALL FOOTINGS SHALL BE LOWERED TO FIRM BEARING IF SUITABLE SOIL IS NOT FOUND AT ELEVATIONS DETERMINED BY TOP OF FOOTING ELEVATION AND FOOTING DEPTH. REFER TO GEOTECHNICAL REPORT FOR GREG CUOIO PARK PHASE 1A, DATED DECEMBER 11, 2024 BY QUALITY GEO NW, PLLC.

STRUCTURAL FILL

ALL FILL PLACED TO SUPPORT SLABS ON GRADE, BEHIND PERMANENT WALLS, AND AROUND ALL DRAINS SHALL CONSIST OF WELL GRADED, GRANULAR MATERIAL PER THE SPECIFICATIONS. SOILS FOR STRUCTURAL FILL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER. STRUCTURAL FILL SHALL BE PLACED ON SOUND NATIVE MATERIAL. PROOF–ROLL CUT AREAS WHICH PROVIDE SUPPORT FOR PERMANENT STRUCTURES. AREAS WHICH ARE EXCESSIVELY YIELDING, AS DETERMINED BY THE CONTINUOUS OBSERVATION OF THE GEOTECHNICAL ENGINEER, SHALL BE OVER–EXCAVATED AND REPLACED WITH STRUCTURAL WELDS. STRUCTURAL FILL SHALL BE PLACED PER THE SPECIFICATION

BUILDING TOLERANCES

STANDARD TOLERANCES SHALL BE BASED ON THE REQUIREMENTS OF THE AISC CODE OF STANDARD PRACTICE, AISC 303, AND ACI 117, STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS.

SEQUENCING CONSTRUCTION AND LATERAL STABILITY

THE STRUCTURAL COMPONENTS BY THEMSELVES ARE A NON–SELF–SUPPORTING STRUCTURE.
CERTAIN ELEMENTS SHOWN ON THE STRUCTURAL DRAWINGS (SUCH AS BRACING, ROOF AND FLOOR SLABS, AND CONCRETE IN COMPOSITE COLUMNS) ARE REQUIRED FOR OVERALL OR LOCAL STABILITY OF OTHER ELEMENTS (SUCH AS BEAMS, COLUMNS, AND WALLS). IF, DUE TO SEQUENCING OF CONSTRUCTION, THESE STABILITY ELEMENTS ARE NOT IN PLACE, THE CONTRACTOR SHALL RETAIN A LICENSED STRUCTURAL ENGINEER WHO SHALL INVESTIGATE WHERE TEMPORARY SHORING/BRACING IS REQUIRED AND SHALL DESIGN THIS TEMPORARY SHORING/BRACING. THE CONTRACTOR SHALL PROVIDE THIS SHORING/BRACING UNTIL THE REQUIRED STRUCTURAL ELEMENTS AND THEIR CONNECTIONS HAVE BEEN INSTALLED AND REACH THEIR
FINAL DESIGN STRENGTHS.

MISCELLANEOUS

REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL, ELEVATOR, OR OTHER SPECIALTY ENGINEERING DRAWINGS FOR DIMENSIONS NOT SHOWN, INCLUDING BUT NOT LIMITED TO: SIZE AND LOCATION OF CURBS, EQUIPMENT HOUSEKEEPING PADS, BLOCKOUTS, SUMPS, DRAINS, ANCHOR BOLTS, EMBEDDED ITEMS, ARCHITECTURAL TREATMENT, ETC. CONTRACTOR SHALL VERIFY DIMENSIONS AND RESOLVE DISCREPANCIES OR CONFLICTS PRIOR TO CONSTRUCTION. WHERE SECTIONS ARE INDICATED ON THE PLAN BY A NUMBER AND A DRAWING NUMBER THUS, 1/S5.01, THE INDICATED SECTION (1) IS SHOWN ON STRUCTURAL DRAWING S5.01.

BID ADDENDUM #2

CITY OF LACEY, WASHINGTON
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420 COLLEGE STREET S.E.
LACEY, WA 98503 (360) 491–5600

DATE: 01/10/2025
DRAFTED: AR
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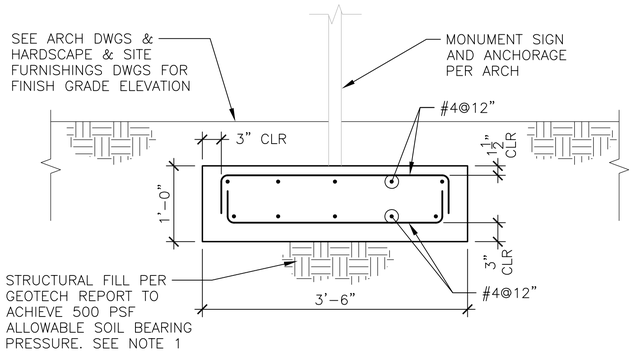
1/15/2025

GREG CUOIO PARK
PHASE 1A IMPROVEMENTS
GENERAL NOTES

REVISION BLOCK

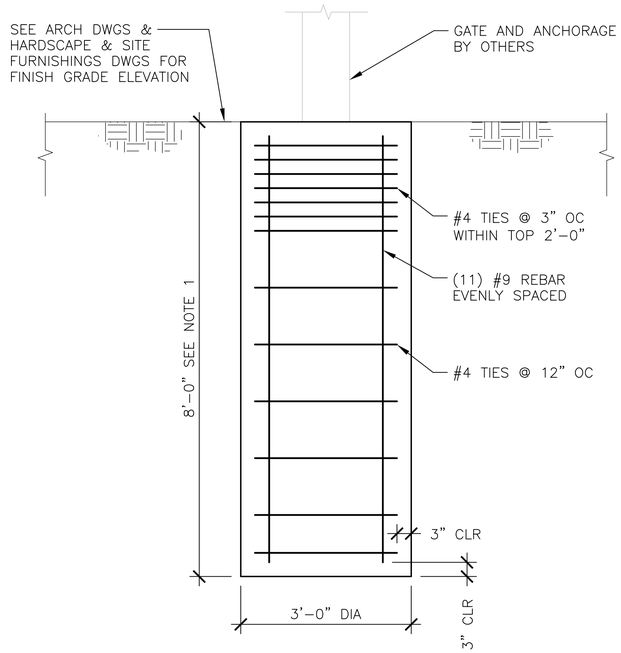
NO.	DATE	DESCRIPTION
1	01/10/25	BID ADDENDUM #1
2	01/16/25	BID ADDENDUM #2

DWG NO.
S–00
OF



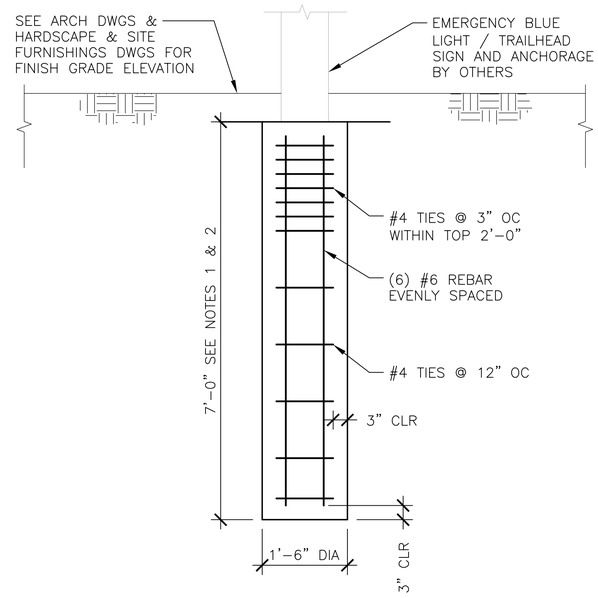
1 MONUMENT SIGN FOOTING DETAIL

NOT TO SCALE



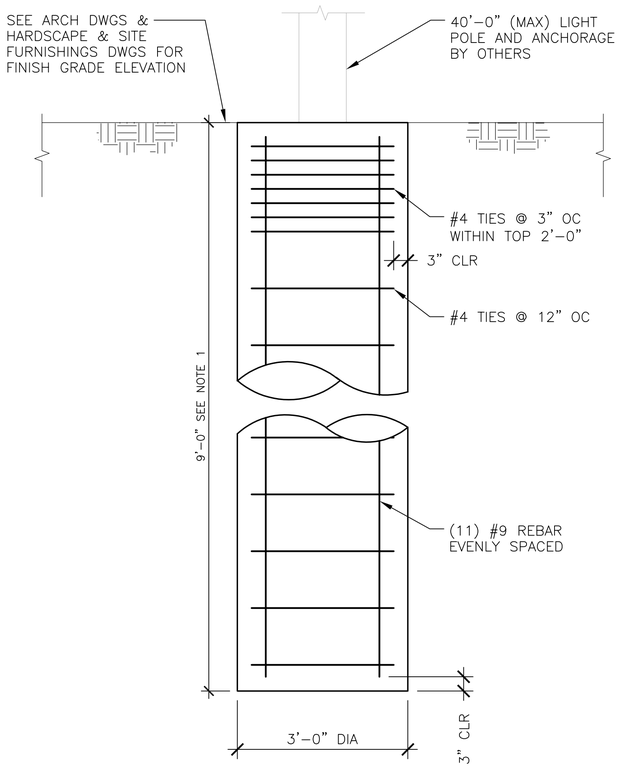
2 ENTRANCE GATE FOUNDATION DETAIL

NOT TO SCALE



3 EMERGENCY BLUE LIGHT TOWER AND TRAILHEAD SIGN FOOTING DETAIL

NOT TO SCALE



4 LIGHT POLE FOUNDATION DETAIL

NOT TO SCALE

NOTES:
1. GEOTECHNICAL ENGINEER TO VERIFY DURING CONSTRUCTION.
2. PIER EMBEDMENT MAY BE REDUCED TO 4'-0" FOR TRAILHEAD SIGNS THAT ARE 4'-0" OR LESS ABOVE GRADE.

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GREG CUOIO PARK
PHASE 1A IMPROVEMENTS

FOOTING DETAILS

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S-01
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