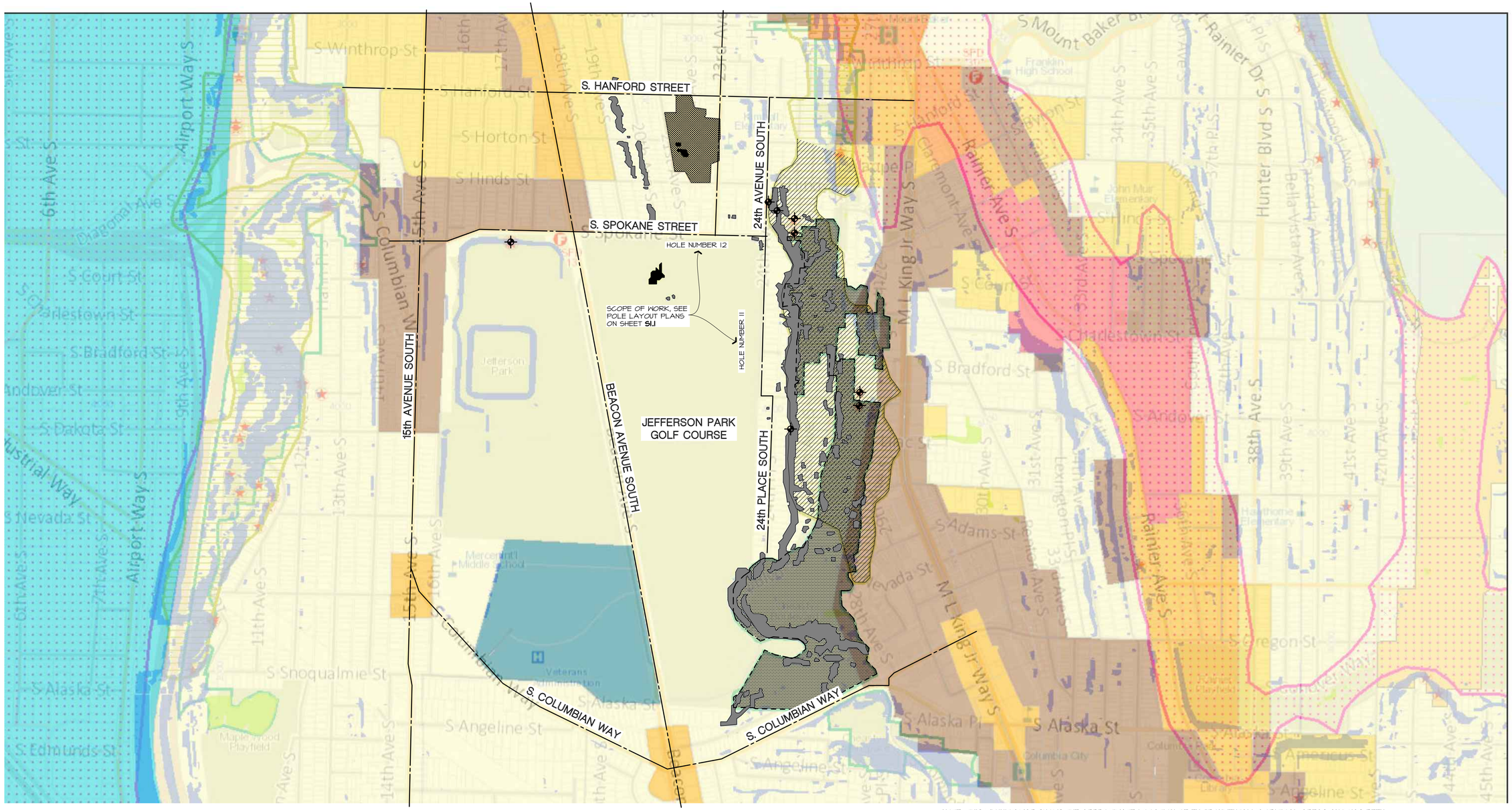

DESIGNATION OF ENVIRONMENTALLY CRITICAL AREAS

- ENVIRONMENTALLY CRITICAL AREA 1 - STEEP SLOP (40% AVERAGE)
- ENVIRONMENTALLY CRITICAL AREA 2 - POTENTIAL SLIDE AREA
- ENVIRONMENTALLY CRITICAL AREA 4 - WETLAND
- ENVIRONMENTALLY CRITICAL AREA 8 - KNOWN SLIDE (INITIAL POINT)
- ENVIRONMENTALLY CRITICAL AREA 9 -WILDLIFE HABITAT
- ENVIRONMENTALLY CRITICAL AREA 11 - PEAT SETTLEMENT PRONE AREAS

NOTE: THIS VICINITY MAP SHOWS THE APPROXIMATE LOCATION OF ENVIRONMENTALLY CRITICAL AREAS AND HAS BEEN GENERATED BASED ON THE INFORMATION FOUND ON THE ONLINE MAP TOOL, "SEATTLE DEPARTMENT OF CONSTRUCTION & INSPECTION GIS", FROM THE CITY OF SEATTLE. THE PURPOSE OF THIS MAP IS TO HELP IDENTIFY ONLY THE ENVIRONMENTALLY CRITICAL AREAS IN THE VICINITY OF THE PROJECT LOCATION. FOR COORDINATION OF ALL ENVIRONMENTALLY CRITICAL AREAS PLEASE REFERENCE THE CITY OF SEATTLE ONLINE MAPPING TOOL. ENGEL AND COMPANY TAKES NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION DEPICTED ON THIS MAP. IT IS OUR RECOMMENDATION THAT DETAILED PROPERTY INFORMATION SUCH AS TOPOGRAPHIC SURVEY, WETLAND REPORTS AND A WILDLIFE STUDY BE OBTAINED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

N.T.S.

N

VICINITY MAP

PROPERTY OWNER:

SEATTLE PARKS AND RECREATION
ADDRESS: 300 ELLIOTT AVENUE W., SUITE 100, SEATTLE, WA 98119

PROPERTY INFORMATION:

TAX PARCEL NUMBER: 162404-9080

LEGAL DESCRIPTION: POR OF NW 1/4 STR 16-24-4 LY SLY OF S SPOKANE ST LESS POR FOR BEACON AVE S TGW POR OF SW 1/4 SD STR 16-24-4 LY N OF N LN OF GL 5 & GL 5 EXTENDED E TO W MGN OF BEACON AVE S & LY ELY OF BEACON AVE S LESS PORS FOR BEACON AVE S & FOR CHEASTY BLVD LESS POR LY WLY OF SD AVE & N OF PT 429.5 FT S OF SW1/4 COR&PLT S MGN SD ST PER ORD #65498 TGW POR OF SE 1/4 SD STR 16-24-4 DAF BAAP ON W LN OF SD SUBD SD PT BEING DIST 1972.02 FT S FR NW COR THOF TH S ALG SD W LN A DIST OF 170.45 FT TH NELY & NLY & NWLY ALG ARC OF CRV TO LFT HAVING A RAD OF 105.00 FT AN ARC DIST OF 198.87 FT TO POB PER ORDS #29997 & 29951

JudgeNetting MOUNTAIN WEST
2904 S. 2000 W.
Syracuse, UT 84075
Ph: (801) 388-4178

coastal Netting • Steel Pole • Company
2933 Sixteenth Street
Bakersfield, California
(661) 631-1582

DATE	ISSUED FOR

ENGEL & COMPANY
Engineers
4009 UNION AVENUE
BAKERSFIELD, CA 93305
www.engelengineers.com (661) 327-7025

DRAWN: RAG
DATE: 9/10/2024
CHECKED: JCE
APPROVED: .

Vicinity Map
Golf Ball Netting Barrier
Jefferson Park Golf Course
4101 Beacon Avenue South
Seattle, WA 98108

SHEET NO. T1.0
. OF .

24762

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STATEMENT OF SPECIAL INSPECTIONS

Testing Agency:		Date:	12-Dec-23
Project Name:	Jefferson Park Golf Course	Owner:	
Project Description:	Golf Ball Netting Barrier		
Project Location:	4101 Beacon Avenue South	City:	Seattle, WA 98108
R.D.P. of Record:	Joseph C. Engel	Engel & Co. Job No.:	24762
Soils Report by:	Pangeo Incorporated	File No.: 19-328	Date: April 1, 2021

The special inspector shall refer to the approved construction drawings, IBC 2018 Chapter 17 and the documents referenced therein to verify the following selected items:

Frequency of inspection; check all applicable conditions

Continuous	Periodic		REMARKS
		CONCRETE CONSTRUCTION (SEE IBC 2018 TABLE 1705.3)	
	☐	1. Inspect reinforcement, including prestressing tendons, and verify placement.	
		2. Reinforcing bar welding:	
	☐	a. Verify weldability of reinforcing bars other than ASTM A706;	
	☐	b. Inspect single-pass fillet welds, maximum 5/16";	
☐		c. Inspect all other welds.	
	☐	3. Inspect anchors cast in concrete.	
		4. Inspect anchors post-installed in hardened concrete members.	
☐		a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads.	
	☐	b. Mechanical anchors and adhesive anchors not defined in 4.a.	
	■	5. Verify use of required design mix.	
■		6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	
■		7. Inspect concrete and shotcrete placement for proper application techniques.	
	☐	8. Verify maintenance of specified curing temperature and techniques.	
		9. Inspect prestressed concrete for:	
☐		a. Application of prestressing forces;	
☐		b. Grouting of bonded prestressing tendons.	
	☐	10. Inspect erection of precast concrete members.	
	☐	11. Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.	
	■	12. Inspect formwork for shape, location and dimensions of the concrete member being formed.	
		SOILS INSPECTIONS (SEE IBC 2018 TABLE 1705.6)	
	☐	1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	
	■	2. Verify excavations are extended to proper depth and have reached proper material.	
	■	3. Perform classification and testing of compacted fill materials.	
■		4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	
	■	5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	
		CAST-IN-PLACE DEEP FOUNDATIONS (SEE IBC 2018 TABLE 1705.8)	
■		1. Inspect drilling operations and maintain complete and accurate records for each element.	
■		2. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata capacity. Record concrete or grout volumes.	
☐	■	3. For concrete elements, perform tests and additional special inspections in accordance with Section 1705.3.	
		MISCELLANEOUS ITEMS	
■	■	Site Dewatering and Other Requirements Found in Soils Report	
☐	☐		

SPECIAL INSPECTION NOTES:

Copies of all necessary test and inspection records shall be filed with building official overseeing the project, as well as the registered design professional in responsible charge of the project, the engineer in charge of structural design and the soils engineer.

All test specimens shall be consistent with the materials, workmanship and details to be used throughout this project.

The contractor responsible for overseeing the construction of the main lateral force resisting systems on this project shall submit a written statement of responsibility to the building official and the owner prior to the commencement of work on that particular system that shall contain the following (per IBC 2018 1704.4):

1 *Acknowledgment of awareness of the special requirements contained in the statement of special inspections*
2 *Acknowledgment that control will be exercised to obtain conformance with the construction documents approved by the building official*
3 *Procedures for exercising control within the contractor's organization, the method and frequency of reporting and the distribution of reports*
4 *Identification and qualifications of the person(s) exercising such control and their position(s) in the organization.*

It shall be the responsibility of the contractor to read and understand the above inspection requirements and to coordinate the testing schedule with the appropriate testing agency.

STATEMENT OF SPECIAL INSPECTIONS (cont'd)

INSPECTION OF WELDING:

AISC 360: TABLE N5.4-1 **Inspection Tasks Prior to Welding**	QC	QA
Welding procedure specifications (WPSs) available	P	P
Manufacturer certifications for welding consumables available	P	P
Material identification (type/grade)	O	O
Welder identification system[1]	O	O
Fit-up of groove welds (including joint geometry) • Joint preparation • Dimensions (alignment, root opening, root face, bevel) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location) • Backing type and fit (if applicable)	O	O
Configuration and finish of access holes	O	O
Fit-up of fillet welds • Dimensions (alignment, gaps at root) • Cleanliness (condition of steel surfaces) • Tacking (tack weld quality and location)	O	O
Check welding equipment	O	-

[1] The fabricator or erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type.

AISC 360: TABLE N5.4-2 **Inspection Tasks During Welding**	QC	QA
Use of qualified welders	O	O
Control and handling of welding consumables • Packaging • Exposure control	O	O
No welding over cracked tack welds	O	O
Environmental conditions • Wind speed within limits • Precipitation and temperature	O	O
WPS followed • Settings on welding equipment • Travel speed • Selected welding materials • Shielding gas type/flow rate • Preheat applied • Interpass temperature maintained (min./max.) • Proper position (F, V, H, OH)	O	O
Welding techniques • Interpass and final cleaning • Each pass within profile limitations • Each pass meets quality requirements	O	O

AISC 360: TABLE N5.4-3 **Inspection Tasks After Welding**	QC	QA
Welds cleaned	O	O
Size, length and location of welds	P	P
Welds meet visual acceptance criteria • Crack prohibition • Weld/base-metal fusion • Crater cross section • Weld profiles • Weld size • Undercut • Porosity	P	P
Arc strikes	P	P
k-area[1]	P	P
Backing removed and weld tabs removed (if required)	P	P
Repair activities	P	P
Document acceptance or rejection of welded joint or member	P	P

[1] When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 in. (75 mm) of the weld.

Quality control *QC inspection tasks shall be performed by the fabricator's or erector's quality control inspector (QCI), as applicable, in accordance with Sections N5.4, N5.6 and N5.7. Tasks in Tables N5.4-1 through N5.4-3 and Tables N5.6-1 through N5.6-3 listed for QC are those inspections performed by the QCI to ensure that the work is performed in accordance with the construction documents. For QC inspection, the applicable construction documents are the shop drawings and the erection drawings, and the applicable referenced specifications, codes and standards.*

Quality assurance *(QA) inspection of fabricated items shall be made at the fabricator's plant. The quality assurance inspector (QAI) shall schedule this work to minimize interruption to the work of the fabricator. QA inspection of the erected steel system shall be made at the project site. The QAI shall schedule this work to minimize interruption to the work of the erector. The QAI shall review the material test reports and certifications as listed in Section N3.2 for compliance with the construction documents. QA inspection tasks shall be performed by the QAI, in accordance with Sections N5.4, N5.6 and N5.7. Tasks in Tables N5.4-1 through N5.4-3 and N5.6-1 through N5.6-3 listed for QA are those inspections performed by the QAI to ensure that the work is performed in accordance with the construction documents.*

O *– Observe these items on a random basis. Operations need not be delayed pending these inspections.*
P *– Perform these tasks for each welded joint or member.*

GENERAL NOTES

2018 INTERNATIONAL BUILDING CODE GOVERNS DESIGN AND CONSTRUCTION.
THESE GENERAL NOTES SHALL APPLY TO ALL SHEETS IN THIS SET OF PLANS.

SAFETY REGULATIONS – ADMIN. CODE, GENERAL SAFETY ORDERS ("OSHA") IS APPLICABLE TO THE CONSTRUCTION OF THIS PROJECT AND PROVISIONS THEREOF MUST BE FOLLOWED. ENGEL & COMPANY ENGINEERS IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, NOR FOR SAFETY ON THE JOBSITE. THESE RESPONSIBILITIES ARE INTENDED TO BE AND TO REMAIN SOLELY THOSE OF THE BUILDER.

ALL DIMENSIONS WHICH ARE DEPENDENT ON EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

FOUNDATION DESIGN IS BASED ON THE SOILS REPORT PREPARED BY PANGEO INCORPORATED PROFESSIONALS, INC. PROJECT NO. 19–328, DATED APRIL 1,2021. THE SITE SHALL BE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS FOUND IN THE SOILS REPORT.

CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI MINIMUM IN 28 DAYS. USE NO MORE THAN 6.6 GALLONS OF WATER PER SACK OF CEMENT. (DESIGN IS BASED ON A COMPRESSIVE STRENGTH OF 2500 PSI IN 28 DAYS. THEREFORE SPECIAL INSPECTION IS NOT REQUIRED.)

WELDING SHALL BE DONE BY A CERTIFIED WELDER USING THE SHIELDED ARC PROCESS AND E80 SERIES ELECTRODES. WELDS SHALL BE FULL SECTION, FULL PENETRATION AND SHALL DEVELOP THE FULL STRENGTH OF THE SMALLER OF THE PARTS JOINED UNLESS THE PLANS SHOW OTHERWISE. ALL SHOP WELDING SHALL BE DONE USING THE SHIELDED ELECTRIC ARC PROCESS BY CERTIFIED WELDERS USING APPROVED ELECTRODES. NO FIELD WELDING WITHOUT SPECIAL INSPECTION. ALL WELDING PER AWS D1.1, USE E8018 ELECTRODES. NO FIELD WELDING IS EXPECTED TO BE PART OF THIS PROJECT.

STRUCTURAL STEEL –

ALL FLAT PLATES AND SHAPES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.

(EXCEPT 8.625" DIAMETER X .252" THICK WALL PIPE) 16" DIAMETER AND SMALLER PIPE SHALL BE DUAL CERTIFIED API 5L X65 (65 KSI MIN. YIELD) AND ASTM 572 GRADE 65. ALTERNATE FOR 16" DIAMETER AND SMALLER PIPE; PIPE SHALL BE ASTM A252 PROVIDED THAT THE STEEL CERTIFICATIONS ASSOCIATED WITH THE PIPE ARE AVAILABLE AND SHOW THE STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 65 KSI.

8.625 DIAMETER X .252" THICK WALL PIPE SHALL BE DUAL CERTIFIED API 5L X 57 (57 KSI MIN. YIELD) AND ASTM 572 GRADE 57. ALTERNATE FOR 8.625" DIAMETER X .252" THICK WALL PIPE SHALL BE ASTM A252 PROVIDED THAT THE STEEL CERTIFICATIONS ASSOCIATED WITH THE PIPE ARE AVAILABLE AND SHOW THE STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 57 KSI.

24", 30", 36", 42" DIAMETER PIPE (30" DIAMETER x .625" THICK WALL PIPE) SHALL BE ASTM A252 PROVIDED THAT THE STEEL CERTIFICATIONS ASSOCIATED WITH THE PIPE ARE AVAILABLE AND SHOW THE STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 65 KSI.

30" DIAMETER x .625" THICK WALL PIPE SHALL BE ASTM A252 PROVIDED THAT THE STEEL CERTIFICATIONS ASSOCIATED WITH THE PIPE ARE AVAILABLE AND SHOW THE STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 70 KSI.

WHERE SHOWN ON POLE SCHEDULE, 24" DIAMETER x .500" THICK WALL PIPE SHALL BE ASTM A252 PROVIDED THAT THE STEEL CERTIFICATIONS ASSOCIATED WITH THE PIPE ARE AVAILABLE AND SHOW THE STEEL TO HAVE A MINIMUM YIELD STRENGTH OF 70 KSI.

CABLE STRAND AND WIRE ROPE SHALL BE 1 X 7 EXTRA HIGH STRENGTH GALVANIZED STRAND FOR TOP, INTERMEDIATE, BOTTOM AND VERTICAL CABLES AND 6 X 19 GALVANIZED IWRC WIRE ROPE FOR GUY CABLES WITH THE FOLLOWING MINIMUM BREAKING STRENGTHS:

1x7 GALVANIZED WIRE ROPE:
5/16" NOMINAL DIAMETER: 11,200 LBS.
3/8" NOMINAL DIAMETER: 15,400 LBS.

6X19 GALVANIZED IWRC WIRE ROPE:
1/2" NOMINAL DIAMETER: 26,280 LBS

NETTING AND ITS ATTACHMENT IS BY OTHERS. NET SHALL HAVE NO MORE THAN 8% EQUIVALENT SOLID WIND DRAG. THE ATTACHMENT OF THE NET SHALL BE SUCH THAT IN WEATHER CONDITIONS WHICH RESULT IN HEAVY ICE BUILDUP ON THE NET (AND/OR HEAVY ICE BUILDUP AND STRONG WINDS), THE NETTING CONNECTION SHALL RELEASE OR "BREAK AWAY" SO AS TO PREVENT ANY DAMAGE TO THE STEEL CABLES, STEEL POLES AND/OR FOUNDATIONS.

WIRE ROPE FITTINGS SHALL DEVELOP THE BREAK STRENGTH OF THE CABLE PER THE MANUFACTURER (CROSBY OR EQUAL).

PAINT SHALL BE BLACK "STRYK 5388" ANTI–CORROSION COATING SYSTEM, 3–COAT PROCESS, APPLY 6–COATS TO BOTTOM OF POLE.

GENERAL CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING AND SHORING ALL EXCAVATIONS, TEMPORARY STRUCTURES, AND PARTIALLY COMPLETED PORTIONS OF THE WORK.

ENGEL & COMPANY IS NOT RESPONSIBLE FOR ONSITE INSPECTION TO ASSURE COMPLIANCE WITH MATERIALS AND/OR WORKMANSHIP SPECIFIED HEREIN. ENGEL & COMPANY IS NOT RESPONSIBLE FOR ANY CHANGES IN THE PLANS OR SPECIFICATIONS UNLESS APPROVAL IS AUTHORIZED IN WRITING. WORKMANSHIP IS TO BE OF THE HIGHEST QUALITY AND IN ALL CASES TO FOLLOW ACCEPTED CONSTRUCTION PRACTICES AND CITY/COUNTY STANDARDS. PLEASE REVIEW ALL PLANS AND SPECS PRIOR TO CONSTRUCTION.

WIND LOADING INFORMATION

OCCUPANCY CATEGORY: II
BASIC WIND SPEED: 97 MPH, NET DENSITY = 8%
EXPOSURE: C

SCOPE OF WORK

THESE PLANS ARE FOR THE CONSTRUCTION OF AN NEW ERRANT BALL CONTAINMENT SYSTEM FOR THE JEFFERSON PARK GOLC COURSE IN SEATTLE, WA. ALL STEEL POLES, FOUNDATIONS AND NETTING HARDWARE SHOWN IS PROPOSED AS NEW CONSTRUCTION. DESIGN IS NOT INTENDED TO RE USE ANY EXISTING ELEMENTS FROM ANY PRIOR INSTALLATION ON SITE THAT WERE INSTALLED AND DESIGNED BY OTHERS. ALL WORK NOT SPECIFICALLY CALLED OUT FOR ON THESE SETS OF PLANS IS BY OTHERS.

JudgeNetting Mountain West
2904 S. 2000 W.
Syracuse, UT 84075
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www.engelengineers.com (661) 327-7025

DATE	ISSUED FOR

DRAWN: RAG/EM
DATE: 9/10/2024
CHECKED: JCE
APPROVED: .

Notes and Specifications
Golf Ball Netting Barrier
Jefferson Park Golf Course
4101 Beacon Avenue South
Seattle, WA 98108

SHEET NO. **S1.0**
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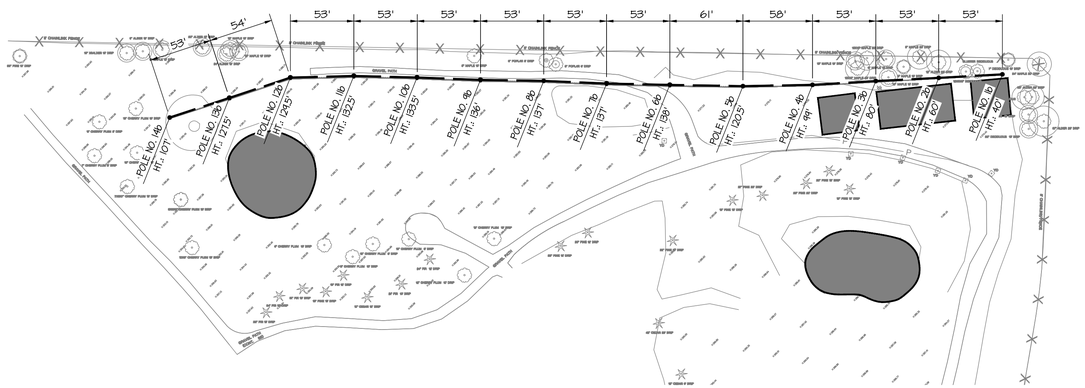
POLE & FOUNDATION SCHEDULE

POLE NUMBER	MAX. POLE TRIBUTARY SPACING	MAX. POLE HT. ABOVE FINISHED GRADE	* SPLICE HEIGHT	POLE SIZE DIAMETER	POLE SIZE WALL THICKNESS	POLE SIZE PIPE YIELD (KSI)	"S"	YIELD (KSI)	SPLICE DETAIL	FOUNDATION SIZE	FOUNDATION DEPTH
1A	53'	44.5'	N/A	12.75"	.281"	65	N/A	N/A	N/A	2'-0" Φ	14'-6"
1B	53'	44.5'	N/A	12.75"	.281"	65	N/A	N/A	N/A	2'-0" Φ	15'-0"
2B	53'	60'	13'	16" 16"	.250" .250"	65 65	.250"	50	DETAIL 3 ON SHEET S1.1	2'-0" Φ	14'-6"
2A	53'	74.5'	13'	16" 16"	.375" .375"	65 65	.375"	50	DETAIL 3 ON SHEET S1.1	2'-0" Φ	16'-0"
3B	53'	80'	21'	16" 20"	.250" .281"	65 65	.250"	50	DETAIL 3 ON SHEET S1.1	2'-0" Φ	19'-0"
4B	55'	99'	36'	16" 24"	.375" .375"	65 65	.375"	50	DETAIL 6 ON SHEET S1.1	3'-0" Φ	20'-0"
3A	52'	108.5'	45'	16" 24"	.375" .438"	65 65	.375"	50	DETAIL 6 ON SHEET S1.1	3'-0" Φ	20'-0"
14B	52'	108.5'	45'	16" 24"	.375" .438"	65 65	.375"	50	DETAIL 6 ON SHEET S1.1	3'-0" Φ	22'-0"
5B	54'	120.5'	62' 21'	16" 24" 24"	.375" .438" .562"	65 65 65	.375" .438"	50 65	DETAIL 6 ON SHEET S1.1 DETAIL 2 ON SHEET S1.1	3'-0" Φ	23'-6"
12B & 13B	53'	124.5'	69' 26'	16" 24" 24"	.375" .500" .688"	65 65 65	.375" .500"	50 65	DETAIL 6 ON SHEET S1.1 DETAIL 2 ON SHEET S1.1	3'-0" Φ	23'-6"
10B & 11B	53'	133.5'	73' 24'	16" 24" 30"	.375" .438" .500"	65 65 70	.375" .438"	50 50	DETAIL 6 ON SHEET S1.1 DETAIL 2 ON SHEET S1.1	3'-6" Φ	25'-6"
6B, 7B, 8B & 9B	56.5'	138'	80' 30'	16" 24" 30"	.375" .500" .524"	65 65 70	.375" .500"	50 50	DETAIL 6 ON SHEET S1.1 DETAIL 2 ON SHEET S1.1	3'-0" Φ	26'-6"
4A, 5A, & 6A	53'	146'	87' 31'	16" 24" 30"	.375" .562" .625"	65 65 65	.375" .562"	50 50	DETAIL 6 ON SHEET S1.1 DETAIL 2 ON SHEET S1.1	3'-6" Φ	24'-0"
7A, 8A, 9A, & 10A	52.5'	144.5'	45' 61' 20'	16" 24" 24" 30"	.375" .500" .688" .625"	65 65 65 65	.375" .500" .688"	50 65 50	DETAIL 6 ON SHEET S1.1 DETAIL 4 ON SHEET S1.1 DETAIL 1 ON SHEET S1.1	3'-6" Φ	24'-6"
11A, 12A, & 13A	52.5'	152'	93' 62' 22'	16" 24" 30" 36"	.375" .375" .500" .515"	65 65 65 65	.375" .375" .500"	65 65 65	DETAIL 6 ON SHEET S1.1 DETAIL 4 ON SHEET S1.1 DETAIL 1 ON SHEET S1.1	3'-6" Φ	25'-0"
14A	52.5'	153'	96' 62' 20'	16" 24" 30" 30"	.375" .375" .500" .515"	65 65 65 65	.375" .375" .500"	65 65 65	DETAIL 6 ON SHEET S1.1 DETAIL 4 ON SHEET S1.1 DETAIL 1 ON SHEET S1.1	4'-0" Φ	25'-0"
15A, 16A & 17A	52.5'	161'	103' 70' 30'	16" 24" 30" 30"	.375" .375" .500" .618"	65 65 65 65	.375" .375" .500"	65 65 65	DETAIL 6 ON SHEET S1.1 DETAIL 4 ON SHEET S1.1 DETAIL 1 ON SHEET S1.1	4'-0" Φ	25'-6"
18A	52.5'	162'	106' 56' 20'	16" 24" 30" 36"	.375" .375" .562" .515"	65 65 65 65	.375" .375" .562"	65 65 65	DETAIL 6 ON SHEET S1.1 DETAIL 4 ON SHEET S1.1 DETAIL 1 ON SHEET S1.1	4'-0" Φ	25'-6"

- * SPLICE HEIGHTS INDICATED ARE DISTANCES ABOVE THE FINISHED GRADE
- POLE SPACING IN SCHEDULE IS MAXIMUM, SEE PLAN
- WALL THICKNESS SHOWN ARE ACTUAL
- POLES ENDING IN "A" CORRESPOND TO HOLE #11, POLES ENDING IN "B" CORRESPOND TO HOLE #12
- FOR FOUNDATION DETAIL, SEE 6/S1.4

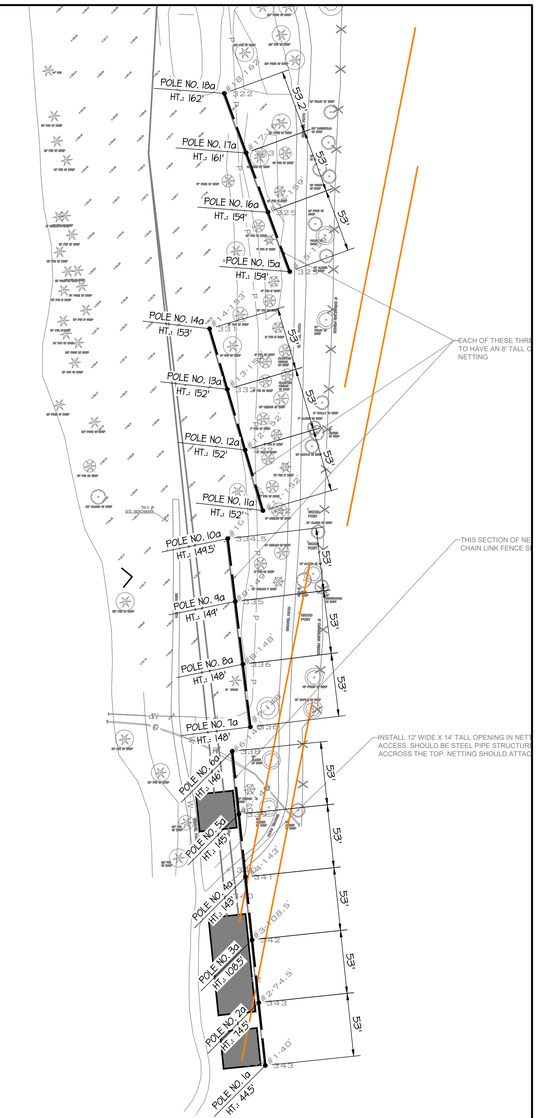
Jefferson Park Pole Schedule			
Pole Number	**Finished Grade Elevation (ft.)**	**Pole Height above finished grade (ft.)**	**Elevation at Top of Pole (ft.)**
1a	**343.0**	**44.5**	387.5
2a	**343.0**	**74.5**	417.5
3a	**342.0**	**108.5**	450.5
4a	**341.0**	**143.0**	484.0
5a	**339.0**	**145.0**	484.0
6a	**338.0**	**146.0**	484.0
7a	**336.0**	**148.0**	484.0
8a	**336.0**	**148.0**	484.0
9a	**335.0**	**149.0**	484.0
10a	**334.5**	**149.5**	484.0
11a	**332.0**	**152.0**	484.0
12a	**332.0**	**152.0**	484.0
13a	**332.0**	**152.0**	484.0
14a	**331.0**	**153.0**	484.0
15a	**325.0**	**159.0**	484.0
16a	**325.0**	**159.0**	484.0
17a	**323.0**	**161.0**	484.0
18a	**322.0**	**162.0**	484.0
1b	**274.0**	**40.0**	314.0
2b	**274.0**	**60.0**	334.0
3b	**275.0**	**80.0**	355.0
4b	**275.5**	**99.0**	374.5
5b	**276.0**	**120.5**	396.5
6b	**279.0**	**138.0**	417.0
7b	**280.0**	**137.0**	417.0
8b	**280.0**	**137.0**	417.0
9b	**281.0**	**136.0**	417.0
10b	**283.5**	**133.5**	417.0
11b	**284.5**	**132.5**	417.0
12b	**287.5**	**129.5**	417.0
13b	**289.5**	**127.5**	417.0
14b	**291.0**	**107.0**	398.0



PLAN AND POLE LOCATIONS SHOWN ABOVE WERE DRAWN WITH THE INPUT FROM THE OWNER AND THEIR PROJECT MANAGER AT JUDGE NETTING. IT IS STRONGLY RECOMMENDED THAT THE POLES LOCATIONS BE SURVEYED AND MARKED PRIOR TO ANY CONSTRUCTION TO AVOID ANY PROPERTY LINES, EASEMENTS OR EXISTING STRUCTURES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT 811 AND TO FIELD VERIFY ANY UNDERGROUND UTILITIES TO AVOID INTERFERENCE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

N

HOLE #12
POLE LAYOUT PLAN
1" = 60'



PLAN AND POLE LOCATIONS SHOWN ABOVE WERE DRAWN WITH THE INPUT FROM THE OWNER AND THEIR PROJECT MANAGER AT JUDGE NETTING. IT IS STRONGLY RECOMMENDED THAT THE POLES LOCATIONS BE SURVEYED AND MARKED PRIOR TO ANY CONSTRUCTION TO AVOID ANY PROPERTY LINES, EASEMENTS OR EXISTING STRUCTURES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT 811 AND TO FIELD VERIFY ANY UNDERGROUND UTILITIES TO AVOID INTERFERENCE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

N

HOLE #11
POLE LAYOUT PLAN
1" = 60'

JudgeNetting Mountain West
2904 S. 2000 W.
Syracuse, UT 84075
Ph: (801) 388-4178

coastal Netting • Steel Pole • Company
2933 Sixteenth Street
Bakersfield, California
(661) 631-1582

DATE	ISSUED FOR

ENGEL & COMPANY
Engineers
4009 UNION AVENUE
BAKERSFIELD, CA 93305
www.engelengineers.com (661) 327-7025

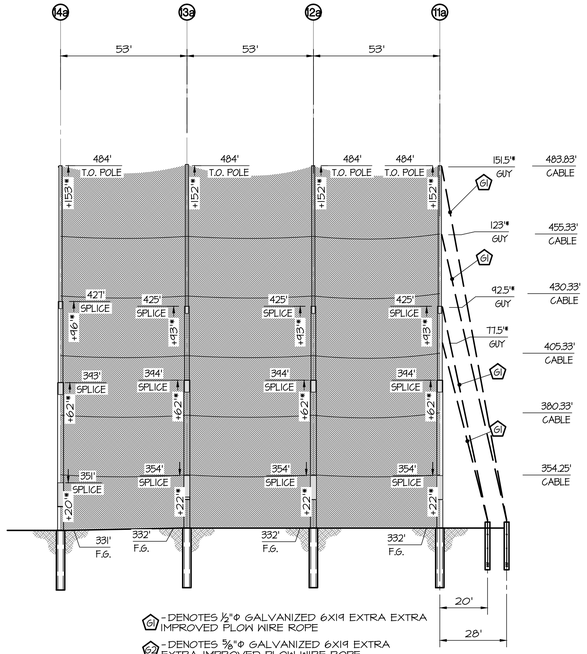
DRAWN: RAG/EM/ILR
DATE: 9/10/2024
CHECKED: JCE
APPROVED: .

Pole Layout Plan and Pole Schedules
Golf Ball Netting Barrier
Jefferson Park Golf Course
4101 Beacon Avenue South
Seattle, WA 98108

SHEET NO. S1.1
. OF .

24762

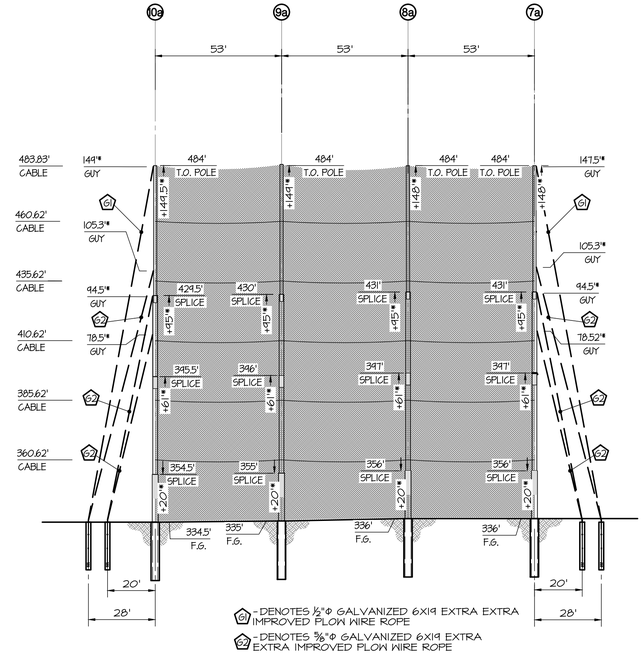
file: p:\judge netting mountain west\24762 _ jefferson park\Drawings\24762S1.dwg layout: 24762S1 scale: 1 by: (Dimined Profile) date: 9/10/2024 9:46 AM



C #11A-14A POLES DETAIL

1" = 30'-0"

F.G. - DENOTES FINISHED GRADE
* - DENOTES HEIGHT ABOVE FINISHED GRADE



B #7A-10A POLES DETAIL

1" = 30'-0"

F.G. - DENOTES FINISHED GRADE
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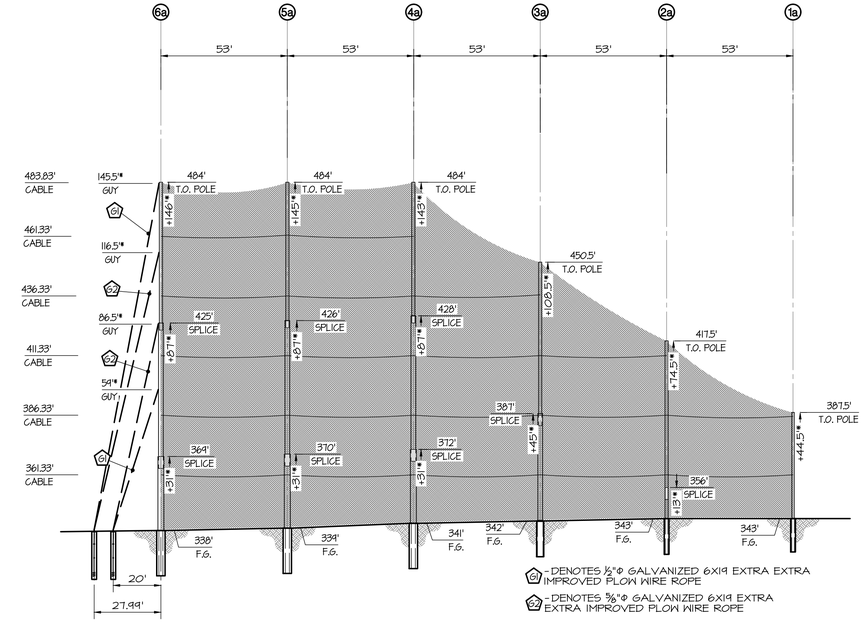

A #1A-6A POLES DETAIL

1" = 30'-0"

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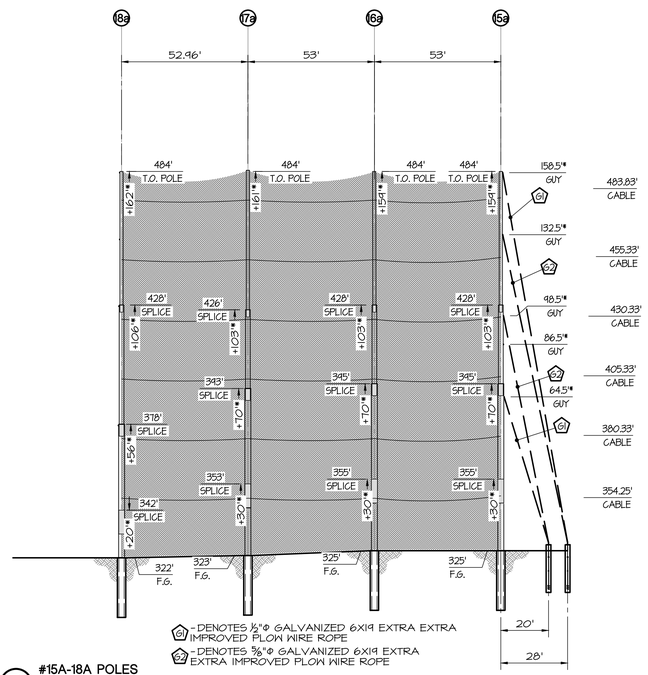

D #15A-18A POLES DETAIL

1" = 30'-0"

F.G. - DENOTES FINISHED GRADE
* - DENOTES HEIGHT ABOVE FINISHED GRADE

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Ph: (801) 388-4178

coastal Netting • Steel Pole • Company
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Bakersfield, California
(661) 631-1582

DATE	ISSUED FOR

ENGEL & COMPANY
Engineers
4009 UNION AVENUE
BAKERSFIELD, CA 93305
www.engelengineers.com (661) 327-7025

DRAWN: RAG/EM/ILR
DATE: 9/10/2024
CHECKED: JCE
APPROVED: -

Pole Elevations

Golf Ball Netting Barrier

Jefferson Park Golf Course

4101 Beacon Avenue South
Seattle, WA 98108

SHEET NO. S1.2
- OF -

24762

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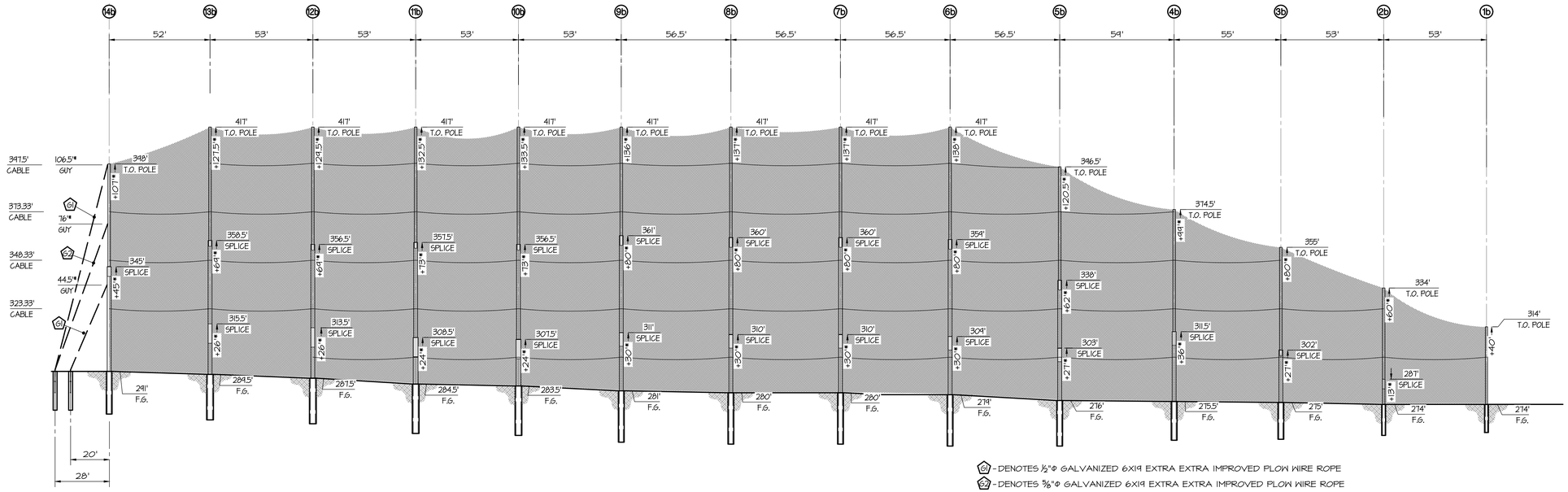

(61) - DENOTES ½"Φ GALVANIZED 6X19 EXTRA EXTRA IMPROVED PLOW WIRE ROPE

(62) - DENOTES ⅝"Φ GALVANIZED 6X19 EXTRA EXTRA IMPROVED PLOW WIRE ROPE

(E) #1B-14B POLES ELEVATION

1" = 30'-0"

F.G. - DENOTES FINISHED GRADE

* - DENOTES HEIGHT ABOVE FINISHED GRADE

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(661) 631-1582

DATE	ISSUED FOR

ENGEL & COMPANY
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4009 UNION AVENUE
BAKERSFIELD, CA 93305
www.engelengineers.com (661) 327-7025

DRAWN: RAG/EM/ILR
DATE: 9/10/2024
CHECKED: JCE
APPROVED: -

Pole Elevations

Golf Ball Netting Barrier

Jefferson Park Golf Course

4101 Beacon Avenue South
Seattle, WA 98108

SHEET NO. S1.3

- OF -

24762

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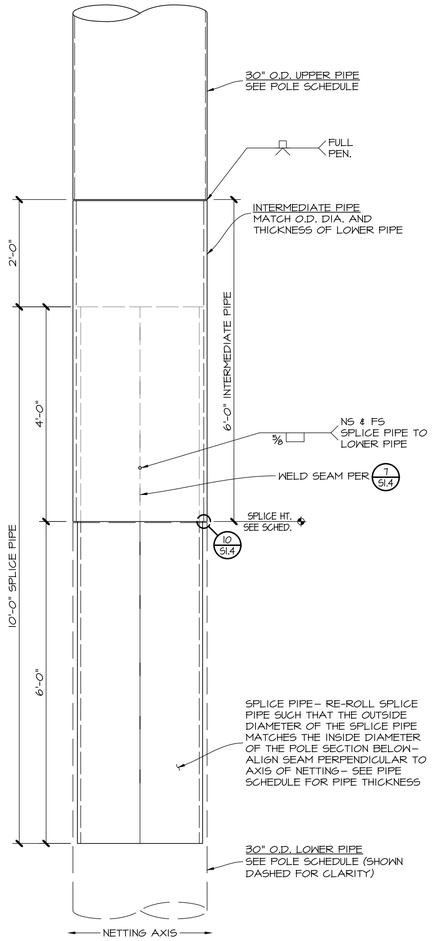
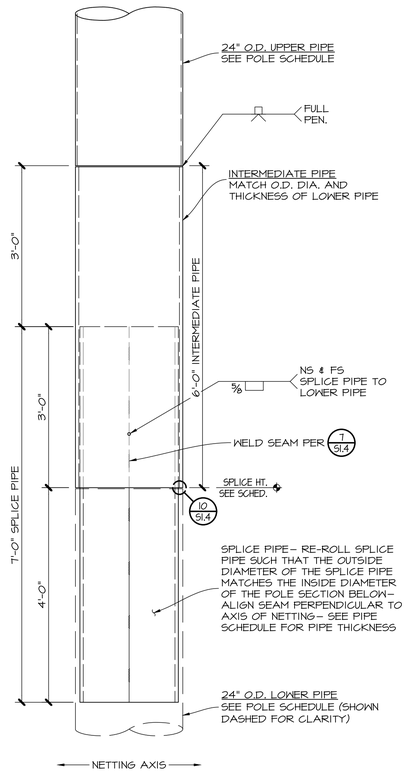


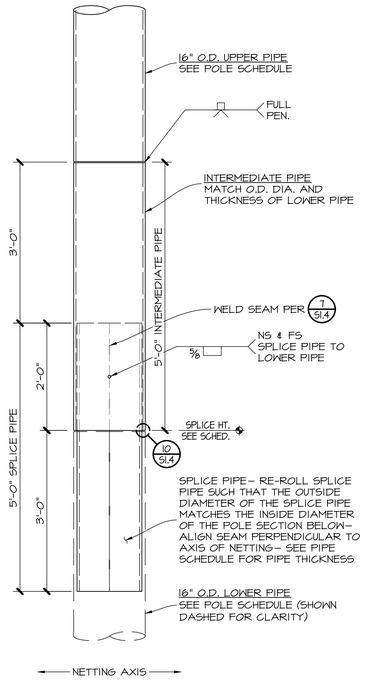
1 **30 INCH TO 30 INCH POLE SPLICE DETAIL** 3/4" = 1'-0"

SEE SCHEDULE FOR SPLICE LOCATIONS



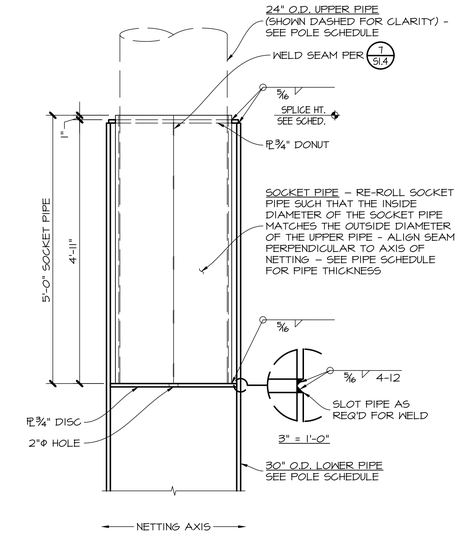
2 **24 INCH TO 24 INCH POLE SPLICE DETAIL** 3/4" = 1'-0"

SEE SCHEDULE FOR SPLICE LOCATIONS



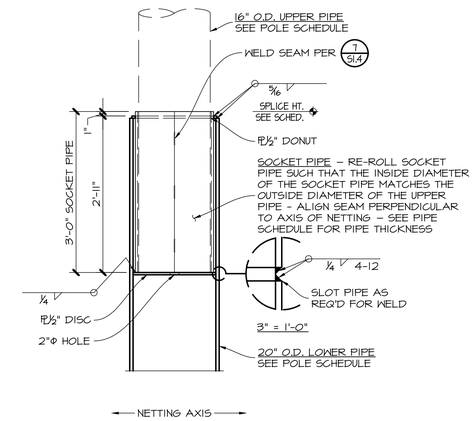
3 **16 INCH TO 16 INCH POLE SPLICE DETAIL** 3/4" = 1'-0"

SEE SCHEDULE FOR SPLICE LOCATIONS



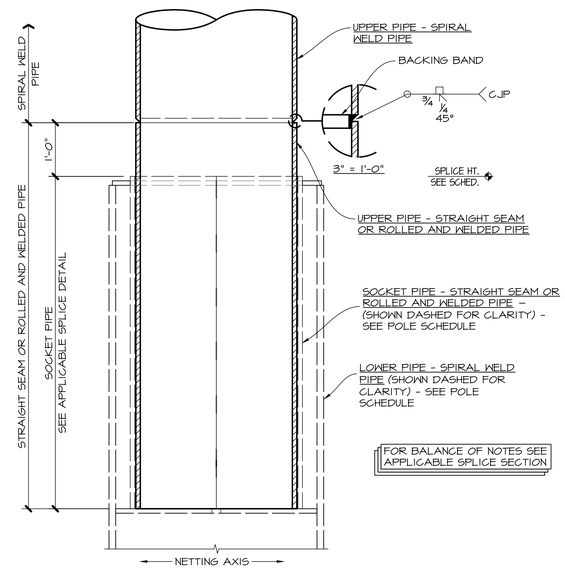
4 **30 INCH TO 24 INCH POLE SPLICE DETAIL** 3/4" = 1'-0"

SEE SCHEDULE FOR SPLICE LOCATIONS



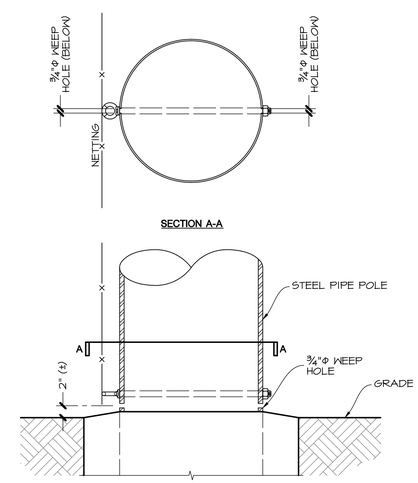
5 **20 INCH TO 16 INCH POLE SPLICE DETAIL** 3/4" = 1'-0"

SEE SCHEDULE FOR SPLICE LOCATIONS



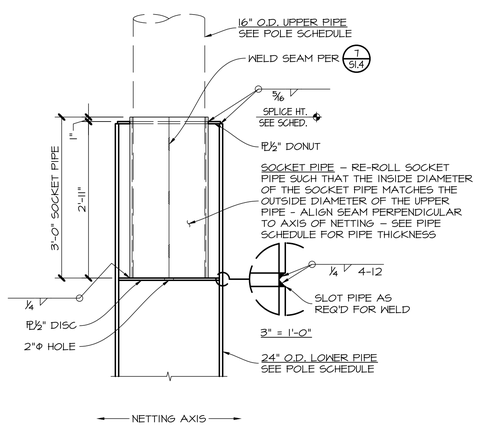
9 **SPIRAL WELD TO STRAIGHT SEAM OR ROLLED PIPE DETAIL** 3/4" = 1'-0"

SEE SCHEDULE FOR SPLICE LOCATIONS



11 **WEEP HOLE DETAIL** 1" = 1'-0"

✳ WEEP HOLE TO BE INSTALLED PERPENDICULAR TO AXIS OF NETTING

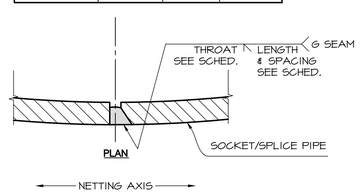


6 **24 INCH TO 16 INCH POLE SPLICE DETAIL** 3/4" = 1'-0"

SEE SCHEDULE FOR SPLICE LOCATIONS

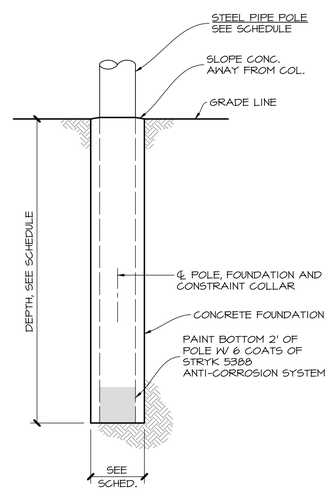
SEAM WELD SCHEDULE

SOCKET SPLICE THICKNESS	MIN. THROAT REQUIRED	WELD LENGTH	WELD SPACING
.375" WALL AND SMALLER	1/4"	3"	12" O.C.
.500" WALL	3/8"	4"	12" O.C.
.625" WALL	7/16"	4"	12" O.C.
.750" WALL	1/2"	4"	12" O.C.

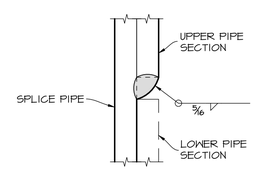


7 **SINGLE SEAM WELD DETAIL** N.T.S.

- ALIGN SEAM PERPENDICULAR TO AXIS OF NETTING
- SEE PIPE SCHEDULE FOR PIPE THICKNESS



8 **POLE FOUNDATION DETAIL** 1/4" = 1'-0"



10 **SLIP JOINT SPLICE WELD DETAIL** N.T.S.

JudgeNetting Mountain West
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Syracuse, UT 84075
Ph: (801) 388-4178

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(661) 631-1582

DATE	ISSUED FOR

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Engineers
4009 UNION AVENUE
BAKERSFIELD, CA 93305
www.engelengineers.com (661) 327-7025

DRAWN RAG/EM
DATE 9/10/2024
CHECKED JCE
APPROVED -

Details

Golf Ball Netting Barrier
Jefferson Park Golf Course
4101 Beacon Avenue South
Seattle, WA 98108

SHEET NO. **S1.4**
OF
24762

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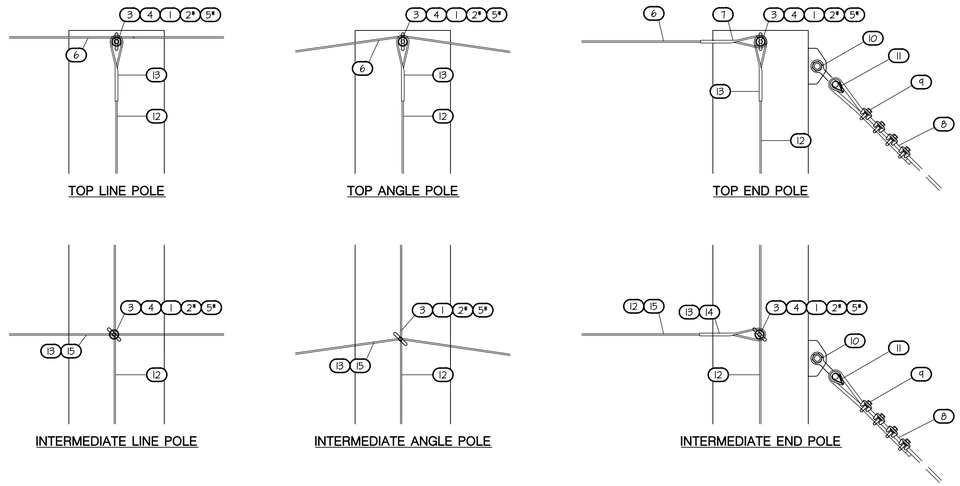
*** INSTALL ⅜" STRAND & PRE FORM ON THE HORIZONTAL LOCATED SECOND FROM THE TOP & BOT. HORIZONTAL
** INSTALL CLIPS PER MFR'S INSTRUCTION MANUAL
* INDICATES BOTH SIDE

PART SCHEDULE (EQUAL OR EXCEED)

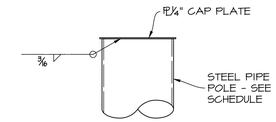
1. ¾" GALV. D.A. BOLT w/ NUT
2. PL3x¼ x 0'-3" GALV. CURVE WASHER
3. ¾" GALV. THIMBLEYE NUT
4. GALV. DOWN GUY ATTACHMENT
5. ¾" GALV. SPRING WASHER
6. ⅞" 1x7 E.H.S. STRAND
7. ⅞" GALV. PRE FORM GRIP
8. ½" 6x19 GALV. WIRE ROPE
9. (4) GALV. MALLEABLE WIRE ROPE CLIP, MATCH WIRE ROPE CLIP SIZE TO CABLE SIZE
10. ⅞" GALV. BOLT TYPE SHACKLE
11. HEAVY DUTY GALV. ½" WIRE ROPE THIMBLE
12. ⅝" 1x7 E.H.S. STRAND
13. ⅝" GALV. PRE FORM GRIP
14. *** ⅝" GALV. PRE FORM GRIP
15. *** ⅝" 1x7 GALV. E.H.S. STAND



1 TYPICAL CABLE DETAIL

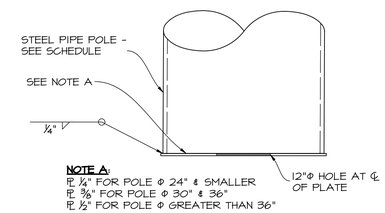
1" = 1'-0"

* ALL HARDWARE CONNECTION HOLES TO BE ⅞"Φ MAG DRILLED



4 POLE TOP CAP DETAIL

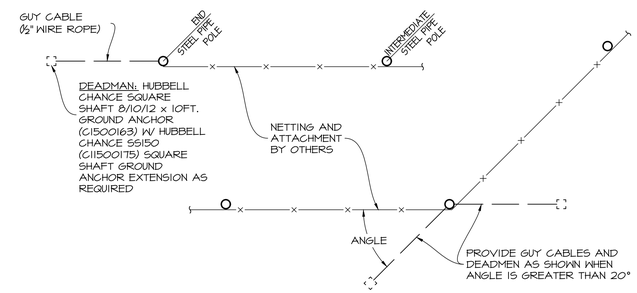
3/4" = 1'-0"



NOTE A:
PL ¼" FOR POLE Φ 24" & SMALLER
PL ⅜" FOR POLE Φ 30" & 36"
PL ½" FOR POLE Φ GREATER THAN 36"

3 POLE BASE CAP DETAIL

3/4" = 1'-0"



PLAN

2 LOCATION OF BRACING GUY CABLE DETAIL

1/16" = 1'-0"

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Syracuse, UT 84075
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Bakersfield, California
(661) 631-1582

		ENGEL & COMPANY Engineers 4009 UNION AVENUE BAKERSFIELD, CA 93305 www.engelengineers.com (661) 327-7025	DRAWN RAG/EM DATE 9/10/2024 CHECKED JCE APPROVED .	Details Golf Ball Netting Barrier Jefferson Park Golf Course 4101 Beacon Avenue South Seattle, WA 98108
DATE	ISSUED FOR			SHEET NO. S1.5 . OF .

24162

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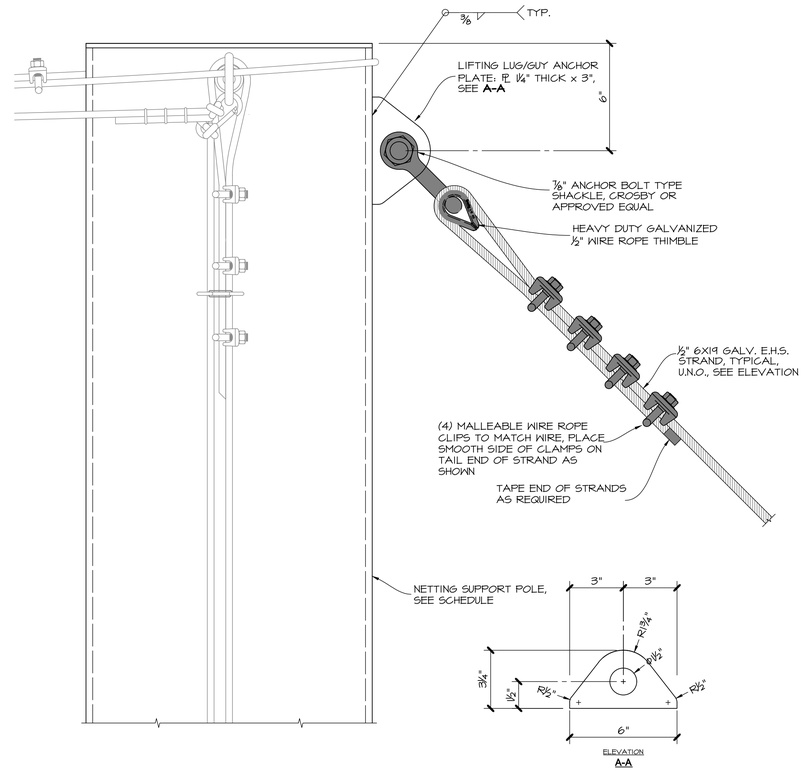
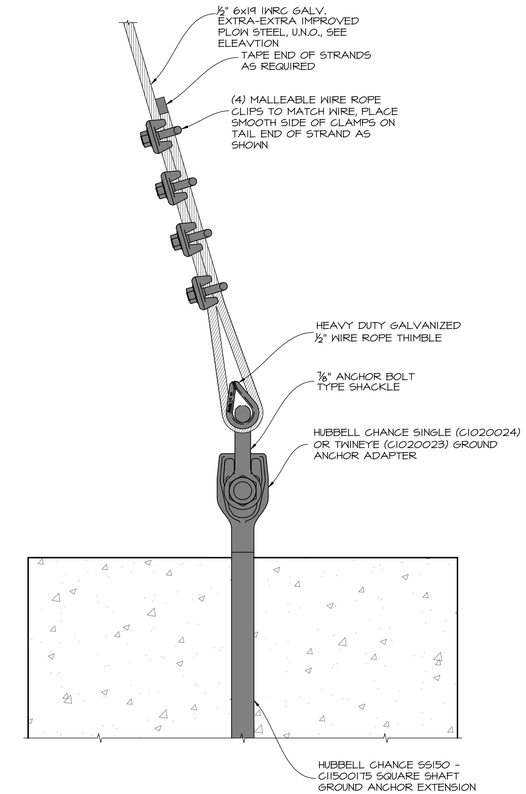
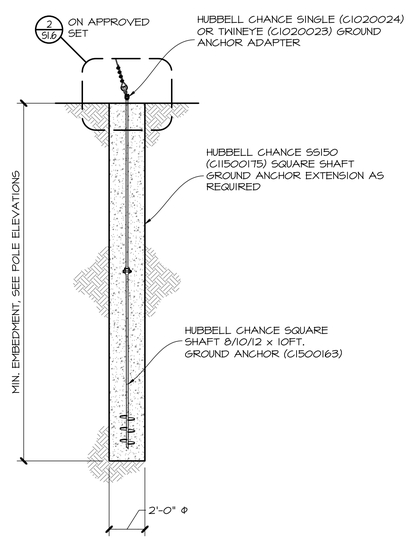


1 TOP CONNECTION FOR GUY CABLES
DETAIL
3" = 1'-0"



2 GROUND ANCHOR GUY CONNECTION
DETAIL
3" = 1'-0"



3 GROUND ANCHOR
DETAIL
1/4" = 1'-0"

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2904 S. 2000 W.
Syracuse, UT 84075
Ph: (801) 388-4178

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Bakersfield, California
(661) 631-1582

		ENGEL & COMPANY Engineers 4009 UNION AVENUE BAKERSFIELD, CA 93305 www.engelengineers.com (661) 327-7025	DRAWN RAG DATE 9/10/2024 CHECKED JCE APPROVED .	Details Golf Ball Netting Barrier **Jefferson Park Golf Course** 4101 Beacon Avenue South Seattle, WA 98108
				SHEET NO. **S1.6** . OF .
DATE	ISSUED FOR			

24-162

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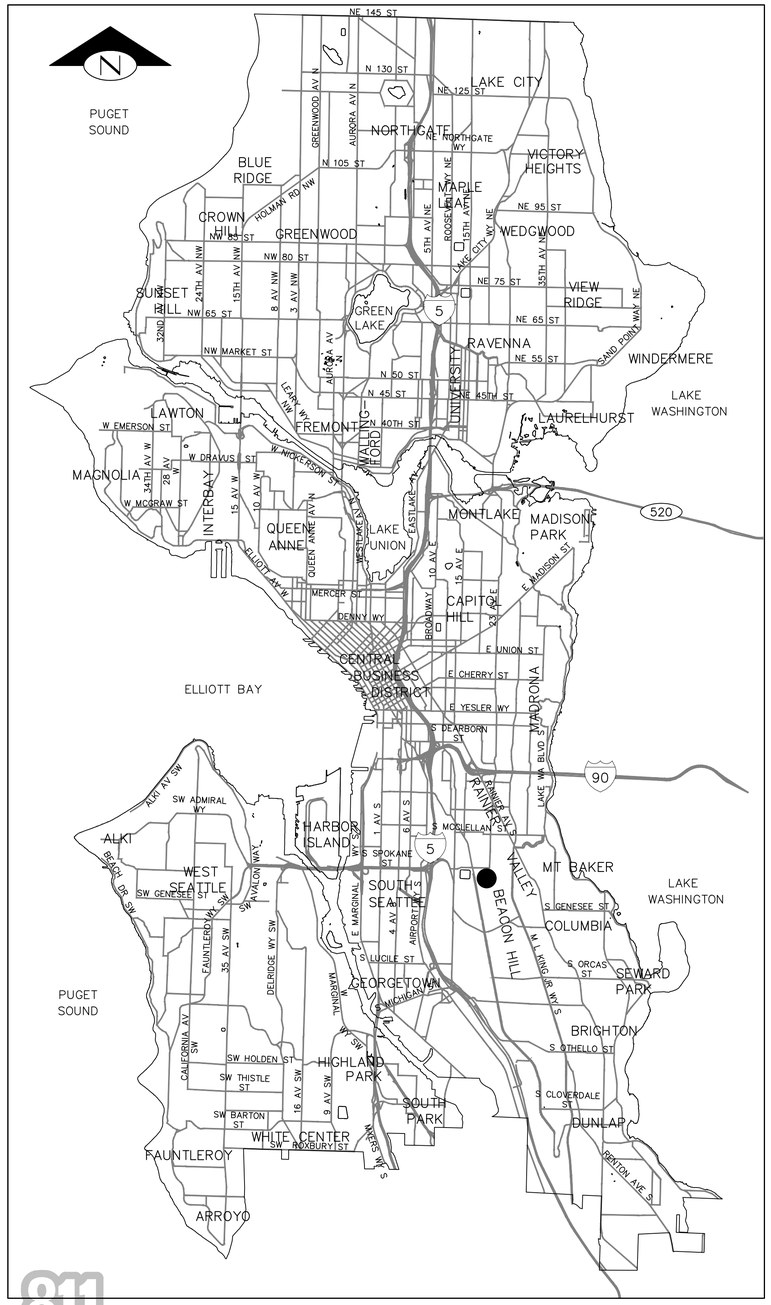
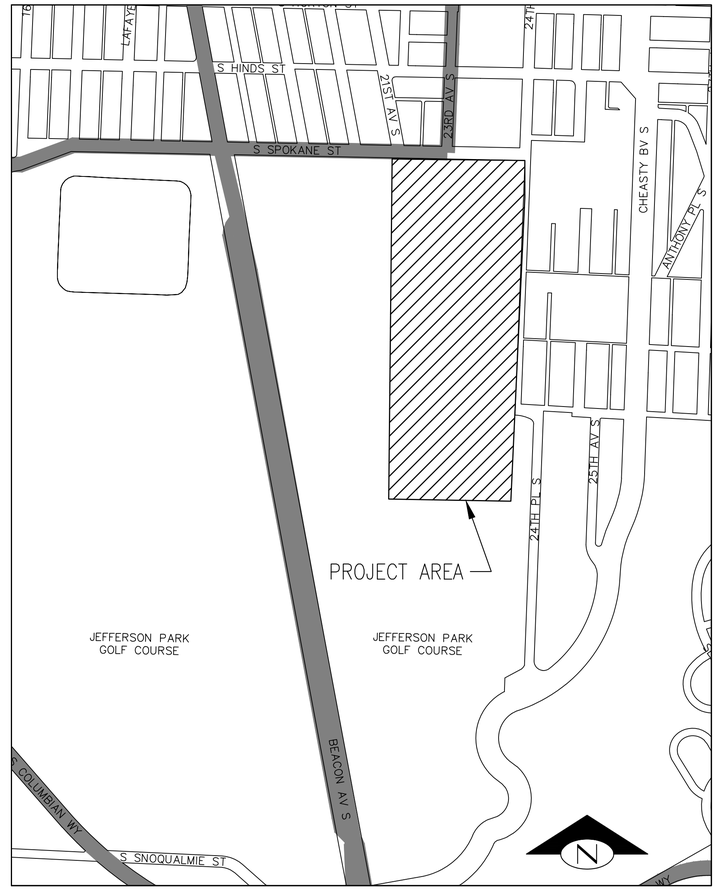


VICINITY MAP

1 0 1 2

SCALE: 1" = 1 MILE



LOCATION MAP

SCALE: 1" = 400'

SHEET INDEX

SHT NO	DWG NO	SHEET DESCRIPTION	COURSE HOLE NUMBER
1	C1.0	COVER SHEET AND NOTES	
2	C2.0	CSC/SOIL PLAN	HOLE 12
3	C2.1	CSC/SOIL PLAN	HOLE 12
4	C2.2	CSC/SOIL PLAN	HOLE 11
5	C2.3	CSC/SOIL PLAN	HOLE 11
6	C2.4	CSC/SOIL PLAN	HOLE 11

PROJECT DRAINAGE SUMMARY

ONLY PROPOSED NEW OR REPLACED HARD SURFACES FOR PROJECT ARE CONCRETE POLE FOUNDATIONS. TOTAL POLE FOUNDATIONS IMPERVIOUS AREA IS 255 SF FOR PROJECT. PER COMPLETED OSM CALCLULATOR, NO ONSITE STORMWATER BMPS ARE REQUIRED FOR PROJECT.

THIS PLAN SET PROVIDES CSC/SOIL PLANS AND DETAILS PER CITY OF SEATTLE STORMWATER MANUAL.

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE 2023 CITY OF SEATTLE (COS) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, THE 2023 CITY OF SEATTLE STANDARD PLANS, AND SEATTLE DEPARTMENT OF TRANSPORTATION (SDOT) DIRECTORS RULE 01-2017 FOR RIGHT OF WAY OPENING AND RESTORATION RULES (ROWORR). A COPY OF THESE DOCUMENTS SHALL BE ON SITE AT ALL TIMES DURING CONSTRUCTION.
2. A COPY OF THE APPROVED PLANS AND PERMITS MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
3. THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH ALL PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY. ALL PUBLIC ROADWAY OPERATIONS AND TRAFFIC CONTROL MEASURES SHALL BE CONDUCTED UNDER THE PROVISIONS OF AN APPROVED TRAFFIC CONTROL PLAN PER SDOT REQUIREMENTS AND COS SPECIFICATION SECTION 1-10.2(5).
4. PAVED SURFACES IN THE PUBLIC RIGHT OF WAY INCLUDING ROADWAYS, SIDEWALKS, AND CURBS THAT ARE DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL CONTACT THE UTILITIES UNDERGROUND LOCATION CENTER (1-800-424-5555) NO LESS THAN TWO DAYS AND NO MORE THAN 10 DAYS PRIOR TO ANY EXCAVATION THAT MIGHT AFFECT UNDERGROUND FACILITIES. SEE COS SPECIFICATIONS SECTION 1-07.28. A PRIVATE/THIRD PARTY LOCATE SERVICE SHALL BE USED TO LOCATE/IDENTIFY BURIED UTILITIES ON PRIVATE PROPERTY.
6. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF AND HAZARD CREATED BY OVERHEAD POWER AND OTHER UTILITIES. THE CONTRACTOR SHALL MEET WITH UTILITY OWNERS PRIOR TO CONSTRUCTION AND SHALL TAKE WHATEVER PRECAUTIONS ARE REQUIRED BY LAW AND REGULATIONS, UTILITY OWNERS, AND SAFE CONSTRUCTION PRACTICES. SEE COS SPECIFICATIONS SECTION 1-05.2 FOR FURTHER INFORMATION ON ELECTRICAL SAFETY AND RESPONSIBILITIES.
7. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
8. INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE ENGINEER MAY REQUIRE RECONSTRUCTION, AT CONTRACTOR'S EXPENSE, OF ITEMS THAT DO NOT MEET CITY STANDARDS OR THAT WERE CONSTRUCTED WITHOUT INSPECTION.
9. THE REQUIREMENTS OF THIS PLAN ARE THE MINIMUM REQUIREMENTS. THEY DO NOT REPLACE, REPEAL, ABROGATE, SUPERSEDE, OR AFFECT ANY OTHER MORE STRINGENT REQUIREMENTS, RULES, REGULATIONS, STANDARDS, OR RESTRICTIONS.
10. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION.
11. IN ACCORDANCE WITH COS SPECIFICATION SECTION 7-20.3, THE CONTRACTOR SHALL ADJUST ALL MAINTENANCE HOLE CASTINGS, DRAINAGE STRUCTURE LIDS, VALVE BOXES, AND UTILITY ACCESS STRUCTURES TO FINISHED GRADE WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS.
12. TRUCK TRAFFIC SHALL BE MINIMIZED THROUGH THE NEIGHBORHOODS. TRUCK TRAFFIC SHALL USE ARTERIAL ROUTES WHERE POSSIBLE.
13. THE CONTRACTOR SHALL COMPLY WITH CITY OF SEATTLE'S TRUCK-IDLING PROVISION OF 2008.
14. THE CONTRACTOR SHALL NOTIFY THE SEATTLE FIRE DEPARTMENT (SFD) AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUTOFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE CONTRACTOR SHALL ALSO NOTIFY THE DISPATCHER OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK. CONTACT THE SFD DISPATCHER AT (206)-386-1494 AND CAPTAIN BRIAN MAIER OF FIRE STATION 14 AT (206)-386-1414.
15. ANY CONSTRUCTION OR INSTALLATION ACTIVITIES AFFECTING TRANSIT OPERATIONS MUST BE COORDINATED THROUGH METRO TRANSIT CONSTRUCTION INFORMATION CENTER. FOR NOTIFICATION INFORMATION AND GUIDELINES, PLEASE VISIT: HTTP://WWW.KINGCOUNTY.GOV/TRANSPORTATION/KCDOT/METROTRANSIT/CONSTRUCTION.ASPX OR CONTACT CONSTRUCTION COORDINATORS AT 206-477-1140. PLEASE PROVIDE FIVE BUSINESS DAYS NOTIFICATION FOR BUS REROUTES AND THREE BUSINESS DAYS NOTIFICATION FOR BUS STOP IMPACTS.

EROSION/SEDIMENTATION CONTROL (ESC) NOTES

1. THE IMPLEMENTATION OF PROPER EROSION CONTROLS MEETING LOCAL REQUIREMENTS AND THE MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES AS NECESSARY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
2. THROUGHOUT THE DURATION OF CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE, ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
3. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED (E.G. ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS.
4. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY OR AS DIRECTED BY THE CITY OF SEATTLE TO ENSURE THEIR CONTINUED FUNCTIONING.
5. BETWEEN MAY 1ST AND SEPTEMBER 30TH ANY AREA STRIPPED OF VEGETATION, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 7 DAYS SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (E.G. SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.) BETWEEN OCTOBER 1ST AND APRIL 30TH THE PERIOD SHALL BE 2 DAYS.
6. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED.
7. IF NECESSARY TO PREVENT TRACKING OFF-SITE, STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
8. CONSTRUCTION EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO ANY EARTH DISTURBANCE.
9. NO SEDIMENT SHALL BE TRACKED ONTO PAVED STREETS OR ROADWAYS. SEDIMENT SHALL BE REMOVED FROM TRUCKS AND EQUIPMENT PRIOR TO LEAVING THE CONSTRUCTION SITE. IN THE EVENT OF FAILURE OF THE TESC SYSTEM RESULTING IN SEDIMENT TRACKING ONTO PAVEMENT, THE CONTRACTOR SHALL IMPLEMENT MEASURES IMMEDIATELY TO CORRECT THE SITUATION. THE CONTRACTOR SHALL EMPLOY EMERGENCY MEASURES TO REMOVED SEDIMENT FROM PAVED SURFACES, AS NEEDED. STREET SWEEPING SHALL BE CONSIDERED AN EMERGENCY MEASURE AND NOT A BASIC COMPONENT OF THE TESC SYSTEM. SEDIMENT TRACKED ONTO PAVED SURFACES SHALL NOT BE WASHED INTO STORM DRAINS OR OTHER UTILITY INLETS.
10. PROVIDE CB PROTECTION ON SITE AND IMMEDIATELY DOWNSTREAM OF THE PROJECT SITE.
11. THE CONTRACTOR SHALL PROVIDE SUMPS, PUMPS, AND STORMWATER TREATMENT SYSTEMS AND CONSTRUCT INTERCEPTOR SWALES NECESSARY FOR DEWATERING. NUMBER AND LOCATION OF SYSTEMS TO BE AS REQUIRED BY CONTRACTOR'S OPERATIONS AND SEQUENCING.
12. THE EROSION CONTROL MEASURES DESCRIBED ABOVE ARE CONSIDERED A MINIMUM AND ADDITIONAL MEASURES WILL BE REQUIRED TO PROTECT ADJACENT PROPERTIES, INCLUDING THE ROW, THE DOWNSTREAM SYSTEM AND RECEIVING WATERS.

CONSTRUCTION STORMWATER CONTROL (CSC) GENERAL NOTES

1. A FIRST GROUND DISTURBANCE INSPECTION IS REQUIRED PRIOR TO START OF WORK ON ALL SITES WITH LAND DISTURBING ACTIVITY. SCHEDULE A FIRST GROUND DISTURBANCE INSPECTION FOR AN ISSUED BUILDING PERMIT AT 206-684-8900 OR ONLINE AS DESCRIBED AT http://www.seattle.gov/sdci/inspections/site-development-inspections
2. THE APPLICANT SHALL DESIGNATE AN EROSION AND SEDIMENT CONTROL (ESC) SUPERVISOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS). FOR LARGE CONSTRUCTION PROJECTS, THE ESC SUPERVISOR SHOULD BE A CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL). PROVIDE THE NAME AND PHONE NUMBER OF THE ESC SUPERVISOR TO THE SITE INSPECTOR AT THE FIRST GROUND DISTURBANCE INSPECTION.
3. BMPS SHALL BE INSTALLED PRIOR TO STARTING CONSTRUCTION TO ENSURE SEDIMENT-LADEN WATER DOES NOT LEAVE THE PROJECT SITE OR ENTER ROADSIDE DITCHES, STORM DRAINS, SURFACE WATERS, OR WETLANDS.
4. THE BMPS INCLUDED IN THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT BMPS ARE MODIFIED AS NEEDED FOR UNEXPECTED STORM EVENTS OR OTHER UNFORESEEN CIRCUMSTANCES, AND TO ACCOUNT FOR CHANGING SITE CONDITIONS.
5. ANY AREAS OF DISTURBED SOIL THAT WILL NOT BE WORKED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON (OCT 1 TO APRIL 30) OR SEVEN DAYS DURING THE DRY SEASON (MAY 1 TO SEPT 30) SHALL BE IMMEDIATELY STABILIZED WITH APPROVED BMPS METHODS (E.G. STRAW, MULCH, PLASTIC COVERING, COLD MIX, ETC.)
6. GRADING AND/OR SOIL DISTURBING ACTIVITIES MAY BE LIMITED OR PROHIBITED FOR CERTAIN SITES SUBJECT TO ECA STANDARDS (I.E. ECA STEEP SLOPES, LANDSLIDE PRONE AREAS, ETC.) BETWEEN OCTOBER 31ST AND APRIL 1ST. IF NOTED IN THE GEOTECHNICAL SPECIAL INSPECTIONS REQUIREMENTS, A GRADING SEASON EXTENSION LETTER (GSEL) ISSUED BY SDCI IS REQUIRED FOR ALL GRADING AND/OR SOIL DISTURBING ACTIVITIES DURING THIS PERIOD. THE GEOTECHNICAL SPECIAL INSPECTOR MUST SUBMIT ELECTRONIC APPLICATIONS FOR A GSEL USING THE SDCI PROJECT PORTAL. ALLOW FOUR TO SIX WEEKS FOR PROCESSING. FAILURE TO OBTAIN THE GSEL PRIOR TO OCTOBER 31 MAY RESULT IN A WORK STOPPAGE.
7. CITY STREETS AND SIDEWALKS SHALL BE KEPT CLEAN AT ALL TIMES. NO MATERIAL SHALL BE STORED ON CITY STREETS OR SIDEWALKS WITHOUT A STREET USE PERMIT FROM THE SEATTLE DEPARTMENT OF TRANSPORTATION (SDOT).
8. POLLUTION CONTROL MEASURES SHALL BE FOLLOWED TO ENSURE THAT NO LIQUID PRODUCTS OR CONTAMINATED WATER ENTERS ANY STORM DRAINAGE FACILITIES OR OTHERWISE LEAVES THE PROJECT SITE. ANY HAZARDOUS MATERIALS OR LIQUID PRODUCTS THAT HAVE THE POTENTIAL TO POLLUTE RUNOFF SHALL BE STORED AND DISPOSED OF PROPERLY.
9. ENSURE THAT WASHOUT FROM CONCRETE TRUCKS IS PERFORMED OFF-SITE OR IN DESIGNATED CONCRETE WASHOUT AREAS ONLY. DO NOT WASH OUT CONCRETE TRUCKS ONTO THE GROUND, OR TO STORM DRAINS OR OPEN DITCHES. DO NOT DUMP EXCESS CONCRETE ONSITE, EXCEPT IN DESIGNATED CONCRETE WASHOUT AREAS.
10. ALL AREAS OF DISTURBED SOIL SHALL BE FULLY STABILIZED WITH THE APPROPRIATE SOIL AMENDMENT AND COVER MEASURES AT COMPLETION OF THE PROJECT. TYPICAL COVER MEASURES INCLUDE LANDSCAPING OR HYDROSEED WITH MULCH.

COVER SHEET AND NOTES

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ORDINANCE NO. PW NO.

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JEFFERSON GOLF COURSE RENOVATION

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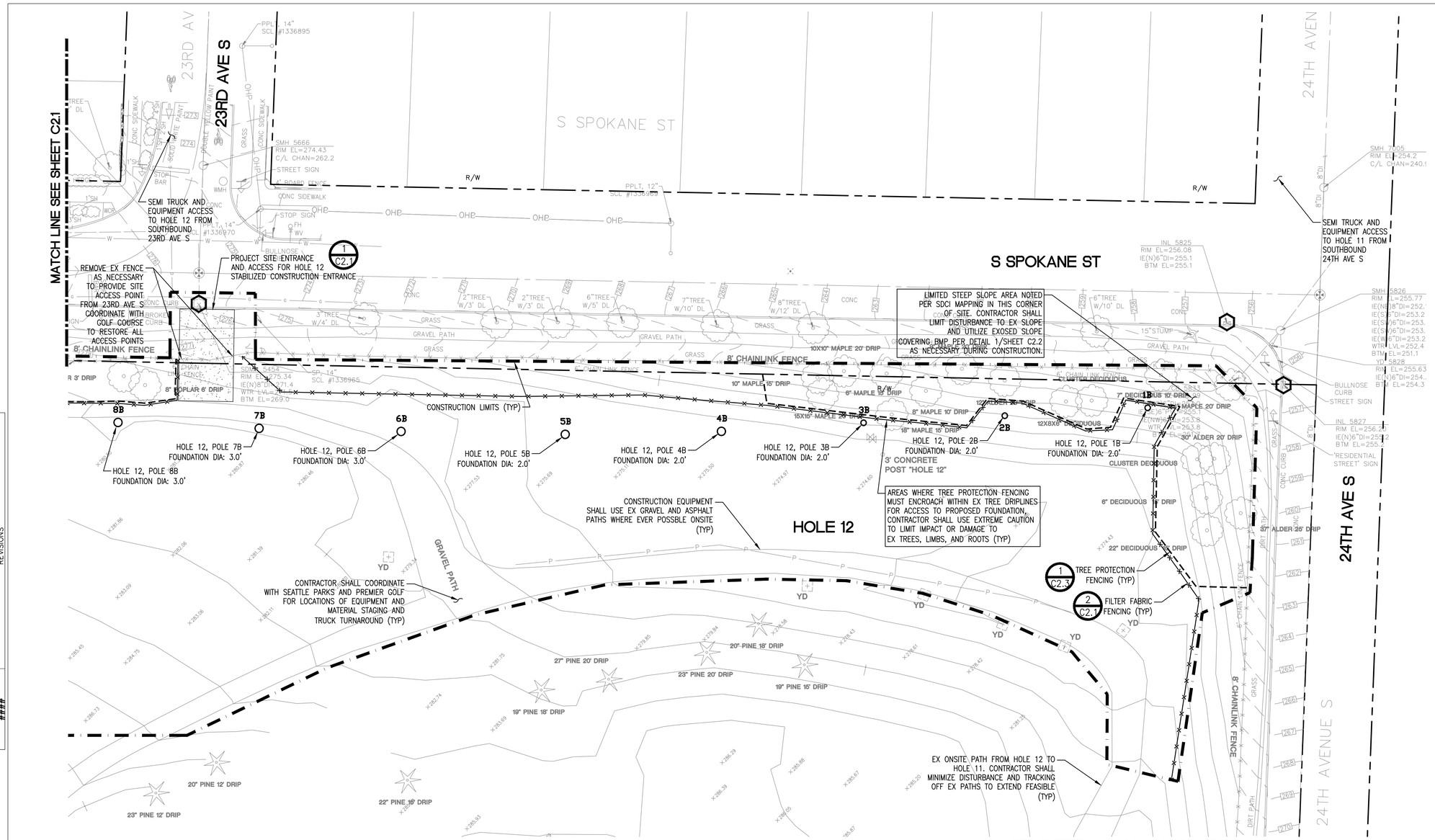

SEE SHEETS C2.2-C2.4 FOR HOLE 11 PLANS

SCALE: 1" = 20'

DATUM

NAVD 88

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE (1/C2.1)
- CATCH BASIN PROTECTION
- TREE PROTECTION (1/C2.3)
- REMOVE TREE
- FILTER FABRIC FENCE (2/C2.1)
- CONSTRUCTION LIMIT

NOTES

1. SEE SHEET C1.0 FOR GENERAL NOTES AND EROSION AND SEDIMENTATION CONTROL NOTES.
2. REMOVE EXISTING SITE STRUCTURES AS NECESSARY TO CONSTRUCT IMPROVEMENTS. REFER TO NETTING DWGS FOR ADDITIONAL INFORMATION.
3. PROTECT ALL EXISTING TREES NOT EXPRESSLY INDICATED FOR REMOVAL. REFER TO TREE PROTECTION DETAIL FOR ADDITIONAL INFORMATION.
4. ALL DISTURBED LANDSCAPED AREAS SHALL BE AMENDED WITH SOIL IN ACCORDANCE WITH CITY OF SEATTLE REQUIREMENTS. THIS SHALL CONSIST OF A MINIMUM OF 6" OF COMPOST AMENDED TOPSOIL AND TILLED TO 12" MINIMUM DEPTH.
5. PRESERVE AND PROTECT ALL UTILITIES AND SURFACE IMPROVEMENTS NOT INDICATED FOR REMOVAL.
6. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. UTILITIES ARE SHOWN FOR REFERENCE ONLY.
7. COORDINATE EXTENTS OF DEMOLITION AND SITE MODIFICATIONS WITH JUDGE NETTING AS REQUIRED FOR SITE ACCESS AND STAGING. STAGE DEMOLITION TO PROVIDE ADEQUATE HARD SURFACE WORK PAD AND LAYOUT AREAS OR PROVIDE TEMPORARY GRAVEL SURFACING OR TEMPORARY LAYDOWN PADS AS NECESSARY.
8. COORDINATE ALL UTILITY DEMOLITION WITH CONSTRUCTION OF NEW SYSTEMS AND PROVIDE TEMPORARY BYPASS AND PUMPING SYSTEMS AS REQUIRED BY CONTRACTORS OPERATIONS.
9. THE EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED A MINIMUM AND ADDITIONAL MEASURES WILL BE REQUIRED TO PROTECT ADJACENT PROPERTIES, INCLUDING THE ROW, THE DOWNSTREAM SYSTEM AND RECEIVING WATERS.
10. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR WORK WITHIN THE RIGHT-OF-WAY VIA SDOT MINOR UTILITY PERMIT.
11. TREE PROTECTION SHALL INCLUDE TEMPORARY CHAINLINK OR SIMILAR RIGID FENCING LOCATED AT DRIPLINE OF TREE.

ALL NEW AND REPLACED LAWN AND LANDSCAPE AREAS SHALL RECEIVE POST-CONSTRUCTION SOIL AMENDMENT PER DETAIL 3/SHEET C2.1.

POST CONSTRUCTION SOIL MANAGEMENT PLAN

AT THE END OF PROJECT, ALL AREAS DISTURBED AND NOT COVERED WITH A HARD SURFACE MUST BE AMENDED PER THE SOIL AMENDMENT DETAIL BELOW AND PROBE TO 12-INCHES AT THE SITE FINAL INSPECTION.

LABEL ALL AREAS DISTURBED AND NOT COVERED WITH A HARD SURFACE AS ONE OF THE FOLLOWING: SA (SOIL AMENDMENT AREA) or ND (NON-DISTURBED AREA).

- NON-DISTURBED AREA (ND): VEGETATED AREAS THAT WILL NOT BE SUBJECT TO LAND DISTURBING ACTIVITY DO NOT REQUIRE SOIL AMENDMENT IF THEY ARE FENCED AND CONTINUOUSLY PROTECTED THROUGHOUT CONSTRUCTION. THE FENCING MUST BE IN PLACE AT THE FIRST GROUND DISTURBANCE INSPECTION. NO DISTURBANCE, INCLUDING VEHICLE TRAFFIC OR MATERIAL STORAGE, IS ALLOWED IN THESE AREAS UNTIL FINAL INSPECTION.
- SOIL AMENDMENT AREA (SA): VEGETATED OR COMPOST AREAS (TURF AND LANDSCAPE) MUST BE AMENDED PER THE SOIL AMENDMENT DETAIL. THIS INCLUDES AREAS IMPACTED BY CLEARING AND GRADING, STOCKPILING, SITE ACCESS, PATHWAYS AND MATERIALS OR EQUIPMENT STORAGE.

CONSTRUCTION SEQUENCE

1. INSTALLATION OF TREE PROTECTION FENCING.
2. THE FENCE LOCATION SHALL BE DETERMINED IN THE FIELD BY THE CLIENTS URBAN FORESTER DEPENDING ON THE SITE EVALUATION BY APPLICANTS URBAN FORESTER.
3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS REQUIRED. ADJUST AS NECESSARY TO ACCOMODATE CONSTRUCTION CONDITIONS.
4. INSTALL FILTER FABRIC FENCING.
5. INSTALL ADDITIONAL SEDIMENTATION MEASURES (SEDIMENT TRAPS, INTERCEPTOR SWALES, ETC.) AS REQUIRED.
6. DEMO ACP AND CLEAR AREAS NECESSARY TO ACCOMODATE NEW CONSTRUCTION. PROTECT ANY CLEARING DEBRIS STOCKPILED ON THE SITE WITH PLASTIC COVERING OR APPROVED COVER.
7. EXCAVATE AND GRADE AREAS NECESSARY FOR NEW CONSTRUCTION. PROTECT ANY EXCAVATION SPOILS STOCKPILED ON THE SITE WITH PLASTIC COVERING. REMOVE FILTER FABRIC FENCING AS REQUIRED FOR BUILDING CONSTRUCTION.
8. UPGRADE TESC FACILITIES AS NEEDED.
9. IMMEDIATELY STABILIZE EXPOSED BACKFILLED AREAS WITH MULCH OR SPECIFIED PERMANENT RESTORATION PLANTING.
10. UPON COMPLETION OF CONSTRUCTING IMPROVEMENTS INSTALL PERMANENT PLANTING AND REMOVE EROSION CONTROL BMPS.

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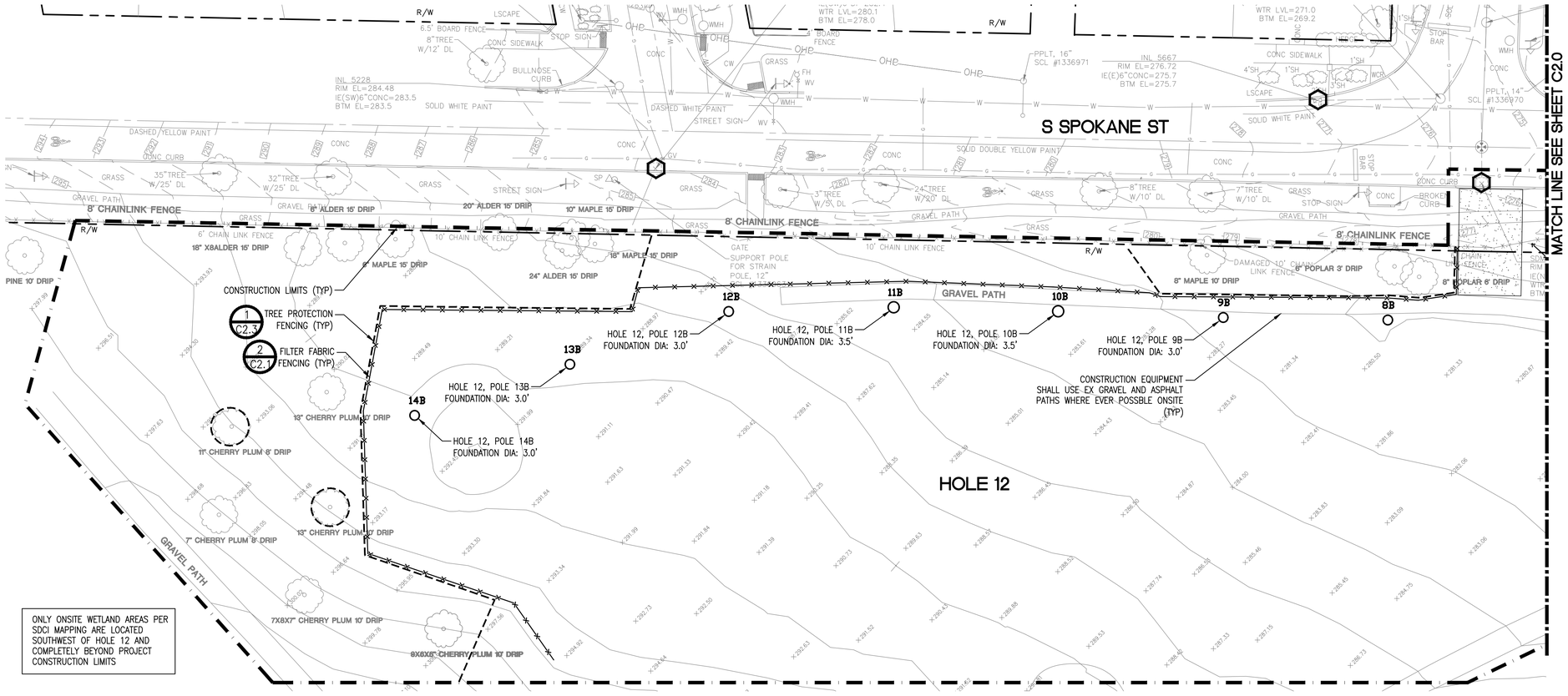

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DATUM

NAVD 88

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE (1/C2.1)
- CATCH BASIN PROTECTION
- TREE PROTECTION (1/C2.3)
- REMOVE TREE
- FILTER FABRIC FENCE (2/C2.1)
- CONSTRUCTION LIMIT

NOTES

1. SEE SHEET C1.0 FOR GENERAL NOTES AND EROSION AND SEDIMENTATION CONTROL NOTES.
2. REMOVE EXISTING SITE STRUCTURES AS NECESSARY TO CONSTRUCT IMPROVEMENTS. REFER TO NETTING DWGS FOR ADDITIONAL INFORMATION.
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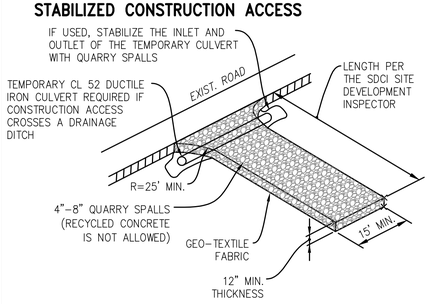
11. TREE PROTECTION SHALL INCLUDE TEMPORARY CHAINLINK OR SIMILAR RIGID FENCING LOCATED AT DRIPLINE OF TREE.

ALL NEW AND REPLACED LAWN AND LANDSCAPE AREAS SHALL RECEIVE POST-CONSTRUCTION SOIL AMENDMENT PER DETAIL 3/SHEET C2.1.

STABILIZED CONSTRUCTION ACCESS



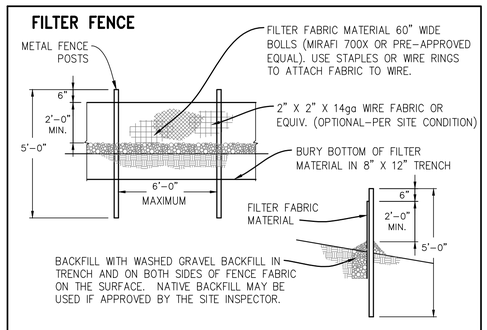
STABILIZED ACCESS SHALL BE USED IN ALL AREAS OF THE SITE WITH VEHICLE TRAFFIC AND PARKING, INCLUDING PLANTING STRIPS. RECYCLED CONCRETE IS NOT ALLOWED.

SYMBOL: (CE)

1/C2.1 **STABILIZED CONSTRUCTION ENTRANCE**

NTS

FILTER FENCE



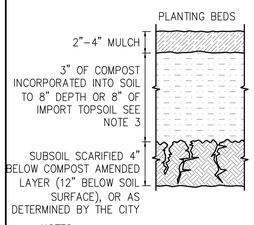
NOTE: ANGLE SILT FENCE BACK UP THE SLOPE AT THE END OF RUN.

SYMBOL: (FF)

2/C2.1 **FILTER FABRIC FENCE**

NTS

SOIL AMENDMENT



NOTES:

1. POST CONSTRUCTION SOIL AMENDMENT IS REQUIRED ON ALL AREAS NOT COVERED BY HARD SURFACE WHERE SOIL IS DISTURBED DURING CONSTRUCTION.
2. SOIL AMENDMENT MUST PASS A 12 INCH MINIMUM PROBE TEST.
3. IMPORT TOPSOIL, IF USED, MUST MEET THE REQUIREMENTS OF THE SEATTLE STORMWATER MANUAL, VOL. 1, SECTIONS 5.1.5.1 AND 5.1.5.3.

SYMBOL: (SA) AREA REQUIRING SOIL AMENDMENT

3/C2.1 **SOIL AMENDMENT**

NTS

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Seattle Parks & Recreation

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JOB: PC / CO

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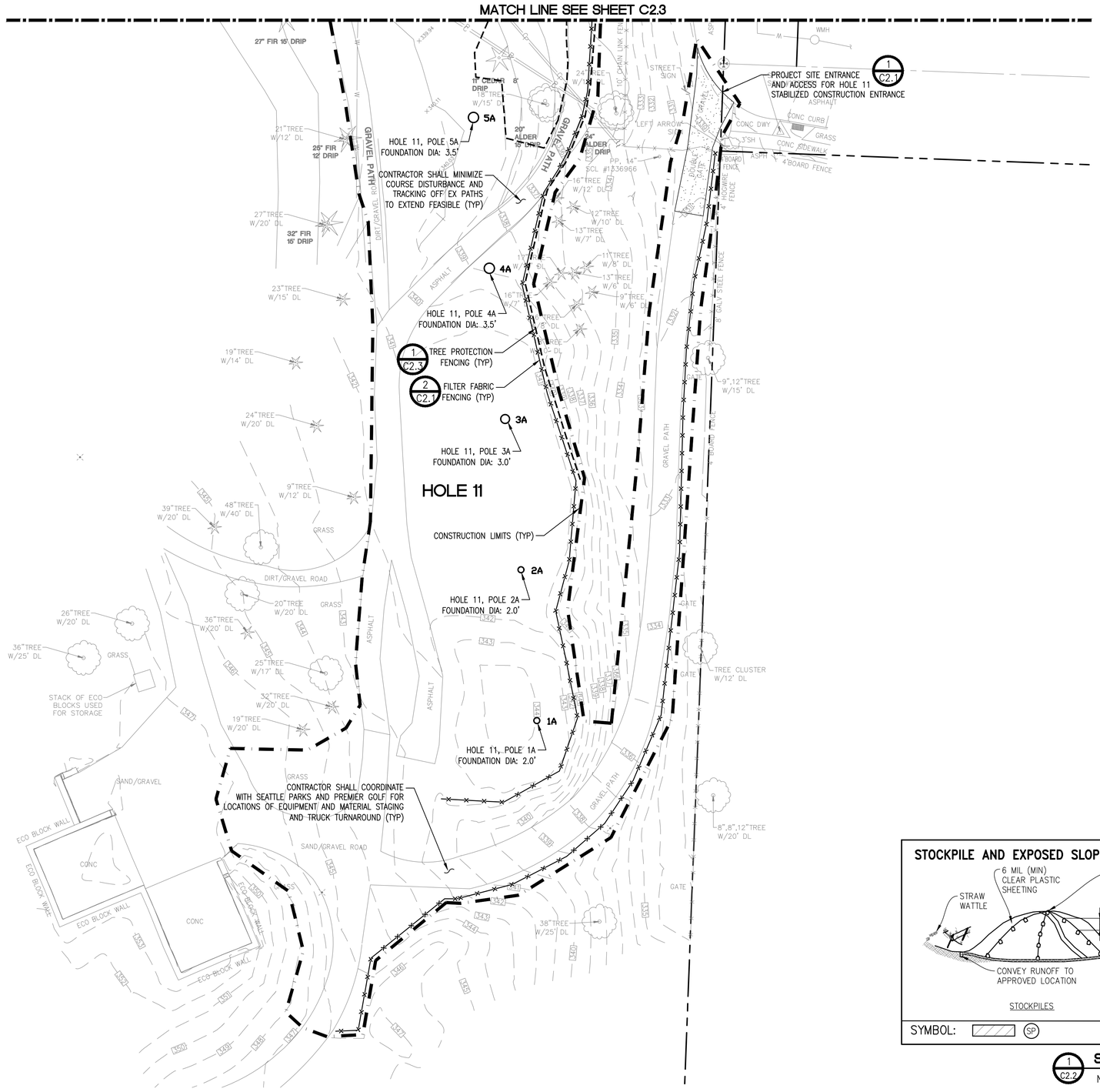

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20 0 20

SCALE: 1" = 20'

DATUM

NAVD 88

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE (1 / C2.1)
- CATCH BASIN PROTECTION
- TREE PROTECTION (1 / C2.3)
- REMOVE TREE
- FILTER FABRIC FENCE (2 / C2.1)
- CONSTRUCTION LIMIT

NOTES

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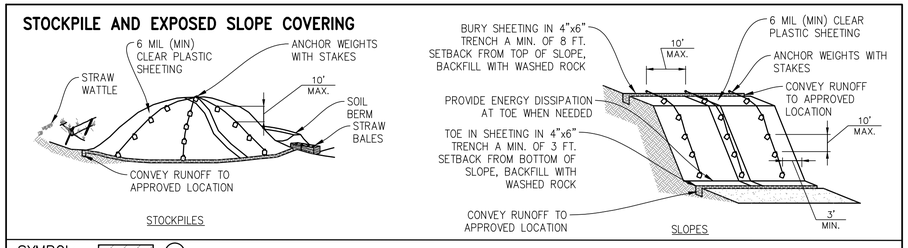
ALL NEW AND REPLACED LAWN AND LANDSCAPE AREAS SHALL RECEIVE POST-CONSTRUCTION SOIL AMENDMENT PER DETAIL 3/SHEET C2.1.

STOCKPILE AND EXPOSED SLOPE COVERING



SYMBOL: (SP)

1 / C2.2 **STOCKPILE AND EXPOSED SLOPE COVERING**

NTS

CSC/SOIL PLAN

VAULT SERIAL #	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
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PENN M. APOSTOL STATE OF WASHINGTON 35163 REGISTERED PROFESSIONAL ENGINEER

Seattle Parks & Recreation

ORDINANCE NO. PW NO.

SCALE: 1" = 20'

JEFFERSON GOLF COURSE RENOVATION

JOB PC CO

VPI #

C2.2

SHEET 4 OF 6

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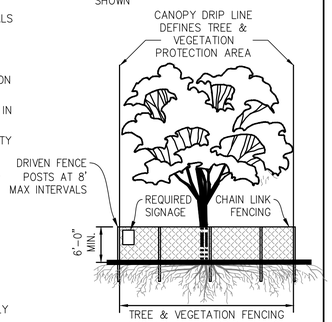
TREE & VEGETATION PROTECTION

TREE PROTECTION FENCING AND SIGN

1. CHAIN LINK FENCE REQUIRED (NO ORANGE CONSTRUCTION FENCE OR PLYWOOD)
2. MINIMUM 6' HIGH
3. FENCE SHALL BE SUPPORTED BY RIGID POSTS DRIVEN INTO THE GROUND AT 8' MAXIMUM INTERVALS
4. MUST BE INSTALLED PRIOR TO DEMOLITION OR GROUND DISTURBANCE
5. KEPT IN PLACE FOR THE DURATION OF CONSTRUCTION
6. NO DUMPING OF ANY MATERIALS IN THE PROTECTION AREA
7. NO SOIL DISTURBANCE OR ACTIVITY ALLOWED WITHIN FENCED AREA: MATERIAL STORAGE/STOCKPILING, PARKING, EXCAVATION, DUMPING, OR WASHING
8. MODIFICATIONS OF THESE REQUIREMENTS BY APPROVAL OF SDCI PLANNER ONLY
9. IF ROOTS GREATER THAN 2 INCH FOUND OUTSIDE OF FENCING, PROTECT BY HAND EXCAVATION AND, IF NECESSARY, CUT CLEANLY AND KEEP MOIST
10. USE 3 INCHES OR DEEPER WOOD CHIP MULCH OUTSIDE FENCED AREAS TO PROTECT FEEDER ROOTS

VEGETATION PROTECTION (DOES NOT APPLY TO TREES)

1. ORANGE MESH OR SIMILAR OPEN MATERIAL
2. PROTECT VEGETATION OUTSIDE CONSTRUCTION ZONE WITH FENCING AS SHOWN



TREE & VEGETATION FENCING AROUND ENTIRE DRIP LINE ON PERMIT SITE. ALTERNATIVE TREE PROTECTION, IF APPROVED BY SDCI, AS SHOWN ON SITE PLAN

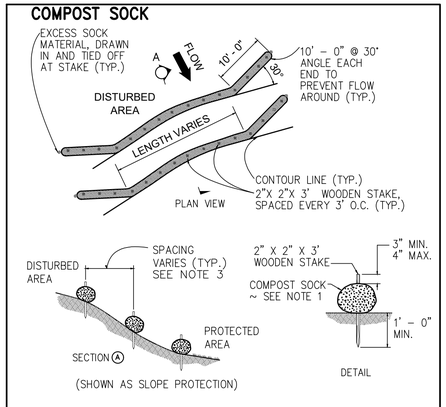
LINK TO REQUIRED TREE PROTECTION SIGNAGE:

SYMBOL: TPF

1/C2.3 TREE PROTECTION

NTS

COMPOST SOCK

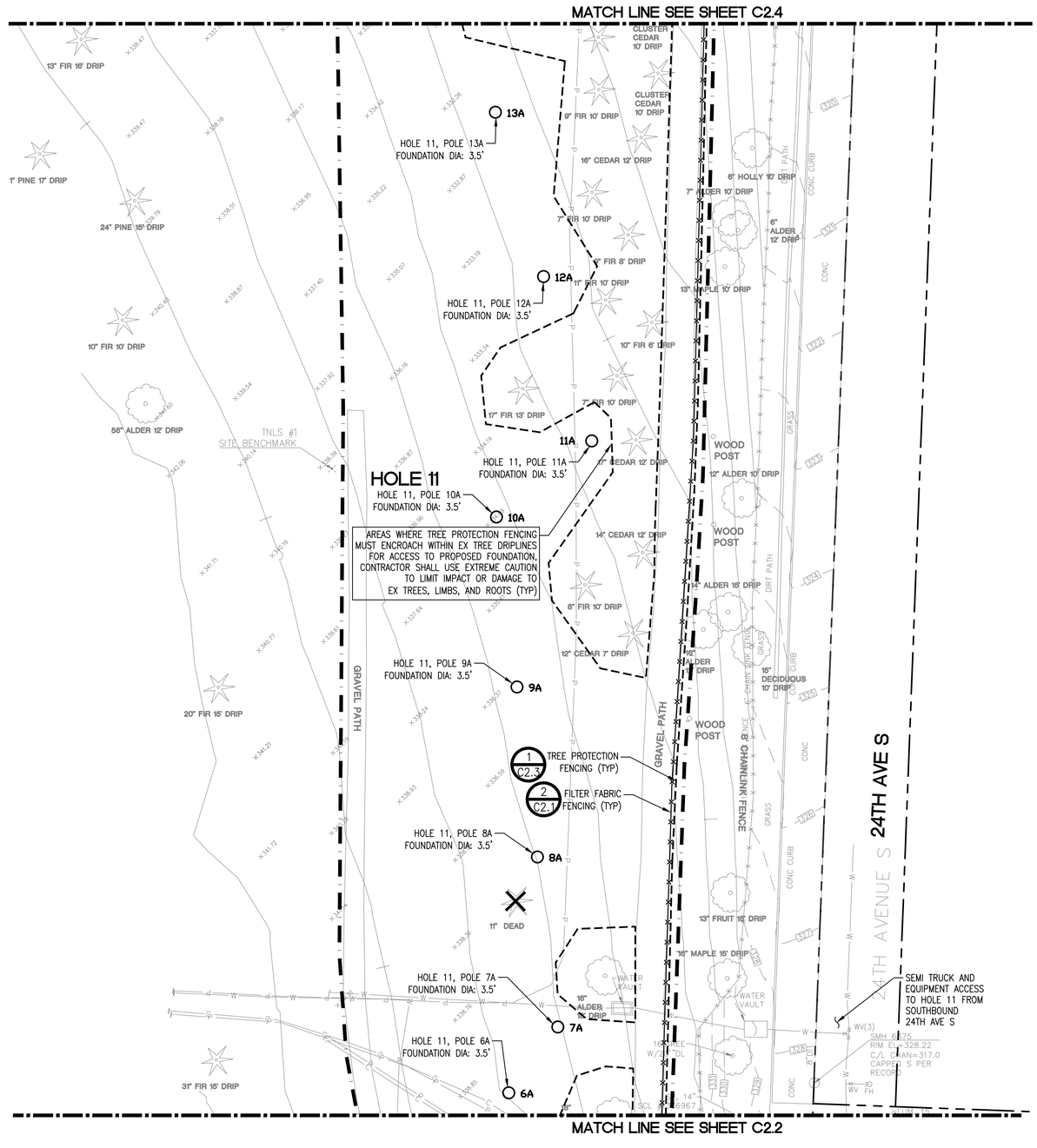


1. COMPOST SOCK SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 9.14.4(9). COMPOST SOCK SHALL BE A MINIMUM OF 10" IN DIAMETER OR SIZED TO SUIT CONDITIONS AS SPECIFIED BY THE ENGINEER.
2. ALWAYS INSTALL COMPOST SOCK PERPENDICULAR TO SLOPE AND ALONG CONTOUR LINES.
3. REMOVE SEDIMENT FROM THE UP SLOPE SIDE OF THE COMPOST SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE COMPOST SOCK.
4. MAY BE USED IN PLACE OF FILTER FENCE FOR PERIMETER CONTROL.

SYMBOL: CS

2/C2.3 COMPOST SOCK

NTS



DATUM

NAVD 88

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PETER M. APOSHOLI — STATE OF WASHINGTON — 35163 — REGISTERED PROFESSIONAL ENGINEER

Seattle Parks & Recreation

ORDINANCE NO. PW NO.

SCALE: 1" = 20'

JEFFERSON GOLF COURSE RENOVATION

JOB: PC CO
VPI #
C2.3
SHEET 5 OF 6

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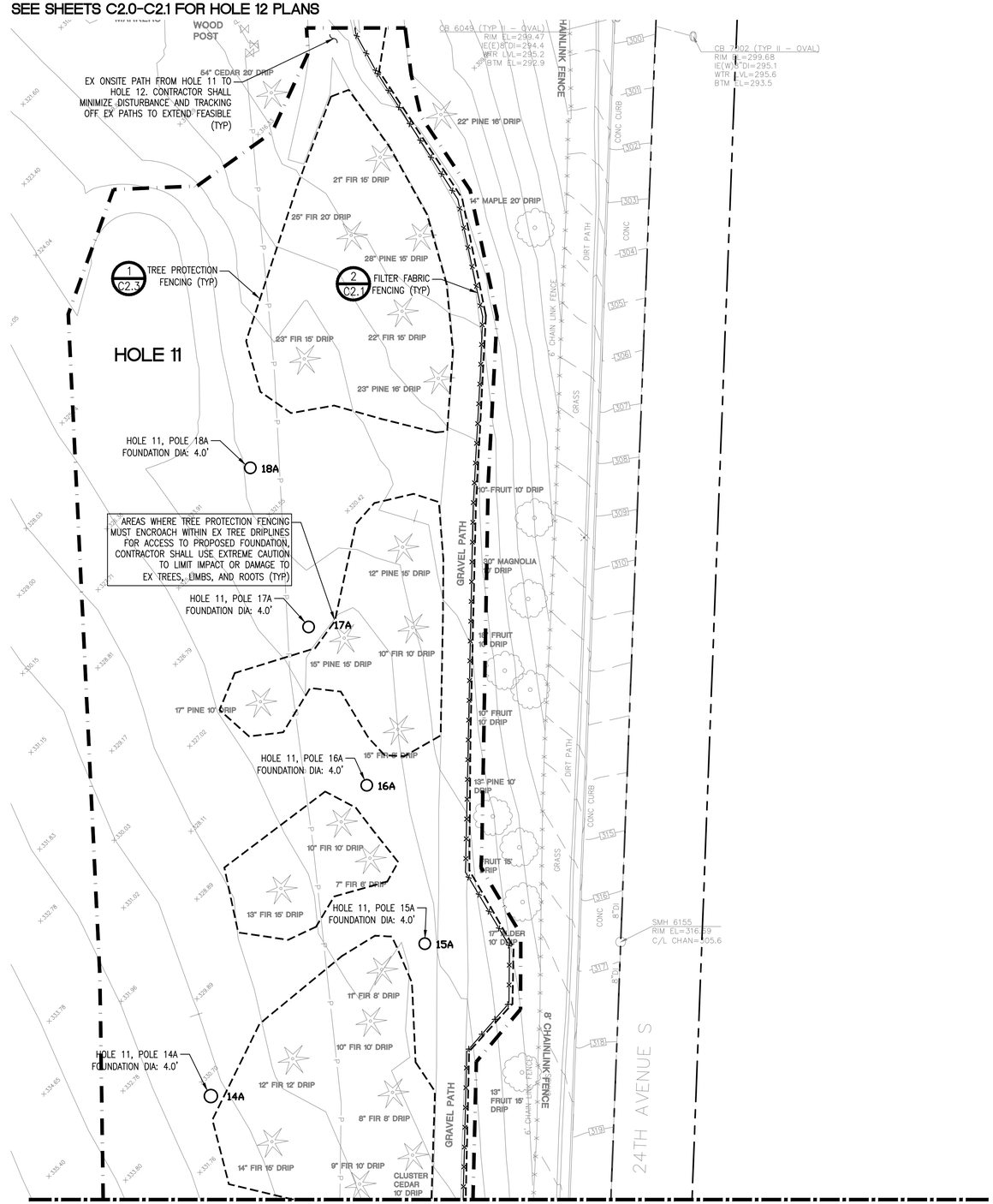
SEE SHEETS C2.0-C2.1 FOR HOLE 12 PLANS



MATCH LINE SEE SHEET C2.3

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SHEET 6	OF 6