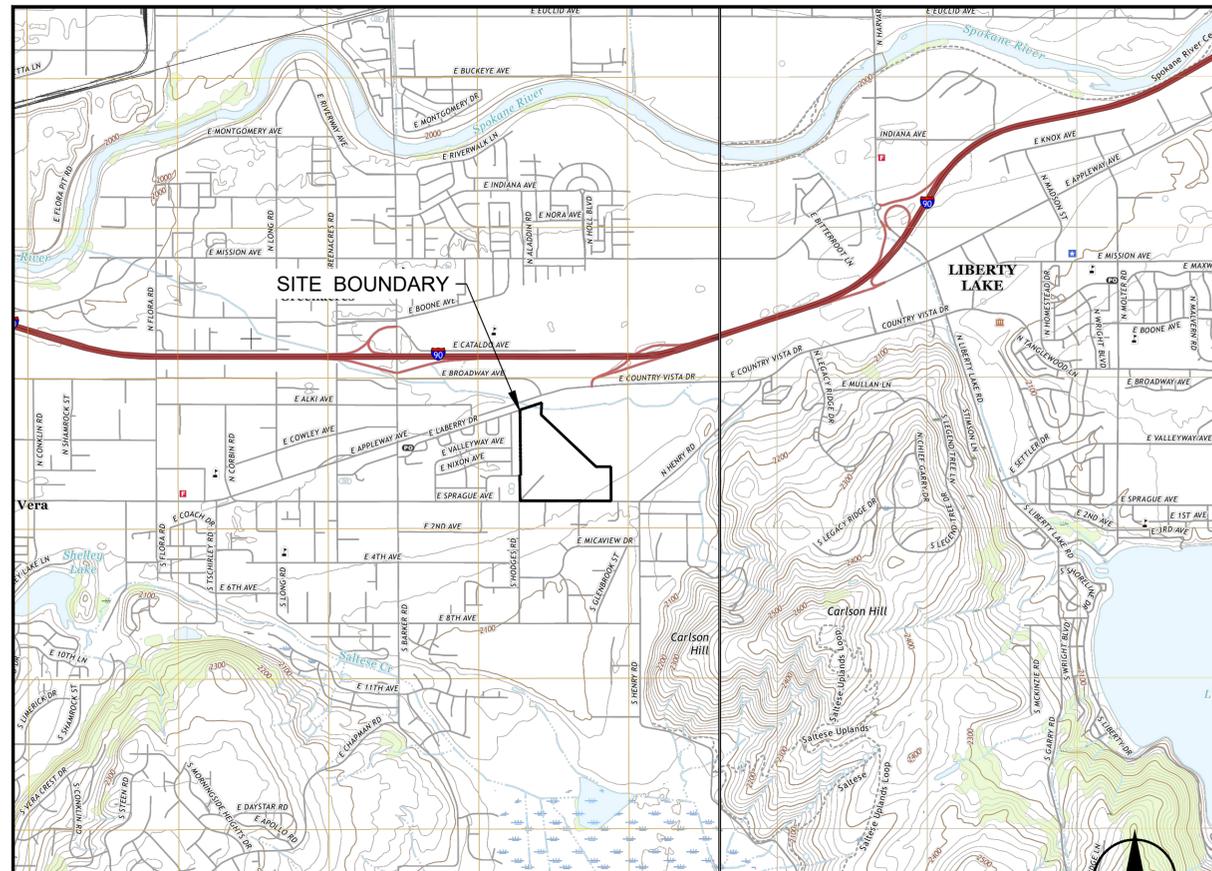


APPENDIX A
Plan Set

FILE TRANSMITTED SEPARATELY

CVSD GUN CLUB CLEANUP PROJECT

**19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY, WASHINGTON**



SITE LOCUS
TOPO SOURCE: USGS TOPOGRAPHIC MAP,
GREENACRES WASHINGTON QUADRANGLE (2020).



SITE AERIAL
MAP SOURCE: IMAGE DATED 13 MAY 2021
TAKEN ELECTRONICALLY FROM NEARMAP US INC.

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

DRAWING INDEX

SHEET NO.	SHEET TITLE	DESCRIPTION
01	G-100	TITLE SHEET AND DRAWING INDEX
02	G-101	GENERAL NOTES AND LEGEND
03	C-100	EXISTING CONDITIONS OVERVIEW
04	C-200	IMPACTED SOILS DEMOLITION PLAN
05	C-300	HAZARDOUS LEAD EXCAVATION PLAN
06	C-301	SITE EXCAVATION PLAN
07	C-302	CONFIRMATION SAMPLING PLAN
08	C-303	IMPACTED SOILS EXCAVATION PLAN FROM 0 TO 3 FEET
09	C-304	IMPACTED SOILS EXCAVATION PLAN GREATER THAN 3 FEET
10	C-305	IMPACTED SOILS FINAL GRADING
11	C-306	REPOSITORY SUBGRADE EXCAVATION PLAN
12	C-307	REPOSITORY FINAL GRADING PLAN
13	C-400	IMPACTED SOILS EXCAVATION AND FILLS SECTIONS 1 OF 2
14	C-401	IMPACTED SOILS EXCAVATION AND FILLS SECTIONS 2 OF 2
15	C-402	REPOSITORY SECTIONS
16	C-500	TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) DETAILS
17	C-501	DETAILS
18	L-101	IRRIGATION PLAN
19	L-201	LANDSCAPE PLAN
20	L-500	DETAILS
21	L-501	DETAILS

REV. 1.
REV. 1

AS-BUILT
AS-BUILT
AS-BUILT

AS-BUILT

NOT CONSTRUCTED
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1	ISSUED FOR ECOLOGY	BD	05/18/23
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CVSD GUN CLUB
CLEANUP PROJECT

19615 E. SPRAGUE AVE.
#9656
SPOKANE VALLEY,
WASHINGTON

TITLE SHEET AND
DRAWING INDEX

G-100

NOTES

GENERAL NOTES

- REFER TO ALL PLAN SHEETS AND THE SPECIFICATIONS WITHIN THIS SET FOR OTHER PERTINENT INFORMATION. IT IS NOT THE OWNER'S INTENT THAT ANY SINGLE SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THE PROJECT.
- CONTRACTOR SHALL LIMIT MACHINERY MOVEMENT TO CONSTRUCTION LIMITS DEFINED ON EXCAVATION PLAN OR IDENTIFIED AS ACCEPTABLE BY ENGINEER AND OWNER.
- CLEARING LIMITS FOR TEMPORARY ACCESS ROAD AND PROPOSED EXCAVATION AND STOCKPILE AREAS SHALL BE LIMITED TO THE AREA REQUIRED FOR SAFE EQUIPMENT OPERATION AS STAKED BY THE CONTRACTOR AND AS APPROVED BY THE ENGINEER AND OWNER.
- CLEARING LIMITS WILL BE STAKED BY CONTRACTOR AND APPROVED BY ENGINEER AND OWNER AT LEAST 3 DAYS PRIOR TO CLEARING ACTIVITIES. CLEARING LIMITS WILL BE STAKED TO MINIMIZE THE AREA OF DISTURBANCE.
- EQUIPMENT USED FOR THIS PROJECT SHALL BE FREE OF EXTERNAL PETROLEUM-BASED PRODUCTS. ACCUMULATION OF SOILS OR DEBRIS SHALL BE REMOVED FROM THE DRIVER MECHANISMS (WHEELS, TRACKS, TIRES, ECT.) AND UNDERCARRIAGE OF EQUIPMENT PRIOR TO ITS ARRIVAL ON THE SITE.
- CONTRACTOR WILL CHECK EQUIPMENT DAILY FOR LEAKS, AND ANY NECESSARY REPAIRS WILL BE COMPLETED PRIOR TO COMMENCING WORK ACTIVITIES.
- CONTRACTOR IS RESPONSIBLE TO ENSURE PETROLEUM PRODUCTS, HYDRAULIC FLUID, CHEMICALS, OR ANY OTHER TOXIC OR DELETERIOUS MATERIALS ARE CONTAINED AND AN APPROPRIATE SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN IS IMPLEMENTED.
- ANY VEHICLE THAT EXITS THE SITE WILL REQUIRE A VISUAL INSPECTION AND POSSIBLY CLEANING OF THE UNDERCARRIAGE AND TIRES TO PREVENT TRACKOUT.
- IT IS ANTICIPATED BOULDERS LARGER THAN 18-INCHES IN DIAMETER WILL BE ENCOUNTERED DURING EXCAVATION ACTIVITIES. BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24-INCHES SHALL BE STOCKPILED IN THE DESIGNATED AREAS SHOWN ON THESE PLAN SHEETS OR AS APPROVED BY THE ENGINEER. BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24-INCHES SHALL NOT BE PLACED IN THE REPOSITORY OR IN EXCAVATED AREAS AS BACKFILL.
- THE CONTRACTOR IS RESPONSIBLE FOR FILLING A NOTICE OF INTENT (NOI) PACKAGE AS WELL AS ACQUIRING AND MAINTAINING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) DURING CONSTRUCTION AND COMPLETING A TRANSFER OF COVERAGE TO THE OWNER UPON COMPLETION OF CONSTRUCTION INCLUDING PAYMENT OF ALL ASSOCIATED FEES FOR THE NOI, SWPPP, AND PERMIT TRANSFER NOTIFICATION (PTN). THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SWPPP DURING CONSTRUCTION INCLUDING THE MAINTENANCE OF BMPs, INSPECTIONS, REPORTING, AND RECORD KEEPING AND PROVIDING ALL DOCUMENTS AND RECORDS TO THE OWNER UPON COMPLETION OF CONSTRUCTION.
- ALL APPLICABLE TEMPORARY EROSION AND SEDIMENT CONTROL BMP'S WILL BE INSTALLED, MONITORED, AND MAINTAINED IN ACCORDANCE WITH THE SWPPP.
- CONTRACTOR SHALL PROTECT ALL UTILITIES AND PROPERTY DISCONNECT OR OTHERWISE DECOMMISSION THOSE WITHIN THE DEMOLITION BOUNDARY.
- CONTRACTOR CAN USE THE EXISTING BUILDINGS AND UTILITIES DURING CONSTRUCTION AS APPROVED BY THE OWNER IN WRITING.

SURVEY AND SURVEY CONTROL NOTES

- SITE TOPOGRAPHY PROVIDED BY J-U-B ENGINEERS, INC DATED 2 AUGUST 2019.
- ALL COORDINATES ARE NAD83 (2011) IN WASHINGTON STATE PLANES, NORTH ZONE, US FOOT, EPOCH 2010.00.
- BENCHMARK/DATUM: WASHINGTON DEPARTMENT OF TRANSPORTATION BRASS DISK SET IN CONCRETE MONUMENT AT GROUND LEVEL, DESIGNATION: GP32090-47, MONUMENT ID: 2312. ELEVATION 2055.31 FT. VERTICAL IS NAVD '88.
- THE ACCURACY OF THE COORDINATES ON THE DRAWINGS ARE RELATIVE TO THE SURVEY DATA THAT WAS PROVIDED TO HALEY AND ALDRICH, INC.
- EIGHT (8) SURVEY CONTROL POINTS WILL BE SET PRIOR TO THE START OF CONSTRUCTION AND THE CORRESPONDING NORTHING, EASTING, AND ELEVATION DATA PROVIDED TO THE CONTRACTOR. MAINTENANCE AND REPLACEMENT OF THESE CONTROL POINTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- EXCAVATION AND FINAL SURFACES AS WELL AS SAMPLING AREAS/GRIDS SHOWN ON THESE PLANS SHALL BE PROVIDED TO THE CONTRACTOR AS TO ENABLE THE USE OF GPS CONTROLLED EQUIPMENT DURING CONSTRUCTION. NO CONSTRUCTION STAKING WILL BE PROVIDED BY THE ENGINEER OR OWNER OTHER THAN THE CONTROL POINTS PREVIOUSLY MENTIONED.

EXISTING UTILITIES

- CONTRACTOR WILL CALL 811 AND COMPLETE A PRIVATE LINE UTILITY LOCATE PRIOR TO EXCAVATING ACTIVITIES TO LOCATE ON-SITE UTILITIES. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES. THE ENGINEER DOES MAKE ANY REPRESENTATION AS TO EXISTENCE OR NON-EXISTENCE OF UTILITIES WITHIN THE PROJECT AREA.
- CONTRACTOR WILL PROTECT ALL EXISTING UTILITIES AND PUBLIC ROADWAYS, INCLUDING ANY NOT SHOWN ON THESE DRAWINGS. ANY DAMAGE TO EXISTING UTILITIES AND ROADS CAUSED BY EXCAVATION, GRADING, OR HAULING OPERATIONS BY CONTRACTOR WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

LEGEND

-  AREA OF TREE REMOVAL
-  BUILDING
-  CLAY DEBRIS BOUNDARY
-  CONCRETE BUNKER
-  CONFIRMATION SAMPLING UNIT
-  COVER SOIL
-  DEMOLITION BOUNDARY
-  DPT SOIL BORINGS (B-X)
-  EXISTING CHAIN LINK FENCE
-  EXISTING GROUND
-  EXISTING GROUND CONTOURS
-  HAND AUGER SAMPLE
-  HAZARDOUS LEAD AREA
-  HAZARDOUS LEAD SAMPLING UNIT
-  LEAD RECOVERY STOCKPILE AREA
-  OVERHEAD POWER LINE
-  PROPOSED CONTOURS
-  SITE BOUNDARY
-  SONIC BORINGS (SB-X)
-  STOCKPILE SAMPLE
-  STRAW WATTLES
-  TEST PIT (TP-XX)
-  TOP SOIL
-  WASTE DELINEATOR (VISUAL IDENTIFIER LAYER)
-  WASTE MATERIAL

ABBREVIATIONS

AOC	AREA OF CONCERN
APPROX.	APPROXIMATE
B	DPT SOIL BORING
BCY	BANK CUBIC YARD
BGS	BELOW GROUND SURFACE
CY OR CU. YD.	CUBIC YARD
DPT	DIRECT PUSH TECHNOLOGY DRILL RIG BORING
EL	ELEVATION
FT (')	FEET
HP	HIGH POINT
IN. (")	INCH
L	LENGTH
MAX.	MAXIMUM
MIN.	MINIMUM
NO.	NUMBER
RV	RECREATIONAL VEHICLE
SB	SONIC DRILL RIG BORING
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TP	TEST PIT
TYP.	TYPICAL



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Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
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CLEANUP PROJECT
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SPOKANE VALLEY,
WASHINGTON

GENERAL NOTES AND LEGEND

G-101



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 Date: 10/24/2023 9:58 AM
 Sheet: 03 of 100
 Project: 10242023-0014_GUN CLUB CLEANUP C-100.DWG

NOTES

1. CONTRACTOR SHALL CONFIRM LOCATION OF OVERHEAD POWER LINES AND FENCES.
2. THE LEAD RECOVERY STOCKPILE AREAS INCLUDE ABOUT 40 CONE SHAPED STOCKPILES APPROXIMATELY 32 INCHES TALL AND 5 FEET IN DIAMETER THAT ARE SUSPECTED TO CONTAIN HAZARDOUS LEVELS OF LEAD. THE SHAPES AND SIZES OF THESE STOCKPILES VARY. THE TOTAL VOLUME OF MATERIAL WITHIN ALL THREE AREAS IS ESTIMATED TO BE 25 CUBIC YARDS.



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CVSD GUN CLUB
 CLEANUP PROJECT
 19615 E. SPRAGUE AVE. #9656
 SPOKANE VALLEY,
 WASHINGTON

EXISTING
CONDITIONS
OVERVIEW

C-100

Sheet: 03 of 21





NOTES

1. REMOVE CONCRETE SHOOTING PADS, SIDEWALKS, AND TREES WITHIN 20 FT OF THE EXCAVATION LIMITS.
2. DEMOLITION SHALL INCLUDE THE REMOVAL OF CONCRETE SIDEWALKS, CONCRETE PATHWAYS, CONCRETE BENCHES, ASPHALT AND CONCRETE BUNKERS FROM THE EXCAVATION AREA. ALL CONCRETE WILL BE PLACED IN THE BOTTOM OF THE REPOSITORY OR AS APPROVED BY THE ENGINEER. THIS INCLUDES BOTH CONCRETE WITH AND WITHOUT REBAR.
3. ONLY CONCRETE, CLAY PIGEON BIER, EXCAVATED SOILS, AND NON WOODY VEGETATION (I.E. GRASS) WILL BE ALLOWED IN THE REPOSITORY. NO TREES, WOOD DEBRIS, DIMENSIONAL LUMBER, PIPE, ELECTRICAL LINES OR OTHER MATERIAL SHALL BE PLACED IN THE REPOSITORY WITHOUT PRIOR WRITTEN PERMISSION BY THE ENGINEER. WOOD CHIPS RESULTING FROM STUMP GRINDING SHALL BE EXCEPT FROM THIS REQUIREMENT AND ALLOWED TO BE PLACED WITHIN THE REPOSITORY ALONG WITH IMPACTED SOILS, CONCRETE, CLAY PIGEON DEBRIS, AND GRASS. WOOD CHIPS GENERATED 6-INCHES OR GREATER ABOVE THE GROUND WILL NOT BE ALLOWED IN THE REPOSITORY.
4. TREES WITHIN THE DEMOLITION BOUNDARY SHALL BE CUT FLUSH 6 INCHES OR LESS FROM THE GROUND, CHIPPED, AND STOCKPILED AS SHOWN OR AS OTHERWISE APPROVED BY THE ENGINEER. STUMPS SHALL BE REMOVED TO BELOW THE BOTTOM OF EXCAVATION BY GRINDING OR BY OTHER METHODS APPROVED BY THE ENGINEER.
5. ALL DEMOLITION AND CLEARING AND GRUBBING DEBRIS NOT ALLOWED IN THE REPOSITORY SHALL BE HAULED TO A LANDFILL, RECYCLING CENTER, OR OTHER FACILITY PREAPPROVED BY THE ENGINEER FOR DISPOSAL IN WRITING. DEBRIS EXPECTED TO BE GENERATED AS A RESULT OF THE WORK INCLUDES DIMENSIONAL LUMBER, TREATED WOOD, CONDUIT, PIPE AND WIRE.
6. THERE ARE 18 CONCRETE CLAY PIGEON BUNKERS APPROXIMATELY 13 FEET LONG, 8 FEET WIDE AND 6 FEET TALL, EACH WITH REBAR REINFORCEMENT IN THE WALLS AND CEILING TO BE REMOVED. THE BUNKERS HAVE CONCRETE FLOORS WHICH MAY ALSO HAVE REBAR REINFORCEMENT. THE BUNKERS VARY IN SIZE, THE LEVEL OF DETERIORATION, AND CONSTRUCTION MATERIALS. APPROXIMATELY 100 FEET IN FRONT OF EACH BUNKER TO THE SOUTHWEST THERE IS A CONCRETE PAD AND BENCH ASSOCIATED WITH EACH SHOOTING STATION TO BE REMOVED. SOME OF THESE BENCHES HAVE A COVERED ROOF, TABLES AND OTHER APPURTENANCES TO BE REMOVED.
7. IN ADDITION TO THE CONCRETE AND ASPHALT ASSOCIATED WITH THE REMOVAL OF BUILDINGS THERE IS APPROXIMATELY 30,000 SQUARE FEET OF CONCRETE WALKWAYS, SIDEWALKS, AND ASPHALT PADS TO BE REMOVED. THIS INCLUDES SHOOTING PADS, ELECTRICAL PADS AND OTHER CONCRETE FLATWORK.
8. CONTRACTOR SHALL REMOVE LIGHT POLES (3 STEEL AND 5 WOOD) DURING DEMOLITION WITH OFF SITE DISPOSAL OR RECYCLING AS APPROVED BY THE ENGINEER.
9. CONTRACTOR SHALL HAVE AN ELECTRICIAN PERMANENTLY CLOSE, CAP, LOCKOUT OR OTHERWISE DECOMMISSION ANY ELECTRICAL LINES PRIOR TO DEMOLITION ACTIVITIES IN ACCORDANCE WITH ALL APPLICABLE STATE, FEDERAL, AND LOCAL REQUIREMENTS.
10. CONTRACTOR SHALL FIELD VERIFY ALL DEMOLITION AND CLEARING AND GRUBBING WITHIN THE LIMITS OF DEMOLITION/CLEARING AND GRUBBING AS MULTIPLE BENCHES, POSTS, AWNINGS, TABLES, TREES, RECREATIONAL VEHICLE (RV) HOOKUPS, AND MISCELLANEOUS APPURTENANCES ARE INCLUDED.
11. DEMOLITION INCLUDES REMOVAL OF THE FENCES NORTHEAST OF THE BUNKERS AND WITHIN THE REPOSITORY FOOTPRINT.
12. NOT ALL DEMOLITION DETAILS WITHIN THE DEMOLITION BOUNDARY ARE SHOWN. REFER TO THE CONTRACT SPECIFICATIONS.



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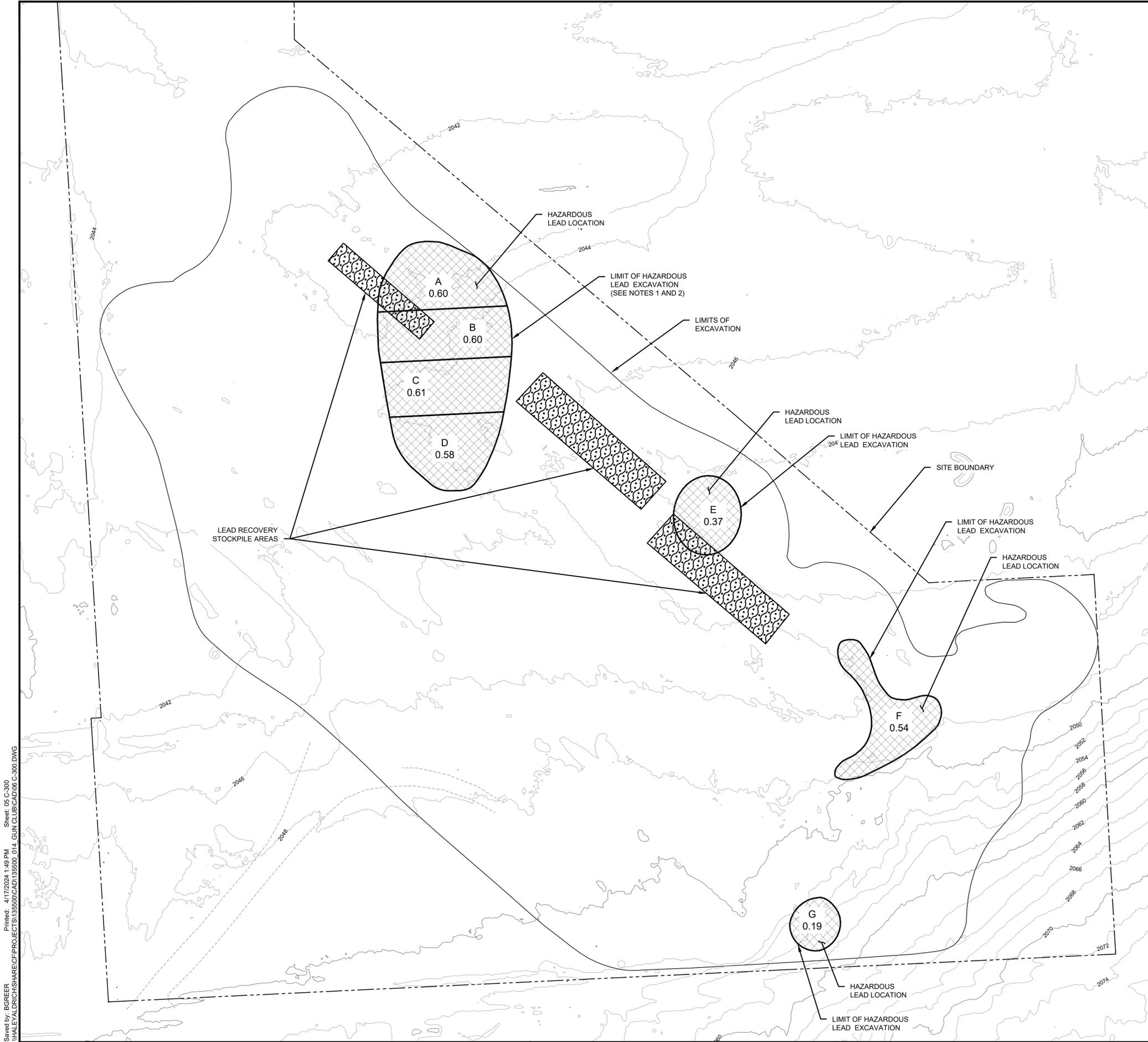
Rev.	Description	By	Date
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CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE.
#9656
SPOKANE VALLEY,
WASHINGTON

IMPACTED SOILS
DEMOLITION PLAN

C-200

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 Date: 10/24/2023 9:58 AM
 Sheet: 04 of 21
 Project: 10242023 9:58 AM
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NOTES

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. THE TOP 12-INCHES OF EACH HAZARDOUS LEAD SAMPLE UNIT SHALL BE SAMPLED TO DETERMINE IF TREATMENT FOR THE STABILIZATION OF LEACHABLE LEAD IS REQUIRED. IF REQUIRED, TREATED SOILS MUST BE APPROVED BY THE ENGINEER PRIOR TO REMOVAL AND PLACEMENT IN THE REPOSITORY.
3. THE LEAD RECOVERY STOCKPILE AREAS INCLUDE ABOUT 25 CUBIC YARDS OF MATERIAL IN SMALL WINDROWS AND CONE SHAPED PILES TO BE TREATED FOR THE STABILIZATION OF LEACHABLE LEAD.
4. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER IN WRITING BEFORE GENERAL EXCAVATION OF NON-HAZARDOUS SOILS CAN BEGIN WITHIN ANY HAZARDOUS LEAD SAMPLE UNIT OR ANY SAMPLE UNIT THAT REQUIRED TREATMENT OF SOILS FOR LEACHABLE LEAD.

LEGEND

A	SAMPLE UNIT ID
0.39	AREA (ACRES)

HAZARDOUS LEAD	
UNIT ID	AREA (AC.)
A	0.60
B	0.60
C	0.61
D	0.58
E	0.37
F	0.54
G	0.19
TOTAL	3.49



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2	FOR CONSTRUCTION	BMG	04/17/24
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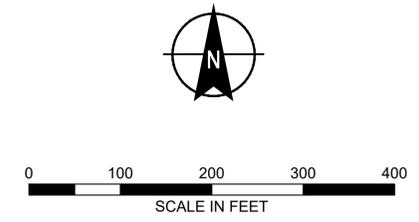
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HAZARDOUS LEAD EXCAVATION PLAN

C-300

Sheet: 05 of 21

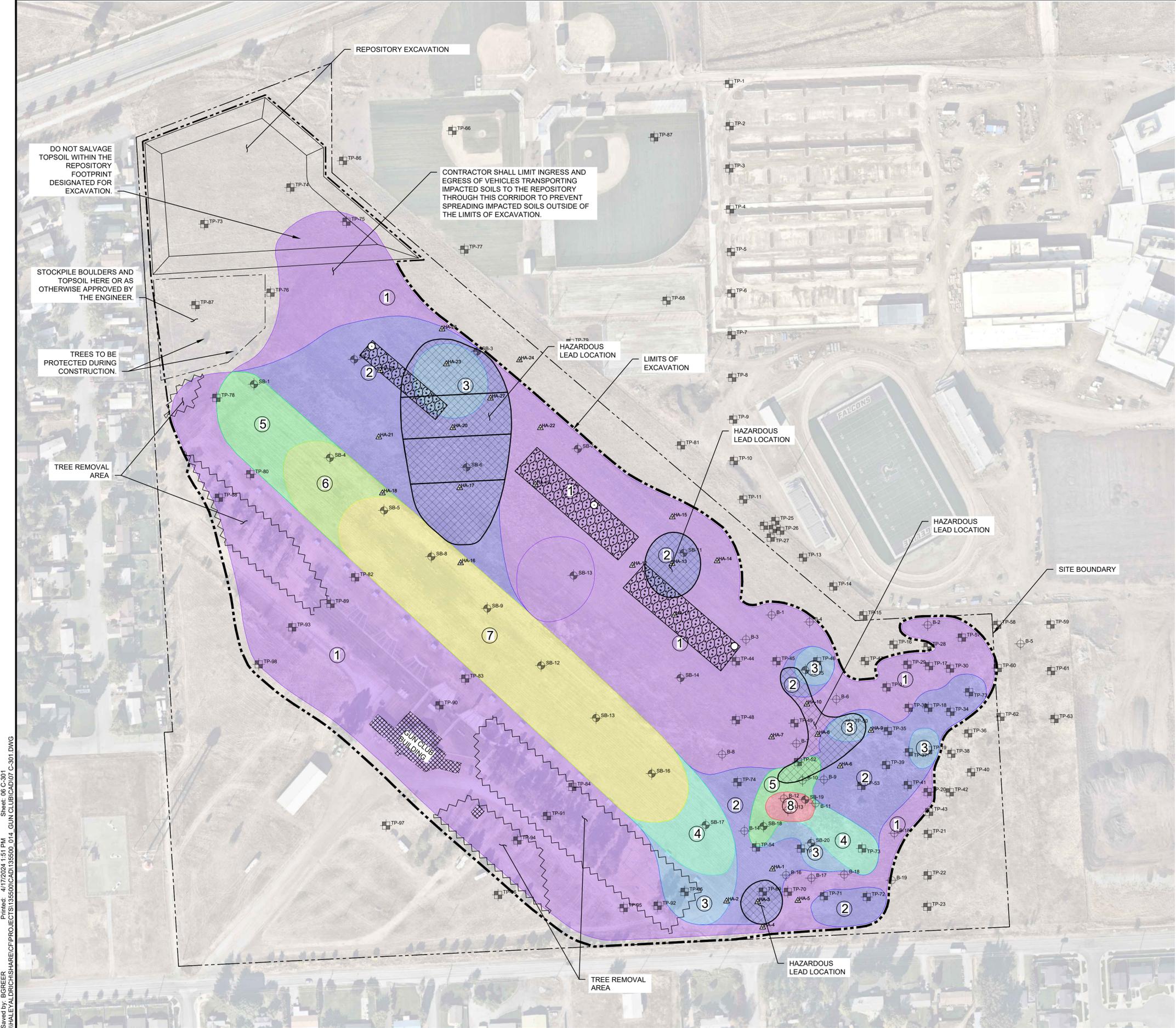
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 Sheet: 05 of 21
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SOIL REMOVAL CUT TABLE			
NUMBER	CUT DEPTH (FT)	COLOR	VOLUME OF CUT (BCY)
①	1		37,655
②	2		25,984
③	3		8,823
④	4		7,291
⑤	5		10,741
⑥	6		8,072
⑦	7		54,570
⑧	10		2,704
TOTAL			155,840

NOTES

- REPOSITORY EXCAVATION NOT INCLUDED IN THE TABLE ABOVE.
- AREA 2 IN THE TABLE ABOVE ONLY INCLUDES THE VOLUME OF CUT FROM 1 TO 2 FEET BGS BECAUSE THE VOLUME FROM 0 TO 1 FEET IS INCLUDED IN AREA 1.
- AREA 3 IN THE TABLE ABOVE ONLY INCLUDES THE VOLUME OF CUT FROM 2 TO 3 FEET BGS BECAUSE THE VOLUME FROM 0 TO 2 FEET IS INCLUDED IN AREA 1 AND AREA 2.
- CONTRACTOR SHALL STABILIZE HAZARDOUS LEAD LOCATIONS IN SITU OR AS APPROVED BY THE ENGINEER PRIOR TO EXCAVATION OF IMPACTED SOILS WITHIN THE LIMITS OF HAZARDOUS LEAD EXCAVATION.
- IMPACTED SOILS SHALL NOT BE TRANSPORTED OUTSIDE OF THE LIMITS OF EXCAVATION.
- CONTRACTOR SHALL REMOVE AND STOCKPILE TOPSOIL WITHIN THE APPROVED STOCKPILE LOCATION AND REVEGETATE THE DISTURBED AREA IN ACCORDANCE WITH THE SPECIFICATIONS.



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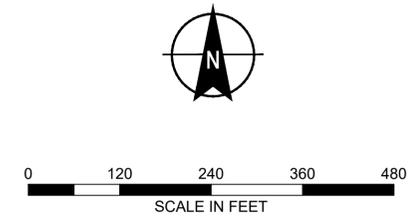


2	FOR CONSTRUCTION	BMG	04/17/24
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SITE EXCAVATION PLAN

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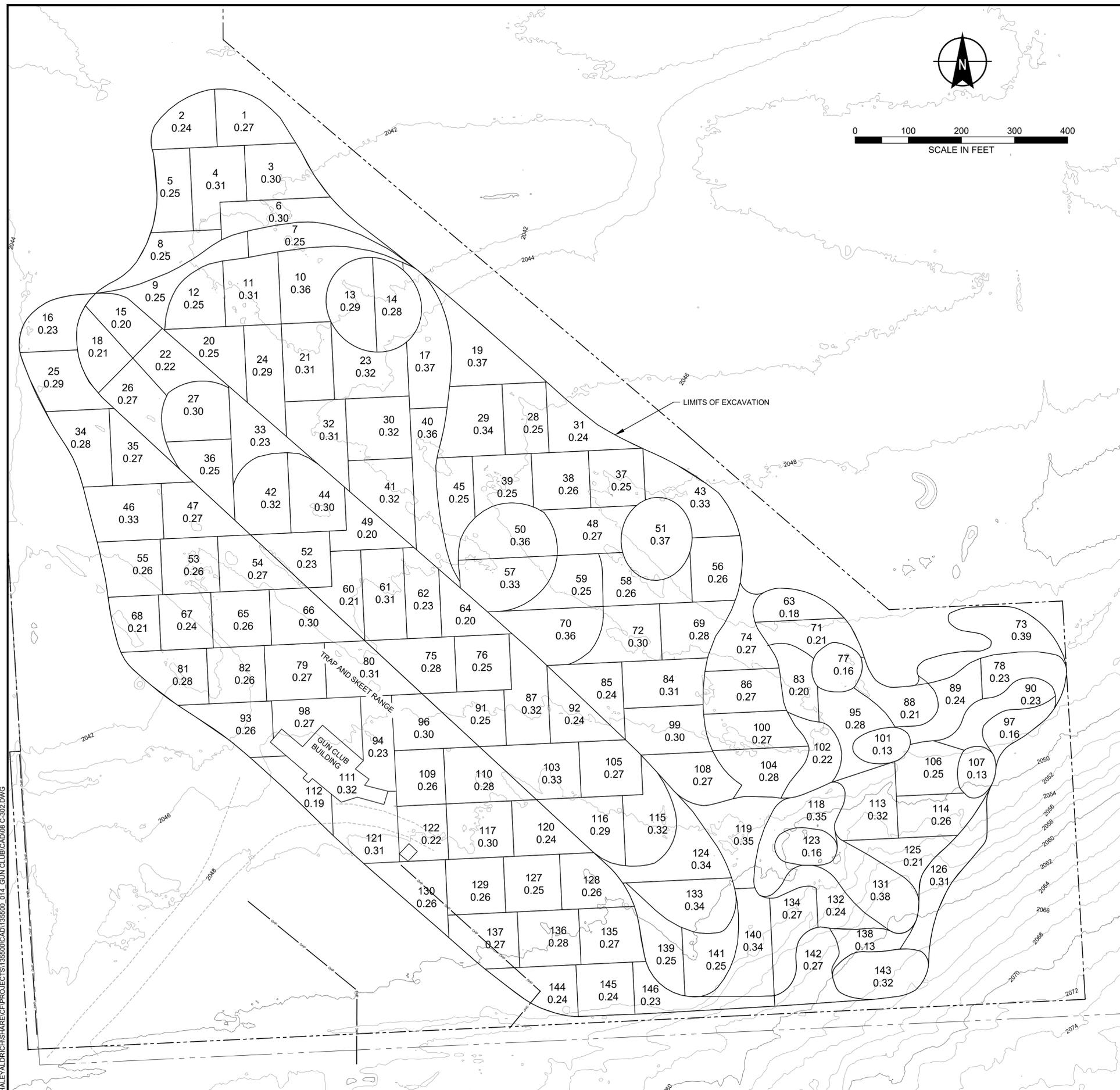
NOTES

1. CONTRACTOR IS RESPONSIBLE FOR SURVEYING AND DELINEATING THE LIMITS OF THE SAMPLE UNITS SHOWN, AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL NOT BACKFILL WITHIN THE LIMITS OF ANY INDIVIDUAL SAMPLING UNTIL RECEIVING APPROVAL BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CONFIRMATION SAMPLING AT LEAST 2 WORKING DAYS IN ADVANCE FOR EACH SAMPLING UNIT.
4. ALLOW UP TO 5 DAYS FOR THE ENGINEER TO COLLECT CONFIRMATION SAMPLES FOLLOWING IMPACTED SOIL EXCAVATION AND 10 TO 15 DAYS FOR ANALYTICAL RESULTS. CONFIRMATION SAMPLING RESULTS ARE EXPECTED TO TAKE BETWEEN 10 AND 15 DAYS, POSSIBLY LONGER. THE EXACT NUMBER OF DAYS REQUIRED WILL NOT BE KNOWN UNTIL THE FIRST SAMPLES ARE PROCESSED AND COULD VARY BETWEEN SAMPLING UNITS DEPENDING ON SHIPPING AND MOISTURE CONTENT. THE CONTRACTOR SHALL PLAN THE WORK ACCORDINGLY.
5. ONCE A SAMPLING UNIT IS DESIGNATED FOR CONFIRMATION SAMPLING IMPACTED SOILS SHALL NO LONGER BE TRANSPORTED THROUGH THAT SAMPLING UNIT.
6. CLEAN BACKFILL FROM THE REPOSITORY CAN BE STOCKPILED ADJACENT TO SAMPLING UNITS OUTSIDE THE LIMITS OF EXCAVATION IN LOCATIONS APPROVED BY THE ENGINEER.

LEGEND

- 73 SAMPLE UNIT ID
- 0.39 AREA (ACRES)

UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)	UNIT ID	AREA (AC.)
1	0.27	59	0.25	117	0.30
2	0.24	60	0.21	118	0.35
3	0.30	61	0.31	119	0.35
4	0.31	62	0.23	120	0.24
5	0.25	63	0.18	121	0.31
6	0.30	64	0.20	122	0.22
7	0.25	65	0.26	123	0.16
8	0.25	66	0.30	124	0.34
9	0.25	67	0.24	125	0.21
10	0.36	68	0.21	126	0.31
11	0.31	69	0.28	127	0.25
12	0.25	70	0.36	128	0.26
13	0.29	71	0.21	129	0.26
14	0.28	72	0.30	130	0.26
15	0.20	73	0.39	131	0.38
16	0.23	74	0.27	132	0.24
17	0.37	75	0.28	133	0.34
18	0.21	76	0.25	134	0.27
19	0.37	77	0.16	135	0.27
20	0.25	78	0.23	136	0.28
21	0.31	79	0.27	137	0.27
22	0.22	80	0.31	138	0.13
23	0.32	81	0.28	139	0.25
24	0.29	82	0.26	140	0.34
25	0.29	83	0.20	141	0.25
26	0.27	84	0.31	142	0.27
27	0.30	85	0.24	143	0.32
28	0.25	86	0.27	144	0.24
29	0.34	87	0.32	145	0.24
30	0.32	88	0.21	146	0.23
31	0.24	89	0.24	TOTAL	39.42
32	0.31	90	0.23		
33	0.23	91	0.25		
34	0.28	92	0.24		
35	0.27	93	0.26		
36	0.25	94	0.23		
37	0.25	95	0.28		
38	0.26	96	0.30		
39	0.25	97	0.16		
40	0.36	98	0.27		
41	0.32	99	0.30		
42	0.32	100	0.27		
43	0.33	101	0.13		
44	0.30	102	0.22		
45	0.25	103	0.33		
46	0.33	104	0.28		
47	0.27	105	0.27		
48	0.27	106	0.25		
49	0.20	107	0.13		
50	0.36	108	0.27		
51	0.37	109	0.26		
52	0.23	110	0.28		
53	0.26	111	0.32		
54	0.27	112	0.19		
55	0.26	113	0.32		
56	0.26	114	0.26		
57	0.33	115	0.32		
58	0.26	116	0.29		



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 Date: 10/24/2023 9:59 AM
 Sheet: 07 of 21
 Project: 101242023-001
 File: \\H:\ALDRICH\SHARE\PROJECTS\155500\CAD\155500_014_GUN CLUB\CAD\08-C-302.DWG

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

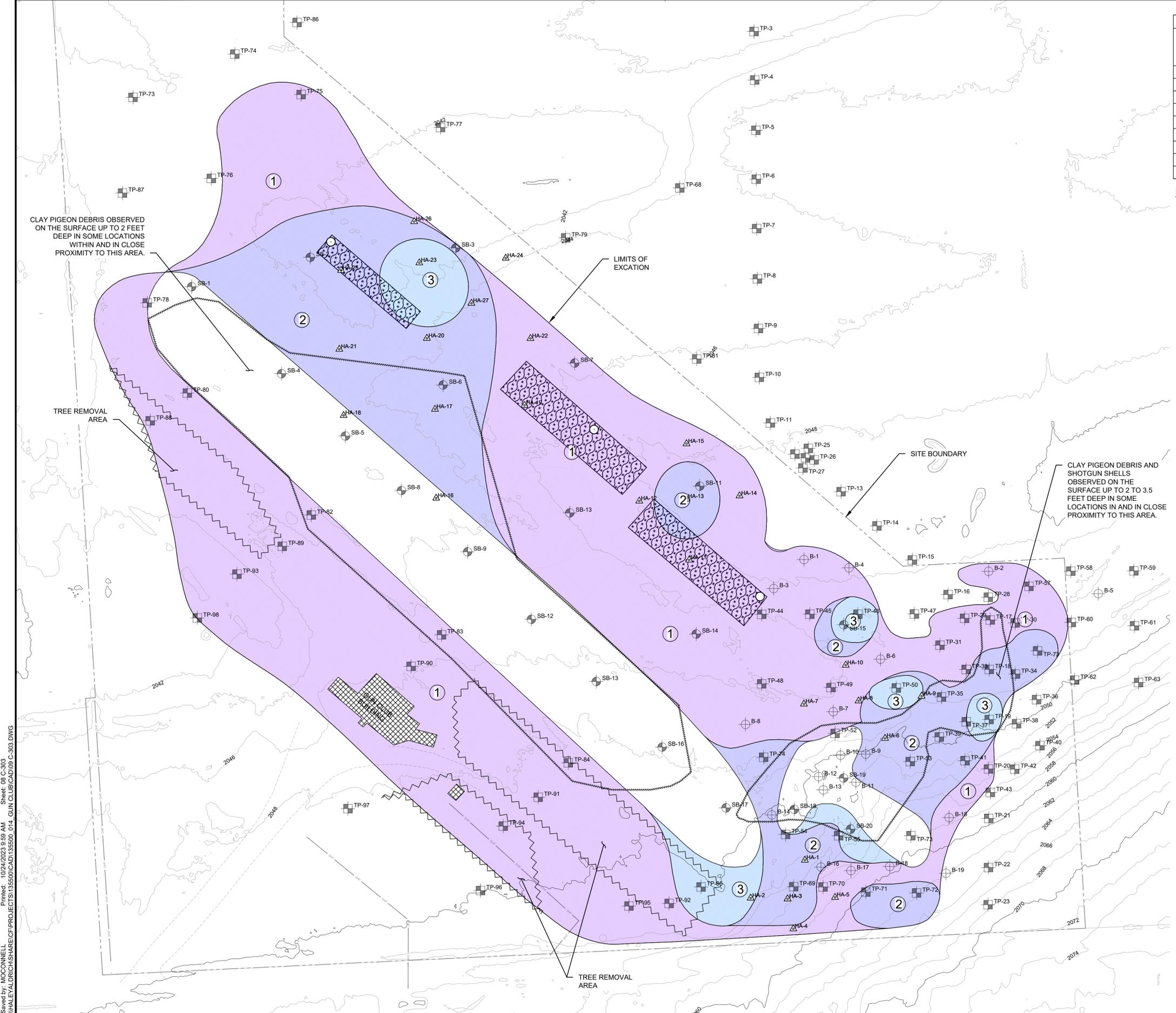
CVSD GUN CLUB
 CLEANUP PROJECT
 19615 E. SPRAGUE AVE. #9656
 SPOKANE VALLEY,
 WASHINGTON

CONFIRMATION SAMPLING PLAN

SOIL REMOVAL CUT TABLE			
NUMBER	CUT DEPTH (FT)	COLOR	VOLUME OF CUT (BCY)
①	1	Light Purple	37,655
②	2	Blue	25,984
③	3	Light Blue	8,823
④	4	Light Green	7,291
⑤	5	Green	10,741
⑥	6	Light Yellow	8,072
⑦	7	Yellow	7,570
⑧	10	Red	2,704
TOTAL			155,840

NOTES

- REMOVE CLAY PIGEON DEBRIS, CONCRETE SHOOTING PADS, SIDEWALKS, AND TREES WITHIN EXCAVATION LIMITS.
- CONCRETE AND CLAY PIGEON DEBRIS REMOVED IS TO BE PLACED IN THE REPOSITORY IN ACCORDANCE WITH THE SPECIFICATIONS.
- VERTICAL CUT SLOPES HAVE BEEN ASSUMED IN THE BCY VOLUMES CALCULATED FOR THE 0-3 FEET EXCAVATION.



Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23
Rev.	Description	By	Date

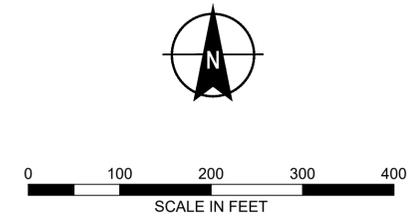
CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY,
WASHINGTON

IMPACTED SOILS
EXCAVATION PLAN
FROM 0 TO 3 FEET

C-303

Sheet: 08 of 21

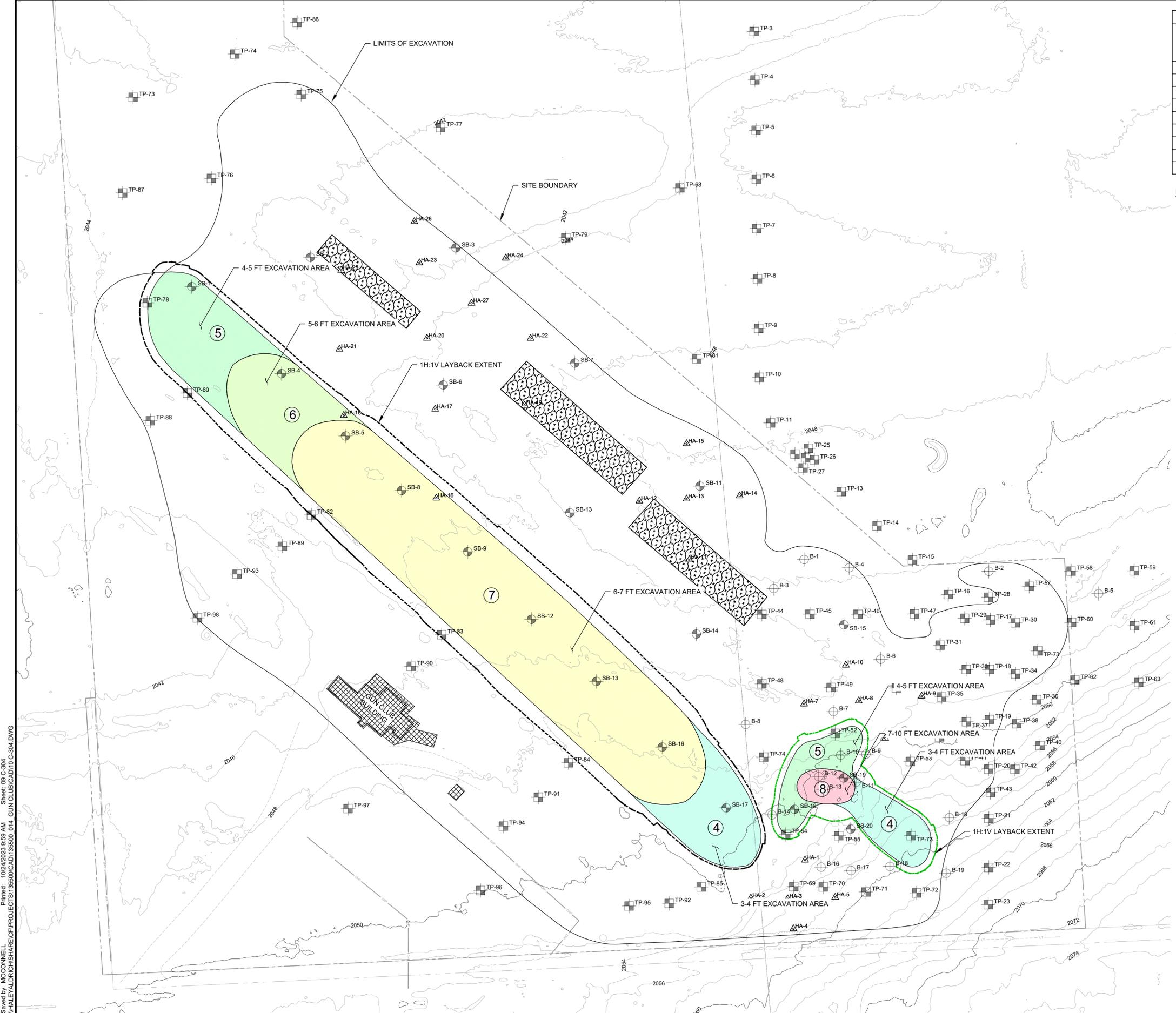
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 Project: 10/24/2023 9:59 AM
 Sheet: 08 of 21
 HALEY & ALDRICH\SHARE\PROJECTS\195500\CAD\132926_014_GUN CLUB\CAD\08 C-303.DWG



SOIL REMOVAL CUT TABLE			
NUMBER	CUT DEPTH (FT)	COLOR	VOLUME OF CUT (BCY)
1			37,655
2		NOT SHOWN ON THIS SHEET	25,984
3			8,823
4	4		7,291
5	5		10,741
6	6		8,072
7	7		54,570
8	10		2,704
TOTAL			155,840

NOTES

1. REMOVE CLAY PIGEON DEBRIS, CONCRETE SHOOTING PADS, SIDEWALKS, AND TREES WITHIN EXCAVATION LIMITS.
2. CONCRETE AND CLAY PIGEON DEBRIS REMOVED IS TO BE PLACED IN THE REPOSITORY IN ACCORDANCE WITH THE SPECIFICATIONS.
3. CUT SLOPES OF 1H:1V HAVE BEEN ASSUMED IN BCY VOLUMES CALCULATED FOR THE EXCAVATION GRATER THAN 3 FEET BGS. SHOWN ON THIS SHEET AS LAYBACK EXTENT.
4. EXCAVATIONS OVER 4 FEET IN DEPTH SHALL BE SHORED OR LAID BACK IN ACCORDANCE WITH THE CONTRACTORS EXCAVATION PLAN AND HEALTH AND SAFETY PLAN.



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 Date: 10/24/2023 9:59 AM
 Sheet: 09 of 21
 Project: 202349-001
 Title: CVSD GUN CLUB CLEANUP PROJECT
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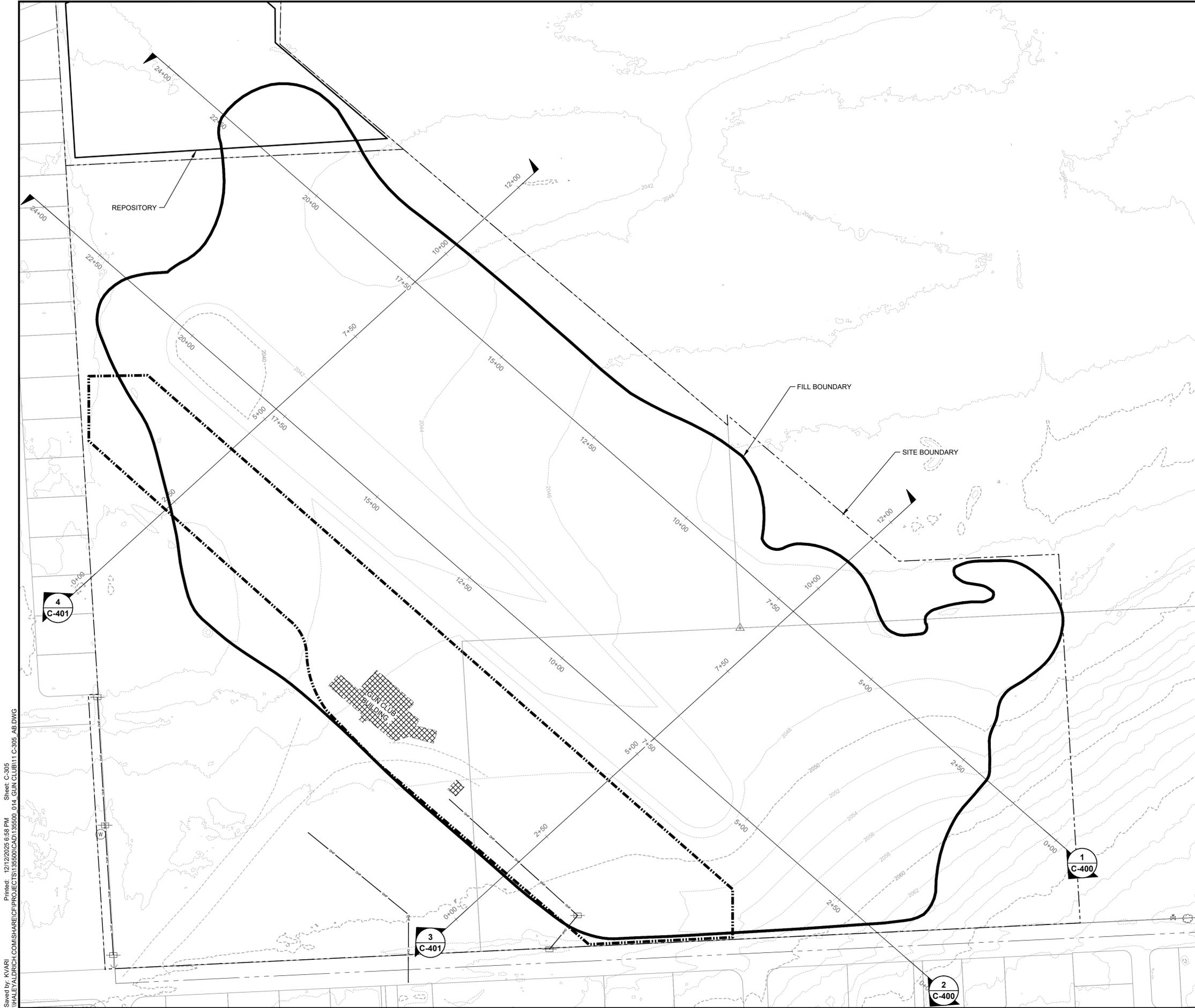
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Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
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0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY,
WASHINGTON

IMPACTED SOILS
EXCAVATION PLAN
GREATER THAN 3
FEET

C-304
Sheet: 09 of 21



NOTES

1. CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
2. BACKFILL SHALL BE PLACED IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/AASHTO T 180.
3. WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
4. PLACEMENT OF OVERSIZE MATERIALS (12 - 24 INCHES) SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
5. THE FINAL GRADING OF THE IMPACTED SOILS EXCAVATION SHOWN ON THIS SHEET IS EXPECTED TO BE LOWER THAN THE EXISTING GRADE PRIOR TO EXCAVATION.
6. EXISTING SURVEY DATA PROVIDED BY SANDIS DATED 13 OCTOBER 2024 AND BASED ON CONTROL POINTS PROVIDED BY HALEY & ALDRICH.

LEGEND

- PROPERTY BOUNDARY
- FILL BOUNDARY
- - - REPOSITORY LIMITS
- OVERHEAD POWER
- EXISTING CONTOURS
- - - FINAL FILL CONTOURS

HALEY ALDRICH

HALEY & ALDRICH
505 W. RIVERSIDE AVE. SUITE 205
SPOKANE, WA 99201
TEL: 509.960.7447
WWW.HALEYALDRICH.COM

AS-BUILTS

Project No.: 202349-001
Scale: SHOWN
Date: 12/05/2025
Drawn By: ZS/MO
Designed By: BD/BG
Checked By: KH
Approved By: JH/KH
Stamp:



Rev.	Description	By	Date
3	AS-BUILT	BMG	12/12/25
2	ISSUED FOR CONST.	BG	11/13/24
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

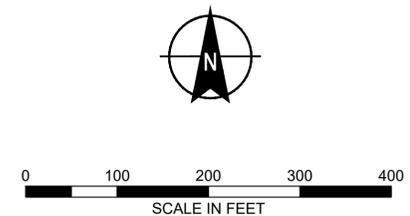
CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY,
WASHINGTON

AS-BUILT FINAL GRADING

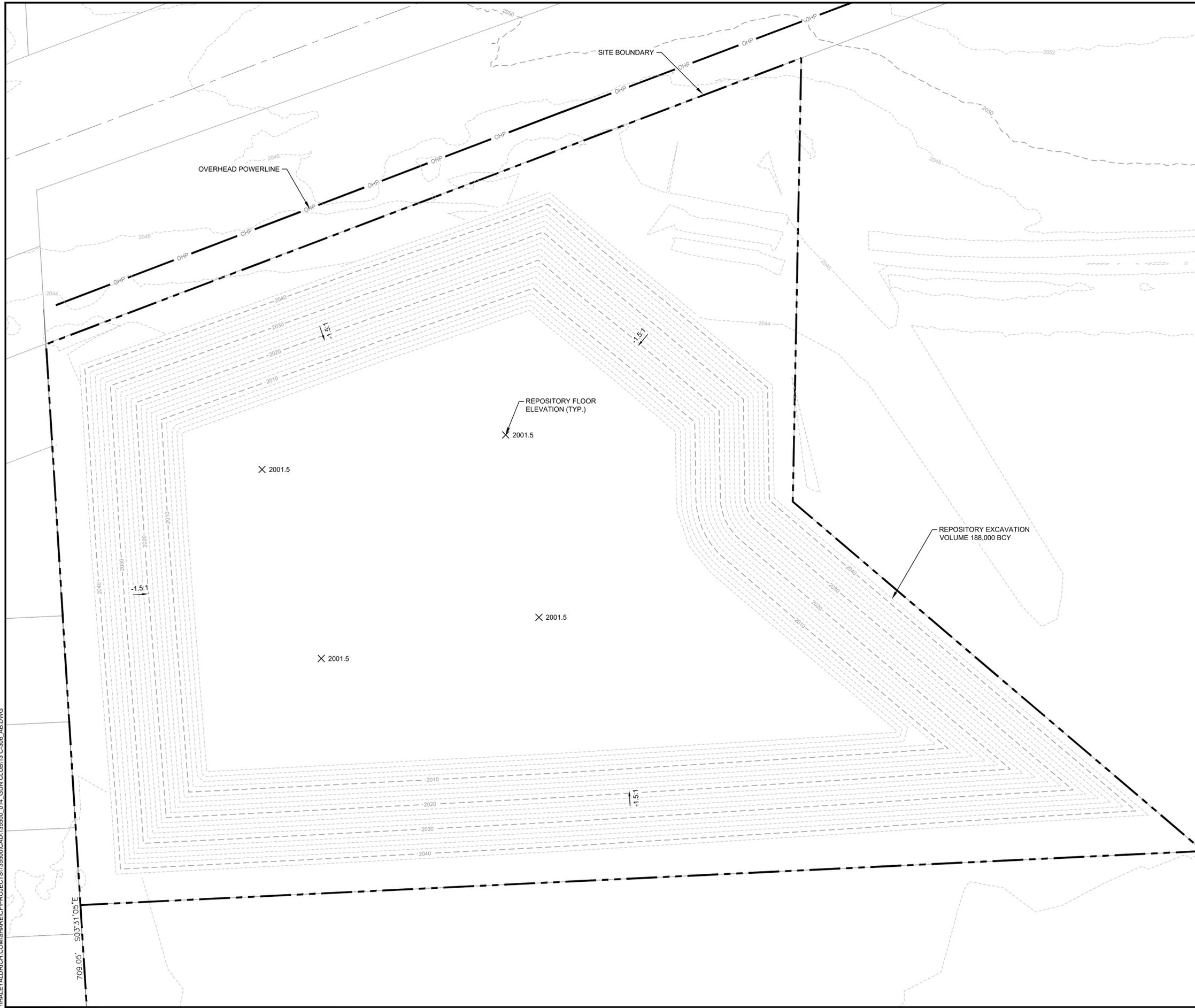
C-305

Sheet: 10 of 2

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NOTES

1. PRIOR TO EXCAVATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED.
2. A VISUAL REFERENCE FOR THE DELINEATION BETWEEN NATIVE SOIL AND MATERIAL PLACED IN THE REPOSITORY IS REQUIRED, REFERRED TO HEREIN AS A WASTE DELINEATOR.
3. ORANGE SILT FENCE IN ROLLS 3 FEET WIDE (OR AND APPROVED EQUAL) IS REQUIRED TO BE PLACED 8 FEET O.C. WITH A SPACING BETWEEN THE FABRIC OF 5 FEET IN THE BOTTOM AND ALONG THE CUT SLOPES OF THE REPOSITORY AS A WASTE DELINEATOR.
4. THE ORIENTATION OF THE WASTE DELINEATOR CAN VARY ACROSS THE BOTTOM OF THE REPOSITORY EXCAVATION AS APPROVED BY THE ENGINEER.
5. IMPACTED SOILS SHALL BE PLACED IN THE REPOSITORY IN HORIZONTAL LIFTS NOT TO EXCEED 1.5 FEET IN TOTAL THICKNESS AND COMPACTED TO AT LEAST 90% PER MODIFIED PROCTOR ASTM D 1557/AASHTO T 180.
6. CONTRACTOR SHALL STOCKPILE BOULDERS WITH GREATEST DIMENSIONS LARGER THAN 24 INCHES IN THE STOCKPILE LOCATION SHOWN ON SHEET C-301 OR AS APPROVED BY THE ENGINEER.
7. WHEN PLACING BOULDERS OR COBBLES DO NOT NEST THEM SUCH THAT VOIDS ARE CREATED. BOULDERS AND COBBLES SHALL BE SPREAD OUT UNIFORMLY SO SOIL FILLS AROUND THEM.
8. PLACEMENT OF OVERSIZED MATERIALS (12 - 24 INCHES SHALL ALLOW COMPACTION EQUIPMENT TO COMPACT AROUND THE SIDES WITHOUT BEING IN CONTACT WITH NEARBY OVERSIZE MATERIAL THAT PRECLUDES UNIFORM COMPACTION.
9. CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN WHICH INCLUDES BOTH THE REPOSITORY EXCAVATION AND BACKFILLING AND THE EXCAVATION OF IMPACTED SOILS.



HALEY & ALDRICH
 505 W. RIVERSIDE AVE. SUITE 205
 SPOKANE, WA 99201
 TEL: 509.960.7447
 WWW.HALEYALDRICH.COM

AS-BUILTS

Project No.: 202349-001
 Scale: SHOWN
 Date: 12/05/2025
 Drawn By: ZS/MO
 Designed By: BD/BG
 Checked By: KH
 Approved By: JH/KH

Stamp:



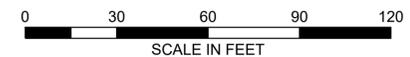
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2	REISSUED FOR CONST.	BG	11/13/24
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB
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 SPOKANE VALLEY,
 WASHINGTON

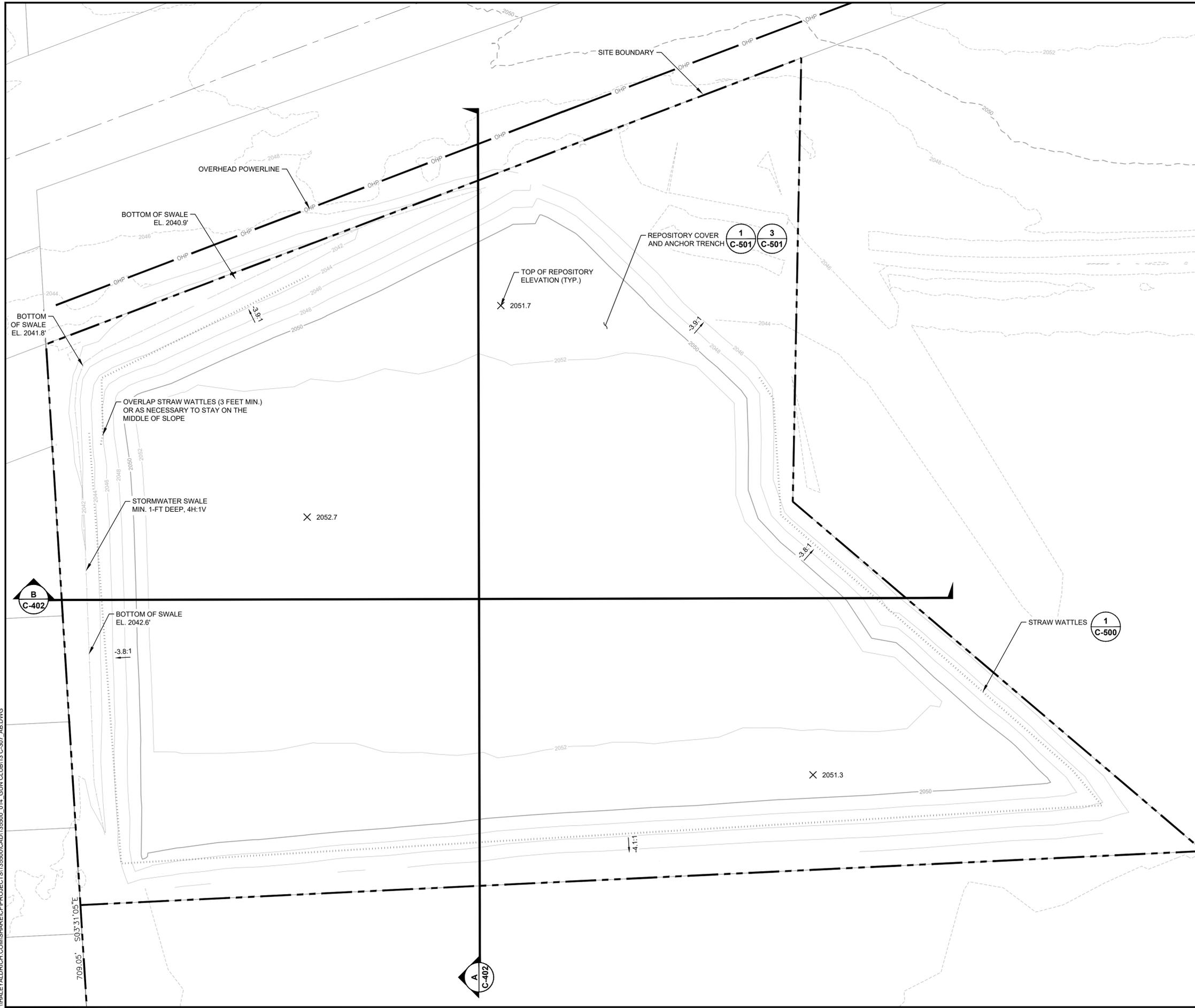
**AS-BUILT
 REPOSITORY
 SUBGRADE
 EXCAVATION PLAN**

C-306

Sheet: 11 of 2



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 SWALE\ALDRICH.COM\SHARE\CF\PROJECTS\155500\CAD\155500_014_GUN CLUB\13.C-307_AB.DWG
 Plotted: 12/12/2025 1:51 PM Sheet: C-307



NOTES

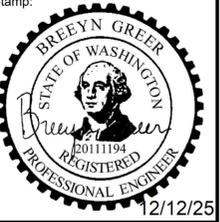
1. MATERIAL SALVAGED FROM THE TOP 0.0 TO 0.5 FEET OF THE REPOSITORY EXCAVATION SHALL BE USED AS TOPSOIL IN THIS AREA AND IS EXPECTED TO BE A MAXIMUM OF 0.5 FEET INSTALLED.
2. A SINGLE ROW OF STRAW WATTLES SHALL BE PLACED MIDDLE OF SLOPE ON CONTOUR BETWEEN THE CREST AND TOE OF THE REPOSITORY FILL SLOPE, OR TO THE BOTTOM OF SWALE AS SHOWN.



HALEY & ALDRICH
 505 W. RIVERSIDE AVE. SUITE 205
 SPOKANE, WA 99201
 TEL: 509.960.7447
 WWW.HALEYALDRICH.COM

AS-BUILTS

Project No.: 202349-001
 Scale: SHOWN
 Date: 12/05/2025
 Drawn By: ZS/MO
 Designed By: BD/BG
 Checked By: KH
 Approved By: JH/KH
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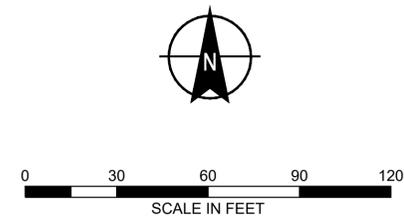


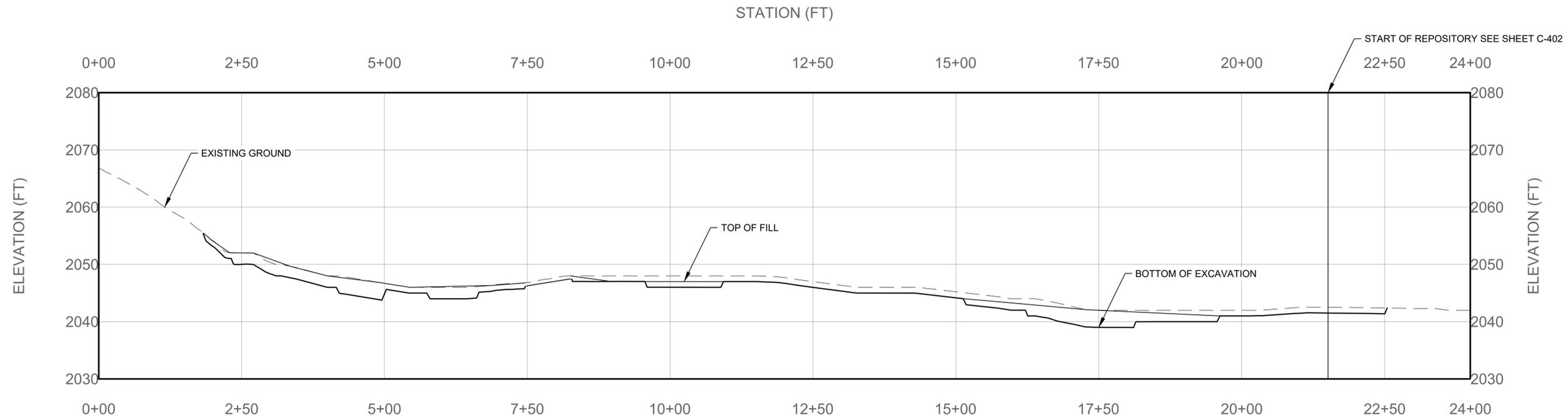
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2	REISSUED FOR CONST.	BG	11/13/24
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB
 CLEANUP PROJECT
 19615 E. SPRAGUE AVE. #9656
 SPOKANE VALLEY,
 WASHINGTON

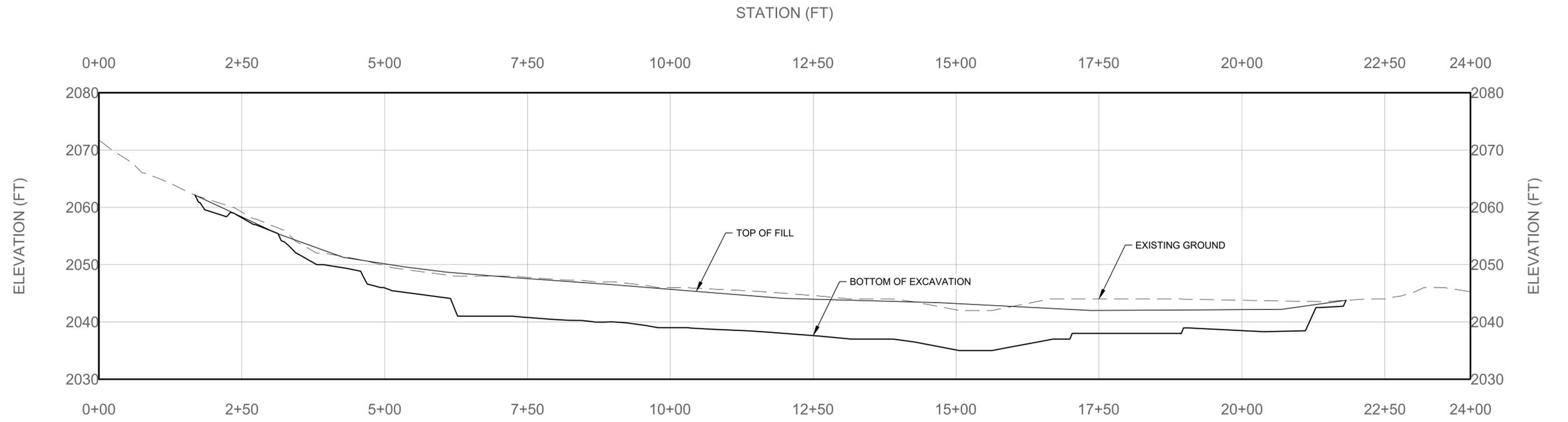
**AS-BUILT
 REPOSITORY FINAL
 GRADING PLAN**

C-307





1 SECTION 1 OF 4
C-305
SCALE: HORIZ. 0 100 200 300 400
VERT. 0 10 20 30 40
SCALE IN FEET



2 SECTION 2 OF 4
C-305
SCALE: HORIZ. 0 100 200 300 400
VERT. 0 10 20 30 40
SCALE IN FEET

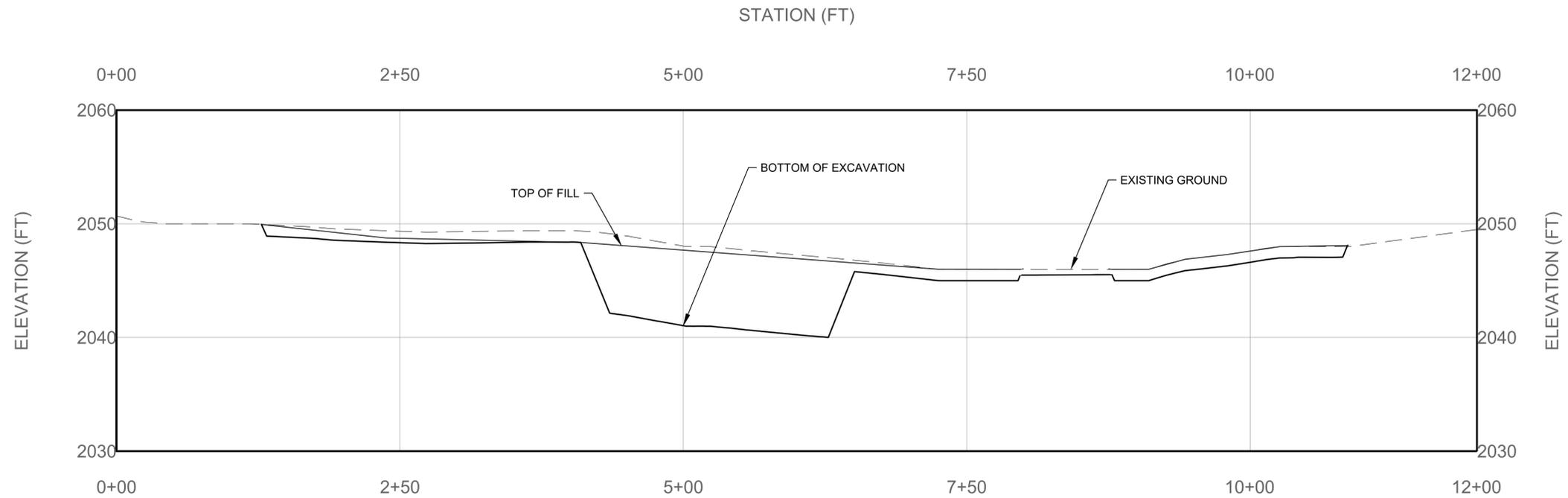
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Date:	10/17/2023
Drawn By:	ZS/MO
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Checked By:	KH
Approved By:	JH/KH
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0	ISSUED FOR BID	BD	10/18/23

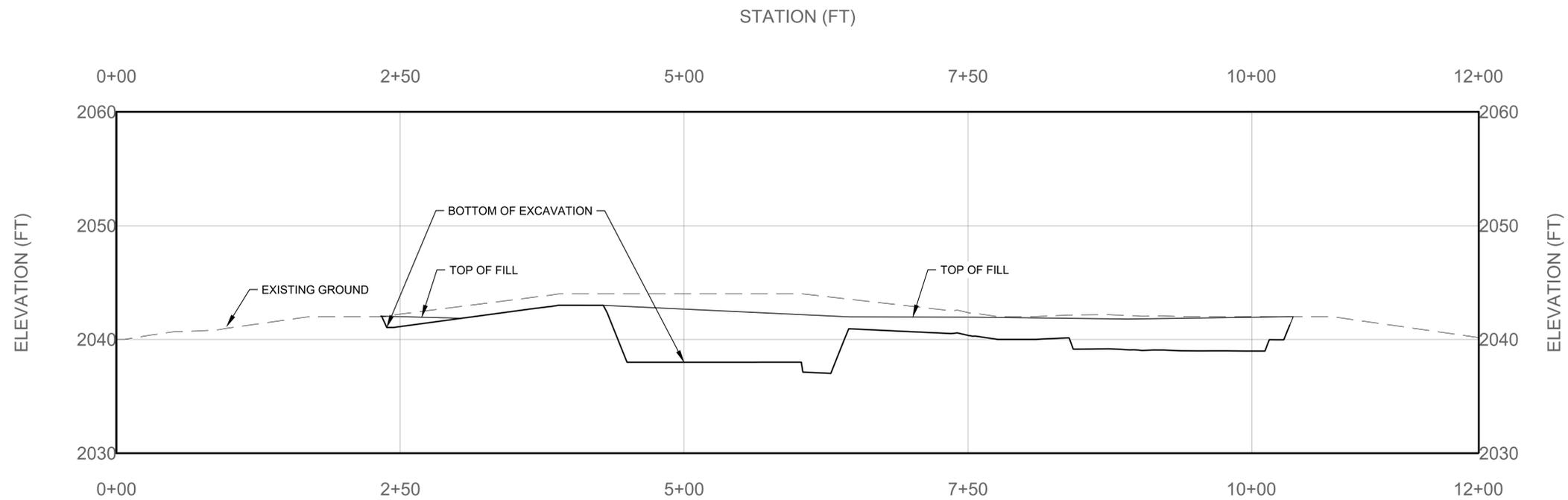
CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY,
WASHINGTON

**IMPACTED SOILS
EXCAVATION
AND FILLS
SECTIONS 1 OF 2**

C-400



3
SECTION 3 OF 4
C-305
SCALE: HORIZ. 0 60 120 180 240
VERT. 0 6 12 18 24
SCALE IN FEET



4
SECTION 4 OF 4
C-305
SCALE: HORIZ. 0 60 120 180 240
VERT. 0 6 12 18 24
SCALE IN FEET

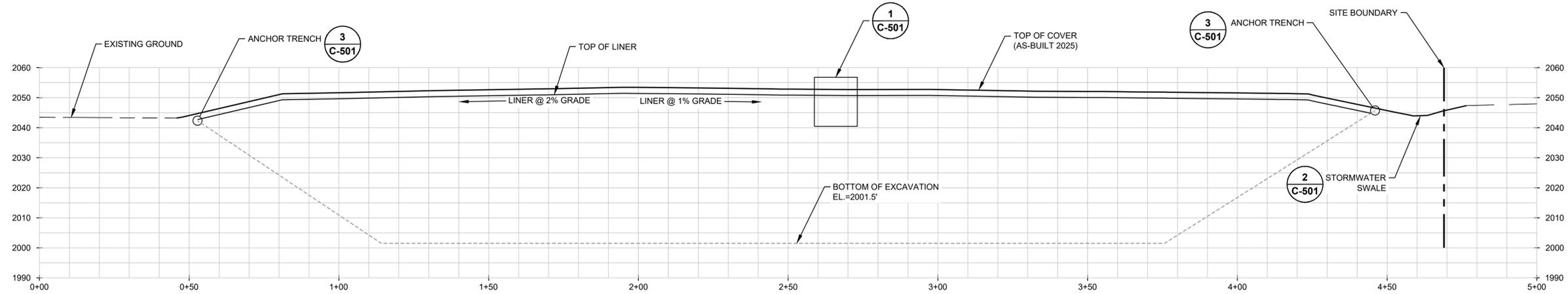
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Date:	10/17/2023
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0	ISSUED FOR BID	BD	10/18/23

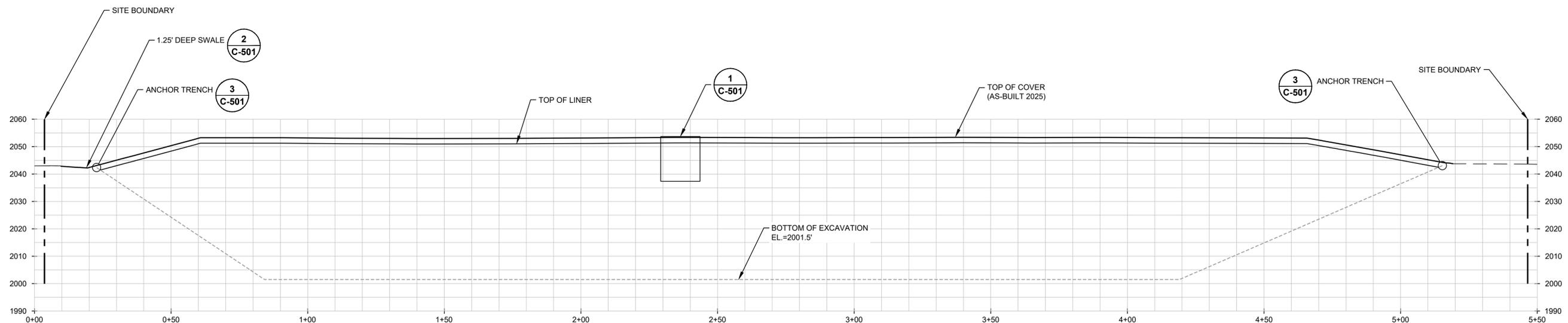
CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY,
WASHINGTON

IMPACTED SOILS
EXCAVATION
AND FILLS
SECTIONS 2 OF 2

C-401



A REPOSITORY CROSS-SECTION
C-307

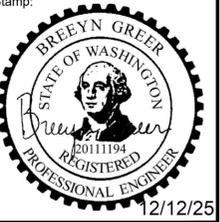


B REPOSITORY CROSS-SECTION
C-307



AS-BUILTS

Project No.: 202349-001
Scale: SHOWN
Date: 12/05/2025
Drawn By: ZS/MO
Designed By: BD/BG
Checked By: KH
Approved By: JH/KH
Stamp:



Rev.	Description	By	Date
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2	REISSUED FOR CONST.	BG	11/13/24
1	ISSUED FOR ECOLOGY	BD	05/18/23
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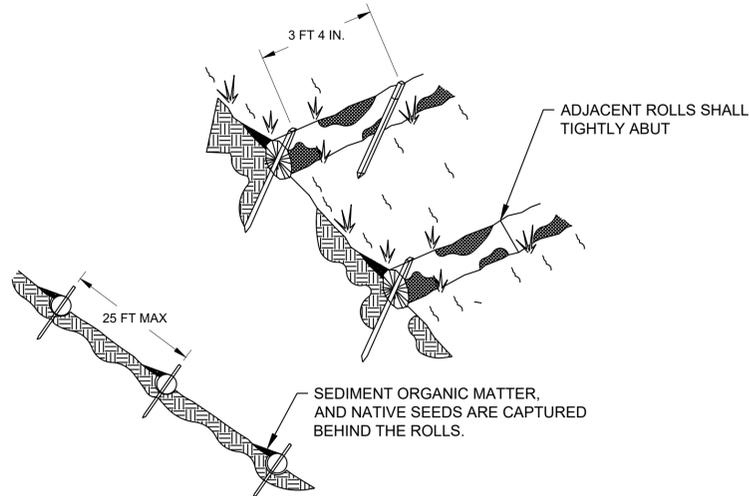
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**AS-BUILT
REPOSITORY
CROSS-SECTIONS**

C-402

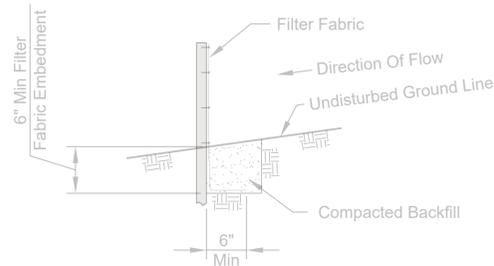
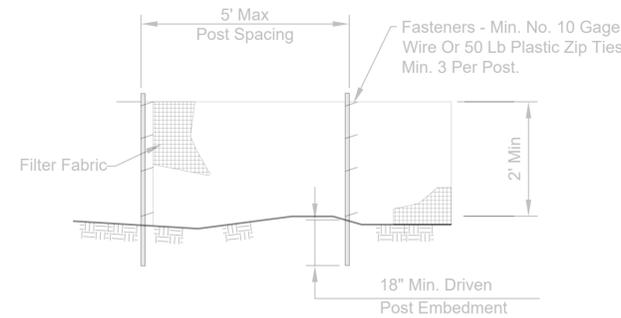
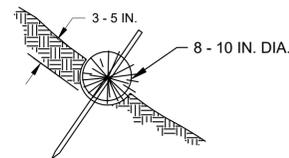
NOTES

- DETAILS 1 THROUGH 4 ON THIS SHEET HAVE BEEN SOURCED FROM THE CITY OF TACOMA JULY 2016 STORM WATER MANAGEMENT MANUAL. ADDITIONAL INFORMATION ABOUT EACH TEMPORARY EROSION AND SEDIMENT CONTROL CAN BE FOUND IN THE MANUAL.



NOTES

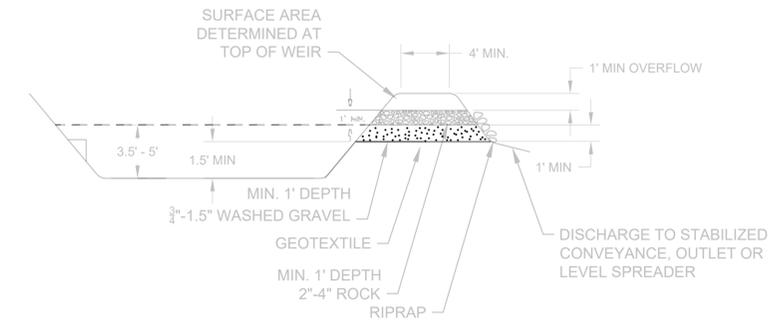
- STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.



2 SILT FENCE DETAILS

SCALE: NTS

NOTE: DETAIL SHOWN AS A REFERENCE IF IMPLEMENTED AS PART OF THE SWPPP.



3 CROSS-SECTION OF SEDIMENT TRAP

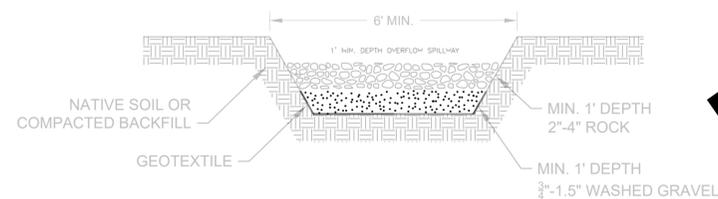
SCALE: NTS

NOTE: DETAIL SHOWN AS A REFERENCE IF IMPLEMENTED AS PART OF THE SWPPP.

1 STRAW WATTLES DETAILS

SCALE: NTS

NOTE: CONTRACTOR IS REQUIRED TO PLACE STRAW WATTLES ON THE REPOSITORY FILL SLOPES. OTHER DETAILS SHOWN ON THIS SHEET ARE FOR REFERENCE IF IMPLEMENTED AS PART OF THE SWPPP.

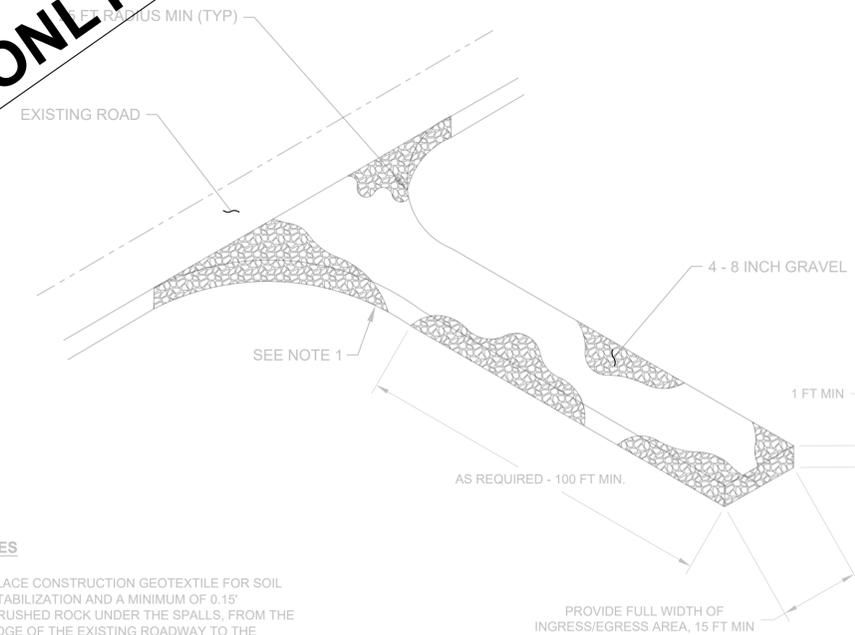


4 SEDIMENT TRAP OUTLET

SCALE: NTS

NOTE: DETAIL SHOWN AS A REFERENCE IF IMPLEMENTED AS PART OF THE SWPPP.

FOR REFERENCE ONLY - SWPPP BPMS



NOTES

- PLACE CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION AND A MINIMUM OF 0.15\"/>

5 CONSTRUCTION ENTRANCE

SCALE: NTS

NOTE: DETAIL SHOWN AS A REFERENCE IF IMPLEMENTED AS PART OF THE SWPPP.

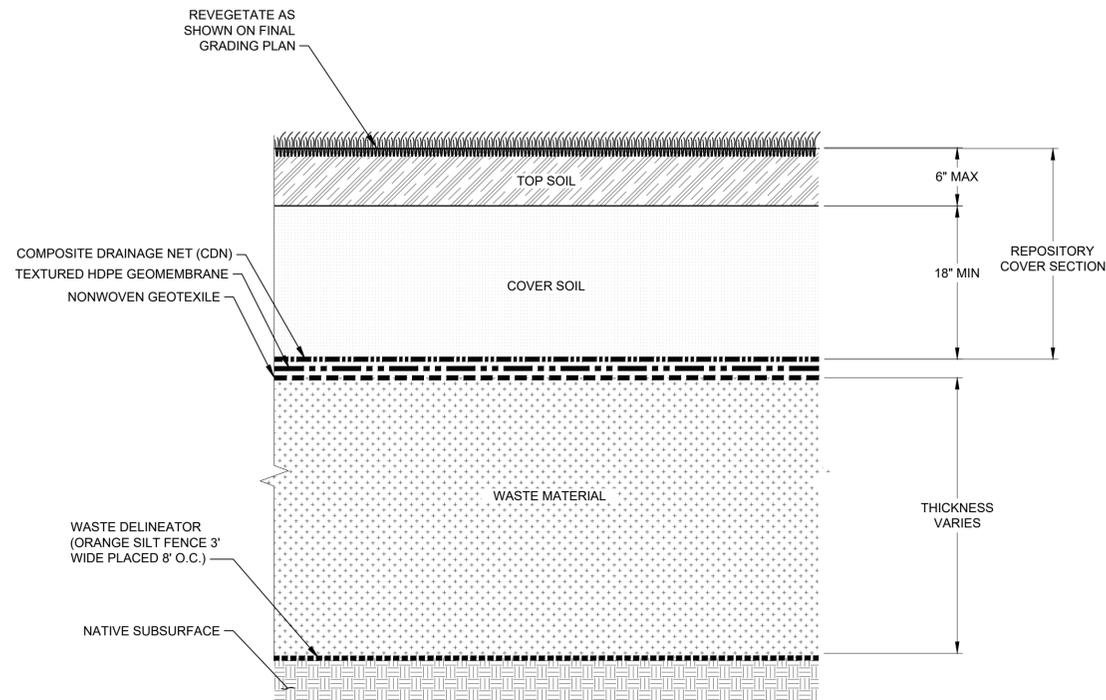
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Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
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Checked By:	KH
Approved By:	JH/KH
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Rev.	Description	By	Date
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CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY,
WASHINGTON

TEMPORARY
EROSION AND
SEDIMENT
CONTROL (TESC)
DETAILS

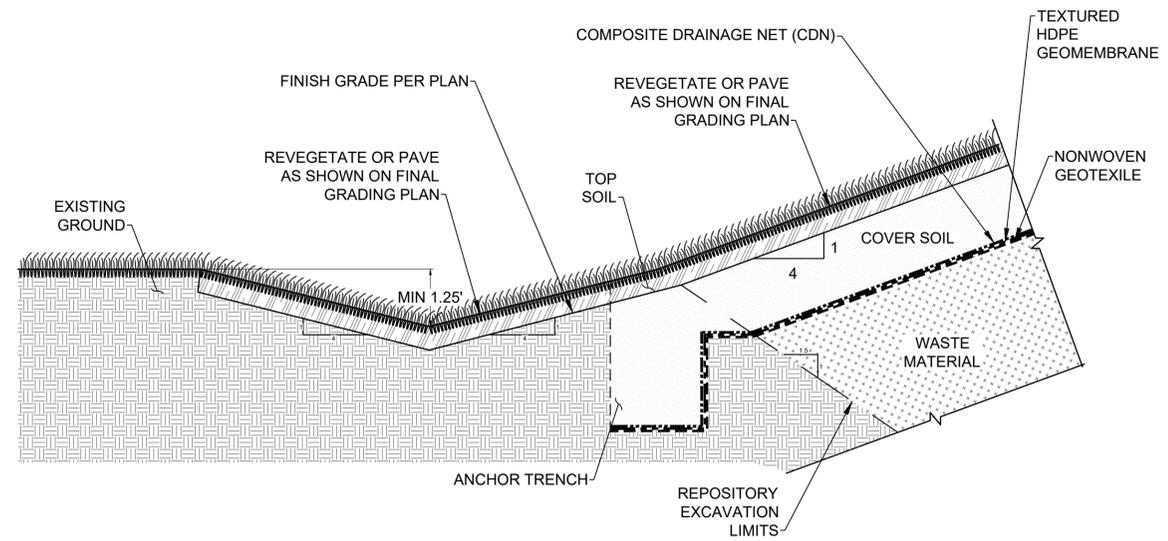
C-500



1 SECTION - REPOSITORY COVER
NOT TO SCALE

NOTES

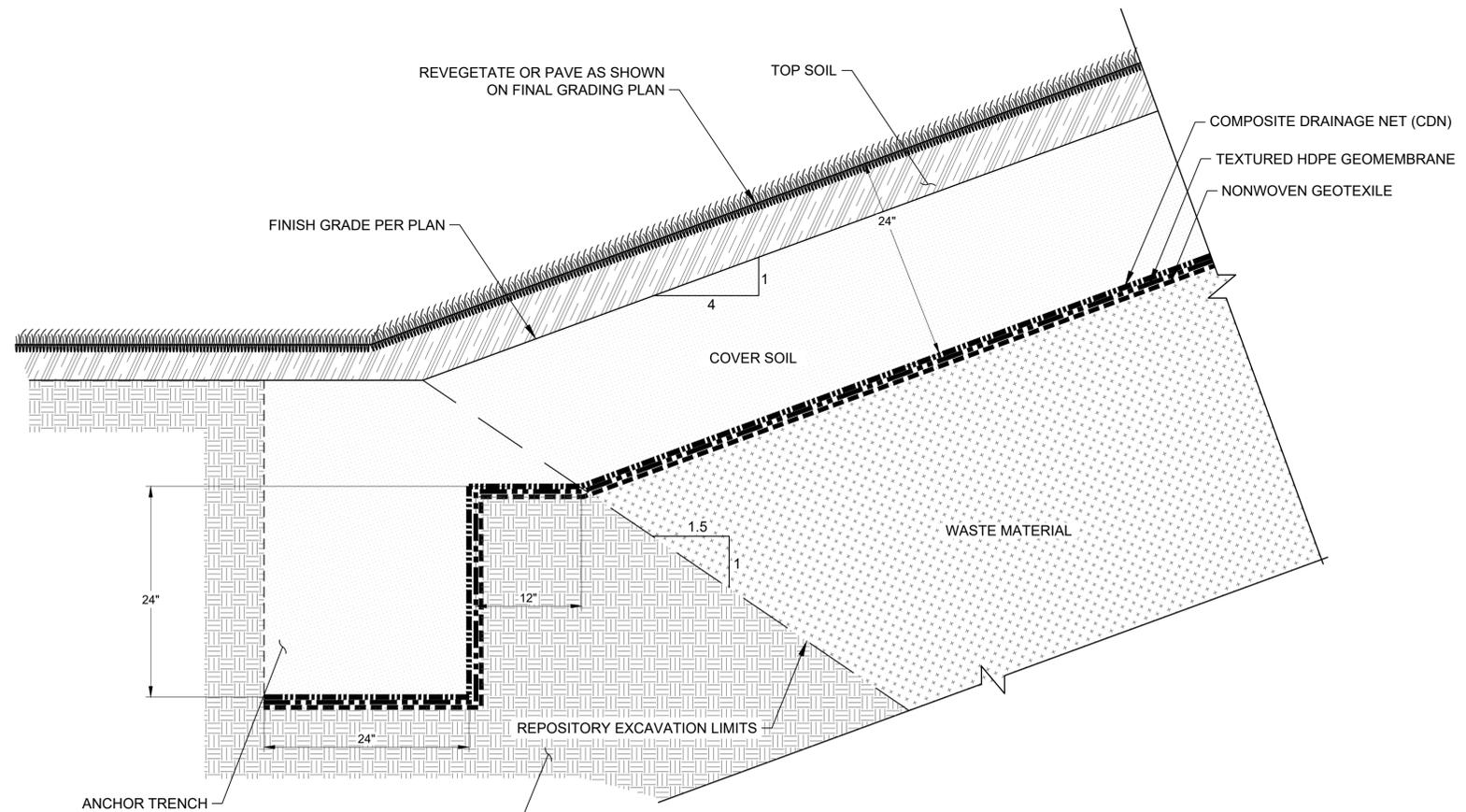
1. THE REPOSITORY COVER SECTION VARIES IN THICKNESS AND IS GREATER THAN 24 INCHES IN MOST LOCATIONS. SEE SHEET C-402 REPOSITORY SECTIONS.
2. TOTAL COVER OVER THE LINER SHALL NOT BE LESS THAN 24 INCHES IN ANY LOCATION.
3. TOPSOIL THICKNESS WILL BE DEPENDENT UPON THE AMOUNT OF TOPSOIL SALVAGE.
4. MATERIALS ABOVE THE LINER (COVER SOIL AND TOPSOIL) SHALL BE 3-INCH MINUS.
5. MATERIAL WITHIN 2 FEET BELOW THE LINER SHALL BE WELL-GRADED 12-INCH MINUS SAND AND GRAVEL AS APPROVED BY THE ENGINEER.
6. NO MATERIAL LARGER THAN 1 INCH IN THE LARGEST DIMENSION SHALL BE VISIBLE PRIOR TO PLACEMENT OF THE NONWOVEN GEOTEXTILE OR PLACED DIRECTLY ABOVE THE COMPOSITE DRAINAGE NET (CDN).



2 SECTION - REPOSITORY SWALE
NOT TO SCALE

NOTES

1. REFER TO SHEET C-307 REPOSITORY FINAL GRADING PLAN FOR THE SWALE LAYOUT AND DRAINAGE.



3 SECTION - REPOSITORY COVER ANCHOR TRENCH
NOT TO SCALE

Project No.:	202349-001
Scale:	SHOWN
Date:	10/17/2023
Drawn By:	ZS/MO
Designed By:	BD
Checked By:	KH
Approved By:	JH/KH
Stamp:	

Rev.	Description	By	Date
1	ISSUED FOR ECOLOGY	BD	05/18/23
0	ISSUED FOR BID	BD	10/18/23

CVSD GUN CLUB
CLEANUP PROJECT
19615 E. SPRAGUE AVE. #9656
SPOKANE VALLEY,
WASHINGTON

DETAILS

C-501