

**VICINITY MAP**  
SEC 23, TWP 47, RGE 32  
SCALE 1"=2000'

PROJECT TEAM & UTILITY CONTACT LIST	
<p><u>OWNER / DEVELOPER</u>  HUNT MIDWEST REAL ESTATE DEVELOPMENT, INC  8300 NE UNDERGROUND DRIVE  KANSAS CITY, MO 64161  CONTACT: AARON SCHMIDT  PHONE: 816.455.2500  EMAIL: ASCHMIDT@HUNTMIDWEST.COM</p>	<p><u>UTILITY SERVICE NUMBERS</u>  NAME: LEE'S SUMMIT PUBLIC WORKS  PHONE: 816-969-1800</p> <p>NAME: LEE'S SUMMIT WATER UTILITIES  PHONE: 816-969-1900</p> <p>NAME: SPIRE  PHONE: 314-342-0500</p> <p>NAME: AT&amp;T  PHONE: 800-286-8313</p> <p>NAME: EVERGY  PHONE: 816-471-5275</p> <p>NAME: SPECTRUM  PHONE: 877-772-2253</p>
<p><u>ENGINEER</u>  OLSSON  1301 BURLINGTON ST. SUITE 100  NORTH KANSAS CITY, MO 64116  CONTACT: JULIE E. SELLERS, P.E.  PHONE: 816.361.1177  EMAIL: JSSELLERS@OLSSON.COM</p>	<p>NAME: GOOGLE FIBER  PHONE: 877-454-6959</p>
<p><u>SURVEYOR</u>  OLSSON  1301 BURLINGTON ST. SUITE 100  NORTH KANSAS CITY, MO 64116  CONTACT: JASON ROUDEBUSH  PHONE: 816.361.1177  EMAIL: JROUDEBUSH@OLSSON.COM</p>	

☐ NOT FOR CONSTRUCTION

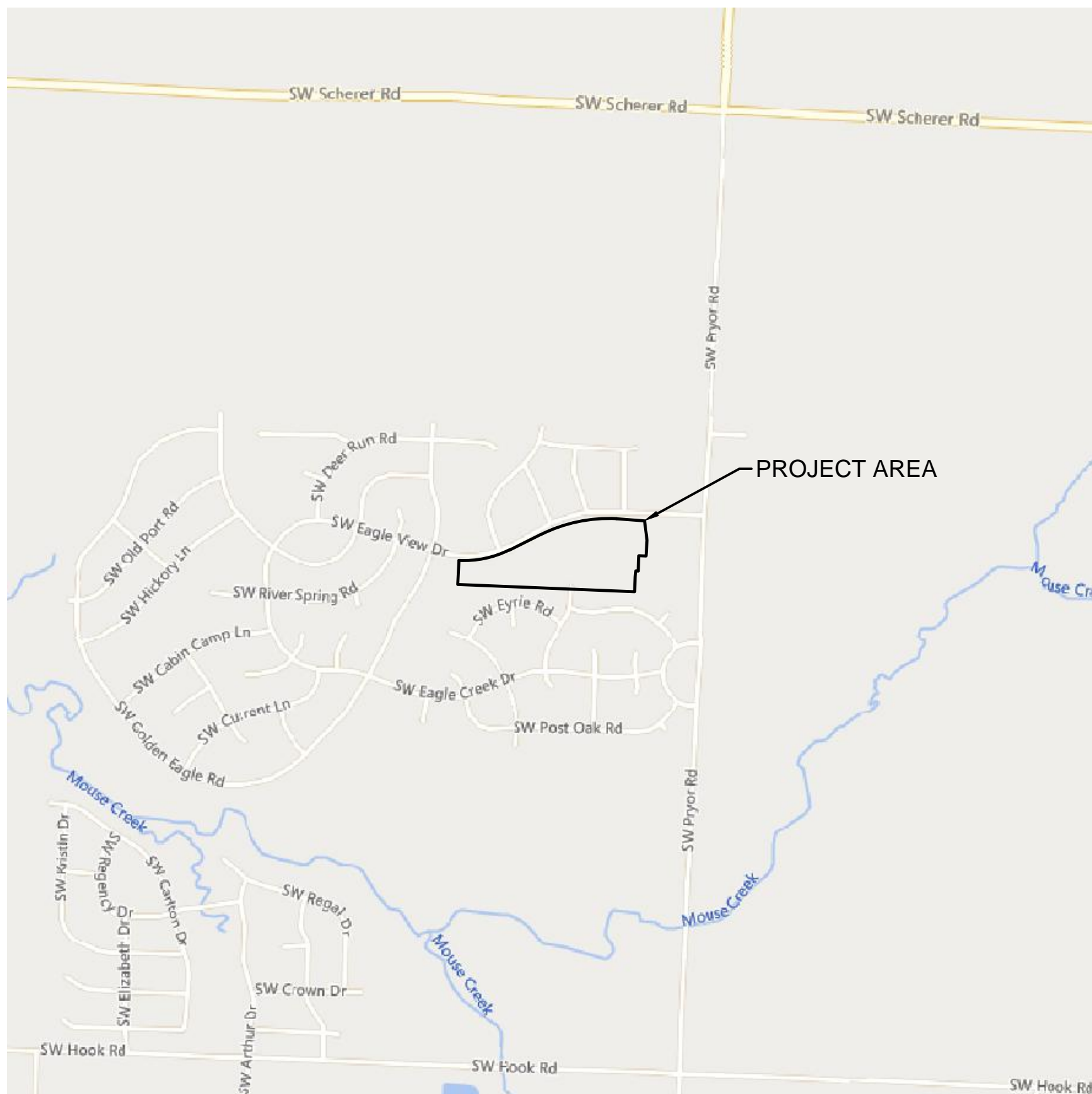
☒ REVIEWED FOR CONSTRUCTION



# EAGLE CREEK VILLAS FIRST PLAT SITE DISTURBANCE PLANS

SECTION 23, TOWNSHIP 47 N, RANGE 32 W.  
IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

**DISTURBED AREA = 25.16 AC**



PROPERTY DESCRIPTION:

A TRACT OF LAND IN THE NORTHEAST QUARTER OF SECTION 23 TOWNSHIP 47 NORTH, RANGE 32 WEST OF THE 5TH PRINCIPAL MERIDIAN IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI BEING BOUNDED AND DESCRIBED BY OR UNDER THE DIRECT SUPERVISION OF JASON S ROUBEUSH, P.L.S. 202014092 AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID NORTHEAST QUARTER; THENCE NORTH 02°46'08" EAST, ON THE EAST LINE OF SAID NORTHEAST QUARTER 1,323.83 FEET TO THE SOUTHEAST CORNER OF THE NORTH HALF OF SAID NORTHEAST QUARTER, ALSO BEING THE NORTHEAST CORNER OF EAGLE CREEK - FIFTH PLAT, A SUBDIVISION OF LAND IN SAID LEE'S SUMMIT RECORDED OCTOBER 9, 2001 AS INSTRUMENT NUMBER 200100082127 IN BOOK 70 AT PAGE 14 IN SAID OFFICE OF RECORDER OF DEEDS, JACKSON COUNTY, MISSOURI; THENCE LEAVING SAID EAST LINE, NORTH 87°41'31" WEST, 117.92 FEET TO THE POINT OF BEGINNING OF THE TRACT OF LAND TO BE HEREIN DESCRIBED; THENCE NORTH 87°41'31" WEST ON SAID SOUTH LINE AND SAID NORTH LINE, 675.87 FEET TO THE NORTHWEST CORNER OF SAID EAGLE CREEK - FIFTH PLAT, ALSO BEING THE NORTHWEST CORNER OF EAGLE CREEK - SIXTH PLAT, A SUBDIVISION IN SAID LEE'S SUMMIT RECORDED OCTOBER 9, 2001 AS INSTRUMENT NUMBER 200100082129 IN BOOK 70 AT PAGE 15 IN SAID OFFICE OF RECORDER OF DEEDS, JACKSON COUNTY, MISSOURI; THENCE NORTH 87°41'31" WEST ON SAID SOUTH LINE, ALSO BEING THE NORTH LINE OF SAID EAGLE CREEK - SIXTH PLAT, 704.45 FEET TO THE NORTHWEST CORNER OF SAID EAGLE CREEK - SIXTH PLAT, ALSO BEING THE EASTERLY LINE OF TRACT C OF EAGLE CREEK - SEVENTH PLAT, LOTS 230 THRU 282, INCLUSIVE, AND TRACT C, A SUBDIVISION OF LAND IN SAID LEE'S SUMMIT RECORDED APRIL 25, 2003 AS INSTRUMENT NUMBER 200300082129 IN BOOK 76 AT PAGE 12 IN SAID OFFICE OF RECORDER OF DEEDS, JACKSON COUNTY, MISSOURI; THENCE LEAVING SAID EAST LINE, NORTH 87°41'31" WEST ON SAID SOUTH LINE AND SAID EASTERLY LINE, 117.92 FEET TO THE POINT OF BEGINNING OF SAID TRACT C, ALSO BEING A POINT ON THE EXISTING SOUTHERLY RIGHT-OF-WAY LINE SW EAGLE VIEW DRIVE, AS ESTABLISHED BY SAID EAGLE CREEK - SEVENTH PLAT, LOTS 230 THRU 282, INCLUSIVE, AND TRACT C; THENCE EASTERLY, ON SAID EXISTING SOUTHERLY RIGHT-OF-WAY LINE, ON A CURVE TO THE LEFT HAVING AN INTERNAL TANGENT BEARING OF SOUTH 86°54'35" EAST WITH A RADIUS OF 830.00 FEET, A CENTRAL ANGLE OF 29°39'14" AND AN ARC DISTANCE OF 429.57 FEET; THENCE NORTH 63°26'11" EAST, ON SAID EXISTING SOUTHERLY RIGHT-OF-WAY LINE, 285.62 FEET; THENCE EASTERLY, ON SAID EXISTING SOUTHERLY RIGHT-OF-WAY LINE, ON A CURVE TO THE RIGHT BEING TANGENT TO THE LAST DESCRIBED CURVE WITH A RADIUS OF 1,270.00 FEET, A CENTRAL ANGLE OF 31°03'25" AND AN ARC DISTANCE OF 668.40 FEET; THENCE SOUTH 85°30'24" EAST, ON SAID EXISTING SOUTHERLY RIGHT-OF-WAY LINE, 10.00 FEET; THENCE SOUTHERLY, 10.00 FEET; THENCE SOUTH 02°46'08" WEST, 259.61 FEET; THENCE SOUTH 02°31'58" WEST, 50.00 FEET; THENCE WESTERLY ON A CURVE TO THE RIGHT HAVING AN INTERNAL TANGENT BEARING OF NORTH 87°41'31" WEST WITH A RADIUS OF 1,025.00 FEET, A CENTRAL ANGLE OF 04°39'21" AND AN ARC DISTANCE OF 83.29 FEET; THENCE SOUTH 02°18'29" WEST, 123.38 FEET TO THE POINT OF BEGINNING, CONTAINING 669.46 SQUARE FEET OR 15.37 ACRES, MORE OR LESS.

## BENCHMARK

BENCHMARK NO. 1  
CHISELED SQUARE ON THE NORTHWEST CORNER OF 6' X 4' CURB INLET THAT IS ON THE SOUTH SIDE OF SW EAGLEVIEW DRIVE AND WEST OF SW BURNINGWOOD LANE, STRAIGHT SOUTH OF A 6' X 4' CURB INLET.  
ELEVATION = 1002.10

SHEET LIST TABLE	
SHEET #	SHEET TITLE
C401	TITLE SHEET
C402	GENERAL NOTES
C403	GENERAL LAYOUT
C404	GRADING PLAN – SOUTH
C405	GRADING PLAN – NORTH
C406	SITE DISTURBANCE PHASE A – SOUTH
C407	SITE DISTURBANCE PHASE A – NORTH
C408	SITE DISTURBANCE PHASE A – TRAP DETAILS
C409	SITE DISTURBANCE PHASE A – TRAP DETAILS
C410	SITE DISTURBANCE PHASE B – SOUTH
C411	SITE DISTURBANCE PHASE B – NORTH
C412	SITE DISTURBANCE PHASE C – SOUTH
C413	SITE DISTURBANCE PHASE C – NORTH
C414	DETAIL SHEET (SHEET 1 OF 2)
C415	DETAIL SHEET (SHEET 2 OF 2)


OIL/GAS WELLS:

NO OIL OR GAS WELLS ARE LOCATED WITHIN PROJECT LIMITS.  
INFORMATION OBTAINED FROM THE MISSOURI DEPARTMENT OF NATURAL RESOURCES,  
GEOLOGICAL SURVEY GEOSCIENCES TECHNICAL RESOURCE ASSESSMENT TOOL (GEOSTRAT).

FLOOD CERTIFICATION:

PORTIONS OF THE SITE ARE LOCATED WITHIN ZONE AE "BASE FLOOD ELEVATIONS DETERMINED", ZONE X (SHADED) "AREAS OF 0.2% CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD, AND ZONE X (UNSHADED) "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS DEPICTED ON THE FEMA FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER 29095C0418G, REVISION DATE JANUARY 20, 2017.

OLSSON HAS BEEN RETAINED TO PROVIDE AS-BUILT DRAWINGS FOR THIS PROJECT.

  
STEPHEN SAYLOR, P.E.  
CIVIL ENGINEER  
MO#2018021248

5/7/2024

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DATE

<div style="display: flex; justify-content: space-between;"> <div> <p>drawn by: _____</p> <p>checked by: _____</p> <p>QA/QC by: _____</p> <p>project no.: _____</p> <p>drawing no.: _____</p> <p>date: _____</p> </div> <div style="text-align: right;"> <p>CW SS JS JS A20-2467 C. TTL01 A202467 02/23/2024</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div> <p>TITLE SHEET</p> <p>SITE DISTURBANCE PLANS</p> </div> <div> <p>EAGLE CREEK VILLAS</p> <p>FIRST PLAT</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div> <p>LEE'S SUMMIT, MISSOURI</p> </div> <div> <p>2023</p> </div> </div>	
		<div style="display: flex; justify-content: space-between;"> <div> <p>REV. NO.</p> <p>1</p> <p>2</p> <p>3</p> </div> <div> <p>DATE</p> <p>02/23/2024</p> <p>04/02/2024</p> <p>05/07/2024</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div> <p>REVISIONS DESCRIPTION</p> <p>REVISED PER CITY COMMENTS</p> <p>REVISED PER CITY COMMENTS</p> <p>REVISED PER CITY COMMENTS</p> </div> <div> <p>BY</p> </div> </div>	











DWG: F:\2020\2001-2500\020-2467-A\40-Design\AutoCAD\Final Plans\Sheets\GNCV\Site Disturbance\C\_GRD01\_A202467.dwg USER: sso\lor  
DATE: May 07, 2024 11:14am XREFS: C\_PU\_TIL\_A202467 C\_XBASE\_A202467 C\_PBASE\_A202467 C\_PBDY\_A202467 C\_PBLK\_A202467 C\_PSTRM\_A202467



GENERAL NOTES:

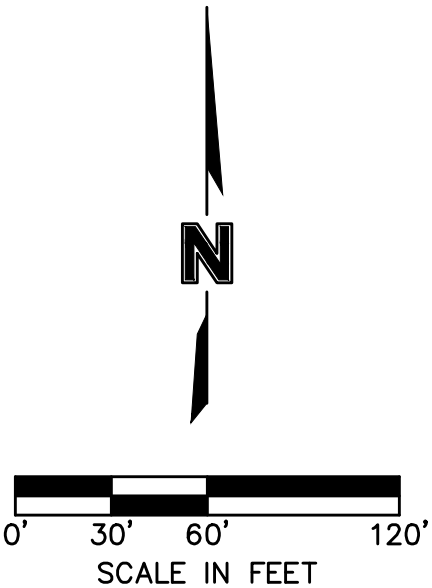
- CONTRACTOR SHALL ADHERE TO THE "DESIGN AND CONSTRUCTION MANUAL" SECTION 2100 AS ADOPTED BY THE CITY OF LEE'S SUMMIT (LATEST EDITION), FOR EXCAVATION AND EMBANKMENT WORK WITHIN THE PROPOSED RIGHT-OF-WAY.
- AREAS OF CONSTRUCTION SHALL BE STRIPPED OF ALL VEGETATION, ORGANIC MATTER AND TOPSOIL TO A DEPTH AS RECOMMENDED BY GEOTECHNICAL ENGINEER AND OR TESTING AGENCY. SOILS REMOVED DURING SITE STRIPPING SHOULD BE EVALUATED TO DETERMINE IF PORTIONS OF THE TOPSOIL STRATUM MAY BE UTILIZED AS STRUCTURAL FILL WITHIN PAVEMENT AREAS. ANY MATERIAL NOT DEEMED AS SUITABLE FILL MATERIAL BY THE GEOTECHNICAL ENGINEER AND OR TESTING AGENCY SHALL BE REMOVED FROM THE JOB SITE BY THE CONTRACTOR AT HIS EXPENSE.
- ALL EMBANKMENT OUTSIDE OF RIGHT-OF-WAY SHOULD BE PLACED IN CONTROLLED LIFTS HAVING A MAXIMUM LOOSE LIFT THICKNESS OF 8". EMBANKMENT SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698 (STANDARD PROCTOR COMPACTION). MOISTURE CONTENT OF THE FILL AT THE TIME OF COMPACTION SHALL BE WITHIN A RANGE OF -0 TO +4 PERCENT OF OPTIMUM MOISTURE CONTENT.

EARTHWORK QUANTITIES		
LOCATION	CUT (C.Y.)	FILL (C.Y.)
STREET	10,606	1,038
SWALE	1,743	393
SITE	67,079	40,131
TOTAL	79,428	41,562

EARTHWORK QUANTITIES NOTES:  
1. EARTHWORK QUANTITIES BASED ON FINISHED GRADE SURFACE AND DO NOT INCLUDE ADJUSTMENTS FOR TOPSOIL AND SHRINKAGE.

2. EARTHWORK QUANTITIES DO NOT TAKE INTO CONSIDERATION EXCAVATION, REMOVAL AND DISPOSAL OF MATERIAL DEEMED UNSUITABLE BY A GEOTECHNICAL ENGINEER. THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR EXCAVATION, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND FOR REPLACING IT WITH SUITABLE MATERIAL.

LEGEND	
-100-	EXISTING INDEX CONTOURS
-100-	EXISTING INTERMEDIATE CONTOURS
100	PROPOSED INDEX CONTOURS
100	PROPOSED INTERMEDIATE CONTOURS



GRADING PLAN - SOUTH SITE DISTURBANCE PLANS		2023	
EAGLE CREEK VILLAS FIRST PLAT		LEE'S SUMMIT, MISSOURI	
drawn by:	CS	REVISIONS	
checked by:	SS		
approved by:	LS		
QA/QC by:	LS		
project no.:	A20-2467		
drawing no.:	C_GRD01_A202467		
date:	02/23/2024		



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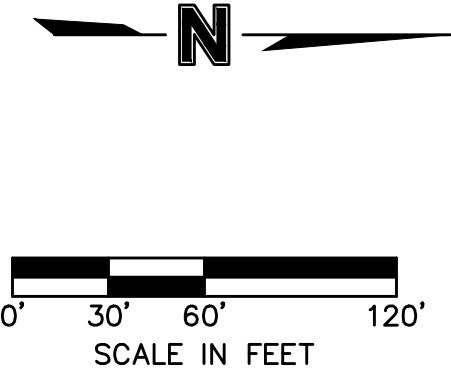
GENERAL NOTES:

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- ALL EMBANKMENT OUTSIDE OF RIGHT-OF-WAY SHOULD BE PLACED IN CONTROLLED LIFTS HAVING A MAXIMUM LOOSE LIFT THICKNESS OF 8". EMBANKMENT SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698 (STANDARD PROCTOR COMPACTION). MOISTURE CONTENT OF THE FILL AT THE TIME OF COMPACTION SHALL BE WITHIN A RANGE OF -0 TO +4 PERCENT OF OPTIMUM MOISTURE CONTENT.

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LEGEND	
-100-	EXISTING INDEX CONTOURS
-100-	EXISTING INTERMEDIATE CONTOURS
100	PROPOSED INDEX CONTOURS
100	PROPOSED INTERMEDIATE CONTOURS



GRADING PLAN - NORTH  
SITE DISTURBANCE PLANS

EAGLE CREEK VILLAS  
FIRST PLAT

LEE'S SUMMIT, MISSOURI

2023

drawn by: CW  
checked by: SS  
approved by: JS  
QA/QC by: JS  
project no.: A20-2467  
drawing no.: C\_GRD01\_A202467  
date: 02/23/2024

SHEET  
C405



REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

olsson



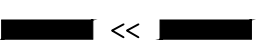
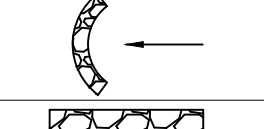
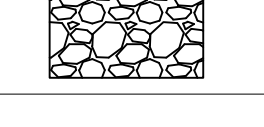



Olsson - Civil Engineering  
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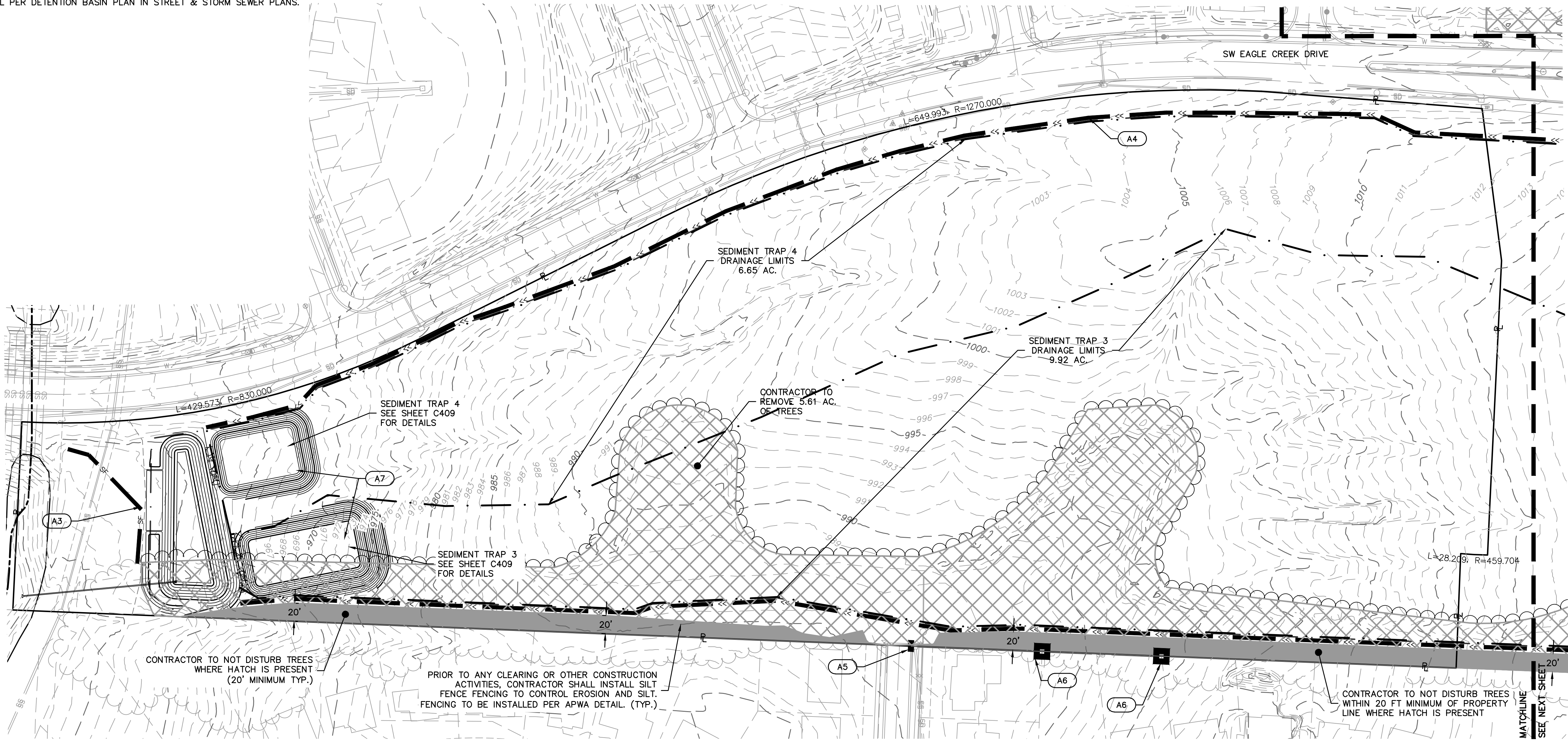
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EROSION CONTROL STAGING CHART				
PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A – PRE-MASS GRADING	A1	CONSTRUCTION ENTRANCE	C	INSTALL PER APWA DETAIL ESC-01
	A2	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC-01
	A3	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
	A4	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A5	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-06
	A6	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-07
	A7	SEDIMENT TRAP	C	INSTALL PER APWA DETAIL ESC-08
B – INTERIM	B1	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-06
	B2	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-07
	B3	ROCK DITCH CHECK	C	INSTALL PER APWA DETAIL ESC-10
UPON REMOVAL CONTRACTOR TO OVER-EXCAVATE SEDIMENT TRAPS, FULLY REMOVING ALL SILT, AND FILLING IN CONTROLLED LIFTS TO PREVENT VOIDS OR EXCESSIVE SETTLING THAT COULD IMPACT BUILDING FOUNDATIONS.				
C – DISTURBED AREA STABILIZATION	C1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS		

LEGEND	
PHASE A	
	SILT FENCE
	STORM DRAIN INLET PROTECTION
	TEMPORARY DIVERSION BERM
	ROCK CHECK DAM
	TEMPORARY STONE CONSTRUCTION ENTRANCE
	DRAINAGE AREA TO BASIN/TRAP
	DO NOT DISTURB TREES
	TREE CLEARING

WHERE SILT FENCE IS SPECIFIED, IT MAY BE REPLACED BY MULCH BERM OR WATTLES FILLED WITH MULCH AT THE CONTRACTOR'S DISCRETION.

- NOTE:**
- THE SITE DISTURBANCE PLANS INDICATES THE FINAL PLACEMENT OF EROSION CONTROL DEVICES. THE CONTRACTOR(S) MAY PROCEED WITH THE CONSTRUCTION PRIOR TO THE FINAL PLACEMENT OF THESE DEVICES BY PROVIDING ADDITIONAL DEVICES TO CONTROL EROSION ON THEIR ITEMS OF WORK. THESE DEVICES SHALL BE MAINTAINED UNTIL THE FINAL DEVICES ARE IN PLACE.
  - SEDIMENT BASIN TO BECOME PERMANENT DETENTION BASIN. THE OUTLET STRUCTURE SHOULD BE INSTALLED AT TIME OF SEDIMENT BASIN INSTALLATION TO BE UTILIZED AS SEDIMENT BASIN OUTLET. ONCE STRUCTURE IS TO BE CONVERTED TO FINAL CONFIGURATION, INSTALL PER DETENTION BASIN PLAN IN STREET & STORM SEWER PLANS.



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STATE OF MISSOURI  
STEPHEN M. SAYLOR  
NUMBER  
PE-2018021248  
PROFESSIONAL ENGINEER  
5/7/2024

BY

REV. NO.

DATE

REVISIONS DESCRIPTION

2023

2023

2023

2023

SITE DISTURBANCE PHASE A - SOUTH  
SITE DISTURBANCE PLANS

EAGLE CREEK VILLAS  
FIRST PLAT

LEE'S SUMMIT, MISSOURI

drawn by: C/W  
checked by: S/S  
approved by: L/S  
QA/QC by: J/S  
project no.: A20-2467  
drawing no.: C\_ERC01\_A202467  
date: 02/23/2024

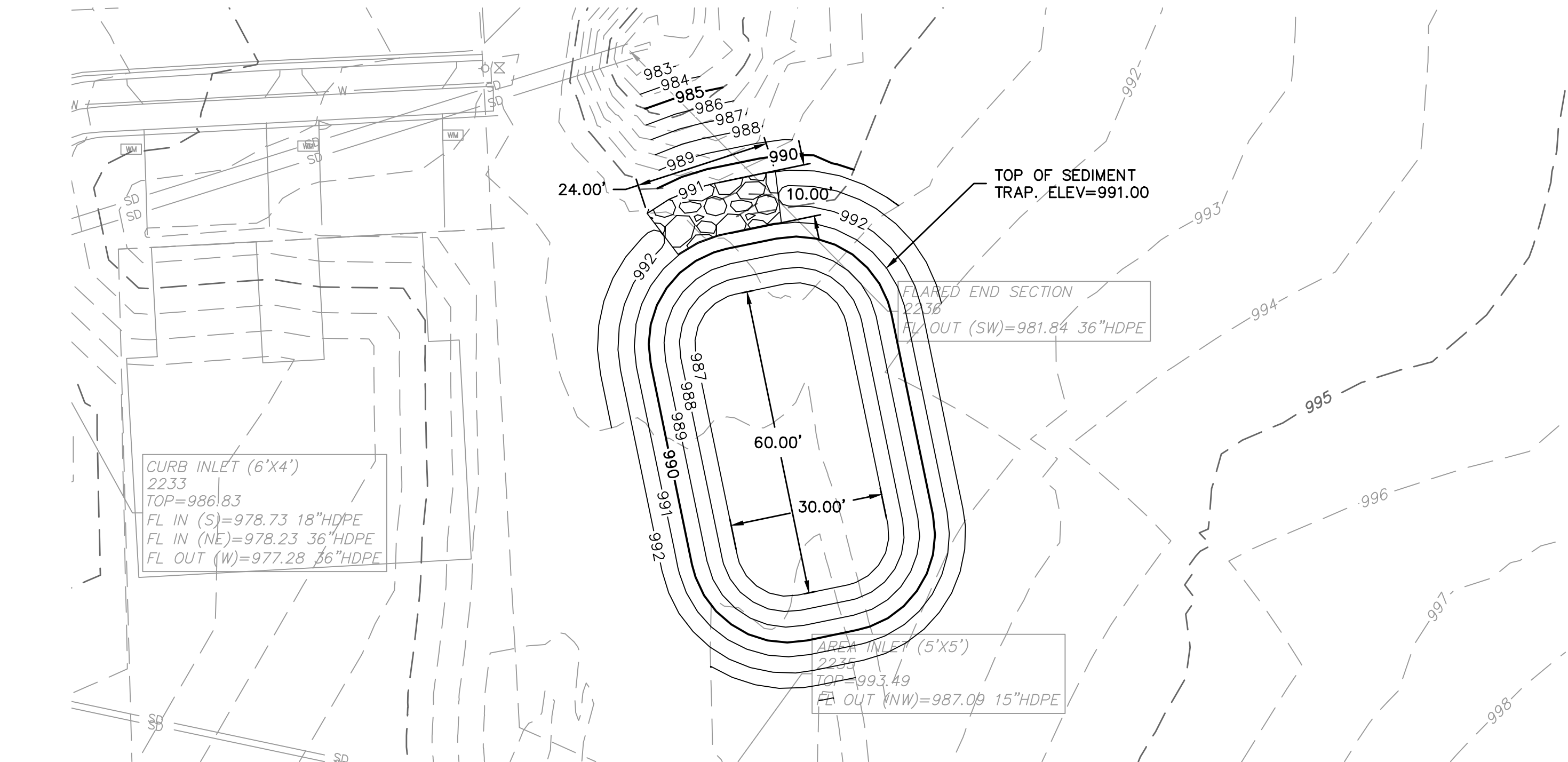
SHEET  
C406



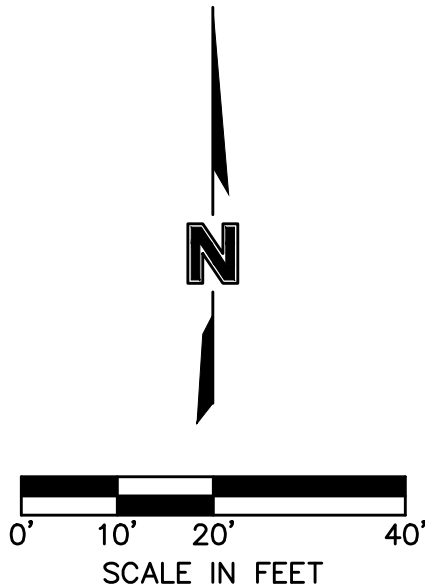




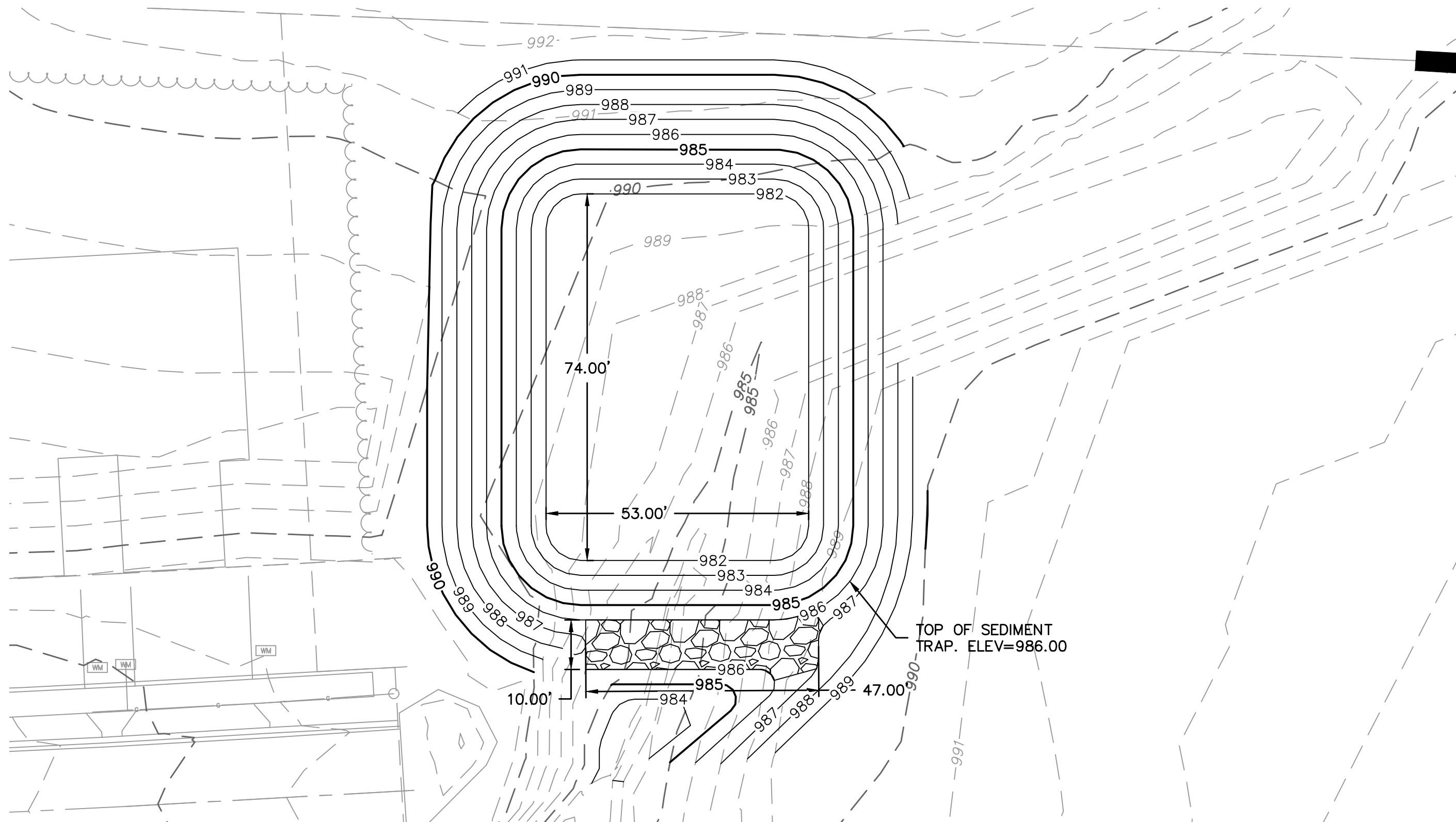
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DATE: May 06, 2024 3:26pm XREFS: C\_XBASE\_A202467 C\_PBN DY\_A202467 C\_PTLBK\_A202467 C\_PEROS\_A202467 C\_DBASE\_A202467 C\_PUTIL\_A202467 C\_PBASE\_A202467 C\_PUTIL\_A202467  
USER: sso\or



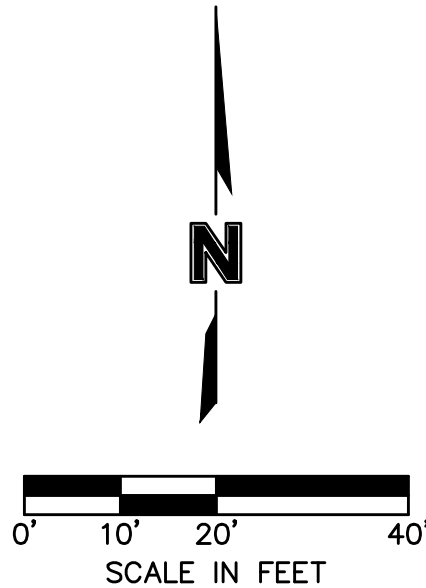
SEDIMENT TRAP 1



TRAP	TRIBUTARY AREA (AC.)	REQUIRED VOLUME (C.F.)	BERM HEIGHT "H" (FT.)	SPILLWAY HEIGHT "H <sub>s</sub> " (FT.)	STORAGE VOLUME (C.F.)	BERM TOP WIDTH "W" (FT.)	BOTTOM ELEVATION (FT.)	RIPRAP ELEVATION (FT.)	TOP OF BERM ELEVATION (FT.)	SPILLWAY LENGTH (FT.)	EXCAVATED DEPTH (FT.)	EXCAVATED VOLUME (C.F.)	SEDIMENT CLEANOUT VOLUME (C.F.)	SEDIMENT CLEANOUT ELEVATION (FT.)
1	3.90	7020.00	2	1	7592.88	2	987	991	992	24	2	2512.13	1518.58	987.77
2	7.67	13806.00	2	1	15158.82	2	982	986	987	47	2	5034.10	3031.76	982.71



SEDIMENT TRAP 2



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TEL 816.361.1177  
www.olsson.com

STATE OF MISSOURI

STEPHEN M. SAYCOR  
NUMBER  
PE-2018021248  
PROFESSIONAL ENGINEER

5/7/2024

SITE DISTURBANCE PHASE A - TRAP DETAILS  
SITE DISTURBANCE PLANS

EAGLE CREEK VILLAS  
FIRST PLAT

LEE'S SUMMIT, MISSOURI

2023

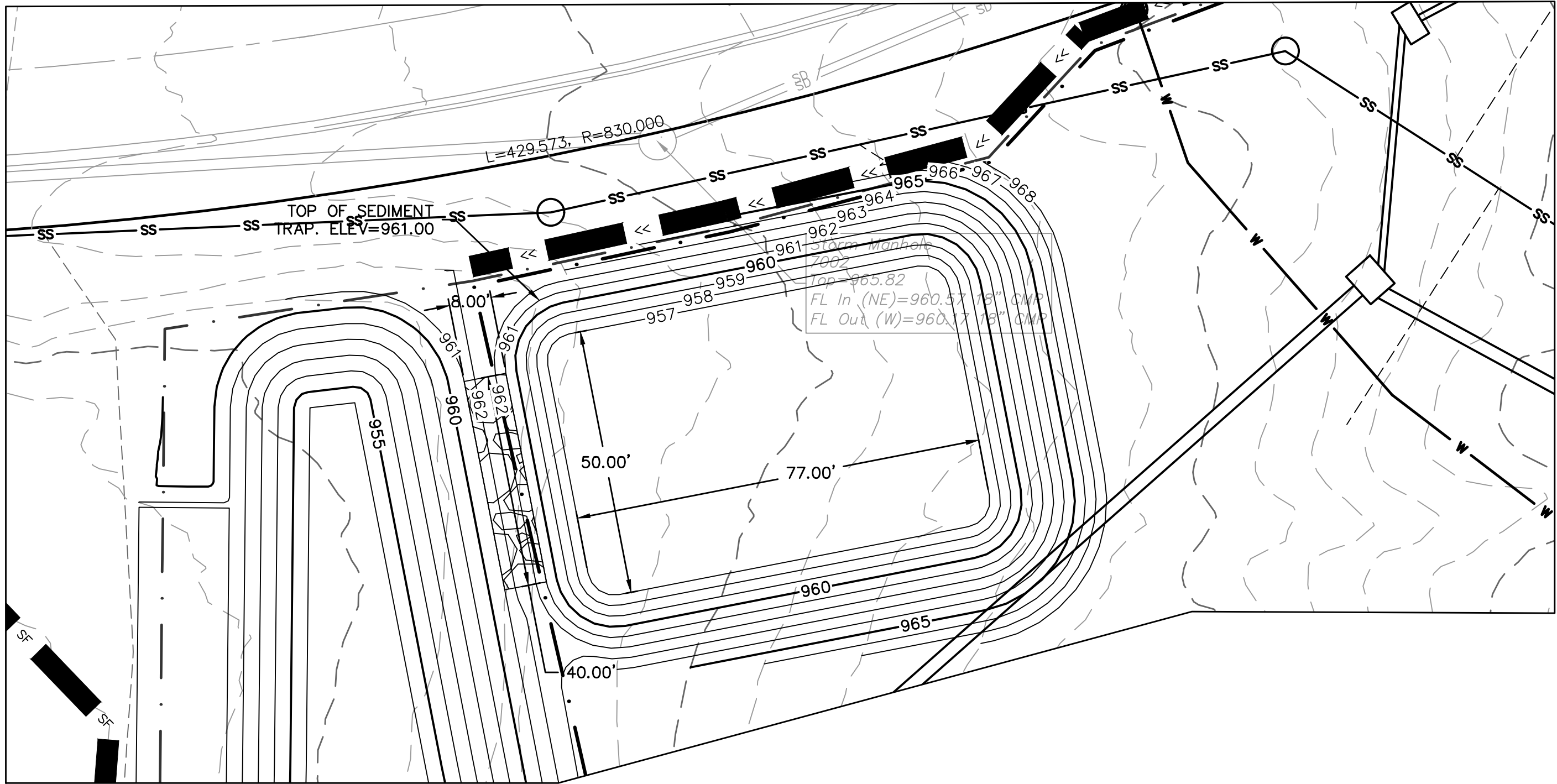
REVISIONS

drawn by: \_\_\_\_\_ C/W  
checked by: \_\_\_\_\_ S/S  
approved by: \_\_\_\_\_ L/S  
QA/QC by: \_\_\_\_\_ J/S  
project no.: A20-2467  
drawing no.: C\_ERC01\_A202467  
date: 02/23/2024

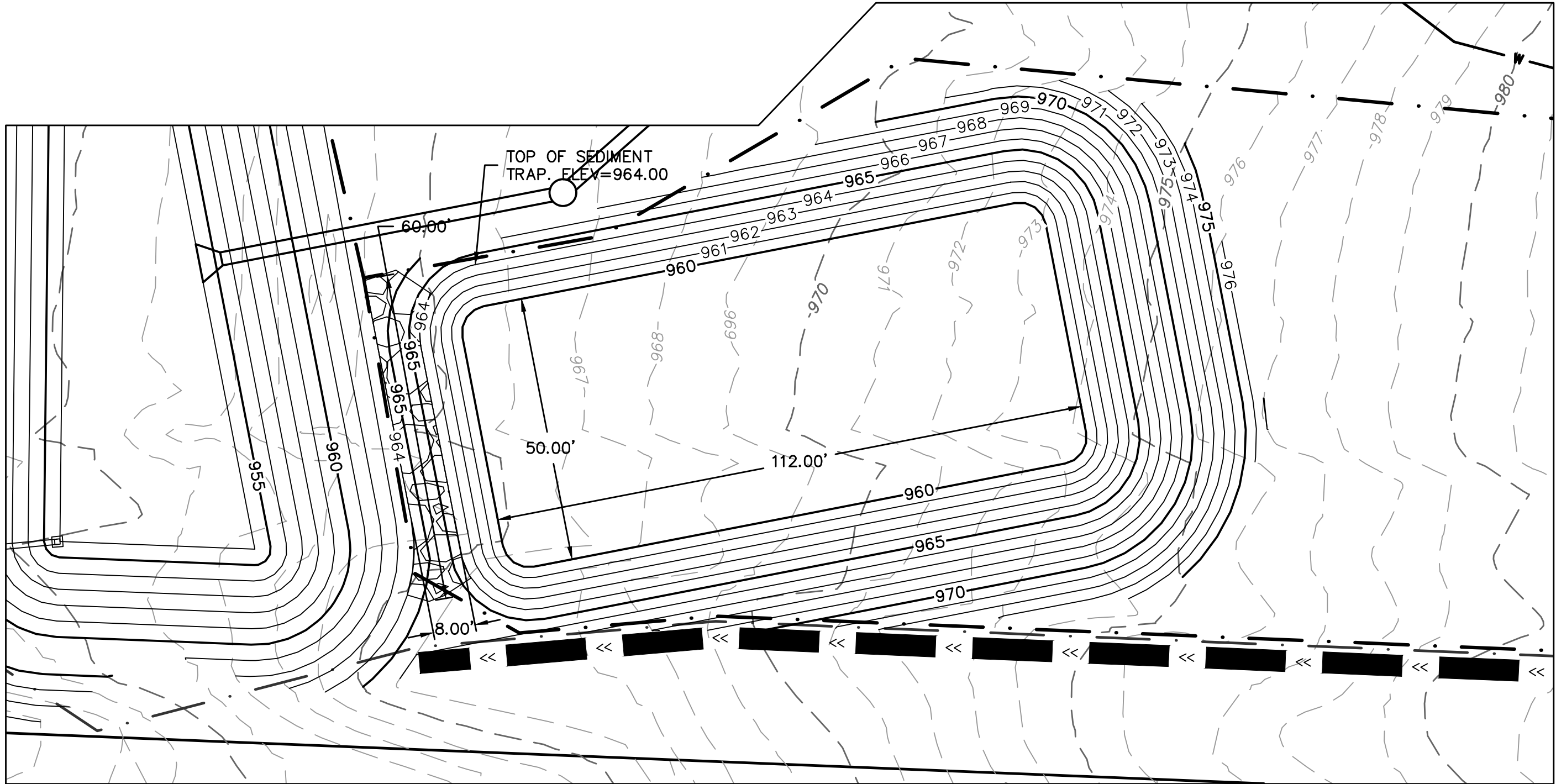
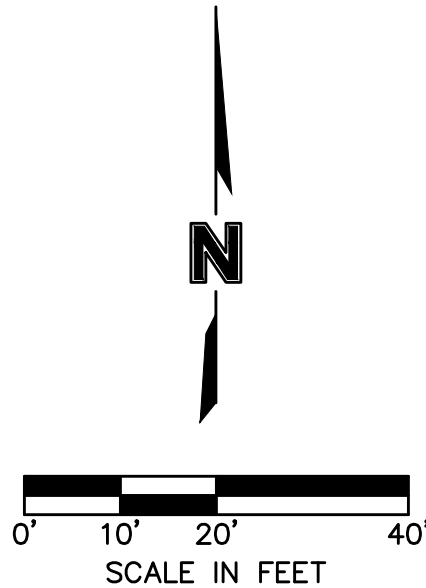
SHEET  
C408



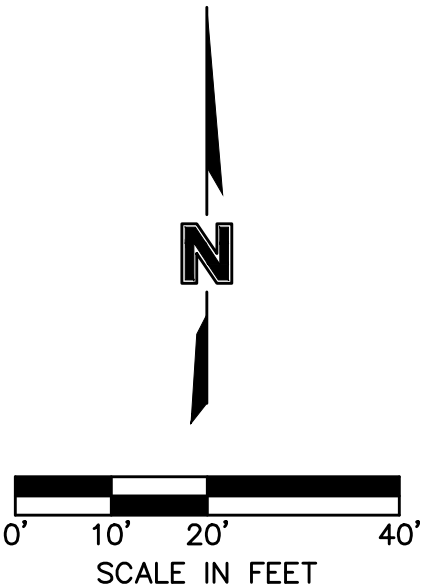
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USER: sso\or



SEDIMENT TRAP 4



SEDIMENT TRAP 3



TRAP	TRIBUTARY AREA (AC.)	REQUIRED VOLUME (C.F.)	BERM HEIGHT "H" (FT.)	SPILLWAY HEIGHT "H <sub>o</sub> " (FT.)	STORAGE VOLUME (C.F.)	BERM TOP WIDTH "W" (FT.)	BOTTOM ELEVATION (FT.)	RIPRAP ELEVATION (FT.)	TOP OF BERM ELEVATION (FT.)	SPILLWAY LENGTH (FT.)	EXCAVATED DEPTH (FT.)	EXCAVATED VOLUME (C.F.)	SEDIMENT CLEANOUT VOLUME (C.F.)	SEDIMENT CLEANOUT ELEVATION (FT.)
3	9.92	17856.00	2	1	19684.46	2	960	964	965	60	2	6553.16	3936.89	960.67
4	6.65	11970.00	2	1	13804.38	2	957	961	962	40	2	4592.96	2760.88	957.68

SITE DISTURBANCE PHASE A - TRAP DETAILS  
SITE DISTURBANCE PLANS

EAGLE CREEK VILLAS  
FIRST PLAT

LEE'S SUMMIT, MISSOURI

2023

REVISIONS

drawn by: \_\_\_\_\_  
checked by: \_\_\_\_\_  
approved by: \_\_\_\_\_  
QA/QC by: \_\_\_\_\_  
project no.: \_\_\_\_\_  
drawing no.: \_\_\_\_\_  
date: \_\_\_\_\_

CW  
SS  
LS  
JS  
A20-2467  
C\_ERC01\_A202467  
02/23/2024

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North Kansas City, MO 64116  
TEL 816.361.1177  
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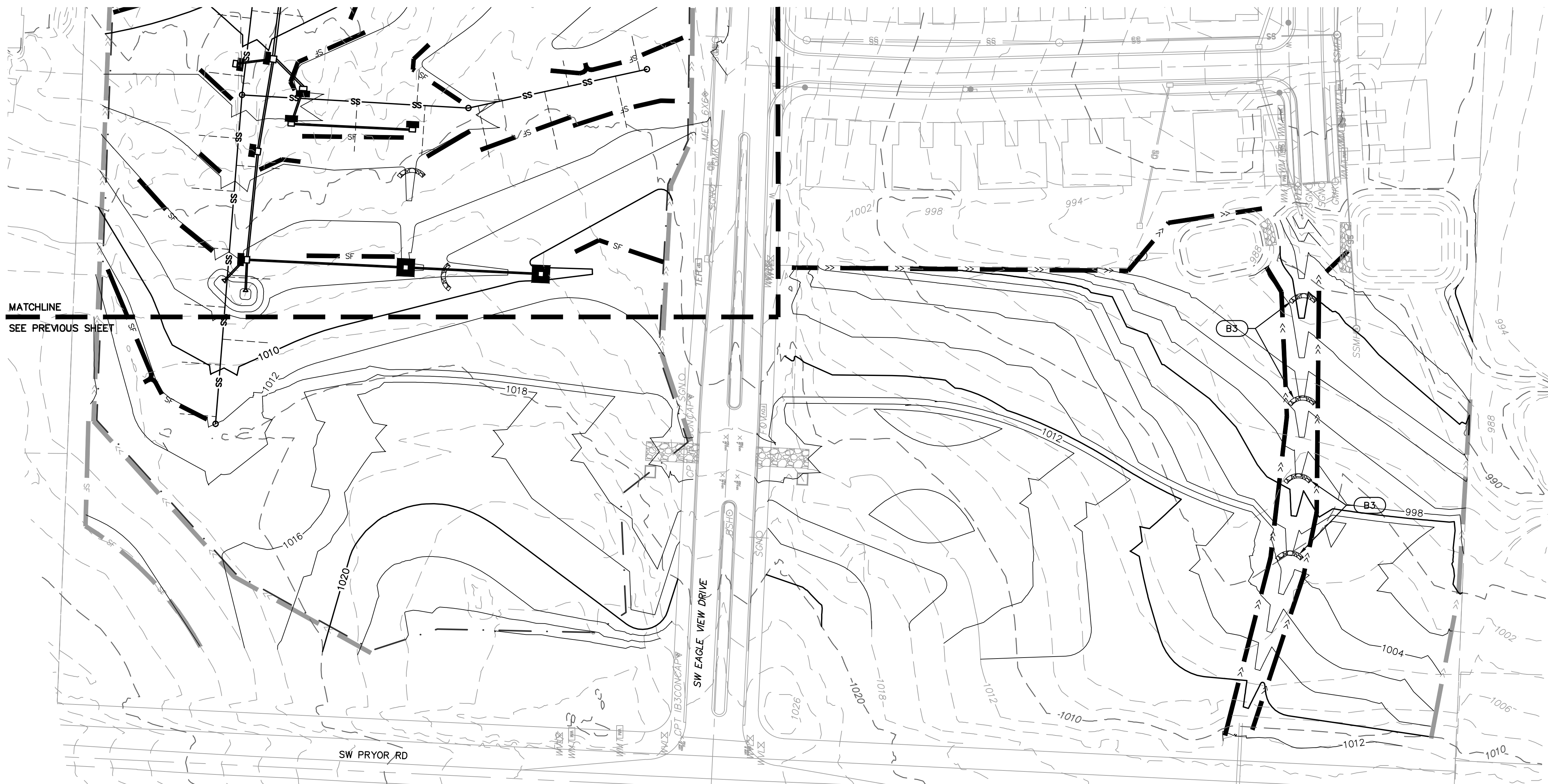
STATE OF MISSOURI  
STEPHEN M. SAYLOR  
NUMBER  
PE-2018021248  
5/7/2024







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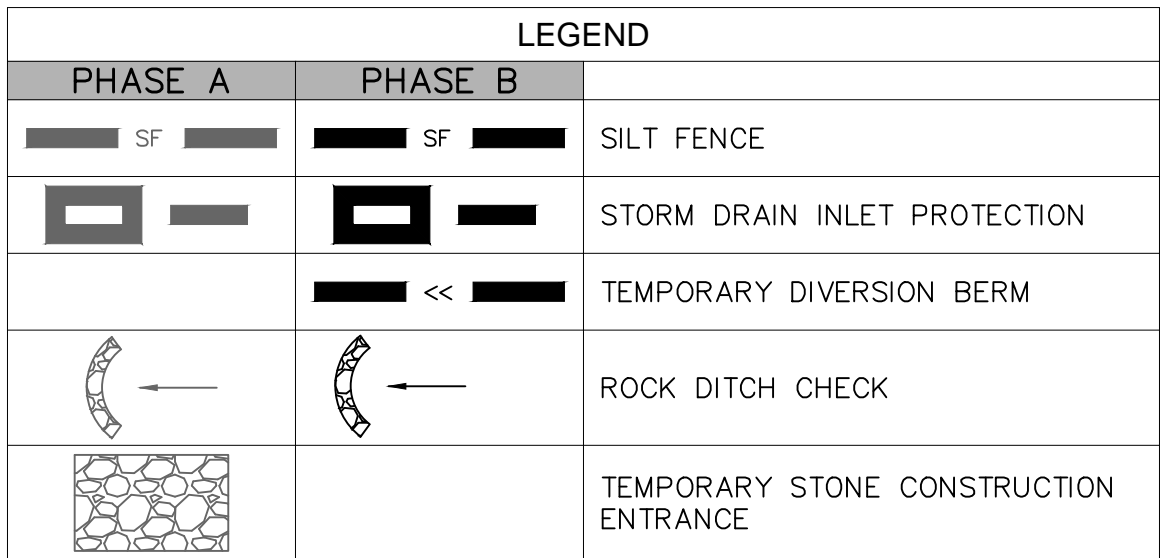


EROSION CONTROL STAGING CHART				
PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A – PRE–MASS GRADING	A1	CONSTRUCTION ENTRANCE	C	INSTALL PER APWA DETAIL ESC–01
	A2	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC–01
	A3	SILT FENCE	C	INSTALL PER APWA DETAIL ESC–03
	A4	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC–05
	A5	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC–06
	A6	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC–07
	A7	SEDIMENT TRAP	C	INSTALL PER APWA DETAIL ESC–08
B – INTERIM	B1	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC–06
	B2	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC–07
	B3	ROCK DITCH CHECK	C	INSTALL PER APWA DETAIL ESC–10
UPON REMOVAL CONTRACTOR TO OVER–EXCAVATE SEDIMENT TRAPS, FULLY REMOVING ALL SILT, AND FILLING IN CONTROLLED LIFTS TO PREVENT VOIDS OR EXCESSIVE SETTLING THAT COULD IMPACT BUILDING FOUNDATIONS.				
C – DISTURBED AREA STABILIZATION	C1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS		

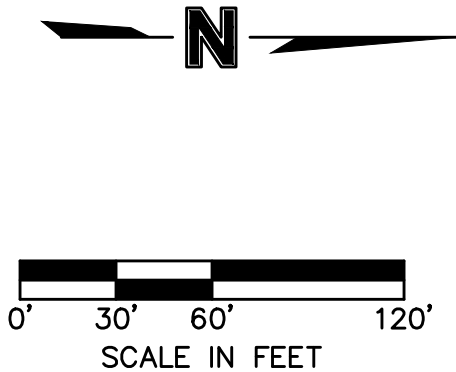
**NOTE:**

1. THE SITE DISTURBANCE PLANS INDICATES THE FINAL PLACEMENT OF EROSION CONTROL DEVICES. THE CONTRACTOR(S) MAY PROCEED WITH THE CONSTRUCTION PRIOR TO THE FINAL PLACEMENT OF THESE DEVICES BY PROVIDING ADDITIONAL DEVICES TO CONTROL EROSION ON THEIR ITEMS OF WORK. THESE DEVICES SHALL BE MAINTAINED UNTIL THE FINAL DEVICES ARE IN PLACE.

2. SEDIMENT BASIN TO BECOME PERMANENT DETENTION BASIN. THE OUTLET STRUCTURE SHOULD BE INSTALLED AT TIME OF SEDIMENT BASIN INSTALLATION TO BE UTILIZED AS SEDIMENT BASIN OUTLET. ONCE STRUCTURE IS TO BE CONVERTED TO FINAL CONFIGURATION, INSTALL PER DETENTION BASIN PLAN IN STREET & STORM SEWER PLANS.



WHERE SILT FENCE IS SPECIFIED, IT MAY BE REPLACED BY MULCH BERM OR WATTLES FILLED WITH MULCH AT THE CONTRACTOR'S DISCRETION.




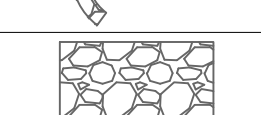
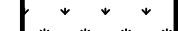




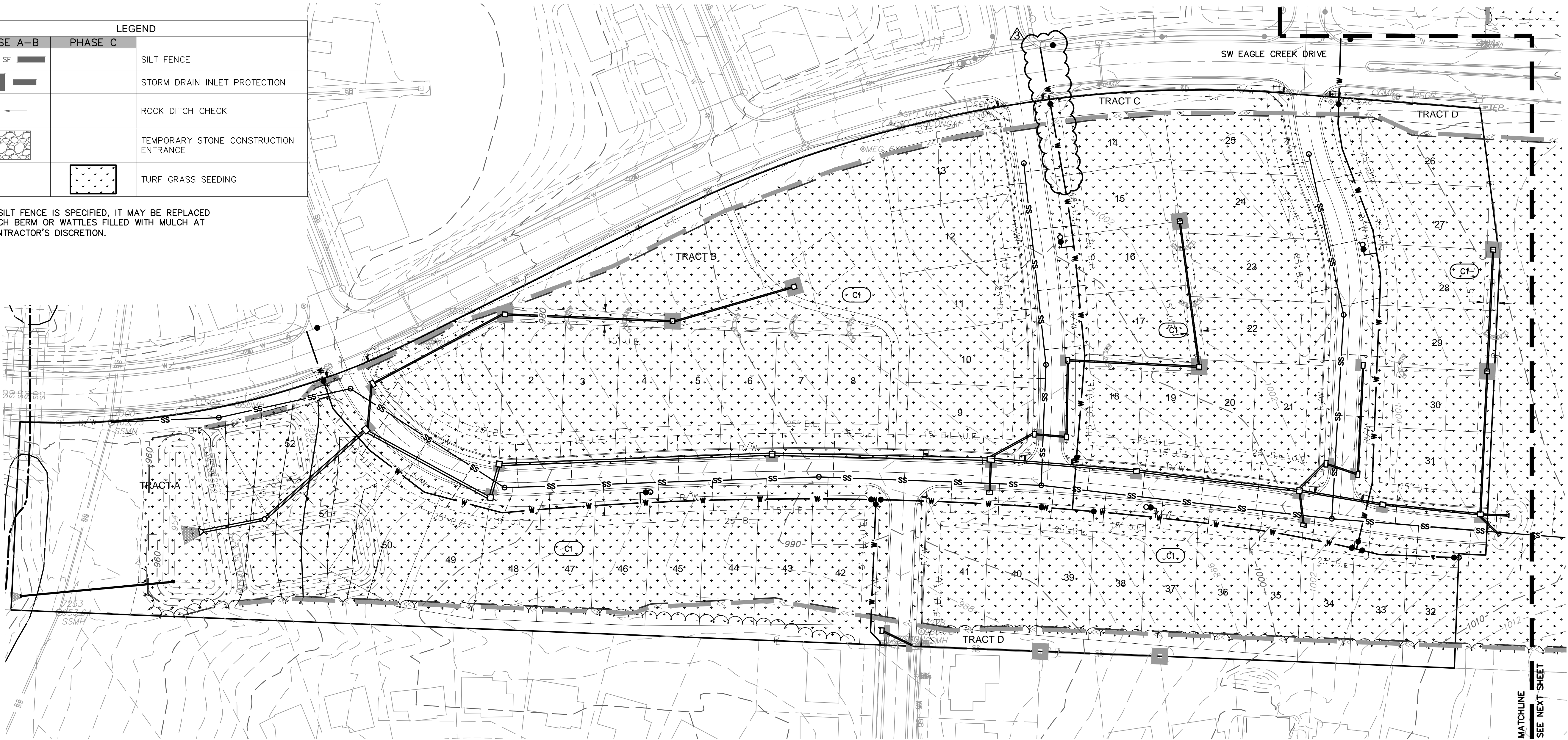
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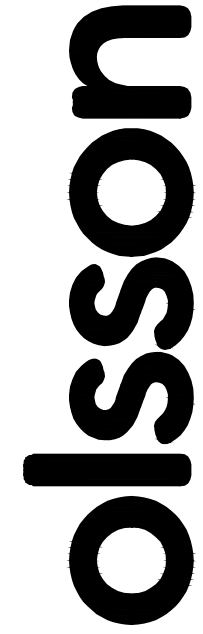
EROSION CONTROL STAGING CHART				
PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A – PRE-MASS GRADING	A1	CONSTRUCTION ENTRANCE	C	INSTALL PER APWA DETAIL ESC-01
	A2	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC-01
	A3	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
	A4	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A5	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-06
	A6	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-07
	A7	SEDIMENT TRAP	C	INSTALL PER APWA DETAIL ESC-08
B – INTERIM	B1	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-06
	B2	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-07
	B	ROCK DITCH CHECK	C	INSTALL PER APWA DETAIL ESC-10
UPON REMOVAL CONTRACTOR TO OVER-EXCAVATE SEDIMENT TRAPS, FULLY REMOVING ALL SILT, AND FILLING IN CONTROLLED LIFTS TO PREVENT VOIDS OR EXCESSIVE SETTLING THAT COULD IMPACT BUILDING FOUNDATIONS.				
C – DISTURBED AREA STABILIZATION	C1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS		

**NOTE:**  
1. THE SITE DISTURBANCE PLANS INDICATES THE FINAL PLACEMENT OF EROSION CONTROL DEVICES. THE CONTRACTOR(S) MAY PROCEED WITH THE CONSTRUCTION PRIOR TO THE FINAL PLACEMENT OF THESE DEVICES BY PROVIDING ADDITIONAL DEVICES TO CONTROL EROSION ON THEIR ITEMS OF WORK. THESE DEVICES SHALL BE MAINTAINED UNTIL THE FINAL DEVICES ARE IN PLACE.  
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LEGEND	
PHASE A-B	PHASE C
	SILT FENCE
	STORM DRAIN INLET PROTECTION
	ROCK DITCH CHECK
	TEMPORARY STONE CONSTRUCTION ENTRANCE
	TURF GRASS SEEDING

WHERE SILT FENCE IS SPECIFIED, IT MAY BE REPLACED BY MULCH BERM OR WATTLES FILLED WITH MULCH AT THE CONTRACTOR'S DISCRETION.





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5/7/2024

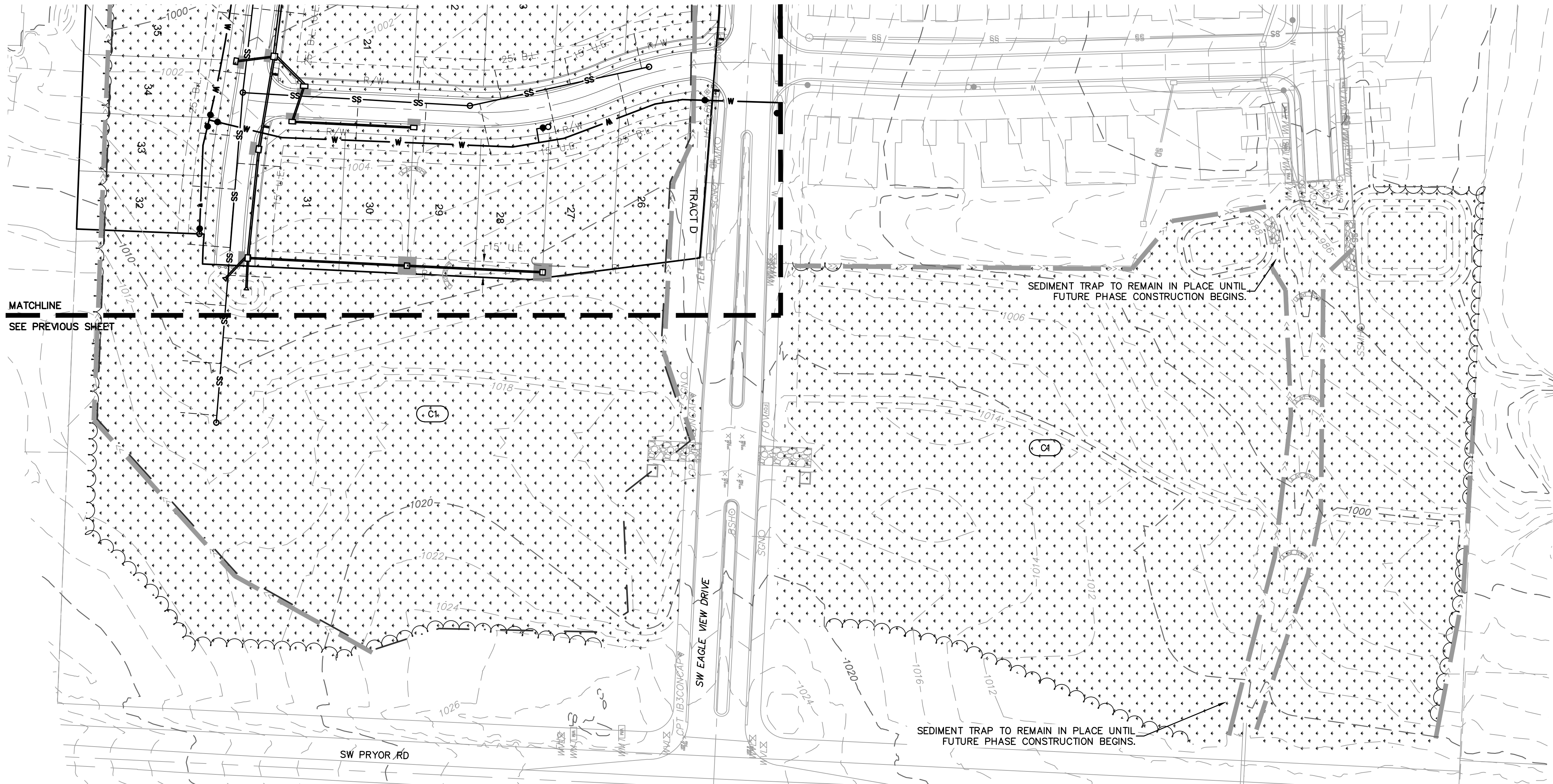
SITE DISTURBANCE PHASE C - SOUTH SITE DISTURBANCE PLANS EAGLE CREEK VILLAS FIRST PLAT LEE'S SUMMIT, MISSOURI	REV.	NO.	DATE	REVISIONS DESCRIPTION	BY
	3		05/07/2024	REVISED PER CITY COMMENTS	
2023					REVISIONS

drawn by: \_\_\_\_\_ C/S  
checked by: \_\_\_\_\_ S/S  
approved by: \_\_\_\_\_ L/S  
QA/QC by: \_\_\_\_\_ L/S  
project no.: A20-2467  
drawing no.: C\_ERC03\_A202467  
date: 02/23/2024

SHEET  
C412




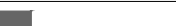




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EROSION CONTROL STAGING CHART				
PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A – PRE-MASS GRADING	A1	CONSTRUCTION ENTRANCE	C	INSTALL PER APWA DETAIL ESC-01
	A2	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC-01
	A3	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
	A4	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A5	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-06
	A6	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-07
	A7	SEDIMENT TRAP	C	INSTALL PER APWA DETAIL ESC-08
B – INTERIM	B1	CURB INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-06
	B2	AREA INLET PROTECTION	C	INSTALL PER APWA DETAIL ESC-07
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UPON REMOVAL CONTRACTOR TO OVER-EXCAVATE SEDIMENT TRAPS, FULLY REMOVING ALL SILT, AND FILLING IN CONTROLLED LIFTS TO PREVENT VOIDS OR EXCESSIVE SETTLING THAT COULD IMPACT BUILDING FOUNDATIONS.				
C – DISTURBED AREA STABILIZATION	C1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS		

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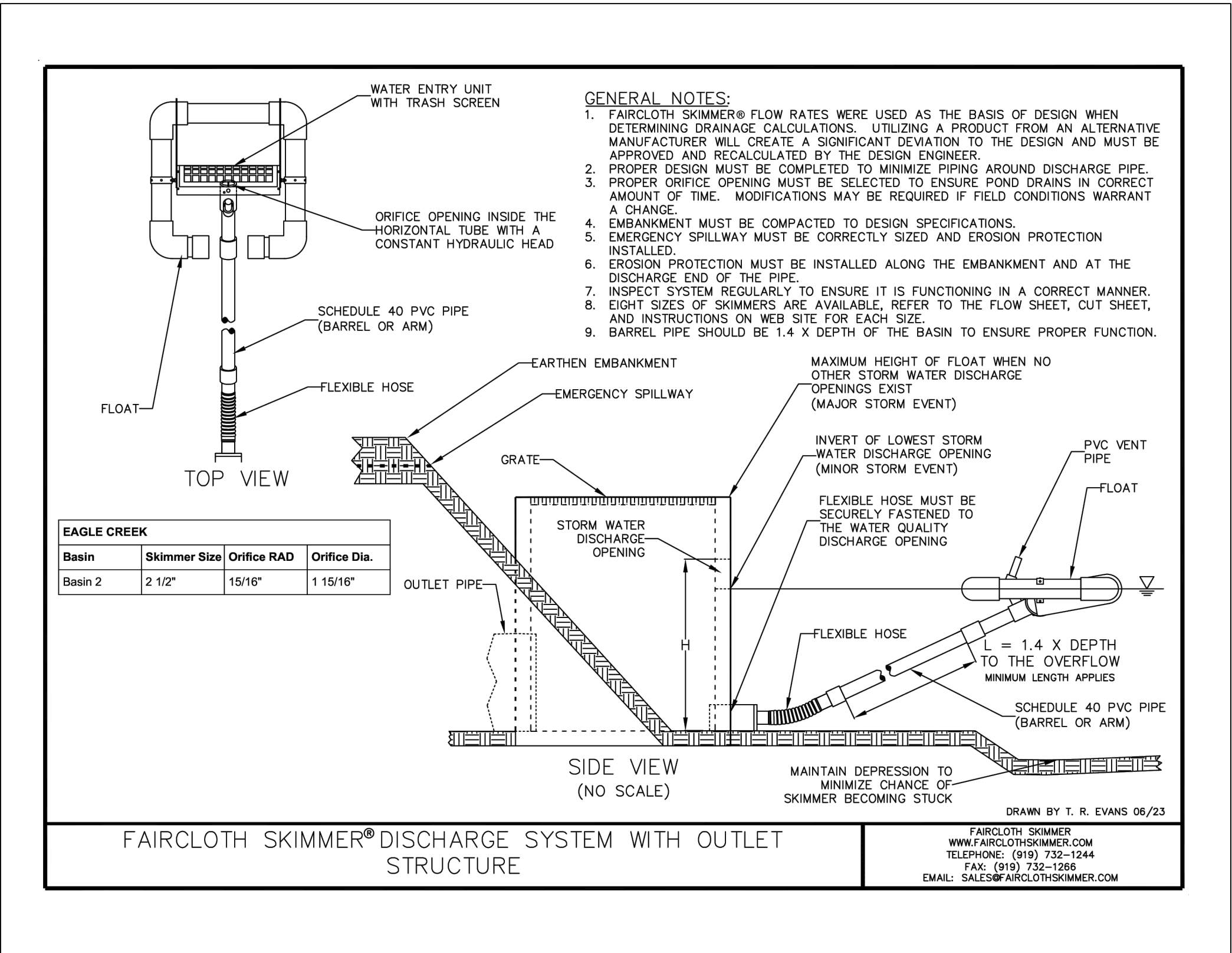
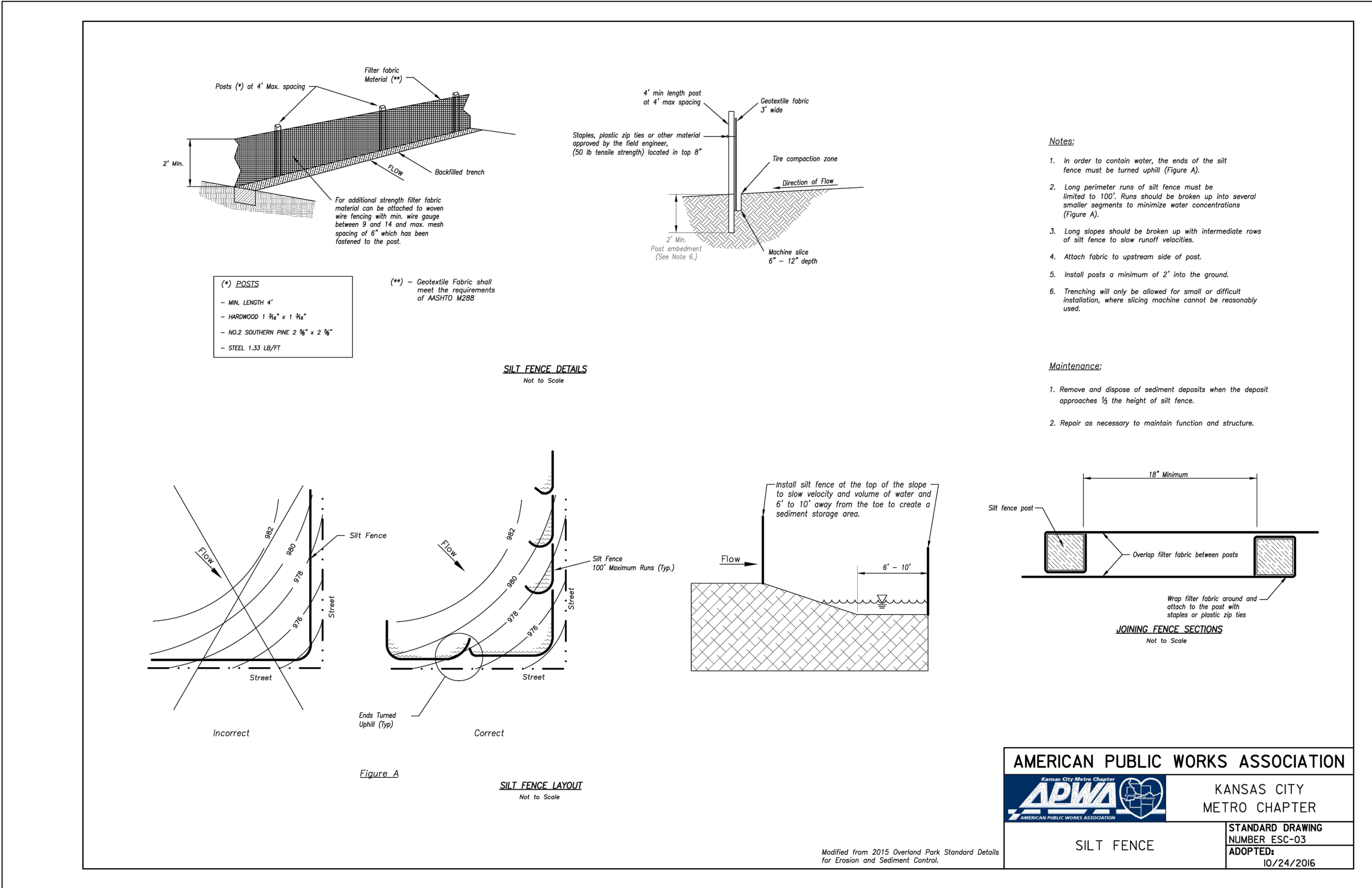
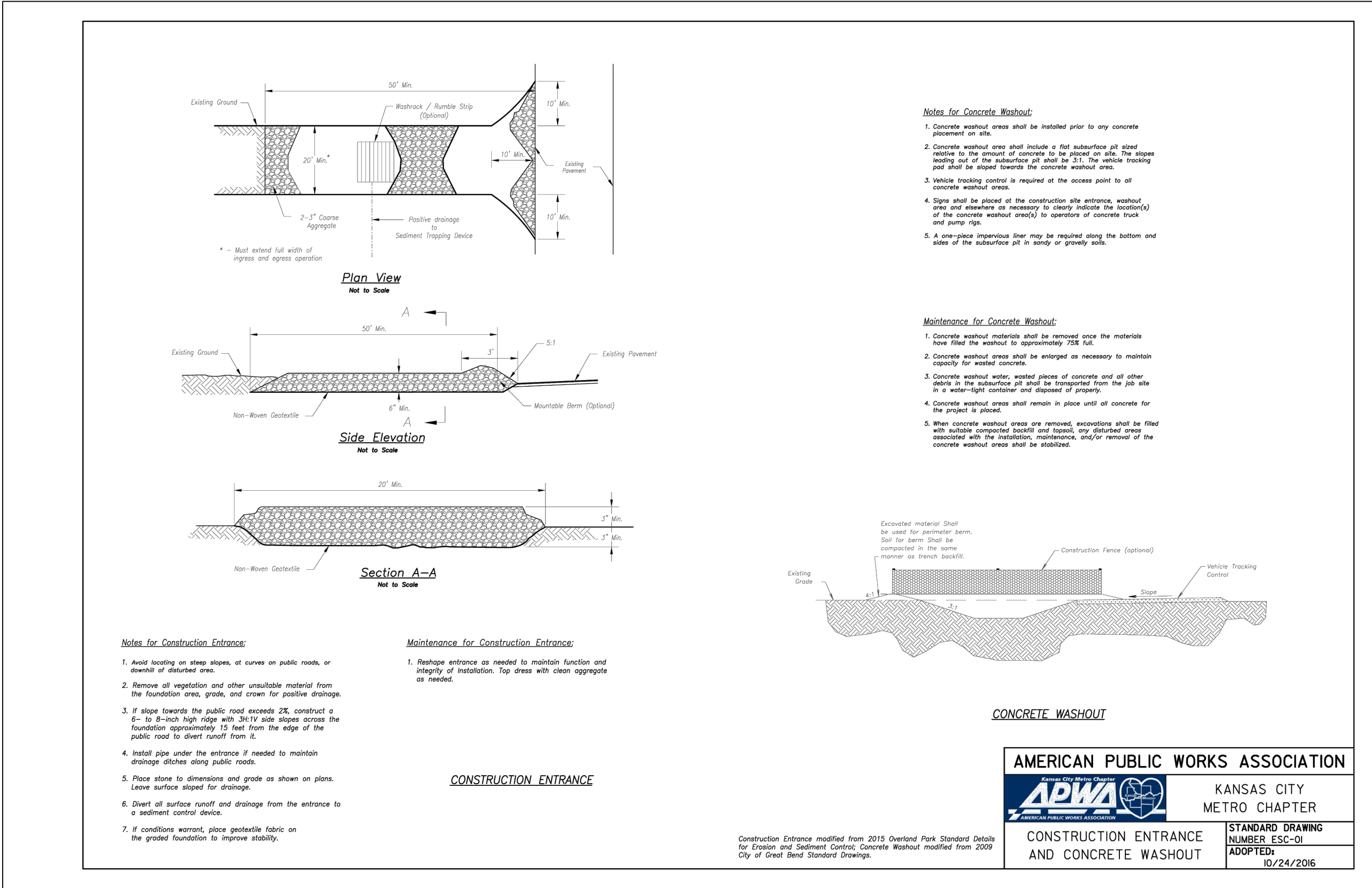
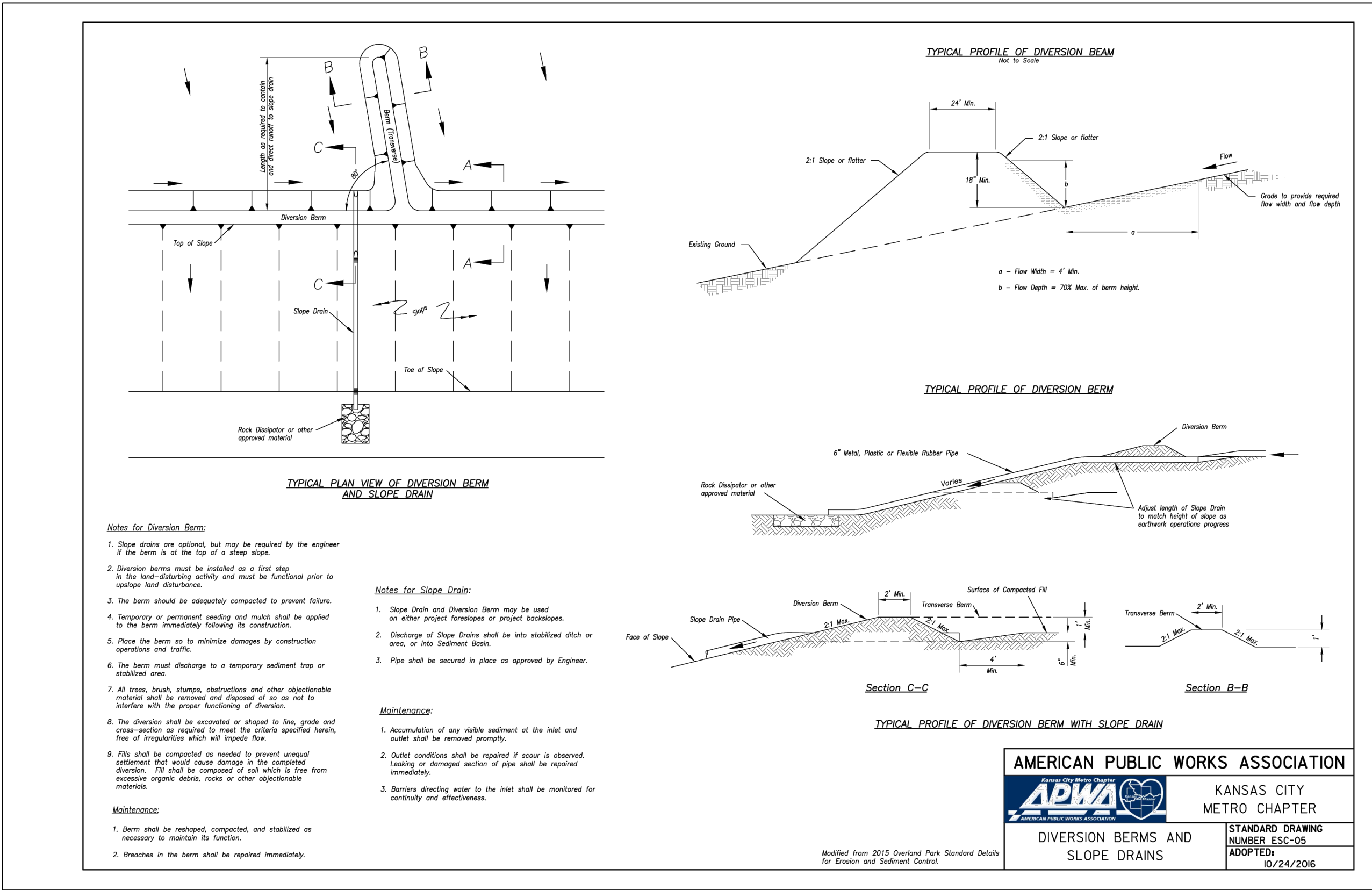
LEGEND	
PHASE A-B	PHASE C
	SILT FENCE
	STORM DRAIN INLET PROTECTION
	TEMPORARY DIVERSION BERM
	ROCK DITCH CHECK
	TEMPORARY STONE CONSTRUCTION ENTRANCE
	
	TURF GRASS SEEDING

WHERE SILT FENCE IS SPECIFIED, IT MAY BE REPLACED BY MULCH BERM OR WATTLES FILLED WITH MULCH AT THE CONTRACTOR'S DISCRETION.

A north arrow pointing upwards with the letter 'N' at the top. Below it is a graphic scale bar with markings at 0', 30', 60', and 120'. The text 'SCALE IN FEET' is centered below the bar.

[illegible]





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STATE OF MISSOURI  
STEPHEN M. SAYCOR  
NUMBER  
PE-2018021248  
5/7/2024

BY  
REV. NO.  
DATE  
REVISIONS DESCRIPTION

DETAIL SHEET (SHEET 1 OF 2)  
SITE DISTURBANCE PLANS  
EAGLE CREEK VILLAS  
FIRST PLAT  
LEE'S SUMMIT, MISSOURI  
2023

drawn by: COW  
checked by: JS  
approved by: JS  
QA/QC by: JS  
project no.: A20-2467  
drawing no.: C-DTL01 A202467  
date: 02/23/2024

SHEET  
C414



