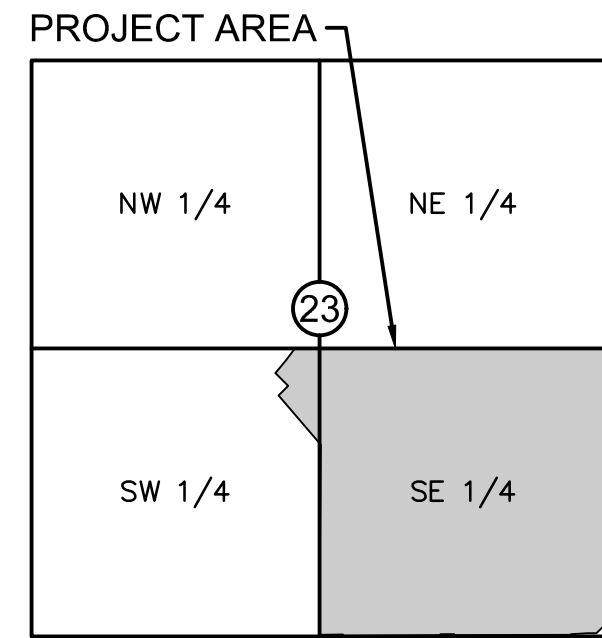


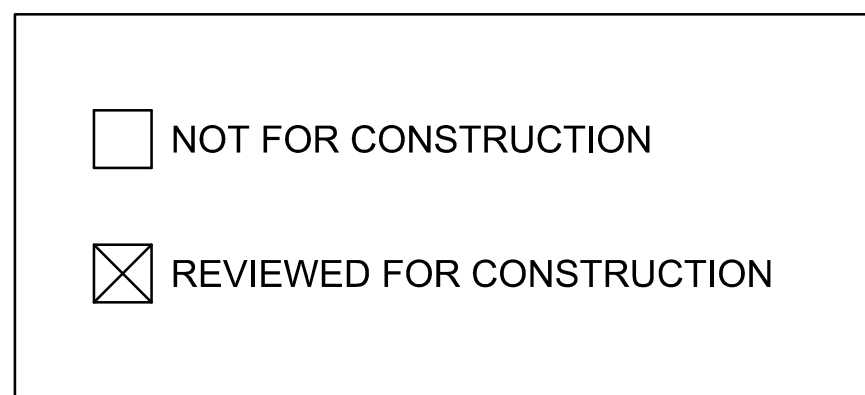
HOOK FARMS FIRST PLAT SITE DISTURBANCE PLANS

SECTION 23, TOWNSHIP 47 N, RANGE 32 W
IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
DISTURBED AREA = 23.62 AC



VICINITY MAP
S23, T47N, R32W
SCALE 1"=2000'

PROJECT TEAM & UTILITY CONTACT LIST	
OWNER / DEVELOPER HUNT MIDWEST REAL ESTATE DEVELOPMENT, INC. 8300 NE UNDERGROUND DRIVE KANSAS CITY, MO 64161 CONTACT: AARON SCHMIDT PHONE: 816.459.4285 EMAIL: ASCHMIDT@HUNTMIDWEST.COM	UTILITY SERVICE NUMBERS NAME: LEE'S SUMMIT PUBLIC WORKS PHONE: 816-969-1800 NAME: LEE'S SUMMIT WATER SERVICES DEPT. PHONE: 816-969-1940 NAME: SPIRE PHONE: 816-756-5252
ENGINEER OLSSON 1301 BURLINGTON STREET, SUITE 100 NORTH KANSAS CITY, MISSOURI 64116 CONTACT: JULIE E. SELLERS, P.E. PHONE: 816.361.1177	NAME: AT&T PHONE: 800-286-8313 NAME: EVERGY PHONE: 888-471-5275 NAME: SPECTRUM PHONE: 816-358-5360
SURVEYOR OLSSON 1301 BURLINGTON STREET, SUITE 100 NORTH KANSAS CITY, MISSOURI 64116 CONTACT: JASON ROUDEBUSH, P.L.S. PHONE: 816.361.1177	NAME: GOOGLE FIBER PHONE: 877-454-6959



PROPERTY DESCRIPTION:

(AS PROVIDED BY CHICAGO TITLE INSURANCE COMPANY, NOVEMBER 1, 2018)

ALL THAT PART OF THE SOUTHEAST QUARTER OF SECTION 23, TOWNSHIP 47, RANGE 32, IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, BEING BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID SOUTHEAST QUARTER; THENCE SOUTH 89 DEGREES 45 MINUTES 34 SECONDS EAST, ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER, 2613.19 FEET TO ITS INTERSECTION WITH THE WEST RIGHT-OF-WAY LINE OF PRYOR ROAD AS NOW ESTABLISHED; THENCE SOUTH 02 DEGREES 45 MINUTES 31 SECONDS WEST, ALONG SAID WEST RIGHT-OF-WAY LINE, 2520.50 FEET; THENCE SOUTH 47 DEGREES 23 MINUTES 30 SECONDS WEST, ALONG SAID WEST RIGHT-OF-WAY LINE, 135.21 FEET TO ITS INTERSECTION WITH THE NORTH RIGHT-OF-WAY LINE OF HOOK ROAD, AS NOW ESTABLISHED; THENCE NORTH 87 DEGREES 58 MINUTES 31 SECONDS WEST, ALONG SAID NORTH RIGHT-OF-WAY LINE, 2264.70 FEET; THENCE NORTH 02 DEGREES 43 MINUTES 25 SECONDS EAST, ALONG SAID NORTH RIGHT-OF-WAY LINE, 10.00 FEET; THENCE NORTH 87 DEGREES 58 MINUTES 31 SECONDS WEST, ALONG SAID NORTH RIGHT-OF-WAY LINE, 252.00 FEET TO A POINT ON THE WEST LINE OF SAID SOUTHEAST QUARTER; THENCE NORTH 02 DEGREES 43 MINUTES 25 SECONDS EAST ALONG SAID WEST LINE, 2615.22 FEET TO THE POINT OF BEGINNING.

Sheet List Table	
Sheet Number	Sheet Title
C501	TITLE SHEET
C502	GENERAL NOTES
C503	GENERAL LAYOUT
C504	GRADING PLAN
C505	SITE DISTURBANCE PROJECT STAGE A
C506	SITE DISTURBANCE PROJECT STAGE A DETAILS
C507	SITE DISTURBANCE PROJECT STAGE B
C508	SITE DISTURBANCE PROJECT STAGE C
C509	SITE DISTURBANCE PROJECT STAGE D
C510	DETAIL SHEET
C511	DETAIL SHEET
C512	DETAIL SHEET

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 29095C0531G, REVISION DATE JANUARY 20, 2017.

DWG: F:\2019\4001-4500\019-4061-Design\AutoCAD\Final Plans\Sheets\GNCV\Site Disturbance Plans\C_TTL01_0194061.dwg
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RELEASE FOR CONSTRUCTION
 AS NOTED ON PLANS REVIEW
 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI
 07/01/2020

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1	06/15/2020	REVISED PER CITY COMMENTS	
2	06/25/2020	REVISED PER CITY COMMENTS	

TITLE SHEET
SITE DISTURBANCE PLANS

HOOK FARMS
FIRST PLAT

2020

LEE'S SUMMIT, MO

REVISIONS

drawn by: CGW

checked by: JES

approved by: NDH

QA/QC by: JES

project no.: 019-4061

drawing no.: 04/20/2020

SHEET
C501

DWG: F:\2019\4001-4500\019-4061-40-Design\AutoCAD\Final Plans\Sheets\NCV\Site Disturbance Plans\C_TTL01_0194061.dwg
DATE: Jun 29, 2020 7:01pm
USER: nheiser
XREFS: C_P\BLK_0194061_34x22

GENERAL NOTES:

1. THE INTENT OF THIS LAND DISTURBANCE PLAN IS TO ASSIST THE DEVELOPER IN HIS RESPONSIBILITY TO PROVIDE ALL MATERIALS, TOOLS, EQUIPMENT AND LABOR NECESSARY TO CONTROL EROSION, SILTATION AND DISCHARGES OF SOIL MATERIAL (SEDIMENT) INTO DOWNSTREAM SYSTEMS OR RECEIVING CHANNELS. THIS SHALL BE REQUIRED DURING ALL PHASES OF CONSTRUCTION AND UNTIL SUITABLE GROUND COVER IS ESTABLISHED FOR ALL DISTURBED AREAS. IF ANY METHOD OF CONTROL FAILS, THE DEVELOPER SHALL NOTIFY THE OWNER IMMEDIATELY, SO THAT THE OWNER OR HIS AGENT CAN REVIEW THE DEVELOPER'S PROPOSED METHOD OF REPAIR.

THIS PLAN INDICATES THE CRITICAL AREA(S) OF CONCERN AND THESE AREA(S) WILL BE CONTROLLED AS A MINIMUM. THE CONTROL MAY CONSIST OF TEMPORARY CONTROL MEASURES AS SHOWN ON THE PLANS OR ORDERED BY THE OWNER DURING THE LIFE OF THE CONTRACT TO CONTROL EROSION OR WATER POLLUTION, THROUGH THE USE OF BERMS, DIKES, DAMS, SEDIMENT BASINS, FIBER MATS, NETTING, STRAW BALES, GRAVEL, MULCHES, GRASSES, SLOPE DRAINS, DIVERSION SWALES OR OTHER EROSION CONTROL DEVICES OR METHODS. THE OWNER HAS THE AUTHORITY TO LIMIT THE SURFACE AREA OF ERODIBLE EARTH MATERIAL EXPOSED BY THE CONSTRUCTION OPERATIONS AND TO DIRECT THE DEVELOPER TO PROVIDE IMMEDIATE PERMANENT OR TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT STREAMS OR OTHER WATER COURSES, LAKES, PONDS, OR OTHER AREAS OF WATER IMPOUNDMENT OR CONVEYANCES.

THE TEMPORARY POLLUTION CONTROL PROVISIONS CONTAINED HEREIN SHALL BE COORDINATED WITH ANY PERMANENT EROSION CONTROL FEATURES SPECIFIED ELSEWHERE IN THE CONTRACT TO THE EXTENT PRACTICAL TO ASSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS EROSION CONTROL THROUGHOUT THE CONSTRUCTION AND POST CONSTRUCTION PERIOD.

2. THIS SEDIMENTATION CONTROL PLAN MAKES USE OF THE FOLLOWING APPLICATIONS:

- ___PRESERVATION OF EXISTING VEGETATION
- _X_SEDIMENT BARRIERS
- _X_SEDIMENT TRAPS
- _X_INLET PROTECTION
- ___OUTLET PROTECTION
- ___SOIL RETAINING SYSTEMS
- ___SLOPE DRAINS
- ___SUBSURFACE DRAINS

PHYSICAL DESCRIPTION OF EACH SPECIFIC SEDIMENT CONTROL DEVICE TO BE UTILIZED IS CALLED OUT ON THE PLANS WITH INSTALLATION PROCEDURES, CONSTRUCTION SPECIFICATIONS AND MAINTENANCE ARRANGEMENT AS CALLED FOR ON THE DETAIL SHEET. IN ADDITION TO THE MEASURES SPECIFIED, THE FOLLOWING GENERAL PRACTICES SHALL BE ADHERED TO WHEN APPLICABLE.

A) CLEARING AND GRUBBING WITHIN 50' OF A DEFINED DRAINAGE COURSE SHOULD BE AVOIDED WHEN POSSIBLE. WHERE CHANGES TO A DEFINED DRAINAGE COURSE OCCUR, WORK SHOULD BE DELAYED UNTIL ALL MATERIALS AND EQUIPMENT NECESSARY TO PROTECT AND COMPLETE THE DRAINAGE CHANGE ARE ON SITE. CHANGES SHALL BE COMPLETED AS QUICKLY AS POSSIBLE ONCE THE WORK HAS BEEN INITIATED. THE AREA IMPACTED BY THE CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED OR PROTECTED FROM EROSION AS SOON AS POSSIBLE. AREAS WITHIN 50' OF A DEFINED DRAINAGE WAYS SHOULD BE RECONTOURED AS NEEDED OR OTHERWISE PROTECTED WITHIN FIVE (5) WORKING DAYS AFTER GRADING HAS CEASED.

B) WHERE SOIL DISTURBING ACTIVITIES CEASE IN AN AREA FOR MORE THAN 14 DAYS, THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE EROSION CONTROL MEASURES. IF THE SLOPE OF THE AREA IS GREATER THAN 3:1 OR IF THE SLOPE IS GREATER THAN 3% AND GREATER THAN 150 FEET IN LENGTH, THEN THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE EROSION CONTROL MEASURES IF ACTIVITIES CEASE FOR MORE THAN SEVEN (7) DAYS.

C) EXISTING VEGETATION SHALL BE PRESERVED TO THE EXTENT AND WHERE PRACTICAL. IN NO CASE SHALL DISTURBED AREAS REMAIN WITHOUT VEGETATIVE GROUND COVER FOR A PERIOD IN EXCESS OF 60 DAYS.

D) ADDITIONAL SITE MANAGEMENT PRACTICES WHICH SHALL BE ADHERED TO DURING THE CONSTRUCTION PROCESS SHALL INCLUDE:

SOLID AND HAZARDOUS WASTE MANAGEMENT INCLUDING PROVIDING TRASH CONTAINERS AND REGULAR SITE CLEAN UP FOR PROPER DISPOSAL OF SOLID WASTE SUCH AS BUILDING MATERIAL, PRODUCT/MATERIAL SHIPPING WASTE, FOOD CONTAINERS AND CUPS, AND PROVIDING CONTAINERS FOR THE PROPER DISPOSAL OF WASTE PAINTS SOLVENTS, AND CLEANING COMPOUNDS.

PROVISIONS OF PORTABLE TOILETS FOR PROPER DISPOSAL OF SANITARY SEWAGE.

STORAGE OF CONSTRUCTION MATERIALS AWAY FROM DRAINAGE COURSES AND LOW AREAS.

INSTALLATION OF CONTAINMENT BERMS AND USE OF DRIP PANS AT PETROLEUM PRODUCT AND LIQUID STORAGE TANKS AND CONTAINERS.

3. ALL DISTURBED AREAS SHALL BE SEEDED, FERTILIZED AND MULCHED, OR SODDED, IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS ADOPTED BY THE CITY OF LEE'S SUMMIT AND GOOD ENGINEERING PRACTICES. THIS SHALL BE COMPLETED WITHIN FOURTEEN (14) DAYS AFTER COMPLETING THE WORK, IN ANY AREA, IF THIS IS OUTSIDE OF THE SEEDING PERIOD, SILT BARRIERS OR OTHER SIMILARLY EFFECTIVE MEASURES SHALL BE PROVIDED UNTIL SUCH TIME THAT THE AREAS CAN BE SEEDED.

4. THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO ALL CURRENT STANDARDS AND SPECIFICATIONS ADOPTED BY THE CITY OF LEE'S SUMMIT. THE DEVELOPER WILL BE RESPONSIBLE FOR DETERMINING ALL ADDITIONAL STANDARDS, SPECIFICATIONS OR REQUIREMENTS WHICH ARE REQUIRED BY GOVERNING AGENCIES (INCLUDING LOCAL, STATE AND FEDERAL AUTHORITIES) HAVING JURISDICTION OVER THE WORK PROPOSED BY THESE CONSTRUCTION DRAWINGS.

5. ALL EROSION CONTROL MEASURES, TEMPORARY OR PERMANENT, REQUIRE MAINTENANCE TO PRESERVE THEIR EFFECTIVENESS. ALL EROSION CONTROL DEVICES SHALL BE INSPECTED IMMEDIATELY AFTER EACH HEAVY RAINSTORM AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHOULD BE MADE IMMEDIATELY. ALL COSTS ASSOCIATED WITH THE REPAIR WORK INCLUDING RELATED INCIDENTALS WILL BE THE DEVELOPER'S RESPONSIBILITY AND SHALL BE INCLUDED IN THE DEVELOPER'S BID FOR THE PROPOSED WORK.

6. ALL EROSION CONTROL MEASURES TO BE PER APWA KANSAS CITY METRO CHAPTER STANDARD DETAILS.

7. THE DEVELOPER MUST REMOVE AT HIS COST ANY BAD SUBSURFACE SOIL WHICH WOULD NOT BE ABLE TO SUPPORT ANY PROPOSED PUBLIC IMPROVEMENT. BACKFILL SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL SECTIONS 2100 AND 2201 ENTITLED "GRADING AND SITE PREPARATION" AND "SUBGRADE PREPARATION".

8. THE CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT SERVICES ENGINEERING INSPECTORS 48 HOURS PRIOR TO ANY LAND DISTURBANCE WORK AT (816) 969-1200

9. TREE CLEARING TO HAPPEN BETWEEN NOVEMBER 1 AND MARCH 31. TREES CLEARED BETWEEN APRIL 1 AND OCTOBER 31 MUST BE TREES GREATER THAN 1,000 FEET FROM FORESTED OR WOODED AREAS OR TREES LESS THAN 3 INCHES IN DIAMETER, AT BREST HEIGHT, AND NOT MIXED WITH LARGER TREES. IF LARGER TREES NEED TO BE CLEARED, A SURVEY OF THE TREES MUST BE CONDUCTED TO MAKE SURE THERE ARE NO BAT ROOSTS IN THE TREES. TREE CLEARING TO BE CONDUCTED BY CUTTING DOWN AND MULCHING OR BY PUSHING OVER AND MULCHING. TREES SHALL NOT BE BURNED DOWN.

ESTIMATE OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS-BUILT
PRIVATE GRADING				
1	EXCAVATION	C.Y.	38,075	
2	EMBANKMENT	C.Y.	42,114	
PUBLIC GRADING				
3	EXCAVATION	C.Y.	5,854	
4	EMBANKMENT	C.Y.	15,100	
SITE DISTURBANCE				
5	CONSTRUCTION ENTRANCE	EA.	1	
6	CONCRETE WASHOUT	EA.	1	
7	CURB INLET PROTECTION	EA.	22	
8	AREA INLET PROTECTION	EA.	5	
9	SILT FENCE	L.F.	865	
10	DIVERSION BERM	L.F.	4,821	
11	ROCK DITCH CHECK	EA.	14	
12	SEDIMENT TRAP	EA.	2	
13	SEDIMENT BASIN	EA.	1	
14	DISTURBED AREA	AC.	23.62	
15	PERMANENT SEEDING	AC.	20.94	

SUMMARY OF QUANTITIES AS INDICATED ABOVE AND ANY QUANTITIES AS SHOWN WITHIN THE PLANS HAVE BEEN PROVIDED FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR USE IN PREPARATION OF CONTRACT DOCUMENTS. QUANTITIES INTENDED FOR, BUT NOT LIMITED TO, THE PREPARATION OF PROPOSALS AND BID DOCUMENTS SHALL BE INDEPENDENTLY EVALUATED BY THE ESTIMATING PARTY BASED UPON THE CONTENTS OF THESE PLANS.

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI
07/01/2020



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Missouri Certificate of Authority #001592
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North Kansas City, MO 64116
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		REVISED PER CITY COMMENTS
		REVISED PER CITY COMMENTS

REV. NO.	DATE	REVISIONS DESCRIPTION
1	06/15/2020	REVISED PER CITY COMMENTS
2	06/25/2020	REVISED PER CITY COMMENTS

GENERAL NOTES
SITE DISTURBANCE PLANS
HOOK FARMS
FIRST PLAT
LEE'S SUMMIT, MO

drawn by: CGW
checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
drawing no.:
date: 04/20/2020

SHEET
C502

REVISIONS

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FEMA 100-YEAR FLOODPLAIN BOUNDARY (ZONE AE)

RELEASE FOR CONSTRUCTION
 AS NOTED ON PLANS REVIEW
 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI
 07/01/2020

FEMA 100-YEAR FLOODPLAIN BOUNDARY (ZONE AE)

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STATE OF MISSOURI
JULIE ELAINE SELLERS
Julie Sellers
 NUMBER PE-2017000367
 6/30/20
 PROFESSIONAL ENGINEER

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
1	06/15/2020	REVISED PER CITY COMMENTS	
2	06/25/2020	REVISED PER CITY COMMENTS	

GENERAL LAYOUT
 SITE DISTURBANCE PLANS
 HOOK FARMS
 FIRST PLAT
 LEE'S SUMMIT, MO
 2020

drawn by: CGW
 checked by: JES
 approved by: NDH
 QA/QC by: JES
 project no.: 019-4061
 drawing no.:
 date: 04/20/2020

SHEET C503

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GENERAL NOTES:

1. 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.
2. 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.
3. 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.

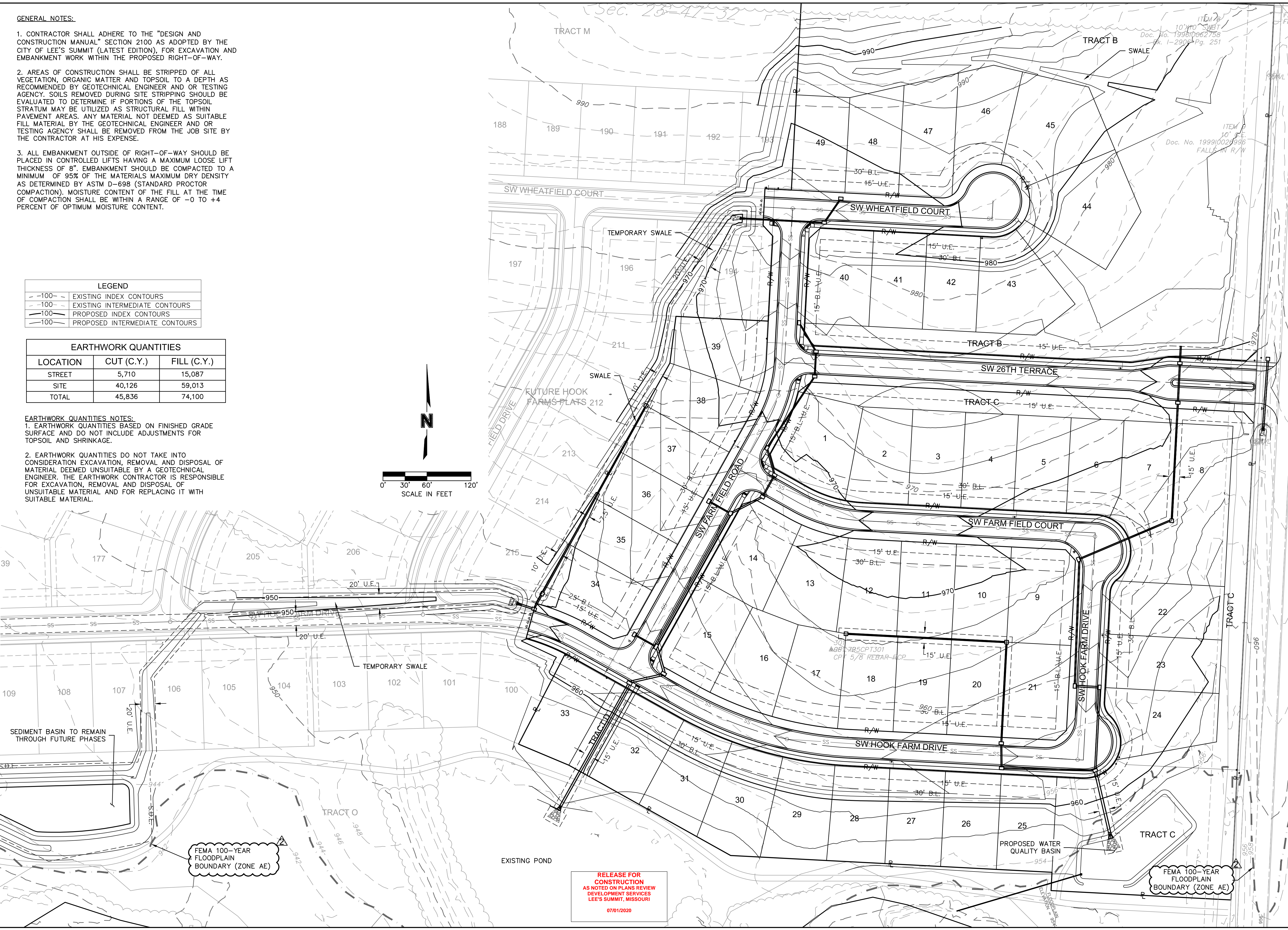
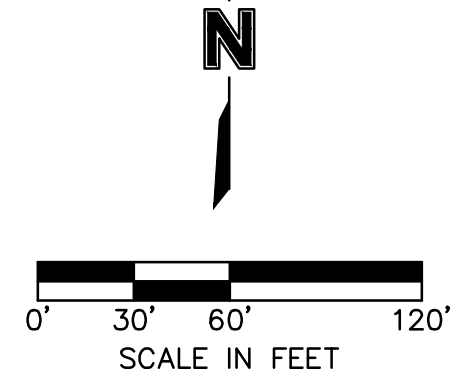
LEGEND

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

EARTHWORK QUANTITIES

LOCATION	CUT (C.Y.)	FILL (C.Y.)
STREET	5,710	15,087
SITE	40,126	59,013
TOTAL	45,836	74,100

- 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.



RELEASE FOR CONSTRUCTION
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**GRADING PLAN
SITE DISTURBANCE PLANS**

**HOOK FARMS
FIRST PLAT**

LEE'S SUMMIT, MO

2020

REVISIONS

drawn by: CGW	checked by: JES
approved by: NDH	QA/QC by: JES
project no.: 019-4061	date: 04/20/2020

**SHEET
C504**

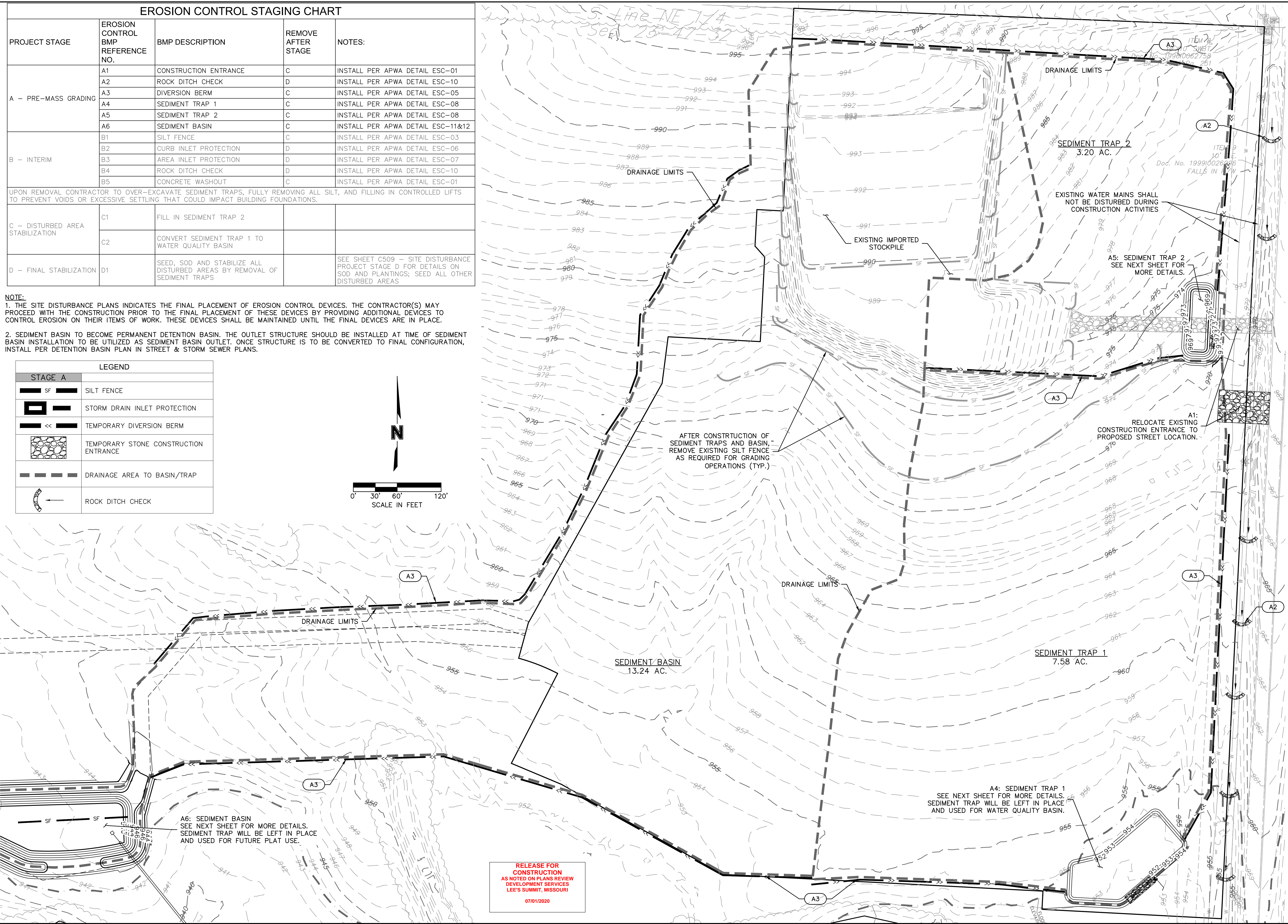
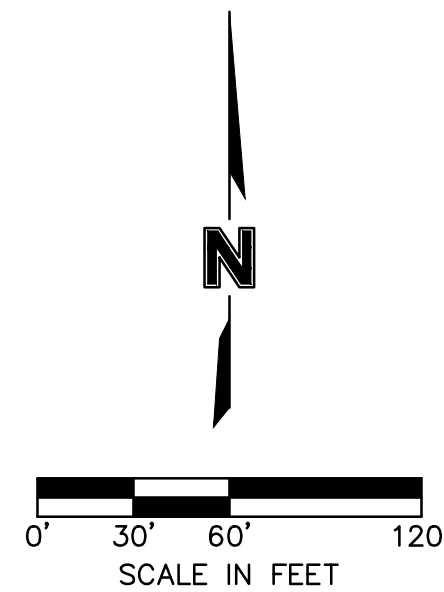
EROSION CONTROL STAGING CHART

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	ROCK DITCH CHECK	D	INSTALL PER APWA DETAIL ESC-10
	A3	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A4	SEDIMENT TRAP 1	C	INSTALL PER APWA DETAIL ESC-08
	A5	SEDIMENT TRAP 2	C	INSTALL PER APWA DETAIL ESC-08
	A6	SEDIMENT BASIN	C	INSTALL PER APWA DETAIL ESC-11&12
B - INTERIM	B1	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
	B2	CURB INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-06
	B3	AREA INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-07
	B4	ROCK DITCH CHECK	D	INSTALL PER APWA DETAIL ESC-10
	B5	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC-01
C - DISTURBED AREA STABILIZATION	C1	FILL IN SEDIMENT TRAP 2		
	C2	CONVERT SEDIMENT TRAP 1 TO WATER QUALITY BASIN		
D - FINAL STABILIZATION	D1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS BY REMOVAL OF SEDIMENT TRAPS		SEE SHEET C509 - SITE DISTURBANCE PROJECT STAGE D FOR DETAILS ON SOD AND PLANTINGS; SEED ALL OTHER DISTURBED AREAS

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.

LEGEND	
	STAGE A SILT FENCE
	STORM DRAIN INLET PROTECTION
	TEMPORARY DIVERSION BERM
	TEMPORARY STONE CONSTRUCTION ENTRANCE
	DRAINAGE AREA TO BASIN/TRAP
	ROCK DITCH CHECK



RELEASE FOR CONSTRUCTION
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STATE OF MISSOURI

JULIE ELAINE SELLERS

Professional Engineer

NUMBER PE-2017000367

6/30/20

REV. NO.	DATE	REVISIONS DESCRIPTION
1	06/15/2020	REVISED PER CITY COMMENTS
2	06/25/2020	REVISED PER CITY COMMENTS

SITE DISTURBANCE PROJECT STAGE A
SITE DISTURBANCE PLANS

HOOK FARMS
FIRST PLAT

2020

drawn by: CGW

checked by: JES

approved by: NDH

QA/QC by: JES

project no.: 019-4061

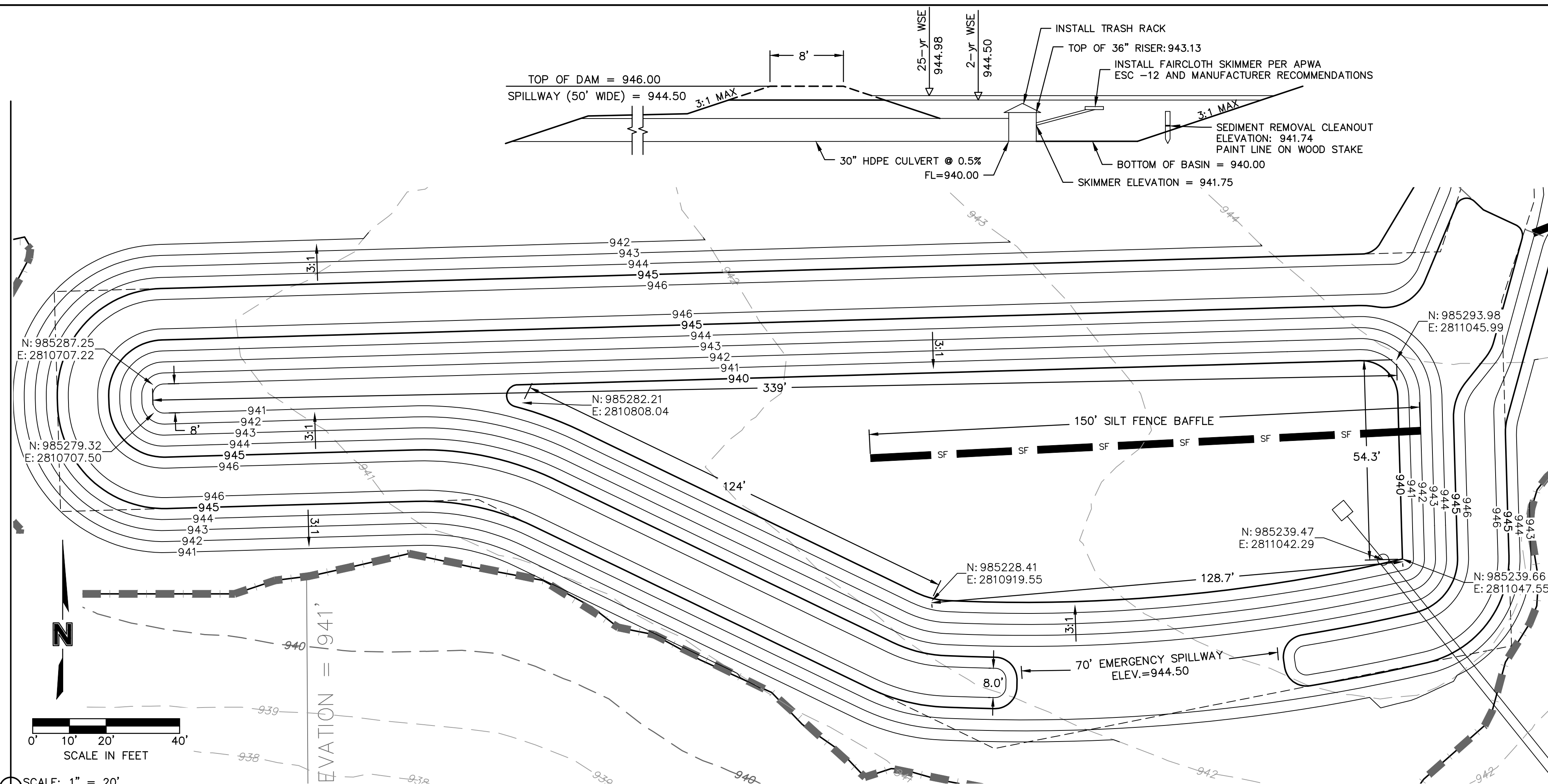
drawing no.: 04/20/2020

LEE'S SUMMIT, MO

SHEET C505

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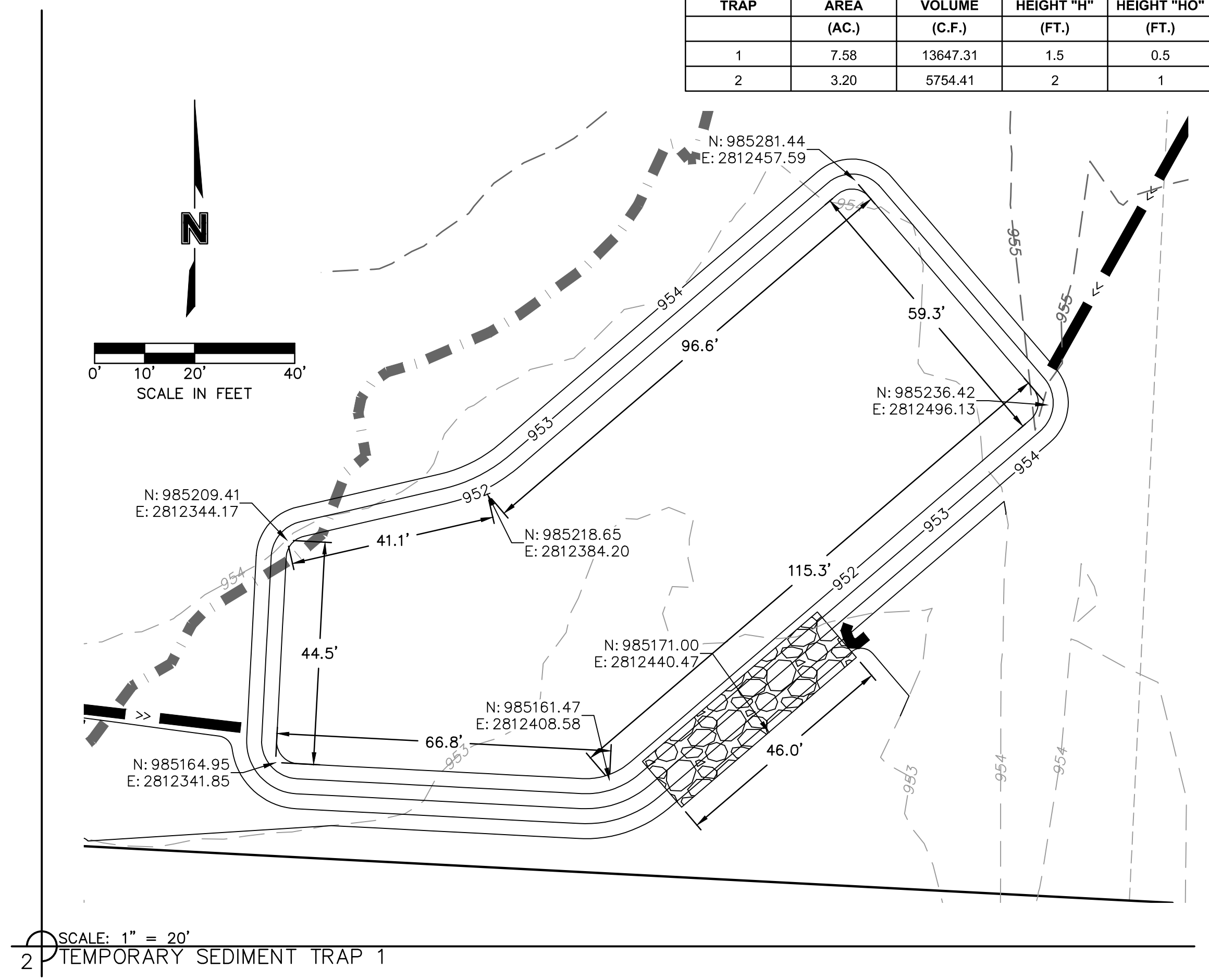
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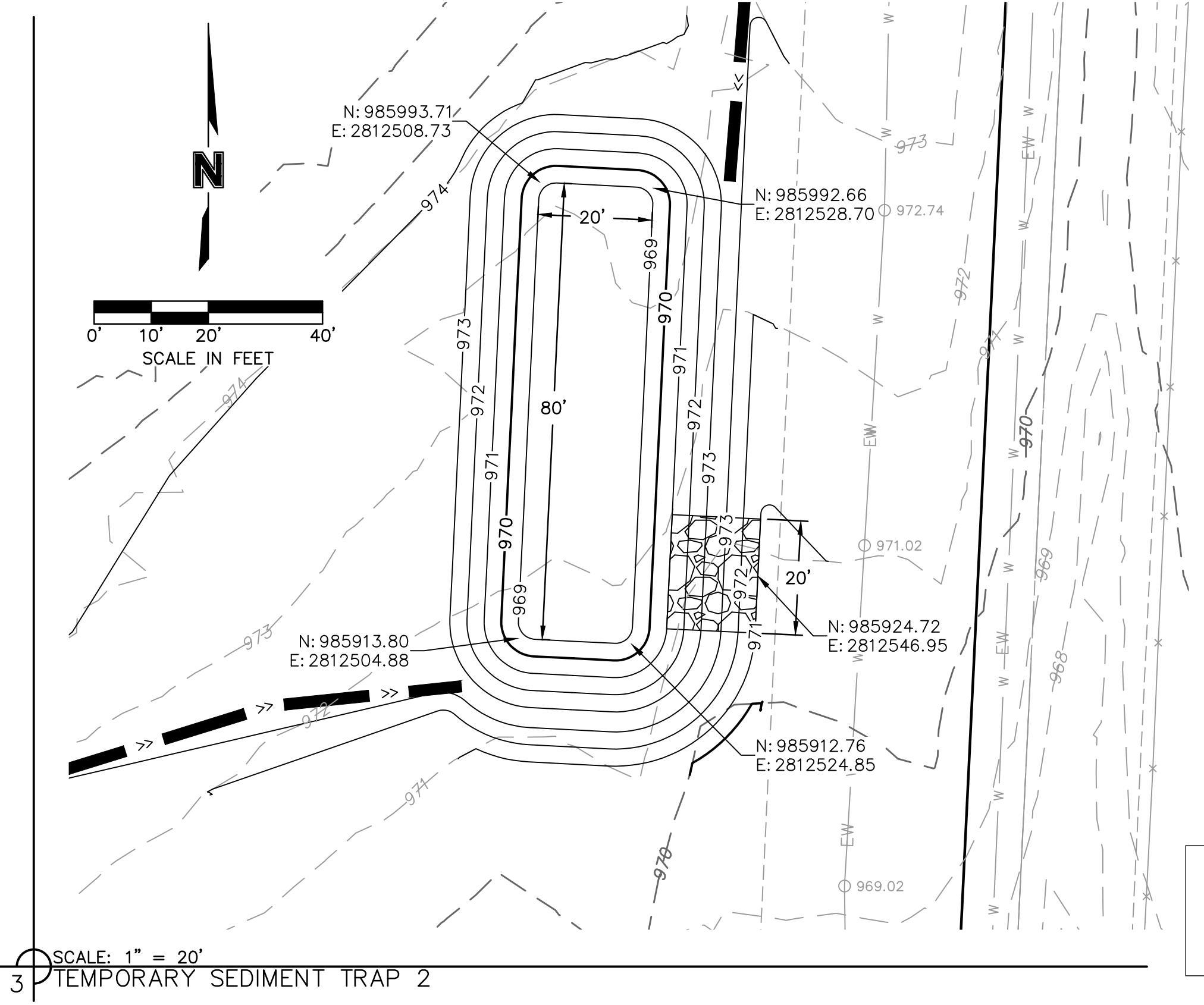
SEDIMENT BASIN DESIGN DATA SUMMARY			
TITLE: HOOK FARMS FIRST PLAT			
JOB #: 019-4061			
Design Item:	Basin #1	Units	Notes:
Site Data:			
Tributary Drainage Area to Pond:	13.24	Acres	
Disturbed Tributary Drainage Area to Pond:	13.24	Acres	
50% (2 yr) Design Flow:	34.49	cfs	
4% (25 yr) Design Flow:	61.27	cfs	
Pond Data:			
Minimum Sediment Storage Volume:	1775	cu. yd.	134 cy/acre minimum
Provided Sediment Storage Volume:	1775	cu. yd.	134 cy/acre minimum
Bottom Elevation:	940.00	Ft	
Sediment Cleanout Elevation:	941.74	Ft	Elevation Equal to 50% of Original Design Volume.
Sediment Cleanout Volume	888.00	cu. yd.	
Top of Riser Elevation:	943.13	Ft	Top of Dry Storage Volume
Emergency Spillway Elevation:	944.50	Ft	at or Above Q-2 elev. 1.0 ft min above principal spillway
Q-25 year Elevation:	944.98	Ft	
Top of Dam Elevation:	946.00	Ft	1.0 ft min above Q-25 elev.
Basin Shape Data:			
A = Area at Normal Pool	18936.33	SF	
L = Length of Flow Path	30.00	Ft	
We = Effective Width = A/L	631.21	Ft	
Length to Width Ratio = L/We	0.05		If Length to Width Ratio is less than 2, baffles are required
Principal Spillway Data:			
Riser Pipe Diameter or Length x Width:	36	in	15-inch min. Size for 2 year flow minimum
Barrell Pipe Diameter:	30	in	15-inch min. Size for 2 year flow minimum
Riser Pipe Base Size:	0.92	cu. yd.	Size to Prevent Flotation. 1.25 safety factor required.
**Skimmer Size:	3.00	in	Skimmer sized to dewater in 48 to 72 hours
**Orifice Diameter (if reduced from standard):		in	**Based on ASP Enterprises Faircloth Skimmer Design Guide
Skimmer Elevation	941.75	Ft	Flowline of skimmer at riser
Emergency Spillway Data:			
Design Width of Spillway:	70.00	Ft	
Design Flow Depth in Spillway:	0.48	Ft	
Design Velocity in Spillway:	1.82	Ft/sec	
Lining Material:	Rip Rap-	N/A	
	6"		

SCALE: 1" = 20'
 1) TEMPORARY SEDIMENT BASIN 1

TRAP	TRIBUTARY AREA (AC.)	REQUIRED VOLUME (C.F.)	BERM HEIGHT "H" (FT.)	SPILLWAY HEIGHT "HO" (FT.)	STORAGE VOLUME (C.F.)	BERM TOP WIDTH "W" (FT.)	SPILLWAY LENGTH (FT.)	EXCAVATED DEPTH (FT.)	EXCAVATED VOLUME (C.F.)	SEDIMENT CLEANOUT VOLUME (C.F.)	SEDIMENT CLEANOUT ELEVATION (FT.)
1	7.58	13647.31	1.5	0.5	14154.86	2	46	1	9011.31	2830.97	951.81
2	3.20	5754.41	2	1	7652.52	2	20	2	2532.12	1530.50	969.81



SCALE: 1" = 20'
 2) TEMPORARY SEDIMENT TRAP 1



SCALE: 1" = 20'
 3) TEMPORARY SEDIMENT TRAP 2

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI
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STATE OF MISSOURI

JULIE ELAINE SELLERS

Professional Engineer

NUMBER PE-2017000367

6/30/20

REVISIONS

REV. NO.	DATE	DESCRIPTION
1	06/15/2020	REVISED PER CITY COMMENTS
2	06/25/2020	REVISED PER CITY COMMENTS

BY

SITE DISTURBANCE PROJECT STAGE A DETAILS

SITE DISTURBANCE PLANS

HOOK FARMS FIRST PLAT

LEE'S SUMMIT, MO

2020

drawn by: CGW

checked by: JES

approved by: NDH

QA/QC by: JES

project no.: 019-4061

drawing no.: 04/20/2020

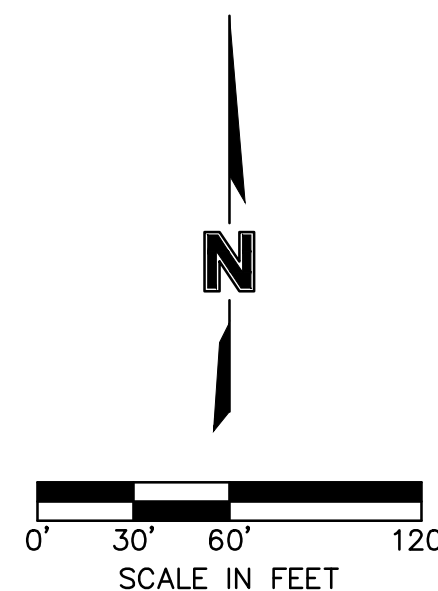
SHEET C506

EROSION CONTROL STAGING CHART

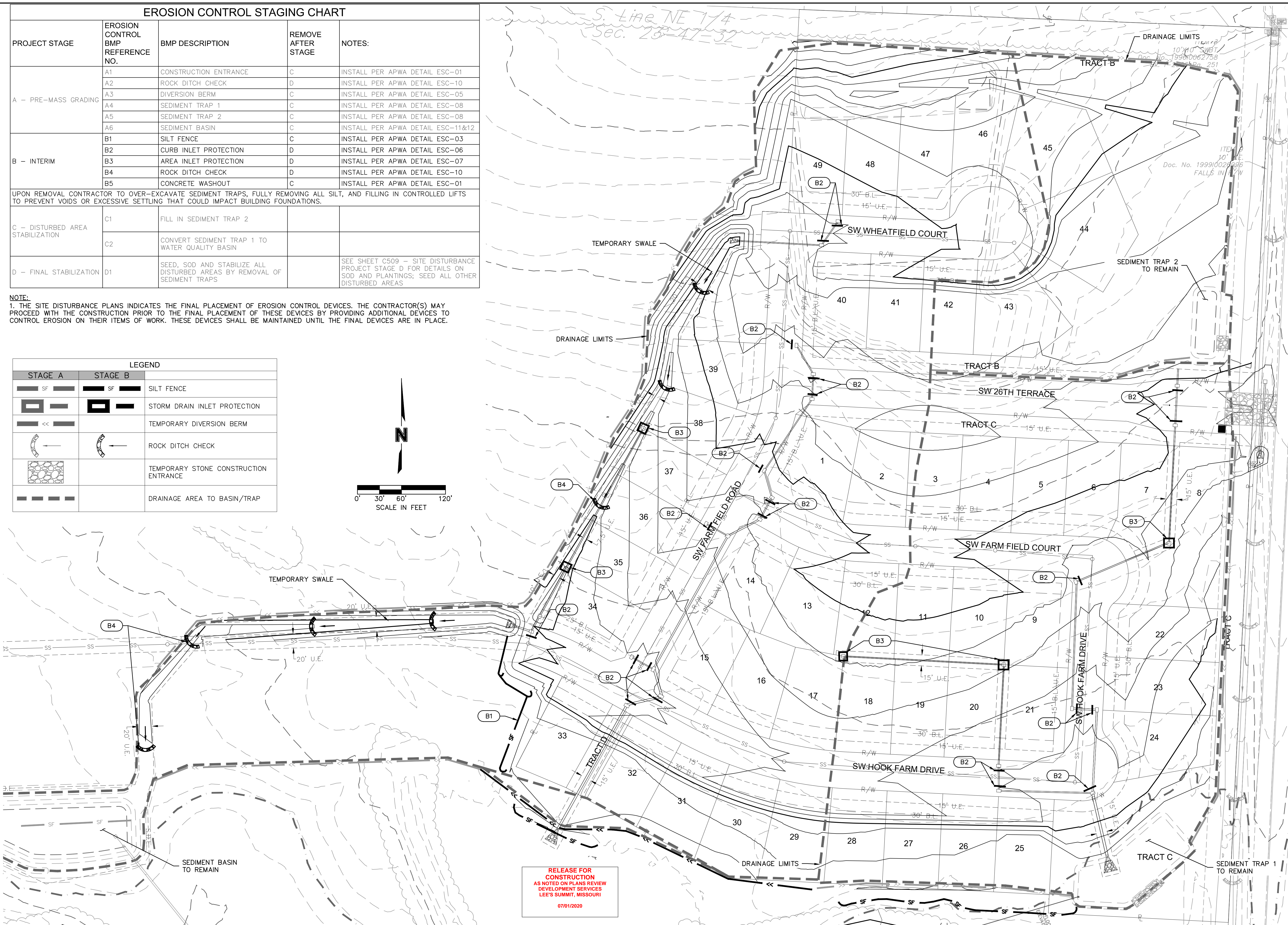
PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A - PRE-MASS GRADING	A1	CONSTRUCTION ENTRANCE	C	INSTALL PER APWA DETAIL ESC-01
	A2	ROCK DITCH CHECK	D	INSTALL PER APWA DETAIL ESC-10
	A3	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A4	SEDIMENT TRAP 1	C	INSTALL PER APWA DETAIL ESC-08
	A5	SEDIMENT TRAP 2	C	INSTALL PER APWA DETAIL ESC-08
	A6	SEDIMENT BASIN	C	INSTALL PER APWA DETAIL ESC-11&12
B - INTERIM	B1	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
	B2	CURB INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-06
	B3	AREA INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-07
	B4	ROCK DITCH CHECK	D	INSTALL PER APWA DETAIL ESC-10
	B5	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC-01
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	FILL IN SEDIMENT TRAP 2		
	C2	CONVERT SEDIMENT TRAP 1 TO WATER QUALITY BASIN		
D - FINAL STABILIZATION	D1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS BY REMOVAL OF SEDIMENT TRAPS		SEE SHEET C509 - SITE DISTURBANCE PROJECT STAGE D FOR DETAILS ON SOD AND PLANTINGS; SEED ALL OTHER 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.

LEGEND		
STAGE A	STAGE B	
		SILT FENCE
		STORM DRAIN INLET PROTECTION
		TEMPORARY DIVERSION BERM
		ROCK DITCH CHECK
		TEMPORARY STONE CONSTRUCTION ENTRANCE
		DRAINAGE AREA TO BASIN/TRAP



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 AS NOTED ON PLANS REVIEW
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JULIE ELAINE SELLERS

Julie Sellers

NUMBER PE-2017000367

6/30/20

PROFESSIONAL ENGINEER

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
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2	06/25/2020	REVISED PER CITY COMMENTS	

SITE DISTURBANCE PROJECT STAGE B
 SITE DISTURBANCE PLANS

HOOK FARMS
 FIRST PLAT

2020

drawn by: CGW

checked by: JES

approved by: NDH

QA/QC by: JES

project no.: 019-4061

drawing no.: [blank]

date: 04/20/2020

LEE'S SUMMIT, MO

SHEET C507

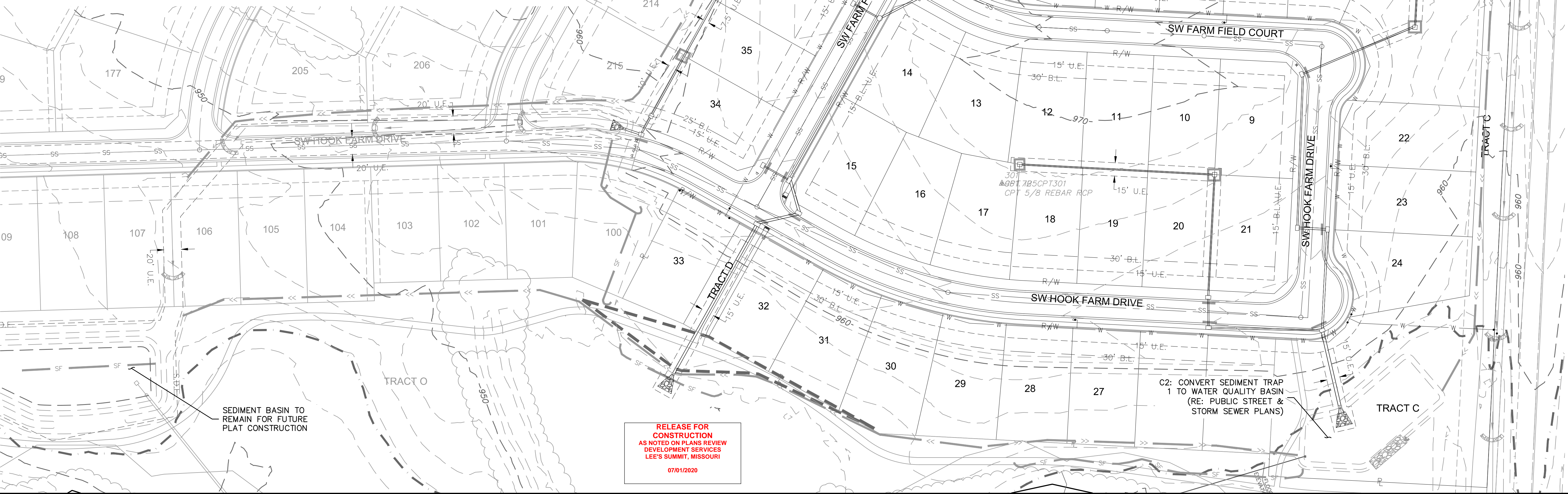
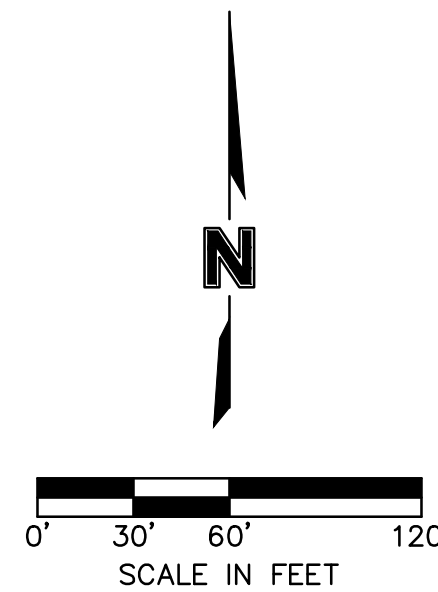
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EROSION CONTROL STAGING CHART

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	ROCK DITCH CHECK	D	INSTALL PER APWA DETAIL ESC-10
	A3	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A4	SEDIMENT TRAP 1	C	INSTALL PER APWA DETAIL ESC-08
	A5	SEDIMENT TRAP 2	C	INSTALL PER APWA DETAIL ESC-08
	A6	SEDIMENT BASIN	C	INSTALL PER APWA DETAIL ESC-11&12
B - INTERIM	B1	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
	B2	CURB INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-06
	B3	AREA INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-07
	B4	ROCK DITCH CHECK	D	INSTALL PER APWA DETAIL ESC-10
	B5	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC-01
C - DISTURBED AREA STABILIZATION	C1	FILL IN SEDIMENT TRAP 2		
	C2	CONVERT SEDIMENT TRAP 1 TO WATER QUALITY BASIN		
D - FINAL STABILIZATION	D1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS BY REMOVAL OF SEDIMENT TRAPS		SEE SHEET C509 - SITE DISTURBANCE PROJECT STAGE D FOR DETAILS ON SOD AND PLANTINGS; SEED ALL OTHER DISTURBED AREAS

NOTE:
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LEGEND		
STAGE A/B	STAGE C	
		SILT FENCE
		STORM DRAIN INLET PROTECTION
		TEMPORARY DIVERSION BERM
		ROCK DITCH CHECK
		TEMPORARY STONE CONSTRUCTION ENTRANCE



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Julie Sellers

NUMBER PE-2017000367
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PROFESSIONAL ENGINEER

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SITE DISTURBANCE PROJECT STAGE C
 SITE DISTURBANCE PLANS

HOOK FARMS
 FIRST PLAT

2020

drawn by: CGW

checked by: JES

approved by: NDH

QA/QC by: JES

project no.: 019-4061

drawing no.: 04/20/2020

LEE'S SUMMIT, MO

SHEET
C508

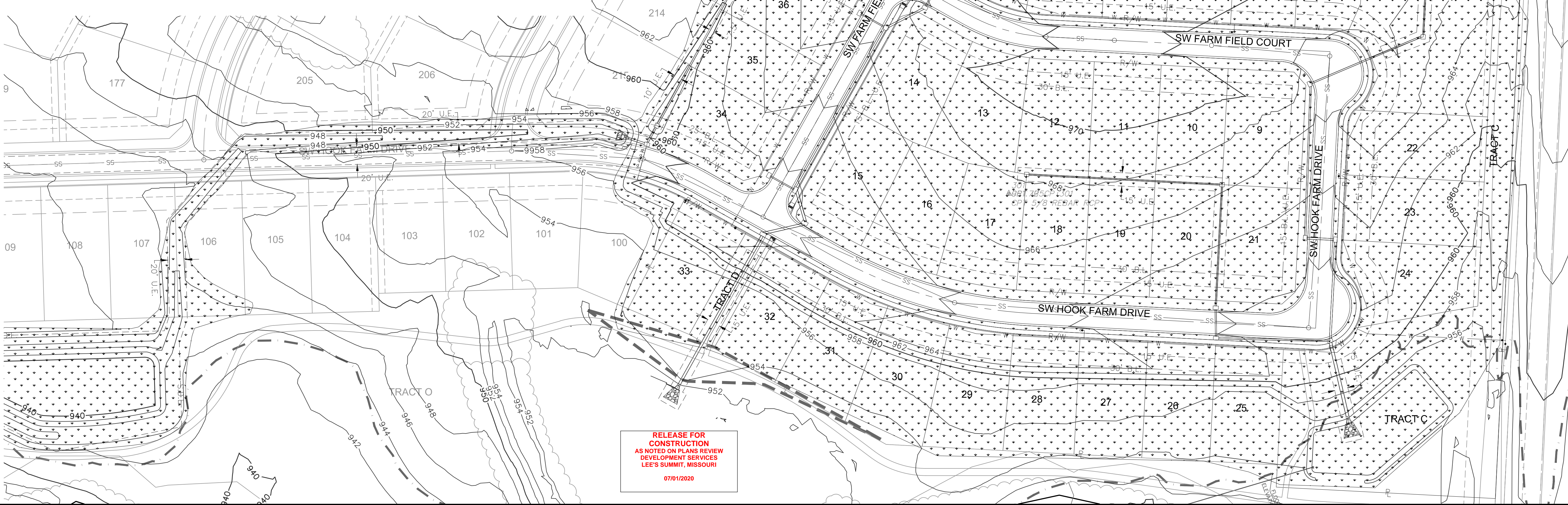
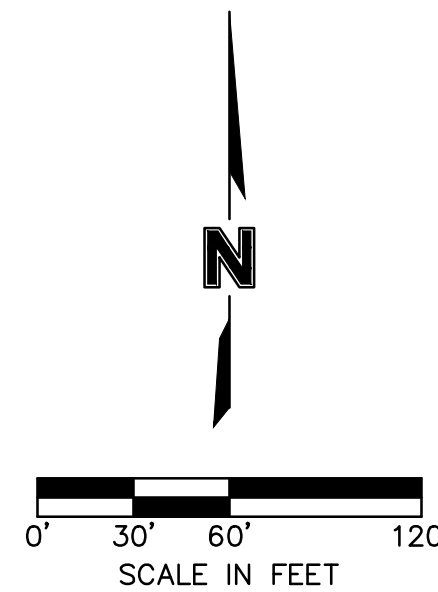
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EROSION CONTROL STAGING CHART

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
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	A3	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A4	SEDIMENT TRAP 1	C	INSTALL PER APWA DETAIL ESC-08
	A5	SEDIMENT TRAP 2	C	INSTALL PER APWA DETAIL ESC-08
	A6	SEDIMENT BASIN	C	INSTALL PER APWA DETAIL ESC-11&12
B - INTERIM	B1	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
	B2	CURB INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-06
	B3	AREA INLET PROTECTION	D	INSTALL PER APWA DETAIL ESC-07
	B4	ROCK DITCH CHECK	D	INSTALL PER APWA DETAIL ESC-10
	B5	CONCRETE WASHOUT	C	INSTALL PER APWA DETAIL ESC-01
C - DISTURBED AREA STABILIZATION	C1	FILL IN SEDIMENT TRAP 2		
	C2	CONVERT SEDIMENT TRAP 1 TO WATER QUALITY BASIN		
D - FINAL STABILIZATION	D1	SEED, SOD AND STABILIZE ALL DISTURBED AREAS BY REMOVAL OF SEDIMENT TRAPS		SEE SHEET C509 - SITE DISTURBANCE PROJECT STAGE D FOR DETAILS ON SOD AND PLANTINGS; SEED ALL OTHER 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.

LEGEND	
STAGE D	
	SEEDING & STABILIZATION



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SITE DISTURBANCE PROJECT STAGE D
 SITE DISTURBANCE PLANS
 HOOK FARMS
 FIRST PLAT
 LEE'S SUMMIT, MO
 2020

drawn by: CGW
 checked by: JES
 approved by: NDH
 QA/QC by: JES
 project no.: 019-4061
 drawing no.:
 date: 04/20/2020

SHEET C509

Notes for Concrete Washout:

- Concrete washout areas shall be installed prior to any concrete placement on site.
- Concrete washout areas shall include a 2' wide concrete pad placed parallel to the curb of concrete to be placed on site. The slopes leading out of the washout pad shall be 2:1. The entire tracking pad shall be sloped towards the concrete washout area.
- Vehicle tracking control is required at the access point to all concrete washout areas.
- Slope shall be placed at the construction site entrance, washout area and wherever necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck and pump rigs.
- A one-piece impervious liner may be required along the bottom and sides of the subsurface pit in sandy or gravelly soils.

Maintenance for Concrete Washout:

- Concrete washout materials shall be removed once the materials have dried the washout by approximately 75% dry.
- Concrete washout areas shall be enclosed as necessary to maintain capacity for washed concrete.
- Concrete washout water, washed pieces of concrete and all other debris in the subsurface pit shall be transported from the job site in a water-tight container and disposed of properly.
- Concrete washout areas shall remain in place until all concrete for the project is placed.
- When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and treated, any disturbed areas associated with the installation, maintenance, and/or removal of the concrete washout areas shall be stabilized.

Notes for Construction Entrance:

- Avoid locating on steep slopes, at curves on public roads, or directly in disturbed areas.
- Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
- If slope towards the public road exceeds 2%, construct a 6" to 8" high ridge with 3/4" x 3/4" steel plates across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
- Install pipe under the entrance if needed to maintain drainage ditches along public roads.
- Place slope to dimensions and grade as shown on plans. Leave surface sloped for drainage.
- Divert all surface runoff and drainage from the entrance to a sediment control device.
- If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

Maintenance for Construction Entrance:

- Reshape entrance as needed to maintain function and integrity of installation. Top areas with clean aggregate as needed.

CONCRETE WASHOUT

CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT

AMERICAN PUBLIC WORKS ASSOCIATION
 KANSAS CITY METRO CHAPTER
 STANDARD DRAWING NUMBER ESC-01
 ADOPTED: 10/24/2016

Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control; Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

Notes:

- In order to contain water, the ends of the silt fence must be turned uphill (Figure A).
- Long perimeter runs of silt fence must be broken up into several smaller segments to minimize water concentrations (Figure A).
- Long slopes should be broken up with intermediate rows of silt fence to slow runoff velocities.
- Attach fabric to upstream side of post.
- Install posts a minimum of 2' into the ground.
- Trenching will only be allowed for small or difficult installations, where staking machine cannot be reasonably used.

Maintenance:

- Remove and dispose of sediment deposits when the deposit approaches 1/2 the height of silt fence.
- Repair as necessary to maintain function and structure.

CONCRETE WASHOUT

CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT

AMERICAN PUBLIC WORKS ASSOCIATION
 KANSAS CITY METRO CHAPTER
 STANDARD DRAWING NUMBER ESC-03
 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

Notes for Diversion Berm:

- Slope drains are optional, but may be required by the engineer if the berm is at the top of a steep slope.
- Diversion berms must be installed as a first step in the land-disturbing activity and must be functional prior to upstate land disturbance.
- The berm should be adequately compacted to prevent failure.
- Temporary or permanent seeding and mulch shall be applied to the berm immediately following its construction.
- Place the berm so to minimize damages by construction operations and traffic.
- The berm must discharge to a temporary sediment trap or stabilized area.
- All trees, brush, stumps, obstructions and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of diversion.
- The diversion shall be excavated or altered to line grade and cross-section as required to meet the criteria specified herein. Tree of irregularities which will impede flow.
- Fills shall be compacted as needed to prevent unequal settlement that would cause damage in the completed diversion. Fill shall be composed of soil which is free from excessive organic debris, rocks or other objectionable material.

Notes for Slope Drain:

- Slope Drain and Diversion Berm may be used on other project forecloses or project backfills.
- Discharge of Slope Drain shall be into stabilized ditch or area, or into Sediment Basin.
- Pipe shall be secured in place as approved by Engineer.

Maintenance:

- Accumulation of any visible sediment of the inlet and outlet shall be removed promptly.
- Outlet conditions shall be repaired if scour is observed. Leaking or damaged section of pipe shall be repaired immediately.
- Barriers directing water to the inlet shall be maintained for continuity and effectiveness.

CONCRETE WASHOUT

CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT

AMERICAN PUBLIC WORKS ASSOCIATION
 KANSAS CITY METRO CHAPTER
 STANDARD DRAWING NUMBER ESC-05
 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

Notes:

- Immediately following inlet construction and prior to construction of curb and inlet throat, protect inlet opening by installing 2" x 10" (min.) board exposed in silt fence. Structures that have excavated storage area or at four sides to allow settling of sediment (Early Stage Curb Inlet).
- When inlet is completed and curb poured, filter socks or approved equal should be used (Late Stage Curb Inlet). Straw wattles are not approved for curb inlet use.
- Contractor to field verify ponding water shall not create a traffic hazard.

Maintenance:

- Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
- Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
- Repair or replace as necessary to maintain function and integrity of installation.

CONCRETE WASHOUT

CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT

AMERICAN PUBLIC WORKS ASSOCIATION
 KANSAS CITY METRO CHAPTER
 STANDARD DRAWING NUMBER ESC-06
 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

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 07/01/2020

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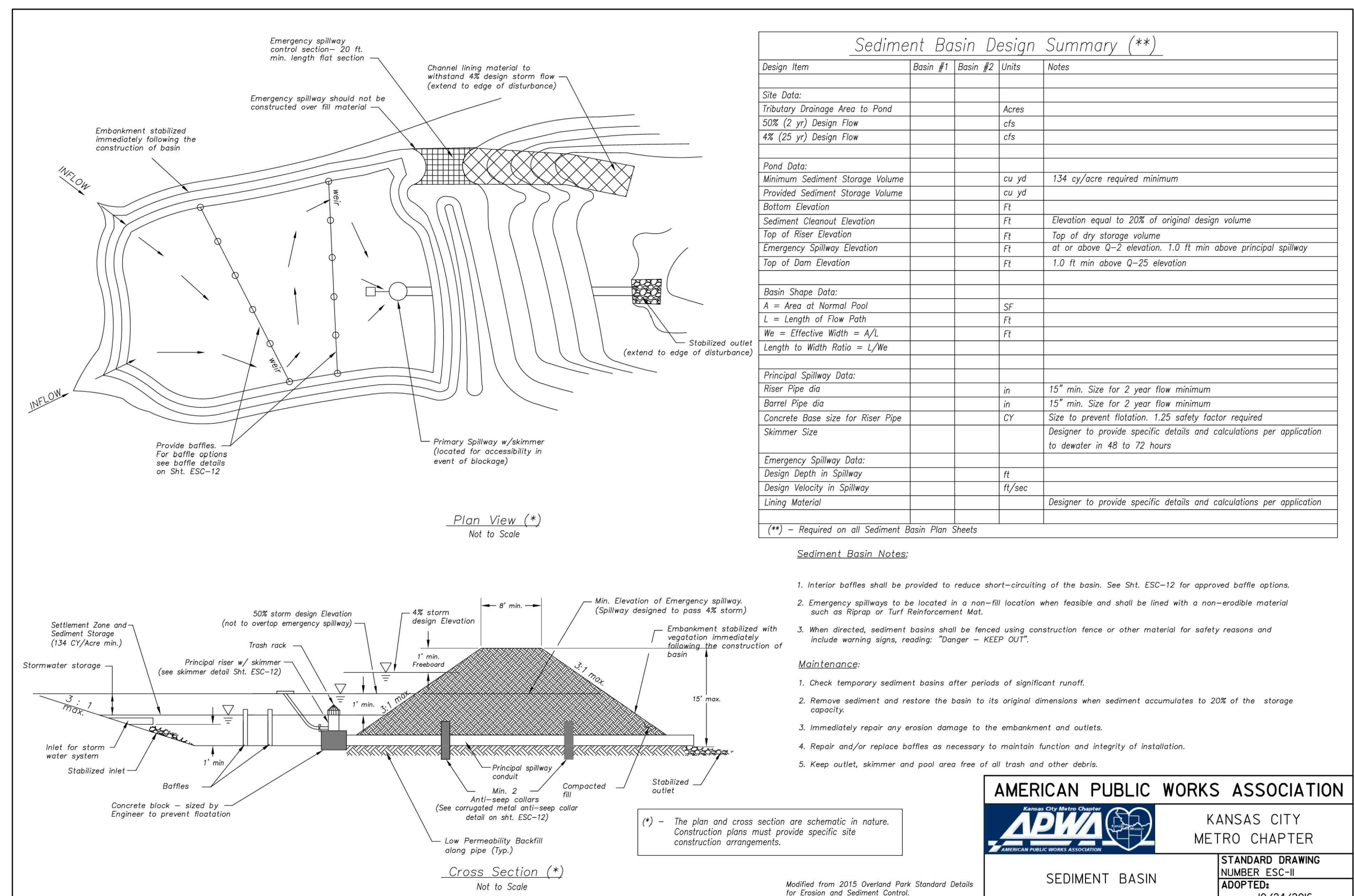
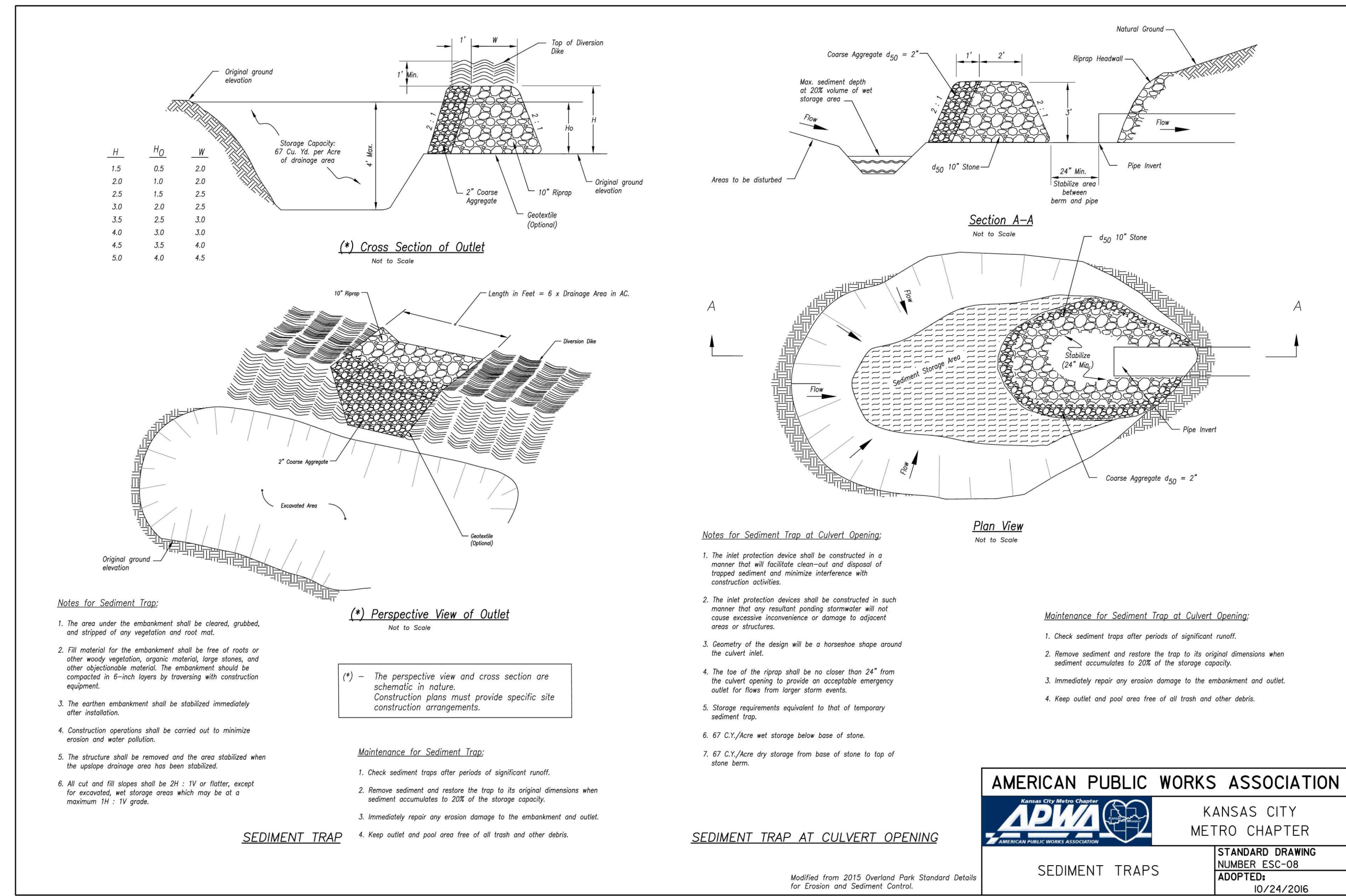
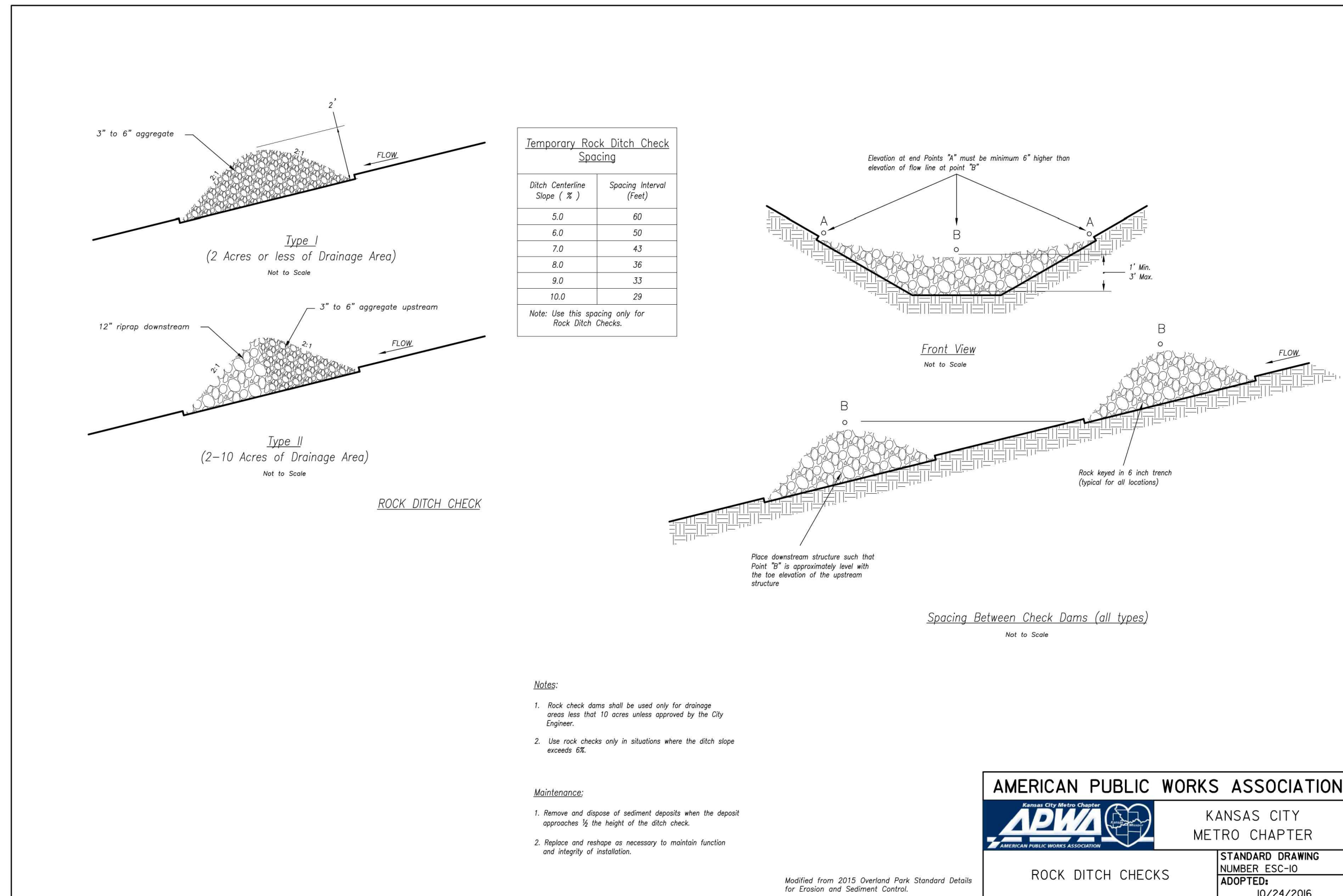
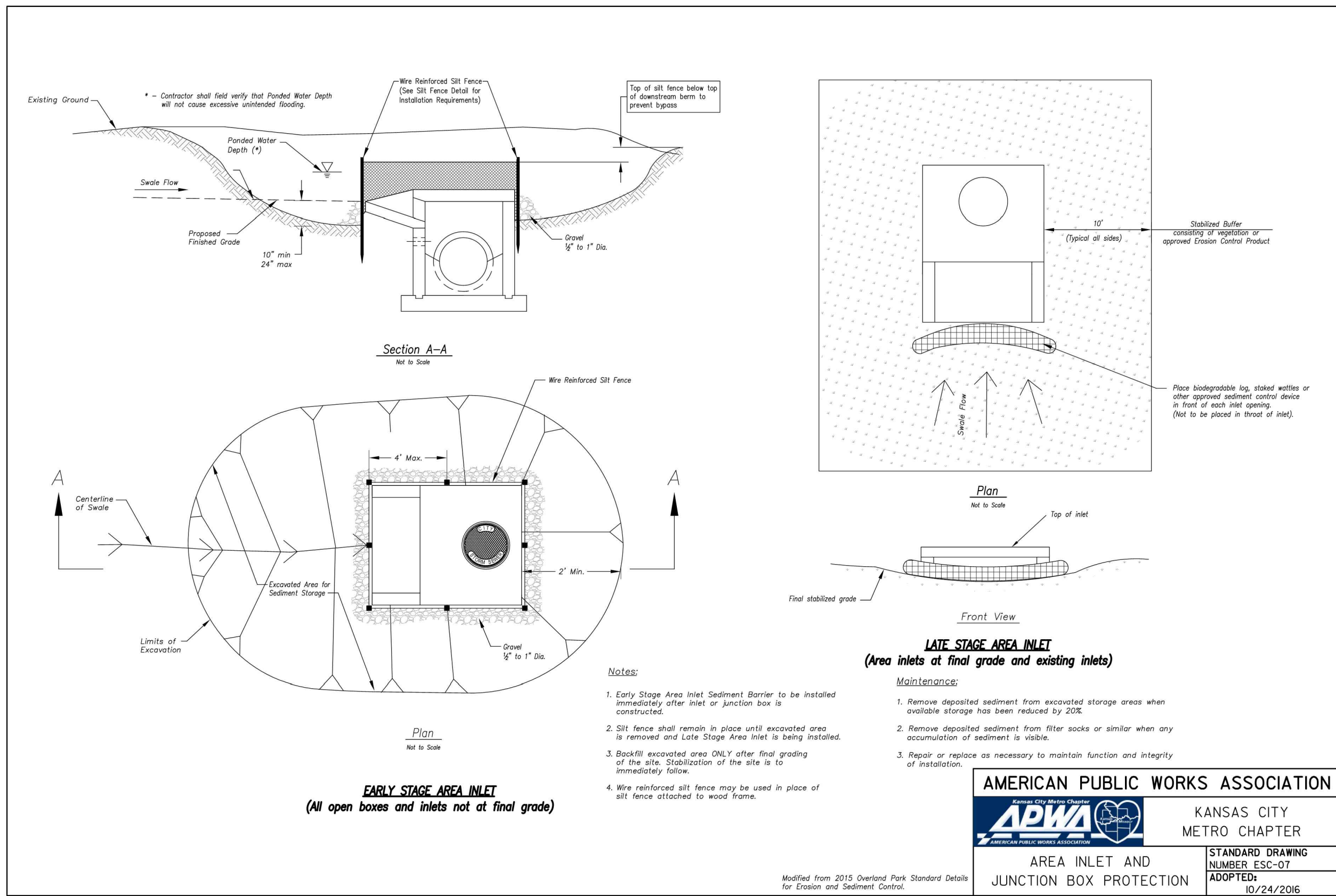
BY: _____
 DATE: _____

REV. NO.	DATE	REVISIONS DESCRIPTION
1	06/15/2020	REVISED PER CITY COMMENTS
2	06/25/2020	REVISED PER CITY COMMENTS

DETAIL SHEET
 SITE DISTURBANCE PLANS
 HOOK FARMS
 FIRST PLAT
 LEE'S SUMMIT, MO
 2020

drawn by: CGW
 checked by: JES
 approved by: NDH
 QA/QC by: JES
 project no.: 019-4061
 drawing no.: _____
 date: 04/20/2020

SHEET C510



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DETAIL SHEET
 SITE DISTURBANCE PLANS
 HOOK FARMS
 FIRST PLAT

BY

REVISIONS

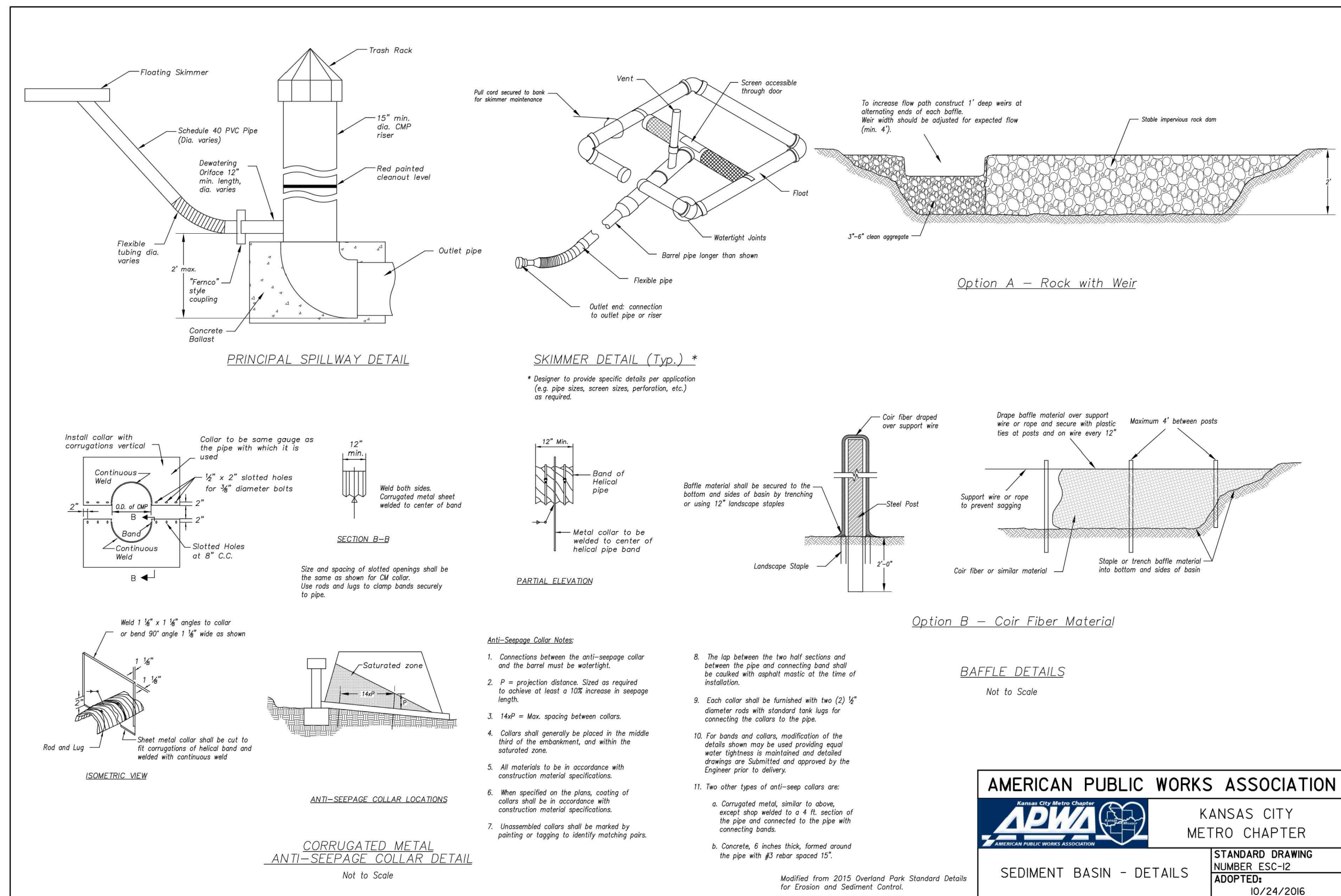
drawn by: CGW
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 project no.: 019-4061
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2020

LEE'S SUMMIT, MO

RELEASE FOR CONSTRUCTION
 AS NOTED ON PLANS REVIEW
 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI
 07/01/2020

SHEET
 C511

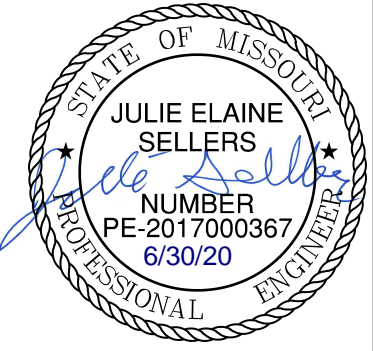


RELEASE FOR CONSTRUCTION
 AS NOTED ON PLANS REVIEW
 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI

07/01/2020

olsson

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REV. NO.	DATE	REVISIONS DESCRIPTION
1	06/15/2020	REVISED PER CITY COMMENTS
2	06/25/2020	REVISED PER CITY COMMENTS

DETAIL SHEET	BY	REVISIONS
SITE DISTURBANCE PLANS		
HOOK FARMS		
FIRST PLAT		
LEE'S SUMMIT, MO		2020

drawn by: CGW
 checked by: JES
 approved by: NDH
 QA/QC by: JES
 project no.: 019-4061
 drawing no.:
 date: 04/20/2020

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 C512