drawn by:
 GS

 checked by:
 SS

 designed by:
 BMW

 QA/QC by:
 JES

 project no.:
 A19-2339

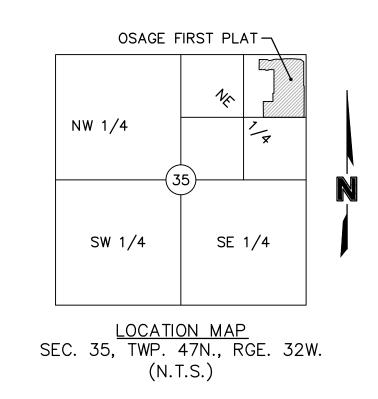
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SHEET

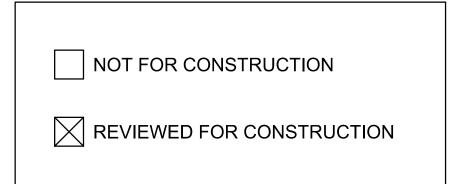
OSAGE FIRST PLAT GRADING & SITE DISTURBANCE PLANS

NE 1/4 SECTION 35, TOWNSHIP 47 N, RANGE 32 W. IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

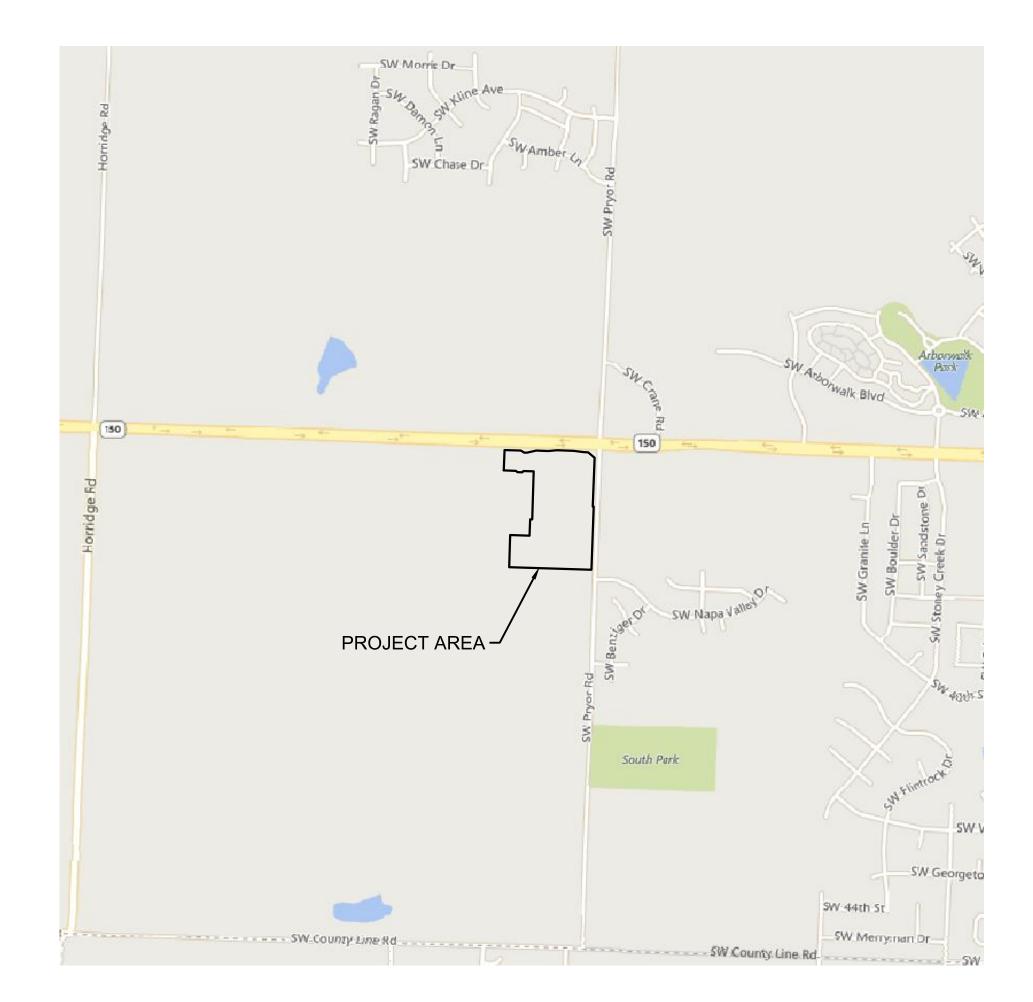
DISTURBED AREA: 21.29 ACRES



| PROJECT TEAM & UTILITY CONTACT | LIST |
|--|--|
| OWNER / DEVELOPER CLAYTON PROPERTIES GROUP, INC. D.B.A. SUMMIT HOMES 120 SE 30TH STREET CONTACT: VINCENT WALKER LEE'S SUMMIT, MO 64082 | UTILITY SERVICE NUMBERS NAME: LEE'S SUMMIT PUBLIC WORKS PHONE: 816-969-1800 NAME: LEE'S SUMMIT WATER & SERVICES DEPARTMENT |
| PHONE: 816.246.6700 EMAIL: VINCENT@SUMMITHOMESKC.COM | PHONE: 816-969-1940 |
| ENGINEER OLSSON 1301 BURLINGTON ST. SUITE 100 | NAME: SPIRE (MGE) PHONE: 314-342-0500 NAME: AT&T |
| NORTH KANSAS CITY, MO 64116 CONTACT: BROCK WORTHLEY PHONE: 816.361.1177 | PHONE: 800-286-8313 NAME: EVERGY |
| EMAIL: BWORTHLEY@OLSSON.COM | PHONE: 816-471-5275 NAME: SPECTRUM (TWC) |
| SURVEYOR OLSSON | PHONE: 877-772-2253 NAME: GOOGLE FIBER |
| 1301 BURLINGTON ST. SUITE 100 NORTH KANSAS CITY, MO 64116 CONTACT: JASON ROUDEBUSH PHONE: 816.361.1177 EMAIL: JROUDEBUSH@OLSSON.COM | PHONE: 877-454-6959 |







PROPERTY DESCRIPTION:

A tract of land in the Northeast Quarter of the Northeast Quarter of Section 35, Township 47 North, Range 32 West of the 5th Principal Meridian, and including part of Lots 1, 2 and 3 SALVAGGIO'S RANCH, a subdivision of land, recorded as Instrument Number I1210418 in Book I53 at Page 73 in Jackson County Recorder of Deeds Office, all in Lee's Summit, Jackson County, Missouri being bounded and described by Jason S. Roudebush, P.L.S. 2002014092 as follows: Commencing at the Northeast corner of said Northeast Quarter; thence South 02°08'00" West, on the East line of said Northeast Quarter, 658.78 feet to the Southeast corner of the North half of the Northeast Quarter of said Northeast Quarter; thence North 88°08'29" West, on the South line of said North half, 50.00 feet to the Southeast corner of said Lot 3, said point also being on the existing Westerly right—of—way line of SW Pryor Road, as now established, and also being the Point of Beginning of the tract of land to be herein described; thence South 88°08'29" East, on said North line and said existing Westerly right—of—way line, 10.00 feet to the existing Westerly right—of—way line of said SW Pryor Road as established by Document 1963/814460 in Book 1634 at Page 487 being on a line on that is 40.00 West of and parallel with the East line of said Northeast Quarter of said Northeast Quarter; thence South 02°08'00" West, on said existing Westerly right—of—way line and said parallel line, 658.80 feet to a point on the South line of the said Northeast Quarter of said Northeast Quarter; thence North 88°09'45" West, on said South line, 857.08 feet; thence leaving said South line, North 01°48'53" East, 335.30 feet; thence South 88"11".07" East, 202.50 feet; thence North 01"48".53" East, 170.00 feet; thence South 88"11".07" East, 21.62 feet; thence North 01°48'53" East, 500.00 feet; thence North 88°11'07" West, 106.00 feet; thence South 46°48'53" West, 19.80 feet; thence North 88°11'07" West, 50.00 feet; thence North 43"11".07" West, 19.80 feet; thence North 88"11".07" West, 127.17 feet to a point on the West line of the East half of the Northwest Quarter of said Northeast Quarter; thence North 02°09'46" East, on said West line, 212.32 feet to a point on the existing Southerly right—of—way line of Missouri State Highway No. 150, as established by Document Number 2009E0064160, being 80.00 feet right of Centerline Station 316+29.79 (Station 316+29.51 Deed); thence leaving said West line, South 88"11".07" East, along said existing Southerly right-of-way line, 170.21 feet to a point that is 80+00.00 right of Centerline Station 318+00.00 thence South 58°26'25" East, along said Southerly right of way line, 40.31 feet to a point that is 100.00 feet right of centerline Station 318+35.00; thence South 8811'07" East, along said Southerly right of way line, 30.00 feet to a point that is 100.00 feet right of centerline Station 318+65.00; thence North 76°55'17" East, along said Southerly right of way line, 97.27 feet to a point on the Southerly right of way line of Missouri State Highway No. 150 as established by Document 2009E0006361, being 75.00 feet right of centerline Station 319+59.00; thence South 8811'07" East, along said Southerly right of way line, 126.00 feet to a point that is 75.00 feet right of centerline Station 320+85.00; thence North 85°28'29" East, along said Southerly right of way line, 90.55 feet to a point that is 65.00 feet right of centerline Station 321+75.00; thence South 88"11'07" East, along said Southerly right of way line and along the Southerly right of way line of Missouri State Highway No. 150 as established by Document 2009E0006351, 175.00 feet to a point that is 65.00 feet right of centerline Station 323+50.00; thence South 82°44'41" East, along said Southerly right of way line, 105.48 feet to a point that is 75.00 feet right of centerline Station 324+55.00; thence South 88"11"07" East, along said Southerly right of way line, 45.00 feet to a point that is 75.00 feet right of centerline Station 325+00.00; thence South 49°40'27" East, along said Southerly right of way line, 88.33 feet to a point that is 130.00 feet right of centerline Station 325+69.12 (Station 325+69.30 Deed), said point also being on the East line of said Lot 2, SALVAGGIO'S RANCH and on the West right of way of said SW Pryor Road as now established; thence South 02°08'00" West, along said East lot line and said West right of way line, 509.17 feet to the Point of Beginning. Containing 917,234 square feet or 21.06 acres, more or less.

BENCHMARK

CHISELED PLUS ON THE EAST FLANGED BOLT OF THE FIRE HYDRANT ON THE WEST SIDE OF SW PRYOR ROAD ON ADJOINING PROPERTY SOUTH OF THE SOUTHWEST CORNER OF SUBJECT PROPERTY.

ELEVATION = 1014.830

BENCHMARK NO. 2
RAILROAD SPIKE IN THE NORTH FACE OF POWER POLE LOCATED ON THE SOUTH SIDE MISSOURI STATE HIGHWAY 150 AT THE WEST SIDE OF THE DRIVEWAY TO 2025 MISSOURI STATE HIGHWAY 150, LEE'S SUMMIT, MO. ELEVATION = 1031.313

| Sheet Number | Sheet Title |
|--------------|--|
| C401 | TITLE SHEET |
| C402 | GENERAL NOTES |
| C403 | GENERAL LAYOUT |
| C404 | GRADING PLAN |
| C405 | SITE DISTURBANCE PHASE A |
| C406 | SITE DISTURBANCE PHASE A - TRAP TABLES |
| C407 | SITE DISTURBANCE PHASE A - BASIN TABLE |
| C408 | SITE DISTURBANCE PHASE B |
| C409 | SITE DISTURBANCE PHASE C |
| C410 | SITE DISTURBANCE PHASE D |
| C411 | DETAIL SHEET |
| C412 | DETAIL SHEET |
| C413 | DETAIL SHEET |

1. FEMA FIRM MAP NUMBER 29095C0531G SHOWS THE ENTIRE SITE IS LOCATED WITHIN ZONE X, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN."
2. NO OIL AND GAS WELLS OR UNDERMINED AREAS ARE PRESENT ON THE SITE.

REVIEWED BY:

CITY OF LEE'S SUMMIT

DATE

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

BROCK M. WORTHLEY, P.E.

4/24/2020 DATE

CIVIL ENGINEER MO# PE-2019000237

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

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 BREAST 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.

| ITEM NO. | DESCRIPTION | UNIT | QUANTITY | AS-BUIL ⁻ |
|----------|-----------------------|------|----------|----------------------|
| | PRIVATE GRAD | DING | | |
| 1 | EXCAVATION | C.Y. | 27,711 | |
| 2 | EMBANKMENT | C.Y. | 33,974 | |
| | PUBLIC GRADI | ING | | |
| 3 | EXCAVATION | C.Y. | 5,625 | |
| 4 | EMBANKMENT | C.Y. | 9,615 | |
| | SITE DISTURBA | NCE | | |
| 5 | CONSTRUCTION ENTRANCE | EA. | 1 | |
| 6 | CONCRETE WASHOUT | EA. | 1 | |
| 7 | CURB INLET PROTECTION | EA. | 25 | |
| 8 | AREA INLET PROTECTION | EA. | 11 | <u>À</u> |
| 9 | SILT FENCE | L.F. | 2543 | |
| 10 | DIVERSION BERM | L.F. | 3347 | |
| 11 | ROCK DITCH CHECK | EA. | 3 | |
| 12 | SEDIMENT TRAP | EA. | 3 | |
| 13 | SEDIMENT BASIN | EA. | 1 | |
| 14 | DISTURBED AREA | AC. | 21.29 | |
| 15 | TREE CLEARING | AC. | 4.53 | |
| 16 | PERMANENT SEEDING | AC. | 18.01 | |

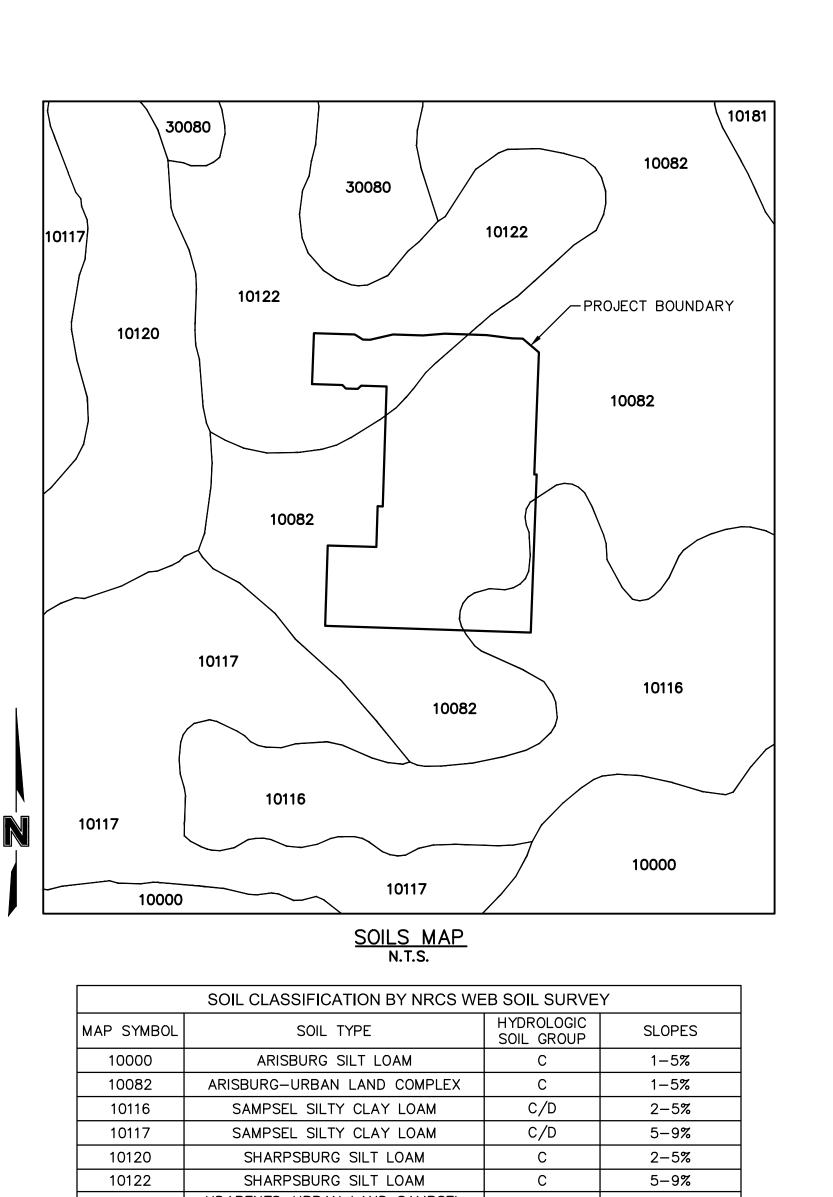
SUMMARY OF QUANTITIES AS INDICATED ABOVE AND ANY QUANTITIES AS SHOWN WITHIN THE PLANS HAVE BEEN PROVIDED FOR PERMITTING PURPOSES ONLY AND ARE NOT INTENDED FOR USE IN PREPARATION OF CONTRACT DOCUMENTS. QUANTITIES INTENDED FOR, BUT NOT LIMITED TO, THE PREPARATION OF PROPOSALS AND BID DOCUMENTS SHALL BE 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
04/28/2020

con - Civil Engineering souri Certificate of Authority #: 001592

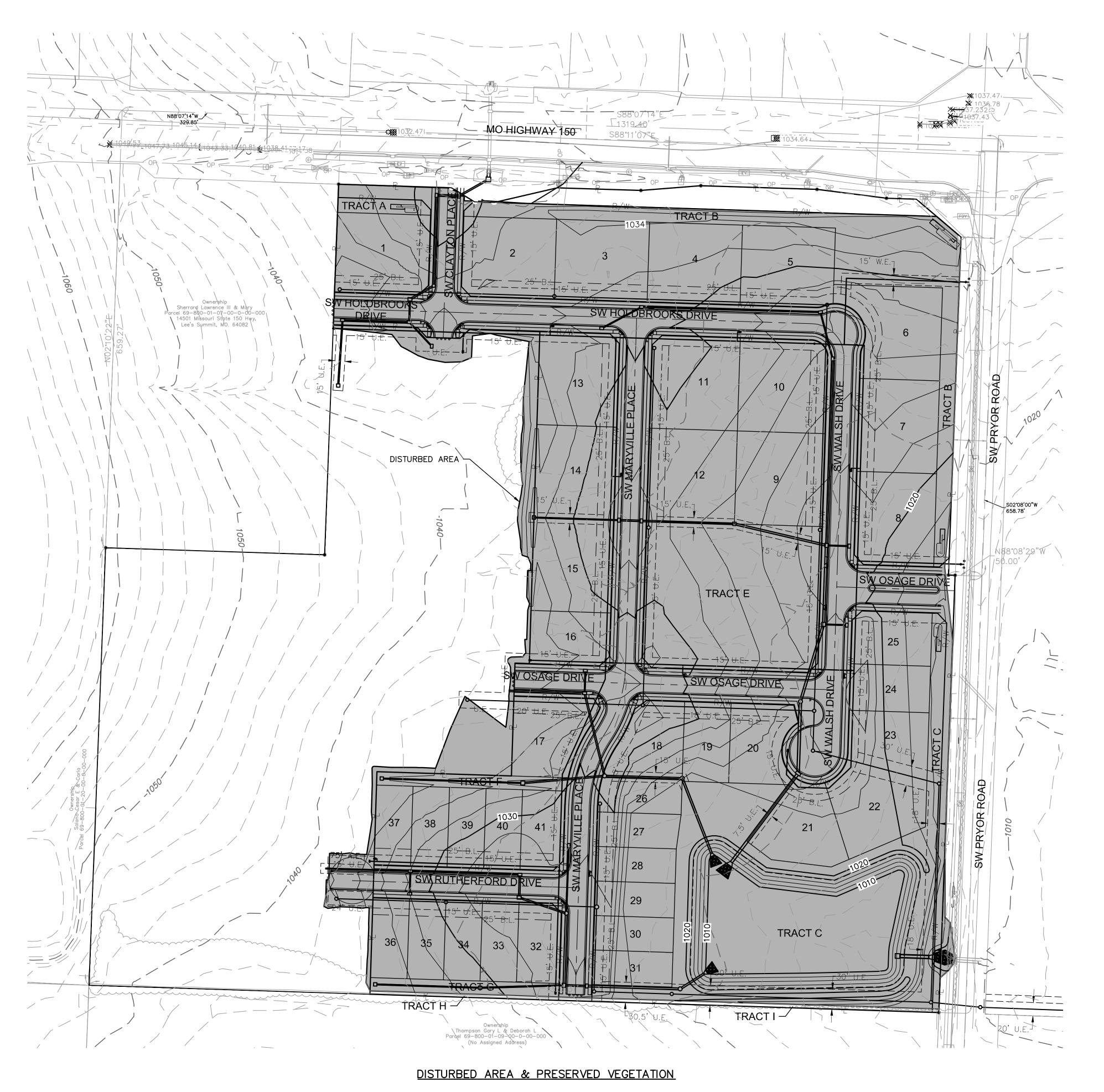
GENERAL NOTES & SITE DISTURBANO

SHEET C402



| | N. 1.5. | | |
|------------|--|--------------------------|--------|
| | SOIL CLASSIFICATION BY NRCS WE | EB SOIL SURVE | Y |
| MAP SYMBOL | SOIL TYPE | HYDROLOGIC SOIL GROUP | SLOPES |
| 10000 | ARISBURG SILT LOAM | С | 1-5% |
| 10082 | ARISBURG-URBAN LAND COMPLEX | С | 1-5% |
| 10116 | SAMPSEL SILTY CLAY LOAM | C/D | 2-5% |
| 10117 | SAMPSEL SILTY CLAY LOAM | C/D | 5-9% |
| 10120 | SHARPSBURG SILT LOAM | С | 2-5% |
| 10122 | SHARPSBURG SILT LOAM | С | 5-9% |
| 10181 | UDARENTS-URBAN LAND SAMPSEL COMPLEX | С | 5-9% |
| 30080 | GREENTON SILTY CLAY LOAM | C/D | 5-9% |

40' 80' SCALE IN FEET



RELEASE FOR
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI 04/28/2020

drawn by:
 checked by:
 SS

 designed by:
 BMW

 QA/QC by:
 JES

 project no.:
 A19-2339

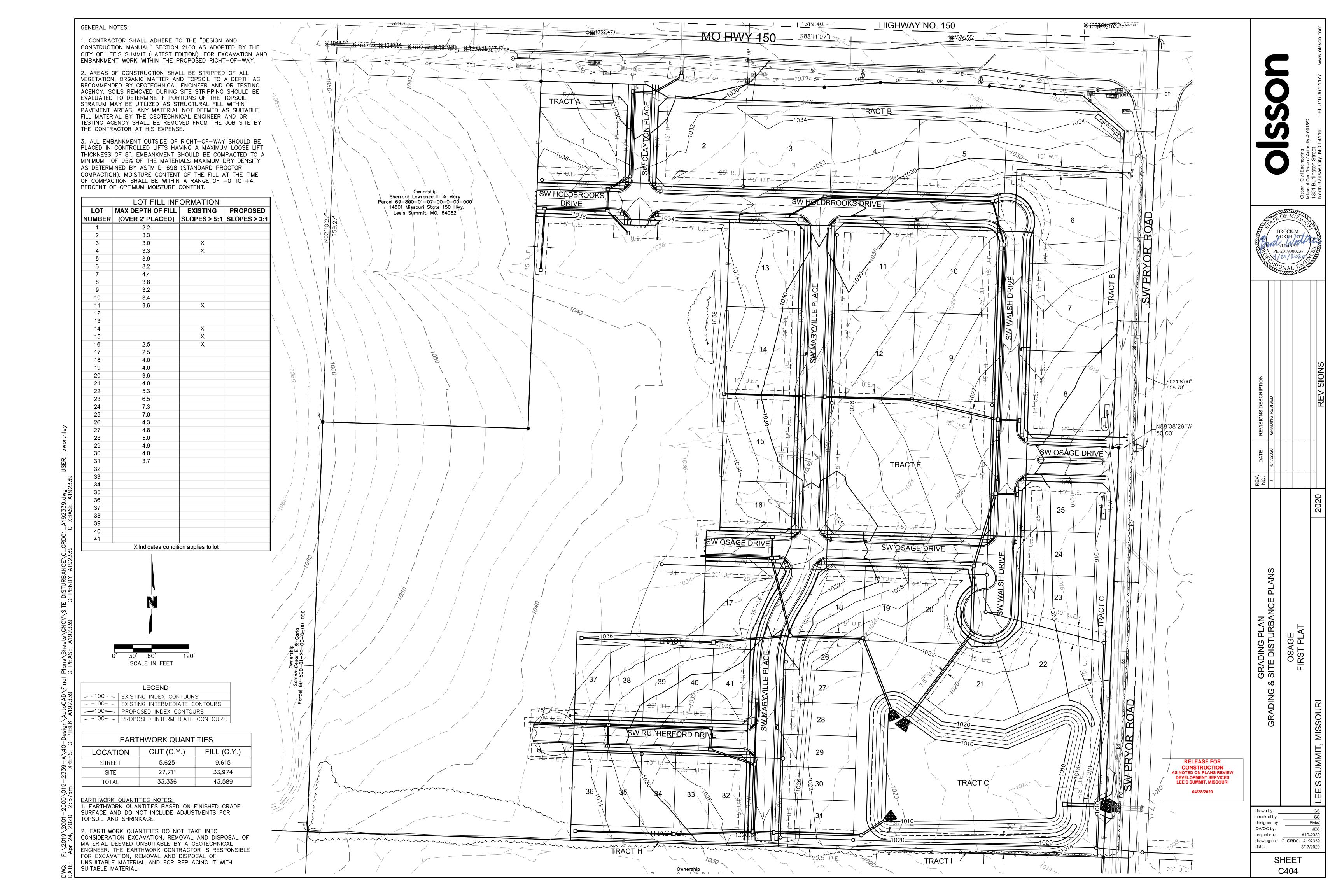
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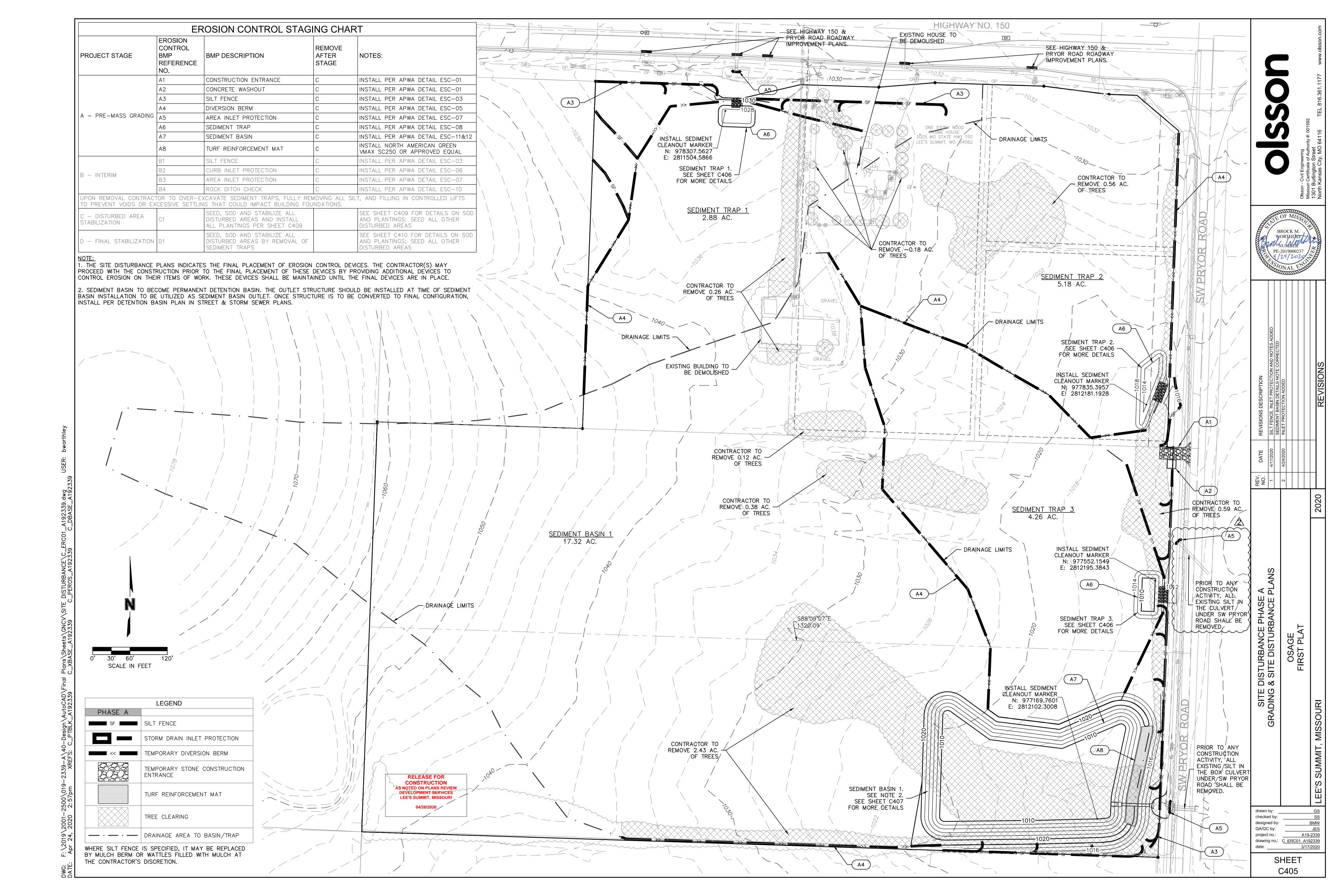
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 3/17/2020
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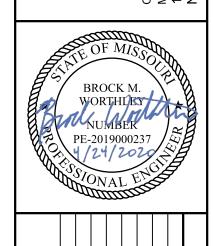
GENERAL LAYOUT & SITE DISTURBANCE

OSAGE FIRST PLAT

SHEET C403



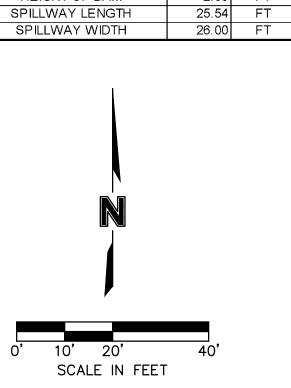


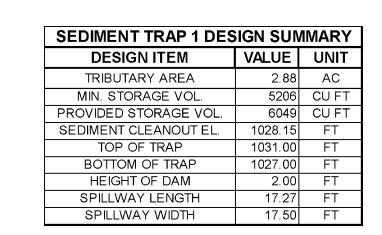


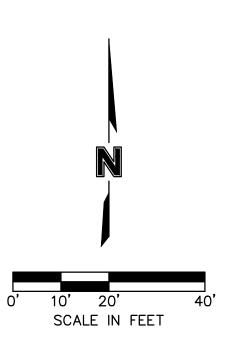
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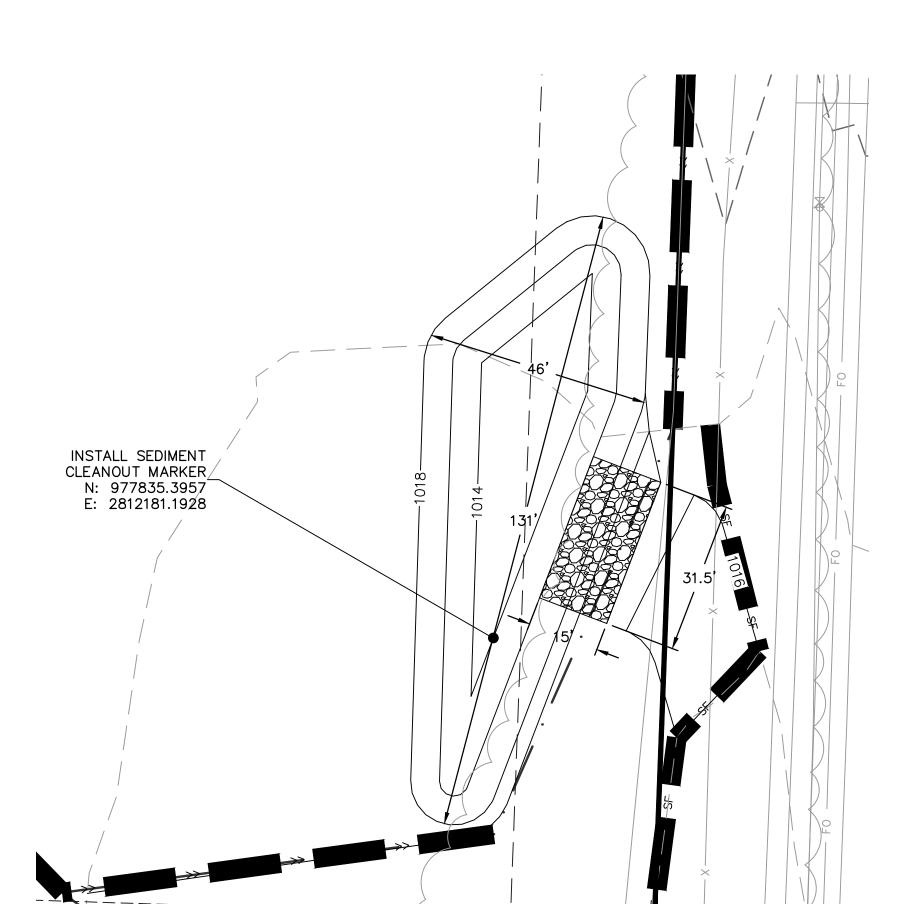
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| PTION | | | | | | | | SNOIS | |

| SEDIMENT TRAP 3 DES | IGN SUN | MARY |
|-----------------------|---------|-------|
| DESIGN ITEM | VALUE | UNIT |
| TRIBUTARY AREA | 4.26 | AC |
| MIN. STORAGE VOL. | 7700 | CU FT |
| PROVIDED STORAGE VOL. | 8639 | CU FT |
| SEDIMENT CLEANOUT EL. | 1011.10 | FT |
| TOP OF TRAP | 1014.00 | FT |
| BOTTOM OF TRAP | 1010.00 | FT |
| HEIGHT OF DAM | 2.00 | FT |







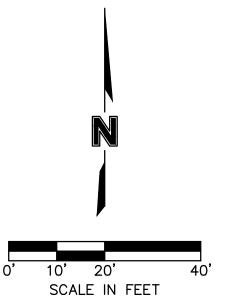


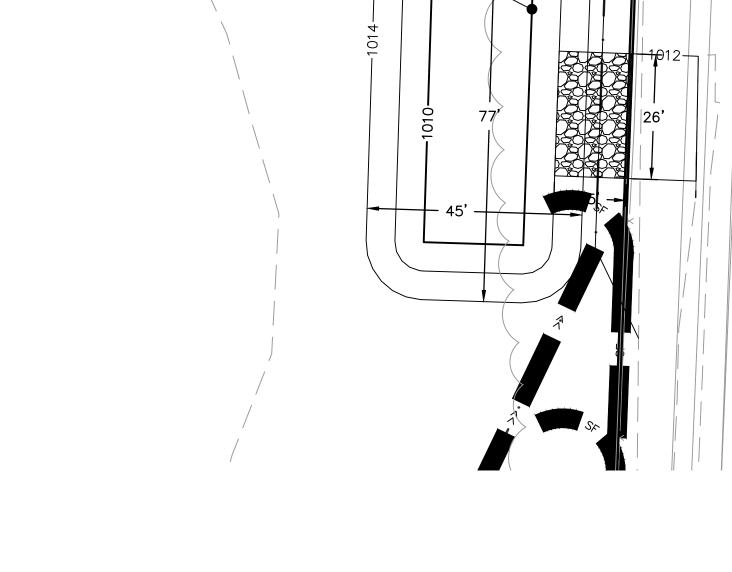
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INSTALL SEDIMENT CLEANOUT MARKER_/ N: 978307.5627 E: 2811504.5866

TOP OF SEDIMENT TRAP. ELEV=1031

| SEDIMENT TRAP 2 DESIGN SUMMARY | | | | | | | |
|--------------------------------|---------|-------|--|--|--|--|--|
| DESIGN ITEM | VALUE | UNIT | | | | | |
| TRIBUTARY AREA | 5.18 | AC | | | | | |
| MIN. STORAGE VOL. | 9376 | CU FT | | | | | |
| PROVIDED STORAGE VOL. | 9931 | CU FT | | | | | |
| SEDIMENT CLEANOUT EL. | 1015.24 | FT | | | | | |
| TOP OF TRAP | 1018.00 | FT | | | | | |
| BOTTOM OF TRAP | 1014.00 | FT | | | | | |
| HEIGHT OF DAM | 2.00 | FT | | | | | |
| SPILLWAY LENGTH | 31.10 | FT | | | | | |
| SPILLWAY WIDTH | 31.50 | FT | | | | | |





INSTALL SEDIMENT CLEANOUT MARKER/ N: 977552.1549 E: 2812195.3843

| 0' 10' 20' | 40' |
|-----------------------------|-----|
| 0' 10' 20' SCALE IN FEET | 40' |

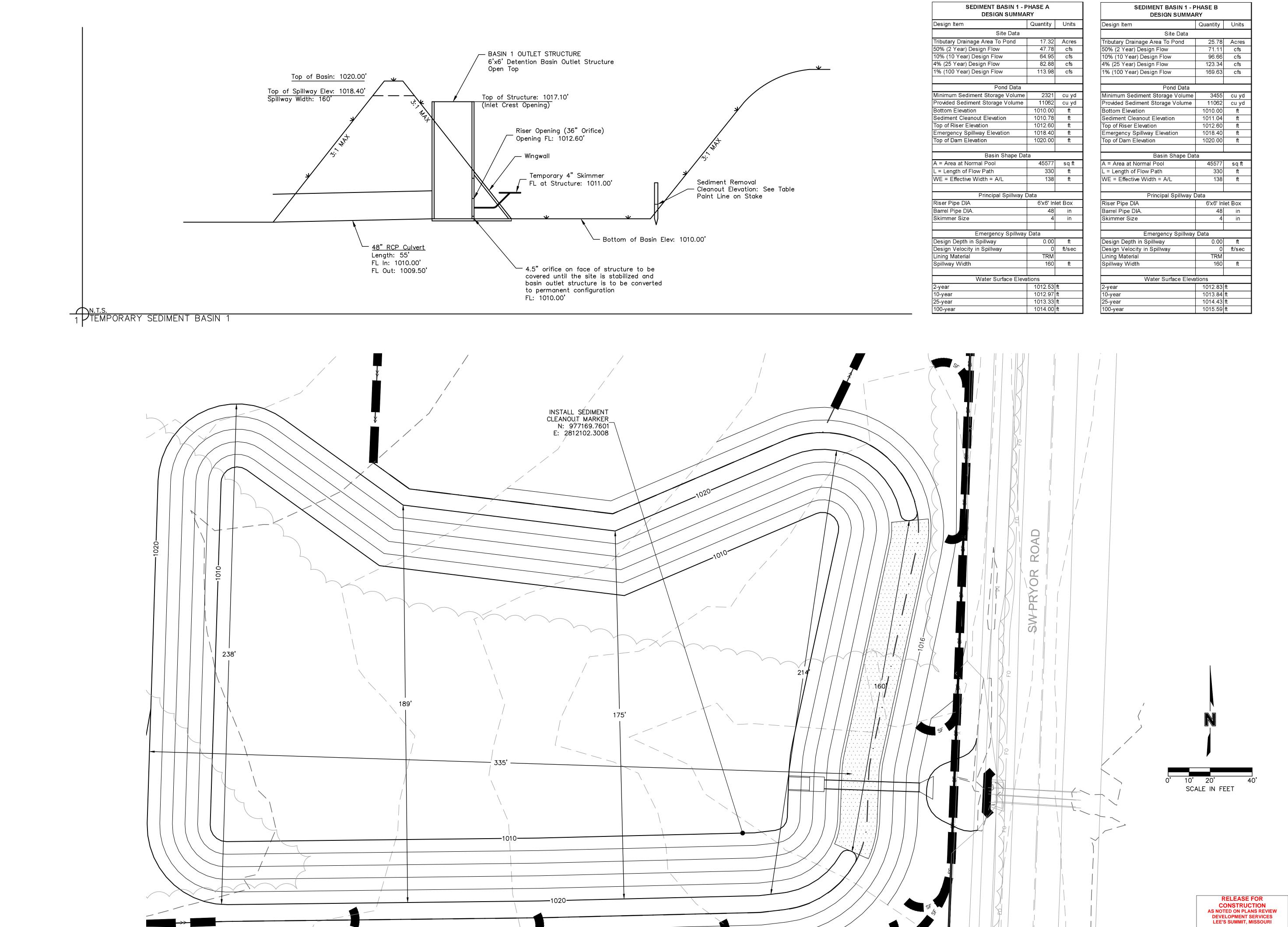
RELEASE FOR
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI 04/28/2020

| | | | | _ |
|--------------|---|-------|-------|------|
| | | | | |
| drawn by: _ | | | | GS |
| checked by: | _ | | | SS |
| designed by: | | | I | BMW |
| QA/QC by: | | | | JES |
| project no.: | _ | | A19- | 2339 |
| drawing no : | C | ERC01 | A19 | 2339 |
| date: | | | 3/17/ | 2020 |
| | | | | |
| S | Н | EET | • | |
| | | | | |

C406

SITE DISTURBANCE PHASE A - TRAP TABLES GRADING & SITE DISTURBANCE PLANS

OSAGE FIRST PLAT



BROCK M. WORTHIEY NUMBER PE-2019000237

> SITE DISTURBANCE PHASE A - BASIN TABLES GRADING & SITE DISTURBANCE PLANS OSAGE FIRST PLAT checked by:

 designed by:
 BMW

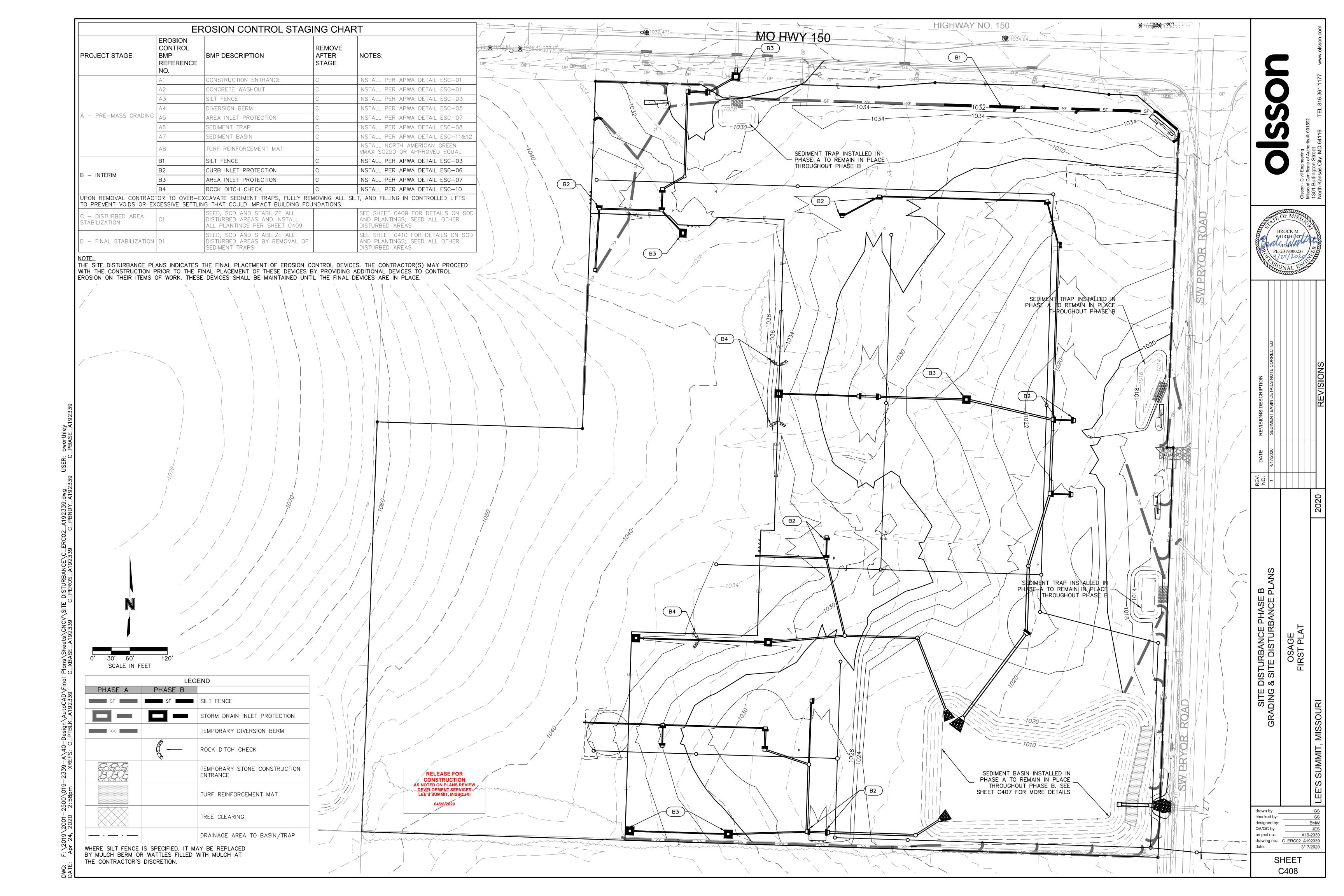
 QA/QC by:
 JES

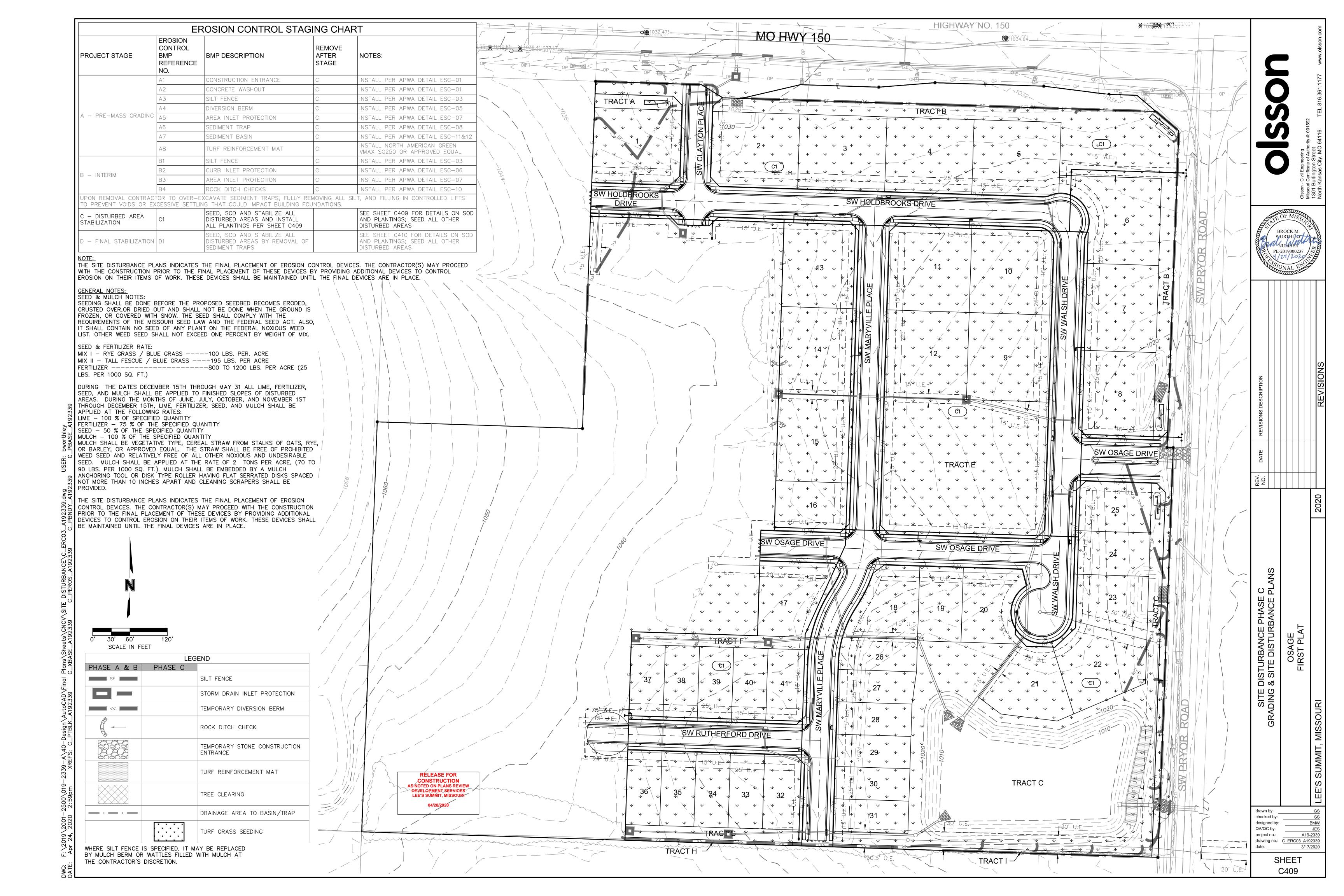
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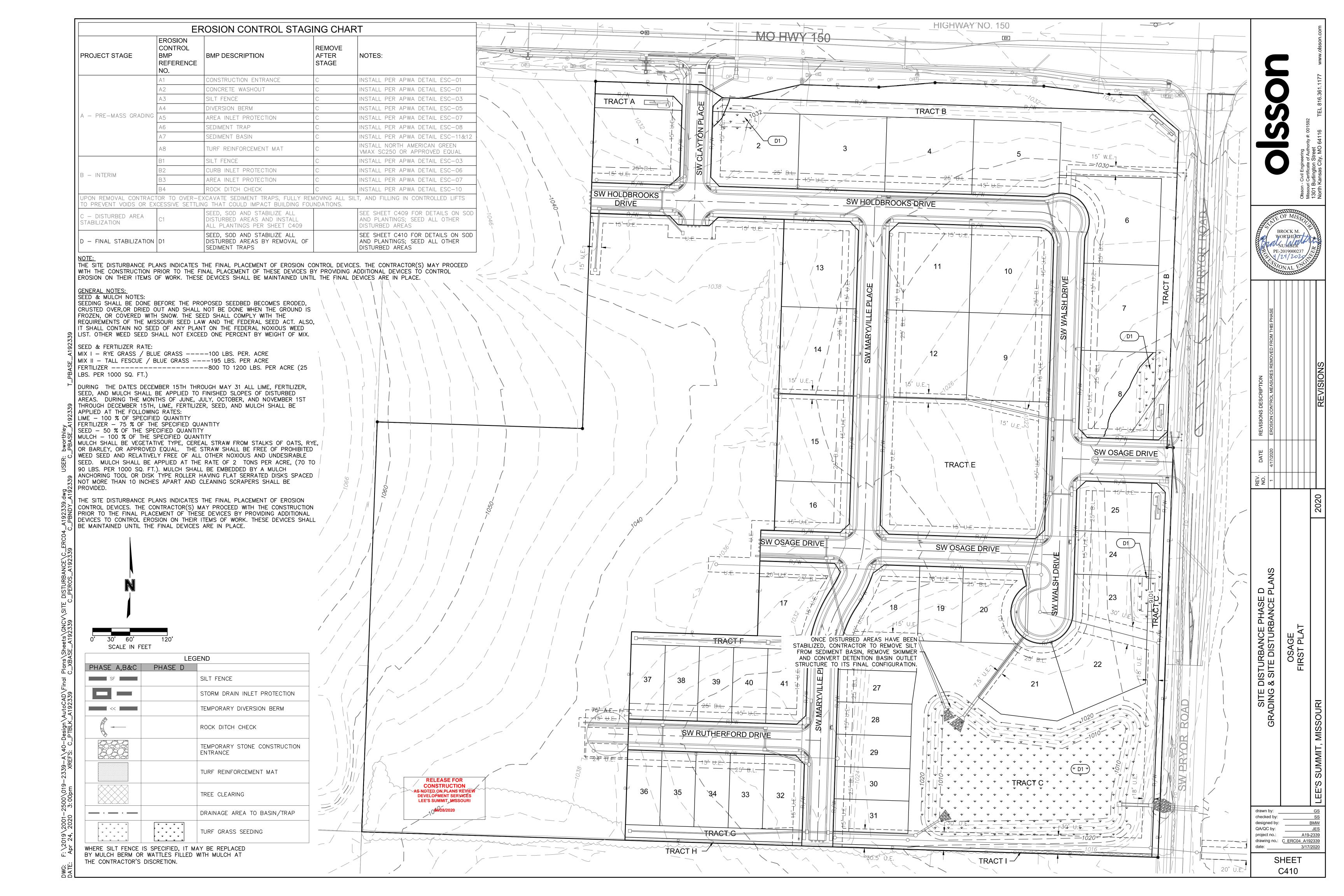
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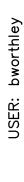
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 3/17/2020

SHEET

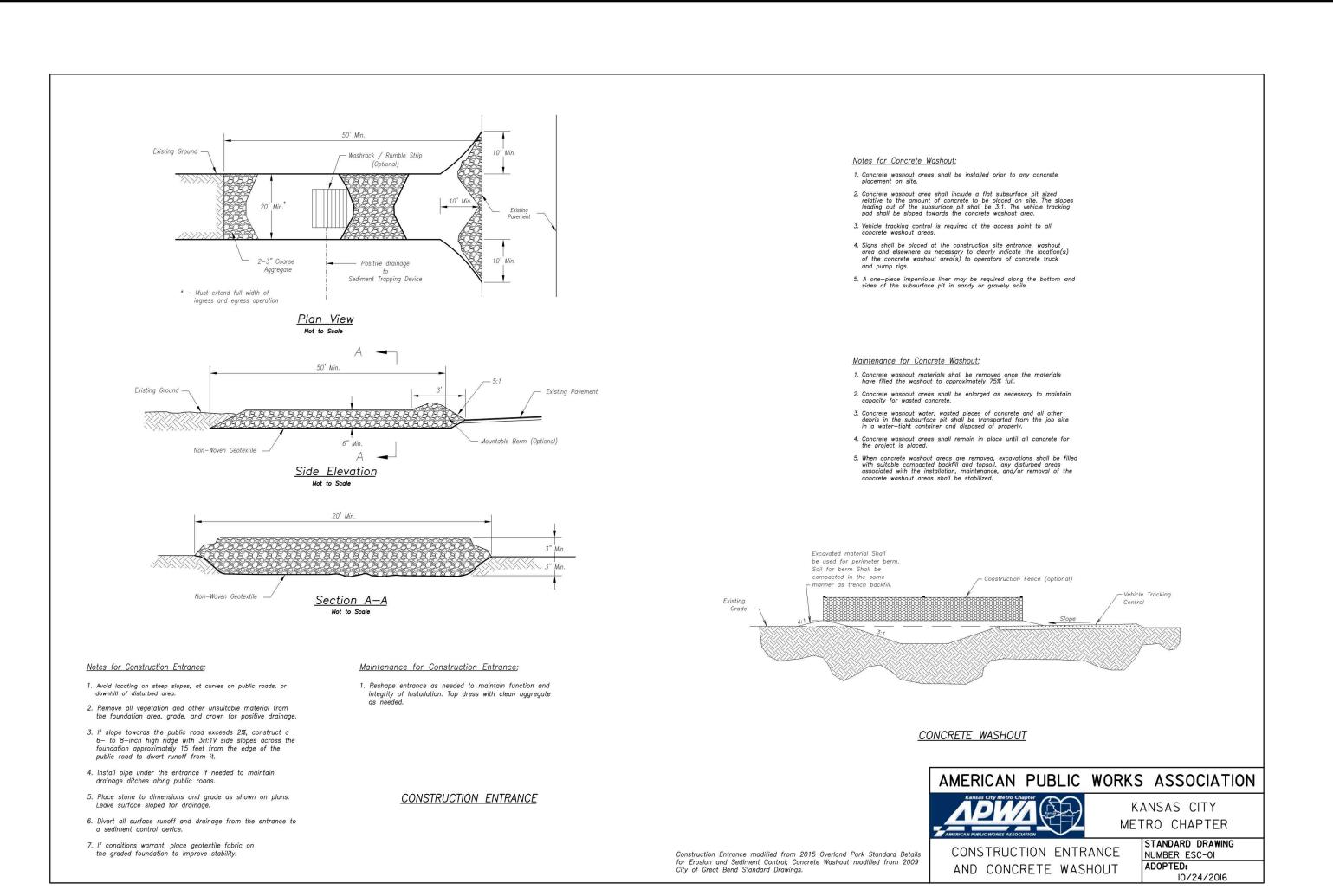


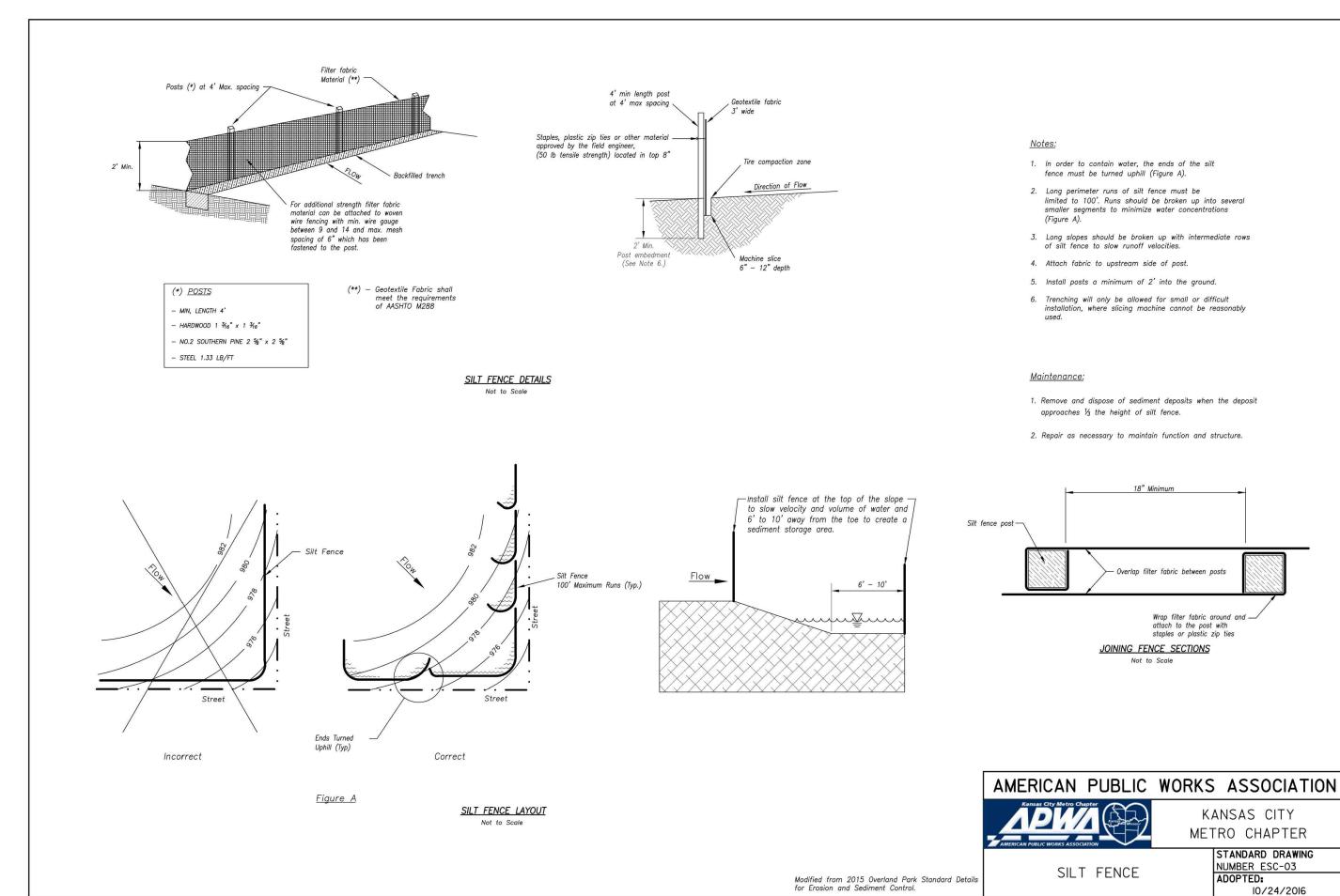


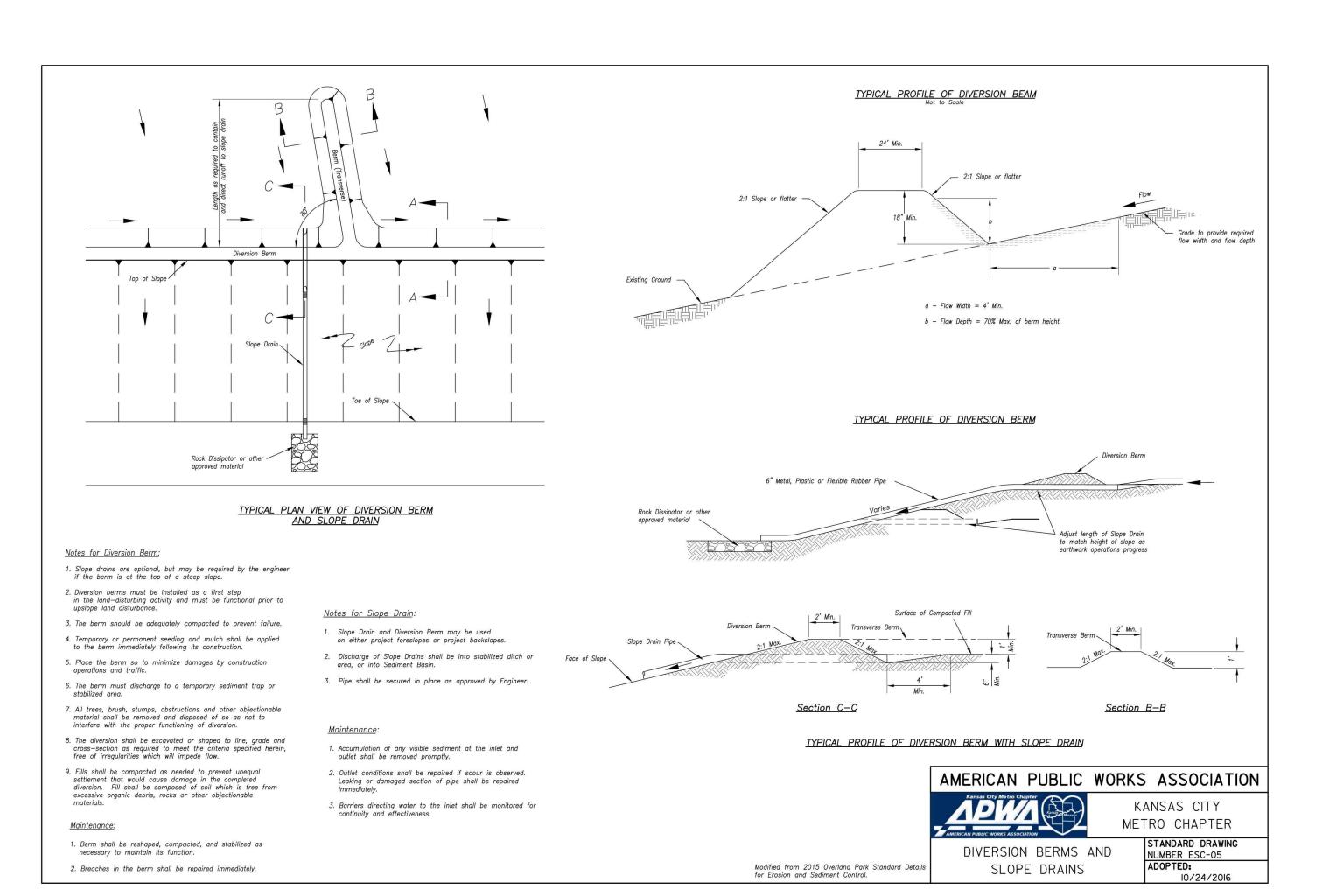














DETAIL SHEET SITE DISTURBANCE OSAGE IRST PLAT drawn by: checked by: designed by: QA/QC by: project no.: A19-2339

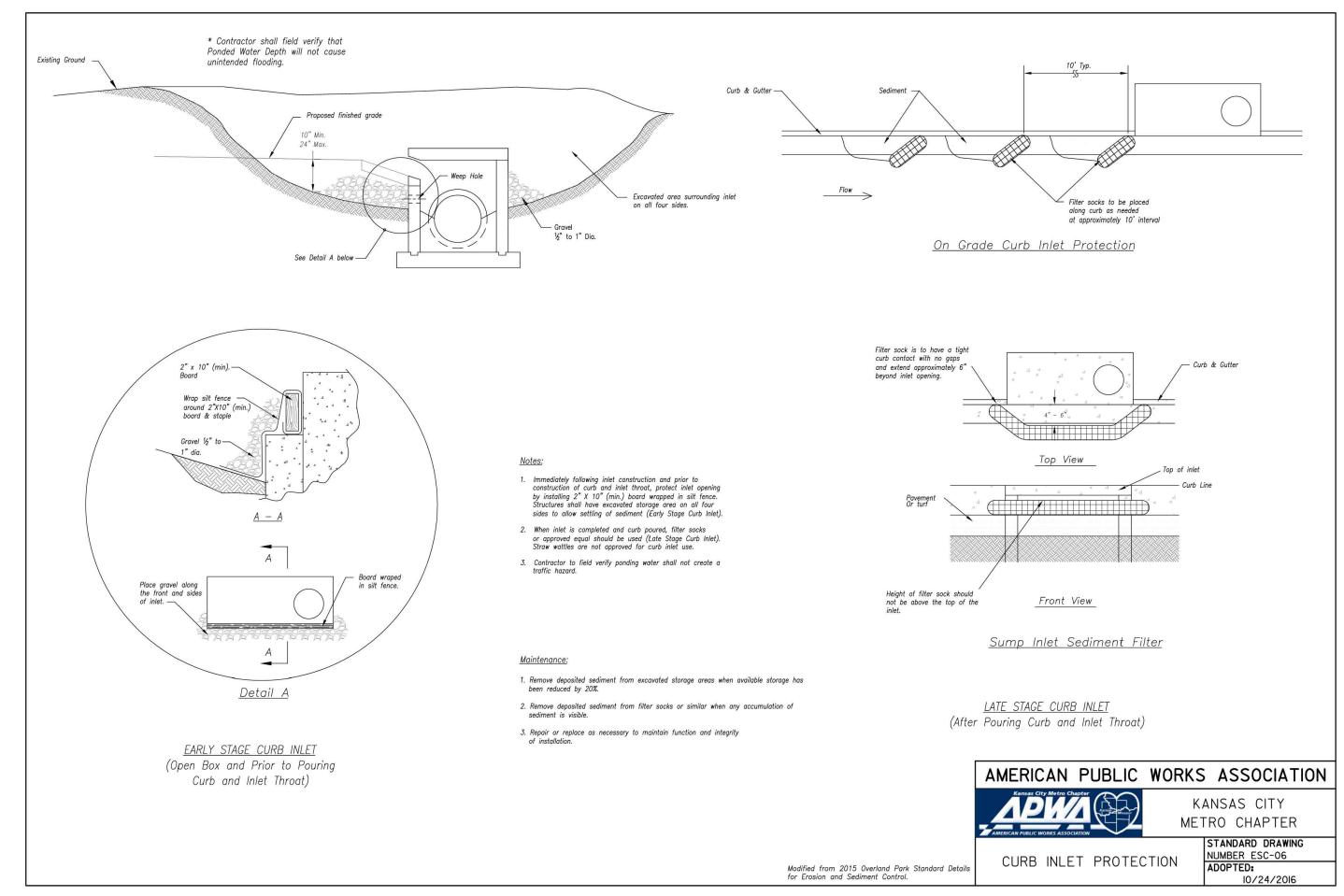
BROCK M.

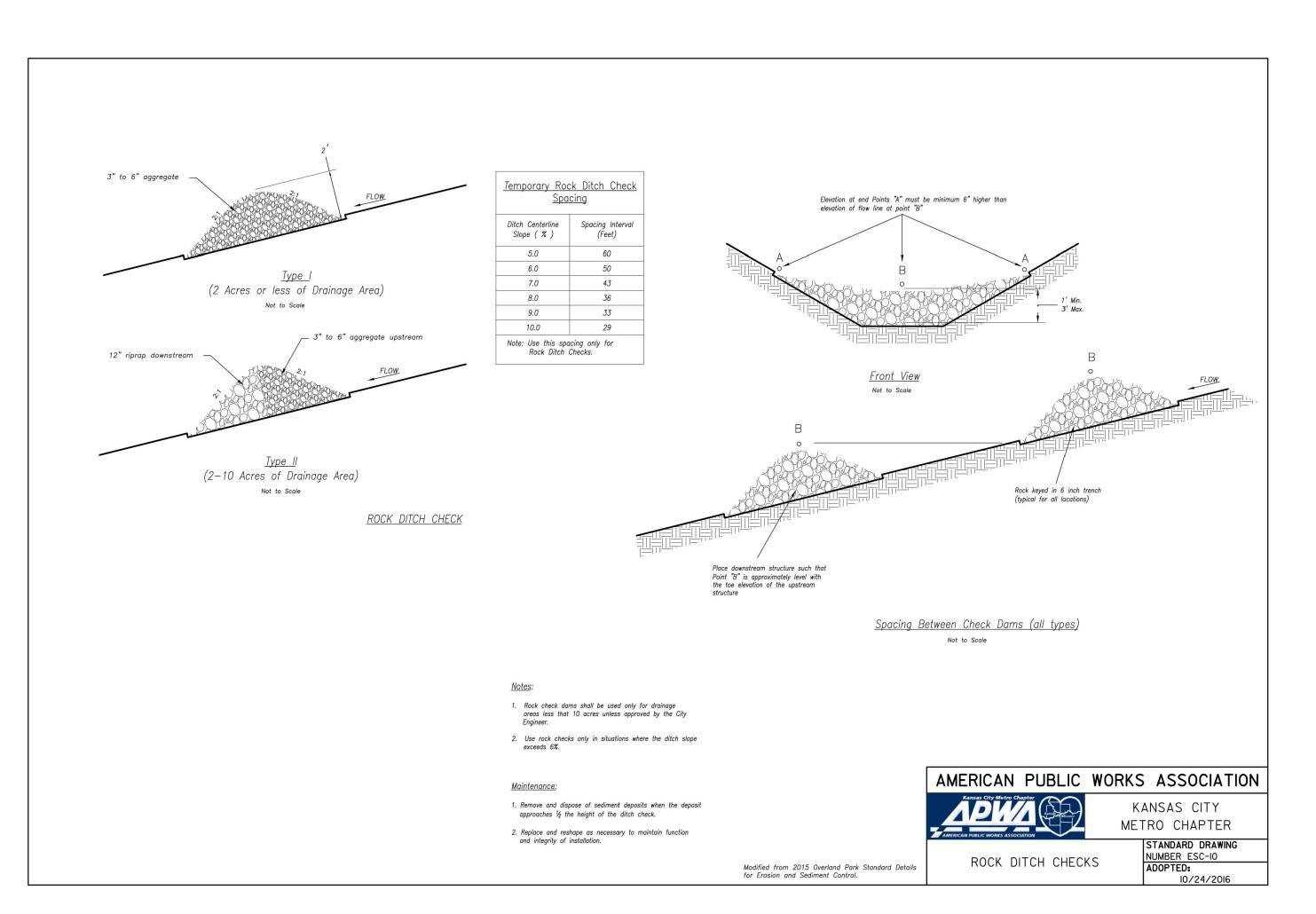
PE-2019000233

WORTHLEY

drawing no.: <u>C_DTL01_A192339</u> 3/17/2020 SHEET

C411







DETAIL SHEET

GRADING & SITE DISTURBANCE PLANS

OSAGE
FIRST PLAT

LEE'S SUMMIT, MISSOURI

DETAIL SHEET

REV. DATE REVISIONS DESCRIPTOR TO THE PROPERTY TO THE

drawn by:

checked by:

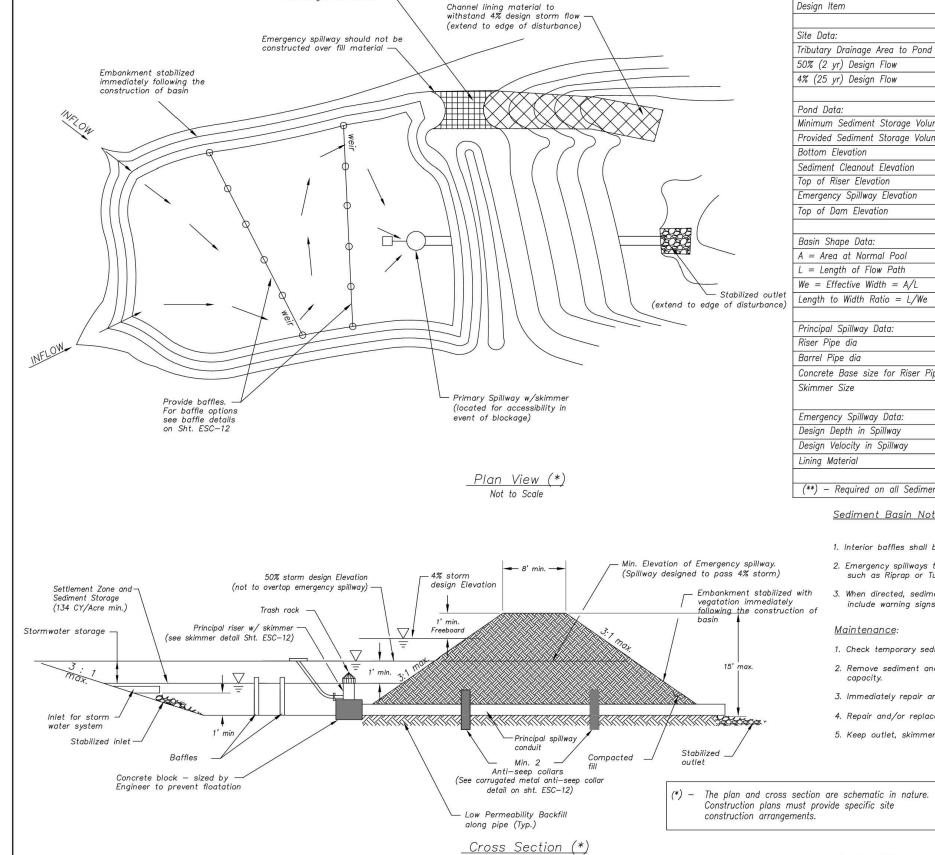
designed by: QA/QC by:

project no.: A19-2339 drawing no.: C DTL01 A192339

SHEET

C412

BROCK M.



Not to Scale

Not to Scale

schematic in nature.

construction arrangements.

Original ground elevation

Original ground —/
elevation

1. The area under the embankment shall be cleared, grubbed,

2. Fill material for the embankment shall be free of roots or

other woody vegetation, organic material, large stones, and other objectionable material. The embankment should be

The earthen embankment shall be stabilized immediately after installation.

4. Construction operations shall be carried out to minimize

The structure shall be removed and the area stabilized when the upslope drainage area has been stabilized.

All cut and fill slopes shall be 2H: 1V or flatter, except for excavated, wet storage areas which may be at a maximum 1H: 1V grade.

compacted in 6-inch layers by traversing with construction

and stripped of any vegetation and root mat.

Notes for Sediment Trap:

erosion and water pollution.

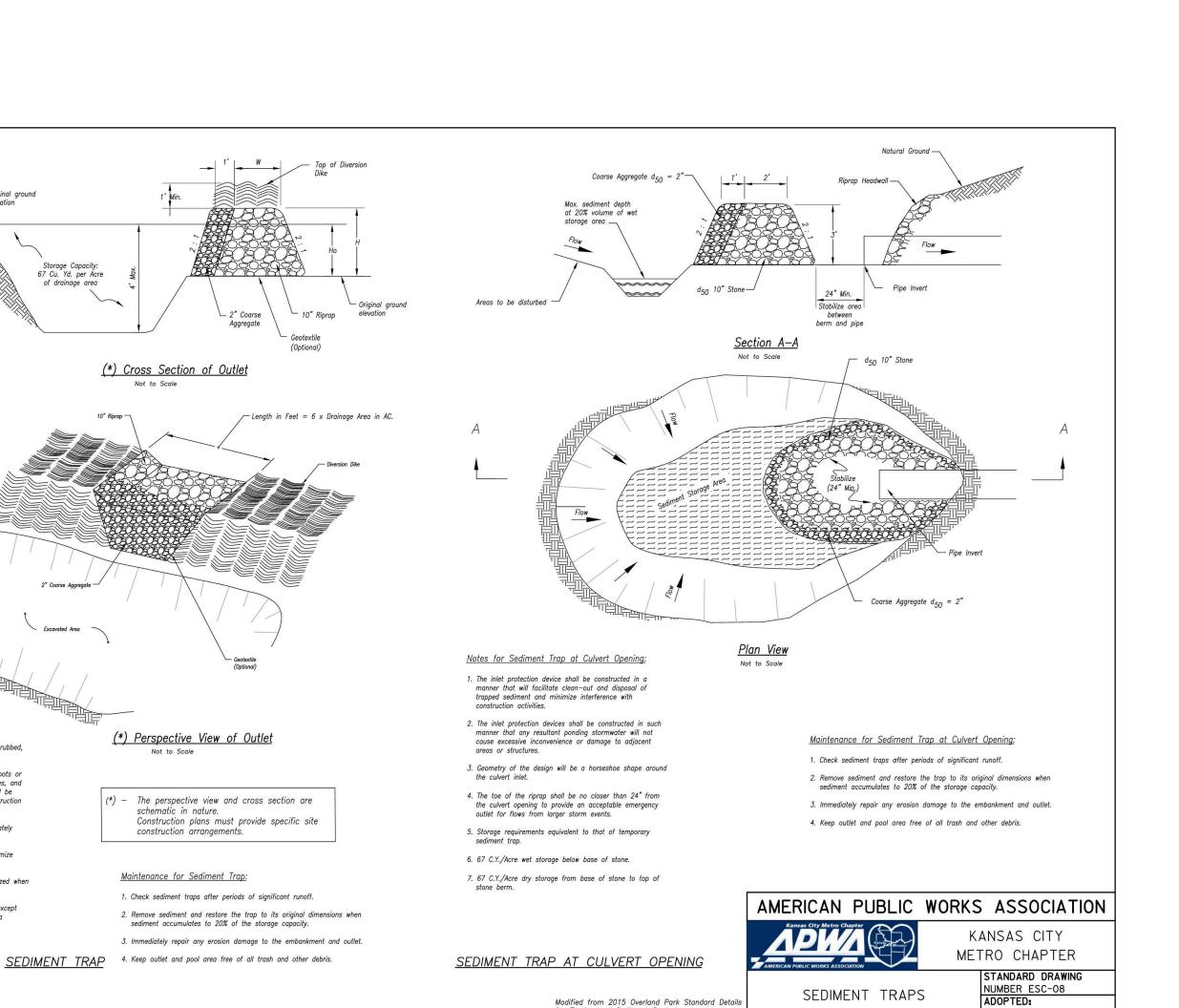
Not to Scale

Emergency spillway control section— 20 ft. min. length flat section



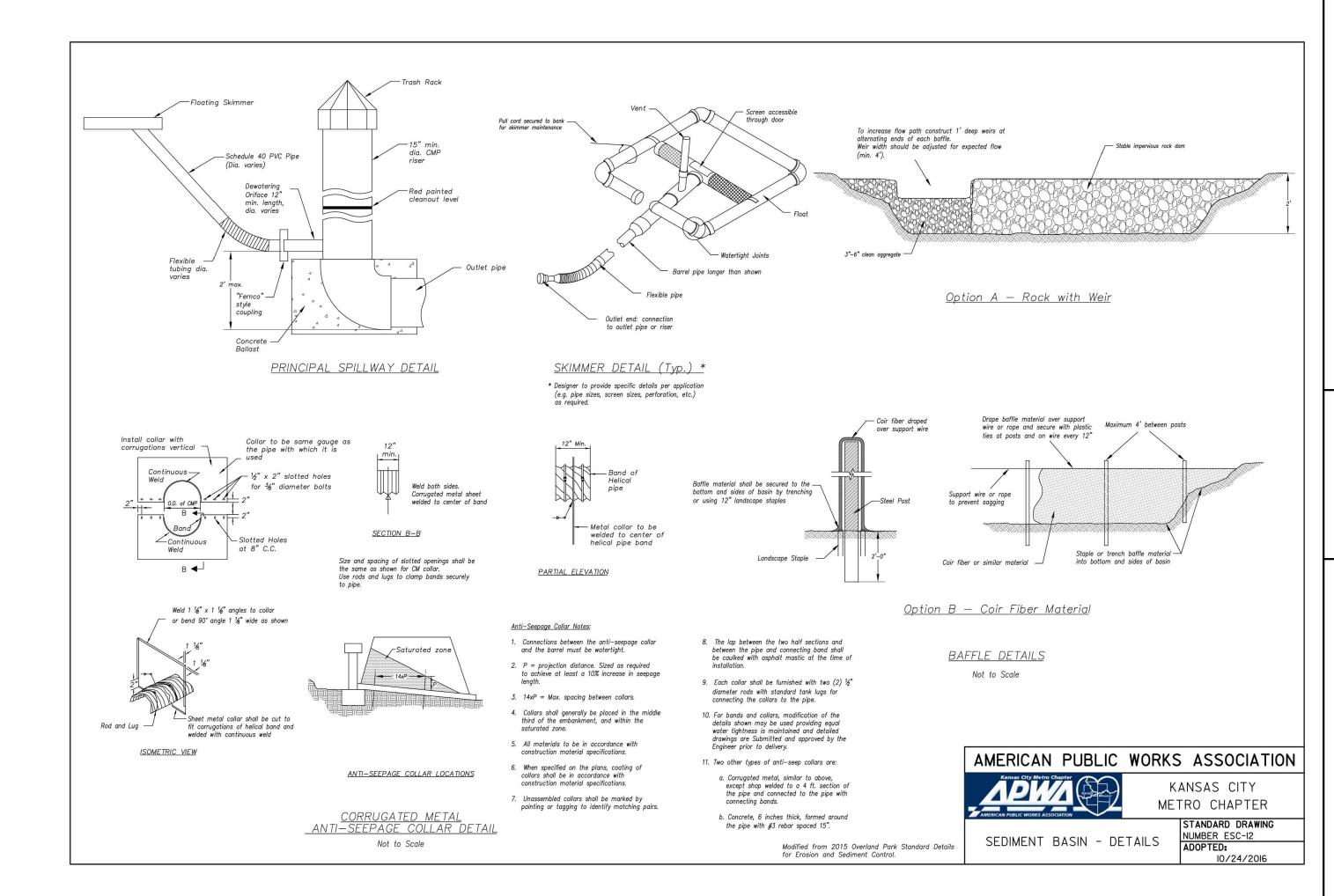
4. Repair and/or replace baffles as necessary to maintain function and integrity of installation. 5. Keep outlet, skimmer and pool area free of all trash and other debris. AMERICAN PUBLIC WORKS ASSOCIATION KANSAS CITY METRO CHAPTER STANDARD DRAWING NUMBER ESC-II SEDIMENT BASIN Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control. 10/24/2016

10/24/2016



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

3. Immediately repair any erosion damage to the embankment and outlets.





DETAIL SHEET SITE DISTURBANC drawn by:

checked by:

designed by:

QA/QC by:

project no.:

drawing no.: <u>C_DTL01_A192339</u>

SHEET

A19-2339

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