

GENERAL

1. Linear foot measurements shown on the plans are horizontal measurements, not slope measurements. All payments shall be made on horizontal measurements.
2. No geological information is shown on these plans.
3. The utility locations shown on these plans are taken from utility company records and are approximate only. They do not constitute actual field locations. The contractor shall verify the location and depth of all utilities prior to construction.
4. The contractor shall adhere to the provisions of the Senate Bill Number 583.78th General Assembly of the State of Missouri. The bill requires that any person or firm doing excavation on public right-of-way do so only after giving notice to, and obtaining approval from, the Missouri Department of Transportation. If any person or firm is named and happens to be a contractor on this project, the contractor shall notify all those companies which have facilities in the near vicinity of the construction to be performed.
5. All waste material resulting from the project shall be disposed of off-site by the contractor.
6. All excavation shall be undrained. No separate payment will be made for rock excavation.
7. The contractor shall control the erosion and siltation during all phases construction, and he shall keep the streets clean of mud and debris.
8. All manholes, catch basins, utility valves and meter pits to be adjusted or rebuilt to grade as required. All existing utilities shall be adjusted as required.
9. Subgrade soil for all concrete structures, regardless of the type or location, shall be firm, dense and thoroughly compacted and consolidated; shall be free from mud and mud; and shall be sufficiently stable to remain firm and intact under the feet of the workmen or machinery engaged in subgrade surfacing, laying reinforcing steel, and depositing concrete thereon. In all cases where subsoil is muddy or works into mud or mud during such operation, a seal course of either concrete or rock shall be placed below subgrade to provide a firm base for working and for placing the floor slab.
11. The contractor is responsible for providing all surveying that may be required.
12. Easements indicated on these drawings will be provided for on the final plot and properly dimensions. Easements outside the platted area will be provided for by separate documents prior to issuance of a construction permit.

STREETS & STORM SEWER

1. All construction shall follow the City of Lee's Summit Design and Construction Manual as adopted by Ordinance 5813.

GRADING PLAN FOR

LOT 6a & LOT 7 OF

I-470 BUSINESS AND TECHNOLOGY CENTER

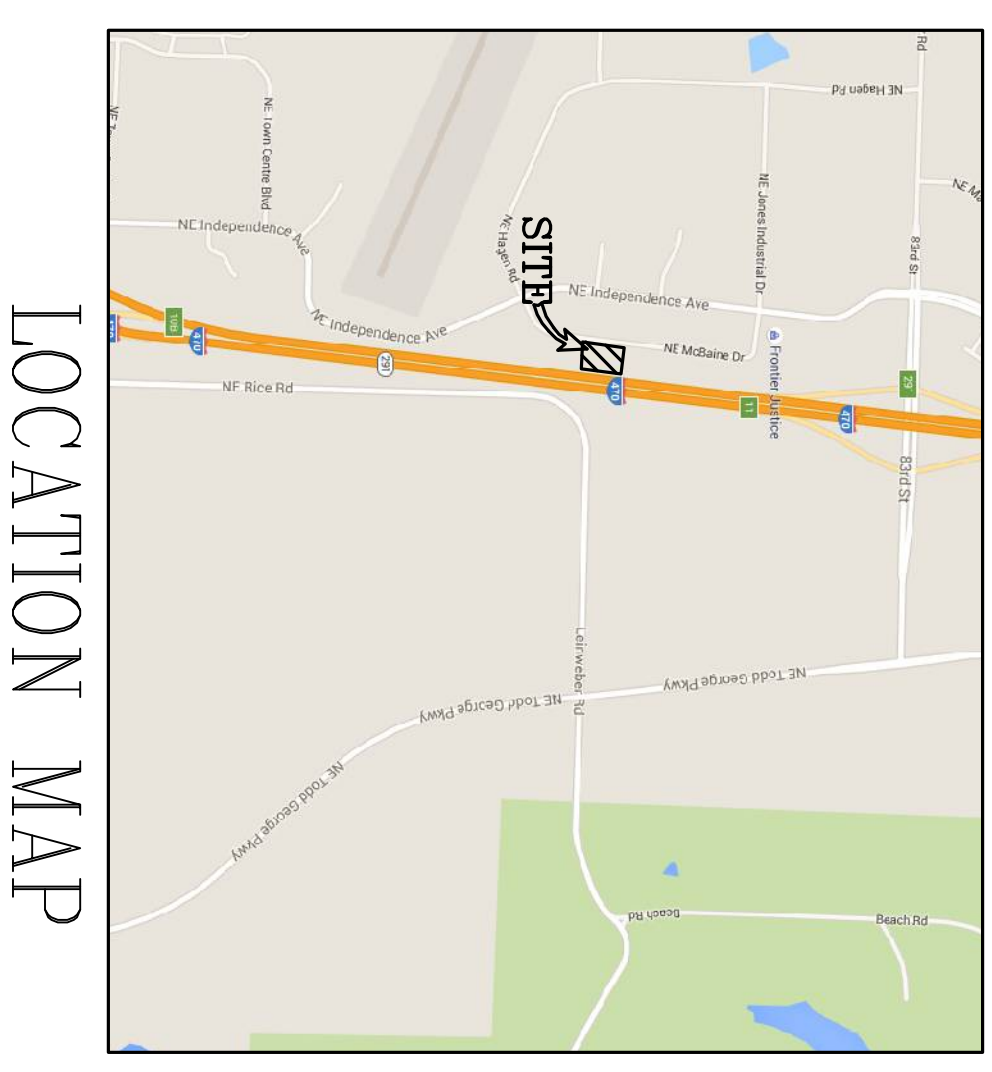
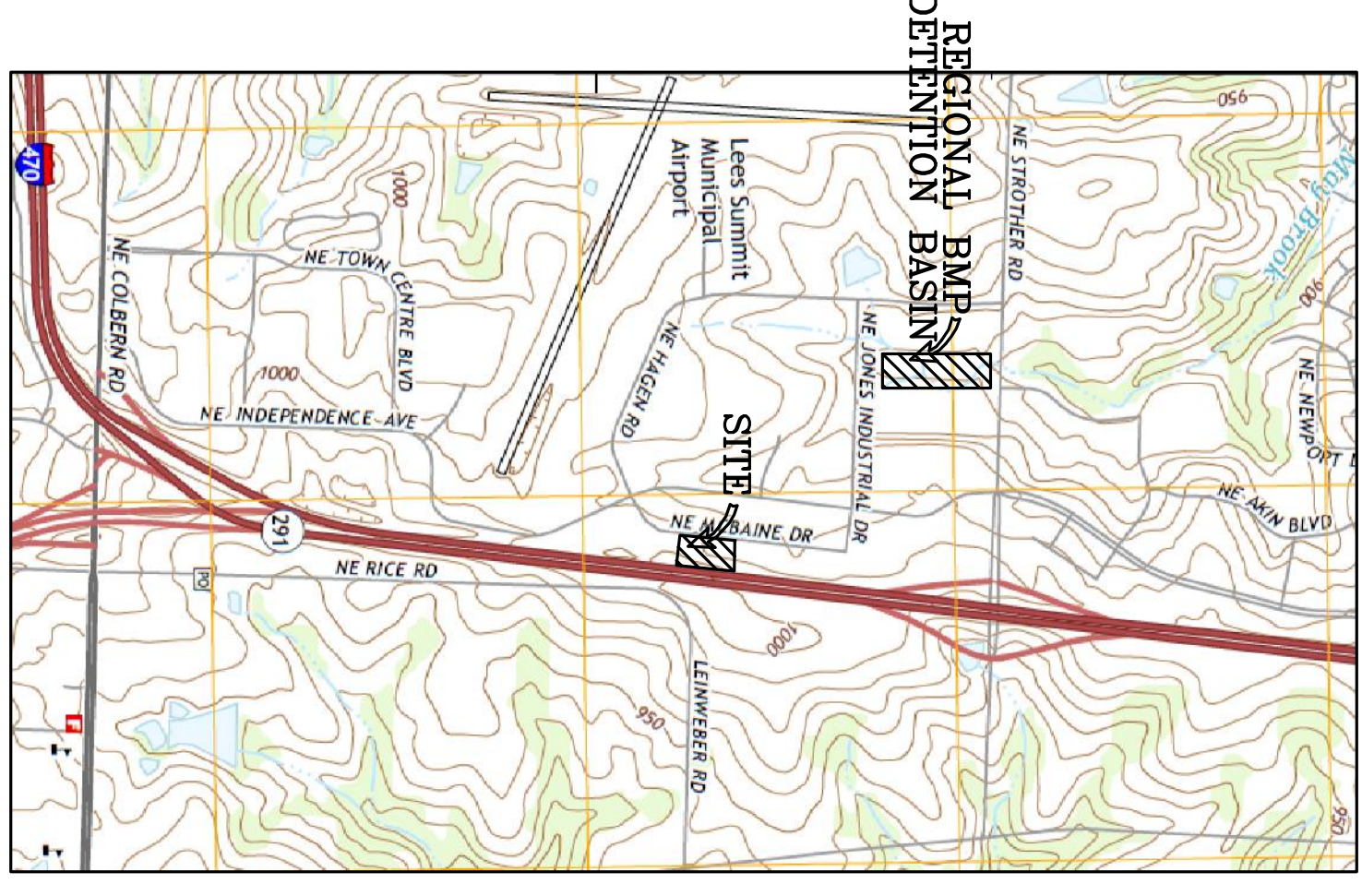
SECTION 20, TOWNSHIP 48, RANGE 31

LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

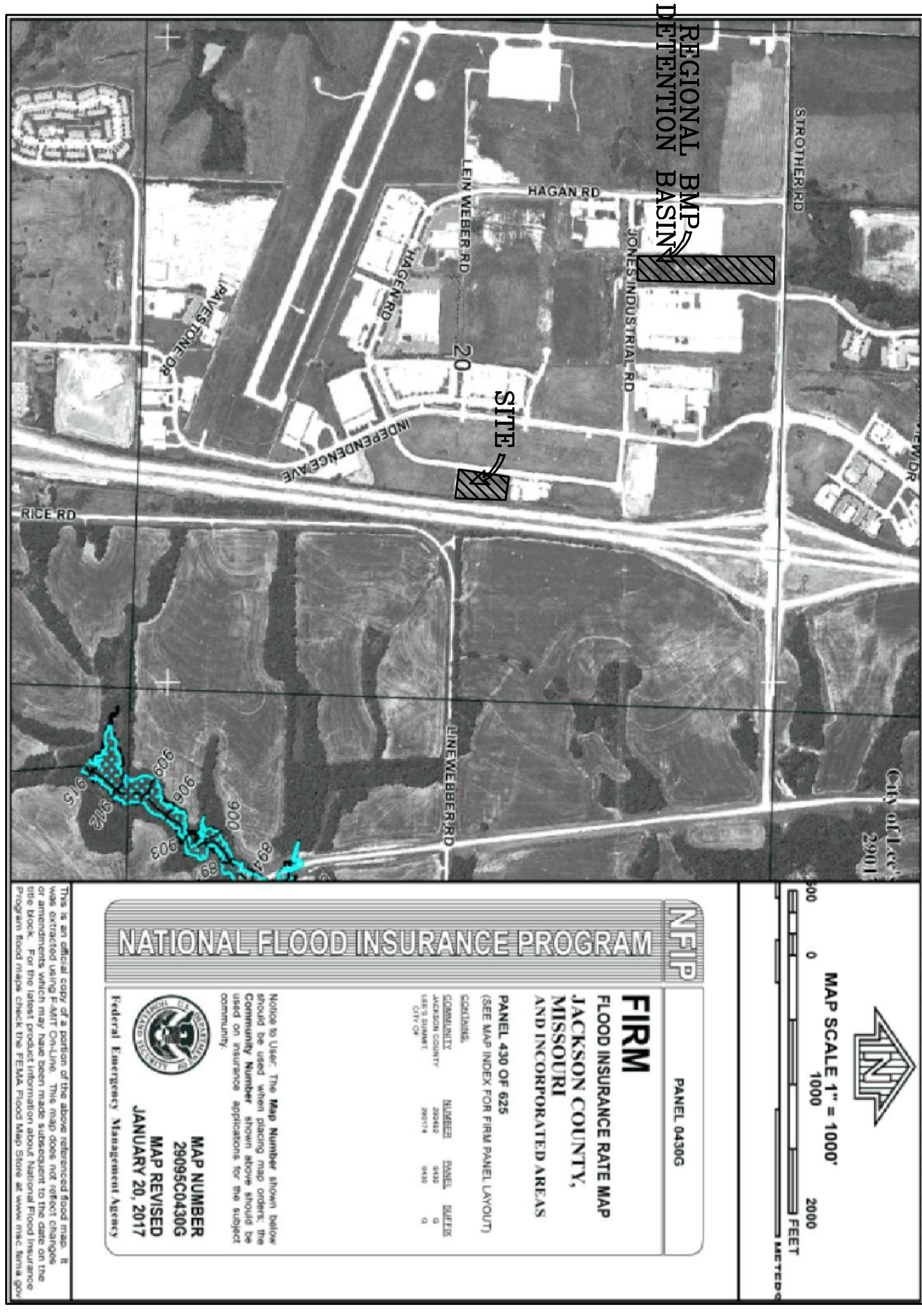
DEVELOPER:
BLUE SPRINGS SAFETY STORAGE LLC
 1120 NW EAGLE RIDGE BLVD.
 GRAIN VALLEY, MISSOURI 64029
 Ph.# 816-229-8115

SHEET INDEX
 C100 CIVIL PLANS COVER SHEET
 C301 SITE ESC PHASE 1 & 2 PLAN
 C302 SITE ESC DETAILS
 C303 SITE ESC DETAILS

LEGAL DESCRIPTION:
 I-470 BUSINESS AND TECHNOLOGY CENTER LOT 13A
 A REPLAT OF LOTS 6a AND LOT 7 OF I-470 BUSINESS
 AND TECHNOLOGY CENTER A SUBDIVISION IN LEE'S
 SUMMIT, JACKSON COUNTY, MISSOURI



LOCATION MAP



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
 FLOOD INSURANCE RATE MAP
 JACKSON COUNTY,
 MISSOURI
 AND INCORPORATED AREAS

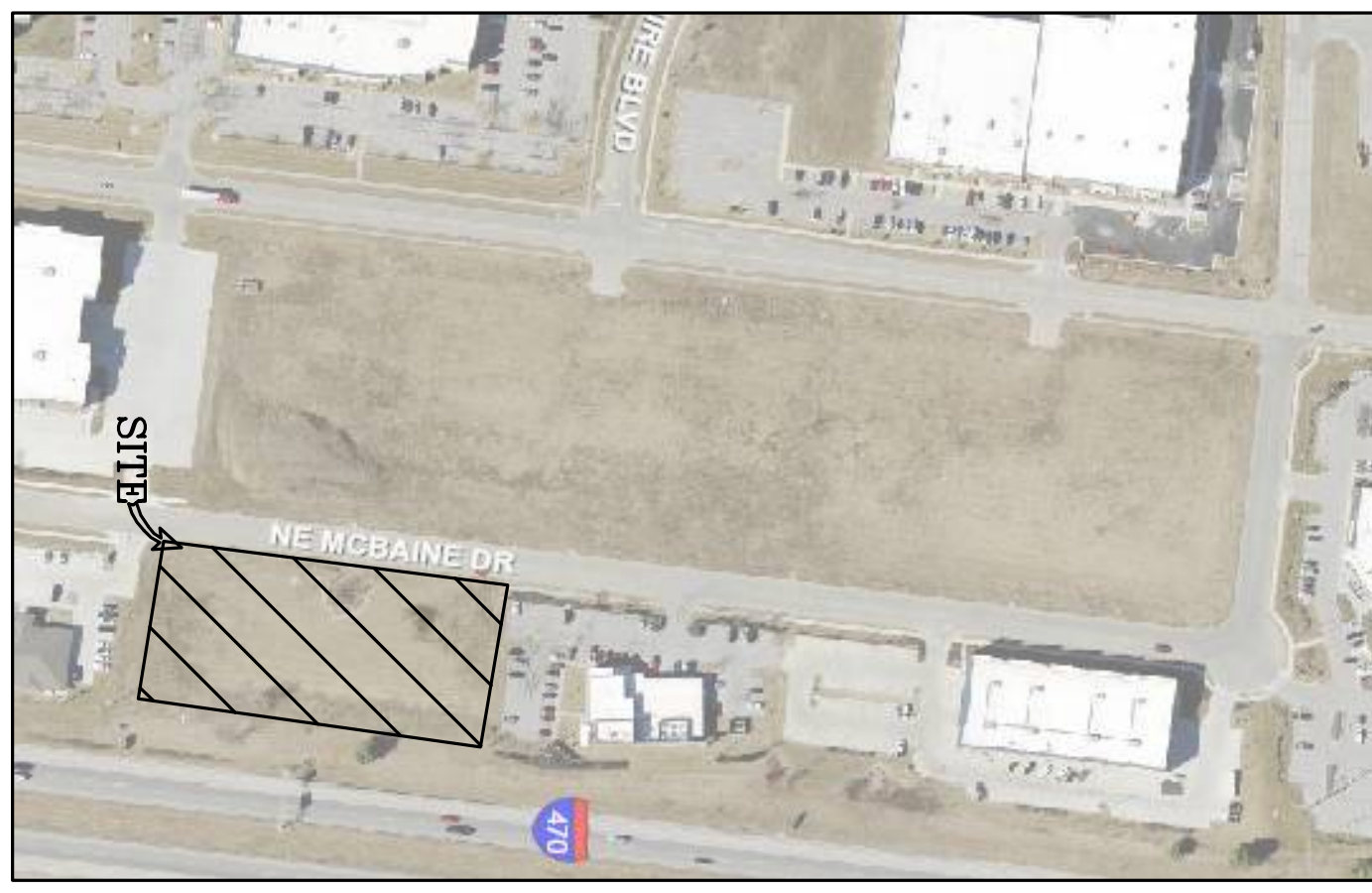
PANEL 04300

DATE: 03/01/2017

MAP NUMBER: 2008030003
 MAP REVISED: JANUARY 20, 2017

MAP SCALE: 1" = 1000'

0 1000 2000 FEET



SITE DATA TABLE:
 1. NO IMPROVEMENTS ARE PROPOSED WITH THESE PLANS

UTILITY NOTES:
 1. NO UTILITIES ARE PROPOSED WITH THESE PLANS

PERVIOUS VS IMPERVIOUS CALCULATIONS
 NO IMPERVIOUS SURFACE IS PROPOSED WITH THESE PLANS

UTILITIES

BEFORE YOU DIG - DRILL - BLAST



Call 1-800-344-7483 (MISSOURI)
 1-800-344-7233 (KANSAS)

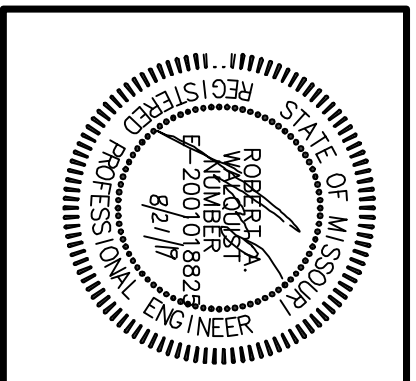
LEE'S SUMMIT PUBLIC WORKS
 220 SE GREEN STREET
 LEE'S SUMMIT, MISSOURI 64063
 (816) 969-1800

MO GAS ENERGY
 P.O. BOX 219255
 KANSAS CITY, MO 64141
 (816) 756-5252

KANSAS CITY POWER & LIGHT CO.
 P.O. BOX 219330
 KANSAS CITY, MO 64121-9330
 (816) 471-5275

TELEPHONE COMPANY
 CENTURY LINK
 P.O. BOX 2961
 PHOENIX, AZ 85062
 (800) 788-3600

CIVIL PLANS COVER SHEET



I-470 LOT 13A

LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

Quist Engineering, Inc
 Civil Engineering for Residential &
 Commercial Site Development

821 NE Columbus St.
 Lee's Summit, Missouri 64063
 Phone: (816) 550-5675
 email: rwalquist@quistengineering.com

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DATE: 6-20-19

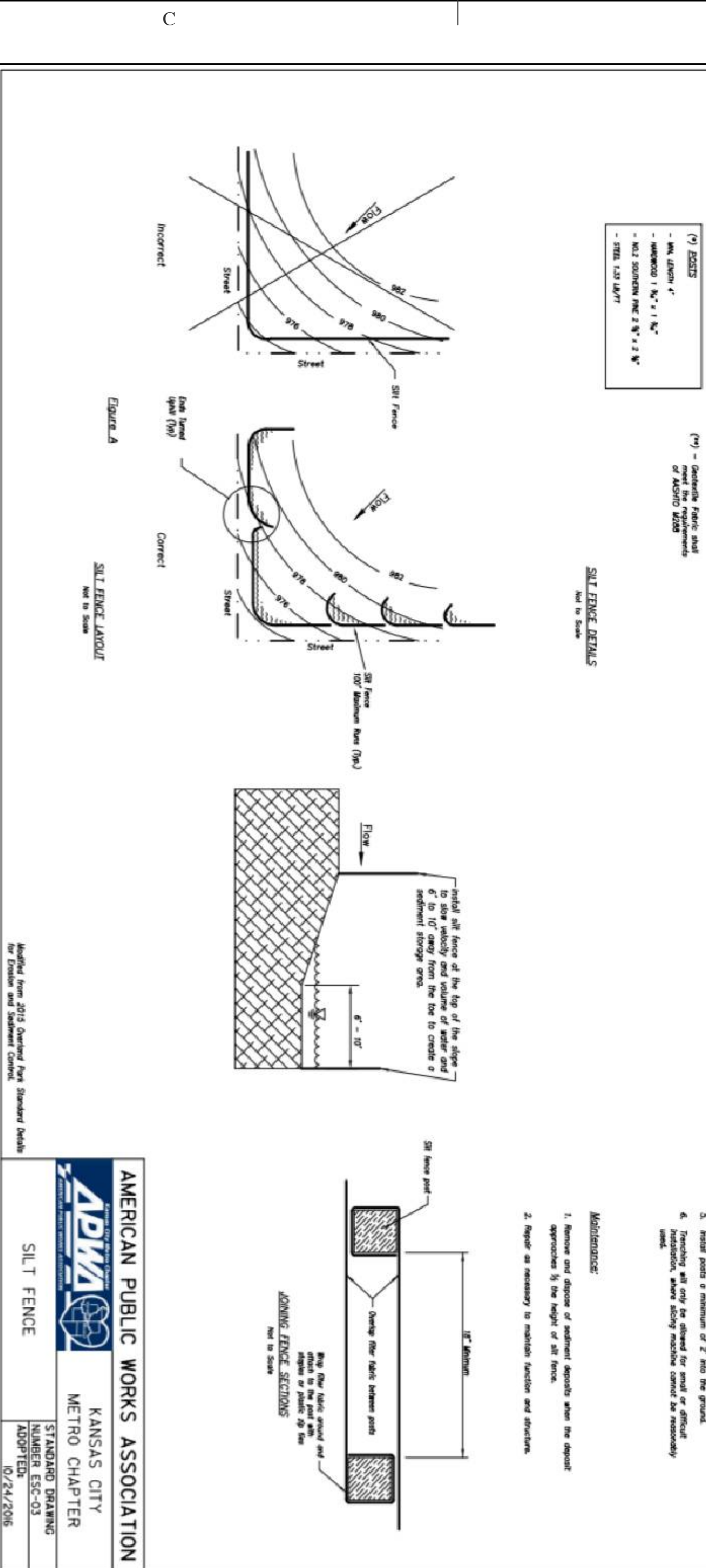
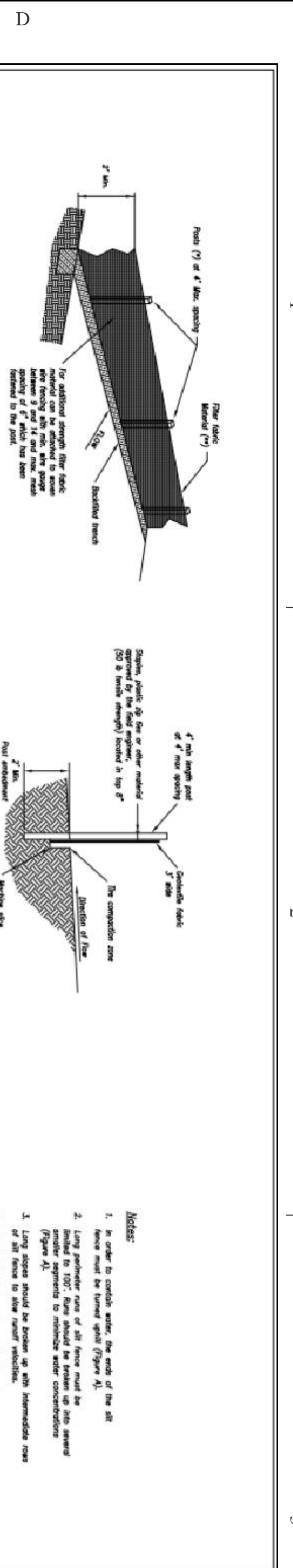
REVISIONS

7.24.19	
8.7.19	
8.21.19	

SHEET NO.

C100

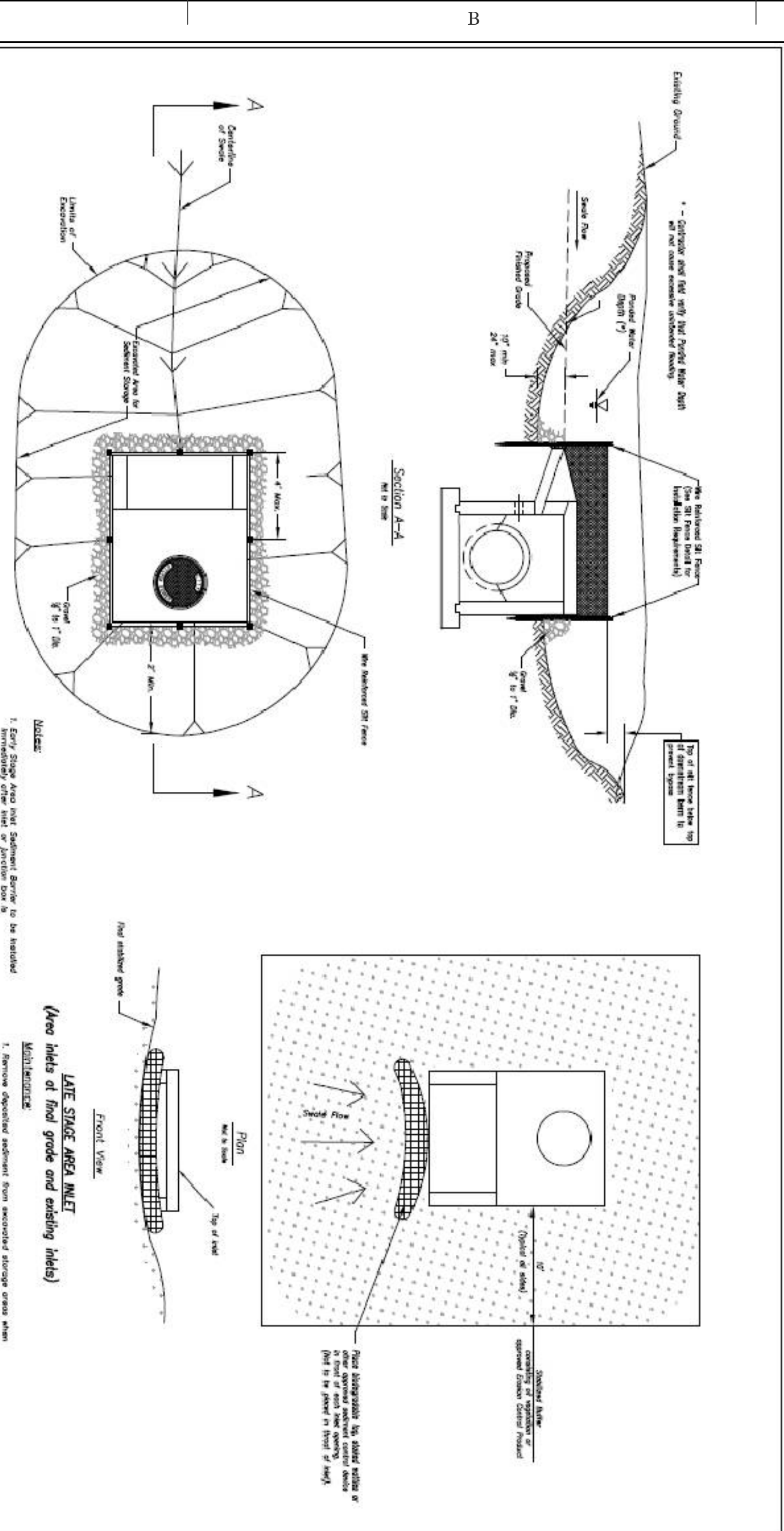
JOB NO. E18-337



AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER: ESC-08
ADOPTED: 02/24/2006

SILT FENCE

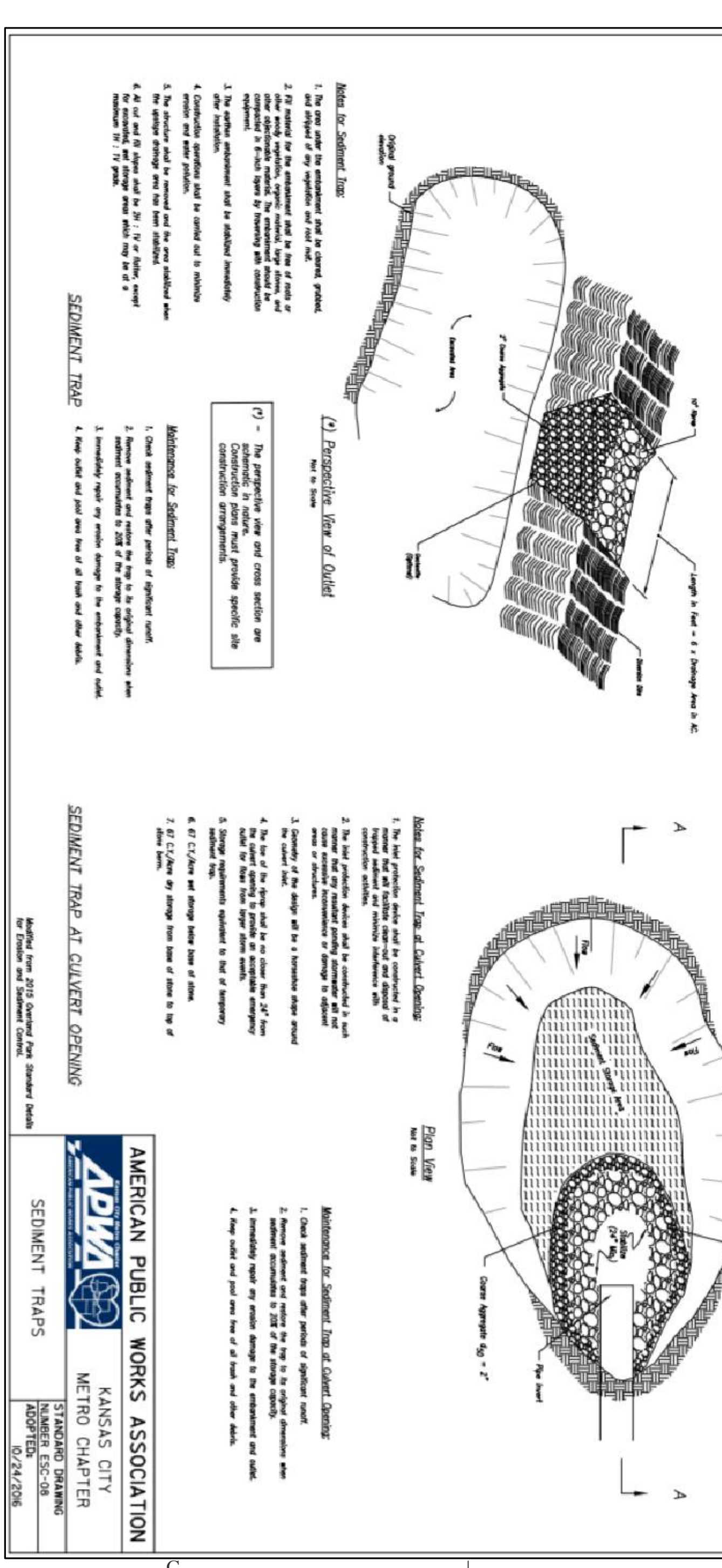
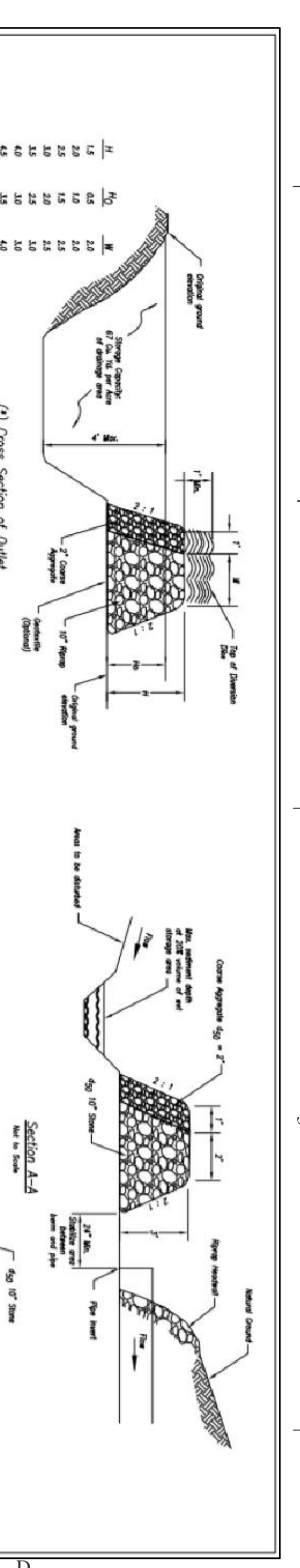
Modified from 2010 Standard Plan Standard Details for Erosion and Sediment Control



AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER: ESC-07
ADOPTED: 02/24/2006

EARLY STAGE AREA INLET
(All open boxes and inlets not at final grade)

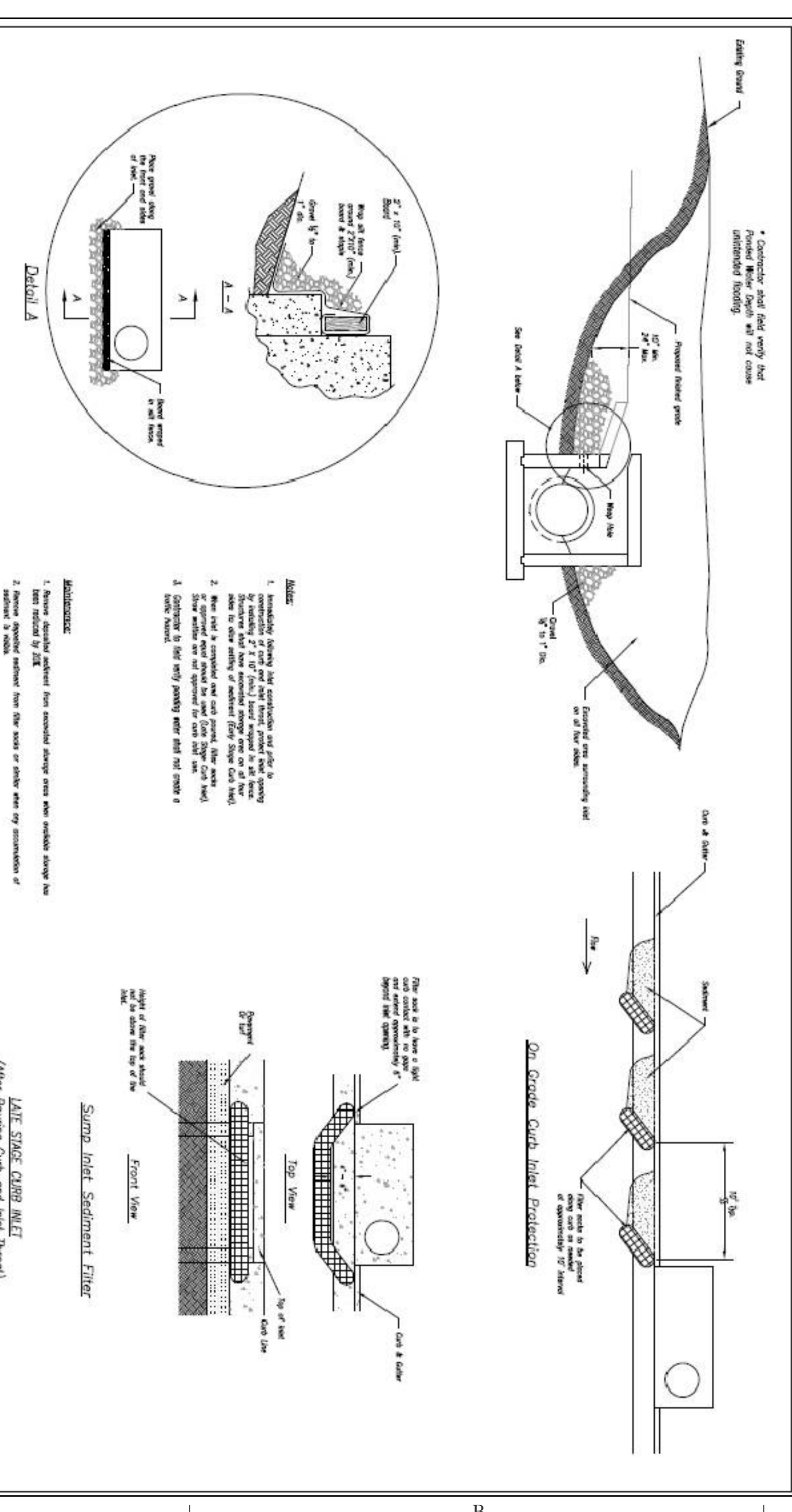
Modified from 2010 Standard Plan Standard Details for Erosion and Sediment Control



AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER: ESC-08
ADOPTED: 02/24/2006

SEDIMENT TRAPS

Modified from 2010 Standard Plan Standard Details for Erosion and Sediment Control

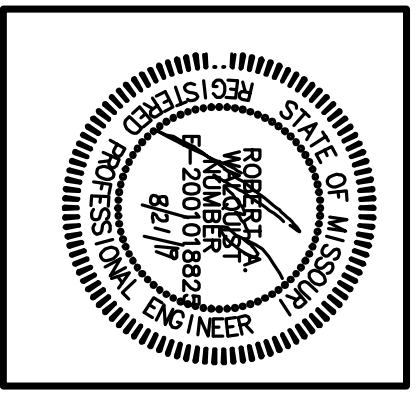


AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER: ESC-08
ADOPTED: 02/24/2006

EARLY STAGE CURB INLET
(Open Boxes and Inlets not at Final Grade)

Modified from 2010 Standard Plan Standard Details for Erosion and Sediment Control

SITE ESC DETAILS



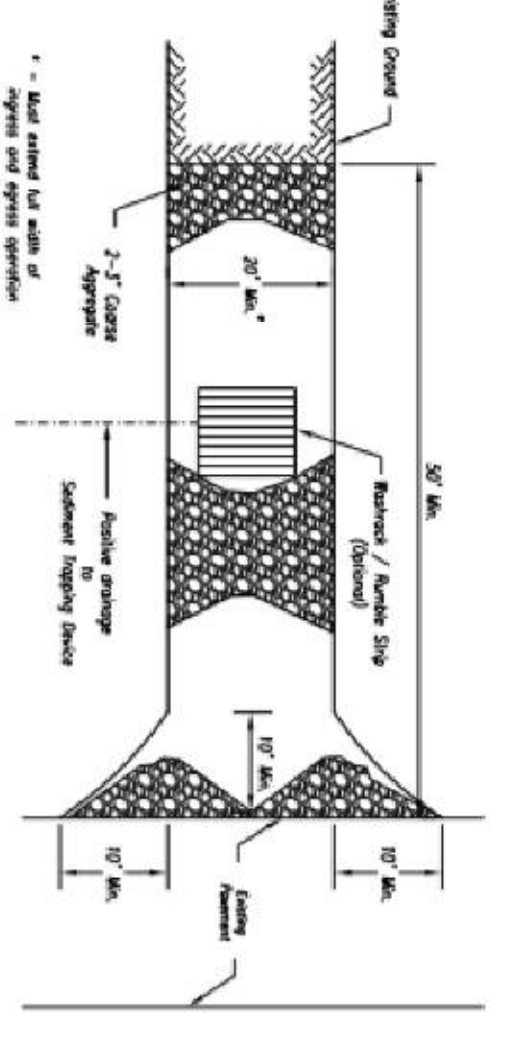
I-470 LOT 13A
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

Quist Engineering, Inc
Civil Engineering for Residential & Commercial Site Development
821 NE Columbus St.
Lee's Summit, Missouri 64063
Phone: (816) 550-5675
email: rwalquist@quistengineering.com

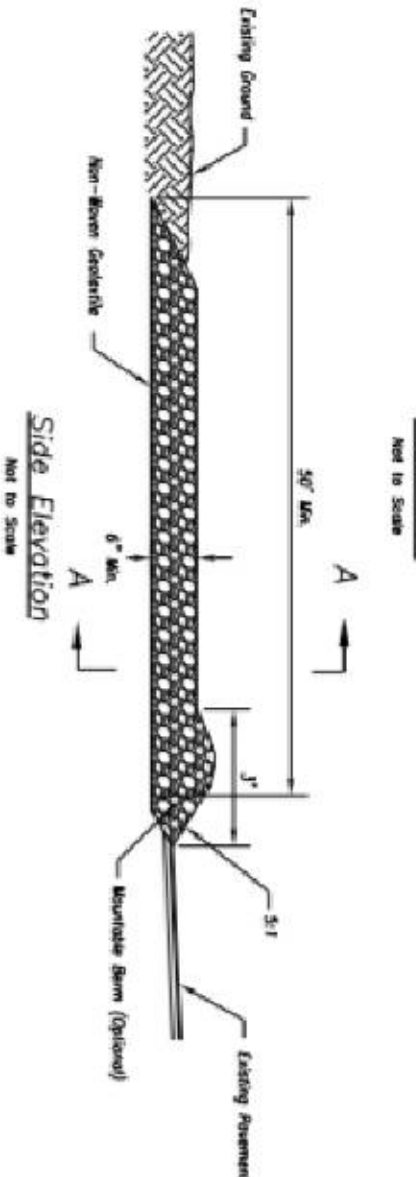
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DATE: 6-20-10
REVISIONS:
7-24-10
8-7-10
8-21-10

SHEET NO.
C302

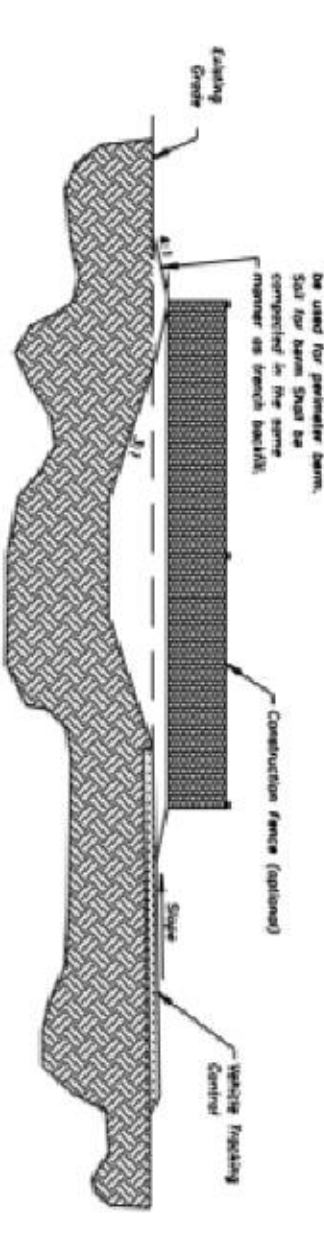
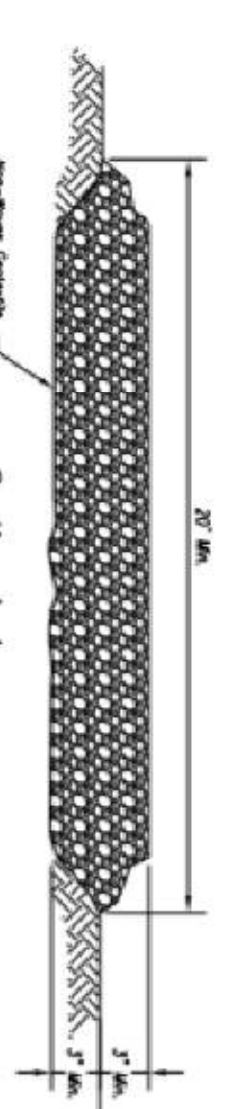
JOB NO.
E18-337



- Notes for Concrete Methods:**
1. Concrete shall be placed in one continuous lift unless otherwise noted.
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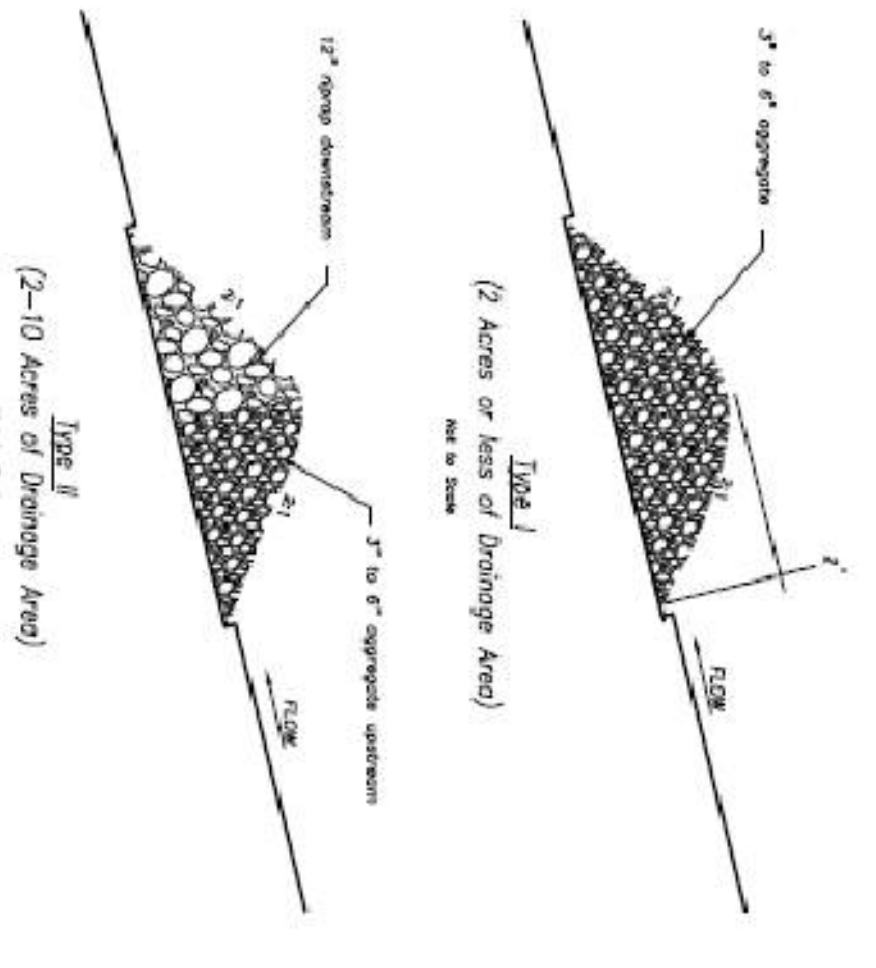
Concrete Elevation modified from 2012 Standard Plan, Standard Plans for Existing and Proposed Concrete Structures, Standard Plan No. 2000, City of Overland Park, Kansas

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER: ESC-01
ADOPTED: 10/24/2006

- Notes for Construction Entrance:**
1. All work shall be done in accordance with the Standard Specifications for Road and Bridge Construction, Section 200.
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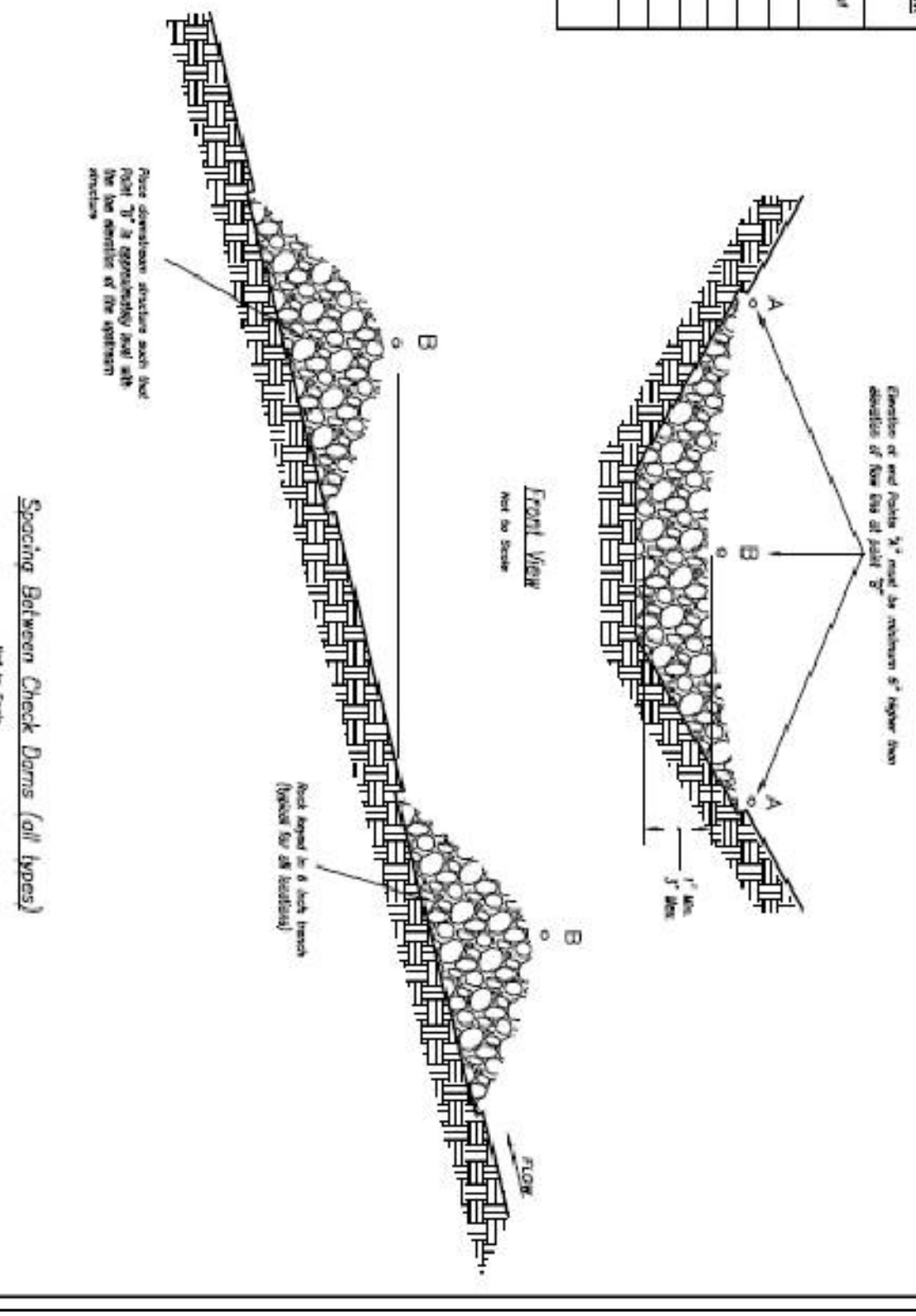
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CONSTRUCTION ENTRANCE



Temporary Rock Ditch Check	
Drain Collection Area (A)	Spacing Interval (feet)
5.0	60
6.0	50
7.0	42
8.0	35
9.0	28
10.0	22

Note: Use the spacing interval for the next larger drainage area.



Spaced Rock Check (Full Length)

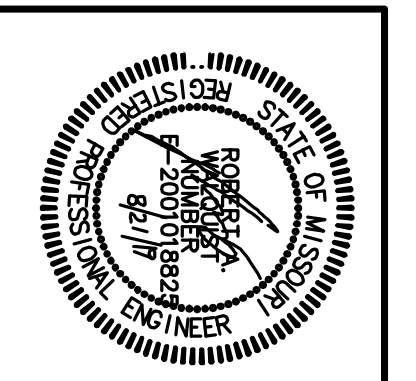
ROCK DITCH CHECK

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ADOPTED: 10/24/2006

SITE ESC DETAILS



I-470 LOT 13A
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

Quist Engineering, Inc
 Civil Engineering for Residential & Commercial Site Development
 821 NE Columbus St.
 Lee's Summit, Missouri 64063
 Phone: (816) 550-5675
 email: rwaquist@quistengineering.com

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REVISIONS

7-24-19	
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8-21-19	

SHEET NO.
C303

JOB NO.
E18-337