

PROJECT LIMITS
 I-64 SLIDE REPAIRS
 APPROX. 0.6 MILES

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THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION.

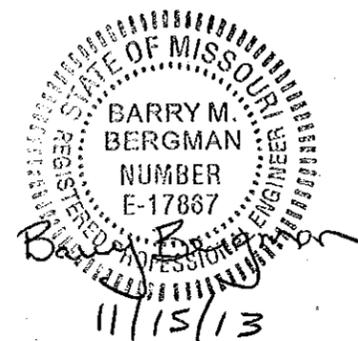
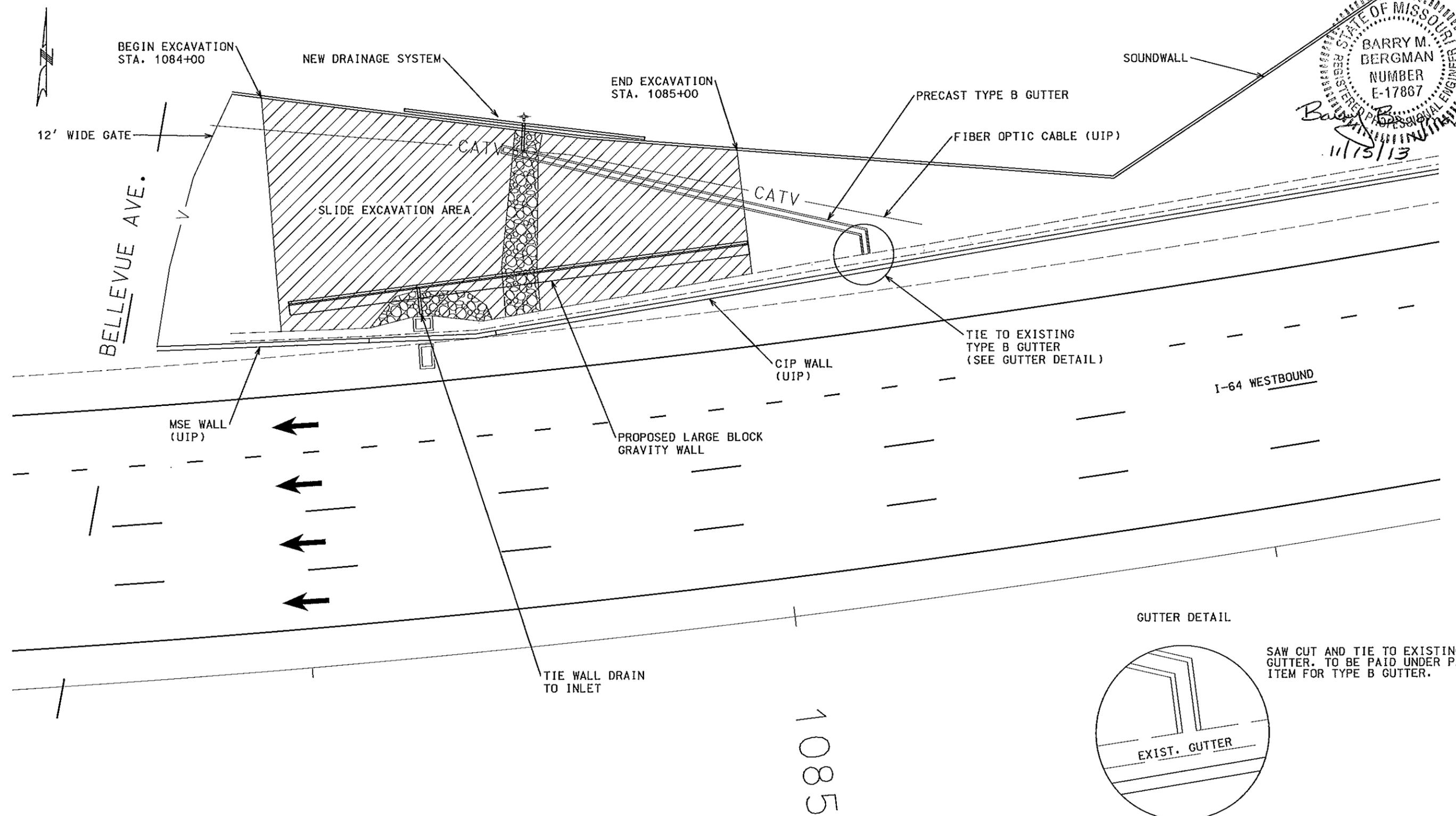


EXHIBIT A
 ST. LOUIS CITY / COUNTY
 TITLE SHEET

NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
 BARRY M. BERGMAN
 REGISTERED PROFESSIONAL ENGINEER
 NUMBER E-17867
 11/15/13



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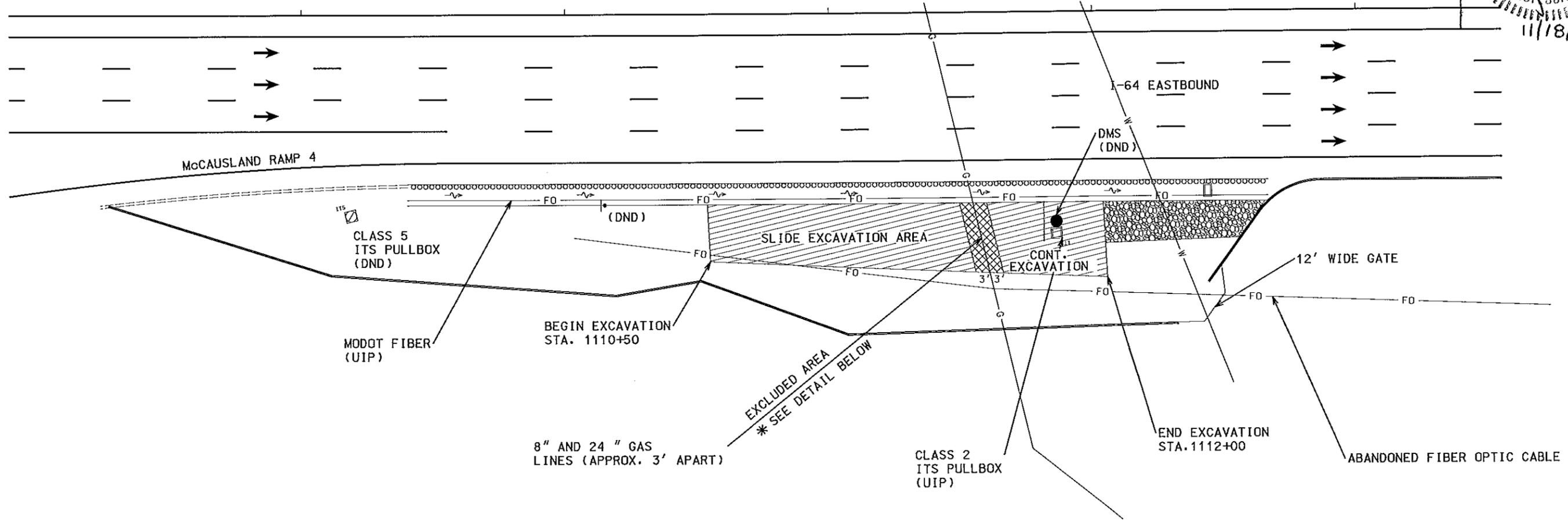
ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

NOT TO SCALE

EXHIBIT A
 BELLEVUE SLIDE
 PLAN SHEETS
 SHEET 1 OF 3

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

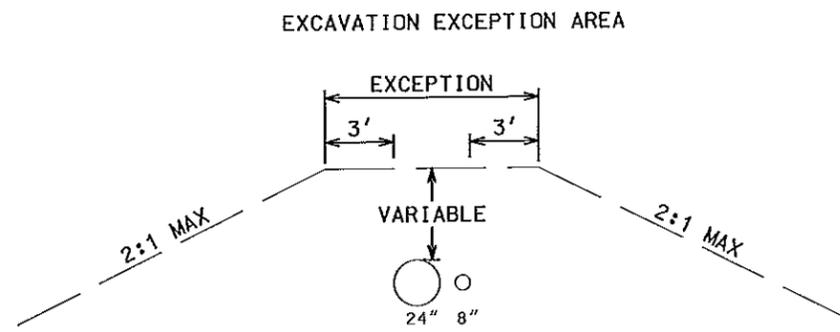
1110



NOTE:

BOTH 8" AND 24" GAS LINES HAVE BEEN POTHOLED IN THE FIELD BY LACLEDE GAS COMPANY. NO EXCAVATION SHALL TAKE PLACE WITHIN 36" OF EITHER LINE AND ABOVE THE GAS MAINS.

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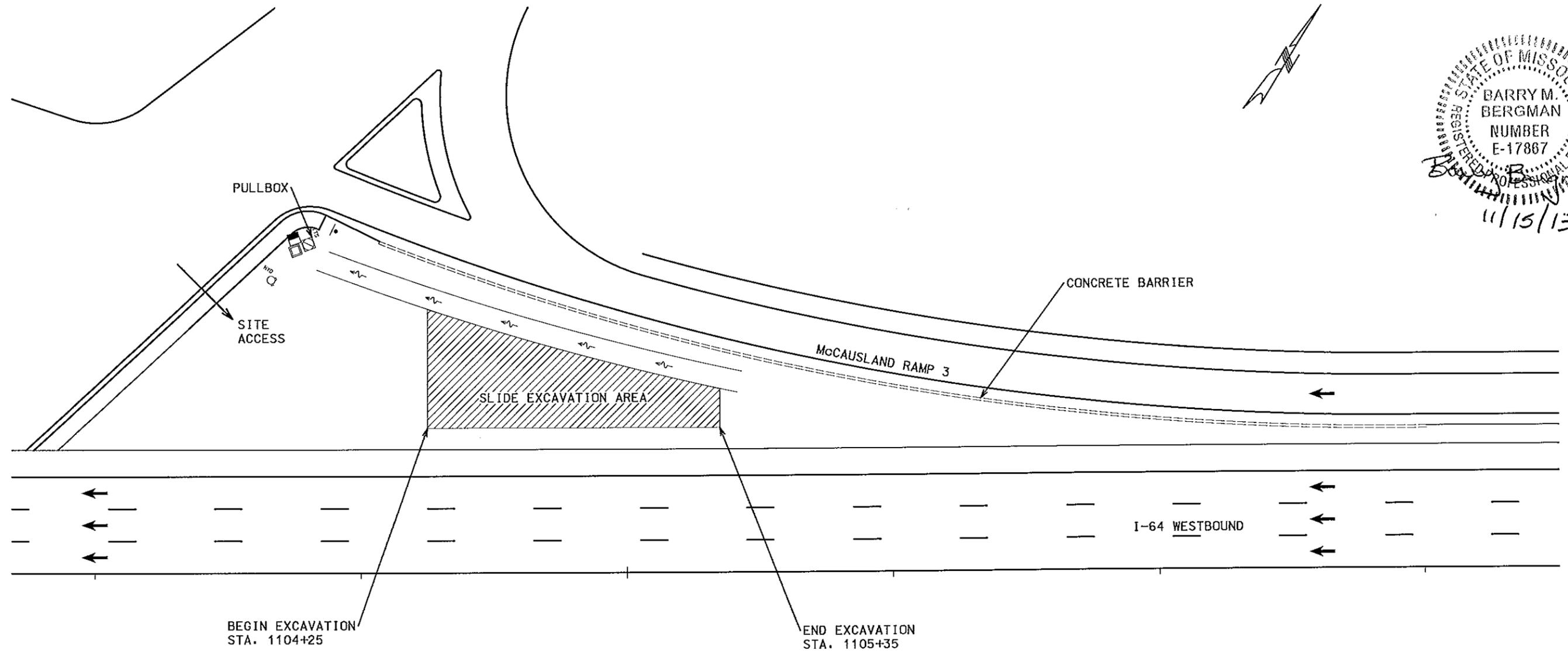


NOT TO SCALE

EXHIBIT A
 CLAYTON SLIDE
 PLAN SHEETS
 SHEET 2 OF 3

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATE OF MISSOURI
 BARRY M. BERGMAN
 REGISTERED PROFESSIONAL ENGINEER
 NUMBER E-17867
Barry M. Bergman
 11/15/13



1105

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NOTE:
 REMOVE TREES WITHIN EXCAVATION AREA.
 NO DIRECT PAYMENT.

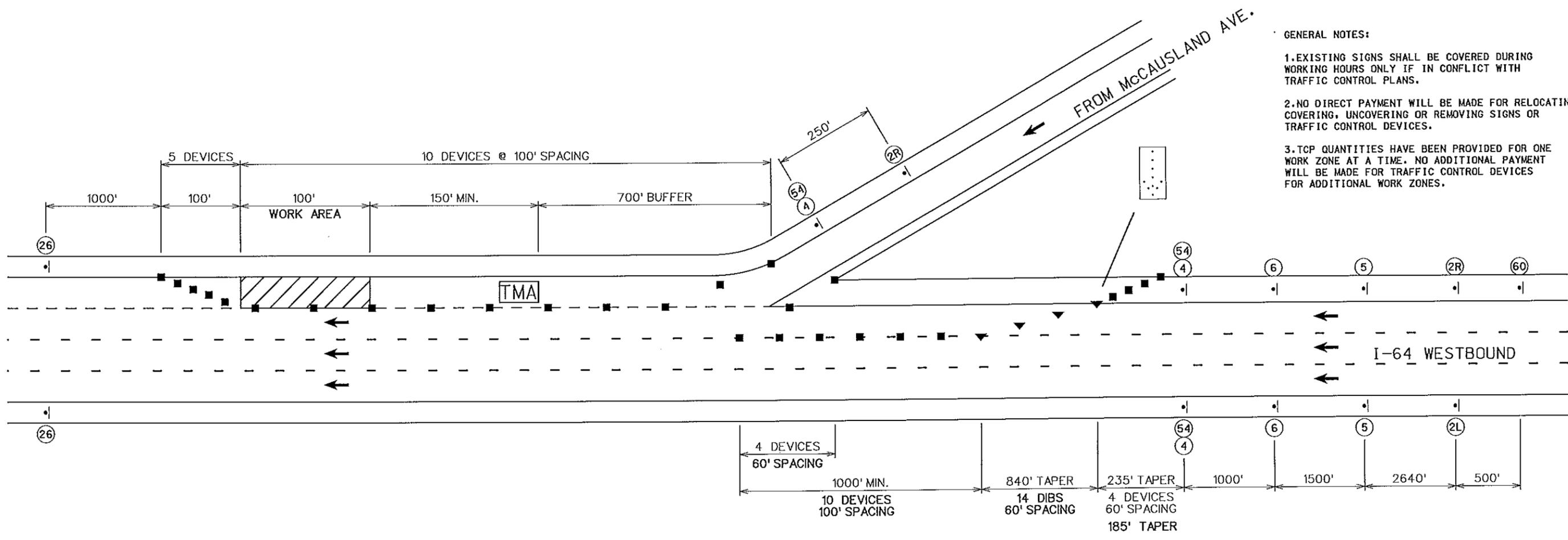
EXHIBIT A
McCAUSLAND SLIDE
PLAN SHEETS
SHEET 3 OF 3

NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

- GENERAL NOTES:**
1. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
 2. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS OR TRAFFIC CONTROL DEVICES.
 3. TCP QUANTITIES HAVE BEEN PROVIDED FOR ONE WORK ZONE AT A TIME. NO ADDITIONAL PAYMENT WILL BE MADE FOR TRAFFIC CONTROL DEVICES FOR ADDITIONAL WORK ZONES.



TRAFFIC CONTROL LEGEND

- WORK ZONE
- TRIMLINE CHANNELIZER
- DIRECTIONAL INDICATOR BARRICADE
- SIGN
- FLASHING ARROW PANEL
- TRUCK OR TRAILER MOUNTED ATTENUATOR

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The legend items include:

- Rate Our Work Zone** sign (CONST-7-72) with modot.org logo and (60) code.
- ROAD WORK AHEAD** signs (W020-1) with (2R) code.
- RIGHT LANE CLOSED AHEAD** sign (W020-5) with (5) code.
- RIGHT LANE CLOSED** sign (W020-6a) with (6) code.
- SPEED LIMIT 50** sign (R2-1) with (54/4) code.
- SPEED LIMIT 60** sign (R2-1) with (26) code.

STATE OF MISSISSIPPI
 BARRY M. BERGMAN
 REGISTERED PROFESSIONAL ENGINEER
 NUMBER E-17867
 11/15/13

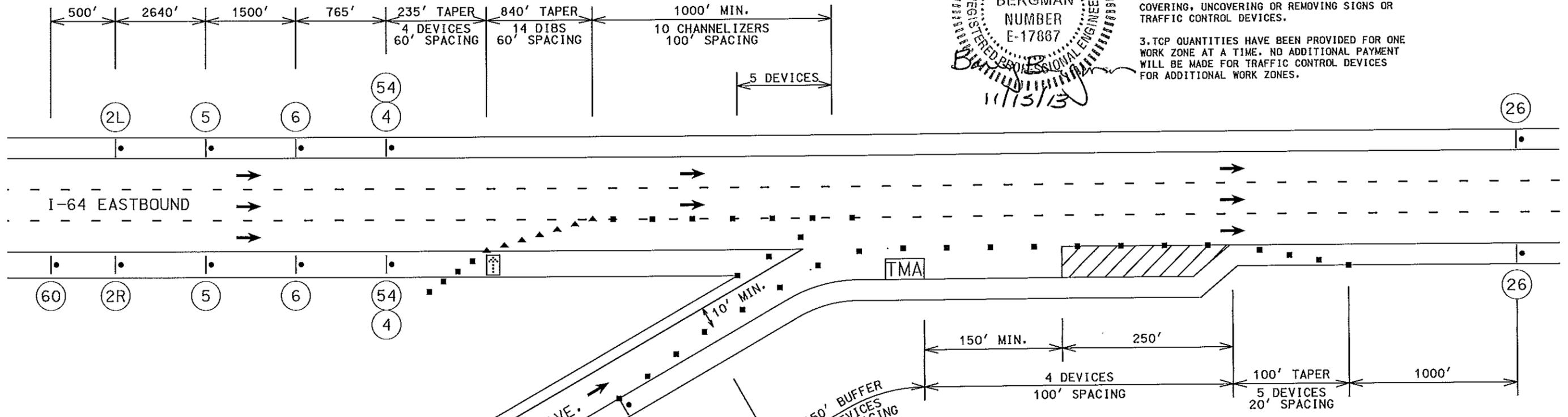
EXHIBIT A
BELLEVUE SLIDE
TRAFFIC CONTROL PLAN
SHEET 1 OF 3

NOT TO SCALE



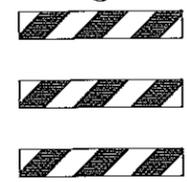
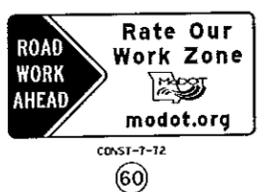
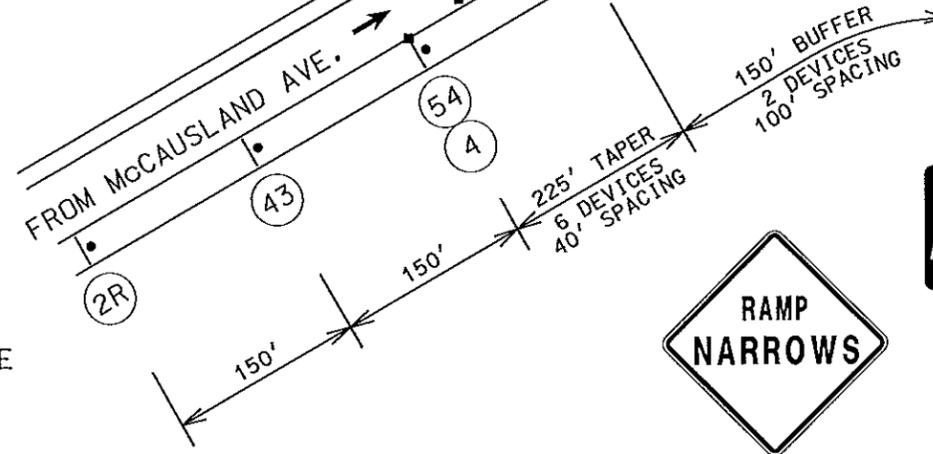
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TRAFFIC CONTROL LEGEND

- WORK ZONE
- TRIMLINE CHANNELIZER
- DIRECTIONAL INDICATOR BARRICADE
- SIGN
- FLASHING ARROW PANEL
- TRUCK OR TRAILER MOUNTED ATTENUATOR



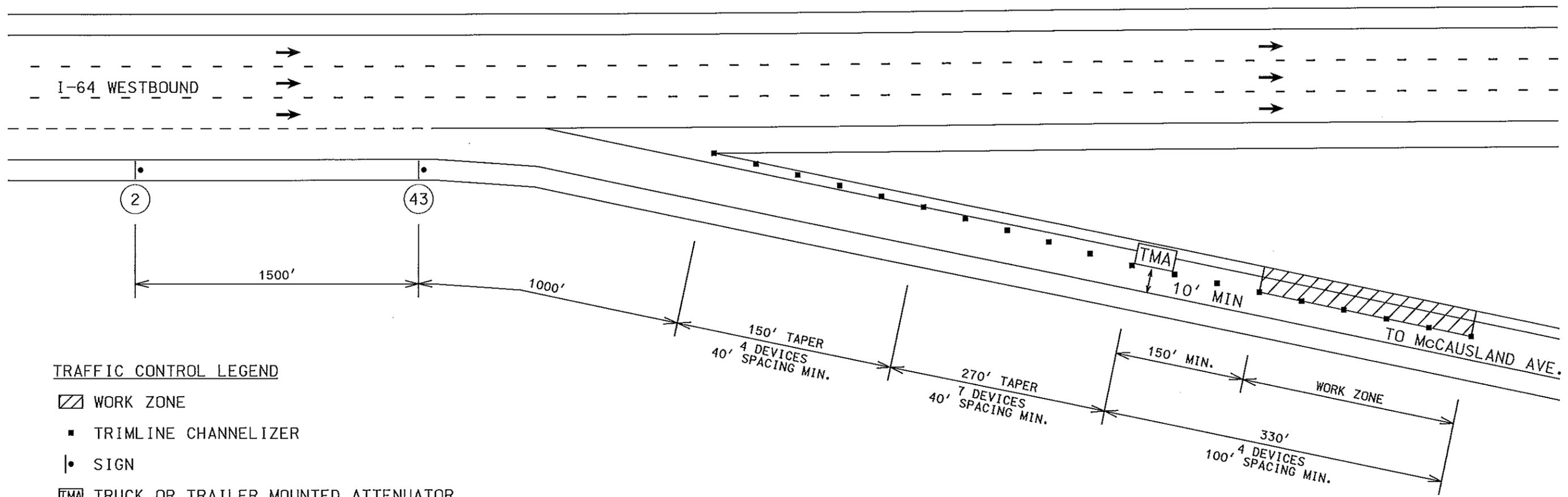
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NOT TO SCALE

EXHIBIT A
 CLAYTON SLIDE
 TRAFFIC CONTROL PLAN
 SHEET 2 OF 3

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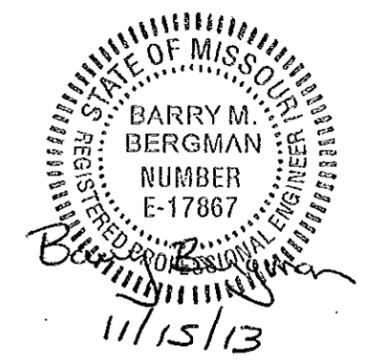
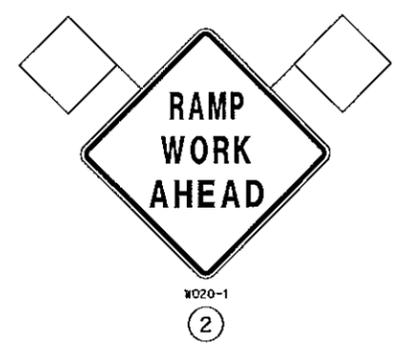


TRAFFIC CONTROL LEGEND

- WORK ZONE
- TRIMLINE CHANNELIZER
- SIGN
- TRUCK OR TRAILER MOUNTED ATTENUATOR

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EXHIBIT A
McCAUSLAND SLIDE
TRAFFIC CONTROL PLAN
SHEET 3 OF 3

NOT TO SCALE

STATE OF MISSOURI
 BARRY M. BERGMAN
 REGISTERED PROFESSIONAL ENGINEER
 NUMBER E-17867
 Barry M. Bergman
 11/15/13

BELLEVUE AVE.

SLIDE EXCAVATION AREA

PLACE SILT FENCE AFTER
 INSTALLATION OF TYPE B
 GUTTER

SUBSTITUTE INLET CHECKS
 FOR TYPE II DITCH CHECKS

I-64 WESTBOUND

TEMPORARY EROSION CONTROL LEGEND

-  TYPE I DITCH CHECK
-  TYPE II DITCH CHECK
-  TEMPORARY BERM
-  SILT FENCE

1085

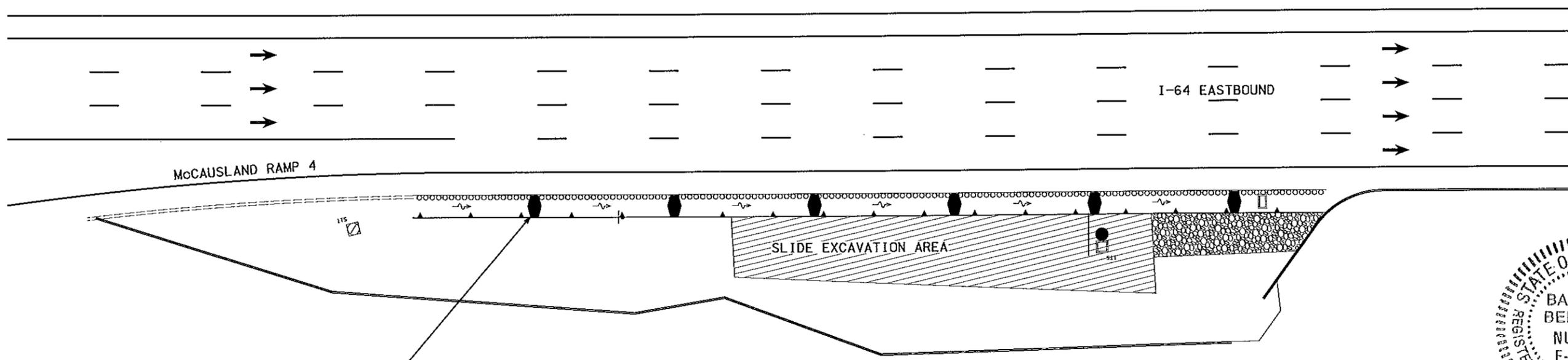
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NOT TO SCALE

EXHIBIT A
 BELLEVUE SLIDE
 EROSION CONTROL PLAN
 SHEET 1 OF 3

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NOTE:
 TYPE II DITCH CHECKS ARE AT
 50' SPACING

STATE OF MISSOURI
 REGISTERED PROFESSIONAL ENGINEER
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 11/15/13

TEMPORARY EROSION CONTROL LEGEND

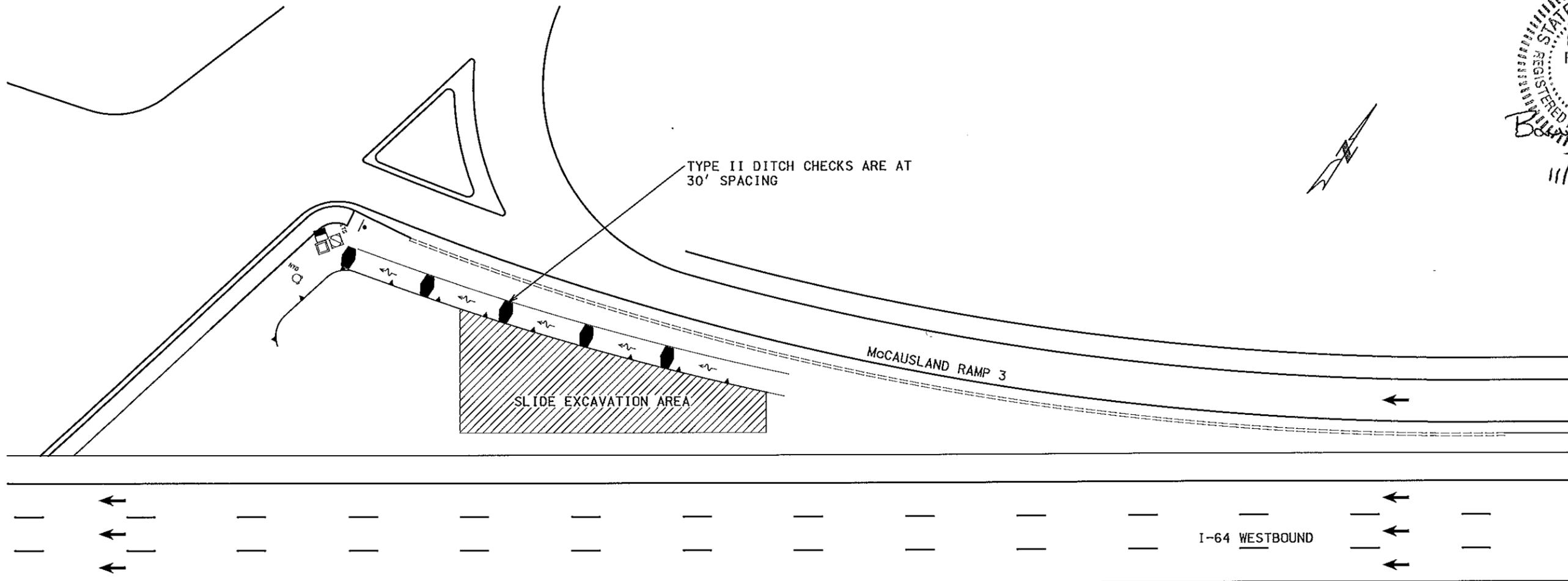
-  TYPE I DITCH CHECK
-  TYPE II DITCH CHECK
-  TEMPORARY BERM
-  SILT FENCE

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EXHIBIT A
 CLAYTON SLIDE
 EROSION CONTROL PLAN
 SHEET 2 OF 3

NOT TO SCALE

STATE OF MISSOURI
 BARRY M. BERGMAN
 REGISTERED PROFESSIONAL ENGINEER
 NUMBER E-17867
Barry M. Bergman
 11/13/13



TEMPORARY EROSION CONTROL LEGEND

-  TYPE I DITCH CHECK
-  TYPE II DITCH CHECK
-  TEMPORARY BERM
-  SILT FENCE

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EXHIBIT A
 McCAUSLAND SLIDE
 EROSION CONTROL PLAN
 SHEET 3 OF 3

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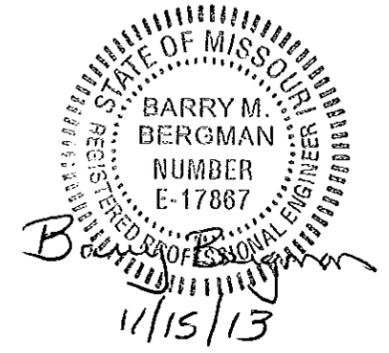
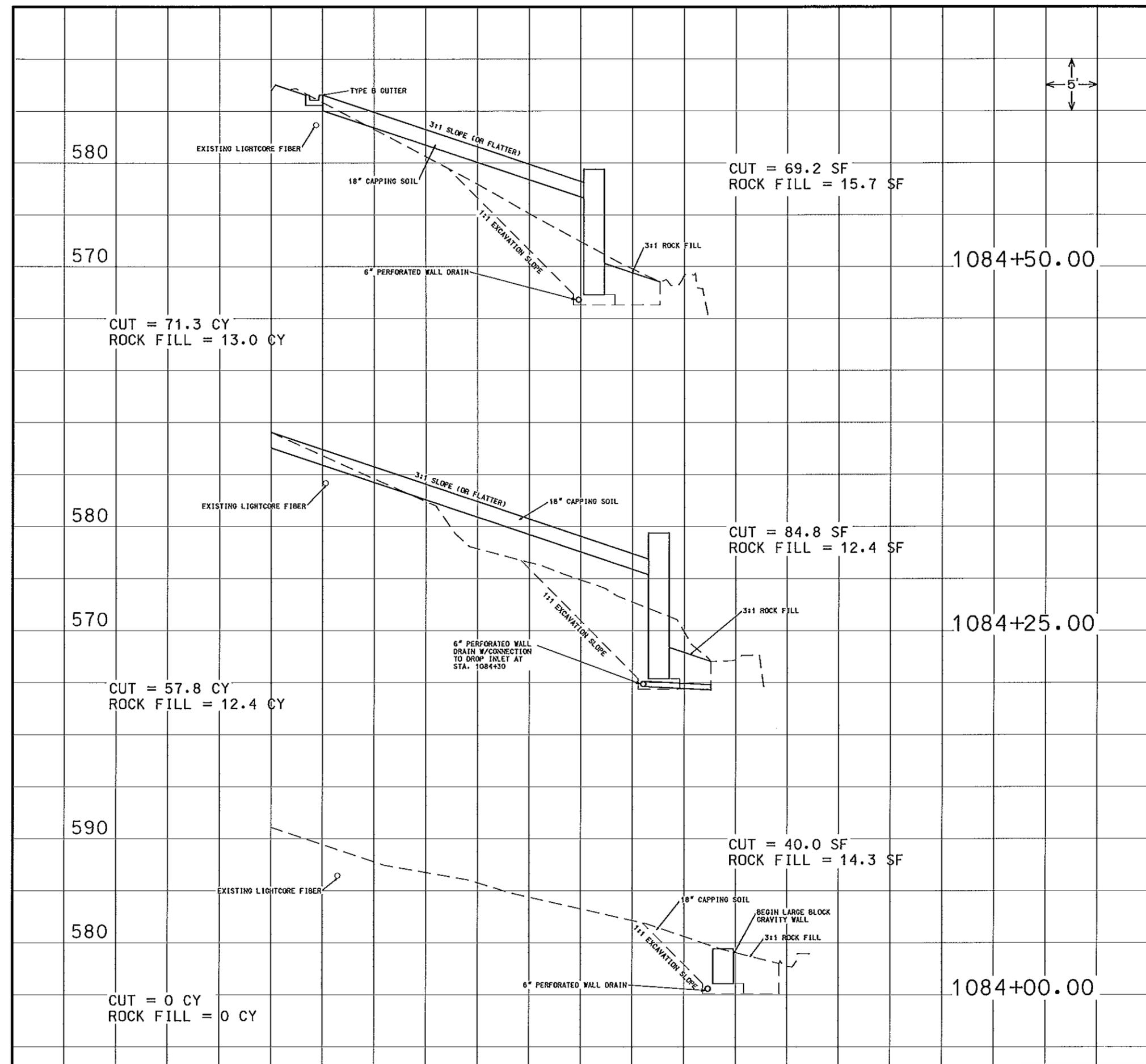


EXHIBIT A
BELLEVUE SLIDE
CROSS SECTION PLAN
SHEET 1 OF 6

NOT TO SCALE



580

570

CUT = 71.3 CY
ROCK FILL = 13.0 CY

CUT = 69.2 SF
ROCK FILL = 15.7 SF

1084+50.00

580

570

CUT = 57.8 CY
ROCK FILL = 12.4 CY

CUT = 84.8 SF
ROCK FILL = 12.4 SF

1084+25.00

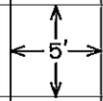
590

580

CUT = 0 CY
ROCK FILL = 0 CY

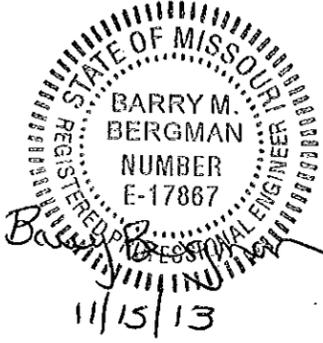
CUT = 40.0 SF
ROCK FILL = 14.3 SF

1084+00.00

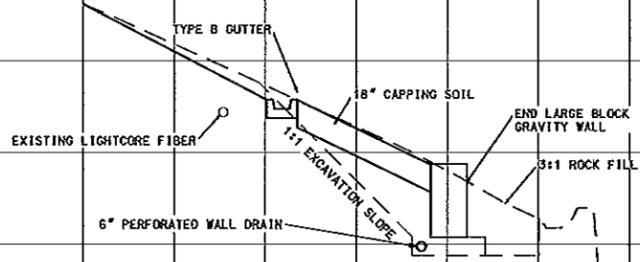


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580



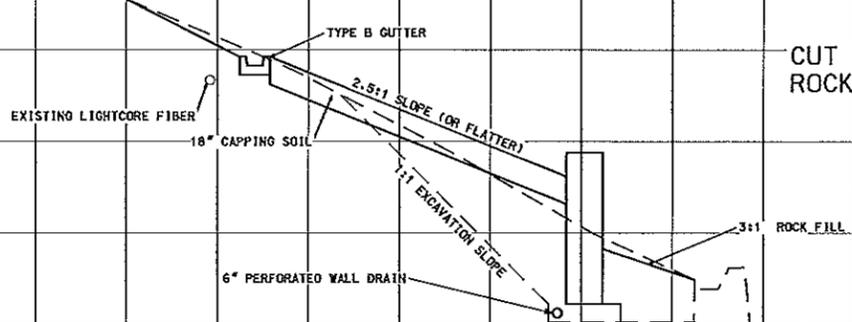
CUT = 50.9 SF
 ROCK FILL = 10.8 SF

1085+00.00

570

CUT = 53.4 CY
 ROCK FILL = 12.7 CY

580



CUT = 64.5 SF
 ROCK FILL = 16.6 SF

1084+75.00

570

CUT = 61.9 CY
 ROCK FILL = 15.0 CY

EXHIBIT A
 BELLEVUE SLIDE
 CROSS SECTIONS
 SHEET 2 OF 6

NOT TO SCALE

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NOTE:

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2. CONTRACTOR SHALL REESTABLISH GRADE LINE OF DITCH AFTER EXCAVATION.

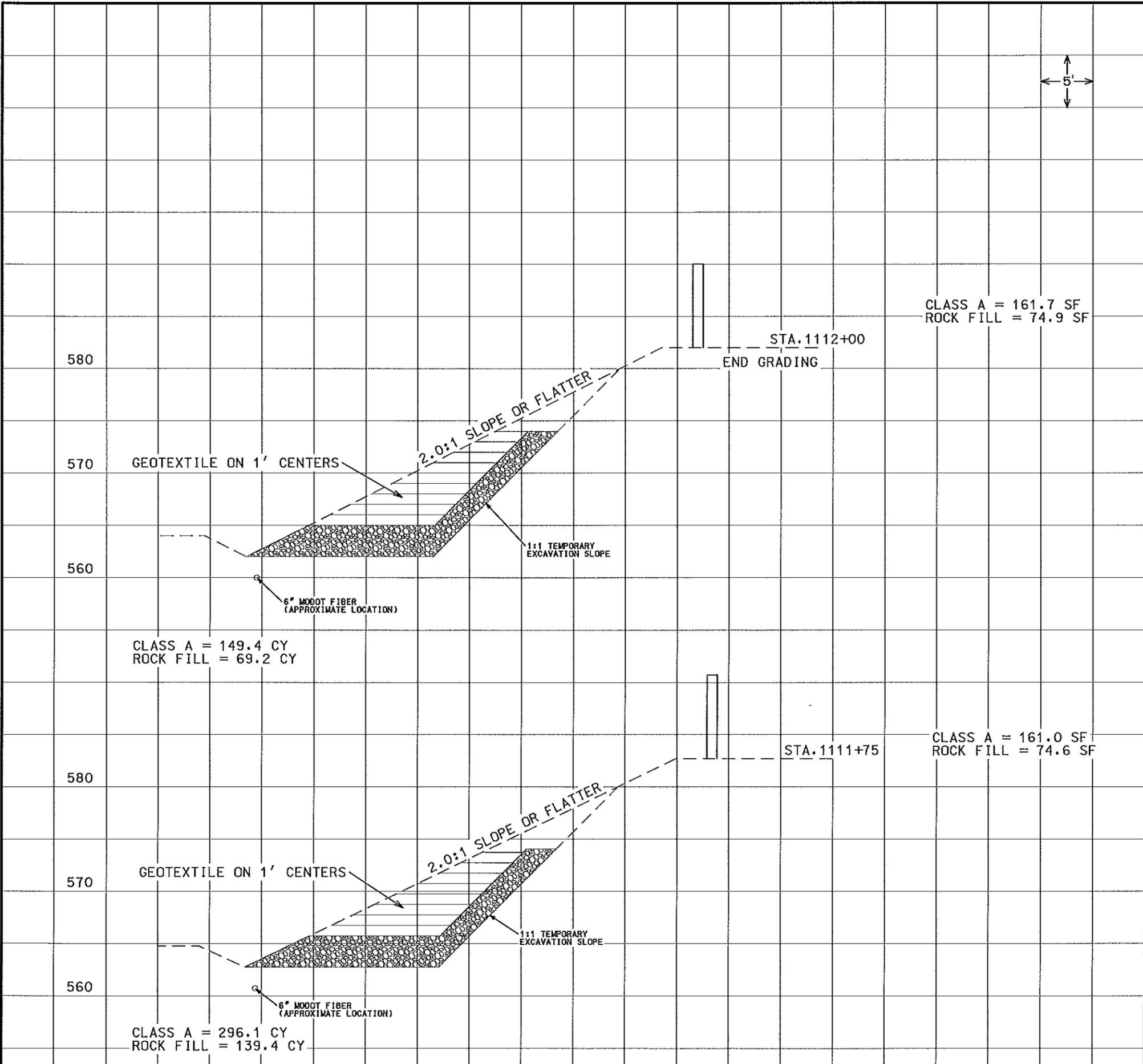
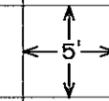
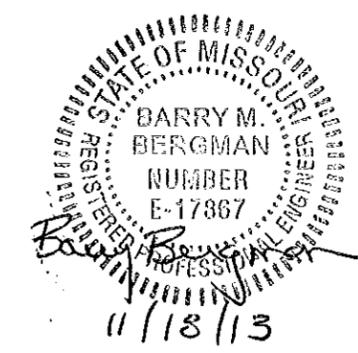
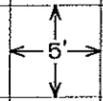
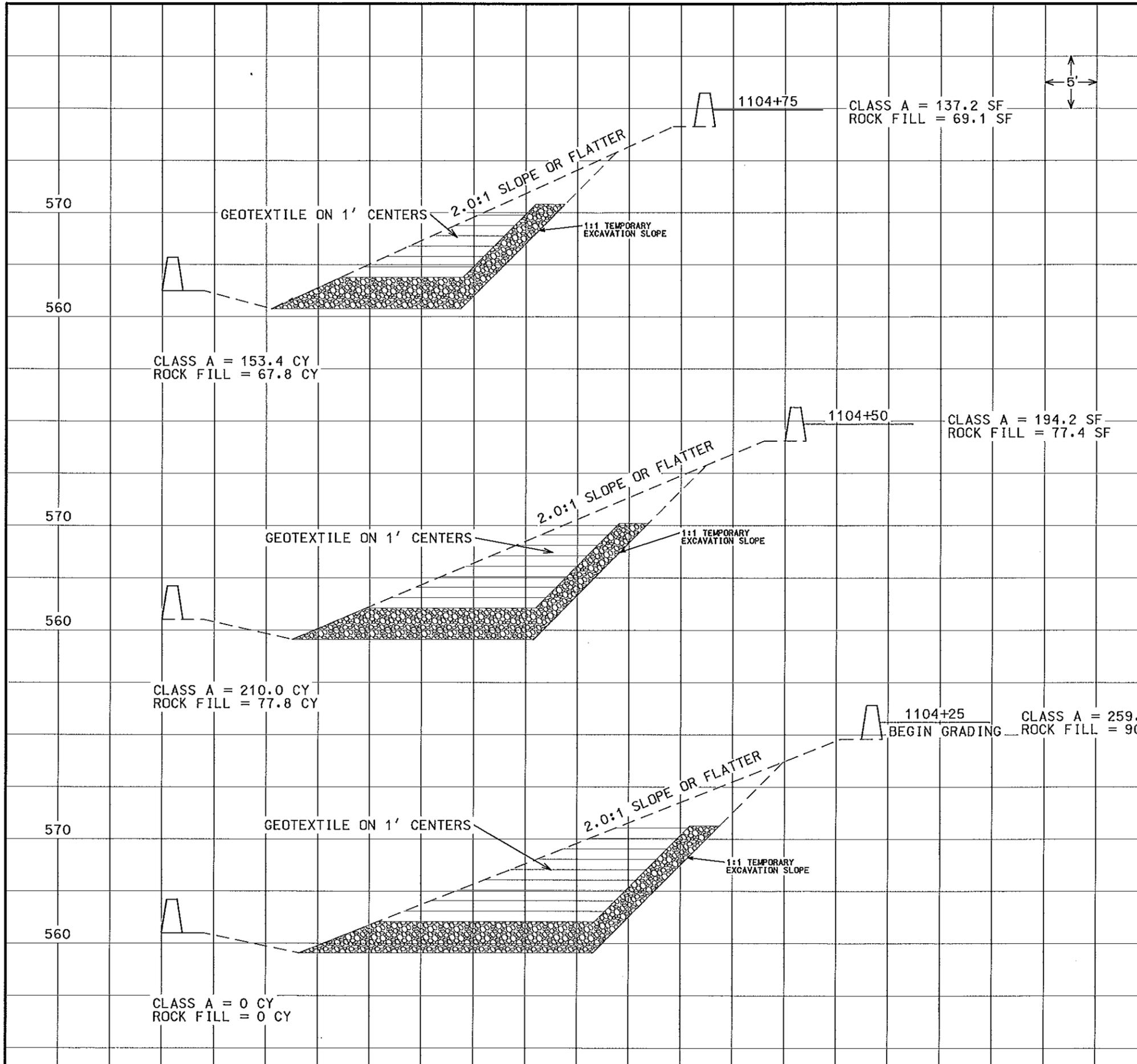


EXHIBIT A
CLAYTON SLIDE
CROSS SECTIONS
SHEET 4 OF 6

NOT TO SCALE



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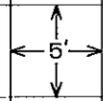
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EXHIBIT A
 McCAUSLAND SLIDE
 CROSS SECTIONS
 SHEET 5 OF 6

NOT TO SCALE

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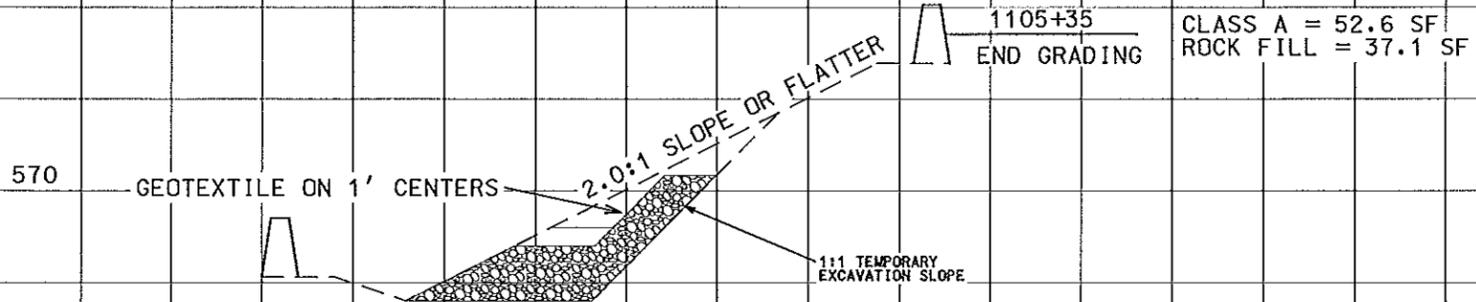


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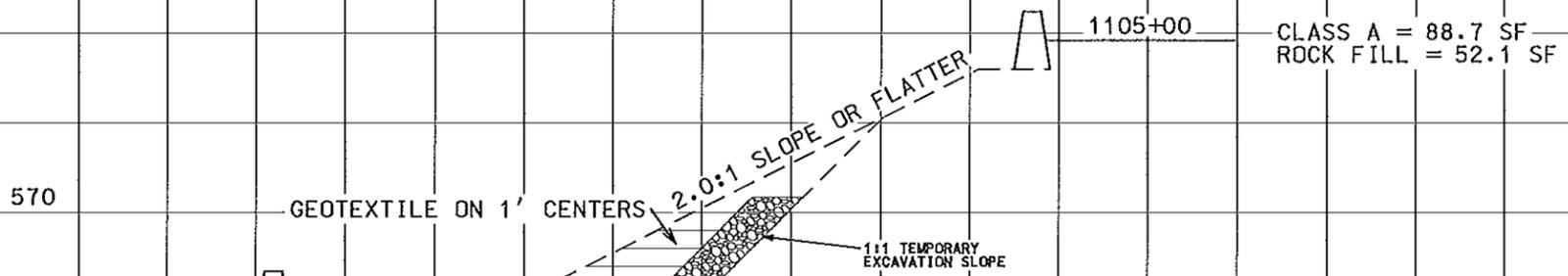
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CLASS A = 91.6 CY
 ROCK FILL = 57.8 CY

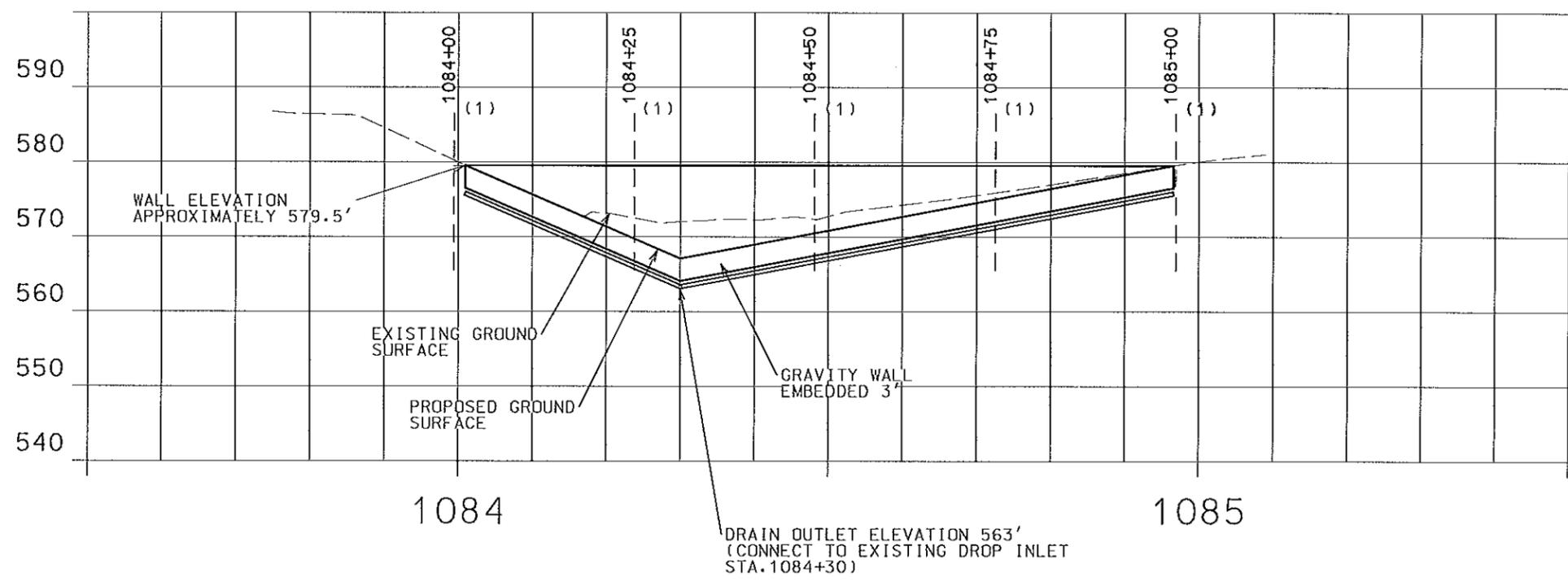
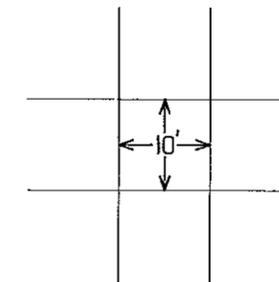


CLASS A = 104.6 CY
 ROCK FILL = 56.1 CY

EXHIBIT A
 McCAUSLAND SLIDE
 CROSS SECTIONS
 SHEET 6 OF 6

NOT TO SCALE

PROFILE VIEW OF PROPOSED BELLEVUE GRAVITY WALL



STATE OF MISSOURI
 BARRY M. BERGMAN
 REGISTERED PROFESSIONAL ENGINEER
 NUMBER E-17887
 11/15/13

* NOTE
 (1) THE CROSS-SECTIONS SHOWN ON THE PROFILE ARE STATIONED WITH RESPECT TO THE WALL, NOT THE CENTERLINE OF I-64.

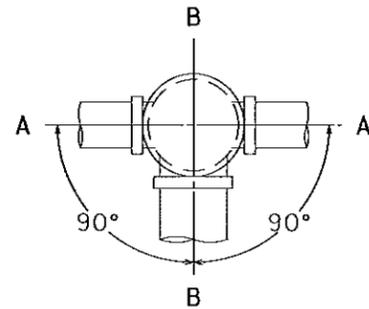
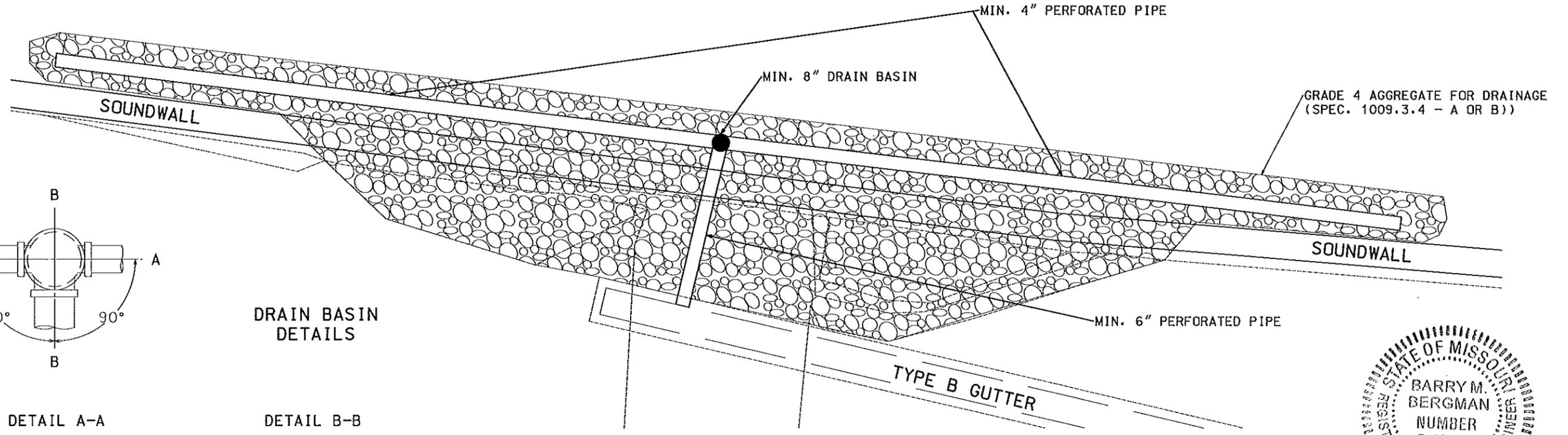
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EXHIBIT A
 BELLEVUE WALL
 SPECIAL SHEETS
 SHEET 1 OF 2

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

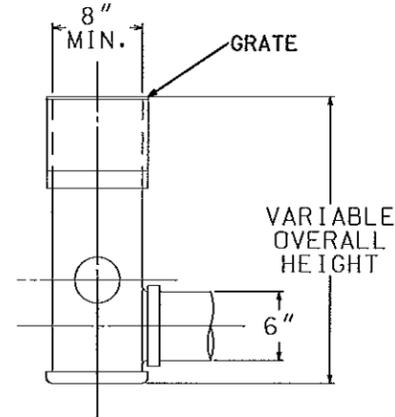
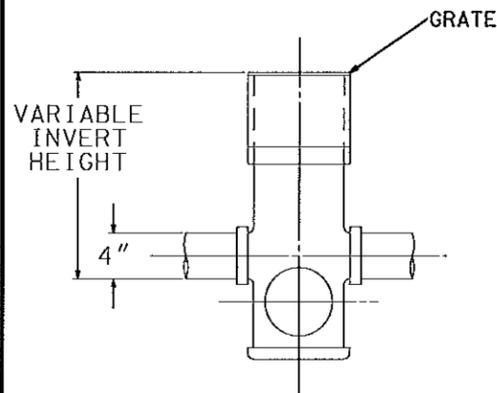
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DRAIN BASIN DETAILS

DETAIL A-A

DETAIL B-B



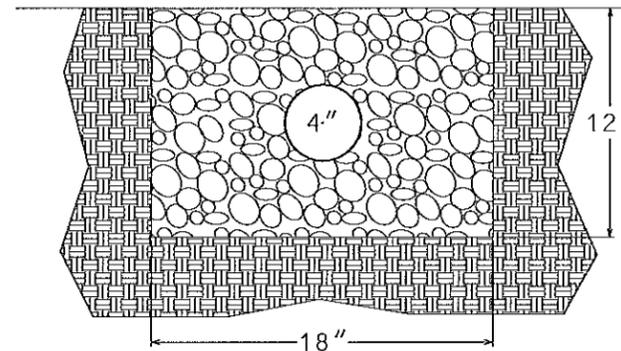
NOTE:

DRAIN BASIN DETAILS ARE SHOWN FOR INFORMATION ONLY. ANY STYLE OF DRAIN BASIN MAY BE USED PROVIDED THE MINIMUM DIMENSIONS ARE MET.

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

PERFORATED PIPE DETAILS



NOT TO SCALE



GUTTER CONNECTION

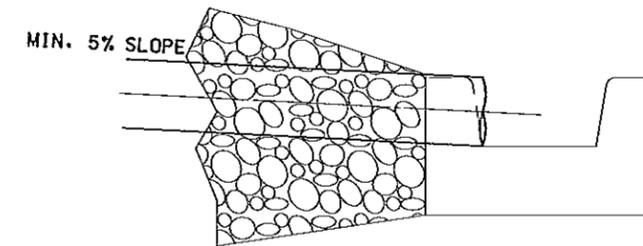
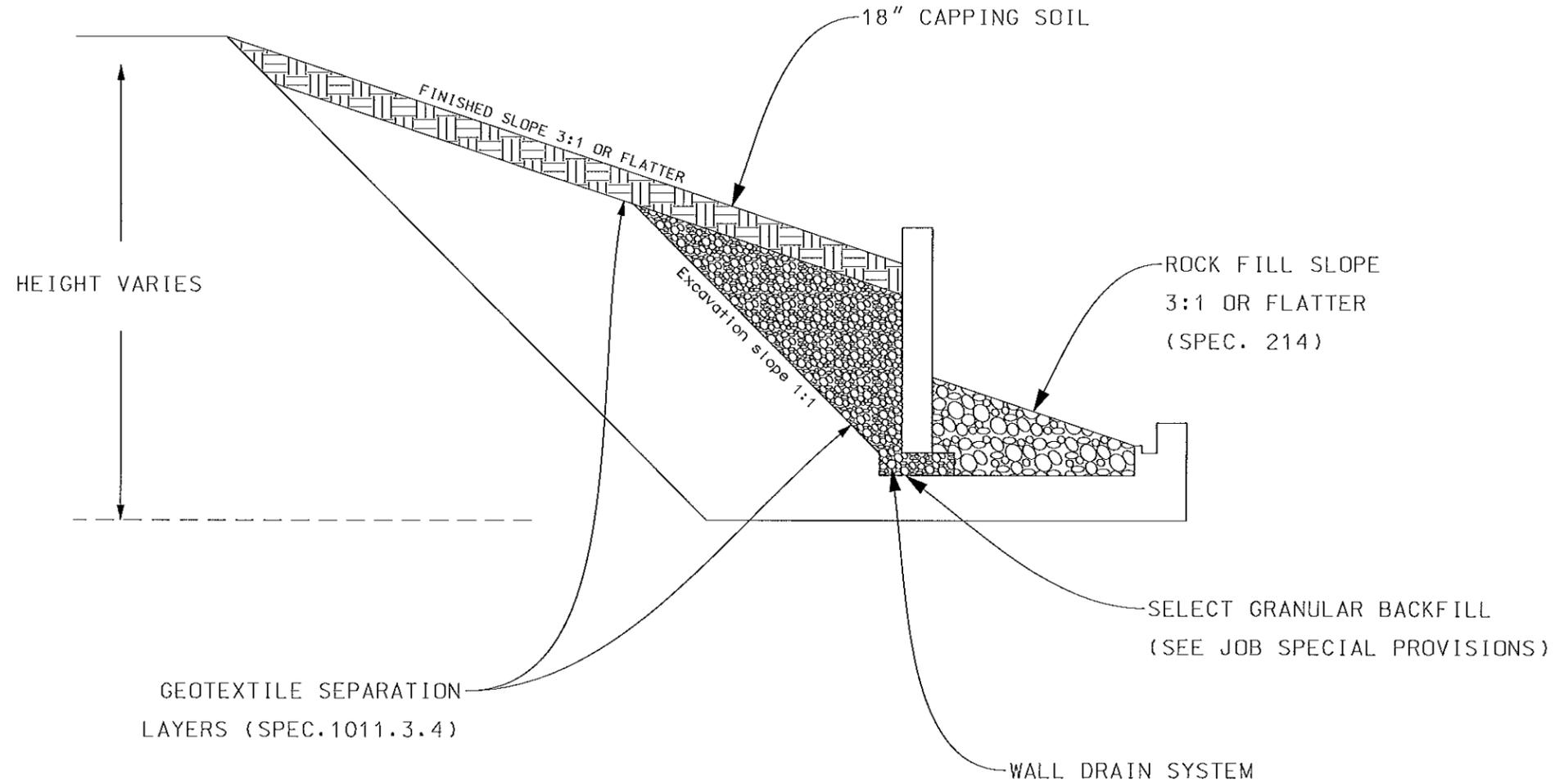


EXHIBIT A
BELLEVUE DRAINAGE
SPECIAL SHEETS
SHEET 2 OF 2

MODULAR LARGE BLOCK GRAVITY WALL REPAIR



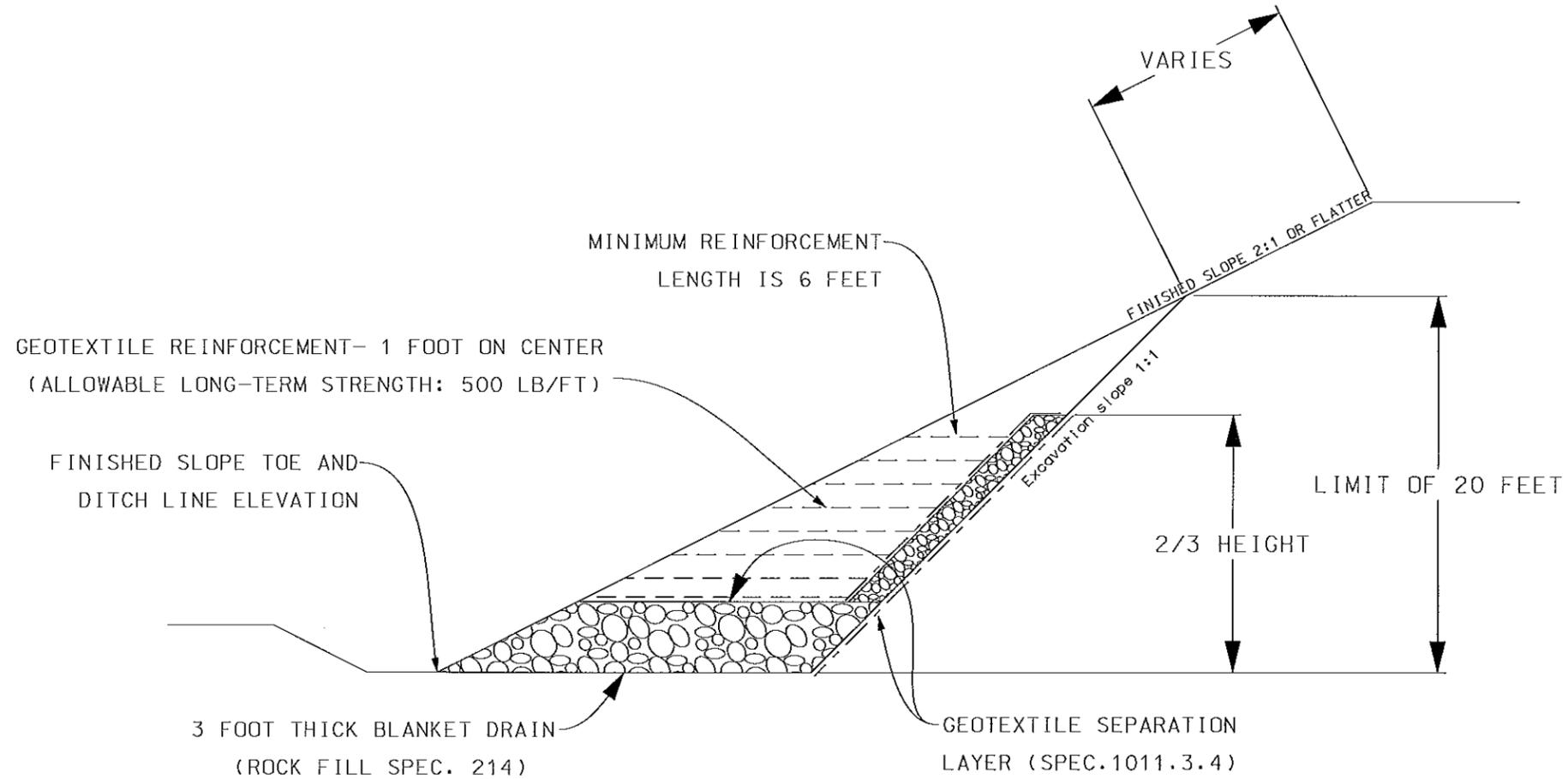
NOT TO SCALE

EXHIBIT A
BELLEVUE SLIDE
EXAMPLE CROSS-SECTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GEOTEXTILE REINFORCED SOIL SLOPE REPAIR

STATE OF MISSOURI
BARRY M. BERGMAN
REGISTERED PROFESSIONAL ENGINEER
NUMBER E-17867
11/15/13



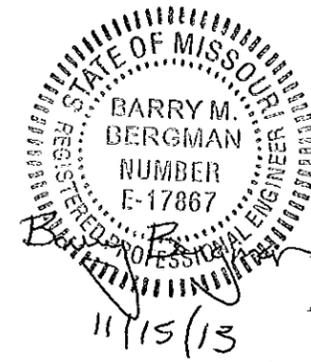
STATION 1110±50 TO 1112±00
WEST ALONG I-64 EBL (0.1 MILE WEST OF CLAYTON OVERPASS)

NOT TO SCALE

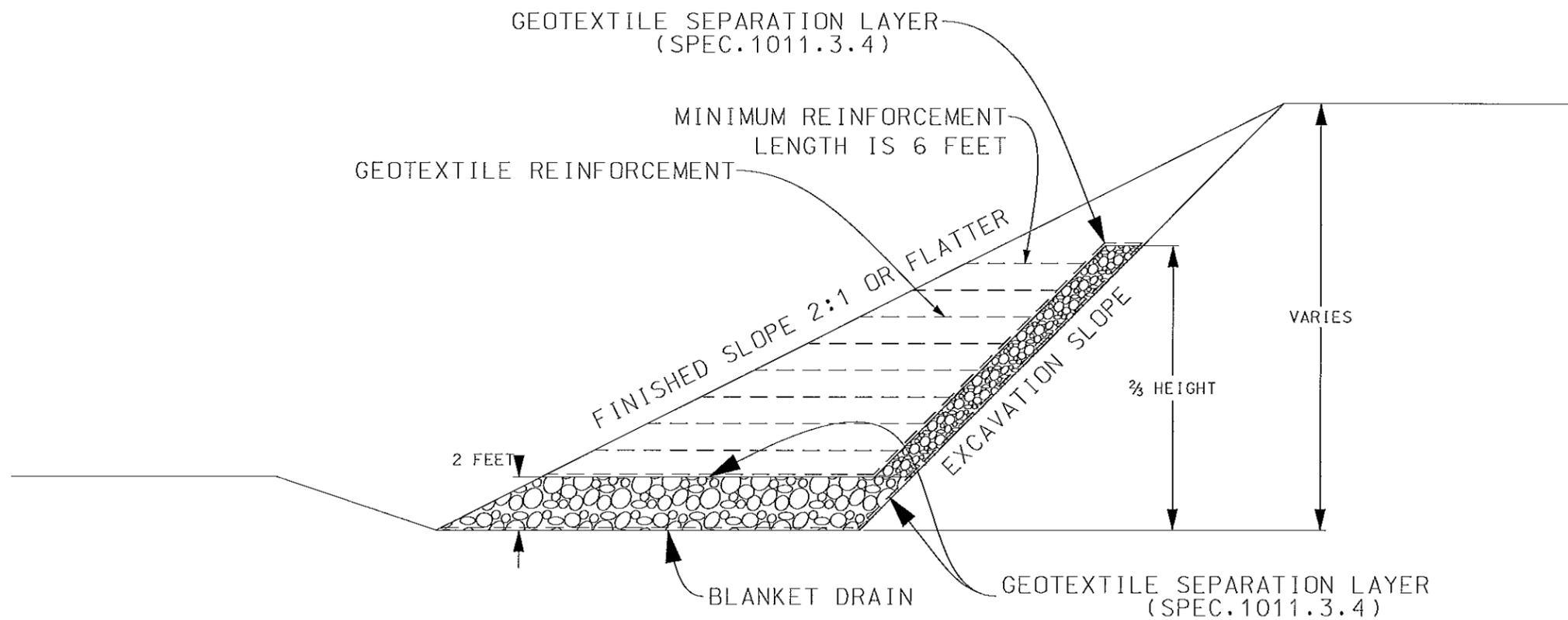
EXHIBIT A
CLAYTON SLIDE
EXAMPLE CROSS-SECTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GEOTEXTILE REINFORCED SOIL SLOPE REPAIR



GRSS WITH BLANKET AND CHIMNEY DRAINS, FS=1.45



STATION 1104±25 TO 1105±35 LEFT OF I-64☉
ALONG RAMP 3 OF MCCAUSLAND INTERSECTION

EXHIBIT A
McCAUSLAND SLIDE
EXAMPLE CROSS-SECTION

NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.