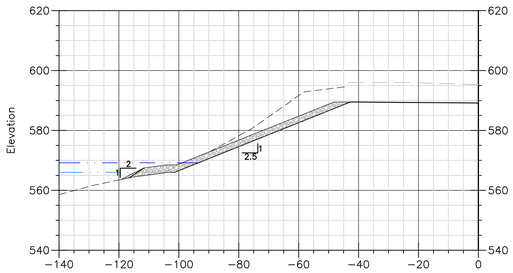
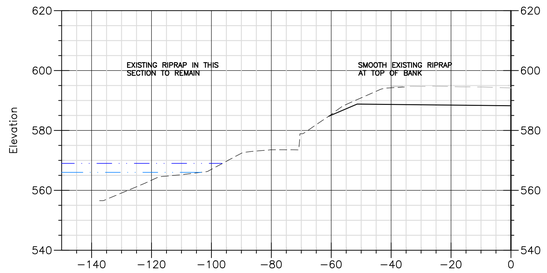
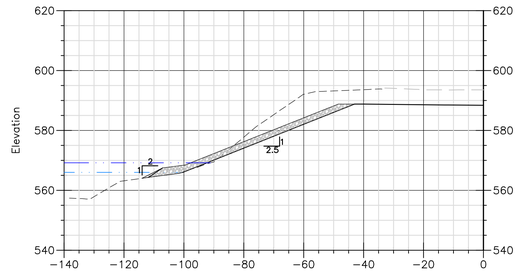


7+34



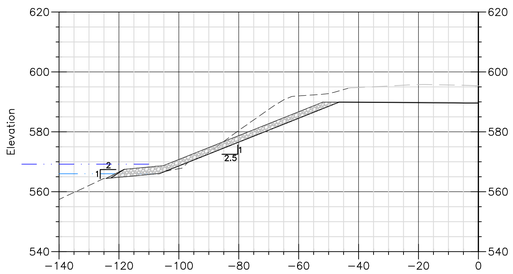
OUTFALL 001 SECTION

9+15.71



11+35

TRANSITION NEW RIPRAP SECTIONS INTO AND OUT OF EXISTING AREA HEADWALL



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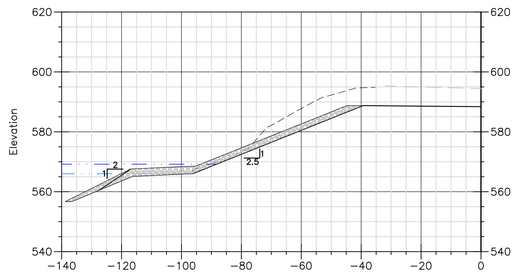

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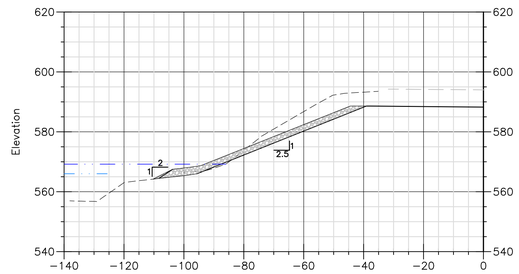

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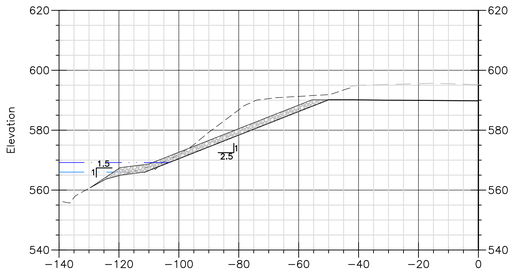

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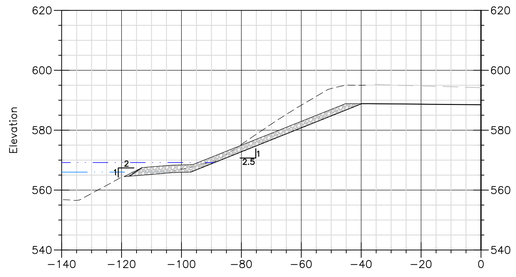

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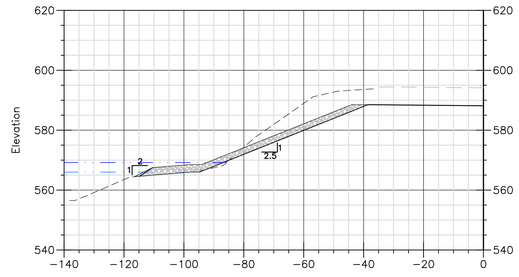

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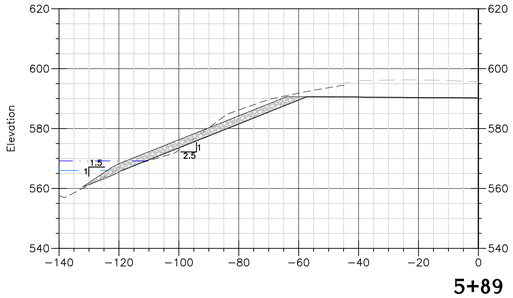

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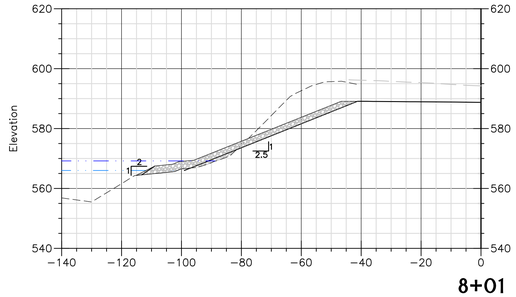
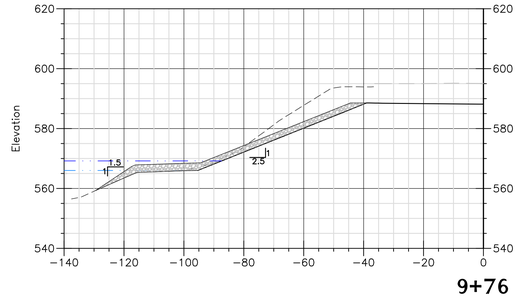


8+01



9+76

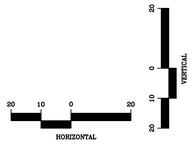
LEGEND

- EXISTING GROUND (BY SURVEY)
- EXISTING GROUND (FROM MAPPING)
- PROPOSED SUBGRADE
- ORDINARY HIGH WATER LEVEL 569.2
- NORMAL RIVER LEVEL 566
- RIPRAP

RIVERBANK CROSS SECTIONS

NOTES:

1. REFER TO DRAWING 2 AND 3 FOR RIVERBANK CROSS SECTIONS BASELINE LOCATION.
2. THESE CROSS SECTIONS ARE INTENDED TO SHOW RIVERBANK STABILIZATION REQUIREMENTS WHICH INCLUDES EXCAVATION, PLACEMENT OF NONWOVEN GEOTEXTILE, AND PLACEMENT OF ROCK RIPRAP. ALL WORK INCLUDING GRUBBING, EXCAVATION, GROUND DISTURBANCE, AND PLACEMENT OF ROCK RIPRAP SHALL BE DONE BEHIND THE FLOATING TURBIDITY CONTROL CURTAIN.
3. REFER TO THE TECHNICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR RIVERBANK STABILIZATION.
4. CROSS SECTIONS SHOW THE PROPOSED SUBGRADE WHICH REPRESENTS THE EXCAVATED SURFACE TO RECEIVE NONWOVEN GEOTEXTILE AND ROCK RIPRAP. MATERIAL EXCAVATED TO ACHIEVE THE PROPOSED SUBGRADE SHALL BE PLACED UNDER THE LOW PERMEABILITY CAPS AND/OR THE LOW PERMEABILITY COVERS. NONWOVEN GEOTEXTILE IS REQUIRED OVER THE PROPOSED SUBGRADE AND UNDER THE RIPRAP BUT IS NOT SHOWN ON THESE CROSS SECTIONS. REFER TO THE DETAILS FOR ADDITIONAL INFORMATION.
5. EXISTING FENCING ALONG THE TOP OF THE EXISTING RIVERBANK IS NOT SHOWN BUT SHALL BE REMOVED IN CONJUNCTION WITH THIS WORK. THE APPROXIMATE LOCATION OF THE EXISTING GAS LINE IS SHOWN. EXISTING GAS LINE SHALL BE RELOCATED PRIOR TO RIVERBANK EXCAVATION. EXISTING GAS LINE SHALL BE DISPOSED OF ON-SITE BY BURIAL UNDER THE FINAL CAPS AND COVERS.
6. FINAL CAPS AND COVERS ARE NOT SHOWN ON THESE CROSS SECTIONS. PERMANENT PERMEABLE COVER WILL TIE-IN AND OVERLAP THE TOP OF THE RIPRAP AS SHOWN BY THE DRAWINGS.



PRELIMINARY - FOR REGULATORY REVIEW

No.	Date	Revision

X-SECTIONS-2
CAD File No.

MBS
Drawn

MAS
Checked

MAS
Approved

NOTED
Scale:

DEC. 2011
Date:

01-0081-700C
Project No.

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POTESTA

Owner
SOLUTIA, INC.
ST. LOUIS, MISSOURI

Title
RIVERBANK CROSS SECTIONS
RCRA INTERIM MEASURES
CAPS AND COVERS CONTRACT

14
Drawing No.

XREF Files: 01-0081-700C-MFS-DESIGN 01-0081-700C-BASE
MAPS Files:
File: S:\CAD-Projects\01-0081 SOLUTIA\PHASE 700C\01-0081-700C-MFS-X-SECTIONS-2.dwg
Plotted On: Jan 31, 2011 - 1:20pm
Plotted By: MBSouthard