



Building a Better World
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MEMORANDUM

TO: Mayor and City Council

FROM: Greg Anderson, PE

DATE: July 25, 2017

RE: First English Church - bank erosion
SEH No. CANNO 123363 14.00

The drainage off of the parking lot at First English Church flow west towards its outlet to the Little Cannon River across the 3rd Street SW right-of-way. The swale that carries this drainage down the slope towards the river was damaged during the September 22-24, 2016 storm event that caused other damage in the City that qualified for FEMA funds to repair. This bank has continued to erode due to it being the outlet for most of the church parking lot. The erosion has reached a point that is now threatening the existing sanitary sewer line in the 3rd Street SW right-of-way (see photos). Chief McCormick has worked with FEMA to secure funding to repair the eroded bank. Our original estimated project cost was approximately \$42,000. The City has typically received 100% funding of the project costs from FEMA on past projects. We are anticipating the same with this project.

We have prepared plans for a storm sewer line that would capture the runoff from the parking lot and pipe it down the slope to an outlet structure. After the pipe installation, the eroded bank would be filled and riprap would be placed to stabilize the bank. The construction plan is attached.

Council is asked to authorize a request for quotes to complete the work. The quotes will be solicited in August and brought to the council for recommendation of award at the September 5th council meeting.

ah
attachment

c: Ron Johnson, City Administrator
Jeff McCormick, Police Chief

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Photo 1 Facing north in 3rd Street SW ROW



Photo 2 Facing west

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 3535 Vadnais Center Drive, St. Paul, MN 55110-5196

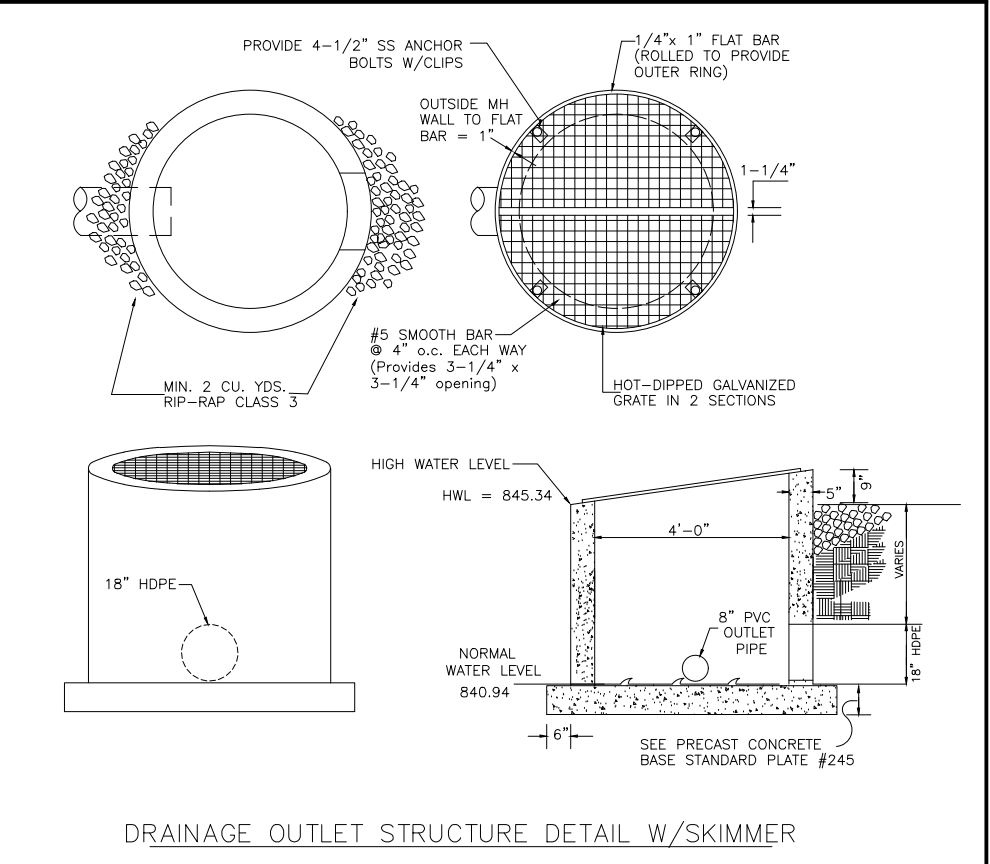
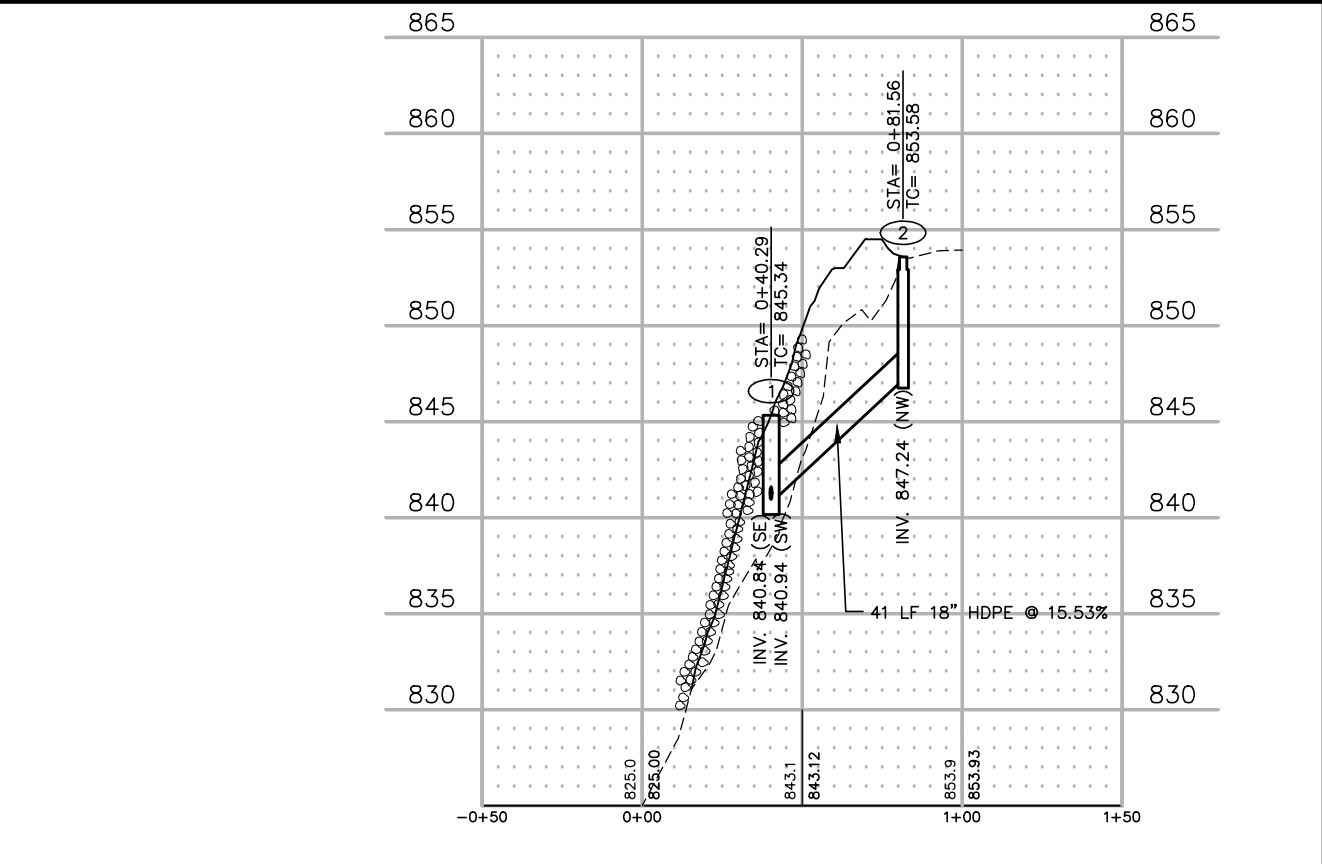
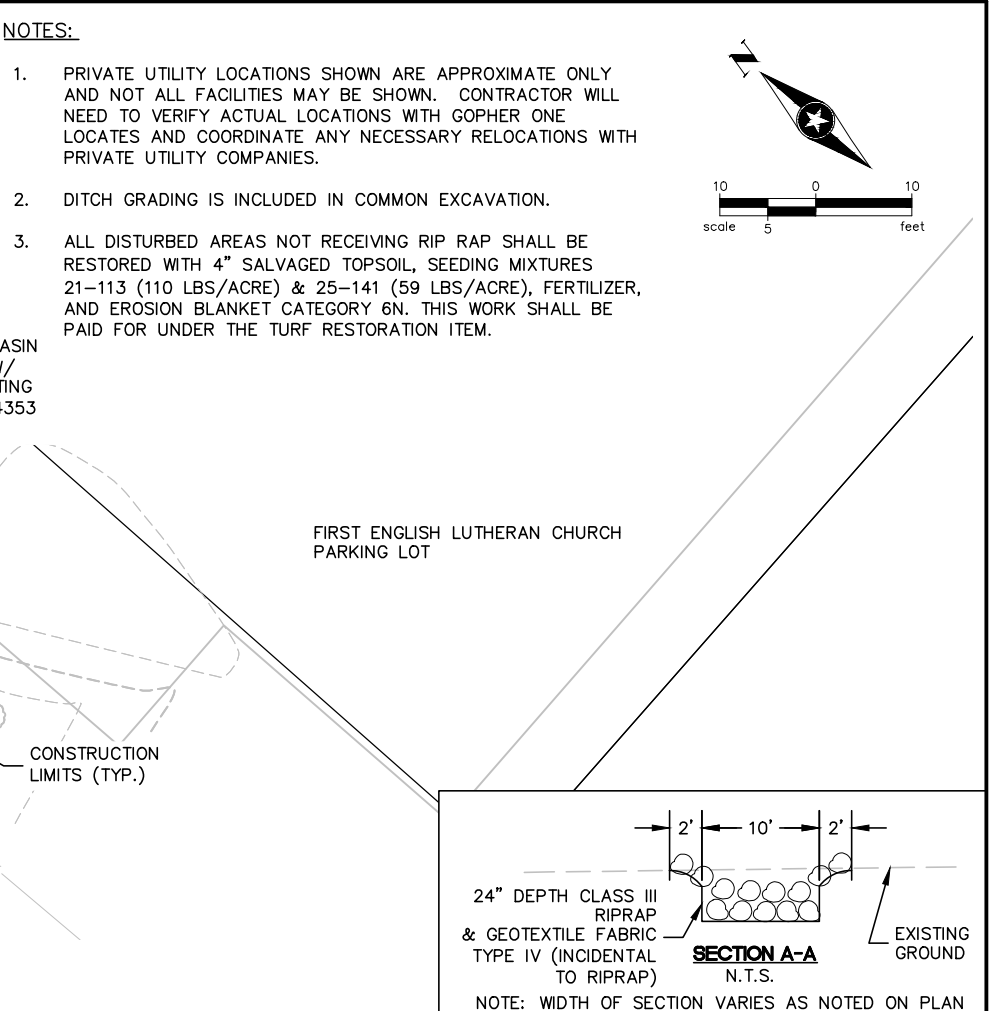
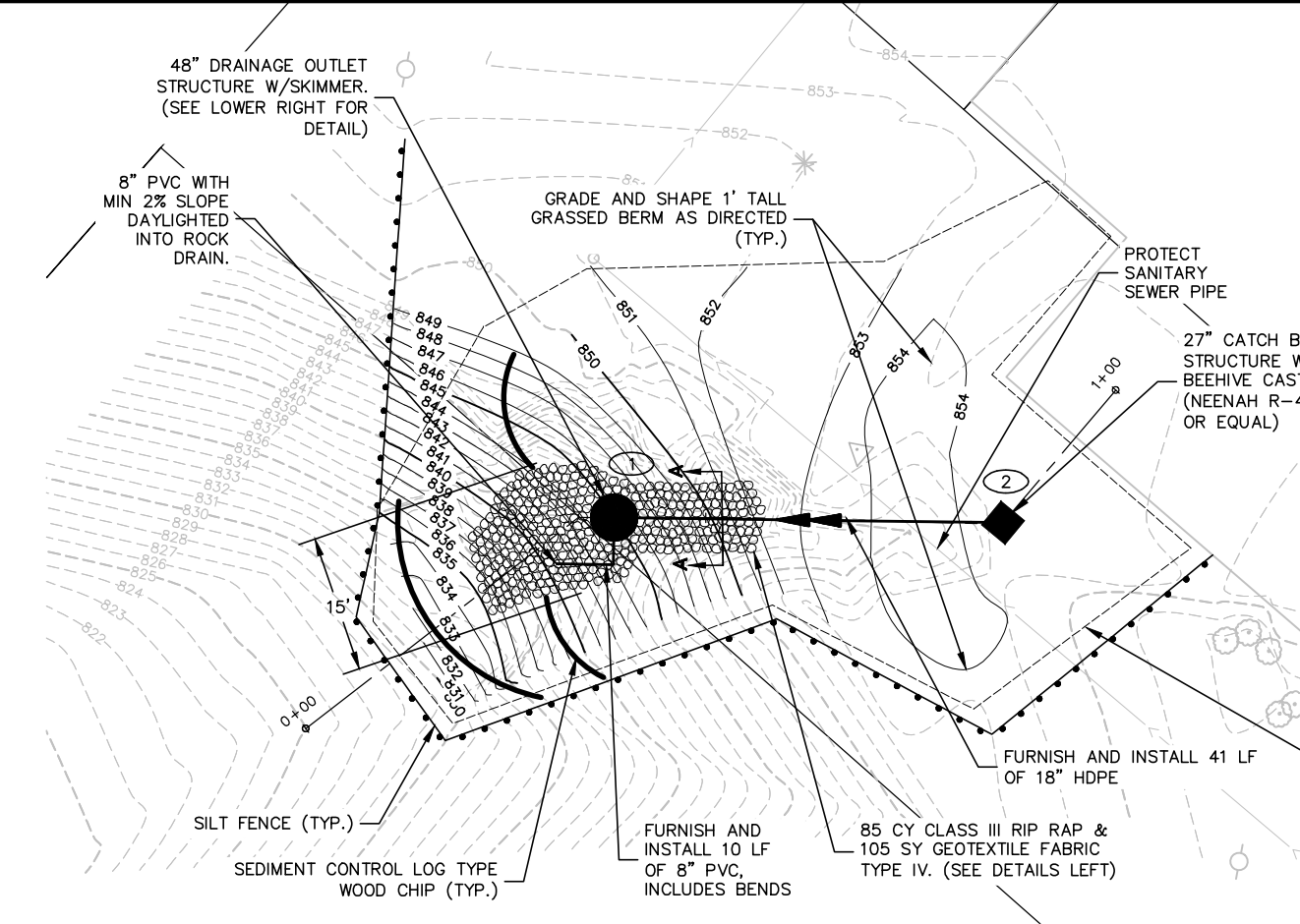
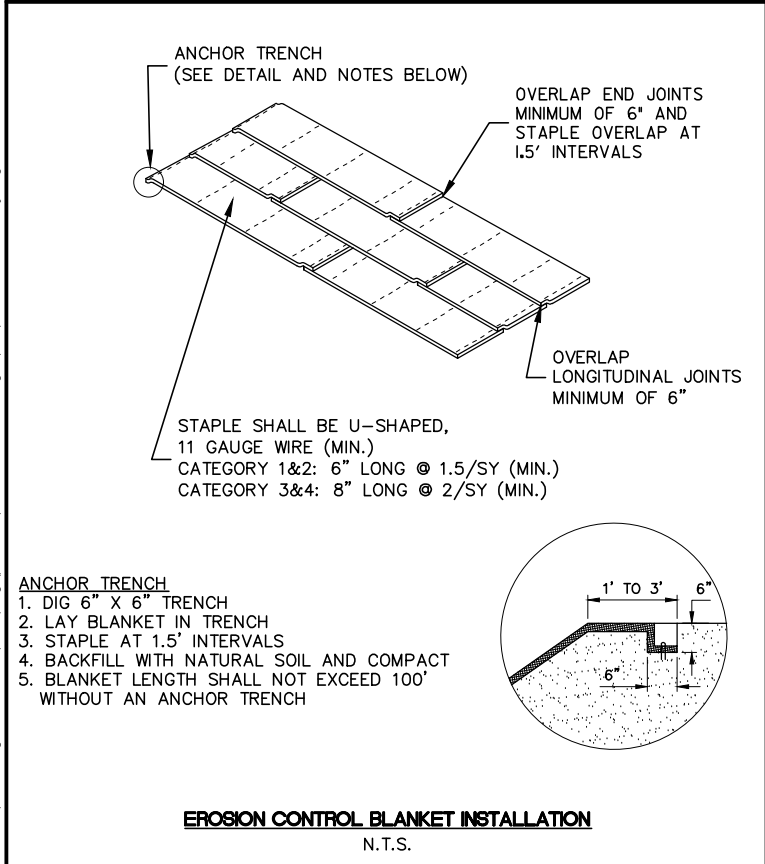
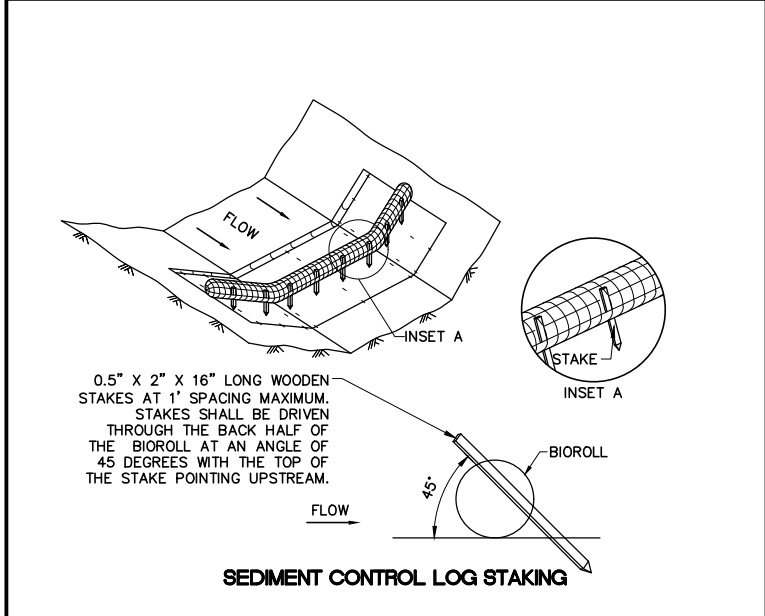
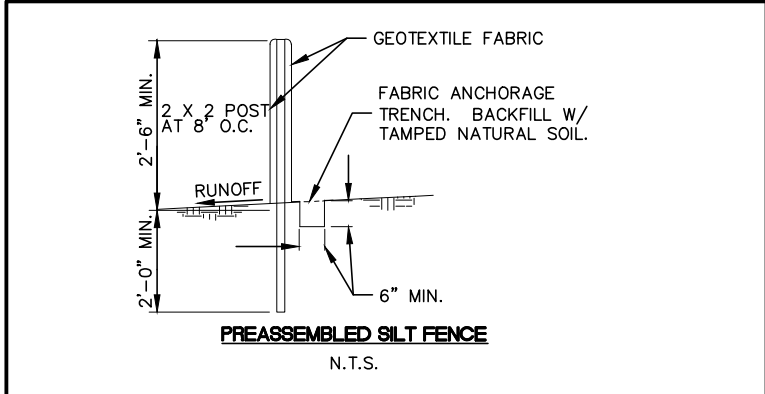
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Photo 3 Facing north in 3rd Street SW ROW



Photo 4 Eroded bank



DRAWN BY:	DJC				
DESIGNER:	DJC				
CHECKED BY:	GFA				
DESIGN TEAM	NO.	BY	DATE	REVISIONS	

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: 7.24.17 GREGORY F. ANDERSON, P.E. Lic. No. 26859

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