



PUBLIC NOTICE

US Army Corps
of Engineers
Rock Island District

Applicant: City of Davenport, IA

Date: December 29, 2020

Expires: January 27, 2021

CEMVR-RD-2020-1671

Section 404

Joint Public Notice
US Army Corps of Engineers
Iowa Department of Natural Resources

1. **Applicant:** City of Davenport, IA, Attn: Ms. Amy Kay, 1200 E 46th Street, Davenport, Iowa 52807.

Agent: Bolton & Menk, Inc., Attn: Ryan Benjegerdes, 1519 Baltimore Dr., Ames, Iowa 50010.

2. **Project Location.**

- Section 33, Township 78 North, Range 3 West
- Scott County, Iowa
- Datum NAD-83; UTM Zone 15
- Latitude: 41.51075; Longitude: -90.62697
- Drawings for 2020-1671:
 - o 1 of 6 Location Map
 - o 2 of 6 Site Plan
 - o 3 of 6 Cross Sections
 - o 4 of 6 Cross Sections
 - o 5 of 6 Cross Sections
 - o 6 of 6 Cross Sections

3. **Project Description and Purpose.** The City of Davenport proposes to stabilize the “Base Bid” section totaling 1,415 linear feet and the “Alt A” section totaling 390 linear feet for a cumulative total of 1,805 linear feet of bank stabilization. See attachment Project Details for exact location. The city proposes using various methods of stabilization (stone toe, modular block retaining wall, fabric encapsulated soil lifts, vegetation establishment or ripped slope) instead of a large linear riprap channel.

4. **Avoidance and Minimization Statement.** The applicant is limiting the stabilization activity to various locations along the bank of Blackhawk Creek. The applicant’s initial proposal included stabilizing 3,830 linear feet of Blackhawk Creek, from South Concord Street bridge to the Homestead Avenue bridge. Techniques included placing various erosion control methods to prevent the continued erosion and to control the encroachment of the river into adjacent infrastructure or private property.

5. **Agency Review.** The project plans have been submitted to the Iowa Department of Natural Resources for state certification of the proposed work in accordance with Section 401 of the Clean Water Act. The certification, if issued, will express the Department's opinion that the proposed activity will comply with Iowa's water quality standards (Chapter 61 IAC). The applicant has also applied for authorization of work in the floodplain pursuant to Chapter 455B of the Iowa Code and other applicable state permits. Written comments concerning possible impacts to waters of Iowa should be addressed to: Iowa Department of Natural Resources, 502 East 9th Street, Des Moines, Iowa 50319. A copy of the comments should be provided to the Corps of Engineers office (see paragraph 11, of this public notice for address).

6. **Historical/Archaeological.** Due to the location and high potential for impacts to cultural resources a Phase I survey has been required by the Corps. The results will be coordinated with Iowa State Historical Preservation Office to ensure compliance with Section 106 of the National Historic Places Act of 1966 (NHPA).

7. **Endangered Species.**

A. District staff has performed a preliminary review of this application for the potential impact on threatened or endangered species pursuant to Section 7 of the Endangered Species Act as amended. The following threatened or endangered species are listed by the United States Fish and Wildlife Service (FWS) as occurring in Scott County, Iowa:

- Northern Long-eared Bat
- Eastern Massasauga
- Western Prairie Fringed Orchid
- Sheepnose Mussel
- Higgins Eye (pearlymussel)
- Rusty patched bumble bee
- Prairie bush-clover
- Eastern Prairie Fringed Orchid
- Spectaclecase Mussel
- Indiana bat

B. The proposed project is being coordinated with the FWS through this public notice. According to plans, designs and information provided by the Applicant, the project will not affect dry/mesic/wet prairies or sedge meadows so neither of the plant species will be affected. The project will not require the removal of trees therefore has no potential to impact bats. Because of this our preliminary determination is that this project ***“has no potential to affect federally endangered, threatened or candidate species, or Critical Habitat.”*** Accordingly, our preliminary determination is subject to change should further information become available.

8. **Public Interest Review.** The decision whether to issue the Corps permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

9 Who Should Reply. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. These statements should be submitted on or before the expiration date specified at the top of page 1. These statements should bear upon the adequacy of plans and suitability of locations and should, if appropriate, suggest any changes considered desirable.

10. Public Hearing Requests. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. A request may be denied if substantive reasons for holding a hearing are not provided.

11. Reply to the Corps. Comments concerning the Corps permit should be addressed to the US Army Corps of Engineers, Rock Island District, Regulatory Division, Attn: RD-W (Hardy), Clock Tower Building - Post Office Box 2004, Rock Island, Illinois 61204-2004. **Mrs. Donna Hardy** may be contacted for additional information at (309) 794-5378 or email at donna.r.hardy@usace.army.mil.

matthew a zehr
On behalf of

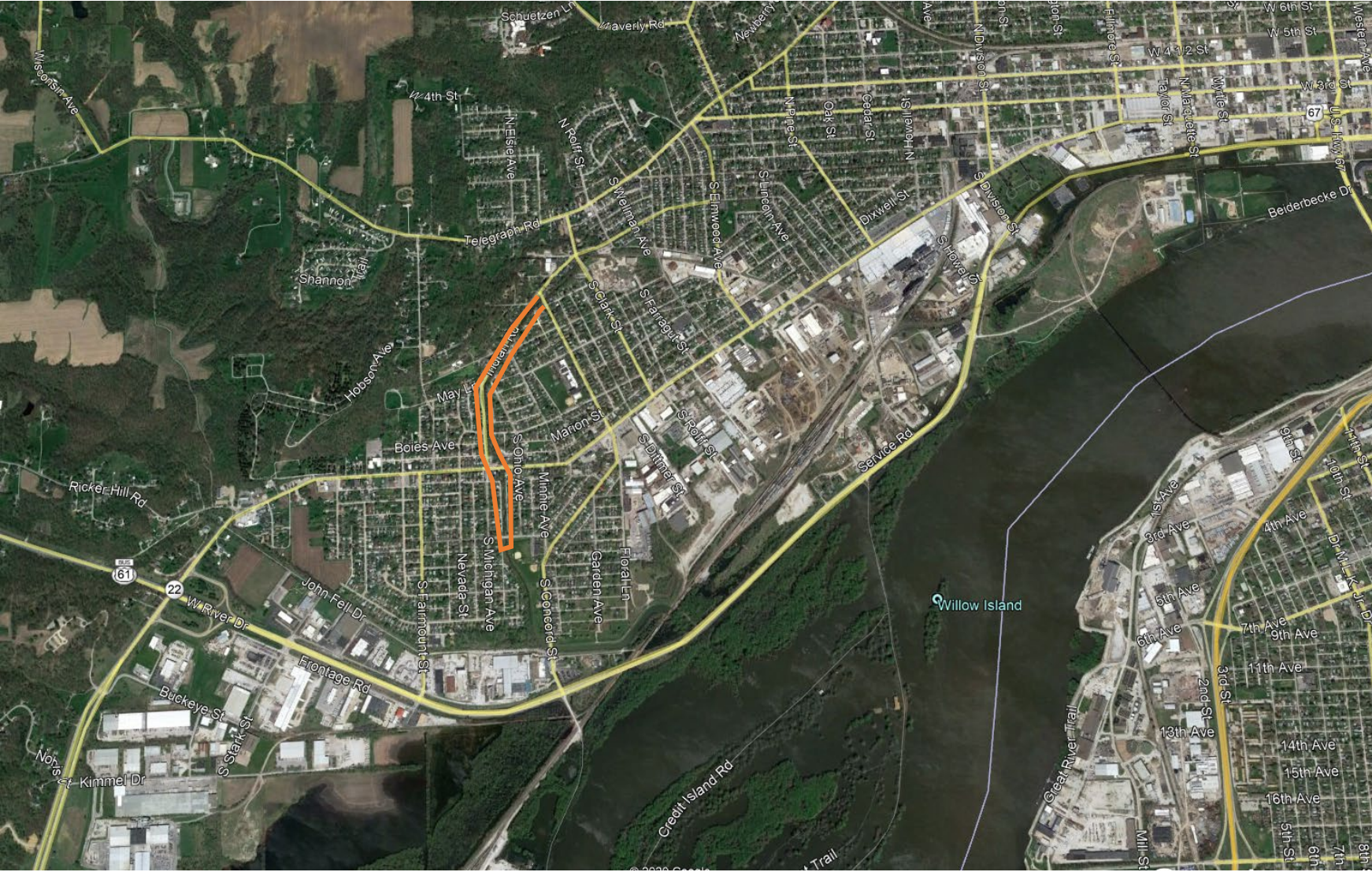
Mrs. Donna Hardy
Project Manager, Western Branch
Regulatory Division

Attach
Plan

REQUEST TO POSTMASTERS: Please post this notice conspicuously and continuously until the expiration date specified at the top of page 1.

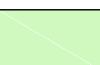



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CEMVR-RD-2020-1671
Location Map Sheet 1 of 6





LEGEND

	STONE TOE (ST)/FESL STABILIZATION		RIP RAP SLOPE (RRS) STABILIZATION
	BLOCK WALL TOE (BWT) STABILIZATION		FLOOD PLAIN BENCH (FPB)



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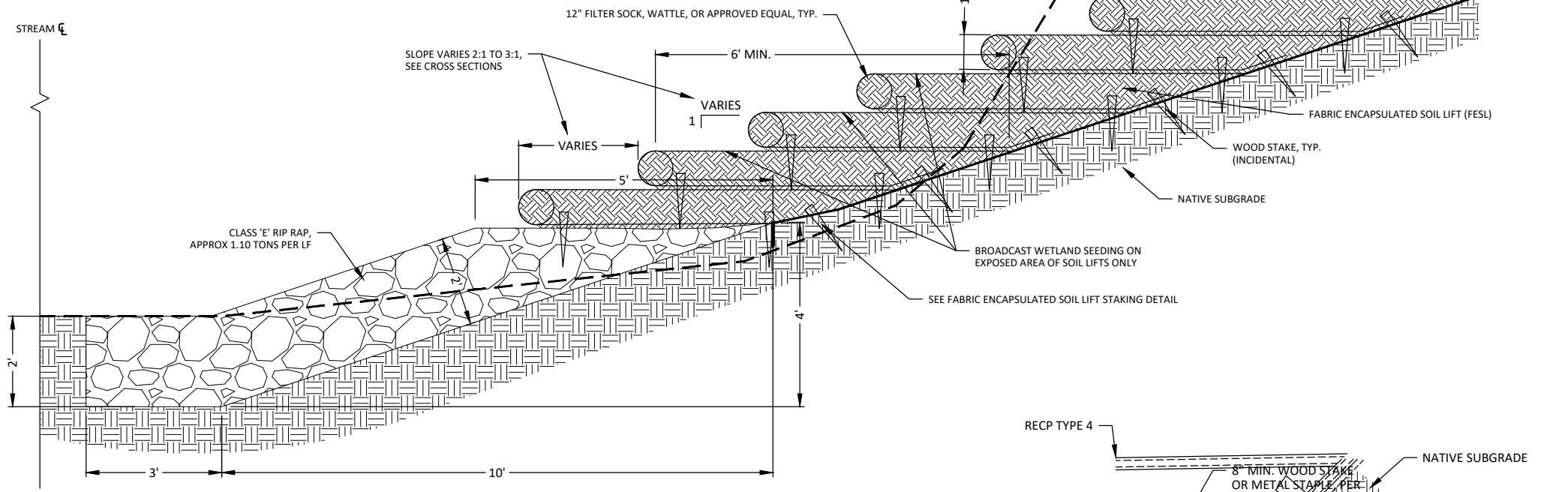
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CITY OF DAVENPORT, IOWA
 BLACKHAWK CREEK STABILIZATION
 PROPOSED SITE PLAN

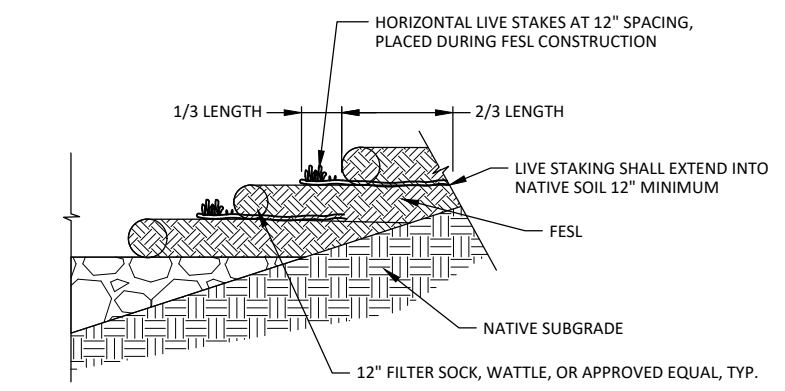
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 A.04

NOTES

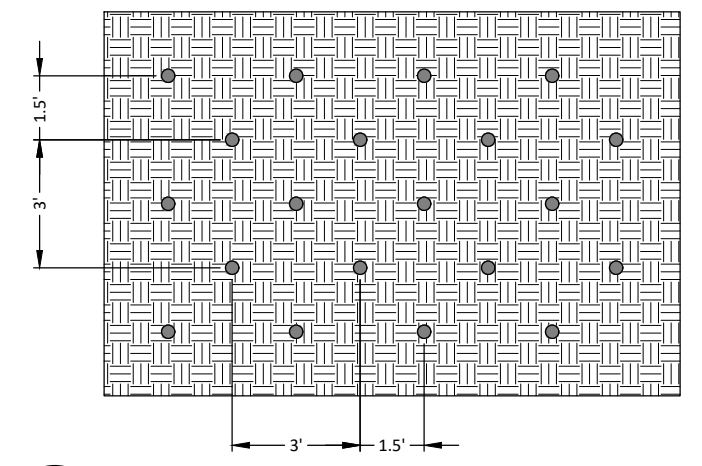
1. PLACE HORIZONTAL AND VERTICAL LIVE STAKES AS SHOWN IN DETAILS.
2. BROADCAST WETLAND SEEDING ON THE TOP OF EACH SOIL LIFT PRIOR TO COVERING WITH TYPE 4 RECP.
3. KEY-IN THE UPSTREAM END, PER DETAIL 11.



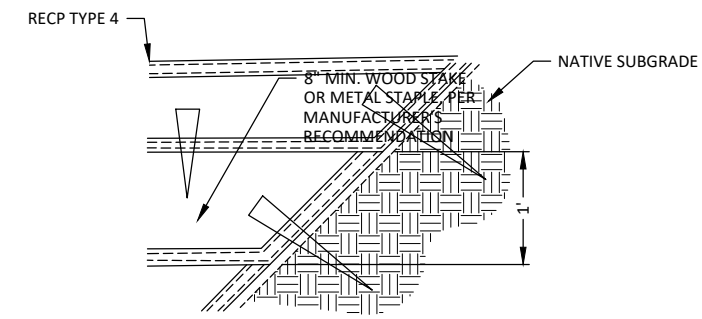
01 STONE TOE STABILIZATION
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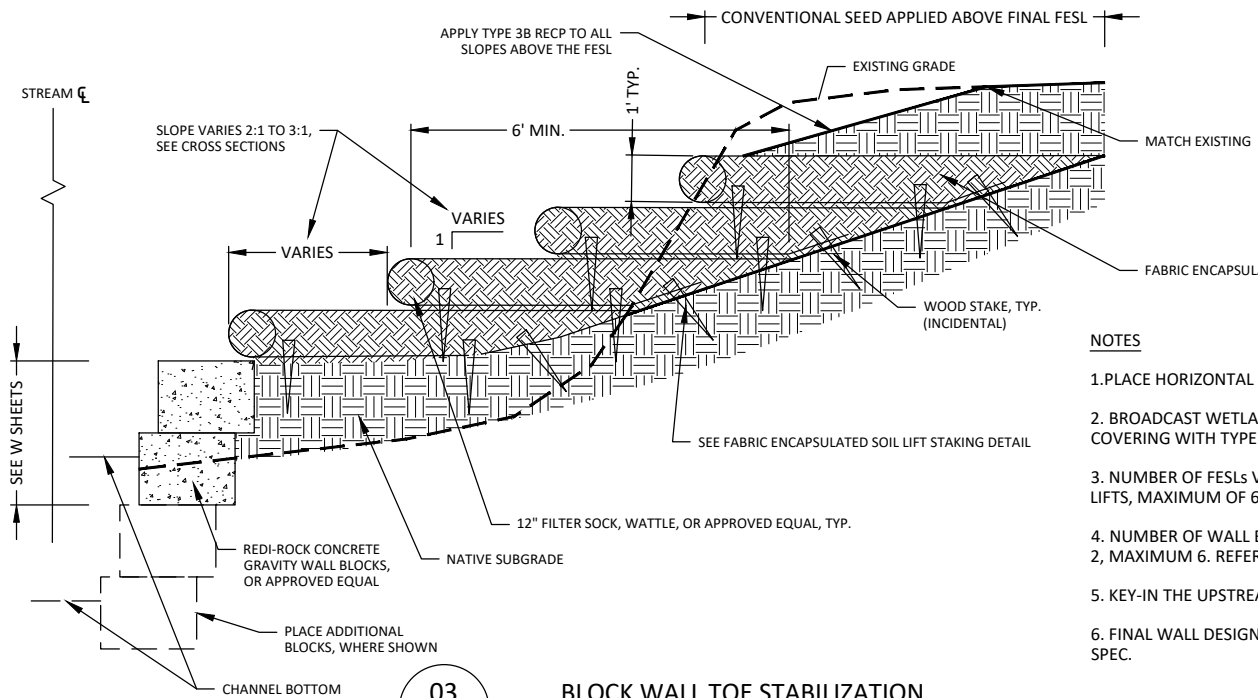
02 HORIZONTAL LIVE STAKING PLANTING
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05 VERTICAL LIVE STAKING PATTERN DETAIL (PLAN)
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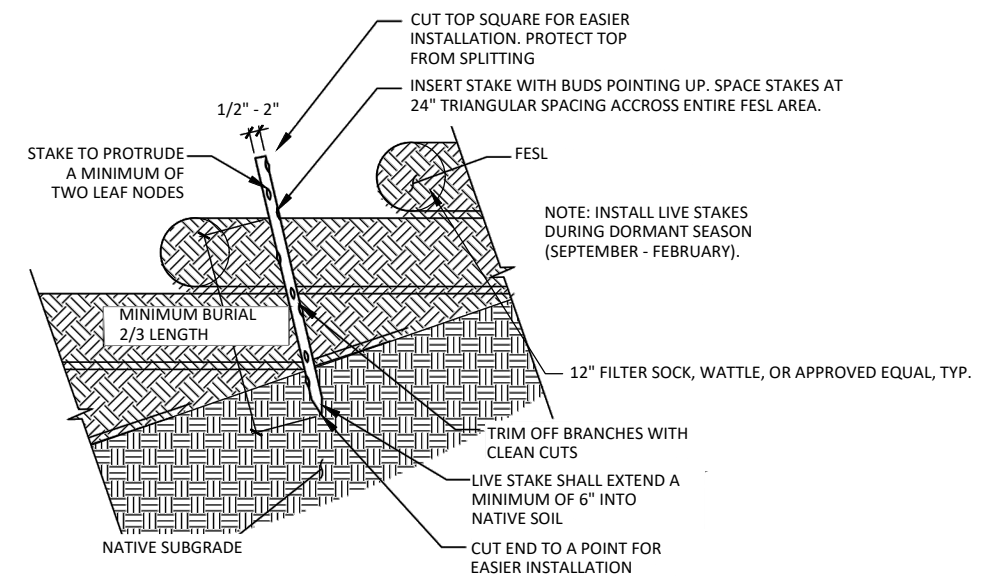
04 FESL WOOD STAKING
NTS



03 BLOCK WALL TOE STABILIZATION
NTS

NOTES

1. PLACE HORIZONTAL AND VERTICAL LIVE STAKES AS SHOWN IN DETAILS.
2. BROADCAST WETLAND SEEDING ON THE TOP OF EACH SOIL LIFT PRIOR TO COVERING WITH TYPE 4 RECP.
3. NUMBER OF FESLS VARIES BASED ON HEIGHT OF WALL. MINIMUM OF TWO LIFTS, MAXIMUM OF 6 LIFTS. REFER TO W-SHEETS.
4. NUMBER OF WALL BLOCKS VARIES BASED ON HEIGHT OF WALL. MINIMUM 2, MAXIMUM 6. REFER TO W-SHEETS AND FINAL WALL DESIGN.
5. KEY-IN THE UPSTREAM END, PER DETAIL 8.
6. FINAL WALL DESIGN SHALL BE PROVIDED BY A LICENSED ENGINEER, PER SPEC.



06 VERTICAL LIVE STAKING PLANTING
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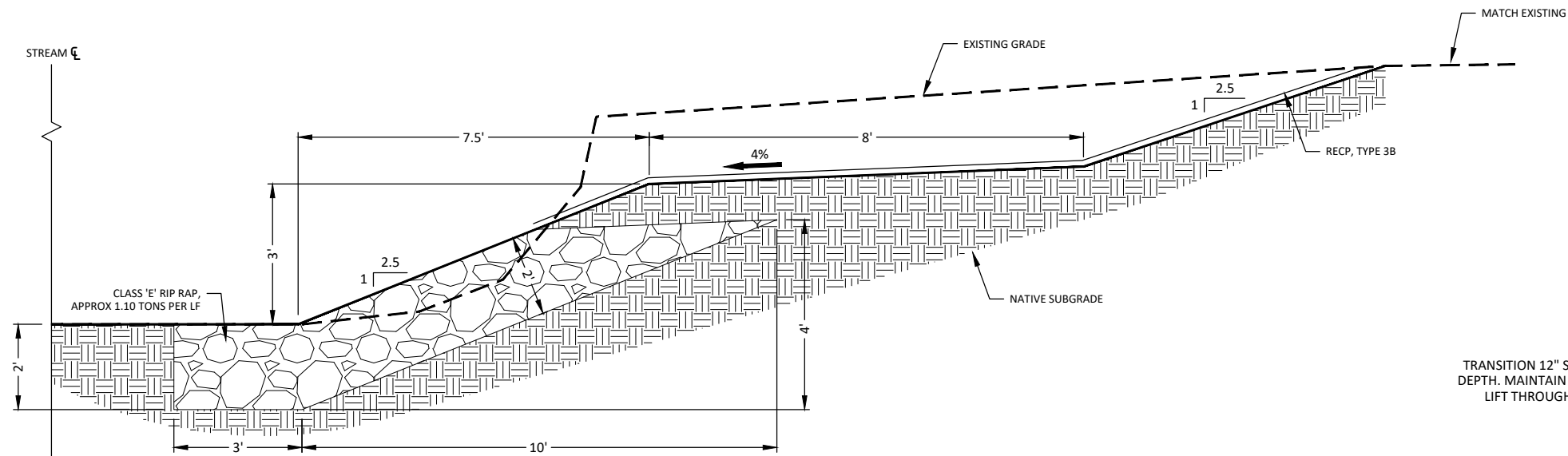


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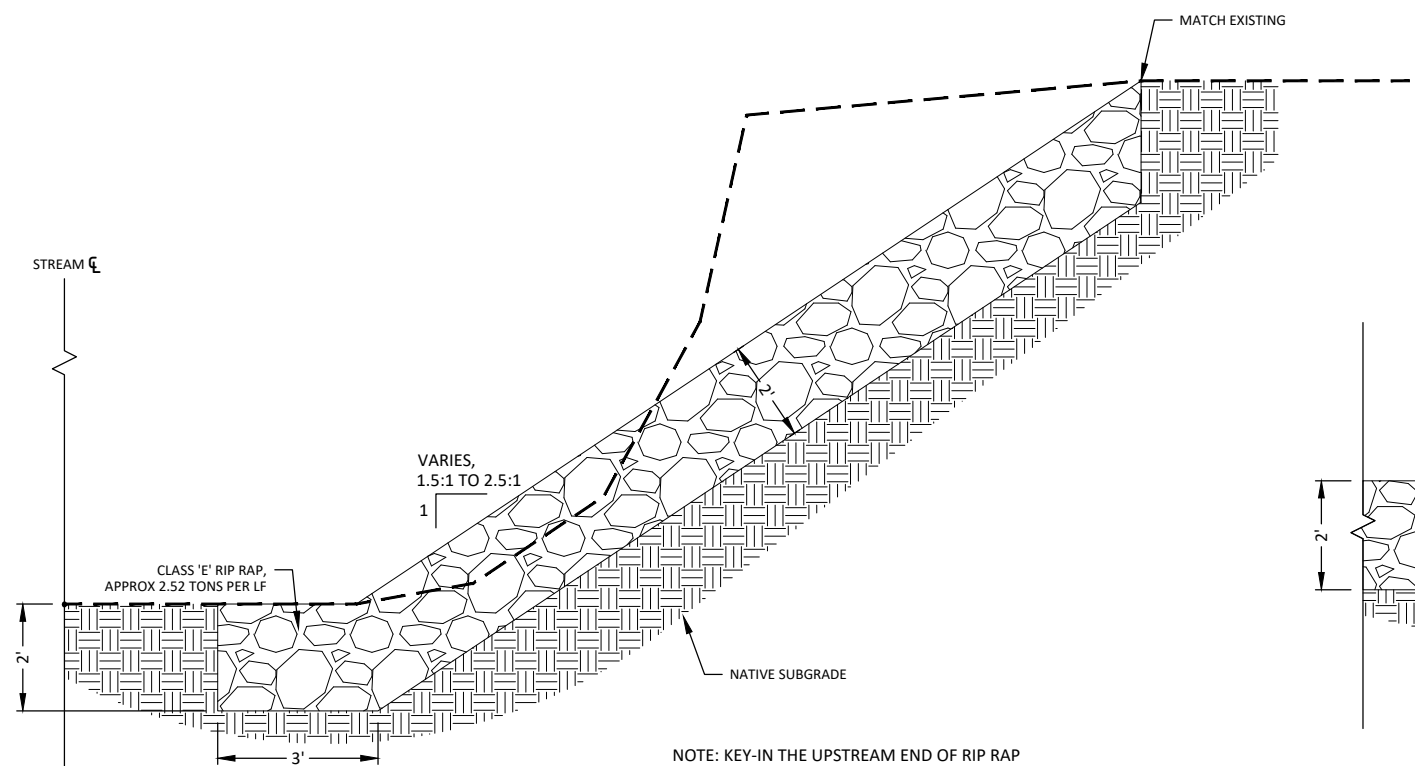
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CITY OF DAVENPORT, IOWA
BLACKHAWK CREEK STABILIZATION
TYPICAL SECTIONS AND DETAILS

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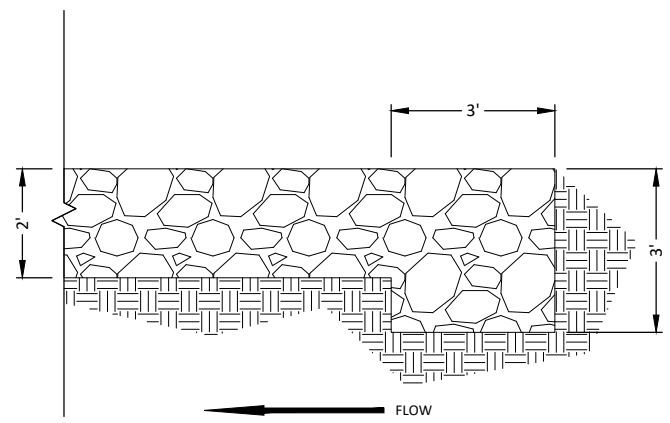


07 FLOODPLAIN BENCH
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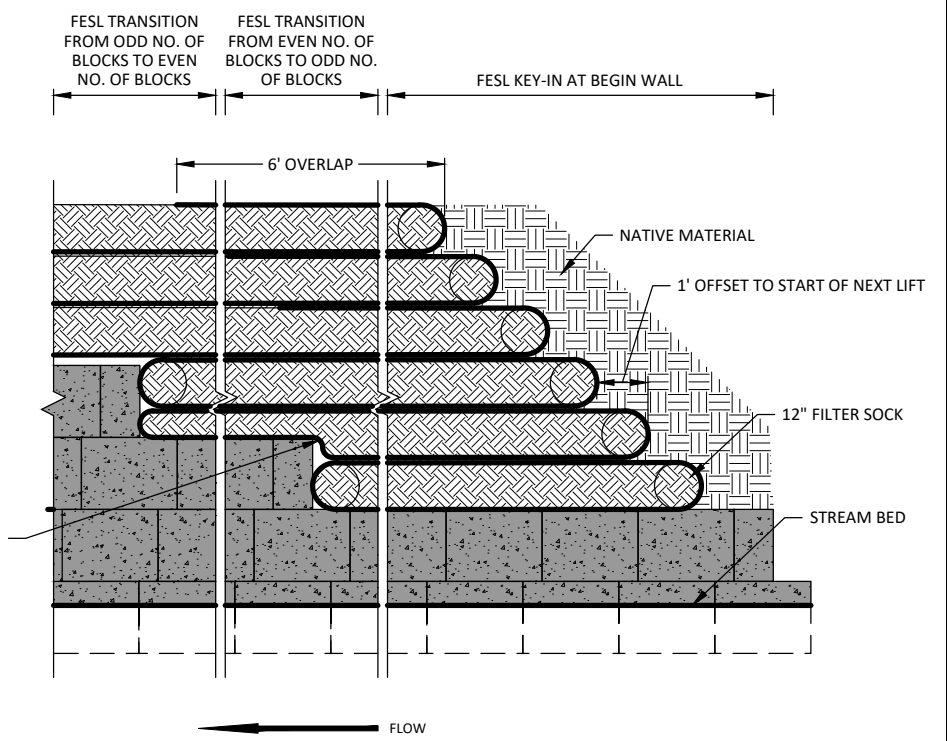


09 RIP RAP SLOPE
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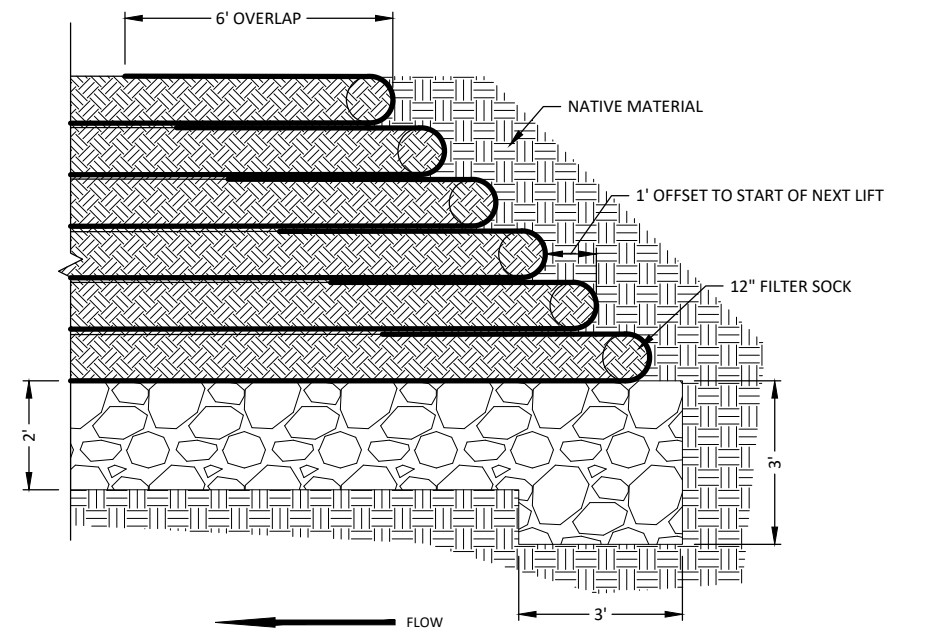
NOTE: KEY-IN THE UPSTREAM END OF RIP RAP SLOPE, PER DETAIL 10.



10 RIP RAP SLOPE KEY-IN (PROFILE)
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08 BLOCK WALL & FESL KEY-IN (PROFILE)
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11 STONE TOE KEY-IN (PROFILE)
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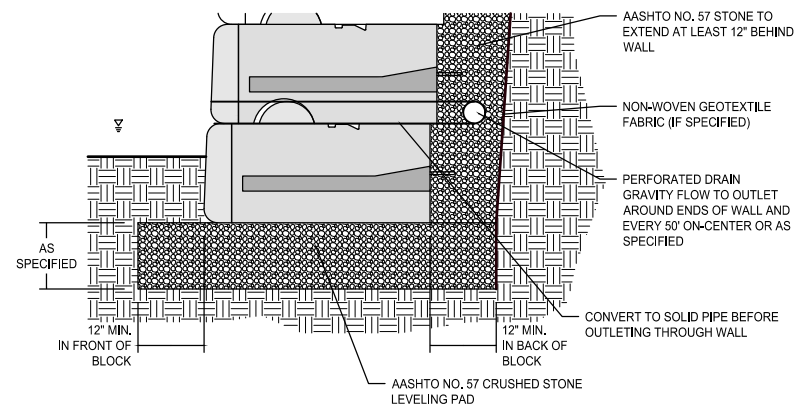


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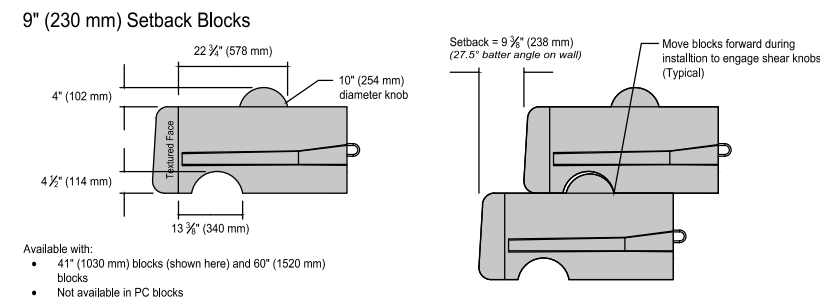
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BLACKHAWK CREEK STABILIZATION
TYPICAL SECTIONS AND DETAILS

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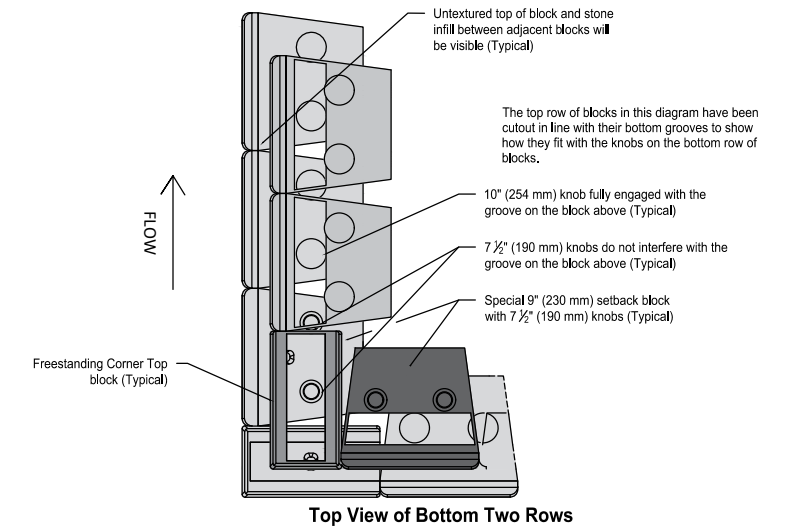


12 OPEN-GRADED CRUSHED STONE LEVELING PAD
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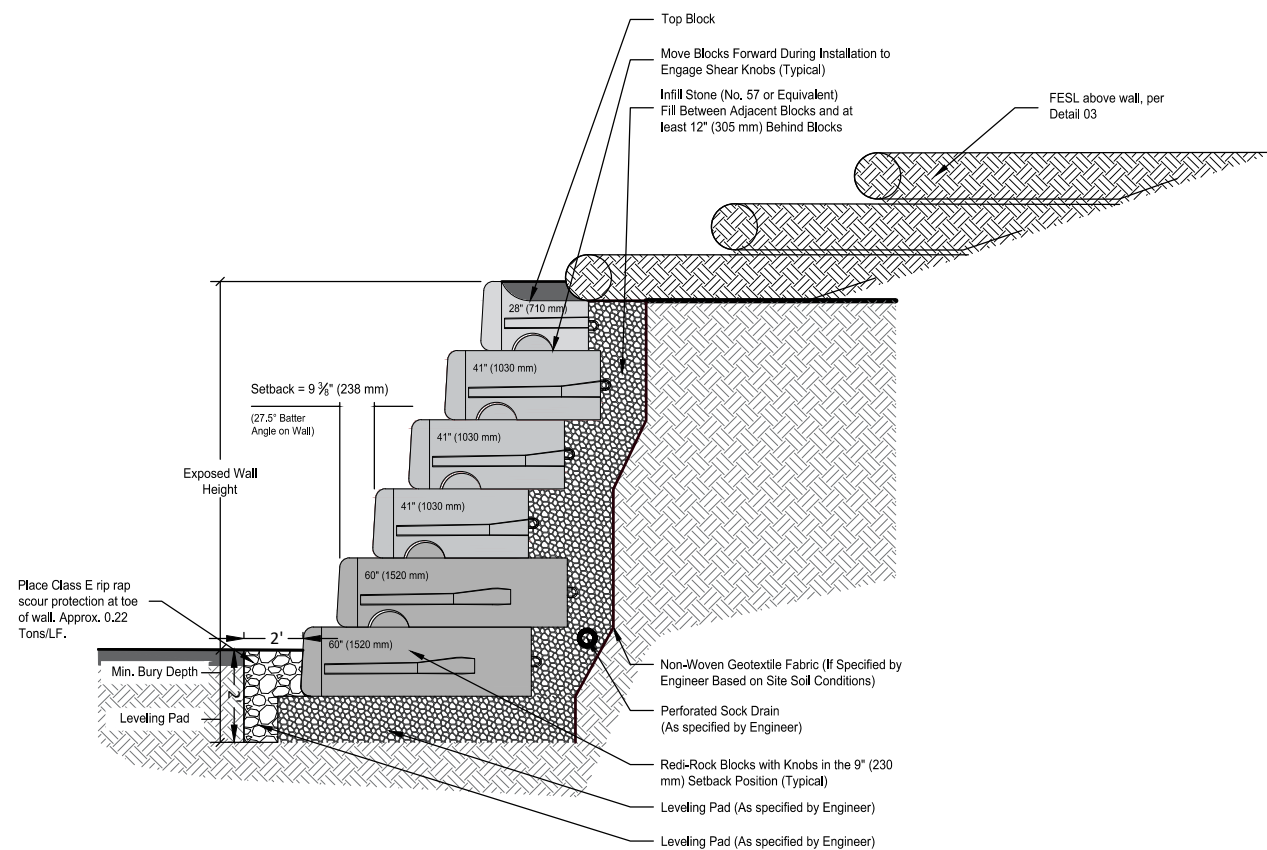


NOTE: Wall shall utilize 9" setback blocks with 27.5 degree batter, as shown

13 9" SETBACK DETAILS
NTS

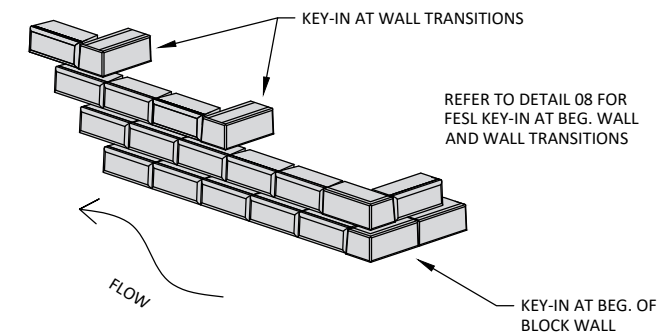


14 90-DEGREE CORNER (KEY-IN DETAIL)
NTS



NOTE: BLOCK SIZES AND CONFIGURATION SHOWN FOR REFERENCE ONLY. FINAL DESIGN TO BE PROVIDED BY LICENSED ENGINEER.

15 LARGE-BATTER WALL SECTION
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16 BLOCK-WALL KEY-IN
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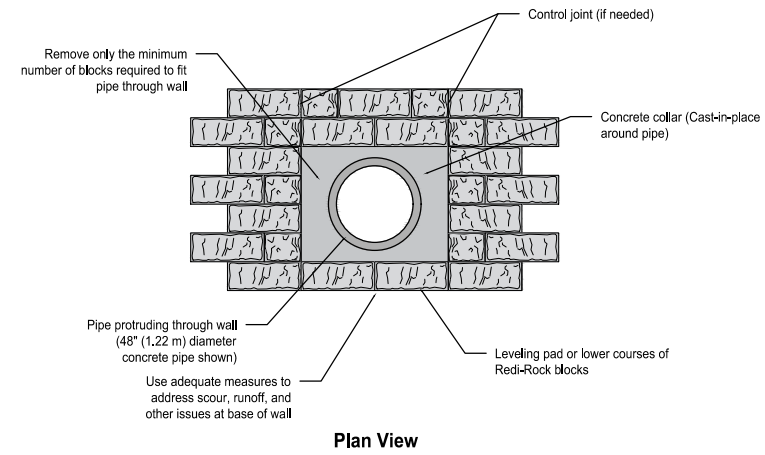
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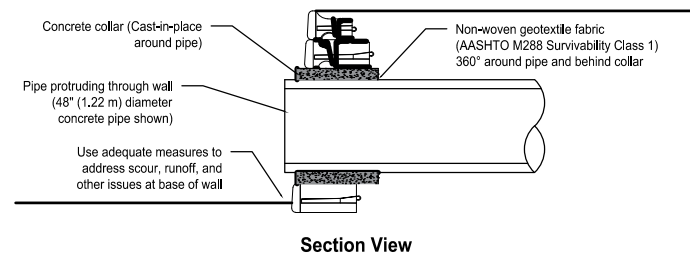
CITY OF DAVENPORT, IOWA
BLACKHAWK CREEK STABILIZATION

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TYPICAL SECTIONS



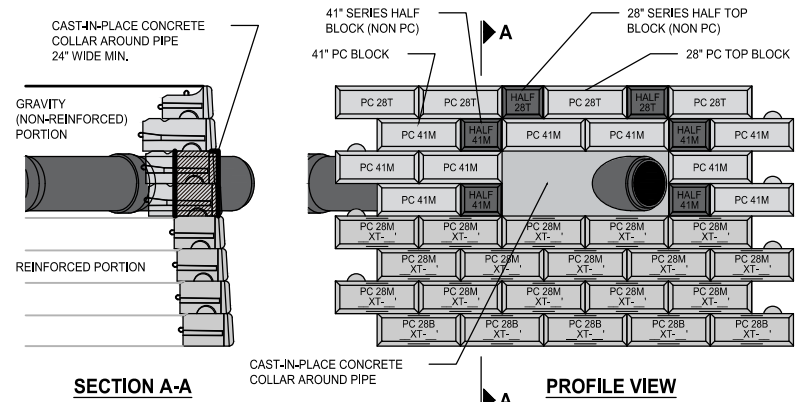
Plan View



Section View

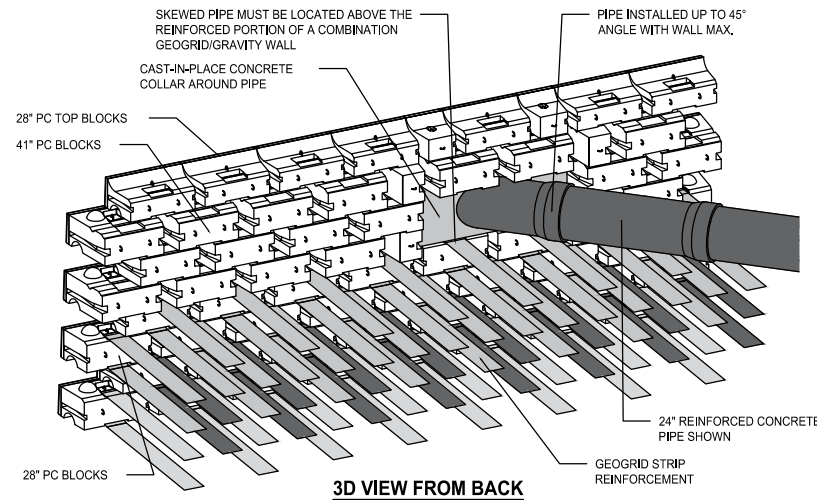
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17 PIPE THROUGH WALL (PERPENDICULAR)
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SECTION A-A

PROFILE VIEW



3D VIEW FROM BACK

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18 PIPE THROUGH WALL (SKEWED)
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CITY OF DAVENPORT, IOWA
BLACKHAWK CREEK STABILIZATION
TYPICAL SECTIONS AND DETAILS

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B.04