

From: [Elfreth, Sarah Senator \(District\)](#)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [Non-DoD Source] FW: U.S. Navy Greenbury Point proposal
Date: Thursday, April 21, 2022 12:12:18 PM

FYI.

(b) (6)

District Director

Senator Sarah Elfreth

Legislative District 30

410 (b) (6) (o)

(b) (6) [.district@senate.state.md.us](mailto:(b) (6).district@senate.state.md.us)

From: (b) (6) @icloud.com [mailto:(b) (6) @icloud.com]

Sent: Thursday, April 21, 2022 12:06 PM

To: (b) (6).casework@mail.house.gov

Cc: Elfreth, Sarah Senator (District) <Sarah.Elfreth.District@senate.state.md.us>

Subject: U.S. Navy Greenbury Point proposal

Good morning, (b) (6) Thanks for your quick response to the 4/8th communication from MD Senator Elfreth's office regarding the Navy's proposal regarding Greenbury Point. As you had requested, the following provides additional background and information. Please let me know if you have any further questions, I'd be happy to follow up.

Proposed New Golf Course at Greenbury Point

Greenbury Point is a 240 acre conservation area, managed by Naval Support Activity Annapolis (NSA), which is surrounded on three sides by water: the Severn River, the Chesapeake Bay and Whitehall Bay. In addition to its use by midshipmen for recreation and training, the public has access to the nature trails and shoreline for walking, running, biking, fishing, bird watching, etc. during posted open hours. Residents from surrounding neighborhoods and the greater Annapolis community consider this a precious natural resource and an all too rare protected conservation area with views and access to the Chesapeake Bay. While the Navy has yet to communicate its plans to the public, residents have become aware of a series of actions and discussions which include the Office of the Secretary of the Navy to move forward plans to convert this nature preserve to a golf course.

Major questions include:

- What is the process and timing regarding this proposal?

Communications to date with various Navy spokespeople at

the Naval Academy, Naval Athletic Association, Naval Support Activity have resulted in no details other than a consistent reassurance that this is merely an idea, very preliminary, and likely not to take shape for many years. However, the Secretary of the Navy has approved leasing the land to the Naval Academy Golf Association, a non profit which raises money for USNA golfing improvements. Internal meetings with responsible parties are ongoing, a first meeting with the neighboring Providence community has been scheduled, and a second meeting with the Secretary of the Navy will occur in May.

- Is a golf course truly the best use of this unique space by the Naval Academy and does the proposed use of this land adequately consider the best interests of the midshipmen and the community? How does a second golf course enhance the mission of the Naval Academy?
- Is this an environmentally responsible use of the land on the Chesapeake Bay watershed? Greenbury Point and the surrounding waterways are home to a diverse ecosystem. There are numerous public health, fisheries, and environmental issues associated with siting a golf course on this point of land where runoff flows directly to the waters of the Bay and its tributaries. Conversion of this ecologically diverse forested area to grass represents significant loss of vital habitat. Sea level rise and increased frequency of flooding events may exacerbate impacts. Importantly, there has been no information provided regarding the intent to conduct an Environmental Impact Statement or preliminary Environmental Assessment. Full public disclosure of the timing and release of these studies, with adequate public comment periods, is a Federal requirement. Furthermore, as you know, Federal agencies have specific requirements and responsibilities related to their partnership role in the Chesapeake Bay Watershed Agreement.

- The proposed new course seems redundant. The USNA golf team has a first-rate, recently renovated course. Who are the expected users of the second course? Will the land be leased by the Naval Academy Golf Association (NAGA) with community access by private membership only, similar to the current course? What are the long term plans for usage which would require a second course? Are there plans to develop further the surrounding area, such as the former David Taylor Research site which sits on the Severn River directly across from the Naval Academy?
- Greenbury Point is used by a diverse group of community members with a diverse range of interests. For many years, public users have been grateful to the Navy for sharing this beautiful waterfront with its neighbors. Is the benefit of an exclusive golf course worth the loss of easily accessible natural space for midshipmen and the local community, especially considering that the Naval Academy is a vital member of the Annapolis community?

Thank you for any assistance you and Congressman Sarbanes can provide in shedding light on this proposal and ensuring that the public is kept informed and is offered opportunities for public input and comment. I think I speak for a very large number of people who would be devastated by the loss of this treasure on the Chesapeake. The views of the Bay Bridge, kayakers, boats of all sizes, watermen hoisting crab pots, kids waterskiing, fishermen off Possum Point and the state capitol and Naval Academy are inspiring. Would you or the Congressman care to visit?

Best,

(b) (6)

Email: (b) (6) @icloud.com

Cell: 410- (b) (6)

From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Cc: (b) (6)
Subject: [Non-DoD Source] Greenbury Point
Date: Monday, May 16, 2022 11:49:23 AM
Attachments: [image001.png](#)

Hi (b) (6),

(b) (6) and I are looking forward to our site visit this week. In the spirit of partnership and transparency, we wanted to let you know in advance that CBF has been approached by reporters and community members about a proposed golf course at Greenbury Point. (b) (6) has been asked to sit for an interview this afternoon on the subject and will be sharing our concerns and opposition to such a development. CBF will likely issue a statement to that effect later this week as well.

Happy to discuss this more when we meet on Wednesday, but I wanted you to have a heads up. Please let us know if you have any questions.

Best,

(b) (6)

(b) (6), Ph.D.
Maryland Senior Fisheries Scientist
Chesapeake Bay Foundation
6 Herndon Avenue
Annapolis, MD 21403
Direct: 443 (b) (6)



From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [Non-DoD Source] Greenbury Point Development
Date: Thursday, May 5, 2022 12:34:29 PM

>>

>> Good Afternoon (b) (6)

>>

>> Just so you know, I am not a reporter or a journalist, just an advocate for preservation of history and Annapolis.

>>

>> The Puritans landed at Greenbury Point in 1649 and really it should be a historical landmark. Although a golf course might benefit some personally, we need to think about the environment and the preservation of environmental sites and historical sites.

>>

>> Obviously the Navy can do whatever they would like but I'm hoping that they are mindful of the residents of Annapolis and Anne Arundel County.

>>

>> Many sought refuge at Greenbury during Covid and the trails are a very unique and special place.

>>

>> Even in San Francisco they have many trails that overlooks the water for people to go hiking and take the dogs. To take this away from Annapolis residents would be a travesty.

>>

>> Several joggers told me about the development a Greenbury Point so I did some research and there's nothing against that.

>>

>> I am sure you have thought about the environmental impact of such a development and the impact it will have on the bay.

>>

>> The reason Greenbury Point is so beautiful is because it is untouched by man and continues to be a refuge and place of exercise for all residents of Anne Arundel County. Not to mention the wildlife and pollinators that are increasingly important to us all.

>>

>> The cost to build and maintain ANOTHER golf course way surpasses the cost to maintain waking trails.

>>

>> I don't think developing Greenbury Point will bode well with the general population.

>>

>> Thank you for your consideration.

>>

>> (b) (6)

>> Historic Homes of Annapolis

>> 410-(b) (6)

>>

>>

>> Do not let circumstances defeat you.

>> You can if you think you can.

>>

From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [Non-DoD Source] Greenbury Point proposed destruction
Date: Friday, May 6, 2022 2:21:49 PM

Good afternoon,

I just heard about this atrocious golf course that is being proposed on beautiful Greenbury Point. Can nothing stay beautiful and sacred? Enough of the destruction, the greed, the pollution. Please stop this horrible thing! When will this stop, when the last tree is knocked down? Greed, greed, greed. So sick right now.

Please stop this.

Thank you

(b) (6)
Resident

From: (b) (6)
To: (b) (6) @navy.mil; (b) (6) @navy.mil
Subject: [Non-DoD Source] Media inquiry re: Greenbury Point
Date: Monday, May 9, 2022 2:33:59 PM

Good afternoon,

This is (b) (6) from Chesapeake Bay Magazine. I'm working on a story about the recent uproar about possible future use of the Greenbury Point portion that is currently open to the public as trails most of the time.

There's an ever-growing group of residents who say the public access to Greenbury Point is fenced off and closed, and that there's a proposed new golf course right by the existing golf course that would cut through public access and important environmental habitats, etc.

I imagine that rumors are running rampant, and I'd really like to be able to report what is the accurate truth according to Greenbury Point's operators. Would you please help us with the following:

1) How much of the Greenbury Point trails are currently open/available? I see the last status update on their Twitter page is reminding people not to go around any fencing/closed gates. Does the existing fencing have to do with an upcoming golf course proposal, or were those placed for another reason?

2) To clear up confusion: Is the proposal from the Naval Academy Golf Association for a new and additional golf course, or to expand the existing course?

3) I understand that the proposal has been "forwarded for review"- who is reviewing it at this point? Naval Support Activities?

4) Any additional information that you're able to share on this subject?

Thanks so much for your help! My deadline is Tuesday afternoon.



From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [Non-DoD Source] New signage
Date: Tuesday, June 14, 2022 8:45:57 AM

Good Morning (b) (6)

I hope you're having a nice day so far and I just wanted to ask you a quick question about this new sign I noticed today. It's a little confusing and wanted to clarify that the Poets Trail / Bobwhite circuit is still open in June, correct?

There was another map that showed trails being open and wanted to verify this new red and white sign attached was only for after hours?

Can you provide any insight into the development of Greenbury Point? Why were the fences installed in December?

Can we use the East and West roads from 5PM to 8PM Monday through Friday? We heard the first bobwhite here in 10 years and we were just curious how many of them are now at Greenbury Point.

Also, can the landscapers clear the trail a little more, it is almost impassible now and would appreciate any help you can provide with clearing the trails on Bobwhite circuit.

Thank you,

(b) (6)
410 (b) (6)



Do not let circumstances defeat you.
You can if you think you can.

From: (b) (6)
To: [Denius, Homer R III CAPT USN NSA ANNAPOLIS MD \(USA\)](#)
Cc: (b) (6) [CIV USN NSA ANNAPOLIS MD \(USA\)](#); (b) (6) [CIV \(USA\)](#); (b) (6) [CIV USN COMNAVFAECNGCOM DC \(USA\)](#); (b) (6)
Subject: [Non-DoD Source] Re: [EXTERNAL] RE: Requesting Call on Greenbury Point
Date: Thursday, May 19, 2022 8:57:10 AM

Thanks Homer. I appreciate the note and I understand the frustration of community misinformation. I've watched similar community spin up and misinformation around the development of Holly Beach Farm -- and I'm left frustrated that the NPS is not in a position to correct it.

I'll set a time with (b) (6) and look forward to connecting week after next.

I hope Commissioning week and the POTUS visit are a great success!

(b) (6)

(b) (6)
Superintendent
National Park Service - Chesapeake Office
cell: (b) (6)
(b) (6) [nps.gov](https://www.nps.gov)

(New Address)
1750 Forest Drive, Suite 140
Annapolis, MD 21401

www.nps.gov/CHBA

From: Denius, Homer R III CAPT USN NSA ANNAPOLIS MD (USA) (b) (6) [.mil@us.navy.mil](#)>
Sent: Thursday, May 19, 2022 8:11 AM
To: (b) (6) [@nps.gov](#)>
Cc: (b) (6) [CIV USN NSA ANNAPOLIS MD \(USA\)](#) <(b) (6) [.civ@us.navy.mil](#)>; (b) (6) [CIV \(USA\)](#) (b) (6) [.civ@us.navy.mil](#)>; (b) (6) [CIV USN COMNAVFAECNGCOM DC \(USA\)](#) <(b) (6) [.civ@us.navy.mil](#)>; (b) (6) [@nps.gov](#)>
Subject: [EXTERNAL] RE: Requesting Call on Greenbury Point

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

From: (b) (6)
To: Denius, Homer R III CAPT USN NSA ANNAPOLIS MD (USA); (b) (6) CAPT USN NAVFAC WASHINGTON DC (USA); (b) (6) CDR USN USNA ANNAPOLIS MD (USA); (b) (6) CIV USN COMNAVDIST DC (USA); Walsh, (b) (6) LT USN COMNAVDIST WASH DC (USA); (b) (6) P CIV USN COMNAVFACENGCOM DC (USA); (b) (6) 1@navy.mil (b) (6); (b) (6) (b) (6) CTR (USA); (b) (6)
Cc: (b) (6)
Subject: [Non-DoD Source] RE: Golf Course Community Meeting
Date: Friday, May 6, 2022 3:46:12 PM

We're postponing the community meeting for a date and time TBD. We'll keep you posted.

Thanks.

(b) (6)

-----Original Message-----

From: (b) (6) <>
Sent: Friday, May 6, 2022 11:19 AM
To: (b) (6) .mil@us.navy mil'; (b) (6) .mil@us.navy mil'; (b) (6) CAPT USN NAVFAC WASHINGTON DC (USA)' (b) (6) .mil@us.navy mil'; (b) (6) @usna.edu>; (b) (6) .civ@us.navy mil' <edward.c.zeigler.civ@us.navy mil>; (b) (6) mil@us navy mil' (b) (6) mil@us navy.mil>; (b) (6) .civ@us navy.mil' <(b) (6) .civ@us navy mil>; (b) (6) @navy.mil' <(b) (6) @navy mil> (b) (6) @usna.edu>; (b) (6) <powen@usna.edu>; (b) (6) @usna.edu>; (b) (6) @usna.edu> (b) (6) @usna.edu>
Cc: (b) (6) @usna.edu (b) (6) @usna.edu>
Subject: Golf Course Community Meeting

We have decided to host a meeting to share our Greenbury Point concepts with the neighboring communities on Tuesday evening. In the spirit of clearing the air, this will allow us to present our very preliminary and exploratory concepts and explain the road ahead.

We'll host the meeting at 7pm in the indoor golf facility at the BSC. Guests will be instructed to enter through the NAGA Pro Shop.

I'm going to send the meeting information to our POCs in the Providence and Pendennis Mount communities, but we expect the word to spread beyond these groups.

I'm not sure I included everyone that was involved in the call Wednesday or that needs to be aware, so please share with your staffs as appropriate.

Thanks.

(b) (6)

From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [Non-DoD Source] Re: Save Greenbury Point
Date: Thursday, May 5, 2022 2:52:02 PM

(b)

Just so you are aware the department of interior, the States Attorney and all the local newspapers and news media has been made aware of this proposal.

Another golf course at Greenberry Point would cause irreversible damage to the environment and the wildlife and would not bode well with the community.

A concerned citizen

Do not let circumstances defeat you.
You can if you think you can.

> On May 5, 2022, at 12:35 PM, (b) (6) @comcast net> wrote:

>

> (b)

>

> Per my voicemail, isn't this historical and environmental land protected by the Sikes Act?

>

> Can we give the media your phone number so they can clarify what is really going on here?

>

> A concerned citizen

>

> <IMG_4254.JPG>

>

>

>

> <IMG_4253.JPG>

>

>

> Do not let circumstances defeat you.

> You can if you think you can.

>

From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [Non-DoD Source] Save Greenbury Point
Date: Thursday, May 5, 2022 12:36:39 PM

(b)
(6)

Per my voicemail, isn't this historical and environmental land protected by the Sikes Act?

Can we give the media your phone number so they can clarify what is really going on here?

A concerned citizen



Do not let circumstances defeat you.
You can if you think you can.

From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [Non-DoD Source] Signage
Date: Tuesday, June 14, 2022 8:46:55 AM

(b) (6)

This is what is confusing and just looking for clarification to why this new red and white sign was installed.

Thanks again,

(b) (6)
410 (b) (6)



Do not let circumstances defeat you.
You can if you think you can.

From: (b) (6) NOAA Federal
To: (b) (6) @navy.mil
Subject: [Non-DoD Source] Teed Up!
Date: Thursday, June 2, 2022 5:01:15 PM

Hi (b) (6)

I hope you're doing well. I heard you leading the charge to develop a golf course and fill in the Chesapeake Bay with excavated dirt to avoid all this pesky sea level rise business. I'm sure both are completely true.

Just kidding of course. I have been hearing a lot about the Greenbury Point thing recently. I'd love to get your perspective on it if you have a chance.

(b) (6)

--

(b) (6)

Director
NOAA Chesapeake Bay Office
Work: (240) (b) (6)
Cell: (410) (b) (6)

From: (b) (6)
To: (b) (6) @usna.edu; (b) (6); Denius, Homer R III CAPT USN NSA ANNAPOLIS MD (USA); (b) (6)
(b) (6) s CAPT USN NAVFAC WASHINGTON DC (USA); (b) (6) @navy.mil
Subject: [Non-DoD Source] Update
Date: Monday, June 27, 2022 7:52:33 AM

Captains (b) (6)

Thanks for meeting with us last Monday - very helpful. I am updating and outlining a new memo. If you have any background materials that would be helpful, you can send to this email address, (b) (6)

--

(b) (6) | Of Counsel, Freeh Sporkin & Sullivan
[3711 Kennett Pike Wilmington, DE 19807](#)
| 📞 mobile: 757 (b) (6) | 📠 fax: [302.824.7148](#) | ✉ e-mail: (b) (6) @freehgroup.com

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From: (b) (6)
To: (b) (6)@navy.mil
Subject: [URL Verdict: Neutral][Non-DoD Source] Greenbury Pooint
Date: Wednesday, May 4, 2022 2:17:35 PM

Hi (b) (6)

I hope all is well with you. As you may know, discussion of the potential golf course on greenbury point has sprung up on annapolis-based facebook pages, and people are reaching out to me. I saw something about a meeting on the proposal on May 10, but have no good details.

Can you tell me whether the 5/10 meeting is open to the public, and if so, where and when it is?

Thank you,

--

(b) (6)

Executive Director
Severn River Association

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Consider supporting our efforts at <https://severnriver.org/donate>



From: (b) (6) (Van Hollen)
To: (b) (6) CIV USN COMNAVFACENGCOM DC (USA)
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: meeting to discuss Greenbury Point proposed project
Date: Friday, June 24, 2022 5:01:45 PM

Hi (b) (6),

Thank you again for this reply. I appreciate the clarification. I know we have emailed quite a bit back and forth, and hopefully we will have the opportunity to speak in the future. I hope to schedule a call at your convenience.

Thanks again,

(b) (6)

(b) (6)

667-(b) (6) (office)

202-(b) (6) (mobile)

From: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) (b) (6).civ@us.navy.mil>
Sent: Tuesday, June 14, 2022 9:49 AM
To: (b) (6) (Van Hollen) <Jessica_Klaitman@vanhollen.senate.gov>
Cc: (b) (6) (Van Hollen) <Ashima_Talwar@vanhollen.senate.gov>; Denius, Homer R III CAPT USN NSA ANNAPOLIS MD (USA) (b) (6).mil@us.navy.mil>; (b) (6) CIV USN NSA ANNAPOLIS MD (USA) (b) (6).civ@us.navy.mil>; (b) (6) CIV USN NSA ANNAPOLIS MD (USA) (b) (6).civ@us.navy.mil>; (b) (6) CIV USN CNIC WASHINGTON DC (USA) (b) (6).civ@us.navy.mil>
Subject: RE: meeting to discuss Greenbury Point proposed project

Hi (b) (6),

Thank you for taking the time to reach out again. My apologies for the delayed response.

To date, the only action that has taken place is the Naval Academy Golf Association (NAGA) wrote a letter, dated February 1, 2022, to the Secretary of the Navy requesting the Secretary grant a sole source negotiated lease agreement with the Navy. The Navy responded to that letter on May 6, 2022, directing NAGA to submit their request via the Naval Support activity Annapolis Public Works Department. As of today, we have not received a submittal from NAGA but are expecting one in the future.

Once received, the submittal will go through several levels of review, with approval or disapproval to be made by the Assistant Secretary of the Navy for Energy, Installations and Environment. The pending request from NAGA will only discuss the request for sole source leasing authority. I do not have information to answer the questions regarding environmental impact or specific plans for a golf course. If you would like to schedule a call to discuss the process for a sole source request, I would be happy to talk with you.

Very respectfully,

(b)
(6)

[REDACTED]

Installation Community Planning Liaison Officer
Naval Support Activity Annapolis
181 Wainwright Rd., USNA
Annapolis, MD 21402
Office: 410 (b) (6)
Email: (b) (6) .civ@us.navy.mil

From: (b) (6) (Van Hollen) (b) (6) @vanhollen.senate.gov>
Sent: Friday, June 10, 2022 9:04 AM
To: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) <(b) (6) .civ@us.navy.mil>
Cc: (b) (6) (Van Hollen) (b) (6) @vanhollen.senate.gov>
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: meeting to discuss Greenbury Point proposed project

Dear (b) (6)

I hope that you are doing well. I am writing to follow up on our request to speak. Senator Van Hollen remains interested in your perspective on this proposal. Will you please let me know a date next week when we may meet (virtually)?

Thank you very much,

(b) (6)

(b) (6)

667 (b) (6) (office)
202 (b) (6) (mobile)

From: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) <(b) (6) .civ@us.navy.mil>
Sent: Tuesday, May 31, 2022 3:26 PM
To: (b) (6) (Van Hollen) (b) (6) @vanhollen.senate.gov>
Cc: (b) (6) (Van Hollen) (b) (6) @vanhollen.senate.gov>
Subject: RE: meeting to discuss Greenbury Point proposed project

Hi (b) (6)

Thank you for reaching out. I would be glad to connect for purposes of sharing information and the status of the Naval Academy Golf Association request to construct a golf course on Greenbury Point.

I am routing your request below through my legislative affairs office and will be back in touch soonest to schedule a call.

Very respectfully,

(b) (6)

Installation Community Planning Liaison Officer
Naval Support Activity Annapolis
181 Wainwright Rd., USNA
Annapolis, MD 21402
Office: 410 (b) (6)
Email (b) (6) .civ@us.navy.mil

From: (b) (6) (Van Hollen) (b) (6) <(b) (6)@vanhollen.senate.gov>
Sent: Thursday, May 26, 2022 8:35 PM
To: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) <(b) (6).civ@us.navy.mil>
Cc: (b) (6) (Van Hollen) <(b) (6)@vanhollen.senate.gov>
Subject: [URL Verdict: Neutral][Non-DoD Source] meeting to discuss Greenbury Point proposed project

Dear Ms. (b) (6)

I am writing to ask if you might be available next week to have a conversation with me and my colleague, (b) (6), about the proposed golf course project at Greenbury Point. Senator (b) (6) is interested in hearing your perspective on this proposal. Will you please let me know if you are available to meet, and suggest a few times that work for you?

We look forward to speaking with you.

Thank you,

(b) (6)

(b) (6)

Office of U.S. Senator Chris Van Hollen
667 (b) (6) (office)

2021 (b) (6) (mobile)

(b) (6) [@vanhollen.senate.gov](mailto:(b)(6)@vanhollen.senate.gov)

www.vanhollen.senate.gov



From: (b) (6) (Van Hollen)
To: (b) (6) CIV USN COMNAVFACENGCOM DC (USA)
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: meeting to discuss Greenbury Point proposed project
Date: Friday, June 24, 2022 5:01:45 PM

Hi (b) (6),

Thank you again for this reply. I appreciate the clarification. I know we have emailed quite a bit back and forth, and hopefully we will have the opportunity to speak in the future. I hope to schedule a call at your convenience.

Thanks again,

(b) (6)

(b) (6)

667 (b) (6) (office)

202 (b) (6) (mobile)

From: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) <(b) (6) civ@us.navy.mil>
Sent: Tuesday, June 14, 2022 9:49 AM
To: (b) (6) (Van Hollen) <Jessica_Klaitman@vanhollen.senate.gov>
Cc: (b) (6) (Van Hollen) <Ashima_Talwar@vanhollen.senate.gov>; Denius, Homer R III CAPT USN NSA ANNAPOLIS MD (USA) <(b) (6) .mil@us.navy.mil>; (b) (6) CIV USN NSA ANNAPOLIS MD (USA) (b) (6) .civ@us.navy.mil>; (b) (6) CIV USN NSA ANNAPOLIS MD (USA) (b) (6) .civ@us.navy.mil>; (b) (6) CIV USN CNIC WASHINGTON DC (USA) (b) (6) .civ@us.navy.mil>
Subject: RE: meeting to discuss Greenbury Point proposed project

Hi (b) (6),

Thank you for taking the time to reach out again. My apologies for the delayed response.

To date, the only action that has taken place is the Naval Academy Golf Association (NAGA) wrote a letter, dated February 1, 2022, to the Secretary of the Navy requesting the Secretary grant a sole source negotiated lease agreement with the Navy. The Navy responded to that letter on May 6, 2022, directing NAGA to submit their request via the Naval Support activity Annapolis Public Works Department. As of today, we have not received a submittal from NAGA but are expecting one in the future.

Once received, the submittal will go through several levels of review, with approval or disapproval to be made by the Assistant Secretary of the Navy for Energy, Installations and Environment. The pending request from NAGA will only discuss the request for sole source leasing authority. I do not have information to answer the questions regarding environmental impact or specific plans for a golf course. If you would like to schedule a call to discuss the process for a sole source request, I would be happy to talk with you.

Very respectfully,

(b) (6)

(b) (6)

Installation Community Planning Liaison Officer
Naval Support Activity Annapolis
181 Wainwright Rd., USNA
Annapolis, MD 21402
Office: 410 (b) (6)
Email: (b) (6) [.civ@us.navy.mil](mailto:(b) (6).civ@us.navy.mil)

From: (b) (6) (Van Hollen) <Jessica_Klaitman@vanhollen.senate.gov>
Sent: Friday, June 10, 2022 9:04 AM
To: (b) (6) USN COMNAVFACENGCOM DC (USA) <(b) (6) [.civ@us.navy.mil](mailto:(b) (6).civ@us.navy.mil)>
Cc: (b) (6) (Van Hollen) (b) (6) [@vanhollen.senate.gov](mailto:(b) (6)@vanhollen.senate.gov)>
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: meeting to discuss Greenbury Point proposed project

Dear (b) (6)

I hope that you are doing well. I am writing to follow up on our request to speak. Senator Van Hollen remains interested in your perspective on this proposal. Will you please let me know a date next week when we may meet (virtually)?

Thank you very much,

(b) (6)

(b) (6)

667 (b) (6) (office)
202 (b) (6) (mobile)

From: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) (b) (6) [civ@us.navy.mil](mailto:(b) (6).civ@us.navy.mil)>
Sent: Tuesday, May 31, 2022 3:26 PM
To: (b) (6) (b) (6) [@vanhollen.senate.gov](mailto:(b) (6)@vanhollen.senate.gov)>
Cc: (b) (6) <(b) (6) [@vanhollen.senate.gov](mailto:(b) (6)@vanhollen.senate.gov)>
Subject: RE: meeting to discuss Greenbury Point proposed project

Hi (b) (6),

Thank you for reaching out. I would be glad to connect for purposes of sharing information and the status of the Naval Academy Golf Association request to construct a golf course on Greenbury Point.

I am routing your request below through my legislative affairs office and will be back in touch soonest to schedule a call.

Very respectfully,

(b) (6)

Installation Community Planning Liaison Officer
Naval Support Activity Annapolis
181 Wainwright Rd., USNA
Annapolis, MD 21402
Office: 410 (b) (6)
Email: (b) (6).civ@us.navy.mil

From: (b) (6) <(b) (6).civ@us.navy.mil>
Sent: Thursday, May 26, 2022 8:35 PM
To: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) <(b) (6).civ@us.navy.mil>
Cc: (b) (6) <(b) (6).civ@us.navy.mil>
Subject: [URL Verdict: Neutral][Non-DoD Source] meeting to discuss Greenbury Point proposed project

Dear Ms. (b) (6)

I am writing to ask if you might be available next week to have a conversation with me and my colleague, (b) (6), about the proposed golf course project at Greenbury Point. Senator Van Hollen is interested in hearing your perspective on this proposal. Will you please let me know if you are available to meet, and suggest a few times that work for you?

We look forward to speaking with you.

Thank you,

(b) (6)

(b) (6)

Office of U.S. Senator Chris Van Hollen
667 (b) (6) (office)

2021 (b) (6) (mobile)

(b) (6) [@vanhollen.senate.gov](mailto:(b)(6)@vanhollen.senate.gov)

www.vanhollen.senate.gov



From: (b) (6)
To: (b) (6) -OAH- (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: [URL Verdict: Unknown][Non-DoD Source] RE: meeting re: Greenbury Point proposed golf course
Date: Friday, May 6, 2022 1:45:22 PM

(b) (6)

I'm unable to confirm the meeting at this time. I did notify some people on our end that our intention was to hold a meeting Tuesday – that is my email quoted in the article – but held off on sending an announcement or invitation until I knew we were clear to proceed. I've since been notified that we may not be able to hold the meeting, and I'm working to get further clarification.

My email to you is drafted and ready to go once we are cleared to announce a meeting. I will let you know as soon as it is.

My apologies for the starts and stops, but this has become a much more complicated process than our intention of sharing our exploratory concepts with our neighbors.

Thanks.

(b) (6)

From: (b) (6) -OAH- <>
Sent: Friday, May 6, 2022 12:23 PM
To: (b) (6) [.civ@us.navy.mil](#); (b) (6) [@usna.edu](#)>
Subject: meeting re: Greenbury Point proposed golf course

Hello Ms (b) (6)

One of my neighbors forwarded to me the article in the link below. The article mentions a meeting this Tuesday at 7:00 at the indoor golf facility at the Brigade Sports Complex. It also says meeting information will be shared with the Providence and Pendennis Mount Communities.

I have not received any information about this meeting. Is it this Tuesday May 10, 2022? I have been getting bombarded with questions about this project for weeks, especially this week. I will share any information you provide with my community (East Pendennis Mount).

Thank you, (b) (6)

https://www.annapoliscreative.com/can-the-u-s-navy-lease-the-land-at-greenbury-point-for-an-expansion-of-the-golf-course/?fbclid=IwAR0SaLP5RQsqlNjymC-Y_djaNRzcQHBk8c-UunpjknqOUExr2Psy4_J_kh0

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Please note my email address: (b) (6) @maryland.gov

CONFIDENTIALITY NOTICE: *This e-mail may contain confidential or privileged information. If you have received this e-mail in error, please notify the sender immediately by return e-mail, delete this e-mail and destroy any copies.*

From: (b) (6) CIV USN NAVFAC WASHINGTON DC (USA)
To: (b) (6) CIV NAVFAC Washington
Subject: FW: [URL Verdict: Neutral][Non-DoD Source] Re: 11th Hole Water Mitigation
Date: Thursday, April 20, 2023 8:23:44 AM
Attachments: [Golf Course GSEC Plans \(2\).pdf](#)

FYI

From: (b) (6) @usna.edu>
Sent: Thursday, March 9, 2023 8:40 AM
To: (b) (6)) CIV USN NAVFAC WASHINGTON DC (USA)
(b) (6) civ@us.navy.mil>
Cc: (b) (6) CIV USN NAVFAC WASHINGTON DC (USA)
(b) (6) .civ@us.navy.mil>
Subject: [URL Verdict: Neutral][Non-DoD Source] Re: 11th Hole Water Mitigation

Here are the plans from McCrone Engineering.

(b) (6)

On Thu, Mar 9, 2023 at 8:09 AM (b) (6) CIV USN NAVFAC WASHINGTON DC (USA) (b) (6) civ@us.navy.mil wrote:

Good morning (b) (6)

Can (b) (6) and I get a copy of the engineered drawings that you referred to in the meeting yesterday with Severn River Association?

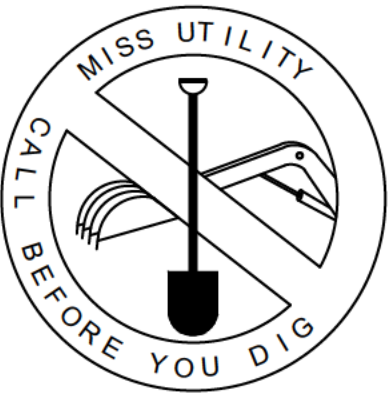
Kindest regards,

(b) (6), PE, CFM
Deputy Public Works Officer
NSA Annapolis
Naval Facilities Engineering Systems Command
Office: (410) (b) (6)
Mobile: (202) (b) (6)

--

(b) (6) CGCS | Golf Course Superintendent
United States Naval Academy Golf Club
64 Greenbury Point Rd | Annapolis, MD
C 517 (b) (6) | O 410 (b) (6)
(b) (6) @usna.edu

Plotted: Jan 06, 2023 - 11:31am C:_2022\C2220058_USNAA_Golf course drainage repairs_vnw\CAD\ENG-Production\C2220058_Grading-ESC Plans.dwg.....Tab:GP-0.00



CALL MISS UTILITY (TOLL FREE)
THREE WORKING DAYS BEFORE THE
START OF WORK
AT 1-800-257-7777 OR DIAL 811

NAVAL ACADEMY GOLF COURSE DRAINAGE REPAIRS

GRADING, EROSION & SEDIMENT CONTROL PLAN
64 GREENBURY POINT ROAD, ANNAPOLIS, MD 21402

INFORMATION STATEMENT

- 1a. OWNER/DEVELOPER

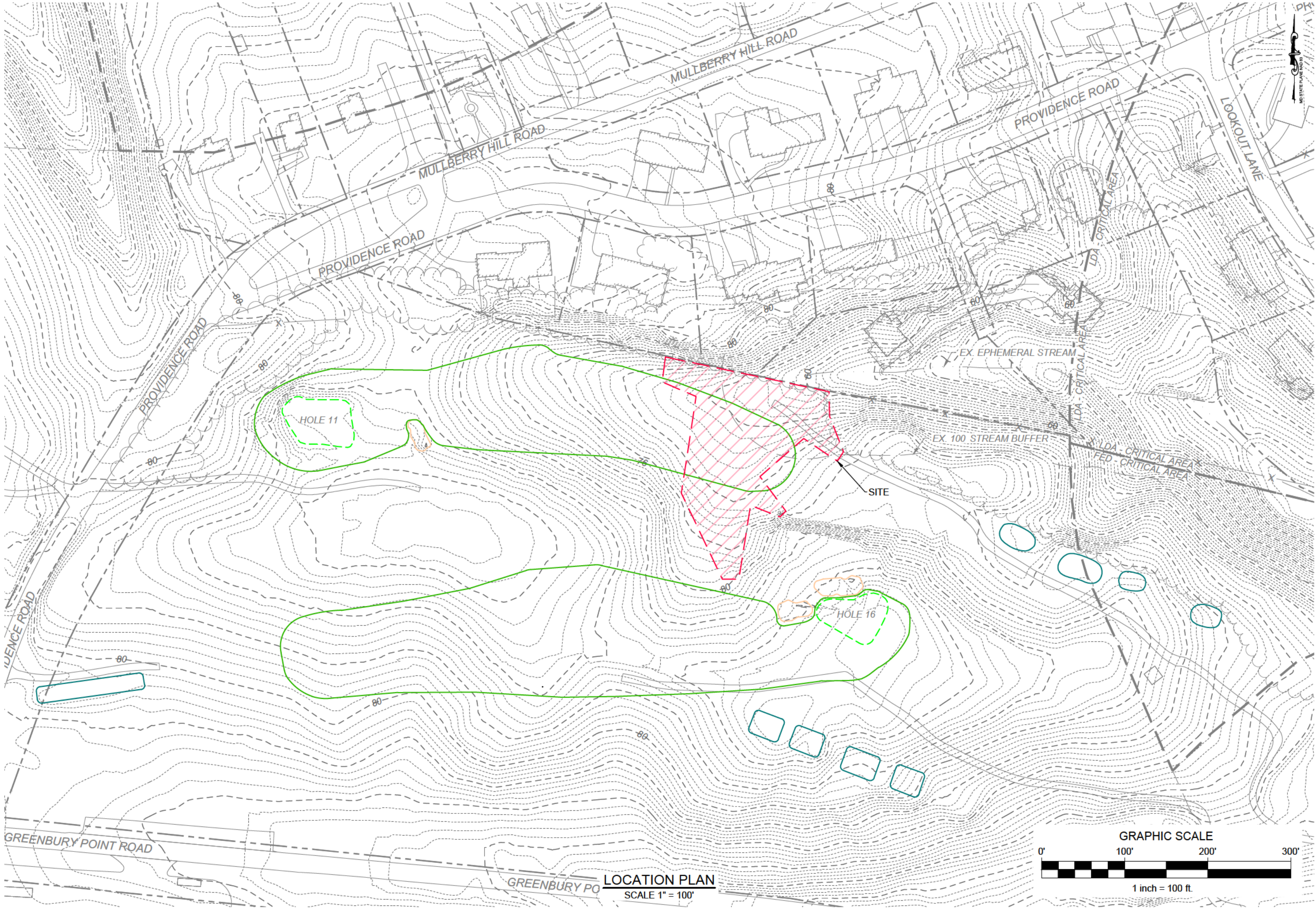
NAVAL ACADEMY GOLF ASSOCIATION
C/O ERIC DAVID
64 GREENBURY POINT ROAD
ANNAPOLIS, MD 21402
(517) 420-5647
EDAV.D@USNA.EDU
- 1b. DESIGN CONSULTANT

MCCRONE
C/O WILLIAM WARNOCK, P.E.
20 RIDGELY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 267-8621
BWARNOCK@MCCRONE-ENGINEERING.COM

2. BENCHMARK DATA (MARYLAND STATE PLANE NAD 83 - NAVD88)

GENERAL NOTES

- SITE AREA: 24,187 SQ. FT. OR 0.555 AC. ±
3. CUT VOLUME: 42 CY FILL VOLUME: 9 CY SPOIL VOLUME: 33 CY
4. DATUM
THE COORDINATES SHOWN HEREON WERE ESTABLISHED USING CONVENTIONAL AND GPS OBSERVATIONS BASED ON THE MARYLAND COORDINATE SYSTEM NAD83 (2011) DATUM, USING TRIMBLE'S REAL-TIME KEYNET GPS AND VIRTUAL REFERENCE STATION SYSTEM (VRS).
5. BOUNDARY
THE BOUNDARY LINES SHOWN HEREON WERE TAKEN FROM ANNE ARUNDEL COUNTY GIS.
6. TOPOGRAPHY
THE TOPOGRAPHY SHOWN HEREON IS BASED UPON A FIELD RUN SURVEY BY MCCRONE FROM AUGUST 2022. THE FIELD RUN TOPOGRAPHY IS SUPPLEMENTED WITH ANNE ARUNDEL COUNTY 1-FOOT CONTOURS BEYOND THE SUBJECT PROPERTY BOUNDARY LINE AS NECESSARY.
7. LOCATION
THE LOCATION SHOWN HEREON IS BASED UPON A FIELD RUN SURVEY BY MCCRONE FROM AUGUST 2022.
8. STREAM
THERE IS AN EXISTING EPHEMERAL STREAM WITHIN 100 FT OF THE SUBJECT AREA.
9. FEMA FLOODPLAIN
PER FEMA FIRM MAP 24003C0252F, MAP EFFECTIVE 2/18/2015, THIS SITE IS NOT LOCATED WITHIN A FLOODPLAIN.
10. CRITICAL AREA
THE SITE LIES OUTSIDE OF THE CHESAPEAKE BAY CRITICAL AREA.
11. WETLANDS
THERE ARE NO WETLANDS INDICATED ON THE SITE, ACCORDING TO ANNE ARUNDEL COUNTY GIS.
12. GREENWAYS
THERE ARE NO GREENWAYS LOCATED ON SITE AND NO GREENWAYS ADJACENT TO THE SITE.
13. SCENIC AND HISTORIC ROADS
NO ROADS ON OR ADJACENT TO THE SITE ARE ON THE SCENIC AND HISTORIC ROAD INVENTORY (2005 EDITION).



EROSION AND SEDIMENT CONTROL GENERAL NOTES:

MDE REQUIRES THAT THESE NOTES, IN THEIR ENTIRETY, BE INCLUDED ON THE EROSION AND SEDIMENT CONTROL PLAN. IT IS RECOGNIZED THAT EVERY NOTE MAY NOT APPLY TO ALL PROJECTS. THE REQUIREMENT OF ANY INDIVIDUAL NOTE NOT APPLICABLE TO THE SUBJECT PROPERTY IS NOT BINDING UPON THE APPLICANT OR THE APPLICANT'S CONTRACTOR.

- THE CONTRACTOR SHALL NOTIFY MDE AT (410) 537-3510 SEVEN (7) DAYS BEFORE COMMENCING AND LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY MDE, SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN THE REPRESENTATIVES AND A REPRESENTATIVE OF MDE.
- THE CONTRACTOR MUST NOTIFY MDE IN WRITING AND BY TELEPHONE THE FOLLOWING POINTS:
 - THE REQUIRED PRE-CONSTRUCTION MEETING.
 - FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
 - DURING THE INSTALLATION OF SEDIMENT BASINS (TO BE CONVERTED INTO PERMANENT STORMWATER MANAGEMENT STRUCTURES) AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN), NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY.
 - PRIOR TO REMOVAL OF MODIFICATION OR ANY SEDIMENT CONTROL STRUCTURE(S).
 - PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.
 - PRIOR TO FINAL ACCEPTANCE.
- THE PLAN APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS, AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS OF MDE AND THE AGENCY RESPONSIBLE FOR THE PROJECT.
- THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE AND SHALL HAVE THEM INSPECTED AND APPROVED BY THE MDE INSPECTOR PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES. MINOR SEDIMENT CONTROL DEVICE LOCATION ADJUSTMENTS MAY BE MADE IN THE FIELD WITH THE APPROVAL OF THE MDE INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES AND SHALL NOT REMOVE ANY EROSIONS OR SEDIMENT CONTROL MEASURES WITHOUT PRIOR PERMISSION FROM THE MDE INSPECTOR. THE CONTRACTOR MUST OBTAIN PRIOR AGENCY AND MDE APPROVAL FOR CHANGES TO THE SEDIMENT CONTROL PLAN AND/OR SEQUENCE OF CONSTRUCTION.
- THE MDE INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.
- THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIALS DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.
- THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN AN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIMES AS THEY ARE REMOVED WITH PRIOR PERMISSION FROM THE MDE INSPECTOR.
- EROSION AND SEDIMENT CONTROL FOR UTILITY CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH APPROVED PLANS. UTILITY CONSTRUCTION SHALL ONLY BE FOR AREAS WITHIN THE DELINEATED LIMIT OF DISTURBANCE. CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK WHEN SAME DAY STABILIZATION IS APPROVED.
 - EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
 - TRENCHED FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED, AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCH SHALL BE OPENED THAN CAN BE COMPLETED IN THE SAME DAY.

- ALL WATER REMOVED FROM EXCAVATED AREAS SHALL BE PASSED THROUGH AN MDE APPROVED DEWATERING PRACTICE OR PUMPED TO A SEDIMENT TRAP OR BASIN PRIOR TO DISCHARGE TO A FUNCTIONAL STORM DRAIN SYSTEM OR TO STABLE GROUND SURFACE.
- CONCRETE WASHOUT STRUCTURES SHALL BE USED WHEN CONCRETE TRUCKS, DRUMS, PUMPS, CHUTES OR OTHER EQUIPMENT IS RINSED OR CLEANED ON-SITE.
- CONSTRUCTION ACTIVITIES PRODUCING DUST SHALL IMPLEMENT CONTROL MEASURES TO AVOID THE SUSPENSION OF DUST PARTICLES AND/OR PREVENT DUST FROM BLOWING OFF-SITE OR TO AREAS WITHOUT TREATMENT.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PER-METER CONTROLS, DIKES, SWALES, DITCHES, PER-METER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
 - SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
- VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SOODING, AND GROUND COVERS.
- WHEN SEEDING, ALL DISTURBED AREAS WITH SLOPES FLATTER THAN 2:1 SHALL BE STABILIZED WITH 4 INCHES OF TOPSOIL, SEED, AND MULCH. ALL DISTURBED AREAS WITH SLOPES 2:1 OR STEEPER SHALL BE STABILIZED WITH MATTERING OVER 2 INCHES OF TOPSOIL AND SEED.
- ALL SEDIMENT BASINS, TRAP EMBANKMENTS AND SLOPES, PERIMETER DIKES, SWALES, AND ALL DISTURBED SLOPES OR EQUAL TO 3:1 SHALL BE STABILIZED WITH SEED AND ANCHORED STRAW MULCH, SOOD, OR OTHER APPROVED STABILIZATION MEASURES, AS SOON AS POSSIBLE BUT NO LATER THAN THREE (3) CALENDAR DAYS AFTER ESTABLISHMENT. ALL AREAS DISTURBED OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM SHALL BE MINIMIZED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUOUS STABILIZATION.
- PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITH SEED AND AN APPROVED EROSION CONTROL MATTING, SOOD, R-P-RAP, OR OTHER APPROVED STABILIZATION MEASURES.
- FOR STOCKPILE SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), THE CONTRACTOR SHALL APPLY SEED AND ANCHORED STRAW MULCH, SOOD, OR OTHER APPROVED STABILIZATION MEASURES TO THE FACE OF THE STOCKPILE WITHIN THREE (3) CALENDAR DAYS OF ACTIVITY HAVING CEASED ON THE RESPECTIVE FACE. FOR SLOPES 3:1 OR FLATTER, THE CONTRACTOR SHALL APPLY STABILIZATION MEASURES TO THE FACE OF THE STOCKPILE WITHIN SEVEN (7) CALENDAR DAYS OF ACTIVITY HAVING CEASED ON THE RESPECTIVE FACE. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.
- FOR FINISHED GRADING, THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS TO PREVENT WATER FROM PONDING FOR MORE THAN TWENTY-FOUR (24) HOURS AFTER THE END OF A RAINFALL EVENT. DRAINAGE COURSES AND SWALE FLOW AREAS MAY TAKE AS LONG AS FORTY-EIGHT (48) HOURS AFTER THE END OF A RAINFALL EVENT TO DRAIN. AREAS DESIGNED TO HAVE STANDING WATER SHALL NOT BE REQUIRED TO MEET THIS REQUIREMENT.

- WHERE DEEMED APPROPRIATE BY THE ENGINEER OR INSPECTOR, SEDIMENT BASINS AND TRAPS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS. THE DEVELOPER OR OWNER SHALL CHECK WITH LOCAL BUILDING OFFICIALS ON APPLICABLE SAFETY REQUIREMENTS. WHERE SAFETY FENCE IS DEEMED APPROPRIATE AND LOCAL ORDINANCES DO NOT SPECIFY FENCE SIZES AND TYPES, THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE MUST BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE MUST BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.
- ALL SEDIMENT TRAP DEPTH DIMENSIONS ARE RELATIVE TO THE OUTLET ELEVATION. ALL TRAPS SHALL HAVE A STABLE OUTFALL. ALL TRAPS AND BASINS SHALL HAVE STABLE INFLOW POINTS.
- SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OR BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE TRAP OR BASIN BOTTOM TO THE CREST OF THE OUTFALL.
- SEDIMENT REMOVED FROM THE TRAPS (AND BASINS) SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND OR TREE-SAVE AREA. WHEN PUMPING SEDIMENT LOADED WATER, THE DISCHARGE SHALL BE DIRECTED TO AN MDE APPROVED SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.
- PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREAS USING SOOD OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHERE THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN DONE TO PROMOTE SHEET FLOW DRAINAGE. AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE, BUT NO LATER THAN THREE (3) CALENDAR DAYS AFTER ESTABLISHMENT FOR SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) CALENDAR DAYS FOR FLATTER SLOPES. WHEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS OF NOVEMBER THROUGH FEBRUARY, AND PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, TEMPORARY SEED AND ANCHORED STRAW MULCH SHALL BE APPLIED TO DISTURBED AREAS. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE APPLIED BY MARCH 15 OR EARLIER IF GROUND AND WEATHER CONDITIONS ALLOW.
- TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED WITH PERMISSION OF THE MDE INSPECTOR WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING NO ESTABLISHMENT OF PERMANENT STABILIZATION. ALL CONTRIBUTORY DRAINAGE AREAS, UPON REMOVAL OF SEDIMENT CONTROL DEVICES, THE AREA DISTURBED BY REMOVAL SHALL BE STABILIZED WITH TOPSOIL, SEED, AND MULCH, OR AS SPECIFIED, WITHIN 24 HOURS OF SAID REMOVAL. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.
- OFF-SITE SPOIL OR BORROW AREAS ON STATE OR FEDERAL PROPERTY SHALL HAVE PRIOR APPROVAL BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. ALL WASTE AND BORROW AREAS OFF-SITE SHALL BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.
- SITE INFORMATION:

A. AREA DISTURBED	0.55	ACRES
B. TOTAL CUT	42	CUBIC YARDS
C. TOTAL FILL	9	CUBIC YARDS
D. TOTAL SPOIL	33	CUBIC YARDS

SEQUENCE OF CONSTRUCTION

- NOTIFY MDE/WMA COMPLIANCE MUST BE CONTACTED (410-537-3100) AT LEAST 7 DAYS BEFORE WORK BEGINS TO REQUEST A PRE-CONSTRUCTION MEETING. WORK MAY NOT COMMENCE UNTIL THE PERMITTEE OR THE RESPONSIBLE PERSONNEL HAVE MET ON SITE WITH THE SEDIMENT AND EROSION CONTROL INSPECTOR TO REVIEW THE APPROVED PLANS. 7 DAYS
- CLEAR AND GRUB THE MINIMUM AREA NECESSARY TO INSTALL PER-METER CONTROLS, CONSTRUCT AND STABILIZE SILT FENCE AND SUPER SILT FENCE. 1 WEEK
 - ONCE SEDIMENT CONTROLS HAVE BEEN INSTALLED, CONTACT THE INSPECTOR FOR APPROVAL OF SEDIMENT CONTROL INSTALLATION (AND IF NEEDED MONITORING STAKE INSTALLATION BELOW THE OUTFALLS) PRIOR TO COMMENCING WORK. INSPECTIONS AND PERMITS MAY REQUIRE THAT AN INSPECTION AND CERTIFICATION OF THE INSTALLATION OF SEDIMENT CONTROL ALSO BE PERFORMED BY A DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION COMMENCING. 3 DAYS
- CLEAR AND GRUB THE REMAINDER OF THE AREA WITHIN THE LIMITS OF DISTURBANCE, INCLUDING CART PATH DEMOLITION, AND STRIPPING OF TOPSOIL. ALL EXCAVATED MATERIAL SHALL BE PLACED IN THE NOTED STOCKPILE AREA. 3 DAYS
 - COMMENCE EXCAVATION AND ROUGH GRADING. INSTALL DRAINAGE SYSTEM AND CONSTRUCT THE SWM DEVICE. 1 WEEK
- REPLACE TOPSOIL AND STABILIZE ALL VEGETATED AREAS WITH SEED (OR SOOD). 2 DAYS
- WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE REMAINING SEDIMENT CONTROLS, STABILIZE REMAINING AREAS AND INSTALL FINAL LANDSCAPING. 3 DAYS

OWNER'S / DEVELOPER'S CERTIFICATION

I/WE HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY STATE OF MARYLAND, DEPARTMENT OF THE ENVIRONMENT, COMPLIANCE INSPECTORS.

DATE: _____ OWNER / DEVELOPER SIGNATURE: _____
CARD NO. _____ PRINTED NAME AND TITLE: _____

DESIGN CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL, THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I & II AND THE MARYLAND DEPARTMENT OF THE ENVIRONMENT EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT REGULATIONS.

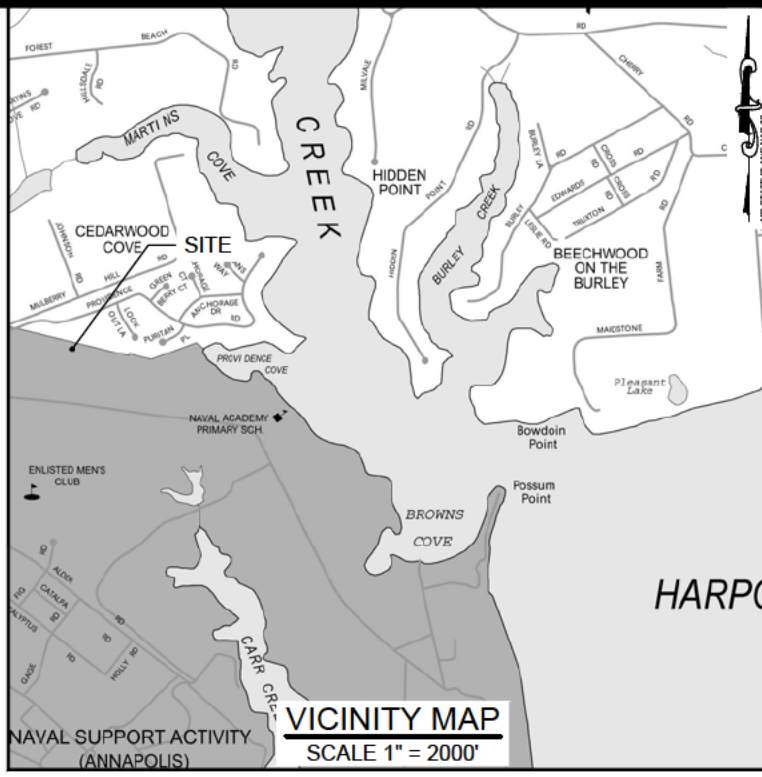
DATE: _____ DESIGNER'S SIGNATURE: _____
MD REGISTRATION NO. 16991 WILLIAM R. WARNOCK
P.E., R.L.S., R.L.A., OR R.A. (CIRCLE ONE) PRINTED NAME

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16991, EXPIRATION DATE: 07/13/2024.

INDEX OF DRAWINGS	
SHEET NUMBER	SHEET NAME
GP-0.00	COVER SHEET
GP-1.00	EXISTING CONDITIONS
GP-2.00	SITE LAYOUT & GRADING PLAN
GP-2.01	SWM DEVICE NOTES & DETAILS
GP-3.00	SEDIMENT AND EROSION CONTROL PLAN
GP-3.01	SEDIMENT AND EROSION CONTROL SPECIFICATIONS
GP-4.00	EXISTING DRAINAGE AREA MAP
GP-4.01	PROPOSED DRAINAGE AREA MAP

STANDARD STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PER-METER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.



REVISIONS	
REV. #	DESCRIPTION

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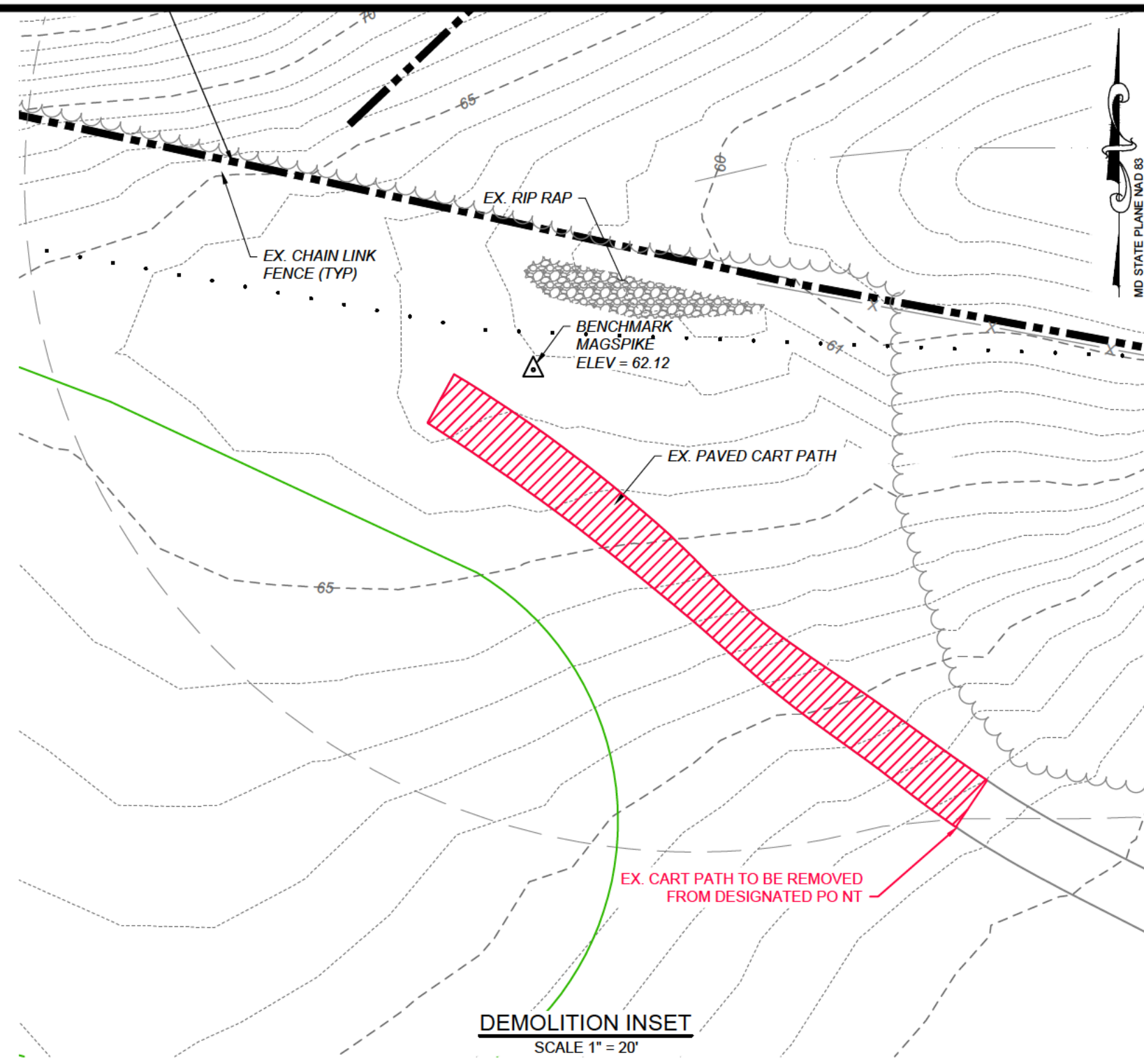
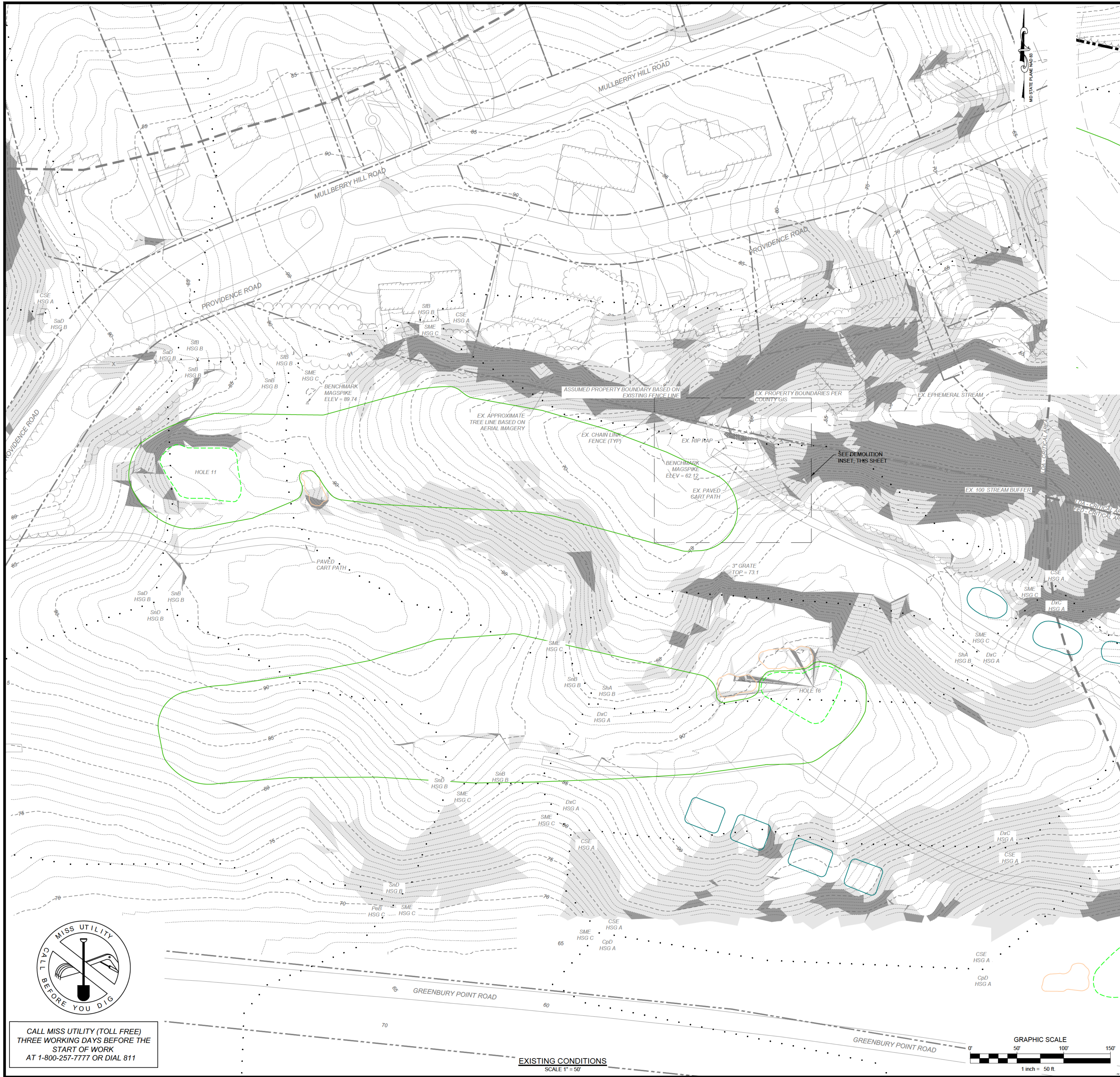
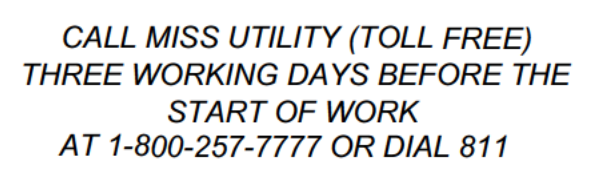
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DATE: DECEMBER 2022	JOB NUMBER: C2220058	SCALE: AS SHOWN	DRAWN BY: SNK	DESIGNED BY: SNK	APPROVED BY: WRW
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FOR:
NAVAL ACADEMY GOLF ASSOCIATION
US NAVAL ACADEMY GOLF COURSE
64 GREENBURY POINT ROAD, ANNAPOLIS, MD 21402
3RD DISTRICT, ANNE ARUNDEL COUNTY
PREPARED FOR: ERIC DAVID

SHEET NO.: **GP-0.00**

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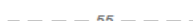




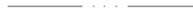













FEATURES SHOWN ON THE EXISTING SITE CONDITIONS AND RESOURCE MAPPING SHEETS ARE THE RESULT OF A FIELD RUN SURVEY BY MCCRONE IN AUGUST OF 2022, AREAS OUTSIDE THE IMMEDIATE SUBJECT AREA ARE BASED UPON ANNE ARUNDEL COUNTY GIS DATA, ACCESSED AUGUST OF 2022.



PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A DUL
LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF
MARYLAND.
PRINTED NAME: William R. Warnock
16991 07/15/2024
LICENSE NO. EXPIRATION DATE

LEGEND

PROPERTY BOUNDARY LINE	
MAJOR CONTOUR	
MINOR CONTOUR	
SOIL TYPE BOUNDARY	
SOIL TYPE & HYDROLOGIC SOIL GROUP	
WOODED AREA BOUNDARY	
STREAM	
LIMITS OF STREAM BUFFER	
BUILDING OUTLINE	
LIMITS OF CRITICAL AREA	
ROAD/DRIVEWAY/CART PATH	
FENCE LINE	
GREENS	
TEEING GROUND	
BUNKER	
FAIRWAY	
SLOPES OF 15-25%	
SLOPES >25%	

SOILS LEGEND			
SYMBOL	NAME	SLOPES	HSG
CSE	COLLINGTON-WIST & WESTPHALIA SOILS	15-25%	A
DxC	DOWNER-PHALANX COMPLEX	5-10%	A
StB	SASSAFRAS LOAM	2-5%	B
ShA	SASSAFRAS-HAMBROOK COMPLEX	0-2%	B
SME	SASSAFRAS AND CROOM SOILS	15-25%	C
SnB	SASSAFRAS-URBAN LAND COMPLEX	0-5%	B
SnD	SASSAFRAS-URBAN LAND COMPLEX	5-15%	B

NOTE: SOILS THAT ARE BEING DISTURBED BY THIS PROJECT ARE SHADED IN THIS TABLE

[illegible]

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EXISTING CONDITIONS

FOR:

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US NAVAL ACADEMY GOLF COURSE
64 GREENBURY POINT ROAD, ANNAPOLIS, MD 21402

3RD DISTRICT, ANNE ARUNDEL COUNTY

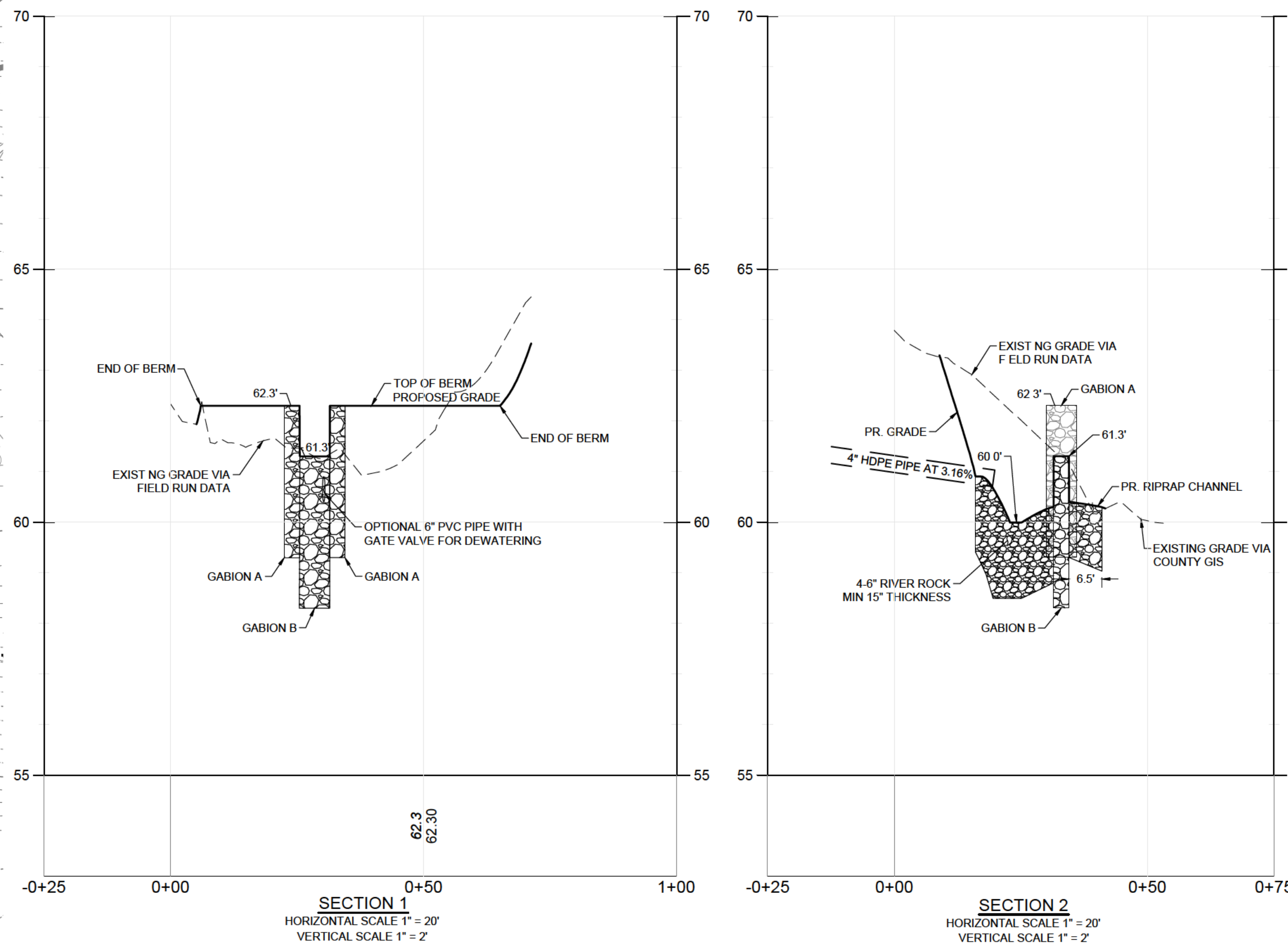
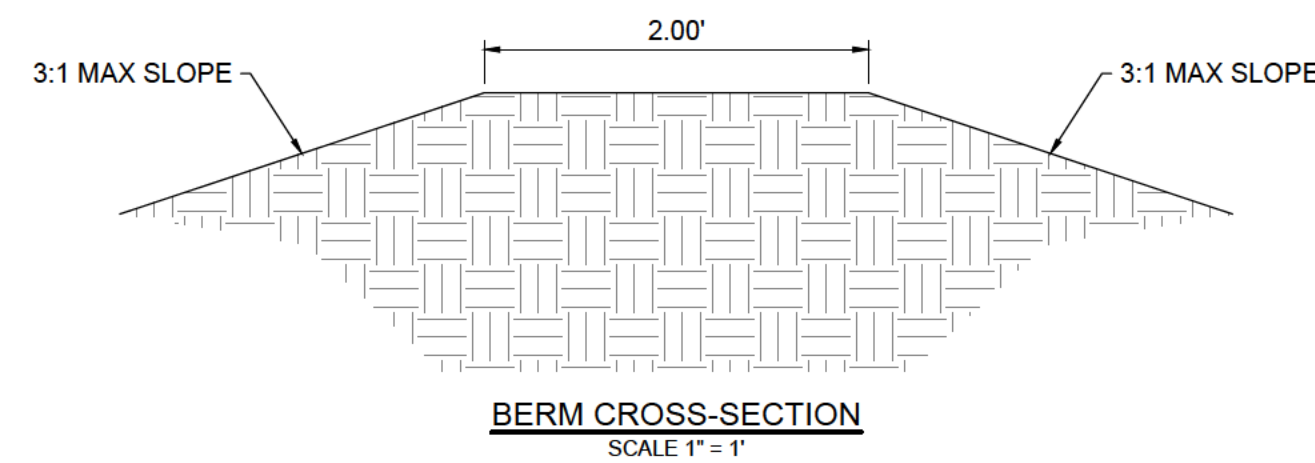
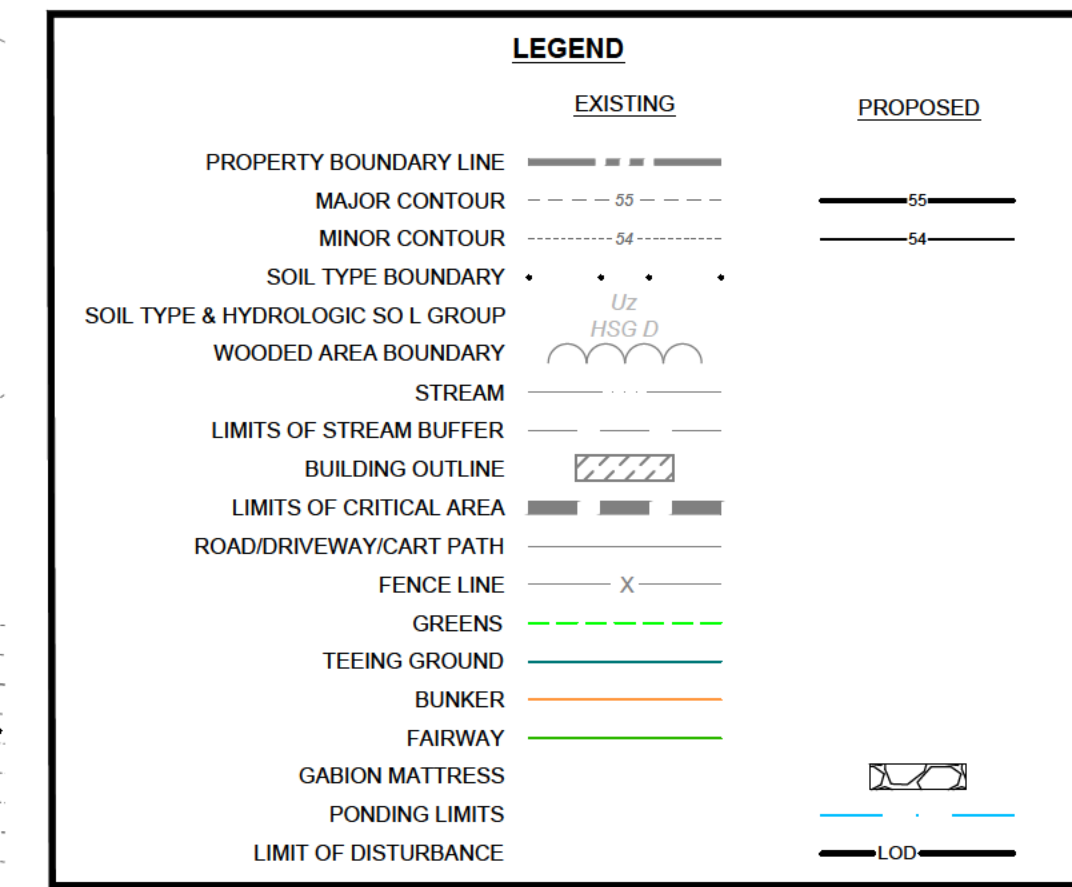
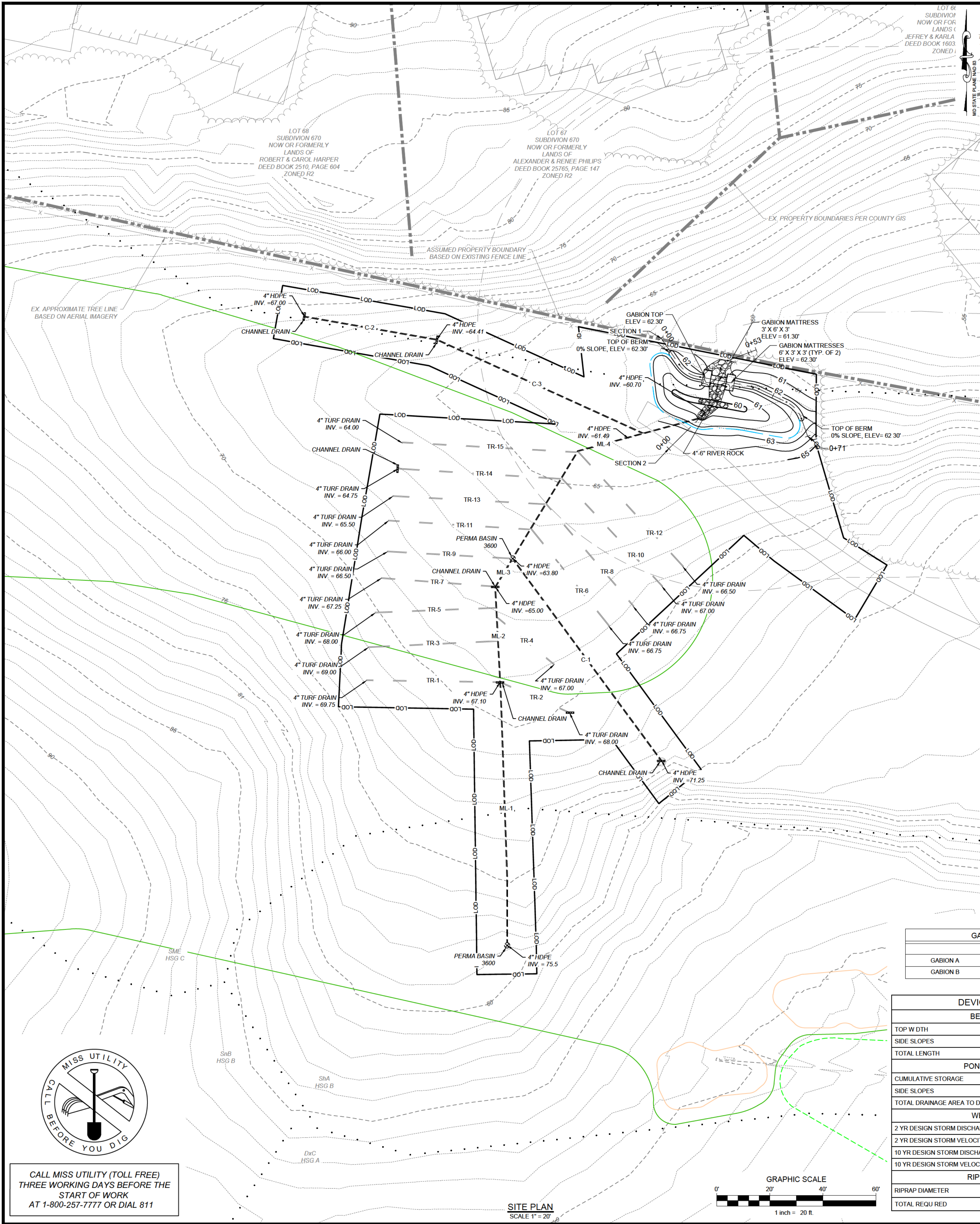
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GABION MATTRESS INDEX		
	SIZ NG	QUANTITY
GABION A	3' X 6' X 3'	1
GABION B	6' X 3' X 3'	2

DEVICE SPECIFICATIONS	
BERM SPECIFICATIONS	
TOP W DTH	2 FT
SIDE SLOPES	3:1
TOTAL LENGTH	47 FT
PONDING SPECIFICATIONS	
CUMULATIVE STORAGE	1,795 CF
SIDE SLOPES	3:1
TOTAL DRAINAGE AREA TO DETENTION BASIN	215.56 SF
WEIR SPECIFICATIONS	
2 YR DESIGN STORM DISCHARGE	4.38 CF/S
2 YR DESIGN STORM VELOCITY	2.05 FT/S
10 YR DESIGN STORM DISCHARGE	13.12 CF/S
10 YR DESIGN STORM VELOCITY	3.05 FT/S
RIPRAP SPECIFICATIONS	
RIPRAP DIAMETER	6 IN
TOTAL REQU RED	2.15 TONS

PIPE NUMBER	INV. IN (FT)	INV. OUT (FT)	GRADIENT	LENGTH (LF)
ML - 1	75.50	67.10	0.0353	237.8
ML - 2	67.10	65.00	0.0585	35.9
ML - 3	65.00	63.80	0.0960	12.5
ML - 4	63.80	60.70	0.0317	97.9
C - 1	71.25	63.80	0.0788	94.5
C - 2	67.00	64.41	0.0510	50.8
C - 3	64.41	61.49	0.0343	85.1
TR - 1	69.75	67.10	0.0527	50.3
TR - 2	68.00	67.10	0.0316	28.5
TR - 3	69.00	66.21	0.0571	48.9
TR - 4	67.00	65.67	0.0475	28.0
TR - 5	68.00	65.47	0.0555	45.6
TR - 6	66.75	63.30	0.0734	47.0
TR - 7	67.25	65.00	0.0523	43.0
TR - 8	66.75	62.87	0.0785	50.7
TR - 9	66.50	63.80	0.0573	47.1
TR - 10	67.00	62.43	0.0822	55.6
TR - 11	66.00	63.30	0.0506	53.4
TR - 12	66.50	61.96	0.0773	58.7
TR - 13	65.50	62.87	0.0457	57.5
TR - 14	64.75	62.43	0.0377	61.5
TR - 15	64.00	61.96	0.0310	65.9

[illegible]

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SITE LAYOUT AND GRADING PLAN

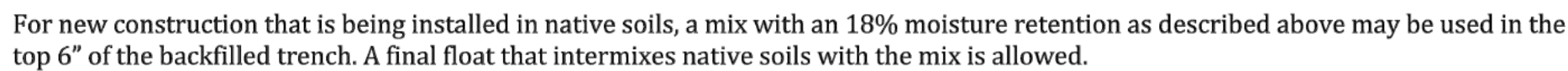
FOR:

NAVAL ACADEMY GOLF ASSOCIATION
US NAVAL ACADEMY GOLF COURSE
64 GREENBURY POINT ROAD, ANNAPOLIS, MD 21402
3RD DISTRICT, ANNE ARUNDEL COUNTY

PREPARED FOR: ERIC DAVID

SHEET NO.: GP-2.00

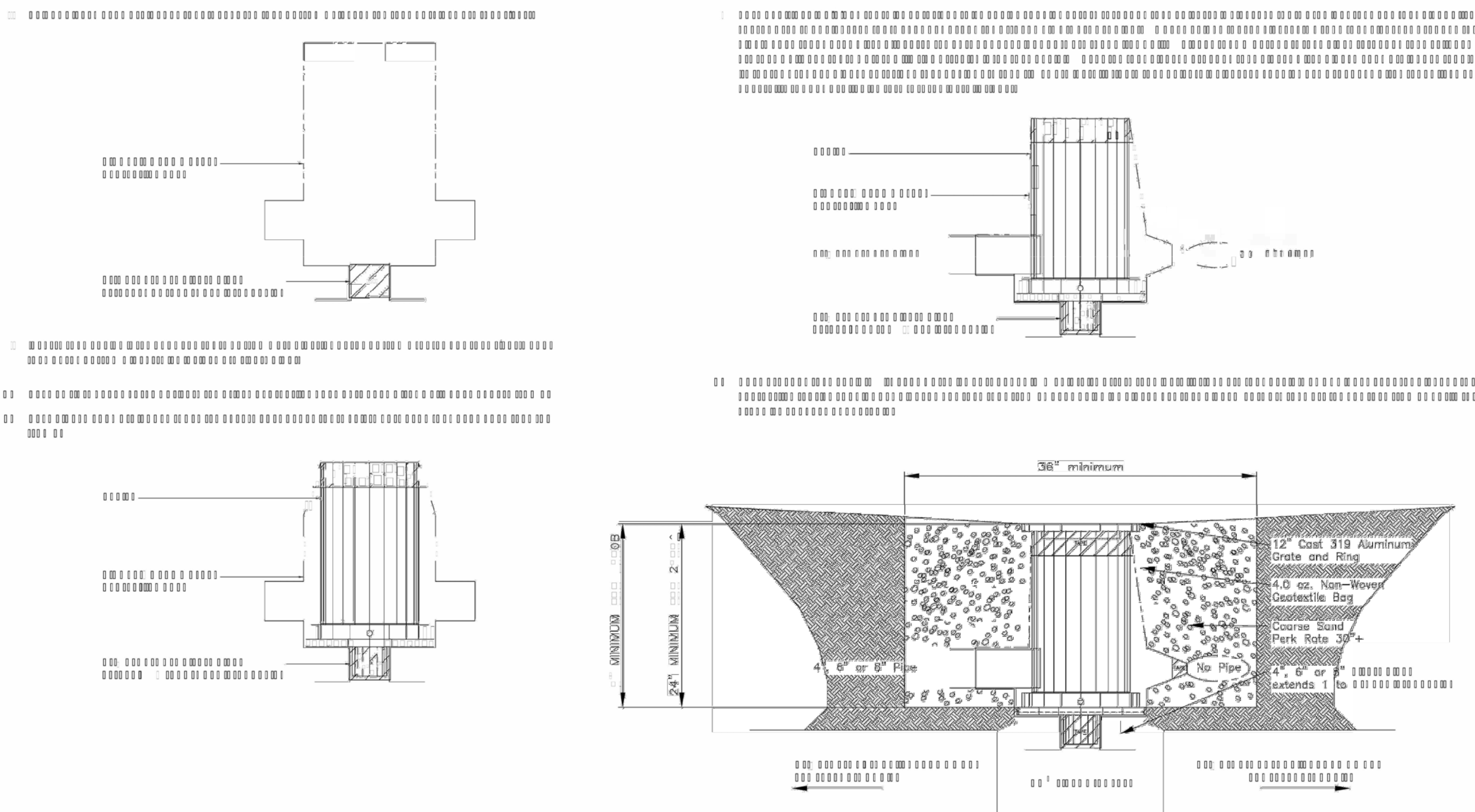
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Turf Drain can be placed against alternating walls. The contractor ***does not have to*** place the Turf Drain in the center of the trench at all times. The contractor may pin the Turf Drain against alternating walls with sand, approximately every 5 to 8 feet. This procedure will assure that the Turf Drain material will have a sufficient amount of area where the sand is on both sides of the material. Once the material has been pinned against the walls, the trench can be backfilled. It is recommended that a TyCrip or another type of conveyor type material handler be used for this purpose. This will save labor versus trying to keep the Turf Drain standing up vertically in the center of the trench throughout the installation.

Upper ends of the Turf Drain lines must be properly sealed with pipe tape to prevent contamination from entering the system. This is equivalent to using an end cap on a 4" pipe.

B-Models are for new construction.
B-Models include: a bag with opening to set basin on top of risers, a hard bottom to set basin on riser, and special hardware package.



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US NAVAL ACADEMY GOLF COURSE
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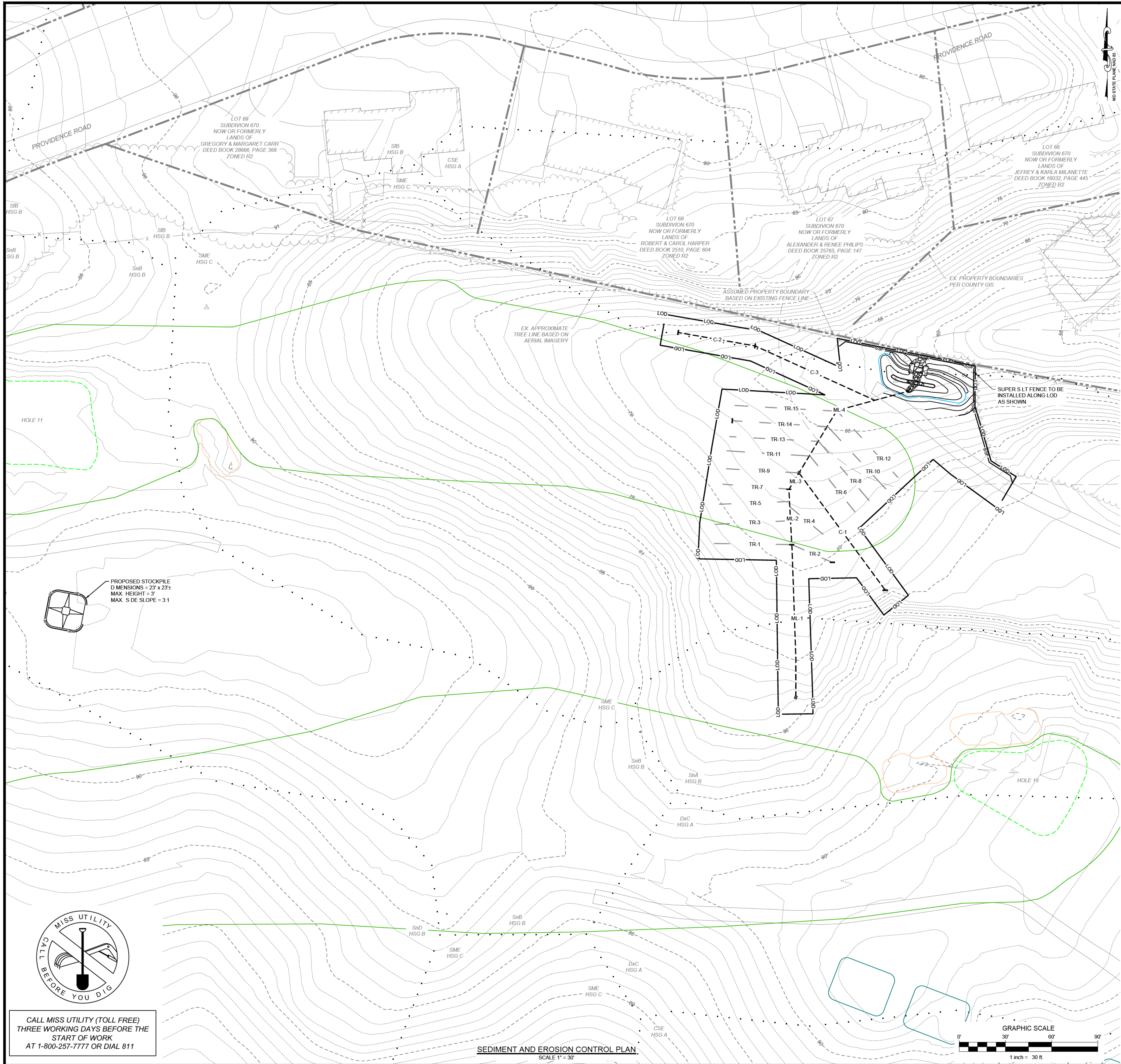
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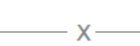
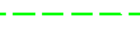







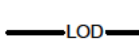
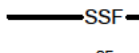





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SEDIMENT & EROSION CONTROL	
	(LF)
SILT FENCE	77
SUPER SILT FENCE	177

HYDROLOGIC SOILS AND IMPERVIOUS COVERAGE TABLE	
TOTAL SITE AREA:	0.55 ACRES
SITE AREA BY HYDROLOGIC SOILS GROUP (HSG)	
HSG A:	0.05 ACRES
HSG B:	0.03 ACRES
HSG C:	0.47 ACRES
HSG D:	0.00 ACRES
IMPERVIOUS COVERAGE	
EXISTING COVERAGE:	0.02 ACRES
PROPOSED COVERAGE:	0.00 ACRES
RATIO OF COVERAGE TO TOTAL AREA	
EXISTING:	3.6%
PROPOSED:	0.0%

	EXIST'NG	PROPOSED
PROPERTY BOUNDARY L NE	----	----
MAJOR CONTOUR	----- 55 -----	----- 55 -----
MINOR CONTOUR	----- 54 -----	----- 54 -----
SOIL TYPE BOUNDARY	•-----•	•-----•
SOIL TYPE & HYDROLOGIC SOIL GROUP		
WOODED AREA BOUNDARY		
STREAM		
LIMITS OF STREAM BUFFER		
BUILDING OUTLINE		
LIMITS OF CRITICAL AREA		
ROAD/DRIVEWAY/CART PATH		
FENCE LINE		
GREENS		
TEERING GROUND		
BUNKER		
FAIRWAY		
GABION MATTERESS		
POND NG LIMITS		
LIMIT OF DISTURBANCE		
SUPER S LT FENCE		
S LT FENCE		

NOTE

A STABILIZED CONSTRUCTION ENTRANCE AND ACCESS TO THE SITE HAVE NOT BEEN INCLUDED IN THE LIMIT OF DISTURBANCE AS ALL EQUIPMENT USED ON SITE WILL BE RUBBER-TRED AND LOW GROUND PRESSURE.

STANDARD STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PER METER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

MAINTENANCE
THE SCE MUST BE MAINTAINED IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. THIS MAY REQUIRE ADDING STONE OR MAKING OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN A CLEAN SURFACE, THE MOUNTABLE BERM, AND THE ADJACENT DRIVEWAYS. ALL STONE OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO THE ADJACENT ROADWAY MUST BE REMOVED IMMEDIATELY BY VACUUM NG, SCRAPING, AND/OR SWEEP NG. WASH NG THE ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS THE WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

1. CUT AND FILL SLOPES, STABILIZED WITH GRASSES, NO STEEPER THAN 2 L. (WHERE THE SLOPE IS TO BE MOWED, THE SLOPE SHOULD BE NO STEEPER THAN 3 L, BUT 4 L IS PREFERRED BECAUSE OF SAFETY FACTORS RELATED TO MOWING STEEP SLOPES.) SLOPES STEEPER THAN 2 L REQUIRE SPECIAL DESIGN AND STABILIZATION CONSIDERATIONS TO BE SHOWN ON THE PLANS.

- a. PROVIDE BENCHES WITH A MINIMUM WIDTH OF SIX FEET FOR EASE OF MAINTENANCE.
 - b. DESIGN BENCHES WITH A REVERSE SLOPE OF 6:1 OR FLATTER TO THE TOE OF THE UPPER SLOPE AND WITH A MINIMUM OF ONE FOOT IN DEPTH. GRADE THE LONGITUDINAL SLOPE OF THE BENCH BETWEEN 2 PERCENT AND 3 PERCENT, UNLESS ACCOMPANIED BY APPROPRIATE DESIGN AND COMPUTATIONS.
 - c. THE MAXIMUM ALLOWABLE FLOW LENGTH WITHIN A BENCH IS 800 FEET UNLESS ACCOMPANIED BY APPROPRIATE DESIGN AND COMPUTATIONS.
3. DIVERSION OF SURFACE WATER FROM THE FACE OF ALL CUT AND FILL SLOPES USING NO EARTH DIKES OR SWALES. CONVEY SURFACE WATER DOWN SLOPE USING A DESIGNED STRUCTURE, AND:
 - a. PROTECT THE FACE OF ALL GRADED SLOPES FROM SURFACE RUNOFF UNTIL THEY ARE STABILIZED.
 - b. DO NOT SUBJECT THE SLOPES TO FACE TO ANY CONCENTRATED FLOW OF SURFACE WATER SUCH AS FROM NATURAL DRAINAGE WAYS, GRADED WAVES, DOWNSPOUTS, ETC.
 - c. PROTECT THE FACE OF THE SLOPE BY SPECIAL EROSION CONTROL MATERIALS TO INCLUDE, BUT NOT BE LIMITED TO, APPROVED VEGETATIVE STABILIZATION PRACTICES, R PRAIR OR OTHER APPROVED STABILIZATION METHODS.
4. TERRACED SLOPES AS SHOWN IN DETAIL B-3-2: THE STEEPEST ALLOWABLE SLOPE FOR A PRAIRABLE RISE IS 1.5:1. FOR NON ROCK SURFACES, THE SLOPES ARE TO BE 2:1 OR FLATTER. THESE STEPS WILL WEATHER AND ACT TO HOLD MOISTURE, FERTILIZER, AND SEED THUS PRODUCING A MUCH QUICKER AND LONGER LIVED VEGETATIVE COVER AND BETTER SLOPE STABILIZATION.
5. SUBSURFACE DRAINAGE PROVISIONS. PROVIDE DRAINAGE DRAINAGE WHERE NECESSARY TO INTERCEPT SEEPAGE THAT WOULD OTHERWISE ADVERSELY AFFECT SLOPE STABILITY OR CREATE EXCESSIVELY WET SITE CONDITIONS.
6. PROXIMITY TO ADJACENT PROPERTY. SLOPES MUST NOT BE CREATED CLOSE TO PROPERTY LINES WITHOUT ADEQUATE PROTECTION AGAINST SEDIMENTATION, EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED DAMAGE.
7. QUALITY OF FILL MATERIAL. FILL MATERIAL MUST BE FREE OF BRUSH, RUBBISH, LOGS, STUMPS, BULKED DEBRIS, AND OTHER OBJECTIONABLE MATERIAL. DO NOT PLACE FROZEN MATERIALS IN THE FILL NOR PLACE THE FILL MATERIAL ON A FROZEN FOUNDATION.
8. STABILIZATION. STABILIZE ALL DISTURBED AREAS STRUCTURALLY OR VEGETATIVELY IN COMPLIANCE WITH SECTION B-4 STANDARDS AND SPECIFICATIONS FOR STABILIZATION PRACTICES.

THE LINE, GRADE, AND CROSS SECTION OF BENCHING AND SERRATED SLOPES MUST BE MAINTAINED. BENCHES AND SERRATED SLOPES MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION.

A. SOL PREPARATION

- ## TEMPORARY STABILIZATION
- a. SEEDED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT. SUCH AS DISC-HARROWS OR CHIRP PLOWS OR RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSENEED, IT MUST NOT BE ROLLED OR DRAGGED SMOOTH BUT LEFT IN THE ROUGHENED CONDITION. SLOPES 3:1 OR FLATTER ARE TO BE TRACKED WITH RIGDES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE.
 - b. APPLY FERTILIZER AND LIMES AS PRESCRIBED ON THE PLANS.
 - c. INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.
- ## 2. PERMANENT STABILIZATION
- a. A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM SOIL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE:
 - i) SOIL PH BETWEEN 6.0 AND 7.0.
 - ii) SOLUBLE SALTS LESS THAN 500 PARTS PER MILLION (PPM).
 - iii) SOIL CONTAINS LESS THAN 40 PERCENT CLAY BUT ENOUGH FINE GRAINED MATERIAL (GREATER THAN 30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF MOISTURE. AN EXCEPTION: IF LOVEGRASS WILL BE PLANTED, THEN A SANDY SOIL (LESS THAN 30 PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE.
 - iv) SOIL CONTAINS 15 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT.
 - v) SOIL CONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION.
 - b. APPLICATION OF AMENDMENTS OR TOPSOIL IS REQUIRED IF ON SITE SOILS DO NOT MEET THE ABOVE CONDITIONS.
 - c. GRADED AREAS MUST BE MAINTAINED NATURE AND EVEN GRADE AS SPECIFIED ON THE APPROVED PLAN, THEN SCARIFIED OR OTHERWISE LOOSENEED TO A DEPTH OF 3 TO 5 INCHES.
 - d. APPLY SOIL AMENDMENTS AS SPECIFIED ON THE APPROVED PLAN OR AS INDICATED BY THE RESULTS OF A SOIL TEST.
 - e. MIX SOIL AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. RAKE LAWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE STONES AND BRANCHES, AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGG NO WITH A HEAVY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL NOT PERMIT NORMAL SEEDED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIGDES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SOIL LOOSE AND FRABLE. SEEDED LOOSENING MAY BE UNNECESSARY ON NEWLY DISTURBED AREAS.

1. TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

2. TOPSOIL SALVAGED FROM AN EXISTING SITE MAY BE USED PROVIDED IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-NRCS.

4. TOPSOIL IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
- a. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
 - b. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUOUS SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
 - c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
 - d. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
4. AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN.
5. TOPSOIL SPECIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING CRITERIA:
- a. TOPSOIL MUST BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, OR LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. TOPSOIL MUST NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CINDER, STONES, SLAG, CORRUM FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2 INCHES IN DIAMETER.
 - b. TOPSOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACK GRASS, JOHNSON GRASS, NET SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
 - c. TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

6. TOPSOIL APPLICATION
- a. EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL.
- b. UNIFORMLY DISTRIBUTE TOPSOIL IN A 5 TO 8 INCH LAYER AND LIGHTLY COMPACT TO A MINIMUM THICKNESS OF 4 INCHES. SPREADING IS TO BE PERFORMED IN SUCH A MANNER THAT SOODING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE ANY IRREGULARITIES IN THE SURFACE ARE REMOVED FROM THE SURFACE. ANY OPERATIONS MUST BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
- c. TOPSOIL MUST NOT BE PLACED IF THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION. WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDED PREPARATION.
- c. SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS)

SEE AASCD/MAA VEGETATIVE ESTABLISHMENT DETAILS AND SPECIFICATIONS FOR PROJECTS WITHIN 4 MILES OF THE BWA REPORT

SEE AASCD/MAA VEGETATIVE ESTABLISHMENT DETAILS AND SPECIFICATIONS FOR PROJECTS WITHIN 4 MILES OF THE BWA REPORT

SEE AASCD/MAA VEGETATIVE ESTABLISHMENT DETAILS AND SPECIFICATIONS FOR PROJECTS WITHIN 4 MILES OF THE BWA REPORT

1. MATT NG IS REQUIRED ON PERMANENT CHANNELS WHERE THE RUNOFF VELOCITY EXCEEDS TWO AND HALF FEET PER SECOND (2.5 FPS) OR THE SHEAR STRESS EXCEEDS TWO POUNDS PER SQUARE FOOT (2 LBS/FT²). ON TEMPORARY CHANNELS DISCHARGING TO A SEDIMENT TRAPPING PRACTICE, PROVIDE MATTING WHERE THE RUNOFF VELOCITY EXCEEDS FOUR FEET PER SECOND (4 FPS).

2. TEMPORARY SOIL STABILIZATION MATT NG IS MADE WITH DEGRADABLE (LASTS 6 MONTHS MINIMUM), NATURAL, OR MANMADE FIBERS OF UNIFORM THICKNESS AND DISTRIBUTION OF F BERS THROUGHOUT AND IS SMOLDER RESISTANT. THE MAXIMUM PERMISSIBLE VELOCITY FOR TEMPORARY MATTING IS 6 FEET PER SECOND.
3. PERMANENT SOIL STABILIZATION MATT NG IS AN OPEN WEAVE, SYNTHETIC MATERIAL CONSISTING OF NONDEGRADABLE F BERS OR ELEMENTS OF UNIFORM THICKNESS AND DISTRIBUTION OF WEAVE THROUGHOUT. THE MAXIMUM PERMISSIBLE VELOCITY FOR PERMANENT MATTING IS 8.5 FEET PER SECOND.

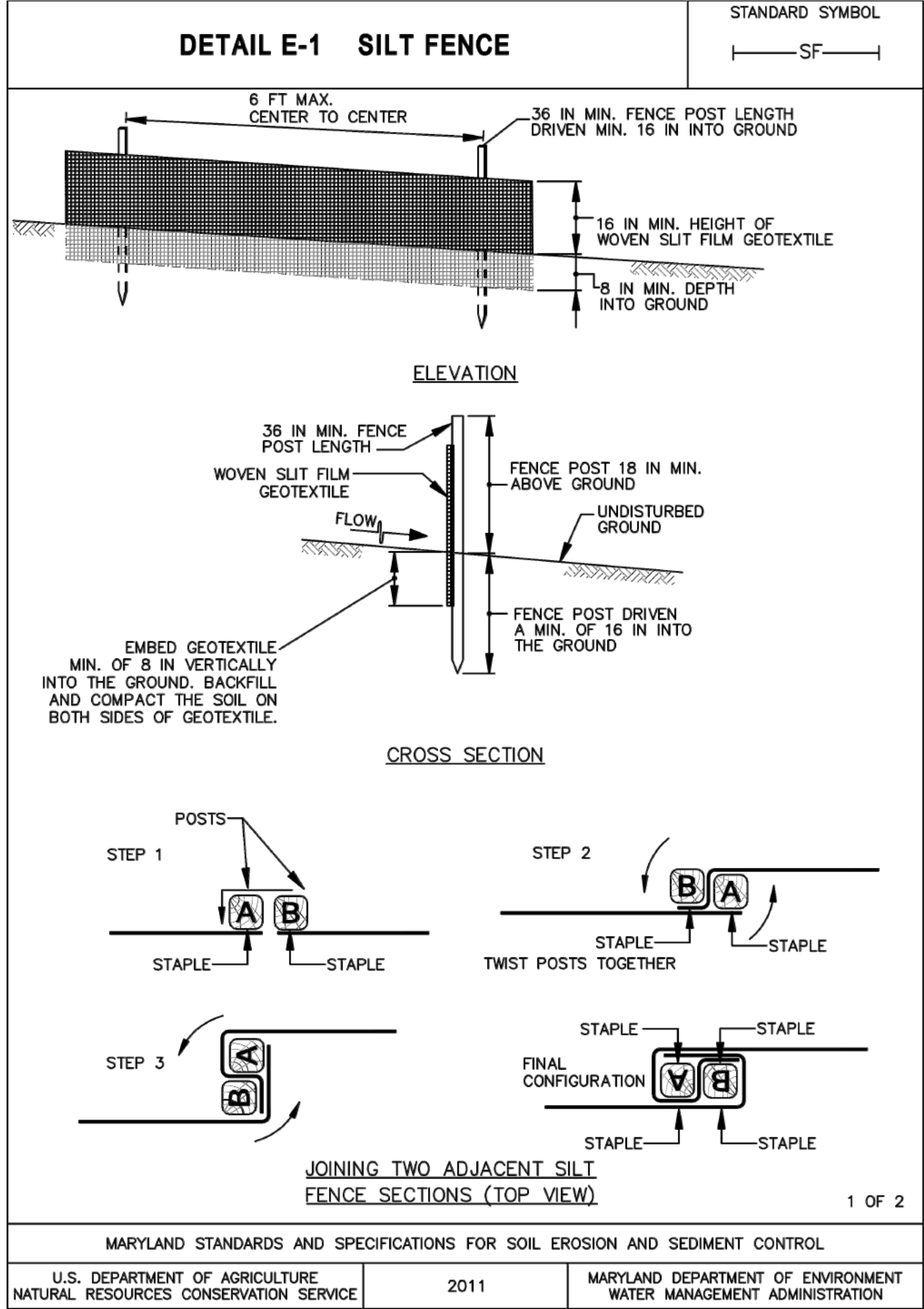
VEGETATION MUST BE ESTABLISHED AND MAINTAINED SO THAT THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION.

1. THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE CLEARLY INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN.

2. THE FOOTPRINT OF THE STOCKPILE MUST BE SIZED TO ACCOMMODATE THE ANTICIPATED VOLUME OF MATERIAL AND BASED ON A 4:1 SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION 8-3 LAND GRADING.
3. RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL PRACTICE.
4. ACCESS THE STOCKPILE AREA FROM THE UPGRADE SIDE.
5. CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A DIVERSION DEVICE SUCH AS AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE. PROVISIONS MUST BE MADE FOR DISCHARGE OF CONCENTRATED FLOW IN A NON-EROSIVE MANNER.
6. WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN APPROPRIATE EROSION/SEDIMENT CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE.
7. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 37 DAY STAB LIZATION REQUIREMENT AS WELL AS STANDARD 8-4.1 INCREMENTAL STABILIZATION AND STANDARD 8-4.4 TEMPORARY STABILIZATION.
8. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LNER SHOULD BE PROVIDED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION. IF THE VERTICAL HEIGHT OF A STOCKPILE EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 SLOPES, BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.

BORROW MATERIAL TO BE TAKEN OFF SITE MUST BE TAKEN TO A SITE WITH AN APPROVED SEDIMENT AND EROSION CONTROL PLAN.

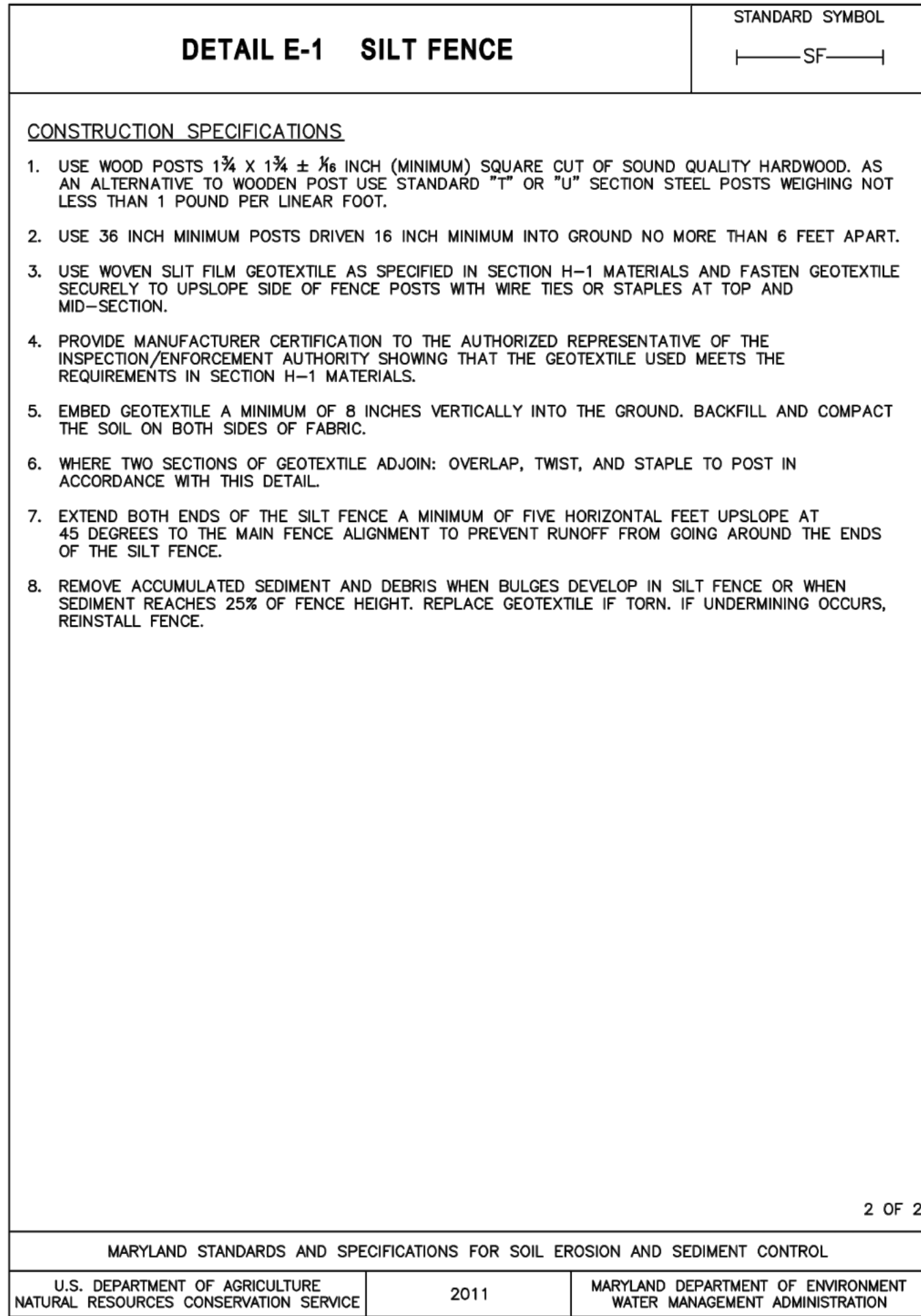


FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE CALENDAR DAYS FOR THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES SHALL BE GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS.

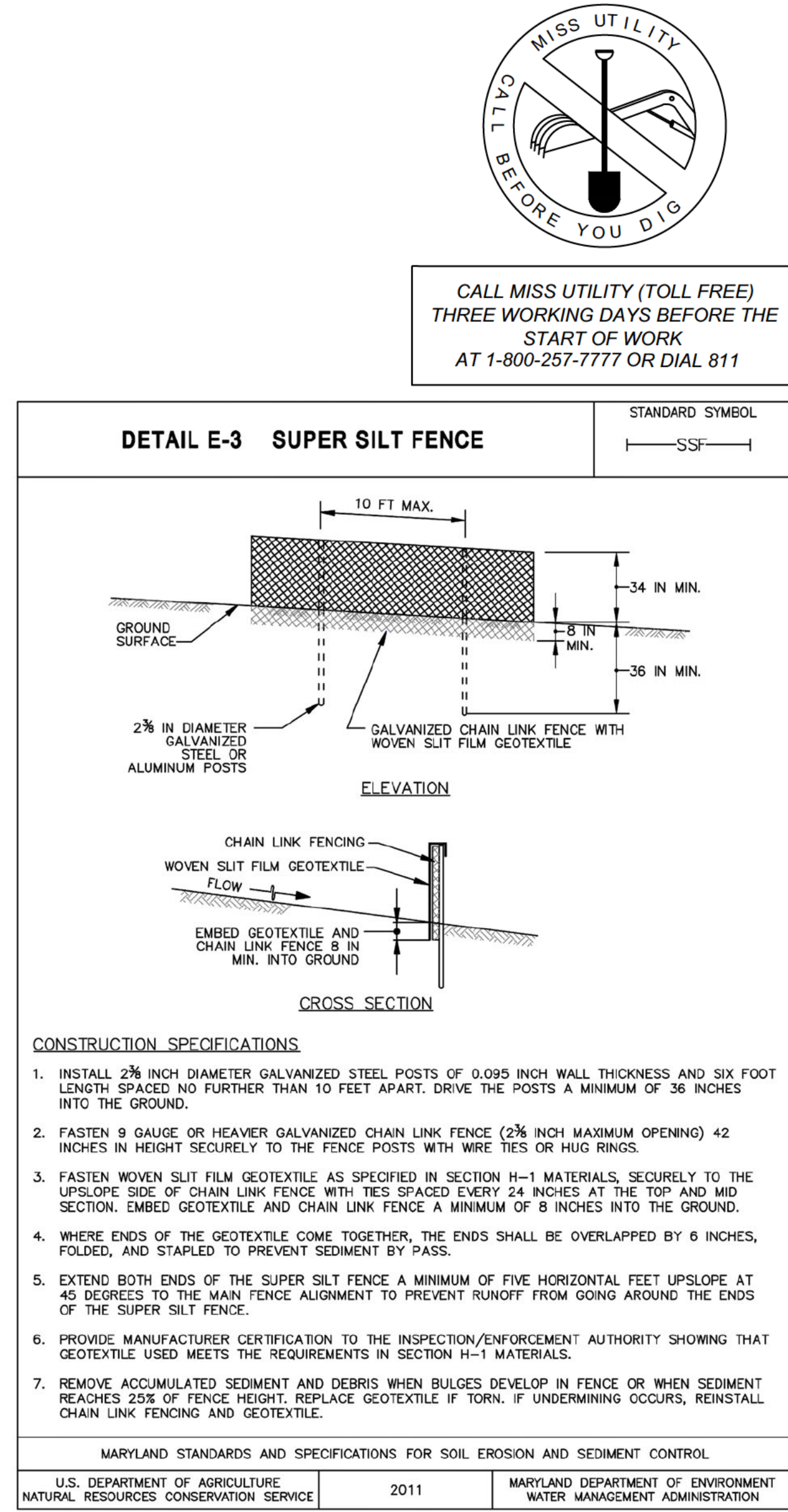
- PERMANENT SEEDING:**
- A. SOIL TESTS: LIME AND FERTILIZER WILL BE APPLIED PER SOIL TESTS RESULTS FOR SITES GREATER THAN 5 ACRES. SOIL TESTS WILL BE DONE AT COMPLETION OF INITIAL ROUGH GRADING OR AS RECOMMENDED BY THE SEDIMENT CONTROL INSPECTOR. RATES AND ANALYSES WILL BE PROVIDED TO THE GRADING INSPECTOR AS WELL AS THE CONTRACTOR.
- OCURRENCE OF AC DULCULATE SOILS (GRAYISH BLACK COLOR) WILL REQUIRE COVERING WITH A MINIMUM OF 12 INCHES OF CLEAN SOIL WITH 6 INCHES MINIMUM CAPPING OF TOP SOIL. NO STOCKPILING OF MATERIAL IS ALLOWED. IF NEEDED, SOIL TESTS SHOULD BE DONE BEFORE AND AFTER A 6-WEEK INCUBATION PERIOD TO ALLOW OXIDATION OF SULFATES.
- THE MINIMUM SOIL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE:
- a. SOIL PH SHALL BE BETWEEN 6.0 AND 7.0.
 - b. SOLUBLE SALTS SHALL BE LESS THAN 500 PART PER MILLION (PPM).
 - c. THE SOIL SHALL CONTAIN LESS THAN 40% CLAY BUT ENOUGH FINE GRAINED MATERIAL (<30% SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF MOISTURE. AN EXCEPTION IS IF LOVEGRASS OR SEROTINE SPEEDERZA IS TO BE PLANTED, THEN A SANDY SOIL (<30% SILT PLUS CLAY) WOULD BE ACCEPTABLE.
 - d. SOIL SHALL CONTAIN 1% MINIMUM ORGANIC MATTER BY WEIGHT.
 - e. SOIL MUST CONTAIN SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION.
 - f. FERTILIZER REQUIREMENTS CANNOT BE MET BY SOILS ON SITE. ADDING TOPSOIL IS REQUIRED IN ACCORDANCE WITH SECTION 21 STANDARD AND SPECIFICATION FOR TOPSOIL OR AMENDMENTS MADE AS RECOMMENDED BY A CERTIFIED AGRONOMIST.
- B. SEEDBED PREPARATION AREA TO BE SEEDING SHALL BE LOOSE AND FRABLE TO A DEPTH OF AT LEAST 3 INCHES. THE TOP LAYER SHALL BE LOOSED BY RAKING. DISK NG OR OTHER ACCEPTABLE MEANS BEFORE SEEDING OCCURS. FOR SITES LESS THAN 5 ACRES, APPLY 100 POUNDS DOLOMITIC LIMESTONE AND 21 POUNDS OF 10-10-10 FERTILIZER PER 1,000 SQUARE FEET. HARROW OR DISK LIME AND FERTILIZER INTO THE SOIL TO A DEPTH OF AT LEAST 3 INCHES ON SLOPES FLATTER THAN 3:1.
- C. SEED: APPLY 5-6 POUNDS PER 1,000 SQUARE FEET OF TALL FESCUE BETWEEN FEBRUARY 1 AND APRIL 30 OR BETWEEN AUGUST 15 AND OCTOBER 31. APPLY SEED UNIFORMLY ON A MOIST FIRM SEEDBED WITH A CYCLONE SEEDER, CULPICKER SEEDER OR HYDROSEEDER (SLURRY INCLUDES SEEDS AND FERTILIZER, RECOMMENDED ON STEEP SLOPES ONLY). MAXIMUM SEED DEPTH SHOULD BE 1/2 INCH IN CLAYEY SOILS AND 1/4 INCH IN SANDY SOILS WHEN USING OTHER THAN THE HYDROSEEDER METHOD. IRRIGATE WHEN NECESSARY TO SUPPORT ADEQUATE SOIL MOISTURE. WHEN TOP SOIL VEGETATION IS FULLY ESTABLISHED, F OTHER SEED MIXES ARE TO BE USED, SELECT FROM TABLE 25, ENTITLED "PERMANENT SEED NG FOR LOW MAINTENANCE AREAS" FROM THE CURRENT STANDARDS AND SPECIFICATIONS FOR SOIL REMEDIATION AND SEED NG CONTROL. MIXES SUITABLE FOR THIS ARE 1, 3 AND 5-7. MIXES 5-7 ARE SUITABLE IN NON-MOVABLE SITUATIONS.
- D. MULCHING: MULCH SHALL BE APPLIED TO ALL SEEDED AREAS IMMEDIATELY AFTER SEEDING. DURING THE TIME PERIODS WHEN SEEDING IS NOT PERMITTED, MULCH SHALL BE APPLIED IMMEDIATELY AFTER GRADING.

MULCH SHALL BE UNROTTED, UNCHOPPED, SMALL GRAIN STRAW APPLIED AT A RATE OF 2 TONS PER ACRE OR 90 POUNDS PER 1,000 SQUARE FEET (2 BALES). IF A MULCH-ANCHORING TOOL IS USED, APPLY 2.5 TONS PER ACRE. MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEEDS AND SHALL BE COMPLETELY FREE OF PROHIBITED NOXIOUS WEEDS. SPREAD MULCH UNFORMLY, MECHANICALLY OR BY HAND, TO A DEPTH OF 1-2 INCHES.


- (i) USE A MULCH-ANCHORING TOWEL WHICH IS DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE TO A MINIMUM DEPTH OF 2 INCHES. THIS IS THE MOST EFFECTIVE METHOD FOR SECURING MULCH, HOWEVER, IT IS LIMITED TO RELATIVELY FLAT AREAS WHERE EQUIPMENT CAN OPERATE SAFELY.
- (ii) LIQUID CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. IF MIXED WITH WATER, USE 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
- (iii) LIQUID B BINDERS MAY BE USED. APPLY AT HIGHER RATES AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF SLOPES. THE REMAINDER OF THE AREA SHOULD APPEAR UNIFORM AFTER BINDER APPLICATION. BINDERS LISTED IN THE 1994 STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL OR APPROVED EQUAL SHALL BE APPLIED AT RATES RECOMMENDED BY THE MANUFACTURERS.
- (iv) LIGHTWEIGHT PLASTIC NETTING MAY BE USED TO SECURE MULCH. THE NETTING WILL BE STAPLED TO THE GROUND ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.



2. TEMPORARY SEEDING:
- TIME: 100 POUNDS OF DOLOMITIC LIMESTONE PER 1,000 SQUARE FEET.
FERTILIZER: 15 POUNDS OF 10-10-10 PER 1,000 SQUARE FEET.
SEED: PERENNIAL RYE - 0.02 POUNDS PER 1,000 SQUARE FEET (FEBRUARY 1 THROUGH APRIL 30 OR
MILLET - 0.02 POUNDS PER 1,000 SQUARE FEET (MAY 1 THROUGH NOVEMBER 1)
MULCH: SAME AS 1. D AND E ABOVE.
3. NO FILLS MAY BE PLACES ON FROZEN GROUND, ALL F.I.L TO BE PLACES IN APPROXIMATELY HORIZONTAL LAYERS, EACH LAYER HAVING A LOOSE THICKNESS OF NOT MORE THAN 8 INCHES. ALL F.I.L. N ROADWAYS AND PARKING AREAS IS TO BE CLASSIFIED TYPE 2 PER ANNE ARUNDEL COUNTY CODE - ARTICLE 21, SECTION 2-308, AND COMPACTED TO 90% DENSITY; COMPACTION TO BE DETERMINED BY ASTM D-1557-66 (MID-LEVEL PROCTOR) ANY FILL WITHIN THE BUILDING AREAS IS TO BE COMPACTED TO A MINIMUM OF 96% DENSITY AS DETERMINED BY METHODS PREVIOUSLY MENTIONED. FILLS FOR POND EMBANKMENTS SHALL BE COMPACTED AS SUFFICIENTLY SO AS TO BE STABLE AND PREVENT EROSION AND SL PPAGE.
4. PERMANENT SOD:
- INSTALLATION OF SOD SHOULD FOLLOW PERMANENT SEEDING DATES. INSURE PREPARATION FOR SOD SHALL BE AS NOTED IN SECTION (B) ABOVE. PERMANENT SOD IS TO BE TALL FESCUE, STATE APPROVED SOD, 1 ME AND FERTILIZER PER PERMANENT SEED NG SPECIFICATIONS AND LIGHTLY IRRIGATE SOD PRIOR TO LAY NG SOD. SOD IS TO BE LA D ONT THE CONTOUR WITH ALL ENDS TIGHTLY ABUTT NG JOINTS ARE TO BE SECURED BY BEING TIGHTLY BUTTED TOGETHER AND OR TACK SOD TO INSURE PROPER CONTACT WITH THE SO. ALL SLOPES STEEPER THAN 3:1, AS SHOWN, ARE TO BE PERMANENTLY SODDED OR PROTECTED WITH AN APPROVED EROSION CONTROL NETTING. ADDITIONAL WATER NG FOR ESTABLISHMENT MAY BE REQUIRED. SOD IS NOT TO BE INSTALLED ON FROZEN GROUND. SOD SHALL NOT BE TRANSPLANTED WHEN MOISTURE CONTENT (DRY OR WET) AND/OR EXTREME TEMPERATURES MAY ADVERSELY AFFECT ITS SURVIVAL. IN THE ABSENCE OF ADEQUATE RAINFALL, IRRIGATION SHOULD BE PERFORMED TO ENSURE ESTABLISHMENT OF SOD.
5. MINING OPERATIONS:
- SEDIMENT CONTROL PRACTICES FOR MINING OPERATIONS MUST INCLUDE THE FOLLOW NG SOD NG DATES AND MIXTURES:
- FOR SOD NG DATES OF FEBRUARY 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 31, USE SEED MIXTURE OF TALL FESCUE AT THE RATE OF 2 POUNDS PER 1,000 SQUARE FEET AND SERICEA LESPEDEZZA AT THE MINIMUM RATE OF 0.5 POUNDS PER 1,000 SQUARE FEET.
6. TOPSOIL SHALL BE APPLIED AS PER THE STANDARD AND SPECIFICATIONS. FOR TOPSOIL FROM THE CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PER METER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN (7) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

SEDIMENT AND EROSION CONTROL SPECIFICATIONS FOR: NAVAL ACADEMY GOLF ASSOCIATION US NAVAL ACADEMY GOLF COURSE 64 GREENBURY POINT ROAD, ANNAPOLIS, MD 21402 3RD DISTRICT, ANNE ARUNDEL COUNTY PREPARED FOR: ERIC DAVID		DATE: DECEMBER 2022 JOB NUMBER: C2220058 SCALE: AS SHOWN DRAWN BY: SMK DESIGNED BY: SMK APPROVED BY: WRW	 <p> PROPERTY OF THE STATE OF MARYLAND THESE PLANS ARE THE PROPERTY OF THE STATE OF MARYLAND AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE STATE OF MARYLAND UNDER THE LAWS OF THE STATE OF MARYLAND PRINTED NAME: _____ DATE: 07/18/2024 VALUE: \$ 10,000.00 ESSENTIAL: YES </p>
SHEET NO.: GP-3.01		FILE NO.: C2220058_Grading-ESC Plans.dwg	

From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Subject: Re: [URL Verdict: Neutral][Non-DoD Source] Another golf course?
Date: Monday, May 9, 2022 3:27:29 PM

Hi (b) (6) I hope you had a nice Mother's Day.

Looks like tomorrow's meeting was cancelled, set up again and then cancelled again. As you probably know, the community awareness about this idea continues to grow, as does the concern. Can you please share a copy of the Naval Academy Golf Association's proposal? I think that any initiative like this proposed for Federal land should necessarily be transparent. Is there a new date and place scheduled?

The entire "Greenbury Point Conservation Area" is within the critical area, which I expect is acknowledged in your Integrated Natural Resources Management Plan, which makes it subject to the Coastal Zone Management Act, due to the foreseeable effects on Maryland coastal resources, and I guess the Sikes Act as well.

In addition, I think that I recall speaking with USNA staff and being told that all those trees that were planted out there were part of a mitigation initiative. If so, how can anyone justify cutting them down for the creation of a golf course? This could make the Navy's mitigation efforts appear disingenuous.

The DoD is a signatory to the Chesapeake Bay Program and has always impressed me by their deep commitment to the Bay restoration and conservation goals. With the entire Greenbury area being within the critical area, were this proposal to be acted upon, no matter what the designs look like, they would necessarily contradict that commitment with this project.

(b) (6)

On Tue, May 3, 2022 at 1:55 PM (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#) <(b) (6) .civ@us.navy.mil> wrote:

Hi Joel,

The Navy has received a request from the Naval Academy Golf Association to lease land at Greenbury Point with the intent of building a new golf course. The Navy is currently reviewing this proposal. There is a meeting scheduled for May 10 @ 7:30 p.m. for the Providence Neighborhood to learn more about the proposal and provide comment.

Very respectfully,

(b) (6)

(b) (6)

Installation Community Planning Liaison Officer

Naval Support Activity Annapolis

181 Wainwright Rd., USNA

Annapolis, MD 21402

Office: 410 (b) (6)

Email: (b) (6) [.civ@us.navy.mil](mailto:(b) (6).civ@us.navy.mil)

From: Joel Dunn (b) (6) [@chesapeakeconservancy.org](mailto:(b) (6)@chesapeakeconservancy.org)>

Sent: Tuesday, May 3, 2022 1:34 PM

To: (b) (6) CIV USN COMNAVFACENGCOM DC (USA) (b) (6) [.civ@us.navy.mil](mailto:(b) (6).civ@us.navy.mil)>

Subject: [URL Verdict: Neutral][Non-DoD Source] Another golf course?

Hi (b) (6) -- I continue to hear some very disturbing rumors that the Navy intends to turn Greenbury Point into a private golf club. I have refrained from contacting you about this as I had hoped that it would disappear like a bad nightmare. Unfortunately, I am now hearing about a public comment period. Please advise, thank you very much.

Best regards,

Joel

--

Joel Dunn

President & CEO

Chesapeake Conservancy

716 Giddings Avenue, Suite 42

Annapolis, MD 21401

919-(b) (6) mobile

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[DEIJ Statement](#)



--

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President & CEO

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www.chesapeakeconservancy.org

[DEIJ Statement](#)



From: (b) (6)
To: (b) (6) [CIV USN COMNAVFACENGCOM DC \(USA\)](#)
Cc: (b) (6) [1@navy.mil](#)
Subject: Re: [URL Verdict: Neutral][Non-DoD Source] Greenbury Pt. Catch up
Date: Thursday, June 2, 2022 10:14:01 AM

Great! Talk to you then.

On Thu, Jun 2, 2022 at 9:04 AM (b) (6) CIV USN COMNAVFACENGCOM DC (USA) (b) (6) [.civ@us.navy.mil](#)> wrote:

Hi (b) (6),

Let's connect on Monday at 2:00 if that still works. I can be reached on my office line below.

Very respectfully,

(b) (6)

(b) (6)

Installation Community Planning Liaison Officer

Naval Support Activity Annapolis

[181 Wainwright Rd.](#), USNA

Annapolis, MD 21402

Office: 410 (b) (6)

Email: (b) (6) [.civ@us.navy.mil](#)

From: (b) (6) [@severnriver.org](#)>

Sent: Wednesday, June 1, 2022 2:42 PM

To: (b) (6) @navy.mil

Subject: [URL Verdict: Neutral][Non-DoD Source] Greenbury Pt. Catch up

Hi (b) (6)

I hope all is well with you. I wondered if we might have a chance to speak about the Greenbury point proposal sometime over the next week or so. I'm available tomorrow before 10 and Friday after 2 this week. Next Week I could chat after 2 on M or Tu, any time W or Th, and any time Friday except 1230-2.

Please let me know if any of those times work for you. Thanks!

--

(b) (6)

Executive Director

Severn River Association

'It's a New Day at SRA!'

Consider supporting our efforts at <https://severnriver.org/donate>



--

(b) (6)

Executive Director

Severn River Association

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