

Mathews, Lisa A

From: Mercier, Robert
Sent: Tuesday, May 21, 2019 8:48 AM
To: Mathews, Lisa A
Subject: FW: D 461A Greenwich - Indian Harbor
Attachments: Harbor Crossing Impact Plan PMT-05.pdf

From: Dubois, Francis (Frank) [<mailto:fdubois@burnsmcd.com>]
Sent: Friday, May 17, 2019 5:07 PM
To: Mercier, Robert
Cc: Bachman, Melanie; Walsh, Christina; Montemurro, Vincent C (Vinny); Leu, Eric; Shanley, Kathleen M
Subject: RE: D 461A Greenwich - Indian Harbor

Mr. Mercier,

Further detail regarding the temporary earth retaining system (TERS), which is a cofferdam, and its proposed limits are shown on the attached drawing, PMT-05, prepared for the Town of Greenwich permit application. The TERS on the western embankment will be located outside of the CJL. Upon closer review of this drawing, the TERS, on the eastern embankment, where space is more limited, will be placed along the water course slightly within the coastal jurisdiction line (CJL), although above the mean high water (MHW). The TERS hasn't been fully designed but is envisioned to be steel sheet piles.

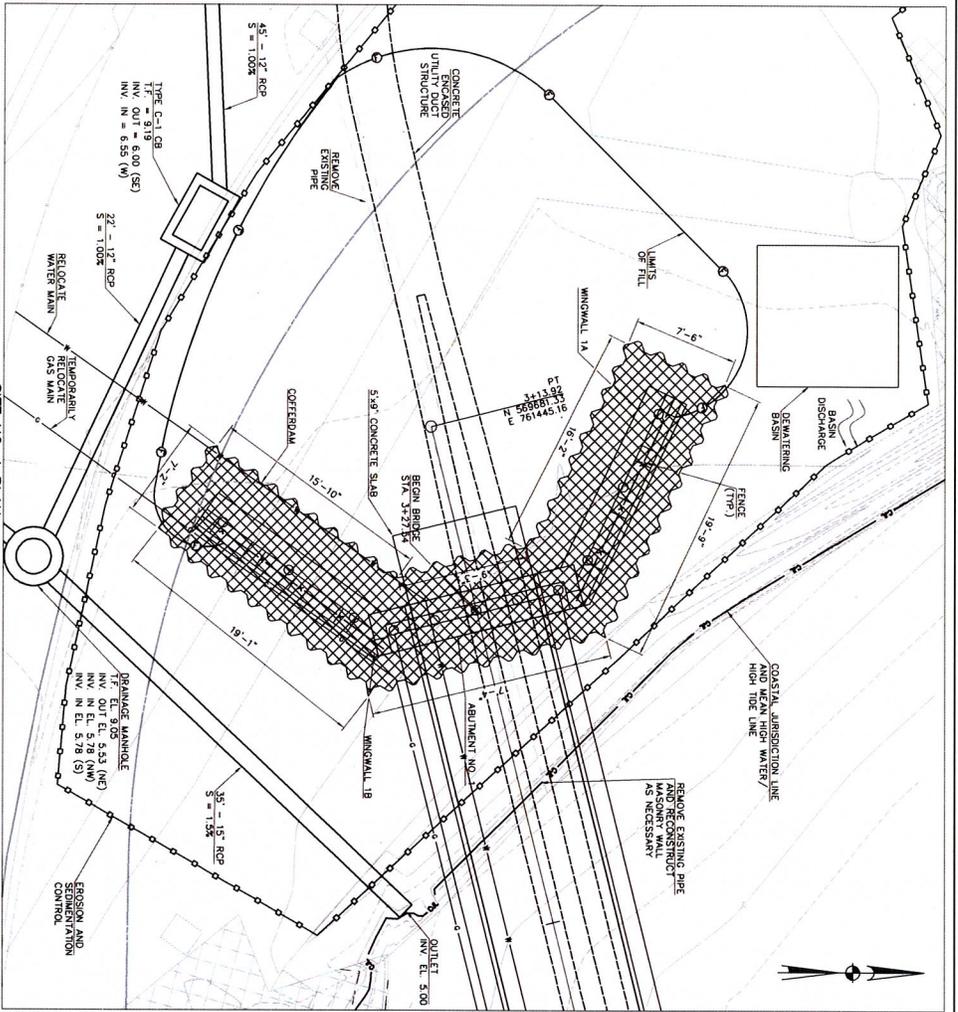
I would also like to take this opportunity to provide clarification on a discrepancy between drawing sheets PMT-02 and PMT-04. The 1% annual chance flood elevation of 13.00 shown on drawing PMT-04 Bridge Section view is correct. During this event the entire area shown in drawing PMT-04 sheet view will be inside the flood zone lines. Therefore Note 1 on sheet PMT-02 note should read "FEMA flood zone lines are located outside of the limits of this sheet".

Please let me know should you have any additional questions.

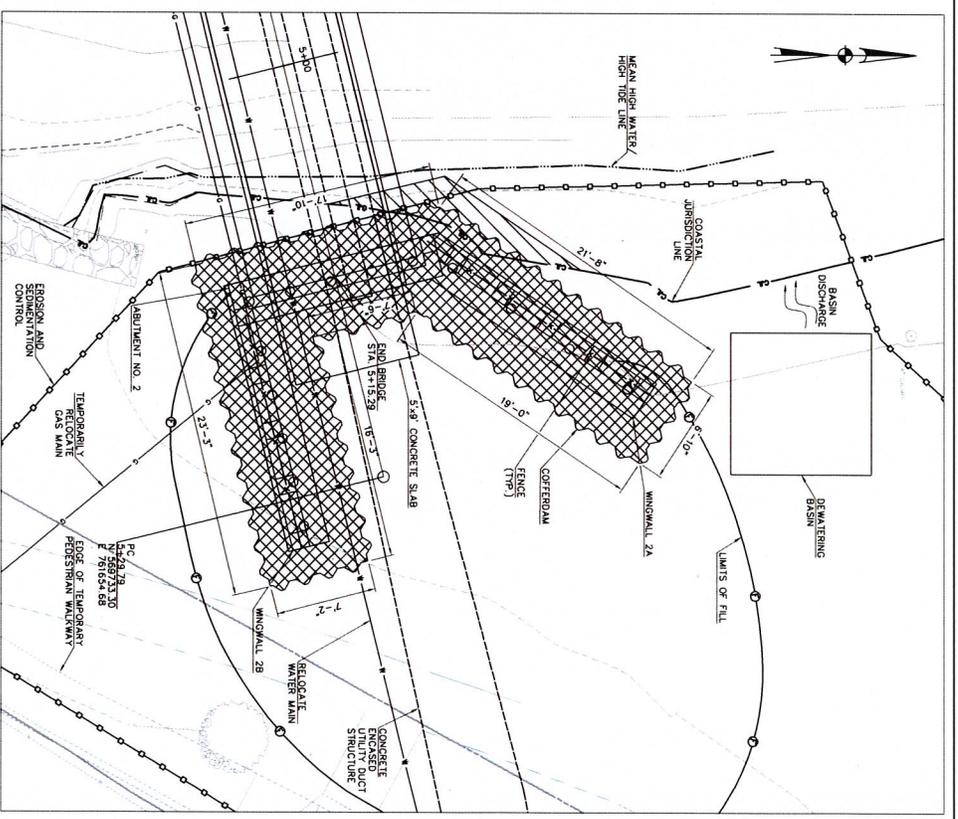
Thanks,

Frank

Francis Dubois, PE \ Burns & McDonnell
Project Manager
M 860-984-9522
fdubois@burnsmcd.com \ burnsmcd.com
108 Leigus Road, Suite 1100 \ Wallingford, CT 06492



SITE NO. 1 PLAN



SITE NO. 2 PLAN

LEGEND

| | |
|---|------------------------|
| MEAN HIGH WATER | --- |
| COASTAL JURISDICTION LINE | --- |
| TEMPORARY EXCAVATION BELOW JURISDICTION LINE IMPACT | [Cross-hatched box] |
| IMPACT TO COASTAL JURISDICTION LINE (WATERWARD) | [Diagonal hatched box] |

*SEE TYPICAL ABUTMENT SECTION ON SHEET NO. 4 FOR EXCAVATION BELOW COASTAL JURISDICTION LINE

COASTAL JURISDICTION LINE IMPACT TABLE

| PERMANENT IMPACTS (SF) [A.C.] | SITE NO. 1 | SITE NO. 2 | TOTAL |
|--------------------------------------|--------------|--------------|--------------|
| 0 [0.0000] | 0 [0.0000] | 0 [0.0000] | 0 [0.0000] |
| TEMPORARY IMPACTS - AREA (SF) [A.C.] | 365 [0.0084] | 420 [0.0096] | 785 [0.0180] |
| TEMPORARY IMPACTS - VOLUME (CF) | 43 | 31 | 74 |

| REV. | DATE | DESCRIPTION | SHEET NO. |
|------|------|-------------|-----------|
| | | | |
| | | | |
| | | | |

| | |
|--------------|-----------|
| DESIGNER | M. HARRIS |
| DRAWN BY | M. HARRIS |
| CHECKED BY | R. WENZ |
| DATE CHECKED | 3/2/19 |



PRODUCT TITLE
**PEDESTRIAN BRIDGE
 BRUCE PARK OVER
 DAVIS MILL POND**

PROJECT NO.
 05012
 DRAWING NO.
 PMT-05
 SHEET NO.
 5

- NOTES:
1. THE CONTRACTOR SHALL NOT WORK WITHIN THE LIMITS OF THE WETLANDS AND WATERCOURSES WITH THE EXCEPTION OF THOSE AREAS DELINEATED AS TEMPORARY OR PERMANENT IMPACTS TO THE WETLANDS AND WATERCOURSES. ALL DISTURBED AREAS TO THE TOWN OF GREENWICH WILL ONLY BE SUBMITTED FOR REVISIONS TO THE DEEP FOR CHANGES TO THE DESIGN THAT WILL AFFECT THE NOTED REGULATED AREAS.
 2. THE LIMITS OF THE WETLANDS AND WATERCOURSES ARE SHOWN ON SHEETS 9 AND 7.
 3. SEE PLAN IMPROVEMENTS ON SHEETS 9 AND 7.

ENVIRONMENTAL PERMIT PLANS
 PLAN DATE: MARCH 5, 2019