

## **ADDENDUM NO. 2**

### REPLACEMENT OF THAMES STREET WALL AT ELECTRIC BOAT GROTON, CT

MMI #2536-13  
December 4, 2019

#### ▪ **Administrative Items**

- Pre-Bid Meeting was held on December 3, 2019 at 10:00 am at the intersection of Thames Street & Eastern Point Road. A sign in sheet is attached for your reference.
- Due to the weather contractors were not able view the area from Electric Boat Property. Contractors may still visit the site, follow instructions per Addendum No. 1 and contact **Brian Bogar**.
- As discussed in the Pre-Bid Meeting attached are photos of the slope and wall failure provided by Electric Boat.

#### ▪ **Clarification of Timeline for Questions and Requests for Information**

- Last day to submit questions is December 6, 2019 at 5:00 pm.
- The last addendum will be posted on December 9, 2019 at 5:00 pm.
- Submit questions to Kishor Patel at kpatel@mminc.com

#### ▪ **Response to Questions**

**Q1: What are the new limits of the Edge of Roadway, Bituminous Concrete Curb, and Bituminous Concrete Walk? These are not clearly shown on the plans?**

**R1:** The sawcut limit line shown on sheet STR-01 shall be the extents for the bituminous concrete curb and walk. The existing edge of roadway (gutter line) within the sawcut limits shall be maintained, where the gutter line has collapsed station +/- 13+00 to +/- 13+85 strike a line from catch basin at station 13+00 to station 13+85.

**Q2: How is the 6" Perforated Pipe within the Drainage Aggregate behind the new wall to be paid for?**

**R2:** See revised sheet STR-01, the 6" Structure Underdrain and 6" Structure Underdrain Outlet shall be included in the item "Embankment Wall (Site No. 1)". The structure underdrain is shown plan and elevation view.

**Q3: Is Electric Boat assuming responsibility for the cost of the Disposal of Debris within the Groton Right-of-Way as well?**

**R3:** Any Material on the City of Groton Right-of-Way shall be disposed by the contractor.

**Q4: What is to be done with the existing TCBC currently in place? How are we to be paid for any work involving this barrier? Is the Town responsible for the removal of this barrier?**

**R4:** Contractor shall install perimeter security fence to secure Electric Boat property per plans and have detour in place then coordinate with City and the city will remove Temporary Precast Barrier Curb (TPBC) with the existing temporary fencing on top of the TPBC.

▪ **Changes to Plans**

- As discussed in the Pre-Bid Meeting the detour plan has been modified to add additional signs to direct larger vehicles to detour at Mitchell Street from the State Route 95 exit as it will be difficult for larger vehicles to turn onto Ledyard to Smith Street.

# PRE-BID MEETING SIGN-IN SHEET



**MILONE & MACBROOM**

**Meeting Date:** December 3 @ 10:00AM

**Project:** City of Groton – Reconstruction of Thames Street Wall at Electric Boat

**Place:** Intersection of Thames Street & Eastern Point Road

| Name           | Company             | Phone        | E-Mail                      |
|----------------|---------------------|--------------|-----------------------------|
| Kushor Patel   | Milone & MacBroom   | 203 278 1764 | kpatel@mminc.com            |
| BRIAN BAGAR    | GDEB                | 860 433 9261 | bhogar@gdeb.com             |
| Bill Coulson   | B&W Painting        | 860-572-9972 | betty@bandupainting.com     |
| PAUL MACHTAK   | Aman Ind            | 860 234-2224 | PMACTHAK@Americanind.net    |
| Luke Sinopoli  | Manufact Brothers   | 860-250-2753 | LSinopoli@Manufact.com      |
| Nick Reed      | Waters Construction | 203-653-6582 | nreed@watersconst.com       |
| Allison Scott  | Arborio Corp        | 860-509-7714 | engr@arboriocorp.com        |
| Tom Bucner     | M&W                 | 860-621-7458 | estimating@mw.com           |
| ARON MAESTRE   | M&W                 | 860-621-7451 | aroma@mw.com                |
| HEIDI COMEAU   | City of Groton      | 860-446-4164 | comeauH@cityofgroton-ct.gov |
| Timothy Umrysz | "                   | 860 446-4127 |                             |
|                |                     |              |                             |
|                |                     |              |                             |
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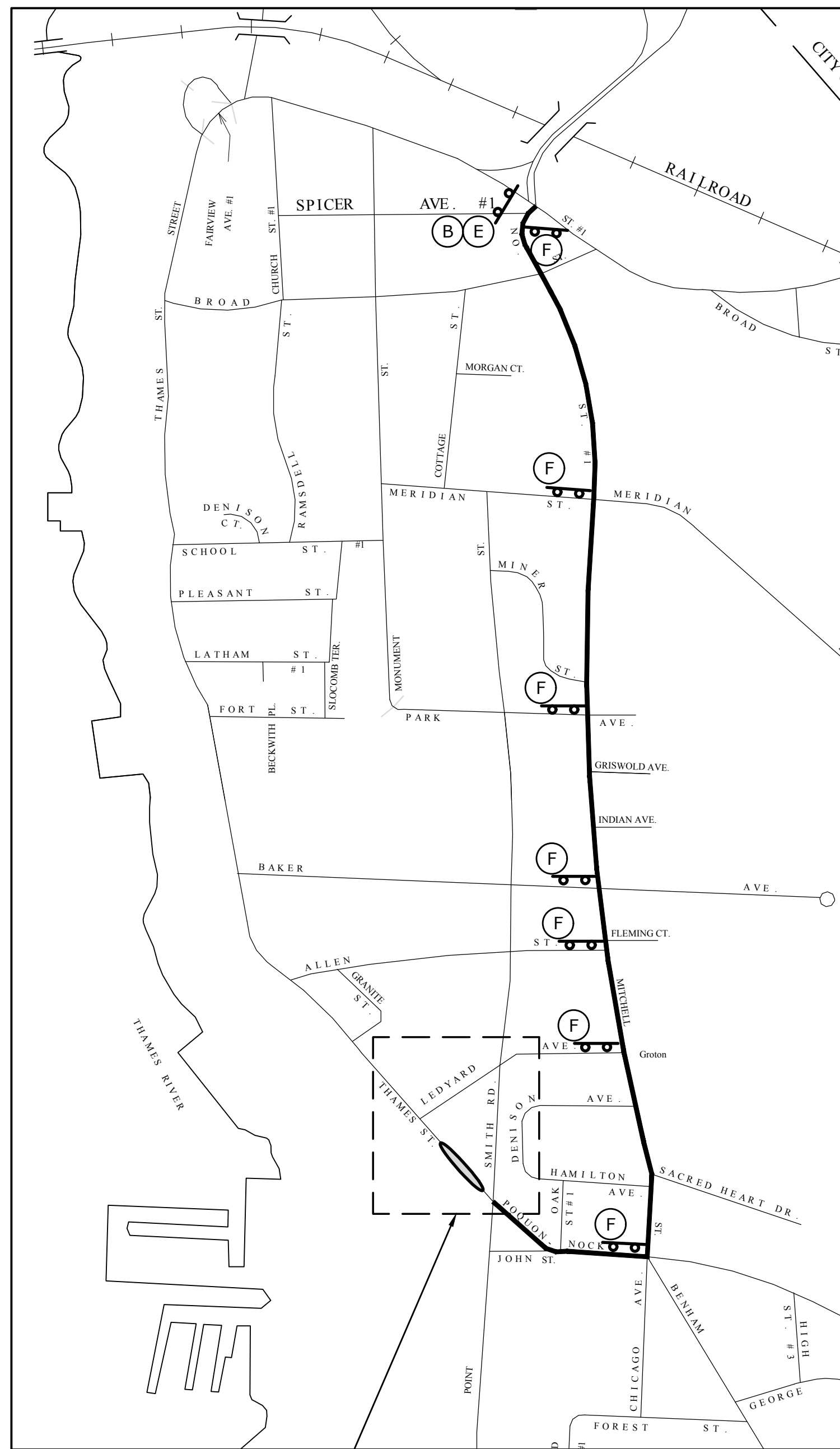




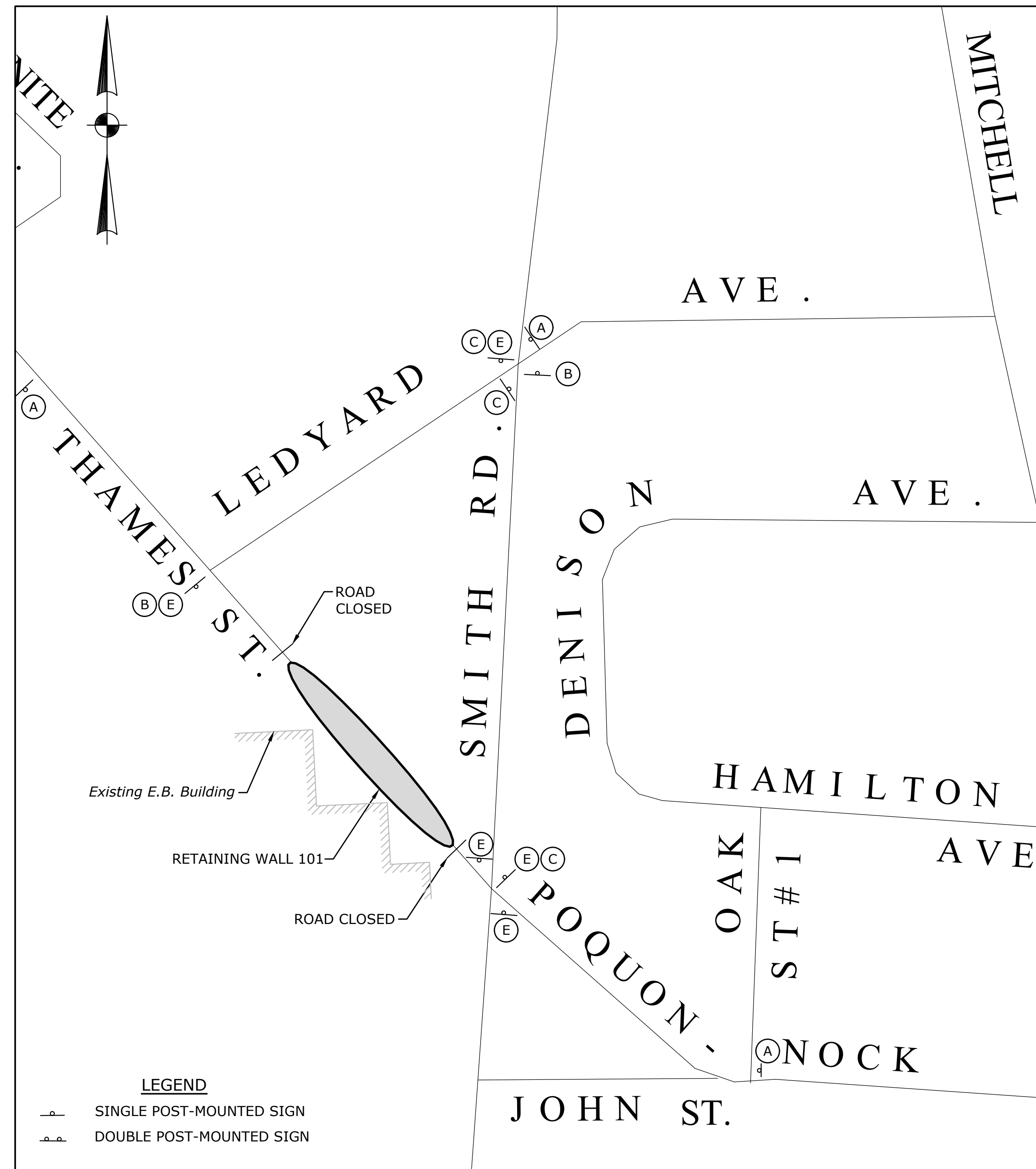








SEE LOCAL DETOUR PLAN  
**DETOUR PLAN**  
 SCALE: 1"=500'



**LOCAL DETOUR PLAN**  
 SCALE: 1"=100'

**GENERAL NOTES - MAINTENANCE & PROTECTION OF TRAFFIC**

1. INSTALL TYPE DE-7 DELINEATORS ON THE RIGHT AND TYPE DE-7A DELINEATORS ON THE LEFT OF TEMPORARY PRECAST CONCRETE BARRIER CURB IN ACCORDANCE WITH TRAFFIC STANDARD SHEET "DELINEATION, DELINEATOR AND OBJECT MARKER DETAILS".
2. EXISTING SIGNS ARE TO BE RELOCATED AS NEEDED AND AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION SO THAT THEY ARE IN THE APPROPRIATE LOCATION AND VISIBLE TO MOTORISTS. SOME SIGNS MAY HAVE TO BE TEMPORARILY LOCATED WITHIN THE WORK AREA.
3. SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
4. WHEN CONSTRUCTING FINAL PAVEMENT, THE FINAL LIFT OF BITUMINOUS CONCRETE AND FINAL PAVEMENT MARKINGS SHALL NOT BE PLACED UNTIL ALL CONSTRUCTION HAS BEEN COMPLETED.
5. EXISTING SIGNS THAT CONFLICT WITH TEMPORARY CONSTRUCTION SIGNS SHALL BE REMOVED OR COVERED AS DIRECTED BY THE ENGINEER.
6. BARRICADE WARNING LIGHTS - HIGH INTENSITY SHALL BE INSTALLED ON ALL POST-MOUNTED CONSTRUCTION SIGNS.
7. THE LOCATIONS OF TEMPORARY SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
8. THE LOCATIONS OF TRAFFIC DRUMS AND TYPE III CONSTRUCTION BARRICADES SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS AND TO CLEARLY DEFINE ACCESS TO AND EGRESS FROM ALL ROADWAYS AND DRIVEWAYS.

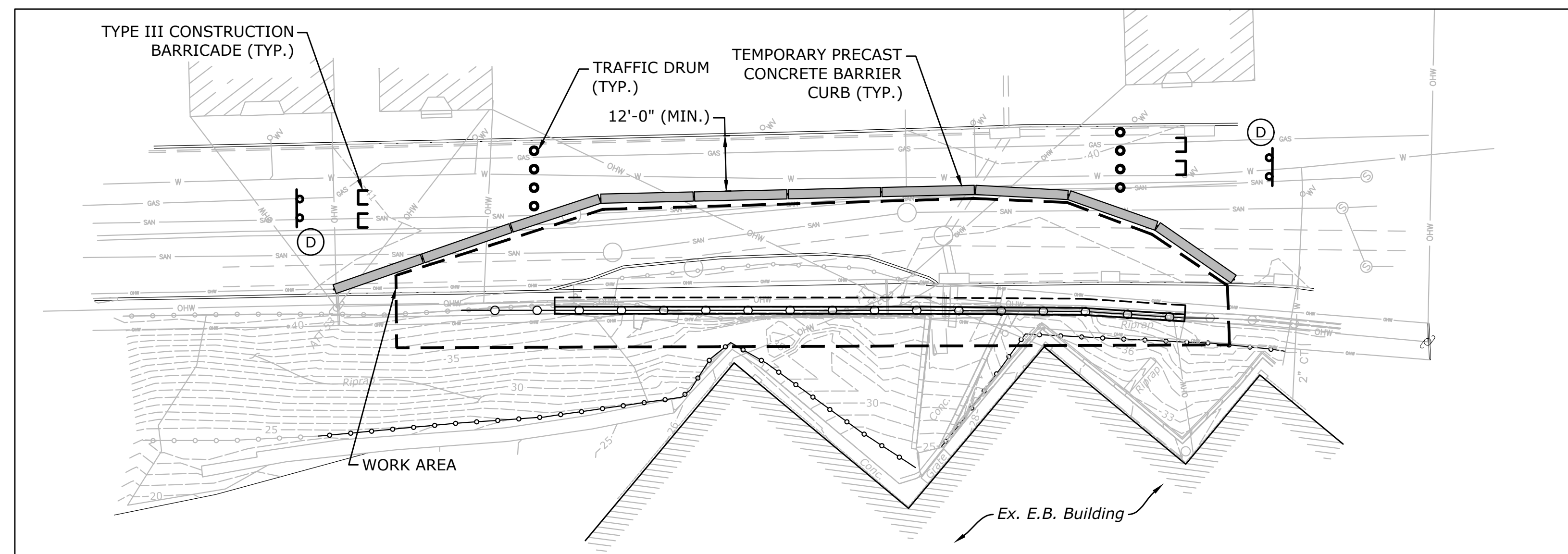
**NOTE**

1. ALL WORK FOR DETOUR SIGNAGE AND ROADWAY CLOSURE SHALL BE PAID UNDER THE ITEM "MAINTENANCE AND PROTECTION OF TRAFFIC".
2. RELOCATION OF EXISTING SIGNS & REPLACEMENT OF DAMAGED EXISTING SIGNS TO BE PAID FOR UNDER ITEM "MAINTENANCE AND PROTECTION OF TRAFFIC".
3. SEPARATE PAYMENT FOR TEMPORARY PRECAST CONCRETE BARRIER CURB.
4. CONTRACTOR SHALL PLACE AND RELOCATE TEMPORARY PRECAST CONCRETE BARRIER CURB AS NECESSARY.
5. CONTRACTOR SHALL SECURE SITE AT END OF DAY WITH PRECAST CONCRETE BARRIER CURB.
6. PRECAST CONCRETE BARRIER CURB SHALL BE PAID AS LUMP SUM.

- LEGEND**
- SINGLE POST-MOUNTED SIGN
  - DOUBLE POST-MOUNTED SIGN

| CONSTRUCTION SIGN LEGEND |  |                        |                              |
|--------------------------|--|------------------------|------------------------------|
| PLAN DESIGNATION         | MESSAGE                                      | SIZE                   | CONNDOT DESIGNATION          |
| (A)                      | ROAD WORK AHEAD                              | 48"                    | 80-9604                      |
| (B)                      | DETOUR<br>←                                  | 30" X 24"              | 80-9710 (L)                  |
| (C)                      | DETOUR<br>→                                  | 30" X 24"              | 80-9710 (R)                  |
| (D)                      | ROAD CLOSED                                  | 48" X 30"              | 80-9080<br>INSTALL W/ BWL-HI |
| (E)                      | THAMES STREET<br>ROAD CLOSED TO THRU TRAFFIC | 48" X 10"<br>60" X 30" | 80-9916<br>80-9081           |
| (F)                      | THAMES STREET<br>DETOUR<br>↑                 | 48" X 10"<br>30" X 30" | 80-9916<br>80-9710           |

- LEGEND**
- SINGLE POST MOUNTED SIGN
  - DOUBLE POST MOUNTED SIGN W/ BARRICADE WARNING LIGHT - HIGH INTENSITY
  - TYPE III CONSTRUCTION BARRICADE W/ BARRICADE WARNING LIGHT - HIGH INTENSITY
  - TRAFFIC DRUM



**ROADWAY CLOSURE PLAN**  
 SCALE: 1"=20'-0"



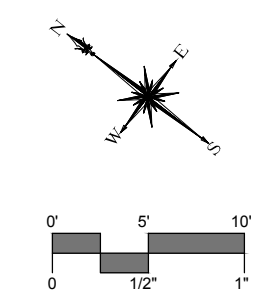
| DESCRIPTION    | DATE       | BY |
|----------------|------------|----|
| ADDENDUM NO. 1 | 11-26-2019 | KP |
| ADDENDUM NO. 2 | 12-04-2019 | KP |

**DETOUR PLAN**  
 RECONSTRUCTION OF THAMES STREET WALL  
 AT ELECTRIC BOAT  
 THAMES STREET  
 GROTON, CONNECTICUT

| NP       | NP    | KP      |
|----------|-------|---------|
| DESIGNED | DRAWN | CHECKED |
|          |       |         |

SCALE: AS NOTED  
 DATE: NOVEMBER 22, 2019  
 PROJECT NO.: 2536-13  
 DRAWING NO.: MPT-01

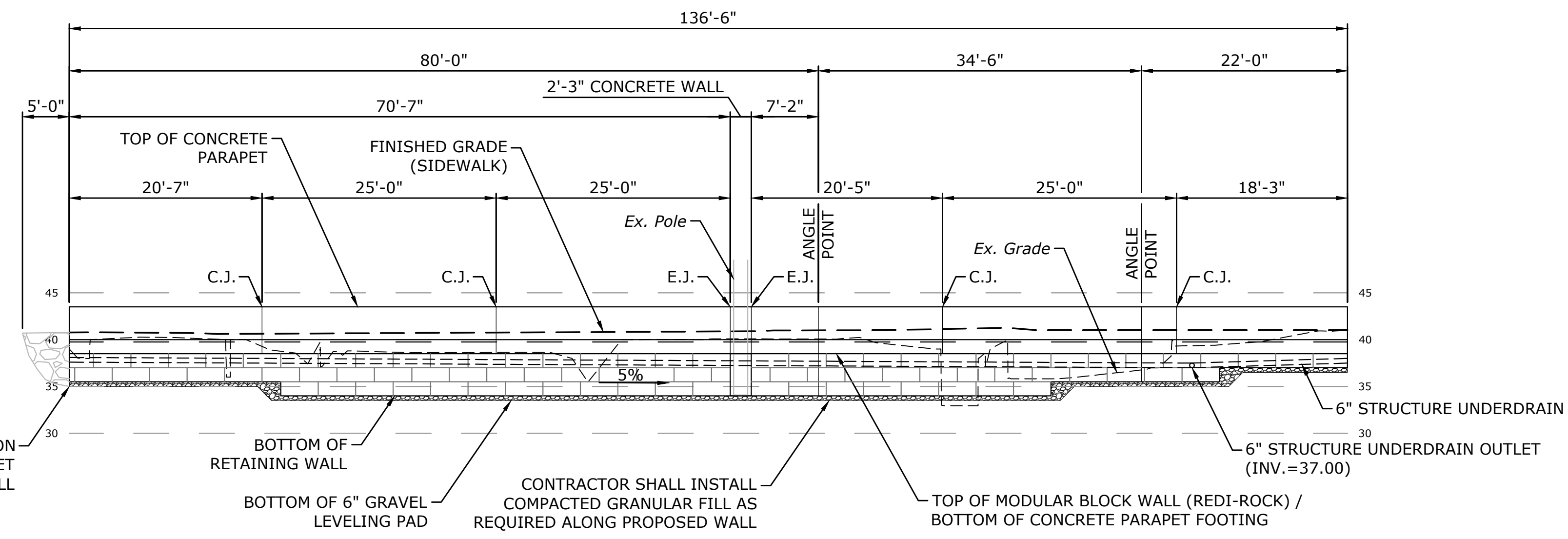
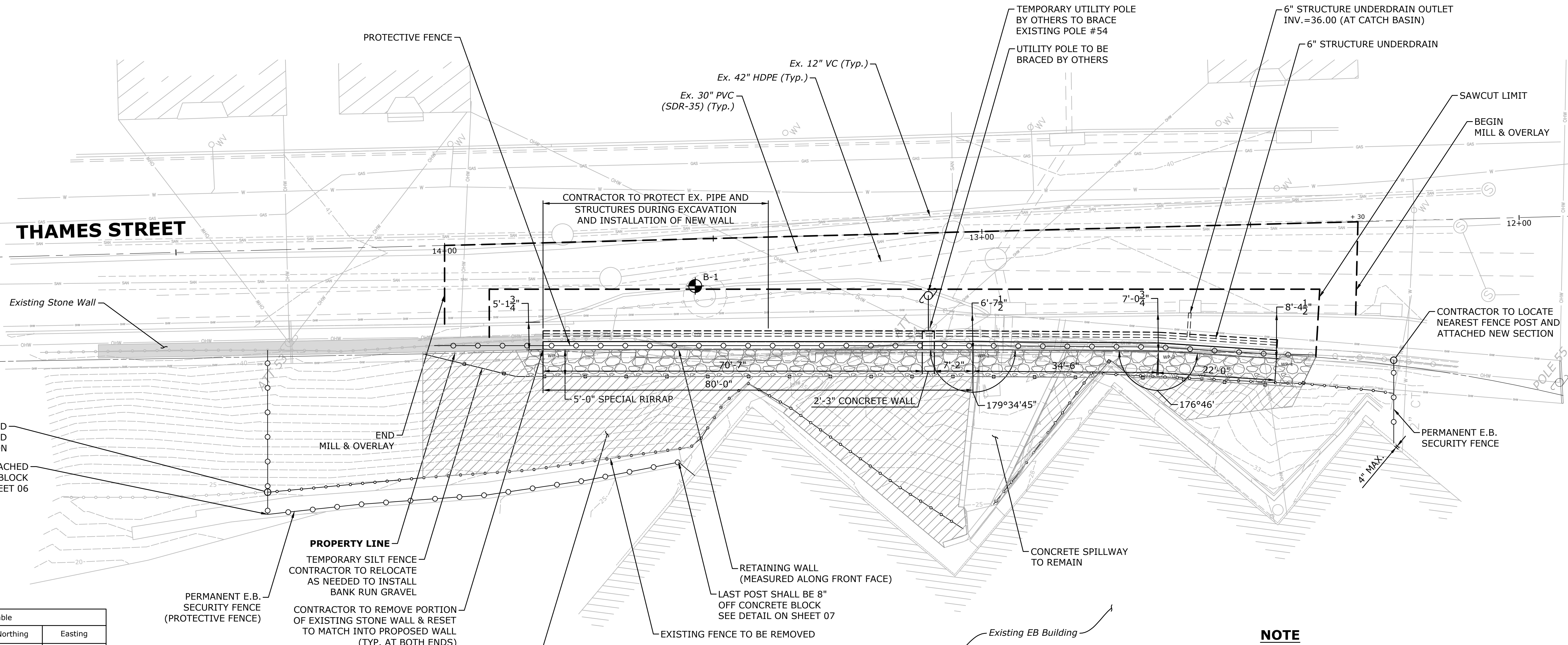
**03**



| DESCRIPTION    | DATE       | BY |
|----------------|------------|----|
| ADDENDUM NO. 2 | 12-04-2019 | KP |

**PROPOSED PLAN**  
**RECONSTRUCTION OF THAMES STREET WALL**  
**AT ELECTRIC BOAT**  
 THAMES STREET  
 GROTON, CONNECTICUT

| KP                      | NP    | KP      |
|-------------------------|-------|---------|
| DESIGNED                | DRAWN | CHECKED |
| SCALE: 1"=10'           |       |         |
| DATE: NOVEMBER 22, 2019 |       |         |
| PROJECT NO.: 2536-13    |       |         |
| DRAWING NO.: STR-01     |       |         |
| <b>05</b>               |       |         |



| Point # | Raw Description | Northing    | Easting      |
|---------|-----------------|-------------|--------------|
| 1       | WP-1            | 688478.3958 | 1184158.8808 |
| 2       | WP-2            | 688414.8270 | 1184207.4504 |
| 3       | WP-3            | 688387.2599 | 1184228.1941 |
| 4       | WP-4            | 688368.9633 | 1184240.4104 |

\* REMOVAL OF DEBRIS & REMNANTS OF EXISTING STONE WALL ON CITY OF GROTON'S RIGHT OF WAY TO BE PAID UNDER "CLEARING AND GRUBBING - SITE NO. 1"

\*\* REMOVAL OF DEBRIS ON ELECTRIC BOAT'S PROPERTY TO BE PAID UNDER "CLEARING AND GRUBBING - SITE NO. 2"

\*\*\* DEBRIS WILL CONSIST OF ASPHALT, ROCK, UN-PAINTED CONCRETE AND SOIL. EB WILL SUPPLY CONTAINERS TO DISPOSE OF ROCK > 6", ROCK < 6", CONCRETE, SOIL AND WILL BURDEN THE COST OF DISPOSAL. PLACE DEBRIS INTO CONTAINERS UP TO HALF THE HEIGHT OF CONTAINERS. NOTIFY EB WHEN CONTAINERS ARE TO BE REMOVED AND OR RETURNED.

**NOTE**  
 6" STRUCTURE UNDERDRAIN AND 6" STRUCTURE UNDERDRAIN OUTLET PIPE TO BE PAID UNDER ITEM "EMBANKMENT WALL (SITE NO. 1)"

|         |   |
|---------|---|
| + WP #1 | WORKING POINT   |
| E.J.    | EXPANSION JOINT   |
| C.J.    | CONTRACTION JOINT   |
|         | REMOVAL OF DEBRIS & PROPOSED 6" LAYER OF 3" CRUSHED STONE |

**NOTE**

- UTILITY POLE #54 SHALL BE HELD IN PLACE BY OTHERS DURING EXCAVATION IN CLOSE PROXIMITY CONTRACTOR TO COORDINATE.
- THE OVERHEAD UTILITIES SHALL BE SHIELDED BY OTHERS PRIOR TO CONSTRUCTION.

CONTRACTOR TO LOCATED NEAREST FENCE POST AND ATTACHED NEW SECTION  
 POSTS SHALL BE ATTACHED TO CONCRETE BLOCK SEE DETAIL ON SHEET 06

B-2

B-1

POLE #54

4" MAX.

CONTRACTOR TO LOCATE NEAREST FENCE POST AND ATTACHED NEW SECTION

PERMANENT E.B. SECURITY FENCE

CONTRACTOR TO REMOVE PORTION OF EXISTING STONE WALL & RESET TO MATCH INTO PROPOSED WALL

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