

# ESEK HOPKINS PARK TRAIL

## BATTEY MEETING HOUSE ROAD

SCITUATE, RHODE ISLAND

PREPARED MAY, 2024

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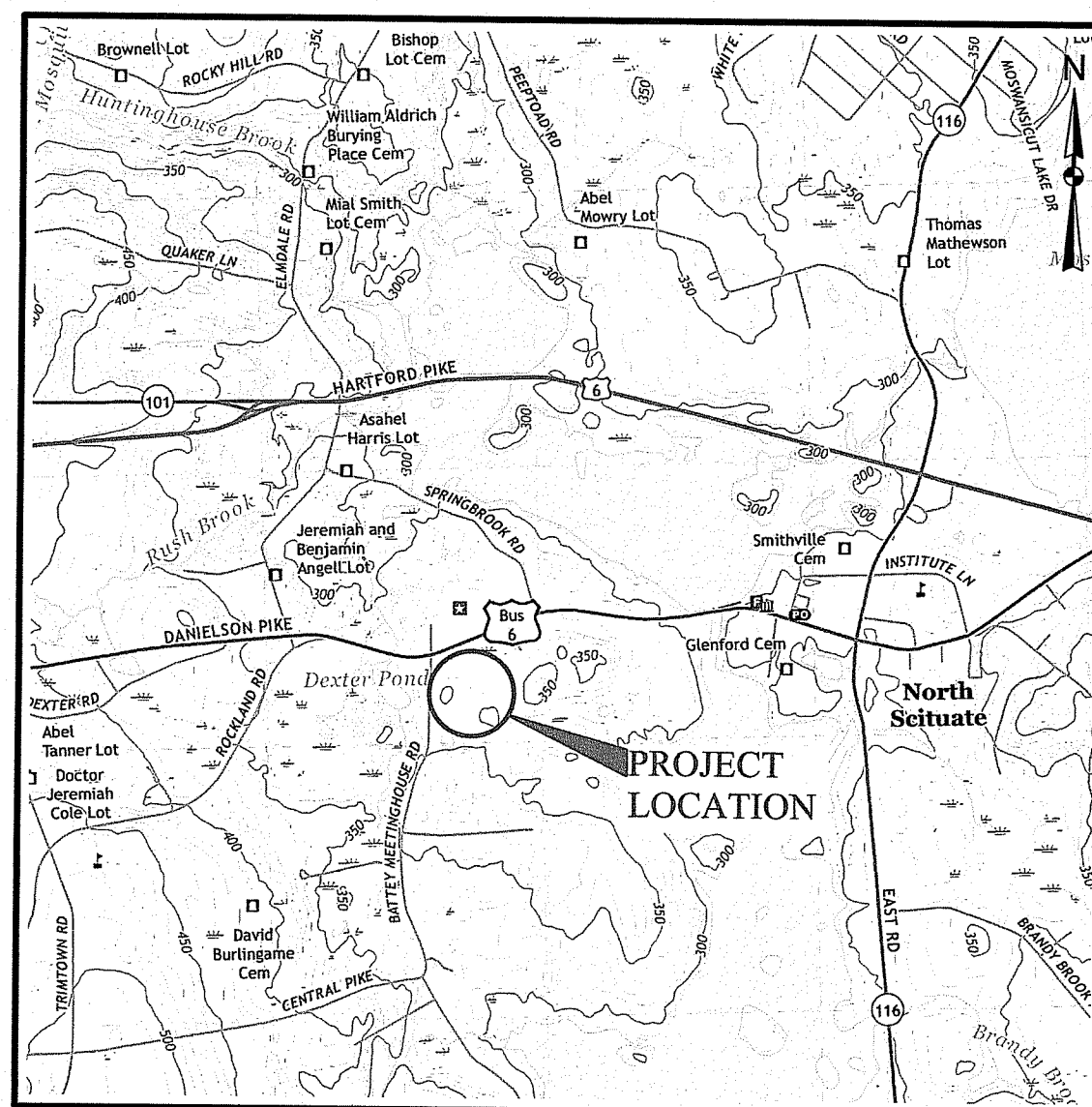
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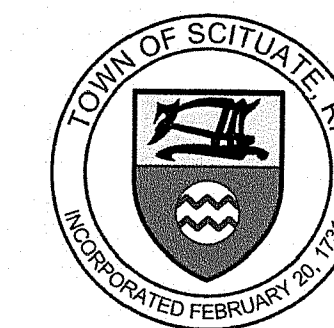
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LOCUS PLAN  
U.S.G.S. NORTH SCITUATE QUAD 2021



### PREPARED FOR:

#### Scituate Land Trust

Scituate Town Hall  
195 Danielson Pike  
North Scituate, RI 02857

### DESIGNER:

#### GZA GeoEnvironmental, Inc. Engineers and Scientists

ONE FINANCIAL PLAZA  
1350 Main Street, Suite 1400  
Springfield, MA 01103  
413-726-2100



### SURVEYOR:

#### InSite Engineering Services, LLC

InSite Professional Complex, Suite 1  
1539 Fall River Avenue  
Seekonk, MA 02771  
508-336-4500



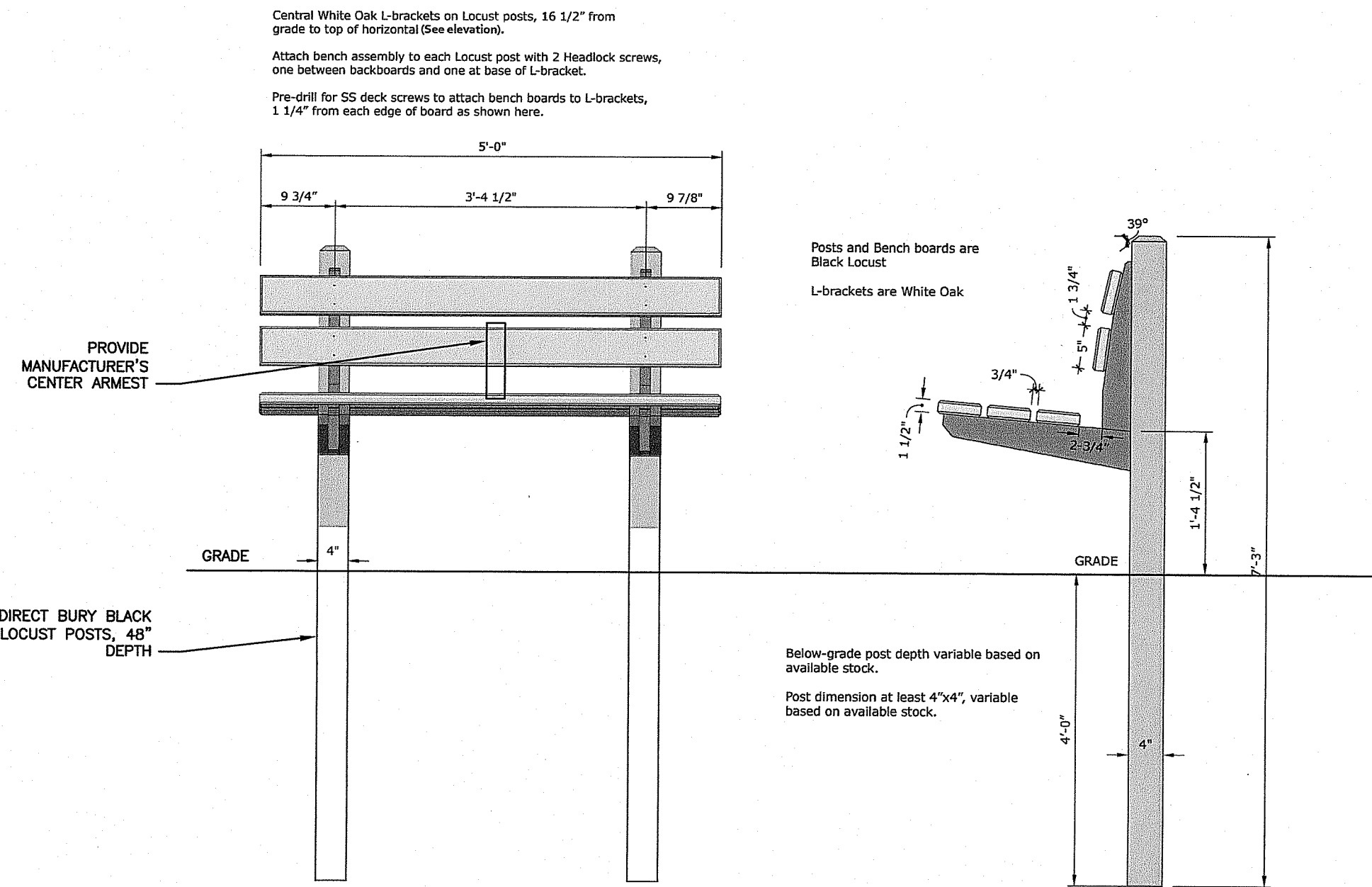




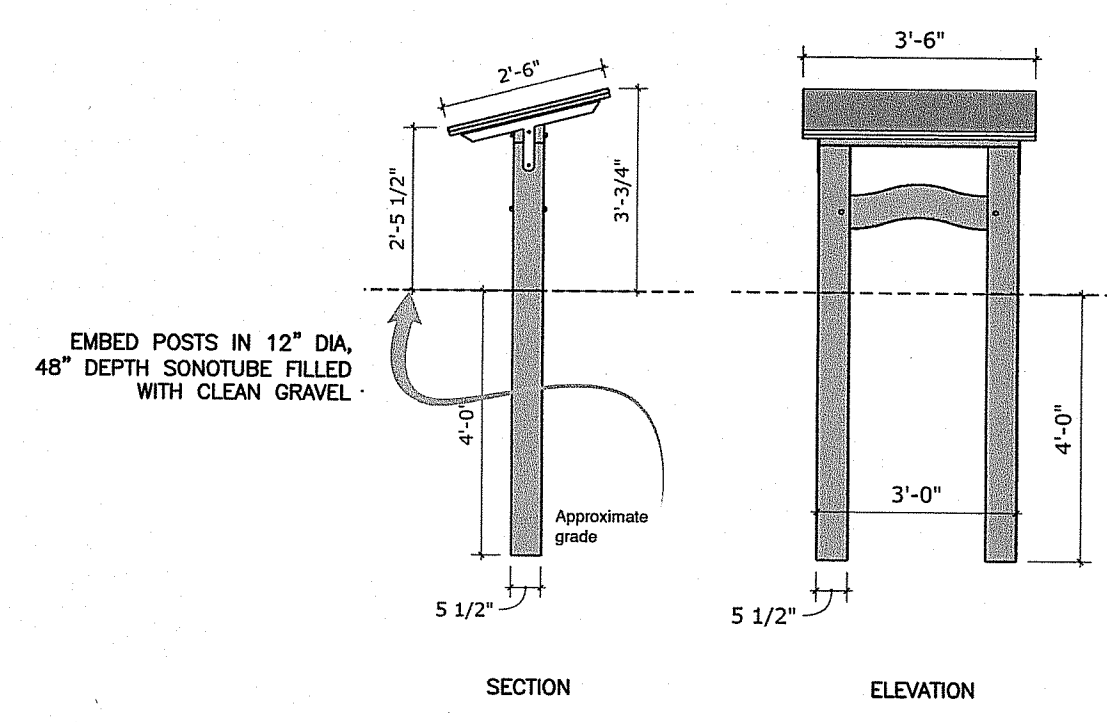




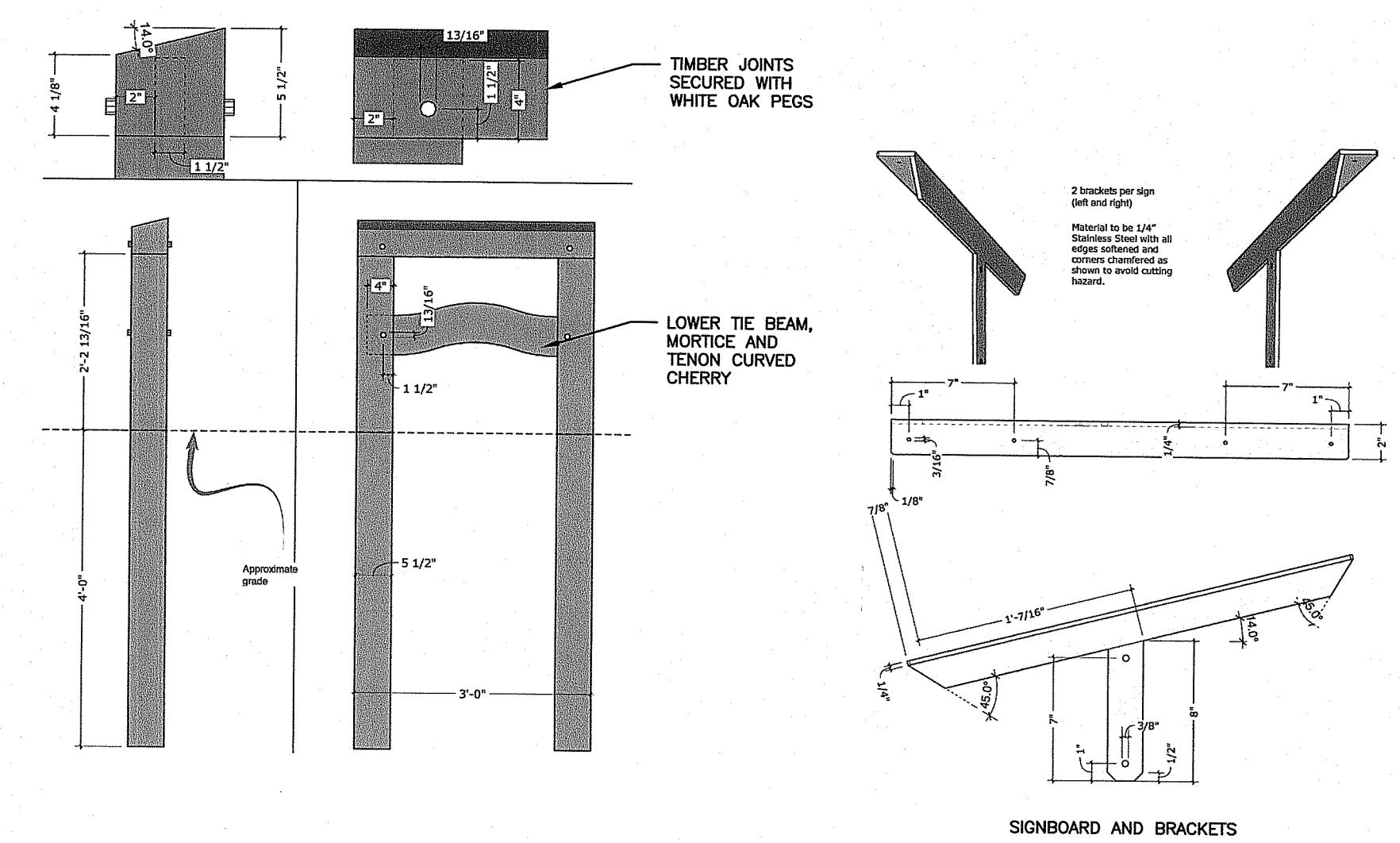




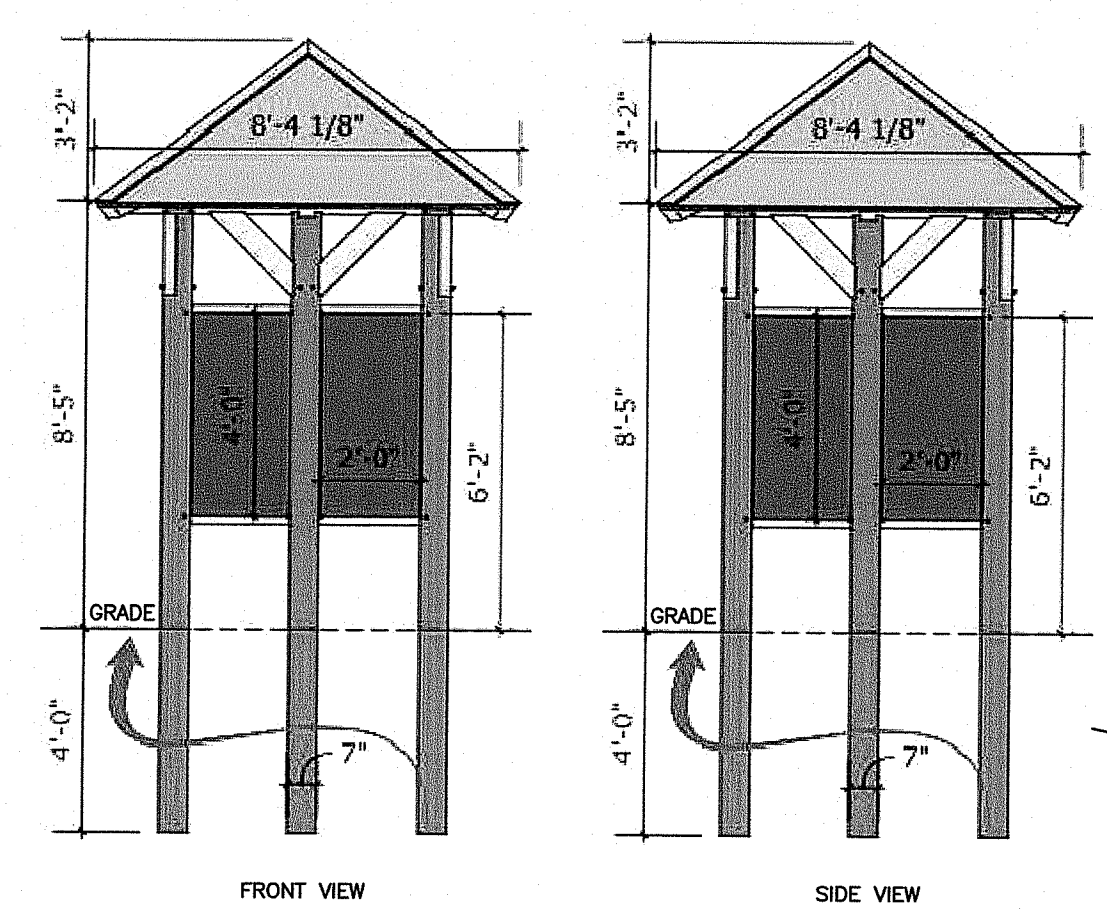
**A**  
**C-7** BID ALT 5: BENCH  
 NTS



- NOTES:
- POSTS AND HEADER ARE 5.5" X 5.5" LOCUST OR WHITE OAK WITH 1/2" CHAMFER THROUGHOUT
  - LOWER TIE BEAM IS MORTICE AND TENON CURVED CHERRY
  - BRACKETS ARE MADE OF STAINLESS OR POWDER COATED STEEL
  - PRINCIPAL TIMBER JOINTS SECURED WITH WHITE OAK PEGS



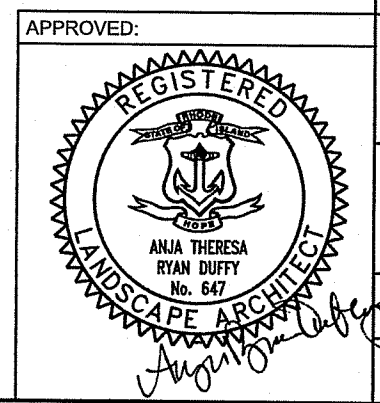
**C**  
**C-7** BID ALT 6: INTERPRETIVE SIGN FRAME  
 NTS



- NOTES:
- POSTS ARE BLACK LOCUST. ALL OTHER TIMBERS ARE WHITE PINE.
  - PRINCIPAL TIMBER JOINTS ARE SECURED WITH WHITE OAK PEGS.
  - POSTS ARE 7" X 7". GIRTS ARE 4" X 4". PLATES ARE 7" X 7". RAFTERS ARE 4" X 6". BRACES ARE 3" X 6". ROOF IS ROUGH SAWN PINE BOARDS WITH CEDAR SHINGLES AND COPPER RIDGE CAPS.
  - SIGNBOARDS ARE 3/4" TONGUE-IN-GROOVE EASTERN WHITE CEDAR.
  - KIOSK DESIGN IS BASED ON "TIMBER HOMES VERMONT FOUR-SIDED KIOSK". SIGNAGE KIOSK SHALL BE OF THE SAME MAKE AND MODEL BY TIMBER HOMES VERMONT, OR APPROVED EQUAL.

**B**  
**C-7** BID ALT 4: SIGNAGE KIOSK  
 NTS

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**ESEK HOPKINS PARK TRAIL  
 BATTEY MEETINGHOUSE ROAD  
 SCITUATE, RHODE ISLAND**

**SITE DETAILS II**

PREPARED BY: <b>GZA</b> GZA GeoEnvironmental, Inc. www.gza.com	PREPARED FOR: SCITUATE LAND TRUST TOWN OF SCITUATE
PROJ MGR: DCS DESIGNED BY: DCS DATE: MAY, 2024	REVIEWED BY: ARD DRAWN BY: DCS PROJECT NO.: 15.0167187.00
CHECKED BY: ES SCALE: AS SHOWN REVISION NO.	<b>C-7</b>

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## Model M54W Specification Sheet

### NSF Certification

The Clivus Model M54W is certified by the National Sanitation Foundation under Standard 41 (day-use, park).

### Capacity

**M54W VOLUME**  
Solids storage capacity: 78 cubic feet; 580 US gallons  
Liquid storage capacity: 49 cubic feet; 365 US gallons  
Daily capacity at average temp. +65°F: 60 visits  
Annual capacity at average temp. +65°F: 22,000 visits

### Specifications and Materials

#### DIMENSIONS

**Pre-fabricated Shipping Dimensions (2 pcs):**  
Length: 121", Width: 76.5", Height: 48"  
**Building:** Length: 122", Width: 85.5", Height: 114"  
**Kit Shipping Dimensions:**  
Length: 228" (2x7), Width: 85.5", Height: 72"

**Pre-fabricated Shipping Weight:**  
Base: 1,000 lbs, Building: 1,400 lbs  
Kit Shipping Weight: 2,400 lbs

**Assembled Building Dimensions:**  
Outside Length: 122", Width: 66", Height: 114"

**Building Enclosure (inside):**  
Inside Length: 82", Inside Width: 61"

**Composter Base:**  
Length: 121", Width: 76-1/2", Height: 48"

**MATERIALS**

**Composter Base**  
Composter Base is rotationally molded high-density linear polyethylene resin that conforms with the following specifications:

- Density (ASTM TEST #883): 0.942 g/cm3
- Tensile Strength at Yield (ASTM D638): 2950 psi
- Dart Impact (-40°C, 250 mils thickness): 108 ft/lbs
- Envl. Stress Crack Resistance, 100% Igepal (D1693): 550 hrs

**Building**  
Building walls are six structural insulated panels (SIP) with expanded polystyrene core with fiberglass reinforced plastic over OSB interior finish and OSB exterior surface finished with 1" rough-sawn pine board-and-batten (other exterior finishes optional). Door is 24 gauge cold rolled steel with zinc coating, factory painted medium gloss white, foamed-in-place polyurethane core; steel hinges; adjustable strikes; frame milled from 5/4 kiln-dried pine; door opening: 36" x 80". Fixed window is 36" x 24" frosted lexan. Standard exterior is board and batten.

**Toilet Options**  
**Waterless Toilet**  
Constructed of impact resistant fiberglass with sanitary white finish. Seat and lid are made of plastic; the liner is rotationally molded polyethylene. The toilet must be located directly over the composter, which is situated in a space or room below. The toilet is connected with a 14" diameter straight chute.

**Roof**  
Roof is two structural insulated panels (SIP) of 4" virgin expanded polystyrene faced with white fiberglass reinforced panels inside and OSB plywood outside for application of asphalt shingles or other finish.

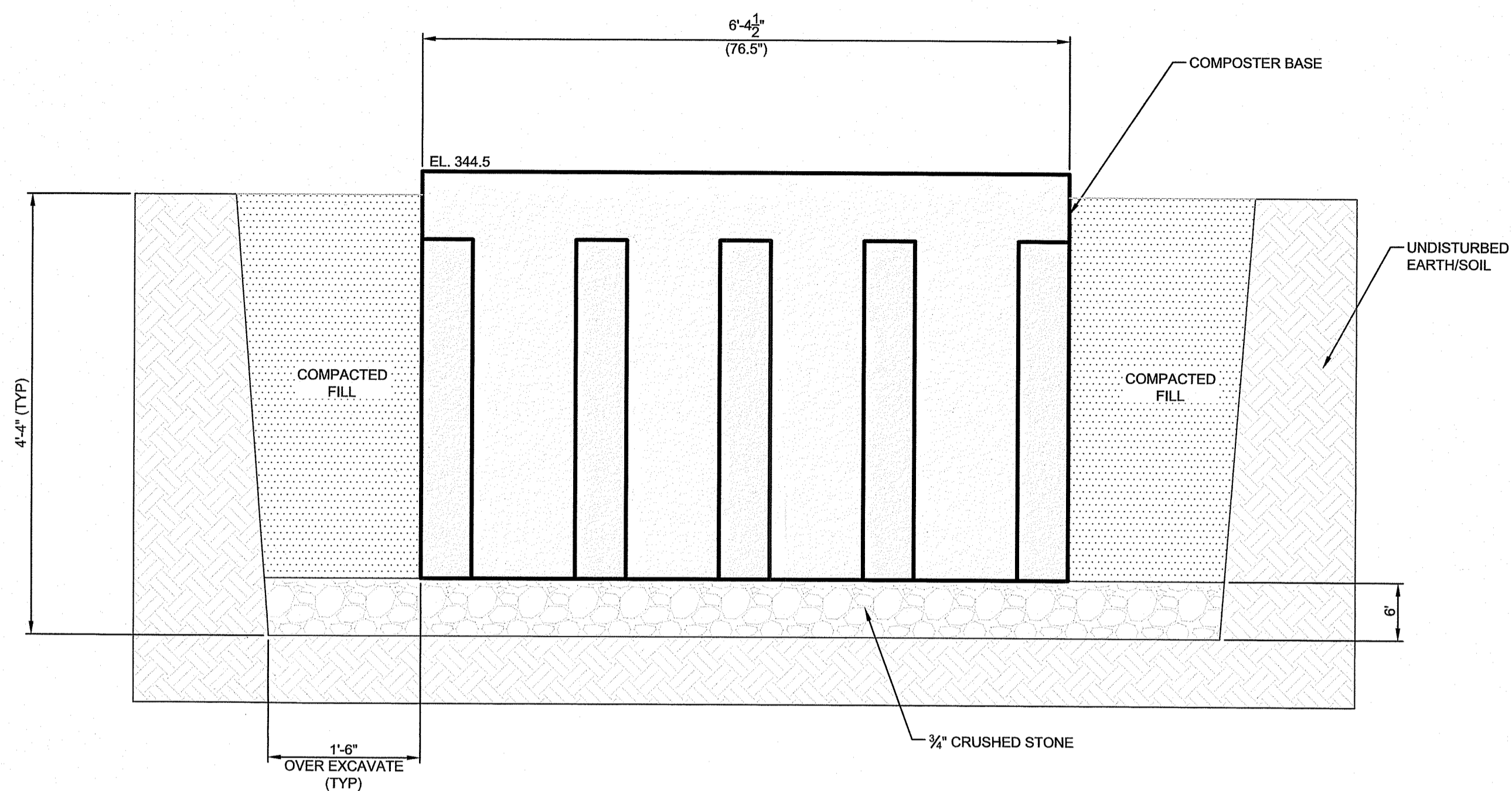
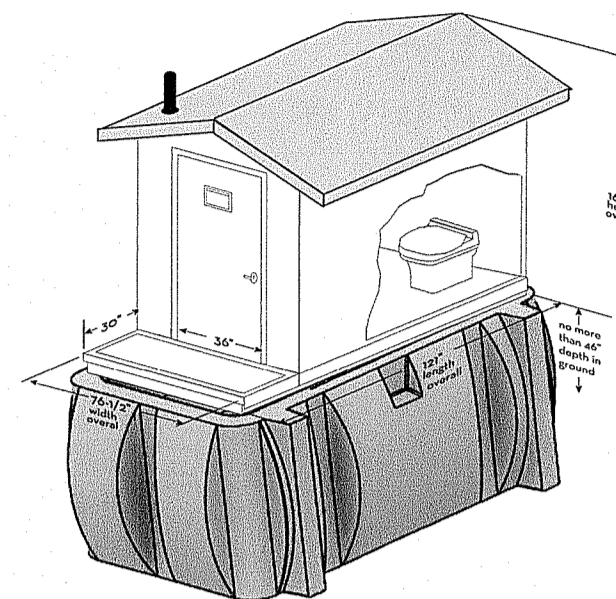
**Floor**  
Floor is expanded polystyrene core with 3/4" plywood underside with painted .016 aluminum skin and 7/16" plywood top surface with .08" non-skid rubber coating surface.

**Standard package ships pre-fabricated. Kit form is an option.**

**VENTILATION**  
DC: 12V fan. Maximum free air is 100 cfm. Power input is 3 watts. CSA & UL approved. DC fan is powered by an optional photo-voltaic system customized for location and site requirements. Call for quotation. AC fan also available.

**ADA COMPLIANT**  
The M54w Trailhead conforms to the requirements for universal access of the Americans with Disabilities Act.

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**Distributed by:** Clivus New England, Inc., PO Box 127, North Andover, MA 01845 | 978-794-9400 | clivusne.com



**A** SECTION - TYPICAL TOILET STRUCTURE BASE  
**C-8** NTS

### GENERAL SITE CONSTRUCTION NOTES:

- ALL OTHER DESIGN, CONSTRUCTION, AND MAINTENANCE REQUIREMENTS, WHETHER NOTED HEREIN OR NOT, SHALL BE IN CONFORMANCE WITH THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT'S (RIDEM) RULES ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS DATED JULY 1, 2022.
- INSTALLER SHALL APPLY WITH ADDITIONAL TERMS OF APPROVAL PER RIDEM
- PROJECT BENCHMARK IS THE EXISTING CATCH BASIN RIM AT 344.91.
- THERE ARE NO EXISTING OR PROPOSED PRIVATE DRINKING WATER WELLS WITHIN 100-FEET OF PROPOSED COMPOSTING TOILET.
- THERE ARE NO EXISTING OR PROPOSED PUBLIC DRINKING WATER WELLS WITHIN 500-FEET OF PROPOSED COMPOSTING TOILET.
- INSTALLER SHALL MAINTAIN A COPY OF THE APPROVED PLAN SET ON SITE AT ALL TIMES DURING CONSTRUCTION
- IF THE INSTALLER ENCOUNTERS UNANTICIPATED CONDITIONS DURING CONSTRUCTION THAT WOULD PREVENT THE TOILET FROM BEING INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS, THE INSTALLER SHALL STOP CONSTRUCTION AND NOTIFY THE DESIGNER.
- THE INSTALLER SHALL NOTIFY DIGSAFE AND VERIFY THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE INSTALLER SHALL COMPACT SOIL UNDERNEATH AND AROUND THE COMPOSTING TOILET UNIT.
- REMOVE ANY TREES AND SHRUBS THAT ARE WITHIN 10-FEET OF SYSTEM COMPONENTS PRIOR TO CONSTRUCTION.
- SILT FENCE TO BE INSTALLED BEFORE THE START OF CONSTRUCTION.
- THE COMPOSTING TOILET SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

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**ESEK HOPKINS PARK TRAIL  
BATTEY MEETINGHOUSE ROAD  
SCITUATE, RHODE ISLAND**

### SITE DETAILS III

PREPARED BY: <b>GZA GeoEnvironmental, Inc.</b> www.gza.com		PREPARED FOR: <b>SCITUATE LAND TRUST TOWN OF SCITUATE</b>	
PROJ MGR: DCS	DESIGNED BY: DCS	REVIEWED BY: ARD	CHECKED BY: ES
DATE: MAY, 2024	DRAWN BY: BM	PROJECT NO.: 15.0167187.00	SCALE: AS SHOWN
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