



September 1, 2021
(sent via email)

New Bedford Department of Public Infrastructure
1105 Shawmut Avenue
New Bedford, MA 02746
Attn: Jamie Ponte (Commissioner)

**RE: 40 Edison Street, New Bedford, MA
Stormwater Design**

Dear Mr. Ponte:

River Hawk Environmental, LLC (RHE) has recently directed the closure of two (2) underground storage tanks (USTs) on the northern portion of 40 Edison Street in New Bedford, MA (the Subject Property). UST Closures were conducted in accordance with the provisions of 310 CMR 80.00: Underground Storage Tank (UST) Systems and 310 CMR 40.00: The Massachusetts Contingency Plan (MCP). Petroleum hydrocarbon impact was discovered, at depths as great as approximately 15-feet below grade, during UST closure activities. The impacts will be managed in accordance with the requirements of the MCP under a Release Tracking Number (RTN). It is not feasible to reduce petroleum hydrocarbon impacts in soil to Background Levels. Refer to the attached figure for a graphical depiction of the area of impact.

It is the opinion of RHE that the infiltration of roof drain water to the area of impact may result in the contamination of the underlying aquifer and/or migration of residual petroleum hydrocarbon impacts. Therefore, we propose that infiltration fields within and in the vicinity of the area of impact be eliminated. We also recommend that detention not be required, since the site design will result in an overall decrease of the rate and volume of stormwater runoff.

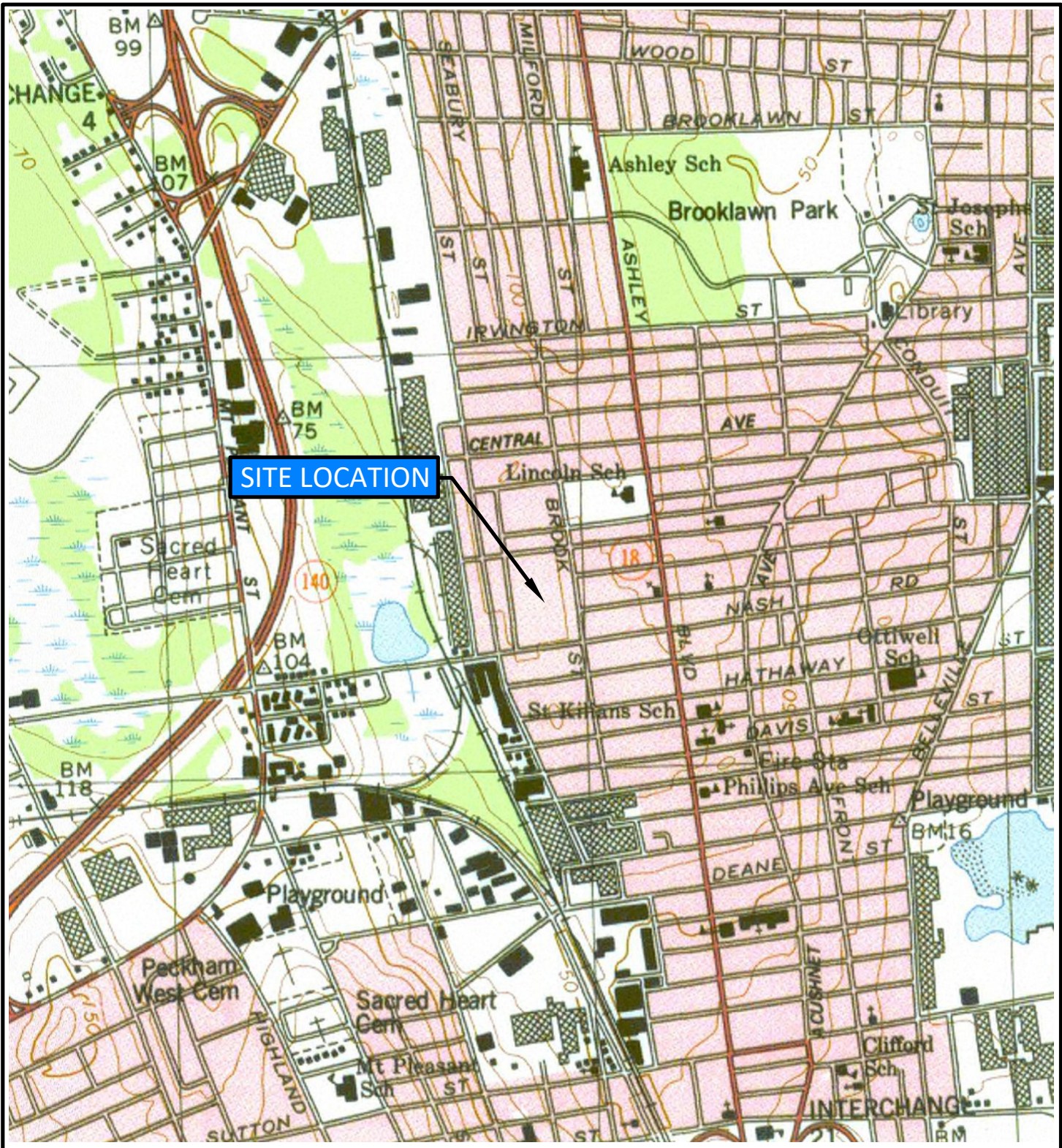
Will you please confirm that these design improvements are acceptable to you? In the interim, if you have any questions or comments, please do not hesitate to contact me.

Sincerely,

River Hawk Environmental, LLC

A handwritten signature in black ink, appearing to read "R. S. Rego", is placed below the company name.

Robert S. Rego, PE, LSP
Manager, Senior Engineer



River Hawk

ENVIRONMENTAL
CIVIL & ENVIRONMENTAL ENGINEERING

2183 OCEAN STREET
MARSHFIELD, MA 02050

TEL: 781-536-4639
www.RiverHawkLLC.com

DRAWING TITLE

FIGURE 1 - SITE LOCATION PLAN

PROJECT

40 EDISON STREET
NEW BEDFORD, MA

CLIENT

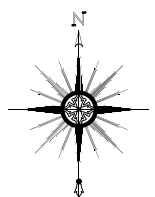
BRAVO DEVELOPMENT, LLC
NORTH DARTMOUTH, MA

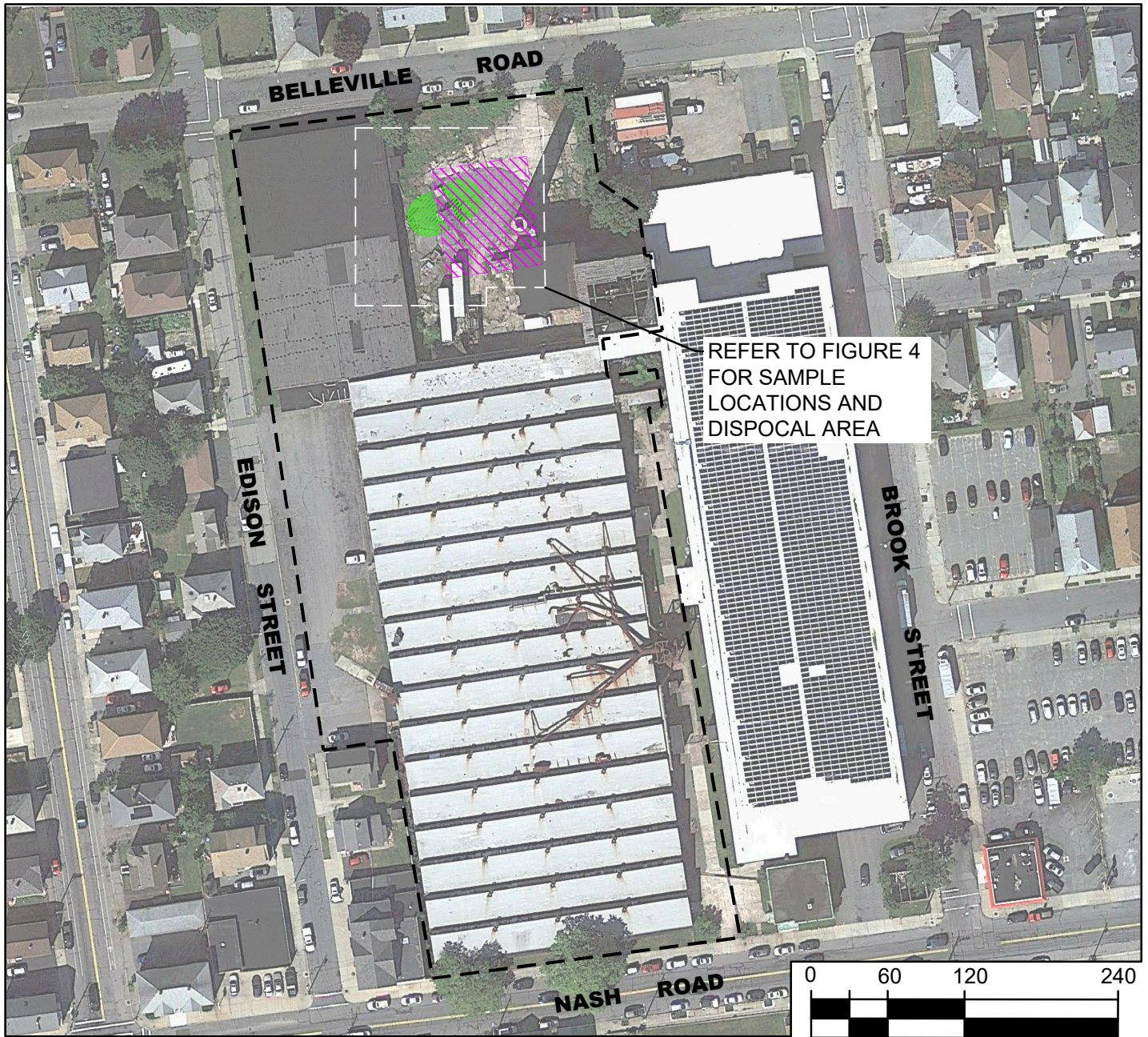
APPROX. SCALE:
1" = 1000'

DATE:
AUG. 10, 2021

DRAWN BY: JRC

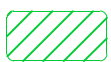
CHECKED BY: WPK





NOTE: ALL DETAILS ARE APPROXIMATE AND ARE NOT THE RESULT OF A FIELD SURVEY.

LEGEND



APPROXIMATE LOCATION
OF UNDERGROUND
STORAGE TANK



SUBJECT PROPERTY LIMITS (APPROX.)



LIMITS OF DISPOSAL SITE

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MARSHFIELD, MA 02050

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www.RiverHawkLLC.com

DRAWING TITLE

FIGURE 4 - SOIL/GROUNDWATER SAMPLE
LOCATION PLAN

PROJECT

40 EDISON STREET
NEW BEDFORD, MA

CLIENT

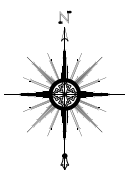
BRAVO DEVELOPMENT, LLC
NORTH DARTMOUTH, MA

APPROX. SCALE:
AS SHOWN

DATE:
AUG. 17, 2021

DRAWN BY: PJK

CHECKED BY: WPK



MassDEP - Bureau of Waste Site Cleanup

Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

Site Information:

305 NASH ROAD NEW BEDFORD, MA

NAD83 UTM Meters:
4614619mN, 338952mE (Zone: 19)
June 24, 2021

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at:
<https://www.mass.gov/orgs/massgis-bureau-of-geographic-information>



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail	PWS Protection Areas: Zone II, WPA, Zone A
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct	Hydrography: Open Water, PWS Reservoir, Tidal Flat
Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam	Wetlands: Freshwater, Saltwater, Cranberry Bog
Aquifers: Medium Yield, High Yield, EPA Sole Source	FEMA 100yr Floodplain; Protected Open Space; ACEC
Non Potential Drinking Water Source Area: Medium, High (Yield)	Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert, Potential
	Solid Waste Landfill; PWS: Com. GW, SW, Emerg, Non-Com

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DRAWING TITLE

FIGURE 3 - MASS GIS ENVIRONMENTAL PLAN

PROJECT

40 EDISON STREET
NEW BEDFORD, MA

CLIENT

BRAVO DEVELOPMENT, LLC
NORTH DARTMOUTH, MA

APPROX. SCALE:

NTS

DATE:

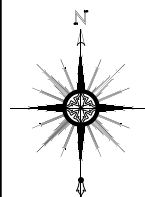
AUG. 10, 2021

DRAWN BY:

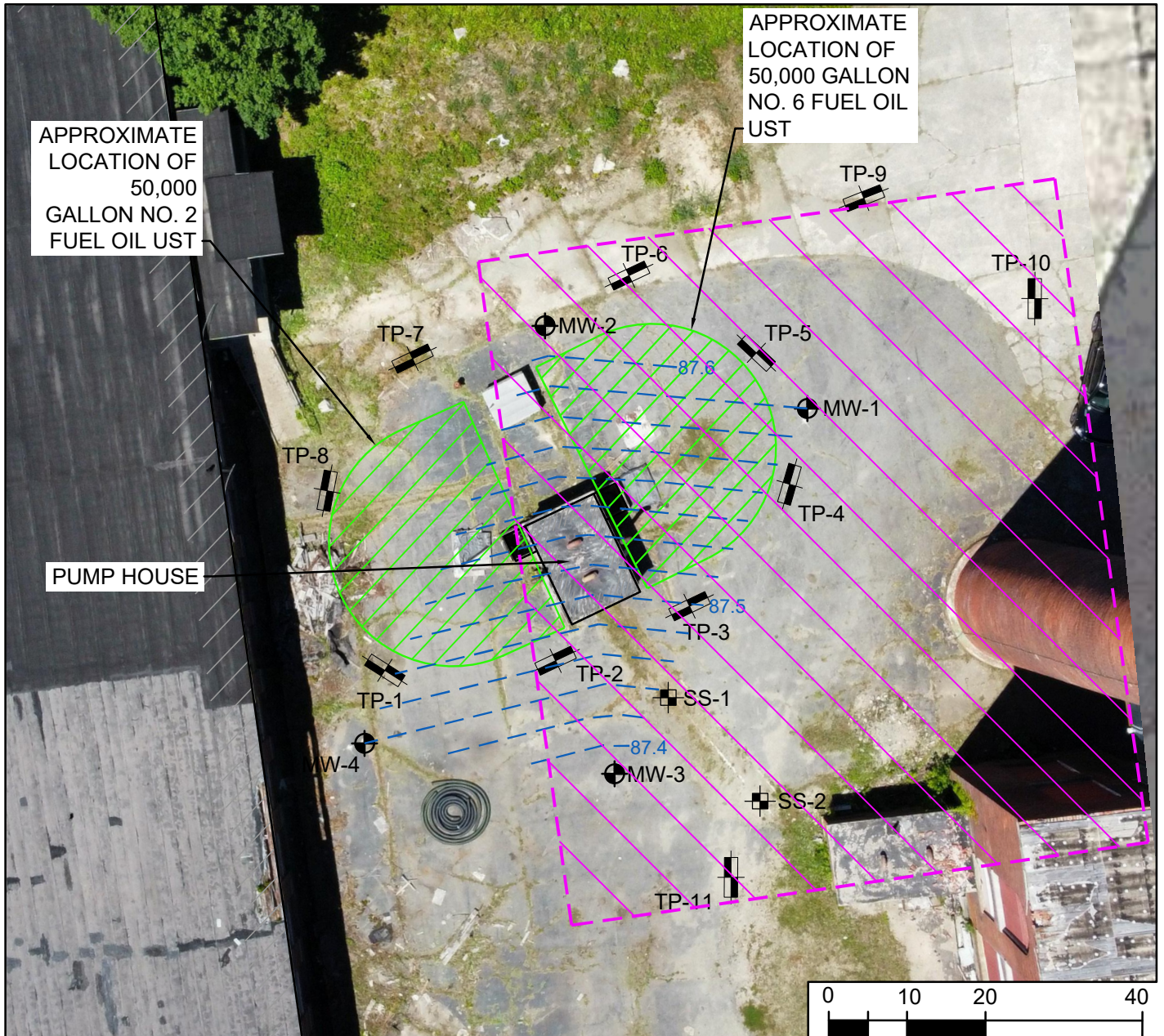
JRC

CHECKED BY:

WPK

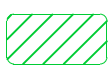


\$(GETVAR,??)



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LEGEND



APPROXIMATE LOCATION
OF UNDERGROUND
STORAGE TANK



LIMITS OF DISPOSAL SITE



GROUNDWATER CONTOUR



TEST PIT



SOIL SAMPLE LOCATION



MONITORING WELL
(INSTALLED BY OTHERS)

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DRAWING TITLE

FIGURE 4 - SOIL/GROUNDWATER SAMPLE
LOCATION PLAN

PROJECT

40 EDISON STREET
NEW BEDFORD, MA

CLIENT

BRAVO DEVELOPMENT, LLC
NORTH DARTMOUTH, MA

APPROX. SCALE:
AS SHOWN

DATE:
SEPT. 2, 2021

DRAWN BY: PJK

CHECKED BY: WPK

