

**Soil Remediation
Storm Water Pollution Control Plan**

**Former Mount Trashmore Site
329 Central Avenue
Bridgeport, Connecticut**

November 2015

Prepared For:

City of Bridgeport
Office of Planning & Economic Development
999 Broad Street – 2nd Floor
Bridgeport, Connecticut 06604

Prepared By:

AECOM
500 Enterprise Drive
Rocky Hill, Connecticut 06067



**FORMER MOUNT TRASHMORE - SOIL REMEDIATION
STORMWATER POLLUTION CONTROL PLAN**

TABLE OF CONTENTS

1.0 INTRODUCTION 1

 1.1 Plan Implementation 1

 1.2 Limitations of the SWPCP and Plan Amendment 2

2.0 PROPOSED ACTIVITIES 3

 2.1 Description of Site and Remedial Activities 3

 2.2 Limits of Temporary Ground Disturbance 5

 2.3 Stormwater Flow and Adjacent Resource Areas 5

 2.4 Construction Sequence of Remediation Activities 5

 2.5 Other Measures 6

 2.6 Environmental Compliance, Training and Inspection 7

 2.7 Operation and Maintenance 7

 2.8 Post Remediation Conditions 7

 2.9 Emergency Procedures 8

3.0 EROSION AND SEDIMENT CONTROLS 9

 3.1 Sources of Erosion, Sediment and Stormwater Runoff 9

 3.1.1 General Site Activities 10

 3.1.2 Clearing and Grubbing 10

 3.1.3 Excavation and Transport of Soil 10

 3.2 Temporary Erosion and Sediment Controls 10

 3.3 Permanent Sediment and Erosion Controls 13

 3.4 Other Controls 14

 3.4.1 Waste Management 14

 3.4.2 Chemical and Petroleum Product Containers 15

 3.5 Inspection, Maintenance, Monitoring and Reporting for Erosion and Sediment Controls 16

 3.6 Changes and Amendments to the SWPCP 19

4.0 PLAN CERTIFICATION 20

 4.1 Permittee Certification 20

 4.2 Preparer Certification 21

 4.3 Contractor Certification 22

 CT DEEP Natural Diversity Data Base Letter 27

**FORMER MOUNT TRASHMORE – SOIL REMEDIATION
STORMWATER POLLUTION CONTROL PLAN**

**TABLE OF CONTENTS
(continued)**

FIGURES

Figure 1 – Site Location Map

Figure 2 – Project Schedule

APPENDICES

**Appendix A – General Permit for the Discharge of Stormwater and Dewatering Wastewaters
Associated with Construction Activity**

Appendix B – General Permit Registration

Appendix C – USDA NRCS Soils Classification

Appendix D – CT DEEP Natural Diversity Data Base Letter

Appendix E – Bridgeport Planning & Zoning Coastal Site Plan Review Approval

Appendix F – Inspection and Maintenance Records

Appendix G – Contractor / Subcontractor Certification Statements

ATTACHMENTS

Remedial Design Drawings

Former Mount Trashmore – Soil Remediation Storm Water Pollution Control Plan

1.0 INTRODUCTION

This Storm Water Pollution Control Plan (SWPCP) has been developed for soil remediation at the former Mount Trashmore site located in Bridgeport, Connecticut. The proposed work at this site involves remediation of impacted soils in preparation for the potential future redevelopment of the Site. The remedial activities will disturb approximately the entire 1.4 acres of the site, and storm water discharges that occur during these activities will be in accordance with the Connecticut Department of Environmental Protection *General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities*. A copy of this General Storm Water Permit is provided in Appendix A. This SWPCP also incorporates the requirements specified in the 2002 Connecticut Soil Erosion and Sediment Control Guidelines (Guidelines).

Stormwater discharges from the project could occur during the proposed soil remediation activities as sheet flow, and at times concentrated point source discharges may occur. These discharges will comply with the requirements of the General Storm Water Permit and are identified in the registration for the permit. A copy of the registration package is included in Appendix B. In addition, this plan is also in compliance with local soil erosion and sediment guidelines.

1.1 Plan Implementation

The remedial actions at this site will address the impacts to site soil, removal of an UST and, if present, any heavily impacted soils adjacent to this subsurface structure will be removed.

The execution of this work risks impacting Johnson's Creek, an arm of Bridgeport Harbor, and its receiving waters by disturbance of the soils and current site hydrological conditions. This plan addresses this risk of pollution caused by soil erosion and sedimentation during and immediately following the remediation activities. Specifically, this plan discusses the sediment control measures to be used on site to ensure sediment migration does not occur, and also requires that all liquid wastes that are generated will be removed and disposed of at a permitted, off-site facility.

A copy of this plan will be kept at the remediation site throughout the remedial activities, and will be retained on record by the City of Bridgeport, as permittee, for at least five years following completion of the remedial activities.

Copies of this SWPCP will be distributed to responsible parties associated with the project. The SWPCP will be maintained in the field office during construction. The project Contractor will be responsible for the implementation of this SWPCP. The Contractor will sign the contractor certification statement included in Appendix G.

1.2 Limitations of the SWPCP and Plan Amendment

This SWPCP is designed to be adaptable and may require the use of professional judgment exercised in the field. The specific erosion control measures contained in this document are expected to be the minimum necessary. Measures providing greater protection may be needed in some areas, depending on specific site conditions and the nature of construction activity. In this case, the configuration of erosion control measures in the field will be modified to ensure compliance with the Guidelines.

If required, this plan will be amended to remain in compliance with the requirements of the storm water general permit for construction activities because of specific or changing site conditions. Specifically, this plan will be amended whenever one of the following occurs:

- If there is a change in remedial design, operation or maintenance at the site, which has a significant effect on the potential for the uncontrolled discharge of pollutants;
- If there is a change in any contractor or subcontractor whose activities could potentially cause storm water pollution; or,
- If the plan is ineffective in eliminating or significantly minimizing pollutants from sources or in otherwise achieving the general objectives of controlling pollutants in the storm water.

In summary, the plan will be amended at any time it is determined to not meet the minimum requirements of the storm water general permit.

2.0 PROPOSED ACTIVITIES

Site remediation will involve removal of an UST and adjacent impacted soil and disposal off-site, grading of existing contaminated soil on-site, relocating certain areas of contaminated soil to beneath the future redevelopment building slab, importing and placing cover material over the regraded contaminated soils on-site, constructing of a retaining wall to facilitate fill placement on-site and site restoration. The remedial design drawings (attached at the end of this SWPCP) show the areas of soil disturbance and the major grading activities for the contaminated soil. Design plans for the remedial activities also specify the interim grades to be established. The remedial design plans indicate the final resulting slopes and drainage patterns as well.

Following remediation, the site surface will be entirely covered by imported fill material to help elevate the future building pad above the 100-year flood plain. Prior to remediation activities, an erosion and sedimentation control system (hay bales, silt fence, anti-tracking pads, and other controls) will be installed in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control (CT DEEP, 2002). These erosion and sedimentation control measures will be maintained throughout the Site remediation.

Some areas will be excavated, relocated, and re-graded to accommodate the final site redevelopment grading plans. The impacted soils will be graded to elevations (interim remedial grades) that will allow placement of imported fill materials above the underlying contaminated soil. The placement of imported soil cover material above the impacted soils will also help to satisfy the RSR requirements for inaccessible soil. Impacted soils will not be placed below the water table or in areas subject to erosion.

2.1 Description of Site and Remedial Activities

The Site is bordered by Trowel Street to the North, Jefferson Street to the south, Central Avenue and Johnson's Creek to the east, and Suggetts Lane and residential parcels to the west, as shown in Figure 1. The site is presently undeveloped and is approximately 1.4 acres in size; therefore, at no time during the remediation will an area greater than this be disturbed.

The site was originally a trucking terminal in the 1960s and 1970s; the buildings associated with this business were demolished in the early 1990s. This area was also used to store waste

demolition debris until 1992; CT DEEP records indicate that this debris was removed in January 1993.

Surficial soils throughout the site consist primarily of historic urban fill over original deposits of glacial and tidal sediments. The fill material varies in composition and thickness, but typically consists of sand and gravel, and in the southwestern corner of the Site includes ash/cinders, glass, plastic, brick, concrete, construction debris, and wood, which was historically placed to provide land for development adjacent to Johnson's Creek. The fill varies in thickness between a thin veneer to 10 feet. No inland or tidal wetlands have been identified at or nearby the site. All vegetation on site has been identified as overgrown weeds; therefore, no measures are required to preserve on-site vegetation.

Remediation activity for the site will disturb the entire site, and these remedial actions will only address on-site soil remediation. The entire site will be re-graded as necessary and covered with imported fill to meet Connecticut Remediation Standard Regulations (RSR) upon completion of future site redevelopment. In the areas where the required fill thickness cannot be met, an engineered control (EC) will be applied to ensure that the contaminated soils remain inaccessible to future exposure. Grossly contaminated soil (if encountered) will be excavated and disposed off-site. Existing contaminated soil exceeding the I/C DEC will be remediated by placing an adequate amount of cover material and pavement or landscaping over the impacted soil to render the soil inaccessible. Existing soil with GB PMC exceedances will be removed and relocated to beneath the future redevelopment building to render this soil environmentally isolated following completion of the future site redevelopment.

Groundwater at the site has been classified as GB by the CT DEEP, and depth to groundwater ranges from 1-8 ft below ground surface (bgs). Groundwater on the site flows from west to east toward Johnson's Creek, an embayment of Bridgeport Harbor, which is classified by CT DEEP as a class SC/SB surface water. However, previous investigation indicates that the groundwater flow direction is tidally influenced. The entire site is within the 100-year flood zone designated by FEMA, and a general flood management certification for minor activities has been submitted. Site groundwater analyses and evaluation are not included within the proposed soil remedial actions.

During the remediation, all liquid wastes that are generated, including decontamination fluids and possible NAPL and/or wastewater encountered, will be removed and disposed of at a permitted, off-site facility.

2.2 Limits of Temporary Ground Disturbance

The limits of disturbance for remediation, restoration, and the associated sediment and erosion controls are shown on the remedial design drawings. The total area of disturbance anticipated for remedial activities is approximately 1.4 acres.

2.3 Stormwater Flow and Adjacent Resource Areas

The Site's existing slope grades east towards Johnson's creek at an approximate 1.6% gradient; this was determined through previous surveyor work. This slope is relatively consistent throughout the entire site. The USDA NRCS and CT DEEP sources classify the Site soils as well-drained urban land (Appendix C); however, the site does contain remnant reinforced concrete slabs and pavement, which increases runoff. Across the site, stormwater enters the ground primarily by seepage and infiltration. Sheet runoff flows from the site and is collected in the municipal storm drainage in the adjacent streets. Stormwater flows from the municipal storm drainage discharge to nearby receiving waters, most likely Johnson's Creek. The average runoff coefficient for the site in its current condition is 0.58. Remedial activities will decrease this value as the existing concrete pad will be covered with fill. Following remediation, the average runoff coefficient for the site will be 0.34.

Currently, there are no well-defined existing point source storm water discharges from the areas of remediation activities, but concentrated point source discharge may occur and may vary with time and condition of the site characteristics. Johnson's Creek is the only receiving surface water body that will receive stormwater discharge from the site.

2.4 Construction Sequence of Remediation Activities

The intent of the remediation activities is to remove the UST on site, then render the remaining contaminated soil inaccessible, environmentally isolated, or disposed off-site depending on the RSR criteria exceedances. These areas will be subsequently graded and covered with fill to be

suitable for the later development activities. The anticipated sequence of major construction activities is as follows:

- (1) Install silt fence, construction entrances, and other erosion control measures;
- (2) Clear and grub existing vegetation across the site;
- (3) Remove concrete pad to remove the UST and facilitate future grading;
- (4) Excavated UST and grossly impacted soil associated with it will be removed and disposed of at an appropriate off-site facility;
- (5) Complete excavation and relocation on-site of localized PMC exceedance soil;
- (6) Regrade I/C DEC soils to facilitate rendering them inaccessible beneath imported cover material;
- (5) Place imported fill over all remaining contaminated. Fill depths will be as specified in the remedial design documents;
- (6) Site restoration including topsoil and seeding; and,
- (7) Ongoing operation and maintenance of erosion and sedimentation controls.

The temporary sediment and erosion controls installed will be monitored and maintained throughout the duration of the project and until restoration measures are completely established. The specific remedial excavation areas and the anticipated restoration (including seed mix and planting dates) are shown on the remedial design drawings.

Normal onsite working hours will occur between 7 AM and 5 PM, Monday through Friday. The estimated schedule for the site remediation activities is shown in Figure 2. Remediation field activities are tentatively expected to begin in early 2016.

2.5 Other Measures

In accordance with the permit registration, follow up with the Natural Diversity Database (NDDDB) was requested, as the Site is within the ¼ mile of the critical habitat as identified by CT DEEP. The NDDDB group has reviewed the area and the relevant NDDDB maps and files, and has determined that negative impacts to State-listed species are not anticipated. A copy of the NDDDB review letter is included in Appendix D.

Additionally, the Site is subject to the additional authorization required of activities within the CT DEEP approved Coastal Boundary. A request was sent to the municipality for review of the

proposed project activities to ensure consistency with goals and policies in section 22a-92 of the Connecticut General Statutes and that these activities will not cause adverse impacts to coastal resources as defined in section 22a-93(15) of the Connecticut General Statutes. The Bridgeport Planning & Zoning Commission approved this Coastal Site Plan Review (copy of local approval letter included in Appendix E).

The Site has also been assessed in accordance with CT DEEP historic preservation review, and the proposed site does not have the potential for historic/ archaeological resources.

2.6 Environmental Compliance, Training and Inspection

The City of Bridgeport will employ professionally trained inspector(s) to provide routine monitoring during and after construction to assure compliance with this SWPCP. The City and its inspector(s) will work with the Contractor to review the environmental requirements of the project with all field personnel.

During construction, the City will employ construction oversight personnel who have the authority to assess and evaluate construction related activity to document compliance with environmental conditions of local, state and federal agency permits and/or approvals. Oversight personnel will report on activities of the construction contractors in accordance with the provisions of this SWPCP.

2.7 Operation and Maintenance

This section presents post-construction operation and maintenance activities (O&M) which will be performed to ensure compliance with this SWPCP. O&M inspections will include a general inspection of the disturbed surfaces, stockpiled materials, and stormwater structures and potential discharge outfalls. Evidence of exposed soils, erosion sedimentation in channels and displacement of materials will be identified. Surface water adjacent to the site will be inspected for signs of erosion or sedimentation. Conditions will be documented in writing and photographically logged.

2.8 Post Remediation Conditions

The planned remediation activities specified in the design documents are anticipated to restore

(and slightly improve) the hydrologic characteristics presently existing at the site. Similar to the current conditions, no defined point source stormwater discharges will occur from the site following remediation. Where it does not fully infiltrate on-site, sheet flow stormwater runoff from the site will continue to occur following remediation and restoration.

Following remediation, the disturbed areas shown in the remediation design drawings will be restored. The project does not involve site development nor any installation of impervious surfaces, and the post-development runoff characteristics will not differ significantly from the pre-development conditions, except for improved stormwater infiltration on-site. The general nature of the remediation finished surfaces is undeveloped lawn and gravel areas, which promote the absorption and infiltration of stormwater, thereby maximizing the retention of stormwater and minimizing the amount of stormwater runoff from the area.

2.9 Emergency Procedures

AECOM has also prepared a HASP for activities previously conducted at the site which meets the requirements of 29 CFR 1910.120. Prior to initiating remediation activities, the existing HASP will be updated to include activities described in the RAP. AECOM will respond to emergency procedures in accordance with the updated HASP, which will include site safety hazards, task hazard analysis, chemical compounds of concern, personal protective equipment, emergency response, and generic first aid. In addition to the AECOM HASP, the contractor will also prepare and follow their own HASP to govern his activities. Furthermore, the contractor will also follow a flood contingency plan to mitigate risk associated with work in and adjacent to the flood zones in the event of a significant precipitation event.

3.0 EROSION AND SEDIMENT CONTROLS

This SWPCP has been developed to address the items specified in the Guidelines to the extent applicable and will achieve the three following water and natural resource management objectives of the Guidelines:

1. Reduce the erosion potential from the project;
2. Decrease non-point source pollution and water quality degradation; and
3. Maintain watercourses for their biological functions, as well as for drainage through reduced sediment deposition.

In order to meet these goals, specific stabilization and structural sediment and erosion control practices will be implemented to control runoff and contain sediment, both during remediation and after remediation activities have been completed. Stabilization practices are those used to stabilize areas where vegetation has been disturbed. Common stabilization practices include straw bale barriers, site fence, temporary or permanent seeding, mulching and/or use of erosion control blanket. These measures will be employed to ensure that discharges from disturbed areas do not cause or contribute to erosion or sedimentation impacts. The specific controls to be used during the remediation activities are summarized in the remediation design drawings (attached at end of plan). Where necessary, specifications for the various erosion controls are included in the remedial design package. The specific controls to be used during remediation activities are also discussed below.

The City of Bridgeport is responsible for remediation activities and is both the registrant and the permittee for the stormwater general permit. Therefore, the City of Bridgeport and its agents will be responsible for temporary stormwater pollution prevention measures during remediation activities, as well as the placement and maintenance of interim stormwater management measures until site redevelopment begins. The City will delegate this responsibility to the remediation project consultants and contractors as appropriate.

3.1 Sources of Erosion, Sediment and Stormwater Runoff

This section discusses the potential for generation of erosion, sedimentation and runoff for each of the work elements identified in the remedial design drawings.

3.1.1 General Site Activities

Proposed work activities will be performed using wheeled and/or tracked mechanical equipment that will likely include excavators, bulldozers, compactors, dump trucks and front end loaders. This equipment will work in areas of exposed soil and/or sediment. These activities have the potential to generate dust and to cause tracking of soil.

3.1.2 Clearing and Grubbing

Clearing and grubbing will be required as an initial site preparation activity. These activities will expose soil. These soils consist of fill material, and vegetative cover in some areas. Site traffic associated with clearing and grubbing may break up and rut the existing surface and increase the potential for erosion.

3.1.3 Excavation and Transport of Soil

Remedial activities will involve the excavation and removal of impacted soil to the extents specified in the design drawings. It will include the relocation of soils in some areas of the site. Although the immediate temporary disturbance of the existing soils will likely increase the potential for erosion, implementation of the erosion and sediment controls will mitigate this potential increase.

3.2 Temporary Erosion and Sediment Controls

This section describes management practices and structures for sediment and erosion control during construction. Specific requirements for implementation of these practices are described in the Guidelines. Details of the measures described and locations where they will be placed are shown in the remedial design drawings.

3.2.1 Dust Control

Dust control practices are used to prevent the movement of dust from exposed soil surfaces, which may cause both off-site and on-site impacts. These practices are applicable for locations where there are unstable soils exposed to construction traffic and where unstable soils are located in open areas where they are exposed to wind.

During all intrusive remediation activities, air monitoring will be performed to ensure that the construction activities do not generate unacceptable levels of dust. If air monitoring results indicate dust levels are exceeded, dust suppression will be implemented. Dust suppression may include one or more of the following:

- Applying water to active work areas and access roads;
- Applying water to the construction equipment and stockpiled materials as necessary;
- Minimizing the area of disturbance/active work areas to the minimum area required to facilitate the specific work activities being conducted at any one time; and/or
- Ceasing work activities during excessively windy conditions.

3.2.2 Temporary Seeding

The Guidelines specify that disturbed areas should be seeded with a temporary seed mixture within 7 days after grading work is completed in areas where work will not resume for at least 30 days and no more than one year. Requirements for application of temporary seeding, including methods, seed mixtures, application rates and soil additives are described in the Contract Documents and are based on requirements from the Guidelines.

3.2.3 Mulch for Seed

Mulch for seed is a biodegradable cover placed over the soil surface after seeding to provide temporary erosion protection to support the growth of grass until it is well established. Common materials used for mulch include hay, straw, cellulose fiber and tackifiers. Tackifiers are liquids consisting of vegetable gums or synthetic materials which are sprayed on the ground surface and which create a thin porous, biodegradable membrane. Mulch will be used in all locations where temporary or permanent seed is applied to bare earth. Material and placement requirements for mulch are included in the Contract Documents and are based on requirements included in the Guidelines.

3.2.4 Temporary Erosion Control Blanket (Slope Stabilization)

Temporary erosion control blanket is a cover constructed of natural or synthetic fibers, which is placed over areas to be seeded to provide temporary protection until permanent grass is fully established. The function of a temporary erosion control blanket is similar to mulch for seed, but this material is applied to areas where higher water velocities and significant erosion are expected. Material and placement requirements are included in the Contract Documents and are based on requirements included in the Guidelines.

3.2.5 Hay Bale and/or Silt Fence Sediment Barrier

A silt fence sediment barrier will be installed along the perimeter of the entire site prior to construction. Locations where the barrier will be placed are shown on the remedial design drawings. After the erosion control measures are installed, they will be inspected by the oversight personnel to ensure adequate coverage/protection and installation in accordance with the Contract Documents.

During construction, the silt fence will be inspected routinely and following each runoff producing rainfall to determine if maintenance is required. If sediment deposits reach one-half the height of the barrier, they will be removed. Sediments removed from the barrier will be disposed of with other impacted soil. The silt fence will continue to be inspected and maintained following construction and until permanent seeding has become established with a minimum of 80 percent coverage as determined by the oversight personnel.

Hay Bales and a polyethylene cover will be placed around and over any staged contaminated soil stockpiles.

3.2.6 Hay Bale Check Dams

Temporary hay bale check dams will be constructed as necessary to control erosion in temporary drainage courses resulting from excavation or grading operations, and existing catch basins. The check dams will be inspected routinely and following each runoff producing rainfall to determine if maintenance is required. If sediment deposits reach one-half the height of the barrier, they will be removed. Sediments removed from the barrier will be disposed of with other impacted soil. The check dams will continue to be inspected and maintained following

construction and until permanent seeding has become established and/or the temporary drainage courses have been eliminated.

3.2.7 Construction Entrance (Anti-Tracking Pad)

A stabilized construction entrance (anti-tracking pad) will be constructed at each entrance and exit from remediation areas in order to control the tracking of soils into other areas. The stabilized construction entrance will consist of an anti-tracking pad and geotextile separation layer. The entrance will be maintained as required until construction traffic to the disturbed areas is no longer occurring.

3.2.8 Temporary Sediment Traps and Basins

Temporary sediment traps and/or temporary sediment basins shall be also installed where required for specific disturbed areas by the General Permit. In general, the Contractor shall minimize size of disturbed areas, including specific phasing and sequence of work, throughout all project activities.

3.2.9 Dewatering

Because of the very shallow excavation activities, no dewatering of excavations or excavated soil is anticipated. Should any dewatering become necessary, the Engineer shall provide directions and requirements in writing to Contractor prior to any dewatering being performed.

3.3 Permanent Sediment and Erosion Controls

This section describes permanent management practices and structures for sediment and erosion control that will remain in place following construction. Specific requirements for implementation of these practices are described in the Contract Documents.

3.3.1 Topsoil

Topsoil will be placed as the final layer along sloped, perimeter areas when restoring the remediation work in order to provide a medium for the growth of permanent seeding. Specifically, a six-inch layer of topsoil will be placed and seed/mulch applied.

3.3.2 Permanent Seeding

Permanent seeding will be used to stabilize the topsoil cover surface areas. Seed mixtures and application rates, soil amendments and application rates, planting periods and growing and mowing requirements are described in the Contracted Documents.

3.3.3 Gravel

The finished remedial surface for the future redevelopment building and pavement areas will be compacted, imported fill material and compacted processed stone in sloped areas with erosion potential.

3.4 Other Controls

Site restoration activities will commence with the use of soil stabilization and protection practices within seven days following the conclusion of remediation activities or within 3 days for temporary suspension of remediation activity. Areas that will remain disturbed but inactive for at least thirty days shall receive temporary seeding or soil protection within seven days. Disturbed areas that may be active beyond the seeding season will receive long-term, non-vegetation stabilization and protection sufficient through winter months. For disturbed areas containing slopes steeper than 3:1 (horizontal: vertical) that exceed 15 feet vertically, with the exception of engineered slope stabilization structures, shall receive a reverse slope bench.

For construction activity existing within or adjacent to the 100 year flood zone, the contractor shall follow the project flood contingency plan. Contractors shall also reschedule construction activity planned in these areas to avoid approaching precipitation events.

3.4.1 Waste Management

Materials to be removed from the site will be classified into one of the following waste streams:

- Contaminated soil;
- Bulky waste; or
- Municipal solid waste (MSW); or
- Liquid waste (including decontamination wastewater).

Where necessary, contaminated soil will be stockpiled in accordance with the design requirements and loaded and transported to a permitted off-site disposal facility. Wastes will be properly characterized and profiled for disposal prior to being transported off-site. Waste disposal will be approved as required (CT Special Waste Disposal Authorization, MA LSP approval, etc.), and the intended disposal facility will provide written confirmation that they will accept the waste prior to transport.

Solid materials generated during the remediation such as plastic sheeting, hay bales, personal protective equipment, etc. will be segregated. Solid materials that were in contact with contaminated soil will be disposed of along with the contaminated soil. Solid materials that were not in contact with contaminated materials will be disposed of as municipal solid waste.

Liquid wastes that will be generated include construction equipment washouts and decontamination fluids. All equipment washouts shall be performed in a designated, fully contained washout area. All washout wastewater and any other liquid wastes generated during the project will be collected and disposed of at a permitted, off-site facility.

Waste removal from the site will be documented by bill of lading or manifest as needed. The contractor will be the responsible for preparing the shipping documents. An authorized representative for the City of Bridgeport will sign waste profile forms and manifests.

3.4.2 Chemical and Petroleum Product Containers

All chemical and petroleum product containers will be stored on the site shall be provided with impermeable containment which will hold at least 110% of the volume of the largest container, or 10% of the total volume of all containers, whichever is larger, without overflow of the containment area. All chemicals and their containers shall be stored under a roofed area except for those chemicals stored in containers of 100 gallon capacity or more. Double walled tanks satisfy this requirement.

3.5 Inspection, Maintenance, Monitoring and Reporting for Erosion and Sediment Controls

This section describes inspection, maintenance and reporting activities for the proposed erosion and sediment control facilities to be employed in support of the project. A schedule for these activities, record keeping and internal reporting procedures is also provided.

3.5.1 Inspection and Maintenance

An inspection and maintenance schedule for the erosion and sediment controls is provided below. These inspection and maintenance activities will be required while construction activities are being conducted at the site. During construction, activities will include daily visual inspections of erosion control structures in areas with active disturbance, visual inspection of areas of inactive disturbance on a weekly basis, inspection of erosion controls after rain events and the preparation of maintenance reports. Inspections of the temporary erosion control measures will be performed on a routine basis to ensure the integrity of the structural and stabilization measures and to verify that these control measures remain effective in controlling project related erosion and sedimentation.

Remediation oversight personnel shall perform SWPCP Implementation Inspections as follows.

- Oversight personnel shall inspect the site upon commencement of the work.
- Oversight personnel shall inspect the project three times during the first 90 days of work on the site to confirm that the SWPCP is being implemented properly.

Remediation oversight personnel shall also perform routine inspections as follows.

- Frequency of inspections (during construction and prior to site stabilization):
 - At least once every 7 calendar days;
 - Before anticipated storm events with the potential to cause a significant amount of runoff; and
 - Within 24 hours of the end of a storm event that generates stormwater runoff.
 - For storms that end on a weekend, holiday or other time after which normal working hours will not commence within 24 hours, an inspection is required within 24 hours only for storms that equal or exceed 0.5 inches.

- For storms of less than 0.5 inches, an inspection shall occur immediately upon the start of the subsequent normal working hours.
- Inspections may have a one-month frequency in the following instances:
 - Where work areas have been temporarily or finally stabilized; and
 - Where runoff is unlikely due to winter conditions.
- Inspections shall be performed in the following areas:
 - Disturbed areas of the construction site that have not been temporarily or finally stabilized;
 - Areas used for storage of erodible materials that are exposed to precipitation;
 - Chemical and waste storage areas will be inspected for leaks or evidence of leaks (staining, etc.);
 - Permanent and temporary sediment and erosion control measures to verify that they are intact and functioning as designed;
 - Locations where stormwater leaves the site will be inspected for evidence of erosion or sediment deposition;
 - Surface water will be observed for signs of turbidity;
 - Washout areas;
 - Equipment and vehicles will be inspected for cracks or leaks that could result in discharge of pollutants; and
 - Locations where vehicles enter or exit the site will be inspected.
- During inspections, the following information will be documented:
 - Name and qualifications of the person conducting the inspection;
 - Date and time the inspection was conducted;
 - Weather conditions including precipitation information;
 - The findings of the inspection relating to erosion and sedimentation controls and plan implementation;
 - Description of any stormwater discharges from the site (and any stormwater quality monitoring performed during the inspection);
 - Any corrective action taken; and
 - When the corrective actions were implemented.

All inspections shall be performed by a “Qualified Inspector” as defined in the General Permit.

A maintenance inspection report will be prepared for each inspection. The maintenance inspection report shall include a statement that in the judgment of the qualified inspector

conducting the site inspection, the site is either in compliance or out of compliance with the General Permit and the SWPCP. If the site inspection indicates that the site is out of compliance, the inspection report will include a summary of the remedial actions to bring the site back into compliance. The report will be signed by the permittee or his/her designee in accordance with the General Permit "Certification of Documents" requirements.

If corrective actions are required based on conditions observed during the inspections, such corrective actions shall be implemented within 24 hours following the inspection. If the SWPCP needs to be modified based on findings of an inspection, plan modifications shall be completed within 3 calendar days following the inspection.

In conjunction with the inspection program, a rain gauge shall be maintained on-site to document rainfall amounts.

3.5.2 Stormwater Monitoring

Sampling will be conducted in accordance with the General Permit, at least once per month when there is a point source discharge of stormwater from the project areas. Samples will be collected by the City or its designated representative. Sample collection points will be determined in the field and will be based on the sequencing of work areas. Samples will be collected and analyzed for turbidity. Grab samples shall be collected at least three separate times during a storm event. Samples will be collected manually.

Stormwater monitoring results will be documented on the Stormwater Monitoring Report (SMR) form provided by CT DEEP. Completed SMPs will be submitted to CT DEEP within 30 days following the end of each month.

3.5.3 Recordkeeping and Internal Reporting Procedures

The City will retain the following records for at least five years from the submission date of the Notice of Termination (NOT):

- General Permit;
- SWPCP Site Inspection Records;

- Contractor Certifications; and
- Notice of Termination.

An SWPCP logbook will be used to provide effective recordkeeping over the course of the project. As required by the SWPCP General Permit, the logbook will include:

- Records of spills, leaks or overflows including time, date and weather conditions;
- Implementation of the SWPCP;
- Training events;
- Events involving materials handling and storage;
- Contacts with regulatory agencies;
- Installation of stormwater management controls;
- Maintenance and repair of stormwater management controls;
- Preventative maintenance activities; and
- Inspection activities.

3.6 Changes and Amendments to the SWPCP

This SWPCP will be amended and updated as appropriate during the term of the project. This SWPCP shall be amended, at a minimum, whenever:

- There is a change in design, construction, operation or maintenance of the construction activities;
- Inspections indicate deficiencies in the SWPCP or controls;
- If a new contractor or subcontractor implements sections of the SWPCP, the plan must be updated to identify these new responsibilities; and
- If it is determined that the SWPCP is ineffective in minimizing or controlling erosion and sedimentation.

4.0 PLAN CERTIFICATION**4.1 Permittee Certification**

The General Permit requires that the permittee, or a duly authorized representative of the permittee shall certify the plan in writing as follows.

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-157b of the General Statutes, and in accordance with any other applicable statute."

Permittee

Name: City of Bridgeport, Department of Planning & Economic Development
Address: 999 Broad Street
Bridgeport, CT 06604
Phone: 203-576-7221

Permittee Representative

Name: David Kooris
Title: Director

Signature:  _____

Date: 11/6/15 _____

4.2 Preparer Certification

The General Permit requires that the licensed professional responsible for preparation of the plan shall certify the plan in writing as follows.

"I hereby certify that I am a professional engineer licensed in the State of Connecticut. I am making this certification in connection with a registration under such general permit, submitted to the commissioner by the City of Bridgeport for an activity at the 329 Central Avenue in Bridgeport, CT. I certify that I have thoroughly and completely reviewed the Stormwater Pollution Control Plan for the project or activity covered by this certification. I further certify, based on such review and on the standard of care for such projects, that the Stormwater Pollution Control Plan has been prepared in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, the Stormwater Quality Manual, as amended, and the conditions of the general permit, and that the controls required for such Plan are appropriate for the site. I further certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I also understand that knowingly making any false statement in this certification may subject me to sanction by the Department and/or be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law."

WAB [Signature] - on Behalf of AECOM
Signature

William A. Baker IV, Sr. Tech Specialist
Printed Name and Title

11/12/15
Certification Date

Preparer Firm

Name: AECOM
Address: 500 Enterprise Drive, Rocky Hill, CT 06067
Phone: 860.263.5800



4.3 Contractor Certification

The General Permit requires that the Stormwater Pollution Control Plan clearly identify each contractor and subcontractor who will perform actions which may cause stormwater pollution. Further, each such contractor and subcontractor must sign a specific certification statement to signify their understanding of the plan requirements and their duty to comply with it.

At the time of the preparation of this plan, the project contractor for the overall site-wide remediation had not yet been selected. All contractors and subcontractors selected to perform remediation activities on-site will be recorded in the table contained in Appendix G. Each contractor or subcontractor identified in this table shall read, understand and comply with all terms and conditions of the General Storm Water Permit and the Site Storm Water Pollution Control Plan. Each firm shall signify this by completing and signing a copy of the certification statement in Appendix G. Should this Storm Water Pollution Control Plan be amended, all contractors and subcontractor identified in the table in this appendix will be required to re-endorse copies of this certification. All signed copies of this certification statement will be filed in Appendix G.

ATTACHMENT
Remedial Design Plans

CITY OF BRIDGEPORT, CONNECTICUT

SOIL REMEDIATION

329 CENTRAL AVE. BRIDGEPORT, CONNECTICUT

DRAFT

AECOM

September 2015



PROJECT LOCATION

SITE LOCATION
N.T.S.

NOTE

1. THIS SET OF DRAWINGS DEPICTS INFORMATION USING DIFFERENT COLORS IN ADDITION TO VARIOUS LINES, SYMBOLS AND TEXT. USER IS CAUTIONED THAT ONLY COLOR DRAWINGS WILL CONVEY THE COMPLETE PROJECT INFORMATION. IMPORTANT INFORMATION WILL NOT BE EVIDENT ON BLACK AND WHITE/GRAYSCALE DRAWINGS DUE TO LACK OF COLOR.
2. AVAILABLE FUNDING FOR THIS PROJECT IS LIMITED AND CANNOT BE INCREASED. CONTRACTOR TO COORDINATE CLOSELY WITH OWNER AND ENGINEER THROUGHOUT PROJECT TO ENSURE THAT THE COST OF WORK DOES NOT EXCEED AVAILABLE FUNDING.

SHEET

TITLE

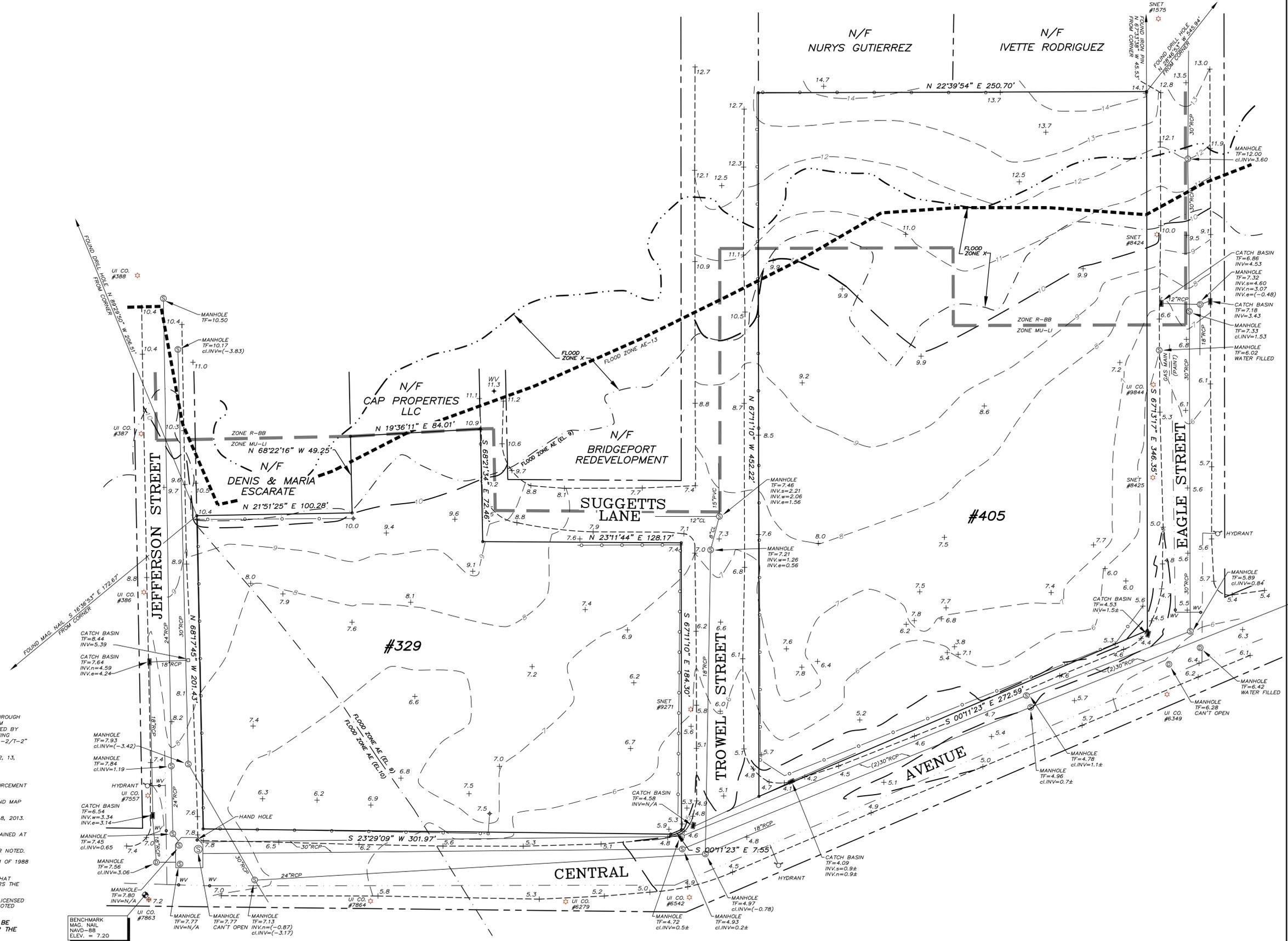
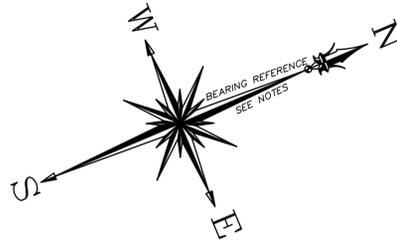
---	TOPOGRAPHIC SURVEY (BRAUTIGAM LAND SURVEYORS)
1	EXISTING CONDITIONS
2	GENERAL REMEDIATION APPROACH
3	SITE PREPARATION
4	SOURCE REMOVAL
5	REMEDICATION SUBGRADES
6	REMEDICATION FINISHED GRADES
7	RETAINING WALL
8	EROSION AND SEDIMENTATION CONTROLS
9	CROSS SECTIONS
10	DETAILS
11	NOTES
FOR REFERENCE PURPOSES ONLY (REDEVELOPMENT TO BE CONSTRUCTED BY OTHERS)	
12	REVISED REDEVELOPMENT SITE PLAN

OWNER

CITY OF BRIDGEPORT
OFFICE OF PLANNING AND ECONOMIC DEVELOPMENT
MARGARET E. MORTON GOVERNMENT CENTER
999 BROAD STREET
BRIDGEPORT, CT 06604
(203) 576-7221
ATTN: GINNE-RAE CLAY

ENGINEER

AECOM
500 ENTERPRISE DR. STE 1A
ROCKY HILL, CT 06067
860-263-5800
ATTN: RORY HENDERSON



AREA:
 65,488± S.F.
 1.503± ACRES

NOTES:

THIS SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THROUGH 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. 9/26/96. IT IS A ZONING LOCATION SURVEY BASED ON A DEPENDENT RESURVEY CONFORMING TO CLASS "A-2/T-2" ACCURACY AND IS INTENDED TO BE USED FOR PLANNING AND DESIGN PURPOSES.

PROPERTY IS DEPICTED AS LOTS 14, 16A, 26, 27, 28 IN BLOCK 613 AND LOTS 12, 13, 14A, 15A, 16, 17, 18 IN BLOCK 615 ON MAP 30 IN THE ASSESSORS OFFICE.

PROPERTY IS LOCATED IN THE "MU-LI" AND "R-BB" ZONES.

ZONE AND SETBACKS ARE SUBJECT TO THE DETERMINATION OF THE ZONING ENFORCEMENT OFFICER.

REFER TO MAP No. 51-193 ON FILE IN THE BRIDGEPORT TOWN CLERKS OFFICE AND MAP No. 442 ON FILE IN THE STRATFORD TOWN CLERKS OFFICE.

REFER TO FEMA FLOOD INSURANCE RATE MAP 0900IC, PANEL 441G DATED JULY 8, 2013. PROPERTY IS DEPICTED LYING IN FLOOD ZONE AE-13.

BEARING REFERENCE IS TAKEN FROM SURVEYS PREPARED BY HAMMONS LLC, OBTAINED AT THE BUILDING DEPARTMENT.

UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS IF ANY ARE NOT DEPICTED OR NOTED.

ELEVATIONS DEPICTED HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88). REFER TO CITY OF BRIDGEPORT BENCHMARKS 550 AND 553.

THIS SURVEY WAS PREPARED FOR A SPECIFIC PURPOSE. ANY USE OTHER THAN THAT WHICH WAS ORIGINALLY INTENDED IS A MISUSE OF THIS INFORMATION AND RENDERS THE PREPARERS DECLARATION NULL AND VOID.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS SURVEY, WHICH BEARS THE LICENSED SURVEYORS LIVE SIGNATURE AND EMBOSSED SEAL, RENDERS ANY DECLARATION NOTED HEREON NULL AND VOID.

PRIOR TO EXCAVATION THE EXACT LOCATION OF THE UTILITIES SHOULD BE CONFIRMED WITH "CALL BEFORE YOU DIG" ☎ 1-800-922-4455 AND/OR THE RESPECTIVE UTILITY COMPANIES.

BRAUTIGAM LAND SURVEYORS, P.C.

90 South Main Street
 Newtown, Connecticut 06470
 Telephone (203) 270-7810
 Facsimile (203) 270-8392
 E-mail Surveyor@brautigamland.com

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS SURVEY AND MAP ARE "SUBSTANTIALLY CORRECT" AS NOTED HEREON.

PAUL A. BRAUTIGAM CT. LIC. No. 15166

THE SURVEY DEPICTED HEREON IS NULL AND VOID WITHOUT THE LICENSED SURVEYORS LIVE SIGNATURE AND EMBOSSED SEAL.

JOB No. 1013001.01 SCALE: 1" = 30'

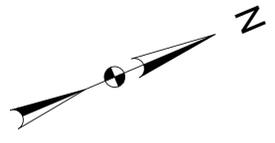
FIELD NOTES: 185-150 DATE: 11/22/13 DRAWN BY: JAB CHECKED BY: PAB

NO. DATE REVISIONS

1 12/5/14 UPDATE CONTOUR #329 CENTRAL AVE.

30 0 30 60 90
 1013001-01

TOPOGRAPHIC SURVEY
 PREPARED FOR
CITY OF BRIDGEPORT
 329 & 405 CENTRAL AVE.
 BRIDGEPORT, CONNECTICUT



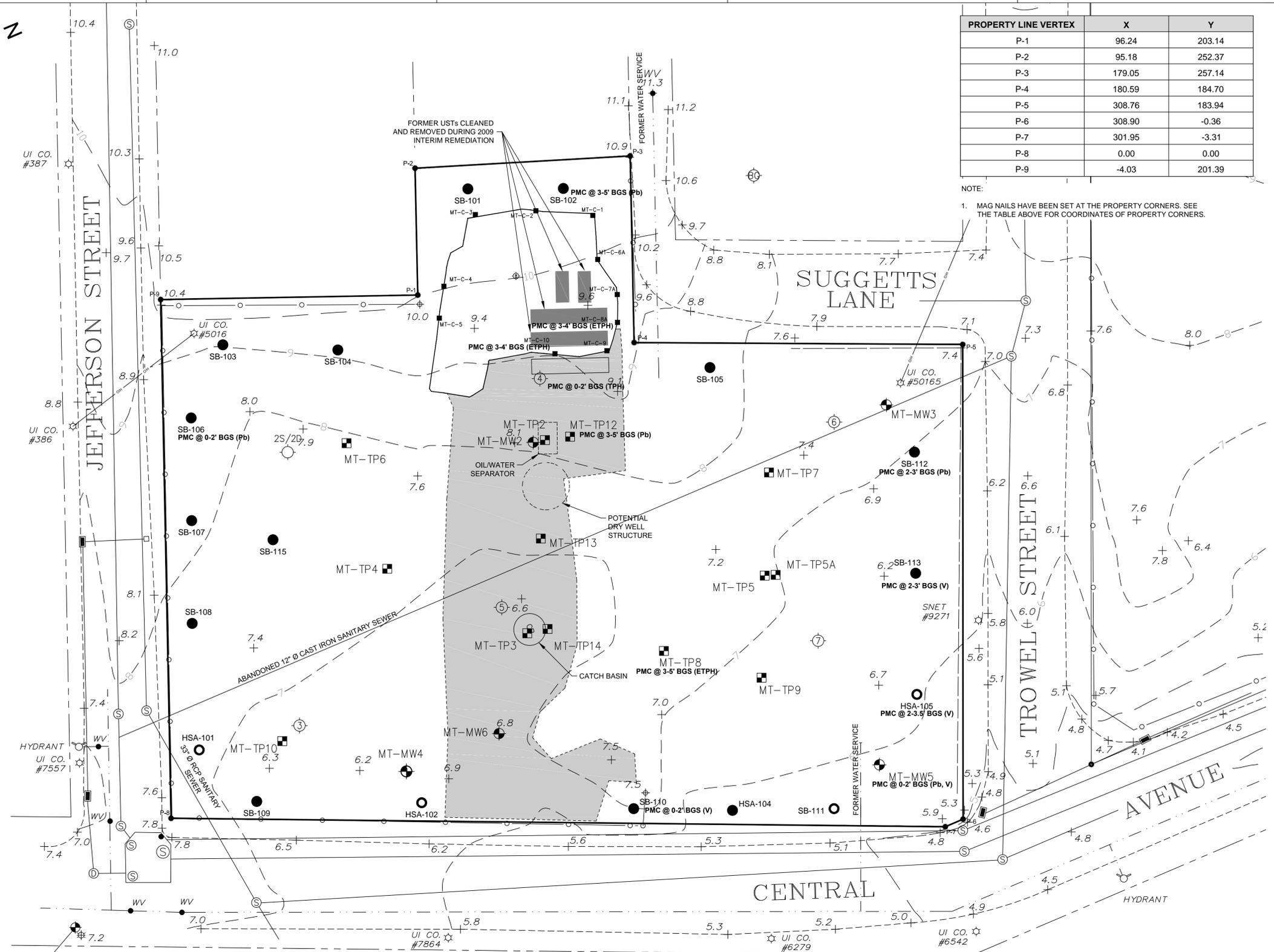
PROPERTY LINE VERTEX	X	Y
P-1	96.24	203.14
P-2	95.18	252.37
P-3	179.05	257.14
P-4	180.59	184.70
P-5	308.76	183.94
P-6	308.90	-0.36
P-7	301.95	-3.31
P-8	0.00	0.00
P-9	-4.03	201.39

NOTE
EXISTING OIL/WATER SEPARATOR, DRYWELL AND CATCH BASIN WERE CLEANED OUT AND FILLED WITH SAND DURING THE 1993 M&E FOCUSED WASTE REMOVAL.

- LEGEND**
- EXISTING ELEVATION CONTOURS (BRAUTIGAM LAND SURVEYORS, 2013)
 - 1.0 + SPOT GRADES
 - ☆ UTILITY POLE
 - HYDRANT
 - STORM DRAIN CATCH BASIN
 - WV ● WATER VALVE
 - ⊙ SANITARY SEWER MANHOLE
 - FENCE LINE
 - PROPERTY LINE
 - 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
 - OVERHEAD LINE
 - EXISTING CONCRETE PAD
 - SB-0 GEOPROBE SOIL BORING (AECOM, MARCH 2015)
 - HSA-0 HSA SOIL BORING (AECOM, MARCH 2015)
 - MT-TP4 TEST PIT LOCATION (M&E, OCTOBER 2002)
 - ⊙ APPROX. SOIL BORING LOCATION (CT DEEP 1993)
 - ⊙ MW-MW6 SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)

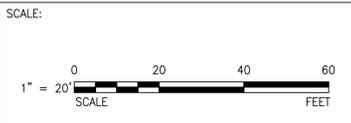
- MAP REFERENCES**
- FIGURE IS BASED ON A CLASS A-2/T-2 SURVEY CONDUCTED AT 329 AND 405 CENTRAL AVE, BRIDGEPORT, CONNECTICUT PREPARED BY BRAUTIGAM LAND SURVEYORS. BRAUTIGAM REFERENCE MAP TITLED "TOPOGRAPHIC SURVEY PREPARED FOR CITY OF BRIDGEPORT, SCALE 1" = 30' DATED 11/22/13, REVISED 12/5/14."
 - ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
 - ADDITIONAL UTILITY INFORMATION ADDED BY AECOM BASED ON VISUAL SITE RECONNAISSANCE AND INFORMATION PROVIDED BY UTILITY COMPANIES. FORMER WATER SERVICE LOCATIONS PER DISCUSSIONS WITH AND INFORMATION PROVIDED BY AQUARIUM WATER COMPANY. TYPES AND LOCATIONS OF SANITARY SEWER PIPES CROSSING THE PROPERTY PER DISCUSSIONS WITH AND INFORMATION PROVIDED BY BRIDGEPORT WATER POLLUTION CONTROL AUTHORITY. UTILITY POLES AND OVERHEAD LINES ON PROPERTY PER AECOM VISUAL RECONNAISSANCE. ALL LOCATIONS ARE APPROXIMATE AND WERE NOT LOCATED BY FIELD SURVEY.
 - APPROXIMATE LIMITS OF EXISTING CONCRETE PAD AND LOCATIONS OF OIL/WATER SEPARATOR, DRYWELL STRUCTURE, AND CATCH BASIN ARE FROM A PREVIOUS SITE SURVEY PREPARED FOR 2009 AECOM REMEDIATION ACTIVITIES.
 - LOCATIONS OF FORMER USTS AND REMAINING UST AND LIMITS OF REMEDIAL EXCAVATION AND LOCATIONS OF ASSOCIATED CONFIRMATION SAMPLES ARE FROM CONTRACTOR AS-BUILT SURVEY FOR 2009 AECOM REMEDIATION ACTIVITIES.
 - HISTORIC SAMPLE LOCATIONS HAVE BEEN COMPILED FROM VARIOUS SOURCES ASSOCIATED WITH SEVERAL PREVIOUS ENVIRONMENTAL SITE INVESTIGATIONS AND REMEDIAL ACTIONS. ALL OF THESE HISTORIC SAMPLE LOCATIONS ARE CONSIDERED APPROXIMATE.
 - RECENT AECOM SAMPLE LOCATIONS (MARCH 2015) WERE FIELD LOCATED BY BRAUTIGAM LAND SURVEYORS IN CONJUNCTION WITH THE SITE TOPOGRAPHIC SURVEY PREPARATION.
 - FEMA 100-YEAR FLOOD ZONE ELEVATION AT THE SITE IS ELEVATION 13 NORTH AMERICAN VERTICAL DATUM OF 1988 PER FEMA FLOOD INSURANCE RATE MAP NUMBER 09001C0441G, MAP REVISED JULY 8, 2013. DISREGARD FEMA FLOOD ZONE INFORMATION SHOWN ON THE BRAUTIGAM TOPOGRAPHIC SURVEY DRAWING.

NOTE:
1. MAG NAILS HAVE BEEN SET AT THE PROPERTY CORNERS. SEE THE TABLE ABOVE FOR COORDINATES OF PROPERTY CORNERS.



BENCHMARK
MAG. NAIL
NAVD-88
ELEV. = 7.20

HORIZONTAL COORDINATE SYSTEM
REMEDIATION DRAWINGS DO NOT REFERENCE A PRE-DETERMINED HORIZONTAL COORDINATE SYSTEM. THE COORDINATE SYSTEM FOR THIS DESIGN IS AN ASSUMED HORIZONTAL COORDINATE SYSTEM BASED ON THE SOUTHEASTERN CORNER OF THE PROPERTY AT THE X AND Y COORDINATE PLANE ORIGIN (0,0) AND THE SOUTHWESTERN PROPERTY CORNER AT X,Y COORDINATES OF (-4.03, 201.39)



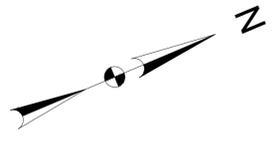
329 CENTRAL AVENUE
BRIDGEPORT, CT

**SOIL REMEDIATION
EXISTING CONDITIONS**

JOB 60328307
FILE NO.
CAD FILE
SHEET 1

September 2015

PART/FILENAME: P:\60328307-BRIDGEPORT\BCT.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:15:38 PM
 ARCH D 3-7-05



BUILDING CORNERS	X	Y
B-1	19.29	173.47
B-2	229.94	171.15
B-3	229.42	123.16
B-4	271.41	122.70
B-5	270.22	14.04
B-6	17.57	16.81

PMC RELOCATION AREA	X	Y
PMC-1	124.84	144.78
PMC-2	199.84	144.78
PMC-3	199.84	69.78
PMC-4	124.84	69.78

- LEGEND**
- 1.0 + SPOT GRADES
 - UTILITY POLE
 - HYDRANT
 - STORM DRAIN CATCH BASIN
 - WV WATER VALVE
 - SANITARY SEWER MANHOLE
 - FENCE LINE
 - PROPERTY LINE
 - 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
 - OVERHEAD LINE
 - EXISTING CONCRETE PAD
 - FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
 - FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
 - GEOPROBE SOIL BORING (AECOM, MARCH 2015)
 - HSA SOIL BORING (AECOM, MARCH 2015)
 - TEST PIT LOCATION (M&E, OCTOBER 2002)
 - APPROX. SOIL BORING LOCATION (CT DEEP 1993)
 - SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)

- NOTES:**
- EXISTING OIL/WATER SEPARATOR, DRYWELL AND CATCH BASIN WERE CLEANED OUT AND FILLED WITH SAND DURING THE 1993 M&E FOCUSED WASTE REMOVAL. NO FURTHER ACTION IS REQUIRED FOR THESE.
 - UST REMOVAL EXCAVATION AND RELOCATION/DISPOSAL OF ADJACENT CONTAMINATED SOIL AND BACKFILL OF EXCAVATION TO BE COMPLETED PRIOR TO ANY GRADING/RELOCATION OF SITEWIDE DEC SOILS.
 - SOIL CONTAINING PMC EXCEEDANCES EXCAVATED FROM OUTSIDE THE BUILDING FOOTPRINT TO BE RELOCATED TO DESIGNATED AREA WITHIN THE BUILDING FOOTPRINT.
 - NO SOIL WITHIN BUILDING FOOTPRINT TO BE RELOCATED OUTSIDE BUILDING FOOTPRINT AT ANY TIME.
 - SOIL WITHIN THE FUTURE BUILDING FOOTPRINT CONTAINING PMC EXCEEDANCES TO BE RENDERED ENVIRONMENTALLY ISOLATED UPON CONSTRUCTION OF FUTURE BUILDING.
 - SOIL WITHIN THE FUTURE BUILDING FOOTPRINT CONTAINING DEC EXCEEDANCES TO BE RENDERED INACCESSIBLE UPON CONSTRUCTION OF FUTURE BUILDING.
 - EXCEPT FOR ETPH PMC EXCEEDANCES, OTHER PMC EXCEEDANCES NOTED OUTSIDE BUILDING FOOTPRINT HAVE BEEN ADDRESSED THROUGH STATISTICAL EVALUATION AND DO NOT REQUIRE FURTHER REMEDIAL ACTION.
 - ALL ON-SITE SOIL IS URBAN FILL AND CONTAINS CONCENTRATIONS OF SPECIFIC COMPOUNDS THAT EXCEED CTDEEP DIRECT EXPOSURE CRITERIA (DEC).
 - REGRADE DEC SOILS THROUGHOUT THE SITE SO THAT ONCE THE SITE IS FULLY REDEVELOPED, ALL DEC SOILS WILL BE RENDERED INACCESSIBLE BY 4 FT OF COVER OUTSIDE OF THE BUILDING FOOTPRINT.

REMOVE SOIL WITH ETPH PMC EXCEEDANCE AT SAMPLE ID MT-C-8A.

REMOVE EXISTING UST AND SURROUNDING SOIL INCLUDING ETPH PMC EXCEEDANCE AT SAMPLE ID MT-C-10. ANY GROSSLY CONTAMINATED SOIL OR GROUNDWATER ENCOUNTERED DURING UST REMOVAL TO BE REMOVED AND DISPOSED OF OFF-SITE.

PMC SOIL RELOCATION AREA

PART/FILENAME: P:\60328307-BRIDGEPORT\GCF.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:15:47 PM
 ARCH D - 3-7-05

AECOM Environment
 500 ENTERPRISE DR. STE 1A
 ROCKY HILL, CT 06067
 (860) 263-5800
 www.aecom.com

AECOM

SCALE:
 1" = 20'
 SCALE

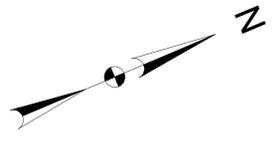
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

329 CENTRAL AVENUE
 BRIDGEPORT, CT

GENERAL REMEDIATION APPROACH

September 2015

JOB: 60328307
 FILE NO.:
 CAD FILE: BCF
 SHEET: **2**



- LEGEND**
- 1.0 + SPOT GRADES
 - ⊙ UTILITY POLE
 - ⊙ HYDRANT
 - ▣ STORM DRAIN CATCH BASIN
 - WV ● WATER VALVE
 - ⊙ SANITARY SEWER MANHOLE
 - FENCE LINE
 - PROPERTY LINE
 - 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
 - OVERHEAD LINE
 - ▨ EXISTING CONCRETE PAD
 - ▨ FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
 - ▨ FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
 - ▨ EXISTING CONCRETE PAD TO BE REMOVED
 - SB-0 GEOPROBE SOIL BORING (AECOM, MARCH 2015)
 - HSA-0 HSA SOIL BORING (AECOM, MARCH 2015)
 - ⊙ MT-TP4 TEST PIT LOCATION (M&E, OCTOBER 2002)
 - ⊙ APPROX. SOIL BORING LOCATION (CT DEEP 1993)
 - ⊙ MW-MW6 SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)

- NOTES:**
1. EXISTING OIL/WATER SEPARATOR, DRYWELL AND CATCH BASIN WERE CLEANED OUT AND FILLED WITH SAND DURING THE 1993 M&E FOCUSED WASTE REMOVAL. NO FURTHER REMEDIAL ACTION IS REQUIRED FOR THESE.
 2. CONTRACTOR'S LICENSED LAND SURVEYOR TO STAKE OUT ENTIRE PROPERTY BOUNDARY AND MAINTAIN THIS PROPERTY STAKE OUT FOR THE DURATION OF THE PROJECT.
 3. CONTRACTOR'S LICENSED LAND SURVEYOR TO STAKE OUT THE LIMITS OF THE PROPOSED REDEVELOPMENT BUILDING. STAKE OUT SHALL INCLUDE BUILDING FOOTPRINT STAKES AT A MAXIMUM OF 100 FEET SPACING ALONG THE PERIMETER. CONTRACTOR'S LICENSED SURVEYOR SHALL MAINTAIN THIS BUILDING FOOTPRINT STAKE OUT FOR THE DURATION OF THE PROJECT.
 4. INSTALL ALL PROJECT EROSION AND SEDIMENTATION CONTROLS, INCLUDING BUT NOT LIMITED TO SILT FENCE ALONG THE ENTIRE PERIMETER OF THE SITE AND ANTI-TRACKING PADS AT ALL CONSTRUCTION ENTRANCES. FURTHER DETAILS FOR PROJECT EROSION AND SEDIMENTATION CONTROLS ARE SPECIFIED IN THE CONTRACT DRAWINGS AND SPECIFICATIONS.
 5. CLEAR AND GRUB THE SITE TO REMOVE ALL VEGETATION. CLEARED VEGETATION INCLUDING ROOT BALLS FREE OF SOIL SHALL BE DISPOSED OFF-SITE AS BULK WASTE AT A PERMITTED DISPOSAL FACILITY.
 6. INSTALL PROJECT SIGN IN ACCORDANCE WITH CT DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT SIGN REQUIREMENTS.
 7. REMOVE ANY EXISTING PILES OF DEBRIS AND RUBBISH AND DISPOSE OFF-SITE AT PERMITTED FACILITY.
 8. EXISTING TRAILER ON-SITE TO BE REMOVED BY OTHERS PRIOR TO START OF REMEDIATION ACTIVITIES.

UTILITY POLE AND OVERHEAD WIRES TO BE REMOVED BY OTHERS PRIOR TO THIS PROJECT.

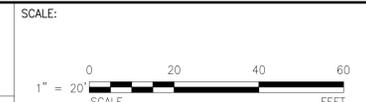
INSTALL 5 HOLES (MINIMUM DIMENSION OF 2 FEET) THROUGH EXISTING CONCRETE SLAB. BREAK REMOVED CONCRETE INTO PIECES WITH NO DIMENSION LARGER THAN 2 FEET AND BURY WITH RELOCATED SOIL ON-SITE. CENTER HOLES ACROSS THE SLAB WIDTH AND SPACE EVENLY ALONG THE SLAB LENGTH.

UTILITY POLE AND OVERHEAD WIRES TO BE REMOVED BY OTHERS PRIOR TO THIS PROJECT.

ESTABLISH PERMANENT SECURE 6 FT HIGH CHAIN LINK FENCE ALONG PROPERTY LINE AROUND ENTIRE PERIMETER OF SITE. PROVIDE FENCE GATE AT CONSTRUCTION ENTRANCE AND SECURE WITH LOCK. EXISTING FENCE MAY BE USED WHERE IT IS IN GOOD CONDITION AND ACCURATELY LOCATED ALONG THE PROPERTY LINE. TEMPORARY MOVEABLE 6 FT HIGH CHAIN LINK FENCE TO BE USED IN AREAS OF RETAINING WALL CONSTRUCTION.

REMOVE EXISTING CONCRETE PAD (APPROXIMATELY 1 FT THICK WITH REINFORCING STEEL) WHERE PRESENT OUTSIDE BUILDING FOOTPRINT. REMOVE ADDITIONAL CONCRETE PAD AS NECESSARY TO REMOVE UST AND GROSSLY IMPACTED SOIL AND GROUNDWATER. BREAK REMOVED CONCRETE INTO PIECES WITH NO DIMENSION LARGER THAN 2 FT AND BURY WITH RELOCATED SOIL ON-SITE.

PART/FILENAME: P:\60328307-BRIDGEPORT\BCT.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:15:57 PM
 ARCH D - 3-7-05



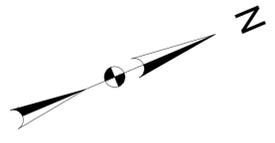
329 CENTRAL AVENUE
BRIDGEPORT, CT

SITE PREPARATION

JOB: 60328307
 FILE NO.:
 CAD FILE: BCF
 SHEET: 3

September 2015

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION



EXCAVATE PMC SOIL PRESENT AT MT-C-8A TO 7 FT DEEP OR TO GROUNDWATER TABLE (WHICHEVER IS ENCOUNTERED FIRST) AND TO HORIZONTAL LIMITS SHOWN. CONFIRM NO FURTHER PMC EXCEEDANCES EXIST AT THIS LOCATION. RELOCATE PMC SOIL REMOVED TO DESIGNATED AREA WITHIN BUILDING FOOTPRINT. AFTER ENGINEER CONFIRMS THAT PMC SOIL REMOVAL IS COMPLETE, LINE EXCAVATION WITH GEOTEXTILE AND BACKFILL EXCAVATION WITH CLEAN IMPORTED BACKFILL FROM OFF-SITE.

EXCAVATE SOIL AROUND EXISTING UST DURING UST REMOVAL TO 7 FT DEEP OR TO GROUNDWATER (WHICHEVER IS ENCOUNTERED FIRST) AND TO HORIZONTAL LIMITS SHOWN (INCLUDING MT-C-10). SEGREGATE ANY GROSSLY CONTAMINATED SOIL AND CHARACTERIZE AND DISPOSE OFF-SITE. RELOCATE ALL OTHER EXCAVATED PMC SOIL TO DESIGNATED AREA WITHIN THE PROPOSED BUILDING FOOTPRINT. CONFIRM NO FURTHER PMC EXCEEDANCES EXIST ALONG THE UST GRAVE. AFTER ENGINEER CONFIRMS THAT PMC SOIL REMOVAL IS COMPLETE, LINE EXCAVATION WITH GEOTEXTILE AND BACKFILL GRAVE WITH CLEAN IMPORTED BACKFILL FROM OFF-SITE.

REMOVE EXISTING UST AND ADJACENT GROSSLY CONTAMINATED SOIL AND/OR GROUNDWATER (IF ANY IS PRESENT). CHARACTERIZE ANY GROSSLY CONTAMINATED SOIL AND/OR GROUNDWATER FOR DISPOSAL AND DISPOSE OFF-SITE. AFTER ENGINEER CONFIRMS THAT PMC SOIL REMOVAL IS COMPLETE, LINE EXCAVATION WITH GEOTEXTILE AND BACKFILL UST GRAVE WITH CLEAN IMPORTED BACKFILL FROM OFF-SITE.

EXCAVATION VERTEX	X	Y
A	174.20	197.95
B	176.28	198.07
C	176.57	184.62
D	173.88	169.14
E	137.78	169.35
F	137.54	180.19
G	140.41	180.89
H	159.13	179.21
I	170.90	181.52
J	174.11	192.52

NOTE:
1. COORDINATES FOR POINTS F, G, H, I AND J ARE FOR GENERAL REFERENCE ONLY. INITIAL EXCAVATION SHALL EXTEND TO LIMITS OF PREVIOUS EXCAVATION IN THIS AREA (AS MARKED IN THE FIELD WITH GEOTEXTILE FABRIC).

LEGEND

- 1.0 + SPOT GRADES
- ⊙ UTILITY POLE
- ⊙ HYDRANT
- ▣ STORM DRAIN CATCH BASIN
- WV ● WATER VALVE
- ⊙ SANITARY SEWER MANHOLE
- FENCE LINE
- PROPERTY LINE
- 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
- OVERHEAD LINE
- ▨ EXISTING CONCRETE PAD
- ▨ FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
- ▨ FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
- ▨ REMEDIAL EXCAVATION AREA
- GEOPROBE SOIL BORING (AECOM, MARCH 2015)
- HSA SOIL BORING (AECOM, MARCH 2015)
- ⊙ TEST PIT LOCATION (M&E, OCTOBER 2002)
- ⊙ APPROX. SOIL BORING LOCATION (CT DEEP 1993)
- ⊙ SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)
- MW-MW6

- NOTES:**
- EXISTING OIL/WATER SEPARATOR, DRYWELL AND CATCH BASIN WERE CLEANED OUT AND FILLED WITH SAND DURING THE 1993 M&E FOCUSED WASTE REMOVAL. NO FURTHER REMEDIAL ACTION IS REQUIRED FOR THESE.
 - EXISTING UST IS CONSTRUCTED OF STEEL.
 - UST DIMENSIONS ARE UNKNOWN BUT ARE ESTIMATED TO BE SIMILAR TO ADJACENT UST REMOVED PREVIOUSLY. ESTIMATED DIMENSIONS ARE 30 FEET IN LENGTH AND 7 FEET IN DIAMETER.
 - UST CONTENTS ARE UNKNOWN. REMOVE ALL CONTENTS WITHIN TANK PRIOR TO UST REMOVAL AND DISPOSE OF LIQUID OFF-SITE AT A PERMITTED FACILITY.
 - UST REMOVAL SHALL COMPLY WITH ALL USEPA, CTDEEP AND NFPA LAWS, REGULATIONS AND GUIDANCE.
 - EMPTY AND REMOVE THE UST. DISPOSE/RECYCLE UST AT A PERMITTED OFF-SITE DISPOSAL/RECYCLING FACILITY.
 - EXCAVATE SOIL FROM AROUND UST AS SHOWN AND AS DIRECTED BY ENGINEER.
 - REMOVE GROSSLY CONTAMINATED SOIL AND/OR GROUNDWATER FROM THE GRAVE (IF ANY IS PRESENT). MEDIA SHOWING PRESENCE OF FREE, MOBILE PRODUCT SHALL BE CONSIDERED GROSSLY CONTAMINATED MATERIAL.
 - SEGREGATE GROSSLY CONTAMINATED SOIL FROM OTHER EXCAVATED SOIL AS DIRECTED BY ENGINEER.
 - STAGE GROSSLY CONTAMINATED SOIL ON-SITE IN SECURE STOCKPILE, AND DISPOSE OFF-SITE AT AN APPROVED, PERMITTED DISPOSAL FACILITY.
 - RELOCATE OTHER EXCAVATED PMC SOIL TO DESIGNATED AREA WITHIN THE PROPOSED REDEVELOPMENT BUILDING FOOTPRINT.
 - COORDINATE UST GRAVE ASSESSMENT WITH ENGINEER INCLUDING CONFIRMATION SAMPLES OF SOIL (AND GROUNDWATER IF PRESENT).
 - IF ADDITIONAL SOIL REMOVAL IS NECESSARY, EXCAVATE ADDITIONAL MATERIAL AND HANDLE AND DISPOSE OF AS DIRECTED BY ENGINEER.
 - FOLLOWING APPROVAL FROM ENGINEER THAT SOIL EXCAVATION IS COMPLETE, LINE EXCAVATION WITH GEOTEXTILE AND BACKFILL UST GRAVE AND ADDITIONAL SURROUNDING EXCAVATION WITH IMPORTED CLEAN FILL FROM OFF-SITE.
 - ALL EXCAVATED SOIL CONTAINING EXCEEDANCES OF CTDEEP POLLUTANT MOBILITY CRITERIA (PMC SOIL) SHALL BE RELOCATED TO DESIGNATED AREA WITHIN THE PROPOSED REDEVELOPMENT BUILDING FOOTPRINT.

AECOM
AECOM Environment
500 ENTERPRISE DR. STE 1A
ROCKY HILL, CT 06067
(860) 263-5800
www.aecom.com

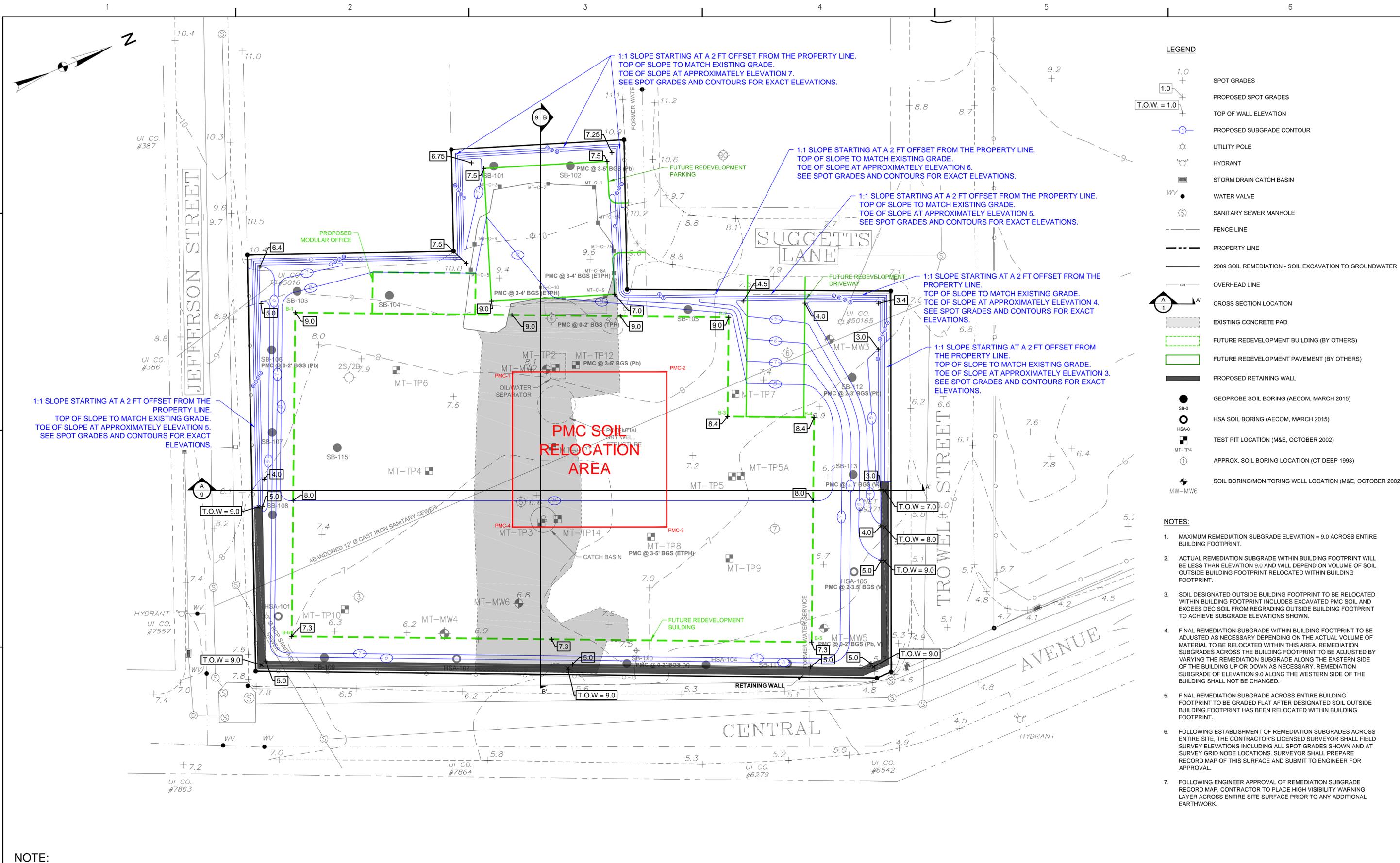
SCALE:
1" = 10'
0 10 20 30
SCALE FEET
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

329 CENTRAL AVENUE
BRIDGEPORT, CT

SOURCE REMOVAL

JOB 60328307
FILE NO.
CAD FILE
SHEET 4
September 2015

PART/FILENAME: P:\60328307-BRIDGEPORT\BCT.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:16:07 PM
 ARCH D - 3-7-05



- LEGEND**
- 1.0 + SPOT GRADES
 - 1.0 + PROPOSED SPOT GRADES
 - T.O.W. = 1.0 + TOP OF WALL ELEVATION
 - PROPOSED SUBGRADE CONTOUR
 - ☆ UTILITY POLE
 - HYDRANT
 - STORM DRAIN CATCH BASIN
 - WV WATER VALVE
 - SANITARY SEWER MANHOLE
 - FENCE LINE
 - PROPERTY LINE
 - 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
 - OVERHEAD LINE
 - CROSS SECTION LOCATION
 - EXISTING CONCRETE PAD
 - FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
 - FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
 - PROPOSED RETAINING WALL
 - SB-0 GEOPROBE SOIL BORING (AECOM, MARCH 2015)
 - HSA-0 HSA SOIL BORING (AECOM, MARCH 2015)
 - MT-TP-4 TEST PIT LOCATION (M&E, OCTOBER 2002)
 - APPROX. SOIL BORING LOCATION (CT DEEP 1993)
 - SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)
 - MW-MW6

- NOTES:**
1. MAXIMUM REMEDIATION SUBGRADE ELEVATION = 9.0 ACROSS ENTIRE BUILDING FOOTPRINT.
 2. ACTUAL REMEDIATION SUBGRADE WITHIN BUILDING FOOTPRINT WILL BE LESS THAN ELEVATION 9.0 AND WILL DEPEND ON VOLUME OF SOIL OUTSIDE BUILDING FOOTPRINT RELOCATED WITHIN BUILDING FOOTPRINT.
 3. SOIL DESIGNATED OUTSIDE BUILDING FOOTPRINT TO BE RELOCATED WITHIN BUILDING FOOTPRINT INCLUDES EXCAVATED PMC SOIL AND EXCESS DEC SOIL FROM REGRADING OUTSIDE BUILDING FOOTPRINT TO ACHIEVE SUBGRADE ELEVATIONS SHOWN.
 4. FINAL REMEDIATION SUBGRADE WITHIN BUILDING FOOTPRINT TO BE ADJUSTED AS NECESSARY DEPENDING ON THE ACTUAL VOLUME OF MATERIAL TO BE RELOCATED WITHIN THIS AREA. REMEDIATION SUBGRADES ACROSS THE BUILDING FOOTPRINT TO BE ADJUSTED BY VARYING THE REMEDIATION SUBGRADE ALONG THE EASTERN SIDE OF THE BUILDING UP OR DOWN AS NECESSARY. REMEDIATION SUBGRADE OF ELEVATION 9.0 ALONG THE WESTERN SIDE OF THE BUILDING SHALL NOT BE CHANGED.
 5. FINAL REMEDIATION SUBGRADE ACROSS ENTIRE BUILDING FOOTPRINT TO BE GRADED FLAT AFTER DESIGNATED SOIL OUTSIDE BUILDING FOOTPRINT HAS BEEN RELOCATED WITHIN BUILDING FOOTPRINT.
 6. FOLLOWING ESTABLISHMENT OF REMEDIATION SUBGRADES ACROSS ENTIRE SITE, THE CONTRACTOR'S LICENSED SURVEYOR SHALL FIELD SURVEY ELEVATIONS INCLUDING ALL SPOT GRADES SHOWN AND AT SURVEY GRID NODE LOCATIONS. SURVEYOR SHALL PREPARE RECORD MAP OF THIS SURFACE AND SUBMIT TO ENGINEER FOR APPROVAL.
 7. FOLLOWING ENGINEER APPROVAL OF REMEDIATION SUBGRADE RECORD MAP, CONTRACTOR TO PLACE HIGH VISIBILITY WARNING LAYER ACROSS ENTIRE SITE SURFACE PRIOR TO ANY ADDITIONAL EARTHWORK.

1:1 SLOPE STARTING AT A 2 FT OFFSET FROM THE PROPERTY LINE. TOP OF SLOPE TO MATCH EXISTING GRADE. TOE OF SLOPE AT APPROXIMATELY ELEVATION 5. SEE SPOT GRADES AND CONTOURS FOR EXACT ELEVATIONS.

1:1 SLOPE STARTING AT A 2 FT OFFSET FROM THE PROPERTY LINE. TOP OF SLOPE TO MATCH EXISTING GRADE. TOE OF SLOPE AT APPROXIMATELY ELEVATION 7. SEE SPOT GRADES AND CONTOURS FOR EXACT ELEVATIONS.

1:1 SLOPE STARTING AT A 2 FT OFFSET FROM THE PROPERTY LINE. TOP OF SLOPE TO MATCH EXISTING GRADE. TOE OF SLOPE AT APPROXIMATELY ELEVATION 6. SEE SPOT GRADES AND CONTOURS FOR EXACT ELEVATIONS.

1:1 SLOPE STARTING AT A 2 FT OFFSET FROM THE PROPERTY LINE. TOP OF SLOPE TO MATCH EXISTING GRADE. TOE OF SLOPE AT APPROXIMATELY ELEVATION 5. SEE SPOT GRADES AND CONTOURS FOR EXACT ELEVATIONS.

1:1 SLOPE STARTING AT A 2 FT OFFSET FROM THE PROPERTY LINE. TOP OF SLOPE TO MATCH EXISTING GRADE. TOE OF SLOPE AT APPROXIMATELY ELEVATION 4. SEE SPOT GRADES AND CONTOURS FOR EXACT ELEVATIONS.

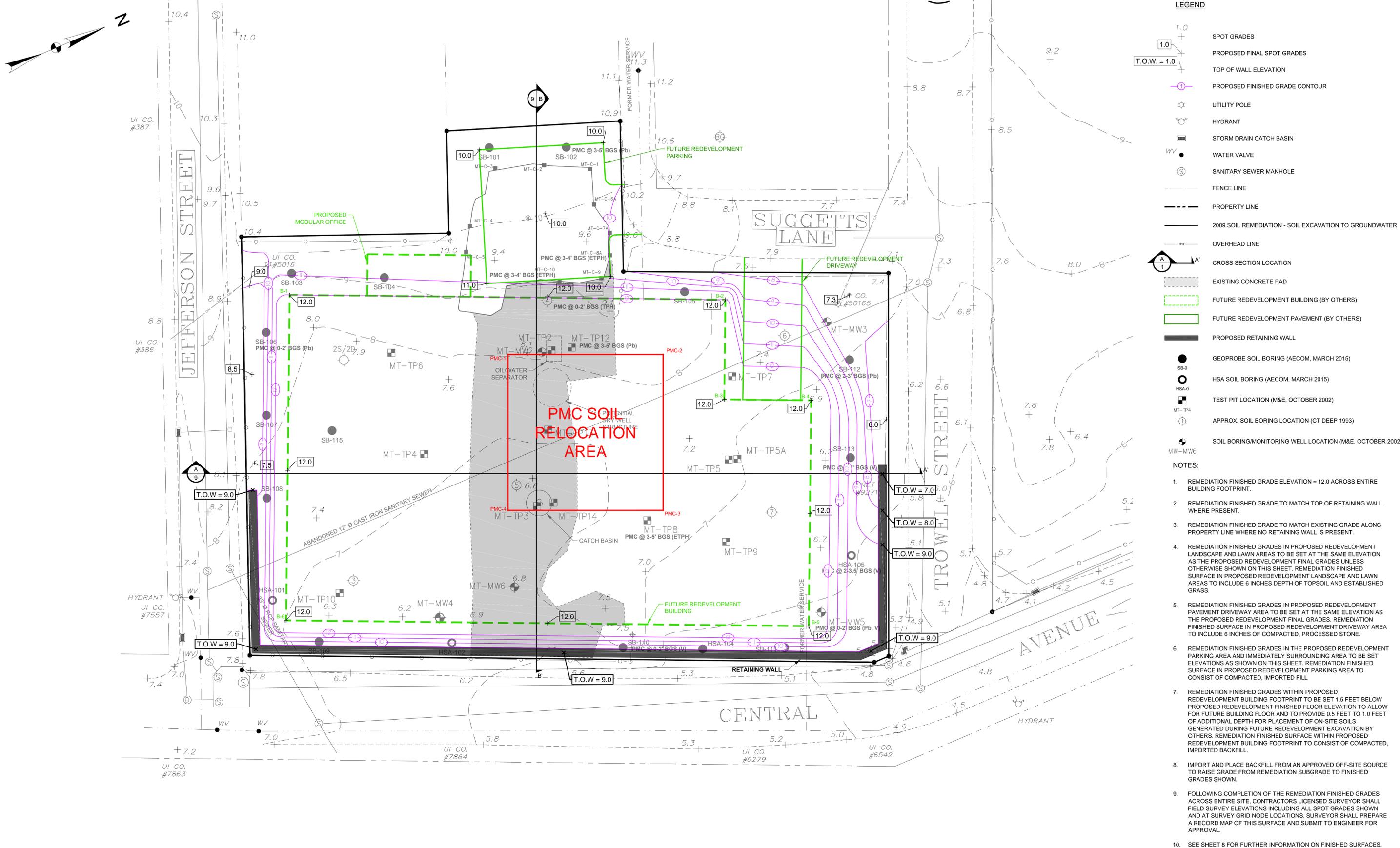
1:1 SLOPE STARTING AT A 2 FT OFFSET FROM THE PROPERTY LINE. TOP OF SLOPE TO MATCH EXISTING GRADE. TOE OF SLOPE AT APPROXIMATELY ELEVATION 3. SEE SPOT GRADES AND CONTOURS FOR EXACT ELEVATIONS.

NOTE:

GRADING SHALL NOT EXTEND BENEATH THE GROUNDWATER TABLE. IN AREAS WHERE THE GROUNDWATER IS ABOVE THE PROPOSED REMEDIATION SUBGRADE, THE CONTRACTOR SHALL STOP GRADING AT THE GROUNDWATER AND GRADE NO DEEPER IN THIS AREA. CONTRACTOR'S LICENSED SURVEYOR SHALL FIELD LOCATE AND PREPARE A RECORD MAP OF THE LIMITS AND ELEVATIONS WHERE THIS OCCURS.

<p>AECOM Environment 500 ENTERPRISE DR, STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p>	<p>SCALE: 1" = 20' SCALE</p>	<p>329 CENTRAL AVENUE BRIDGEPORT, CT</p>	<p>JOB 60328307</p>
	<p>UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION</p>	<p>REMEDATION SUBGRADES</p>	<p>FILE NO. _____</p> <p>CAD FILE _____</p> <p>SHEET 5</p>

PART/FILENAME: P:\60328307-BRIDGEPORT\BCT.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:16:18 PM
 ARCH D - 3-7-05



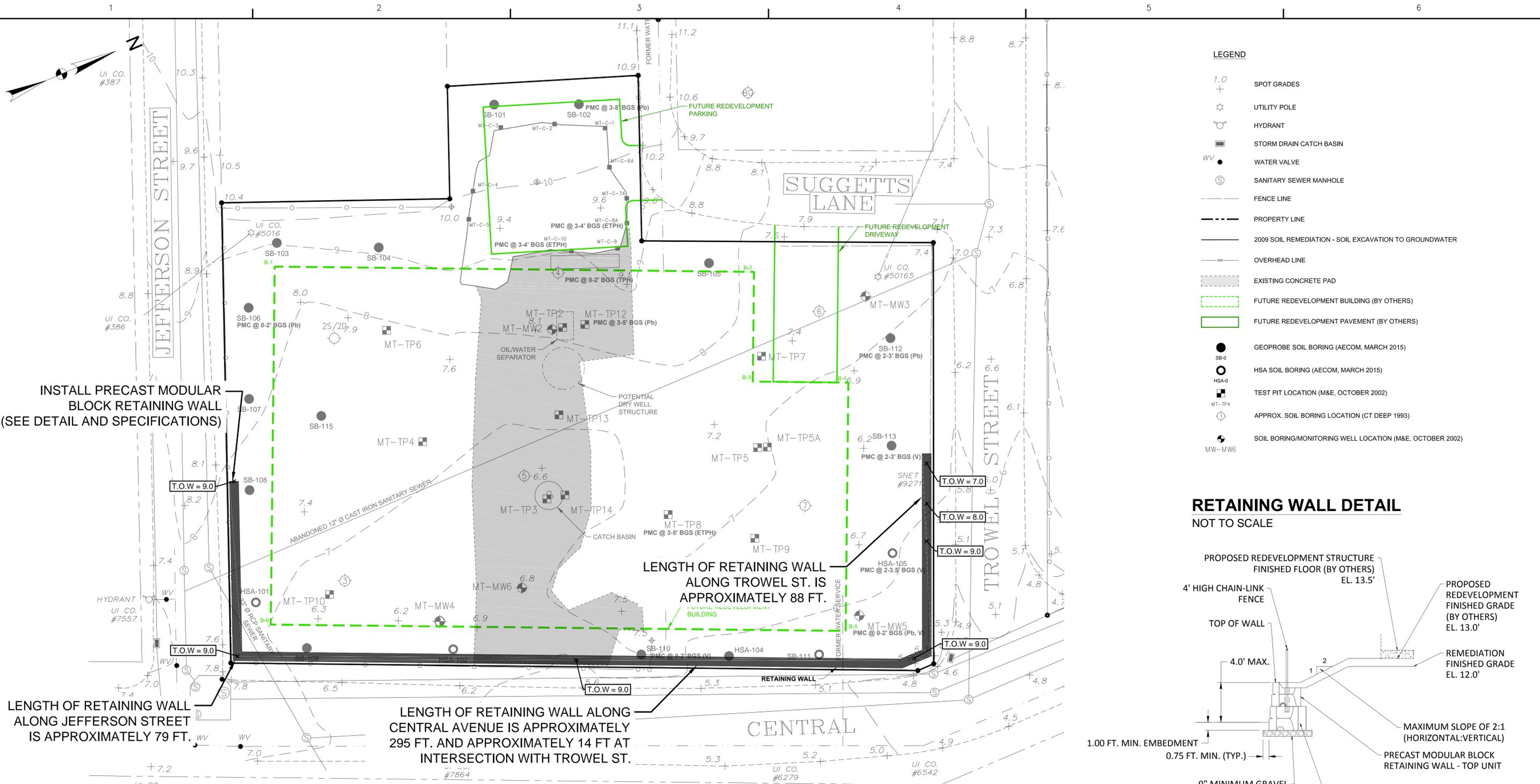
LEGEND

- 1.0 + SPOT GRADES
- 1.0 + PROPOSED FINAL SPOT GRADES
- + TOP OF WALL ELEVATION
- ① PROPOSED FINISHED GRADE CONTOUR
- ☆ UTILITY POLE
- ⊕ HYDRANT
- ☐ STORM DRAIN CATCH BASIN
- WV ● WATER VALVE
- ⊙ SANITARY SEWER MANHOLE
- - - FENCE LINE
- - - PROPERTY LINE
- - - 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
- - - OVERHEAD LINE
- ⊙ CROSS SECTION LOCATION
- ☐ EXISTING CONCRETE PAD
- ☐ FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
- ☐ FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
- ▬ PROPOSED RETAINING WALL
- SB-0 GEOPROBE SOIL BORING (AECOM, MARCH 2015)
- HSA-0 HSA SOIL BORING (AECOM, MARCH 2015)
- ☐ TEST PIT LOCATION (M&E, OCTOBER 2002)
- ⊙ MT-TP4 APPROX. SOIL BORING LOCATION (CT DEEP 1993)
- ⊙ SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)

- NOTES:**
1. REMEDIATION FINISHED GRADE ELEVATION = 12.0 ACROSS ENTIRE BUILDING FOOTPRINT.
 2. REMEDIATION FINISHED GRADE TO MATCH TOP OF RETAINING WALL WHERE PRESENT.
 3. REMEDIATION FINISHED GRADE TO MATCH EXISTING GRADE ALONG PROPERTY LINE WHERE NO RETAINING WALL IS PRESENT.
 4. REMEDIATION FINISHED GRADES IN PROPOSED REDEVELOPMENT LANDSCAPE AND LAWN AREAS TO BE SET AT THE SAME ELEVATION AS THE PROPOSED REDEVELOPMENT FINAL GRADES UNLESS OTHERWISE SHOWN ON THIS SHEET. REMEDIATION FINISHED SURFACE IN PROPOSED REDEVELOPMENT LANDSCAPE AND LAWN AREAS TO INCLUDE 6 INCHES DEPTH OF TOPSOIL AND ESTABLISHED GRASS.
 5. REMEDIATION FINISHED GRADES IN PROPOSED REDEVELOPMENT PAVEMENT DRIVEWAY AREA TO BE SET AT THE SAME ELEVATION AS THE PROPOSED REDEVELOPMENT FINAL GRADES. REMEDIATION FINISHED SURFACE IN PROPOSED REDEVELOPMENT DRIVEWAY AREA TO INCLUDE 6 INCHES OF COMPACTED, PROCESSED STONE.
 6. REMEDIATION FINISHED GRADES IN THE PROPOSED REDEVELOPMENT PARKING AREA AND IMMEDIATELY SURROUNDING AREA TO BE SET ELEVATIONS AS SHOWN ON THIS SHEET. REMEDIATION FINISHED SURFACE IN PROPOSED REDEVELOPMENT PARKING AREA TO CONSIST OF COMPACTED, IMPORTED FILL.
 7. REMEDIATION FINISHED GRADES WITHIN PROPOSED REDEVELOPMENT BUILDING FOOTPRINT TO BE SET 1.5 FEET BELOW PROPOSED REDEVELOPMENT FINISHED FLOOR ELEVATION TO ALLOW FOR FUTURE BUILDING FLOOR AND TO PROVIDE 0.5 FEET TO 1.0 FEET OF ADDITIONAL DEPTH FOR PLACEMENT OF ON-SITE SOILS GENERATED DURING FUTURE REDEVELOPMENT EXCAVATION BY OTHERS. REMEDIATION FINISHED SURFACE WITHIN PROPOSED REDEVELOPMENT BUILDING FOOTPRINT TO CONSIST OF COMPACTED, IMPORTED BACKFILL.
 8. IMPORT AND PLACE BACKFILL FROM AN APPROVED OFF-SITE SOURCE TO RAISE GRADE FROM REMEDIATION SUBGRADE TO FINISHED GRADES SHOWN.
 9. FOLLOWING COMPLETION OF THE REMEDIATION FINISHED GRADES ACROSS ENTIRE SITE, CONTRACTORS LICENSED SURVEYOR SHALL FIELD SURVEY ELEVATIONS INCLUDING ALL SPOT GRADES SHOWN AND AT SURVEY GRID NODE LOCATIONS. SURVEYOR SHALL PREPARE A RECORD MAP OF THIS SURFACE AND SUBMIT TO ENGINEER FOR APPROVAL.
 10. SEE SHEET 8 FOR FURTHER INFORMATION ON FINISHED SURFACES.

<p style="font-size: small;">AECOM Environment 500 ENTERPRISE DR. STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p>	<p>AECOM</p>	<p>SCALE:</p> <p>1" = 20'</p> <p>0 20 40 60 SCALE FEET</p> <p style="font-size: x-small;">UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION</p>	<p>329 CENTRAL AVENUE BRIDGEPORT, CT</p> <p>REMEDATION FINISHED GRADES</p>	<p>JOB 60328307</p> <p>FILE NO. <u> </u></p> <p>CAD FILE <u> </u></p> <p>SHEET 6</p>
--	---------------------	---	---	---

P:\15\15062\15062-01-01\BRIDGEPORT\BCT.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:16:28 PM
 ARCH D - 3-7-05



- LEGEND**
- 1.0 + SPOT GRADES
 - ☆ UTILITY POLE
 - HYDRANT
 - STORM DRAIN CATCH BASIN
 - WV ● WATER VALVE
 - ⊙ SANITARY SEWER MANHOLE
 - FENCE LINE
 - PROPERTY LINE
 - 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
 - OVERHEAD LINE
 - EXISTING CONCRETE PAD
 - FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
 - FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
 - SB-0 GEOPROBE SOIL BORING (AECOM, MARCH 2015)
 - HSA-0 HSA SOIL BORING (AECOM, MARCH 2015)
 - MT-TP4 TEST PIT LOCATION (M&E, OCTOBER 2002)
 - ⊙ APPROX. SOIL BORING LOCATION (CT DEEP 1993)
 - ⊙ SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)
 - MW-MW6

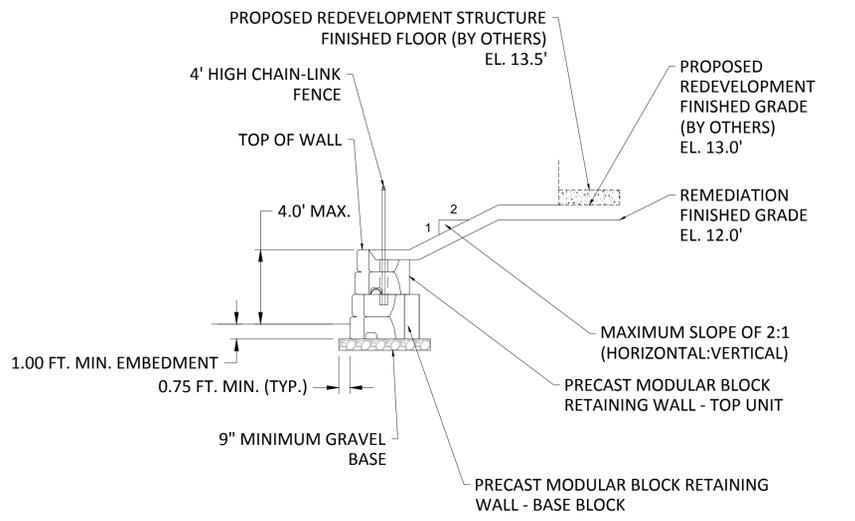
INSTALL PRECAST MODULAR BLOCK RETAINING WALL (SEE DETAIL AND SPECIFICATIONS)

LENGTH OF RETAINING WALL ALONG JEFFERSON STREET IS APPROXIMATELY 79 FT.

LENGTH OF RETAINING WALL ALONG CENTRAL AVENUE IS APPROXIMATELY 295 FT. AND APPROXIMATELY 14 FT AT INTERSECTION WITH TROWEL ST.

LENGTH OF RETAINING WALL ALONG TROWEL ST. IS APPROXIMATELY 88 FT.

RETAINING WALL DETAIL
NOT TO SCALE



1. IN CONJUNCTION WITH THE SITE EARTHWORK, CONTRACTOR SHALL INSTALL A PRECAST MODULAR BLOCK RETAINING WALL AS SHOWN.
2. RETAINING WALL SHALL BE IN THE LOCATION AND TO THE DIMENSIONS AND ELEVATIONS SHOWN.
3. PRIOR TO CONSTRUCTING RETAINING WALL, CONTRACTOR SHALL PROVIDE A SITE SPECIFIC DESIGN FOR THE PROPOSED WALL PREPARED AND STAMPED BY PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.
4. RETAINING WALL DESIGN SHALL ACCOUNT FOR FUTURE REDEVELOPMENT PLANS INCLUDING BUILDING AND GRADING.
5. BORING LOGS AND GEOTECHNICAL INFORMATION ARE PROVIDED IN AN APPENDIX TO THE CONTRACT DOCUMENTS FOR THE CONTRACTOR'S AND DESIGNER'S REFERENCE.
6. PRIOR TO CONSTRUCTING THE RETAINING WALL, CONTRACTOR SHALL PREPARE APPLICATION FOR AND OBTAIN CITY OF BRIDGEPORT BUILDING PERMIT.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH THE CITY BUILDING PERMIT FOR THE RETAINING WALL.
8. PROVIDE OUTLETS EVENLY SPACED ALONG BASE OF WALL FOR SUBSURFACE DRAIN BEHIND WALL.

- NOTES**
1. PROVIDE SUBSURFACE DRAINAGE BEHIND BASE OF WALL WITH EVENLY SPACED OUTLETS ALONG BASE OF WALL.
 2. EXTERIOR FACE OF WALL BASE BLOCK TO BE SET 1 FOOT BEHIND PROPERTY LINE.
 3. MINIMUM OF 1 FOOT OF SELECT FILL (SEE WALL SPECIFICATIONS) SHALL BE INSTALLED IMMEDIATELY BEHIND THE WALL.

AECOM

AECOM Environment
500 ENTERPRISE DR. STE 1A
ROCKY HILL, CT 06067
(860) 263-5800
www.aecom.com

SCALE:
1" = 20'
SCALE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

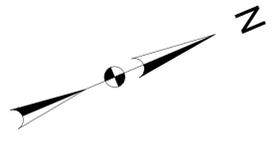
329 CENTRAL AVENUE
BRIDGEPORT, CT

RETAINING WALL

JOB 60328307
FILE NO. _____
CAD FILE BCF
SHEET 7

September 2015

P:\1\15\60328307 - BRIDGEPORT\BCF.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:16:38 PM
 ARCH D - 3-7-05



FOR FINISHED SURFACE AT ENTRANCE TO FUTURE REDEVELOPMENT PARKING, INSTALL 15 FT LONG ANTI-TRACKING PAD.

INSTALL SILT FENCE ALONG PROPERTY LINE (IMMEDIATELY INSIDE CHAIN LINK FENCE) AROUND ENTIRE PERIMETER OF PROPERTY (SEE DETAIL)

FOR FINISHED SURFACE IN FUTURE REDEVELOPMENT DRIVEWAY, INSTALL AND COMPACT 6" DEPTH OF PROCESSED STONE.

INSTALL SEDIMENT CONTROL AT ALL STORM DRAINAGE CATCH BASINS IN CITY ROADS IMMEDIATELY ADJACENT TO SITE (SEE DETAIL)

INSTALL SEDIMENT CONTROL AT ALL STORM DRAINAGE CATCH BASINS IN CITY ROADS IMMEDIATELY ADJACENT TO SITE (TYPICAL)

FOR FINISHED SURFACE IN FUTURE REDEVELOPMENT LANDSCAPE AND LAWN AREAS, INSTALL 6" DEPTH OF TOPSOIL, SEED AND ESTABLISH GRASS.

INSTALL ANTI-TRACKING PAD AT ALL CONSTRUCTION ENTRANCES (SEE DETAIL)

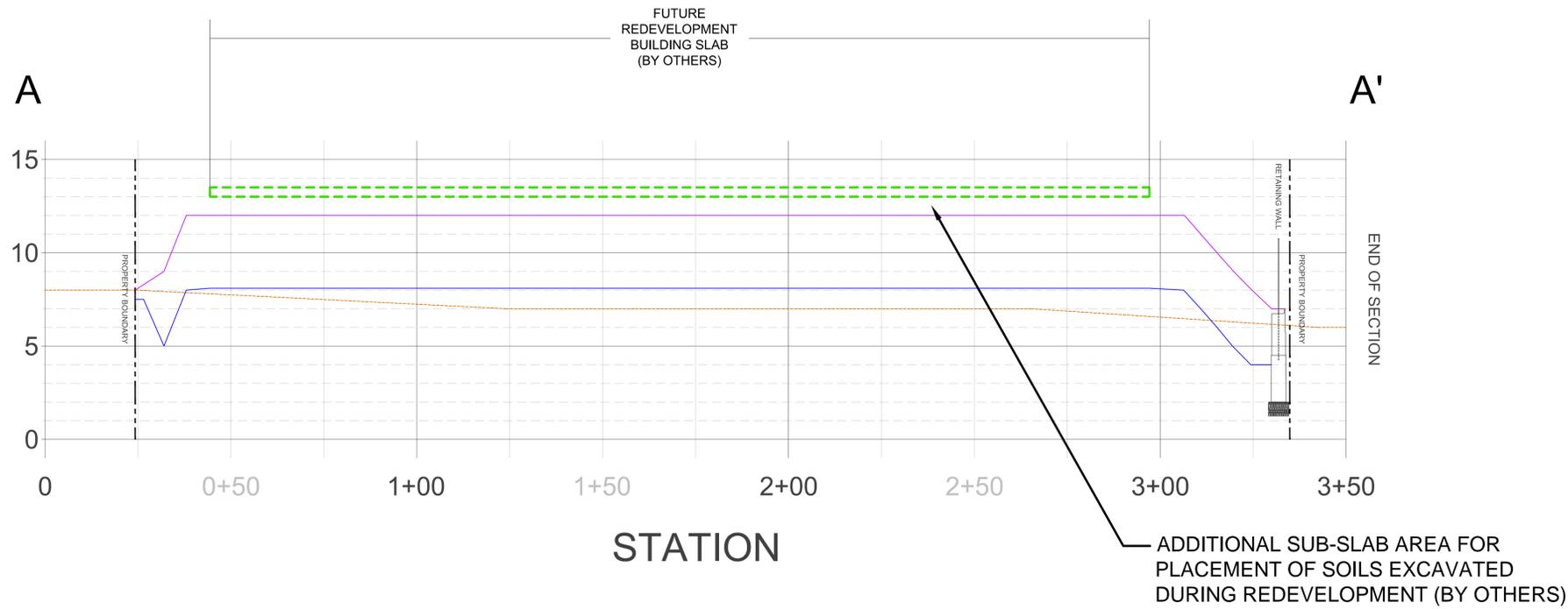
- LEGEND**
- 1.0 + SPOT GRADES
 - UTILITY POLE
 - HYDRANT
 - STORM DRAIN CATCH BASIN
 - WV WATER VALVE
 - SS SANITARY SEWER MANHOLE
 - FENCE LINE
 - PROPERTY LINE
 - 2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
 - OVERHEAD LINE
 - EXISTING CONCRETE PAD
 - FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
 - FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
 - PERIMETER SILT FENCE
 - CATCH BASIN SEDIMENT CONTROL
 - SB-0 GEOPROBE SOIL BORING (AECOM, MARCH 2015)
 - HSA-0 HSA SOIL BORING (AECOM, MARCH 2015)
 - MT-TP-4 TEST PIT LOCATION (M&E, OCTOBER 2002)
 - APPROX. SOIL BORING LOCATION (CT DEEP 1993)
 - MW-MW6 SOIL BORING/MONITORING WELL LOCATION (M&E, OCTOBER 2002)

- NOTES:**
1. INSTALL EROSION AND SEDIMENTATION CONTROLS IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
 2. CONTRACTOR TO INSPECT ALL EROSION AND SEDIMENTATION CONTROLS ON A ROUTINE BASIS AND AFTER EACH STORM.
 3. MAINTAIN EROSION AND SEDIMENTATION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT. REMOVE ACCUMULATED SOIL AND SEDIMENT FROM CONTROLS AND PLACE WITHIN PROPOSED BUILDING FOOTPRINT.
 4. DO NOT REMOVE CONTROLS. CONTROLS TO REMAIN IN PLACE FOR REDEVELOPMENT ACTIVITIES TO OCCUR AFTER REMEDIATION WORK.
 5. PROJECT ACTIVITIES ARE SUBJECT TO THE CTDEEP GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER AND DEWATERING WASTEWATERS FROM CONSTRUCTION ACTIVITIES AND SHALL COMPLY WITH ALL REQUIREMENTS OF THIS DISCHARGE PERMIT.
 6. THE ENGINEER HAS REGISTERED THE PROJECT FOR THIS GENERAL PERMIT AND HAS PREPARED A SITE STORMWATER POLLUTION CONTROL PLAN (SWPCP) FOR THE PROJECT. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE SWPCP AND SHALL MAINTAIN A COPY OF THE SWPCP AT THE SITE AT ALL TIMES.
 7. STAKED HAYBALE SILT BARRIERS SHALL BE INSTALLED AROUND ALL TEMPORARY STOCKPILE AREAS.

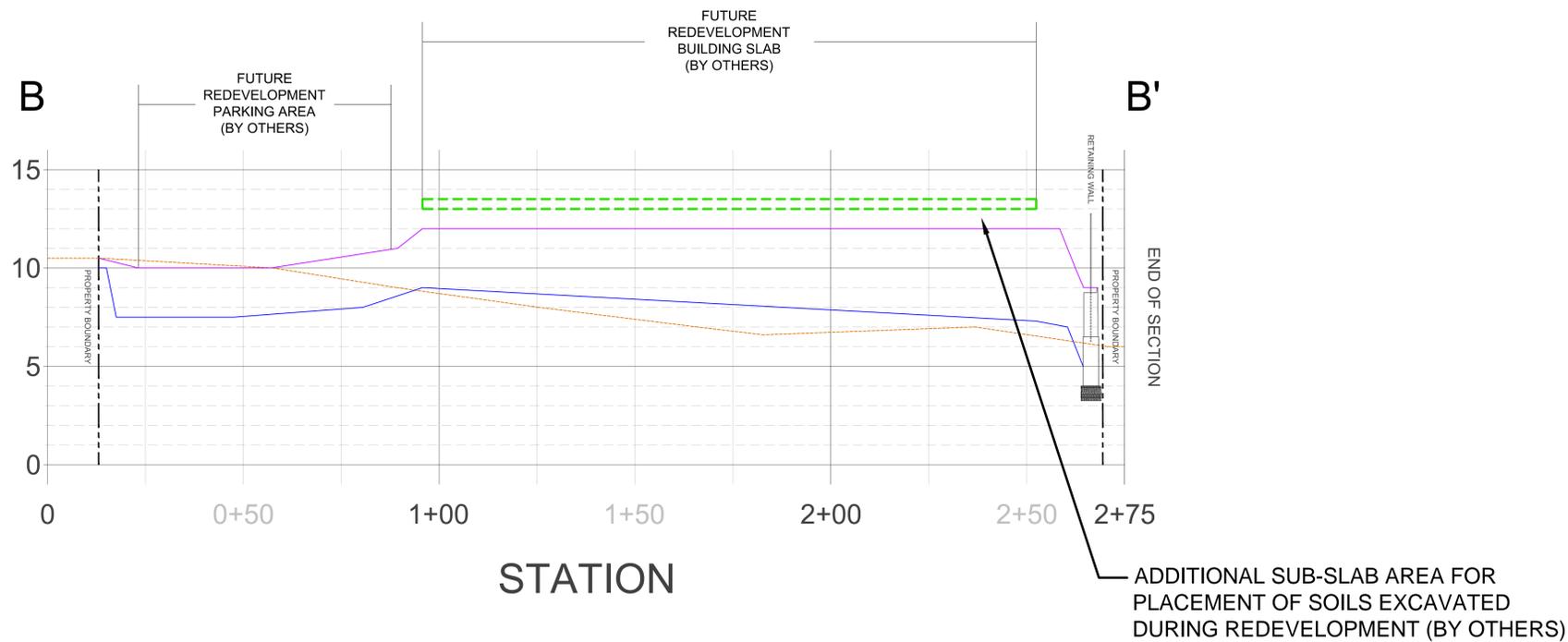
PART/FILENAME: P:\60328307-BRIDGEPORT\BCE.DWG
 LAST UPDATE: Monday, September 28, 2015 3:19:31 PM
 PLOT DATE: Monday, September 28, 2015 3:25:52 PM
 ARCH D - 3-7-05

<p>AECOM Environment 500 ENTERPRISE DR, STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p>	<p>SCALE: 1" = 20' SCALE</p> <p>UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION</p>	<p>329 CENTRAL AVENUE BRIDGEPORT, CT</p> <p style="text-align: center;">EROSION AND SEDIMENTATION CONTROLS</p>	<p>JOB: 60328307</p> <p>FILE NO.:</p> <p>CAD FILE: BCE</p> <p>SHEET: 8</p>
--	---	---	--

ELEVATION

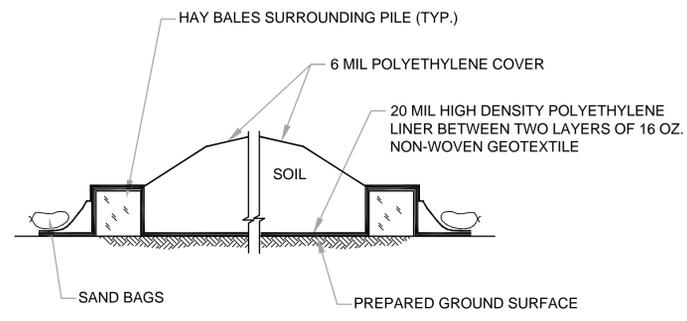


ELEVATION



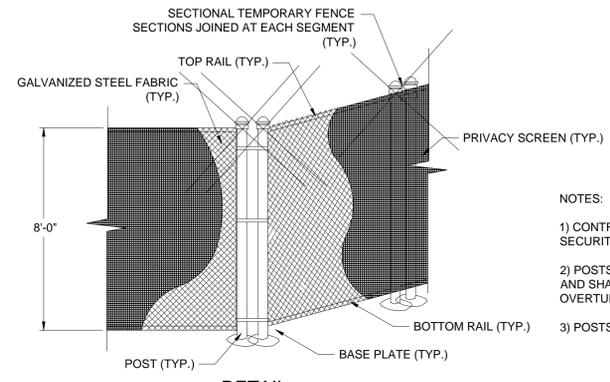
<p>AECOM Environment 500 ENTERPRISE DR, STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p> <p>AECOM</p>	<p>SCALE:</p> <p>HORIZONTAL SCALE</p> <p>1" = 20'</p> <p>0 20 40 60</p> <p>SCALE FEET</p>	<p>329 CENTRAL AVENUE BRIDGEPORT, CT</p> <p>CROSS-SECTIONS</p>	<p>JOB 60328307</p>
	<p>VERTICAL SCALE</p> <p>1" = 4'</p> <p>0 4 8 12</p> <p>SCALE FEET</p>		<p>FILE NO.</p>
	<p>UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION</p>		<p>CAD FILE BCF</p>
	<p>September 2015</p>		<p>SHEET 9</p>

P:\1\60328307-01\BRIDGEPORT\BCF.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:16:57 PM
 ARCH D - 3-7-05



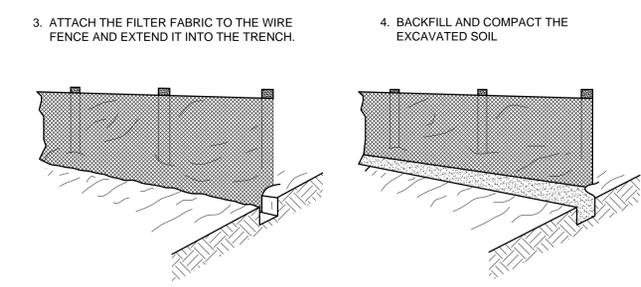
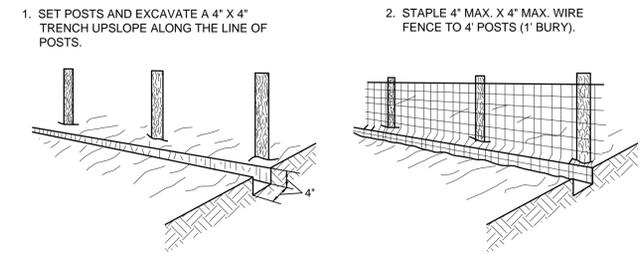
CONTAMINATED STOCKPILE MANAGEMENT
N.T.S.

1. STAGING OF CONTAMINATED SOIL SHALL COMPLY WITH ALL REQUIREMENTS OF THE CTDEEP GENERAL PERMIT FOR CONTAMINATED SOIL AND/OR SEDIMENT MANAGEMENT (STAGING AND TRANSFER).
2. NO CONTAMINATED SOIL STOCKPILE SHALL EXCEED 1000 CU. YDS AT ANY TIME UNLESS CONTRACTOR REGISTERS PROJECT FOR THE ABOVE REFERENCED GENERAL PERMIT.

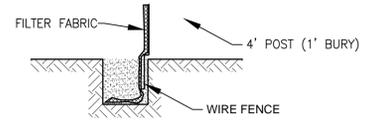


TEMPORARY SECURITY FENCE
N.T.S.

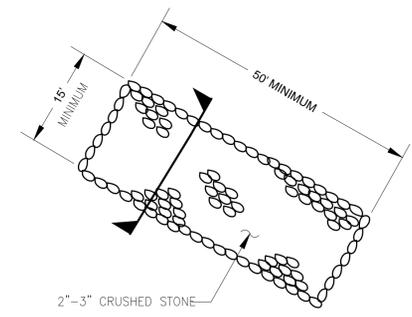
- NOTES:
- 1) CONTRACTOR SHALL MAINTAIN INTEGRITY OF SECURITY FENCING AND ENCLOSURE AT ALL TIMES.
 - 2) POSTS SHALL BE CONNECTED TO BASE PLATES AND SHALL BE SUFFICIENTLY WEIGHTED TO RESIST OVERTURNING.
 - 3) POSTS ARE NOT TO BE SET INTO THE GROUND.



EXTENSION OF FABRIC AND WIRE FENCE INTO THE TRENCH



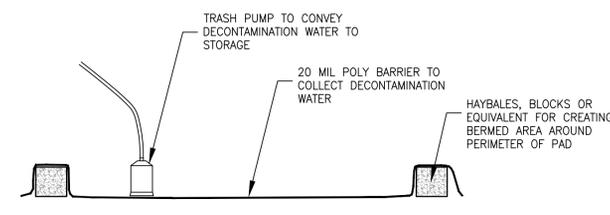
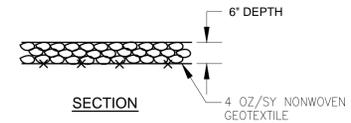
SILT FENCE
N.T.S.



ANTI-TRACKING PAD

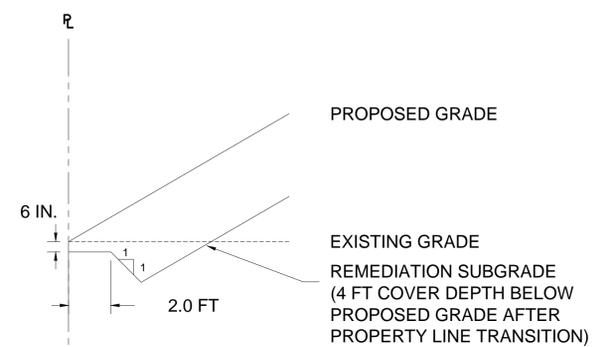
N.T.S.

INSTALL ANTI-TRACKING PADS AT ALL POINTS OF INGRESS/EGRESS TO ALL CONSTRUCTION AREAS.



EQUIPMENT TEMPORARY DECONTAMINATION AREA
N.T.S.

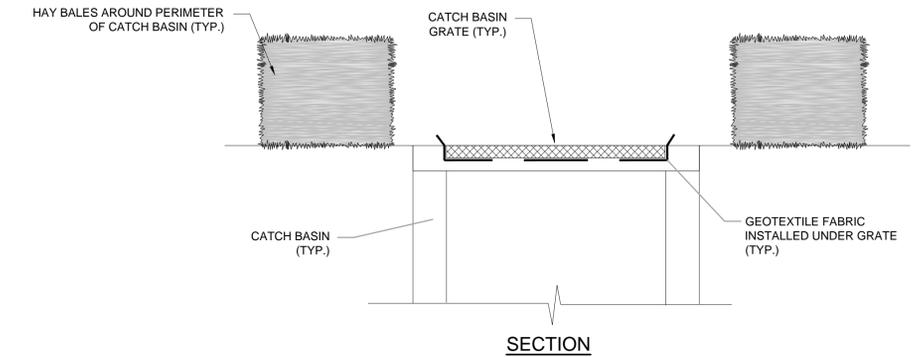
FOLLOWING COMPLETION OF DECONTAMINATION ACTIVITIES, REMOVE ACCUMULATED WASTES AND DECONTAMINATION AREA COMPONENTS ENTIRELY AND DISPOSE OFF SITE.



PROPERTY LINE TRANSITION

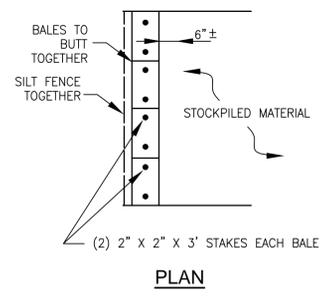
N.T.S.

CHAIN LINK FENCE AND SILT FENCE ALONG THE PROPERTY LINE

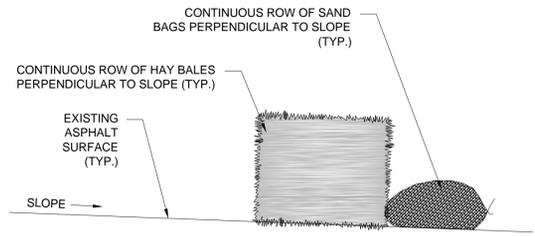


SEDIMENT CONTROL MEASURES AT EXISTING CATCH BASINS

N.T.S.



HAY BALE EROSION CONTROL
N.T.S.



SEDIMENT CONTROL MEASURES AT PAVED EXISTING SURFACE
N.T.S.

<p>AECOM Environment 500 ENTERPRISE DR, STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p>	SCALE:	329 CENTRAL AVENUE BRIDGEPORT, CT	JOB 60328307
	AECOM		FILE NO.
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION		DETAILS	CAD FILE BCF
		September 2015	SHEET 10

PLOT DATE: Monday, September 28, 2015 3:17:07 PM
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 ARCH D - 3-7-05

GENERAL NOTES

- INFORMATION SHOWN ON THE DRAWINGS RELATING TO MATERIALS, CONDITIONS, AND OR LOCATIONS OF EXISTING STRUCTURES AND UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING FIELD SURVEY, UTILITY AND COMPANY TOWN RECORD MAPS AND DRAWINGS, AND IS NOT GUARANTEED ACCURATE OR COMPLETE.
- EXISTING CONDITIONS, AS PRESENTED, REPRESENT THOSE CURRENT AS OF THE DATE OF THE FIELD SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF SITE CONDITIONS PRIOR TO THE START OF WORK.
- EXISTING UTILITIES AND UNDERGROUND STRUCTURES SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY. ALL UTILITIES SHALL BE LOCATED IN THE FIELD BY THE CONTRACTOR. NEITHER THE ENGINEER NOR THE OWNER WARRANTS OR GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE ENGINEER HAS NOT PHYSICALLY LOCATED ALL OF THE UNDERGROUND UTILITIES. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR START ANY KIND OF EXCAVATION WORK PRIOR TO OBTAINING ALL THE NECESSARY INFORMATION REGARDING THE UNDERGROUND UTILITIES AT THE SITE.
- ALL EXCAVATION SHALL BE ACCOMPLISHED IN SUCH A MANNER THAT UNDERGROUND/OVERHEAD UTILITIES OR STRUCTURES ARE NOT DAMAGED. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY FOR ANY DAMAGE INCURRED DURING REMEDIATION ACTIVITIES. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY EXISTING PIPE OR UTILITY DAMAGED DURING REMEDIATION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PAVEMENT AND ROADWAYS, AND SHALL REPAIR SUCH DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
- ALL STREET SIGNS, MAILBOXES, PLANTINGS, ORNAMENTAL OBJECTS, LIGHTS, LANDSCAPE SHRUBBERY, ETC., SHALL BE PROTECTED FROM DAMAGE AND SHALL BE REPLACED IN THE SAME OR BETTER CONDITION BY THE CONTRACTOR IF DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 TO ARRANGE FOR MARKING OUT THE LOCATION OF EXISTING UNDERGROUND UTILITIES AT LEAST 72 HOURS IN ADVANCE OF EXCAVATION.
- ALL FUEL, OIL, PAINT OR OTHER HAZARDOUS MATERIALS SHALL BE STORED IN A SECONDARY CONTAINMENT AREA AND SECURED IN A LOCKED AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
- A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL SUCH AS BOOMS OR BLANKETS SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES TO CLEAN UP POTENTIAL SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE AND OIL.
- SPILLS OF HAZARDOUS MATERIALS SHALL BE REPORTED IMMEDIATELY TO THE FOLLOWING: CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION, OIL AND CHEMICAL SPILLS UNIT AT 860-424-3338 OR 1-866-337-7745.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRANSPORT AND DISPOSAL OF ALL WASTES GENERATED DURING THE PROJECT.
- CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY WORK WITH THE RESPECTIVE UTILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION AND COSTS ASSOCIATED WITH CUSTOMER OWNED SERVICES AND FOR ALL UTILITY WORK MADE FOR THE CONTRACTOR'S CONVENIENCE INCLUDING TEMPORARY UTILITY RELOCATIONS(S) AND RECONNECTION(S).
- CONTRACTOR SHALL LOCK AND SECURE THE CONSTRUCTION ENTRANCE GATE(S) AT THE END OF EACH DAY.
- WASHOUT OF APPLICATORS, CONTAINERS, VEHICLES AND EQUIPMENT FOR CONCRETE, PAINT, AND OTHER MATERIALS SHALL ONLY BE CONDUCTED WITHIN DESIGNATED AREAS. SUCH WASHOUT SHALL BE CONDUCTED IN AN ENTIRELY SELF-CONTAINED WASHOUT SYSTEM. ALL WASTE INCLUDING WASTEWATER AND HARDENED CONCRETE FROM WASHOUTS SHALL BE COMPLETELY COLLECTED AND DISPOSED OF AT A PERMITTED OFF-SITE DISPOSAL FACILITY. NO WASHOUT MATERIALS OR WASTES SHALL BE RELEASED OR DISCHARGED ON-SITE.
- CONTRACTOR SHALL PROVIDE A SECURITY GUARD ON-SITE DURING ALL NON-WORKING HOURS INCLUDING BUT NOT LIMITED TO NIGHTS, WEEKENDS AND HOLIDAYS.

REMEDICATION

- DURING EXCAVATION OF CONTAMINATED SOIL, CONTRACTOR TO EXERCISE CARE TO MINIMIZE EXCESS SOIL REMOVED FROM OUTSIDE OF THE EXCAVATION LIMITS SHOWN.
- IF NECESSARY, DEWATERING OF EXCAVATED SOIL SHALL BE BY GRAVITY DRAINAGE WITHIN THE ORIGINAL EXCAVATION TO THE MAXIMUM EXTENT POSSIBLE. IF ADDITIONAL DEWATERING IS NECESSARY, EXCAVATED SOIL MAY BE FURTHER DEWATERED IN A STOCKPILE AND ALL DEWATERING LIQUIDS SHALL BE COLLECTED, CHARACTERIZED AND PROPERLY DISPOSED OFF-SITE.
- THROUGHOUT ALL PROJECT ACTIVITIES, CONTRACTOR SHALL CONTINUOUSLY MONITOR FOR AIRBORNE DUST LEVELS USING A DIGITAL DUST METER.
- CONTRACTOR SHALL MAINTAIN AIRBORNE DUST LEVELS BELOW APPLICABLE OSHA LEVELS OR CONTRACTOR SHALL STOP WORK AND MAKE NECESSARY ADJUSTMENT TO THE WORK. CONTRACTOR SHALL USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT THE AMOUNT OF DUST RISING AND SCATTERING IN THE AIR TO THE LOWEST PRACTICAL LEVEL AND BELOW APPLICABLE OSHA LEVELS. THIS INCLUDES BUT IS NOT LIMITED TO USE OF A WATER TRUCK FOR DUST SUPPRESSION.
- ALL OPEN EXCAVATION AREAS GREATER THAN TWO FEET DEEP SHALL BE PROPERLY SECURED WITH TEMPORARY FENCING AND SIGNAGE.
- CONTRACTOR IS ADVISED THAT CONCRETE PADS, FOUNDATIONS, AND FOOTINGS MAY REMAIN AT THE SITE FROM FORMER BUILDINGS AND MAY BE PRESENT BENEATH THE GROUND. IF ENCOUNTERED, CONTRACTOR SHALL REMOVE CONCRETE TO A MINIMUM OF 6 INCHES BELOW THE PROPOSED EXCAVATION LIMIT OR PROPOSED GRADE IN THE AREA. CONCRETE REMOVED SHALL BE BROKEN INTO PIECES WITH NO DIMENSION LARGER THAN 4 FEET IN ANY DIRECTION. CONCRETE PIECES SHALL BE MIXED WITH NATIVE SOIL BEING RELOCATED AND BURIED ON SITE WITH THIS SOIL.
- REMOVE/ABANDON ANY EXISTING MONITORING WELLS ENCOUNTERED DURING THE WORK.

CHARACTERIZATION AND OFF-SITE DISPOSAL OF CONTAMINATED SOIL

- COORDINATE WITH ENGINEER, ANALYTICAL LABORATORY, AND WASTE DISPOSAL FACILITY TO PERFORM WASTE DISPOSAL CHARACTERIZATION.
- CONTRACTOR TO COLLECT SAMPLES OF THE STOCKPILED SOIL FOR WASTE DISPOSAL CHARACTERIZATION AND TO PROVIDE LABORATORY ANALYSES OF THESE SAMPLES.
- WASTE CHARACTERIZATION SAMPLING TO BE PERFORMED AT FREQUENCY AND FOR PARAMETERS REQUIRED BY DISPOSAL FACILITY.
- CONTRACTOR AND ENGINEER TO REVIEW ANALYTICAL RESULTS AND AGREE ON WASTE DISPOSAL CHARACTERIZATION AND APPROPRIATE DISPOSAL FACILITY FOR SOIL.
- CONTRACTOR TO SUBMIT DISPOSAL LABORATORY ANALYTICAL RESULTS TO WASTE DISPOSAL FACILITY FOR FACILITY ACCEPTANCE OF THE WASTE.
- UPON RECEIPT OF DISPOSAL FACILITY ACCEPTANCE OF WASTE IN WRITING AND PRIOR TO ANY SOIL DISPOSAL, CONTRACTOR TO SUBMIT COPY OF THIS ACCEPTANCE TO THE ENGINEER.
- CONTRACTOR TO PREPARE NECESSARY SHIPPING PAPERS (SUCH AS WASTE MANIFEST, BILL OF LADING, OR OTHER FORMS AS NECESSARY). ENGINEER TO REVIEW SHIPPING PAPERS AND OWNER TO SIGN AS GENERATOR OF WASTE.
- CONTRACTOR TO LOAD, TRANSPORT, AND DISPOSE OF CONTAMINATED SOIL FOLLOWING DISPOSAL FACILITY ACCEPTANCE AND APPROVAL OF THE ENGINEER.
- CONTRACTOR TO SUBMIT ALL FINAL WASTE DISPOSAL DOCUMENTATION (SHIPPING PAPERS WITH DISPOSAL FACILITY SIGNATURE AND CERTIFICATES OF DISPOSAL) TO THE ENGINEER FOLLOWING RECEIPT.

REMEDIAL EXCAVATION CONFIRMATION SAMPLING

- FOLLOWING CONTAMINATED SOIL EXCAVATION, ENGINEER TO COLLECT SOIL CONFIRMATION SAMPLES FROM THE BOTTOM AND EACH SIDE WALLS OF THE EXCAVATION.
- SPACING BETWEEN CONFIRMATION SAMPLES TO BE NO GREATER THAN 20 FT. CONTRACTOR TO ASSIST ENGINEER WITH CONFIRMATION SAMPLE COLLECTION WITH BACKHOE/EXCAVATOR IF NECESSARY.
- CONTRACTOR TO PROVIDE ANALYSIS OF CONFIRMATION SAMPLES BY ANALYTICAL LABORATORY. CONFIRMATION SAMPLES TO BE ANALYZED FOR ETHP, VPH, VOLATILE ORGANIC COMPOUNDS, SEMI-VOLATILE ORGANIC COMPOUNDS, CTDEEP RSR METALS, AND PCBs.
- CONTRACTOR TO ALLOW UP TO 5 BUSINESS DAYS FOLLOWING SUBMITTAL OF CONFIRMATION SAMPLE RESULTS TO ENGINEER FOR ENGINEER TO REVIEW SAMPLE RESULTS AND CONFIRM EXCAVATION IS COMPLETE OR REVISE EXCAVATION LIMITS BASED ON ANALYTICAL RESULTS.
- IF EXCAVATION LIMITS ARE TO BE REVISED, ENGINEER TO PROVIDE DRAWING OF REVISED EXCAVATION LIMITS.
- CONTRACTOR TO EXCAVATE ADDITIONAL SOIL WHERE DIRECTED BY THE ENGINEER.
- FOLLOWING APPROVAL BY ENGINEER THAT CONTAMINATED SOIL EXCAVATION IS COMPLETE, CONTRACTOR SHALL LINE EXCAVATION WITH GEOTEXTILE FABRIC AND THEN BACKFILL EXCAVATION WITH CLEAN IMPORTED FILL.
- CONTRACTOR SHALL SECURE EXCAVATION WITH TEMPORARY FENCING UNTIL BACKFILLING IS COMPLETE.

BACKFILL AND IMPORTED FILL

- THE CONTRACTOR SHALL BACKFILL THE UST GRAVE AND ASSOCIATED CONTAMINATED SOIL EXCAVATION AREAS WITH IMPORTED BACKFILL MATERIAL FROM AN OFF-SITE SOURCE.
- FOLLOWING COMPLETION OF REMEDIATION SUBGRADES, CONTRACTOR SHALL PROVIDE, PLACE AND COMPACT IMPORTED BACKFILL FROM AN OFF-SITE SOURCE ACROSS THE SITE TO ACHIEVE REMEDIATION FINISHED GRADES.
- IMPORTED BACKFILL SHALL MEET ALL CONTRACT SPECIFICATION REQUIREMENTS AND SHALL BE PLACED IN LIFTS OF NO MORE THAN 8 INCHES AND COMPACTED TO A MINIMUM OF 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY BENEATH THE PROPOSED BUILDING, PROPOSED PAVEMENT OR OTHER STRUCTURE, AND COMPACTED TO A MINIMUM OF 90% OF THE MATERIAL'S MAXIMUM DRY DENSITY ELSEWHERE.
- CONTRACTOR SHALL PROVIDE LABORATORY ANALYSIS (CHEMICAL AND GEOTECHNICAL) OF ALL SOIL AND FILL MATERIAL TO BE IMPORTED TO THE SITE. ALL IMPORTED FILL MATERIAL SHALL BE TESTED FOR PCBs, VOLATILE ORGANIC COMPOUNDS, SEMI-VOLATILE ORGANIC COMPOUNDS, EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS, PESTICIDES, HERBICIDES, TOTAL CYANIDE, AND CTDEEP RSR METALS. METALS SHALL BE ANALYZED ON BOTH A MASS AND SPLP BASIS, AND FOLLOWING REVIEW OF THE DATA, ADDITIONAL SPLP ANALYSES MAY BE NECESSARY.
- CONTRACTOR SHALL COLLECT AND PROVIDE DATA AT A SAMPLING FREQUENCY OF ONE SAMPLE FOR EVERY 1000 CUBIC YARDS OF MATERIAL TO BE BROUGHT ON-SITE.
- THE CONTRACTOR SHALL SUBMIT ANALYTICAL AND GEOTECHNICAL DATA FOR ANY SOIL TO BE IMPORTED TO THE SITE TO THE ENGINEER FOR APPROVAL PRIOR TO BRINGING ANY OF THE MATERIAL ON-SITE.
- ALL IMPORTED FILL TO BE USED ON-SITE **BELOW THE GROUNDWATER TABLE** AND FOR BACKFILLING THE UST GRAVE AND SURROUNDING EXCAVATION SHALL BE FROM A VIRGIN SOURCE AND SHALL NOT CONTAIN CONTAMINANTS. THE CONTRACTOR SHALL CONFIRM IN WRITING THAT THIS FILL BROUGHT ON-SITE IS FROM A VIRGIN SOURCE AND AN AREA OF NO KNOWN RELEASES. THIS IMPORTED FILL TO BE USED ON-SITE BELOW THE GROUNDWATER TABLE SHALL NOT CONTAIN ANY DETECTABLE PCBs, VOLATILE ORGANIC CHEMICALS, SEMI-VOLATILE ORGANIC CHEMICALS, EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS, CYANIDE, PESTICIDES OR HERBICIDES THAT MAY BE INDICATIVE OF A RELEASE. METALS CONCENTRATIONS IN THIS BACKFILL MATERIAL SHALL BE BELOW NUMERICAL CRITERIA SPECIFIED IN THE CTDEEP REMEDIATION STANDARD REGULATIONS (RESIDENTIAL DIRECT EXPOSURE CRITERIA AND GB POLLUTANT MOBILITY CRITERIA).
- ALL IMPORTED FILL TO BE USED ON-SITE **ABOVE THE GROUNDWATER TABLE** MAY CONTAIN LOW LEVELS OF CONTAMINANTS, BUT SHALL NOT CONTAIN PCBs AND SHALL NOT CONTAIN ANY CONTAMINANT CONCENTRATIONS EXCEEDING CTDEEP REMEDIATION STANDARD REGULATIONS CRITERIA (RESIDENTIAL DIRECT EXPOSURE CRITERIA AND POLLUTANT MOBILITY CRITERIA FOR GA GROUNDWATER AREAS).
- FILL WITH LOW LEVEL CONTAMINATION TO BE IMPORTED FROM ANOTHER SITE AND REUSED AT THE PROJECT SITE WILL REQUIRE NOTIFICATION TO AND APPROVAL FROM CTDEEP FOR THE REUSE OF POLLUTED SOIL. AS LEP FOR THE SITE, ENGINEER SHALL PREPARE AND MAKE THIS NOTIFICATION. CONTRACTOR SHALL ASSIST ENGINEER WITH THIS NOTIFICATION INCLUDING PROVIDING NECESSARY INFORMATION REGARDING THE SOURCE AND NATURE OF THE MATERIAL TO BE IMPORTED TO THE SITE. CONTRACTOR SHALL PLAN AND ALLOW ADEQUATE TIME FOR THIS SUBMITTAL PREPARATION AND CTDEEP REVIEW AND APPROVAL.

PERMITS

- COMPLIANCE WITH ALL PROJECT PERMIT CONDITIONS IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL FEES ASSOCIATED WITH APPLYING AND OBTAINING ANY REMAINING REQUIRED PERMITS WILL BE MADE AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LOCAL, STATE AND FEDERAL PERMITS REQUIRED THAT ARE NOT PREVIOUSLY OBTAINED AND MADE PART OF THE CONTRACT DOCUMENTS. THESE INCLUDE BUT ARE NOT LIMITED TO:
 - CITY OF BRIDGEPORT BUILDING PERMIT FOR CONSTRUCTION OF THE RETAINING WALL.
 - CITY OF BRIDGEPORT PERMIT FOR CONSTRUCTION EQUIPMENT AND PERSONNEL OPERATING WITHIN THE CITY STREET RIGHT OF WAYS.
- UNLESS THE CONTRACTOR REGISTERS WITH CT DEEP PURSUANT TO THE REQUIREMENTS OF THE GENERAL PERMIT FOR CONTAMINATED SOIL AND/OR SEDIMENT MANAGEMENT, THE CONTRACTOR WILL NOT BE ALLOWED TO STORE GREATER THAN 1000 CUBIC YARDS OF CONTAMINATED SOIL ON-SITE AT ANY ONE TIME.

TRAFFIC CONTROL

- CONTRACTOR TO MAINTAIN THROUGH TRAFFIC ON CITY STREETS AT ALL TIMES.
- CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN FOR PROPOSED WORK PRIOR TO CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO PROVIDE TRAFFIC CONTROL (INCLUDING POLICE DETAIL WHEN NECESSARY) DURING ACTIVITIES AFFECTING LOCAL ROADS.
- CONTRACTOR SHALL POST SIGN AT ALL CONSTRUCTION ENTRANCES INDICATING "CONSTRUCTION ENTRANCE, AUTHORIZED VEHICLES ONLY". SIGNS SHALL BE ORANGE REFLECTIVE BACKGROUND WITH BLACK LETTERING AND CONSTRUCTED FROM A DURABLE MATERIAL THAT WILL REMAIN IN GOOD CONDITION THROUGHOUT THE PROJECT.

FLOOD CONTINGENCY PLANNING

- THE CONTRACTOR IS HEREBY NOTIFIED THAT THE ENTIRE SITE IS WITHIN A FEMA 100-YEAR FLOODPLAIN.
- PER THE LATEST FEMA FLOOD STUDY, THE 100-YEAR FLOOD ELEVATION ACROSS THE SITE IS ELEVATION 13.
- THE CONTRACTOR SHALL CONDUCT ALL WORK ON-SITE WHICH IS WITHIN REGULATED FLOODPLAIN AREAS WITH APPROPRIATE SAFEGUARDS, AND SHALL IMPLEMENT CONTINGENCY MEASURES IF FLOODING OCCURS. SAFEGUARDS AND CONTINGENCY MEASURES WILL BE IMPLEMENTED AND MAINTAINED IN ACCORDANCE WITH THE FLOOD CONTINGENCY PLAN (INCLUDED AS AN APPENDIX TO THE CONTRACT DOCUMENTS).

SURVEYOR

- CONTRACTOR TO RETAIN SERVICES OF LAND SURVEYOR LICENSED IN STATE OF CT FOR ALL SURVEYING WORK ON THE PROJECT, AND SHALL SUBMIT SURVEYOR'S NAME AND LICENSE NUMBER, COMPANY NAME AND ADDRESS TO ENGINEER PRIOR TO THE START OF WORK AT THE SITE.
- LICENSED SURVEYOR TO LOCATE AND IDENTIFY IN THE FIELD ALL SITE PROPERTY LINES PRIOR TO PROJECT ACTIVITIES.
- LICENSED SURVEYOR TO STAKE OUT PROPOSED BUILDING FOOTPRINT WITH STAKES AT NO MORE THAN 100 FEET SPACING ALONG THE PERIMETER SO THAT THIS PERIMETER IS CLEARLY IDENTIFIED IN THE FIELD. LICENSED SURVEYOR TO MAINTAIN THESE BUILDING FOOTPRINT STAKES THROUGHOUT THE PROJECT.
- LICENSED SURVEYOR TO STAKE OUT IN THE FIELD PROPOSED CONTAMINATED SOIL EXCAVATION LIMITS AND LIMITS OF PMC SOIL RELOCATION AREA.
- FOLLOWING COMPLETION OF CONTAMINATED SOIL EXCAVATION, LICENSED SURVEYOR TO LOCATE HORIZONTAL AND VERTICAL LIMITS OF THE REMEDIAL EXCAVATION AND CONFIRMATION SAMPLE LOCATIONS.
- LICENSED SURVEYOR TO ESTABLISH A 50 FOOT BY 50 FOOT HORIZONTAL GRID ACROSS THE ENTIRE SITE. LICENSED SURVEYOR TO FIELD SURVEY REMEDIATION SUBGRADE AND REMEDIATION FINISHED GRADE ELEVATIONS AT ALL GRID NODES, AT ALL LOCATIONS WHERE THE GRID INTERSECTS THE PROPERTY LINES, AT ALL PROPOSED SPOT GRADE LOCATIONS SHOWN ON THE CONTRACT DRAWINGS, AND AT ADDITIONAL SIGNIFICANT LOCATIONS AS NECESSARY TO PROVIDE COMPREHENSIVE ELEVATION DATA FOR THE KEY REMEDIATION SURFACES ACROSS THE ENTIRE SITE.
- THE SURVEY GRID IS INTENDED TO CREATE COINCIDENT POINTS TO DEMONSTRATE COMPLIANCE WITH REGULATORY COVER DEPTH REQUIREMENTS AND ALSO TO PROVIDE SURVEY DATA IF NECESSARY FOR VOLUMETRIC CALCULATIONS FOR PAYMENT ITEMS.
- LICENSED SURVEYOR TO FIELD SURVEY THE FINAL REMEDIATION SUBGRADES FOLLOWING SOIL RELOCATION AND COMPACTION ON-SITE AND PRIOR TO PLACEMENT OF IMPORTED FILL MATERIAL.
- LICENSED SURVEYOR TO FIELD SURVEY FINAL REMEDIATION FINISHED GRADES FOLLOWING PLACEMENT AND COMPACTION OF IMPORTED FILL MATERIAL AT THE SITE.
- LICENSED SURVEYOR TO PREPARE RECORD DRAWINGS OF THE PROJECT AND SUBMIT TO THE ENGINEER UPON COMPLETION OF THE WORK. RECORD DRAWINGS SHALL INCLUDE:
 - HORIZONTAL GRID LOCATION ACROSS THE ENTIRE SITE.
 - HORIZONTAL AND VERTICAL LIMITS OF UST GRAVE AND ADJACENT CONTAMINATED SOIL EXCAVATION.
 - EXISTING GRADES ACROSS THE ENTIRE SITE FOLLOWING BACKFILL OF UST GRAVE AND ASSOCIATED CONTAMINATED SOIL EXCAVATION AND PRIOR TO REGRADING OF ON-SITE SOIL.
 - FINAL REMEDIATION SUBGRADE ELEVATIONS OF SOIL ON-SITE PRIOR TO IMPORTED FILL PLACEMENT.
 - FINAL AS BUILT FINISHED GRADES FOLLOWING COMPLETION OF PLACEMENT AND GRADING OF IMPORTED FILL TO ACHIEVE FINAL REMEDIATION GRADES.
 - ELEVATIONS AND HORIZONTAL LIMITS OF ANY SOIL GRADING AREAS WHERE REMEDIATION SUBGRADES DID NOT REACH THE PLANNED DEPTH DUE TO THE PRESENCE OF GROUNDWATER.
- THE RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER IN EACH OF THE FOLLOWING FORMATS:
 - POINT DATA (.TXT, .CSV, .XLS)
 - AUTOCAD (.DWG)
 - HARD COPY (SIGNED AND SEALED BY THE CT LICENSED LAND SURVEYOR)

WARNING LAYER

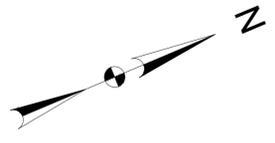
- FOLLOWING ENGINEER APPROVAL OF THE REMEDIATION SUBGRADES ESTABLISHED IN THE FIELD, CONTRACTOR SHALL PLACE A HIGH VISIBILITY WARNING LAYER ACROSS THE ENTIRE REMEDIATION SUBGRADE PRIOR TO PLACEMENT OF IMPORTED FILL ABOVE.
- WARNING LAYER SHALL BE HIGH VISIBILITY DEMARCACTION NETTING (ORANGE IN COLOR) TO SERVE AS A VISUAL BARRIER FOR FUTURE ACTIVITIES AT THE SITE.
- WARNING LAYER SHALL BE SUITABLE FOR DIRECT BURIAL AND DURABLE AND RESISTANT TO DECAY SUCH AS POLYPROPYLENE OR OTHER COMPARABLE MATERIAL.
- WARNING LAYER SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- IF WARNING LAYER IS AFFECTED BY ULTRAVIOLET LIGHT, THEN MATERIAL SHALL BE STORED TO PROTECT FROM EXPOSURE TO SUNLIGHT AND SHALL BE PROMPTLY COVERED WITH BACKFILL DURING INSTALLATION TO MINIMIZE EXPOSURE.
- WARNING LAYER SHALL NOT BE INSTALLED IN COLD TEMPERATURES THAT COULD INCREASE THE RISK OF BREAKAGE OR DAMAGE TO THE MATERIAL.
- IF NECESSARY DURING INSTALLATION TO PREVENT THE WARNING LAYER FROM BLOWING OR SLIDING, CONTRACTOR MAY USE STAKES OR OTHER SUITABLE MEANS TO TEMPORARILY ANCHOR THE MATERIAL IN PLACE.

 <p>AECOM Environment 500 ENTERPRISE DR, STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p>	SCALE:	329 CENTRAL AVENUE BRIDGEPORT, CT	JOB <u>60328307</u>
	UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION		FILE NO. _____ CAD FILE <u>BCF</u> SHEET <u>11</u>

NOTES

P:\PROJECTS\60328307 - BRIDGEPORT\BCF.DWG
LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
PLOT DATE: Monday, September 28, 2015 3:17:17 PM

ARCH D - 3-7-05



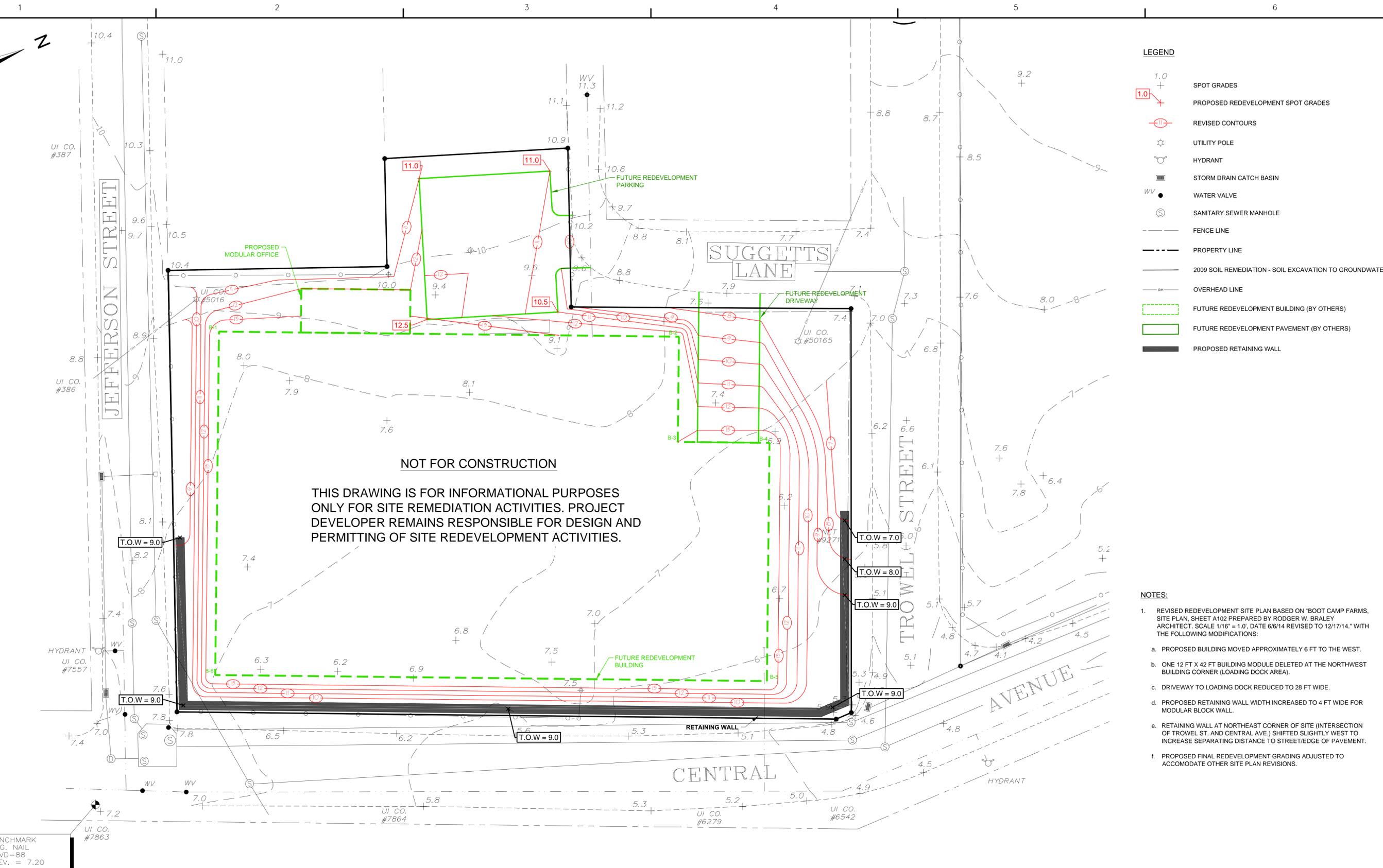
LEGEND

	SPOT GRADES
	PROPOSED REDEVELOPMENT SPOT GRADES
	REVISED CONTOURS
	UTILITY POLE
	HYDRANT
	STORM DRAIN CATCH BASIN
	WATER VALVE
	SANITARY SEWER MANHOLE
	FENCE LINE
	PROPERTY LINE
	2009 SOIL REMEDIATION - SOIL EXCAVATION TO GROUNDWATER
	OVERHEAD LINE
	FUTURE REDEVELOPMENT BUILDING (BY OTHERS)
	FUTURE REDEVELOPMENT PAVEMENT (BY OTHERS)
	PROPOSED RETAINING WALL

- NOTES:**
- REVISED REDEVELOPMENT SITE PLAN BASED ON "BOOT CAMP FARMS, SITE PLAN, SHEET A102 PREPARED BY RODGER W. BRALEY ARCHITECT. SCALE 1/16" = 1.0", DATE 6/6/14 REVISED TO 12/17/14." WITH THE FOLLOWING MODIFICATIONS:
 - PROPOSED BUILDING MOVED APPROXIMATELY 6 FT TO THE WEST.
 - ONE 12 FT X 42 FT BUILDING MODULE DELETED AT THE NORTHWEST BUILDING CORNER (LOADING DOCK AREA).
 - DRIVEWAY TO LOADING DOCK REDUCED TO 28 FT WIDE.
 - PROPOSED RETAINING WALL WIDTH INCREASED TO 4 FT WIDE FOR MODULAR BLOCK WALL.
 - RETAINING WALL AT NORTHEAST CORNER OF SITE (INTERSECTION OF TROWEL ST. AND CENTRAL AVE.) SHIFTED SLIGHTLY WEST TO INCREASE SEPARATING DISTANCE TO STREET/EDGE OF PAVEMENT.
 - PROPOSED FINAL REDEVELOPMENT GRADING ADJUSTED TO ACCOMMODATE OTHER SITE PLAN REVISIONS.

NOT FOR CONSTRUCTION

THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY FOR SITE REMEDIATION ACTIVITIES. PROJECT DEVELOPER REMAINS RESPONSIBLE FOR DESIGN AND PERMITTING OF SITE REDEVELOPMENT ACTIVITIES.



BENCHMARK
MAG. NAIL
NAVD-88
ELEV. = 7.20

<p style="font-size: small;">AECOM Environment 500 ENTERPRISE DR. STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p> <p style="font-size: x-large; font-weight: bold; text-align: center;">AECOM</p>	<p>SCALE:</p> <p style="text-align: center;">0 20 40 60 1" = 20' SCALE FEET</p> <p style="font-size: x-small;">UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION</p>	<p style="font-size: x-small;">329 CENTRAL AVENUE BRIDGEPORT, CT</p> <p style="font-size: large; font-weight: bold;">REVISED REDEVELOPMENT SITE PLAN</p> <p style="font-size: x-small;">September 2015</p>	<p>JOB 60328307</p> <p>FILE NO. _____</p> <p>CAD FILE BCF</p> <p>SHEET 12</p>
--	--	--	--

PART/FILENAME: P:\60328307-BR\BRIDGEPORT\BCF.DWG
 LAST UPDATE: Monday, September 28, 2015 3:13:19 PM
 PLOT DATE: Monday, September 28, 2015 3:18:18 PM
 ARCH D - 3-7-05