



Addendum No.: 2

Date Of Addendum: September 7, 2017

CT DAS • Construction Services • Process Management and Procurement Unit

Demolition of 10 Clinton Street
Hartford, CT 06106
BI – 2B – 422

Original Bid Due Date / Time:

9/13/2017

1:00 PM

Previous Addendums: Addendum #1 dated September 5, 2017

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated 6/21/2017. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form.

Failure to acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form shall subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1:

In the Project Manual, Section 01 52 13, Paragraph C, add the following:

The General Contractor shall supply the Construction Administrator and the Owner office or trailer(s) with a water cooler for hot and cold water.

1. Owner and Construction Administrator's Field Offices / Equipment:

The General Contractor shall provide a field office for the Owner and Construction Administrator. The field office shall be one (1) single wide trailer 12' x 60'. The trailer shall have to be in "new condition" as determined by the Construction Administrator. The trailer shall have a minimum of two (2) offices, each with a minimum of 150 square feet each, and a main meeting area. The trailers shall have ample natural light, heating of sufficient capacity to maintain 70 degrees (F) in winter and air conditioning of sufficient capacity to maintain 75 degrees (F) in summer. The operational noise level of the supplied HVAC systems shall be low enough so as not to impede the conducting of meetings. The General Contractor shall provide a 5-lb. ABC fire extinguisher and an OSHA- approved first aid kit. The General Contractor shall provide the following furniture, and equipment which will remain his property. The furniture may be used but shall be in good condition as judged by the Owner and Construction Administrator. General Contractor shall supply the State User Agency provided office or trailer(s) with a water cooler for hot and cold water.

1.1	The General Contractor shall provide a lockable chemical toilet(s) with toilet tissue for the owners' use. The General Contractor shall maintain the facility in a sanitary condition. (See Section 01 52 19 Temporary Sanitary Facilities).
1.2	Two (2) Lockable, double-pedestal, office desks, each with an executive chair.
1.3	Two (2) Plan tables.
1.4	Two (2) Plan racks.
1.5	Ten (10) Conference chairs and a conference table (approx. 5 feet x 12 feet).
1.6	Two (2) Side tables (approx. 3 feet x 5 feet).
1.7	Two (2) Wall mounted, cork display boards (4 foot x 6 foot).
1.8	Two (2) Wall mounted, white, wipe-off board, with markers (3 foot x 4 foot).
1.9	Four (4) File cabinets (lockable four drawer letter size).
1.10	Two (2) Bookshelves each with 10 linear feet x 12 inch wide shelving.
1.11	Two (2) Large capacity waste receptacles.
1.12	One (1) Plain paper, Fax Machine with dedicated telephone line approved by Owner.
1.13	Two (2) Telephones with telephone lines and voice mail.

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1.14	Two (2) Telephones lines (dedicated to computer use) with high- speed Internet connection (minimum of DSL or cable modem service).
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Item 2:

Drawing C1.01 was revised to reflect the adjustment and extension of the temporary construction fencing line at the 79 Elm Street side which will block the existing parking spaces and access to the storage garage.

Item 3:

All work associated with the pedestrian bridge connecting 10 Clinton Street to 79 Elm Street removal and the enclosure to 79 Elm Street is to be done off hours to minimize impacts with accessibility to DEEP's parking garage.

The typical business hours of operation for DEEP are 7:00 a.m. through 5:00 p.m. Monday through Friday.

Noise restrictions and construction requirements must comply with local municipality requirements.

Item 4:

See the attached updated Drawing C3.01 to clarify utility line disconnections. A sketch of CAS pipe lines showing is provided for reference only.

Item 5:

Drawing C2.01 was revised to clarify surrounding building protection and associated exterior pre-filter locations.

Specification Section 02 41 19 Building Demolition was revised to be consistent with plan revisions – please see the attached which replaces what is currently in the Project Manual. The header for this section in the Project Manual did not match the Table of Contents section number which has been corrected in the attached revision.

Item 6:

Question: "Please provide Structural drawings and cross section drawings of the following:

- a. 10 Clinton Street
- b. Pedestrian Bridge
- c. Detail of connection between the pedestrian bridge and building to remain
- d. Coal hopper, to determine proper shoring for equipment staging"

Answer: All available structural information can be located from the existing building drawings and the building addition drawings currently posted on the State's bidding portal for this specific project which can be found at the following link: https://www.biznet.ct.gov/SCP__Search/BidDetail.aspx?CID=44114

Item 7:

Question: "Is it possible to gain access into the coal hopper? If not, are there existing pictures of the interior?"

Answer: The coal hopper could be accessed by removing the grate at the top and performing a confined space entry after contractor award. There are no existing pictures of the interior available.

Item 8:

Question: "Who is responsible for the sidewalk closure permits and all associated costs owed to the City of Hartford?"

Answer: See the mandatory pre-bid agenda for this project as well as Addendum 1, Item 16.

Item 9:

Question: "Will existing power and water utilities in the building be available for the prime contractor to use for work scheduled before the structure is demolished?"

Answer: No. The Owner has been in the process of terminating all active utilities to 10 Clinton Street including Frontier Communications, Eversource, MDC, DAS FM CAS, Comcast, and Connecticut Natural Gas.

Item 10:

Question: "Please clarify what the State of Connecticut requires for a temporary office."

Answer: See Addendum 2, Item 1.



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Item 11:

Question: "Does the temporary fence need to be driven into the ground? Please confirm that the temporary fence requires a fabric screen."

Answer: The temporary fence does not need to be driven into the ground. Temporary fence does require screening.

Item 12:

Question: "Please clarify if this project will be subject to any LEEDs requirements."

Answer: See Addendum 1, Item 18.

Item 13:

Question: "Please clarify who is responsible for the disconnection of the utilities feeding the building."

Answer: See Addendum 2, Item 4.

Item 14:

Question: "Freeman Companies was retained by the State of Connecticut DAS/DCS to develop the Dust Control and Air Monitoring Plan for this project. Please confirm that Freeman Companies be responsible for implementing the plan for the duration of the project."

Answer: Yes, Freeman will be implementing the plan.

Item 15:

Question: "Will the sidewalk and street closures permit fees be waived?"

Answer: No municipal fees are waived for this project.

Item 16:

Question: "Does the time for the curing of the new wall before we are allowed to backfill the basement count against the schedule?"

Answer: Yes. All Work shall be substantially complete within 150 calendar days of commencement of the work.

Item 17:

Question: "Drawing C4.01 shows the existing parking lot being milled and repaved. At the walk through we were told we only need to patch certain areas of the parking lot that have damage. Please clarify the scope of the asphalt installation."

Answer: The parking lot is to be patched, milled, and repaved as indicated on Drawing C4.01.

Item 18:

Question: "Who is responsible for the removal and reinstallation of the traffic gate at the Capitol Ave entrance?"

Answer: The contractor is to remove and reinstall the traffic gate at the Capitol Avenue Entrance. The Contractor can either protect the existing concrete island and bollards through the duration of construction, or install a new concrete gate island and bollards before requesting Substantial Completion.

Item 19:

Question: "At the walk through we were not granted access to the generator room. As part of our scope of work we need to infill an opening with concrete in the generator room. Please provide the dimensions of the opening in the generator room that we need to be infilled."

Answer: All available existing building information can be located from the existing building drawings and the building addition drawings currently posted on the State's bidding portal for this specific project which can be found at the following link:

https://www.biznet.ct.gov/SCP_Search/BidDetail.aspx?CID=44114

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Question: "Detail 1/C4.02 shows the plan view of the new concrete wall. The detail shows two existing concrete stair systems along the path of the new wall. The documents do not show the removal of these two stair systems. Are these two concrete stair systems on the drawings scheduled to be removed?"

Answer: These concrete stair systems are shown to be removed on Drawing C3.02.

Item 21:

Question: "Will we be allowed to use the basement loading dock area adjacent to 79 Elm Street? This area is going to be needed to remove the mechanical equipment from the basement and to load out the asbestos fireproofing."

Answer: It is the State's intention to not interfere with the typical daily hours (see Item 4) of the operations of surrounding buildings. Provided the Contractor can perform removal activities that do not interfere with traffic flow of surrounding buildings, use of the area would be allowed. Advanced scheduling and notice must be provided by the Contractor and approved by the State before start of work.

Item 22:

Question: "Please show us the exact location where you would like the steam line capped."

Answer: Drawing C3.01 was revised to more clearly show utility disconnects.

Item 23:

Question: "Please provide the structural loading capacity of the coal bin located underneath the parking lot, adjacent to 79 Elm Street. We will need access to across the coal bin to demolish the pedestrian bridge and build the new retaining wall."

Answer: Structural loading capacity is to be determined by the Contractor's structural engineer. An engineered design for a temporary shoring plan is part of the submittal requirements for this project. Reference Demolition Note No. 18 and detail called out in the area on Drawing C3.01 and Building Demolition Specification Section 02 41 19 submittal requirements.

Item 24:

Question: "Is the air handling equipment in the basement contaminated with asbestos fireproofing? Will the demolition of this equipment need to be performed within containment?"

Answer: Yes and it will need to be demoed inside proper containment.

Item 25:

Question: "Please clarify the utility disconnects. Water and sewer are turned off but still require the contractor to physically to cut them and cap them. Would supply a detail as to the location you want the disconnect made and a detail as to how it is to be done."

Answer: Drawing C3.01 was revised to more clearly show utility disconnects. Contractor shall coordinate with utility companies and make disconnections per their standards.

Item 26:

Question: "Would you supply in the first addendum the bidders list at the walk through"

Answer: See Addendum 1, Item 2 and its supporting attachment.

Item 27:

Question: "Please provide a detail as to the location and the requirements for the capping of the steam lines"

Answer: Drawing C3.01 was revised to more clearly show utility disconnects. A sketch of CAS pipe lines showing is provided for reference only.



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All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Freeman Companies, LLC – Paul Rodrigues via fax to (860) 986-7161) with copies sent to the DAS Project Manager (Sarah Tierney via fax to (860) 622-2965).

End of Addendum 2

A handwritten signature in cursive script that reads "Mellanee Walton".

Mellanee Walton, Associate Fiscal Administrative Officer
State of Connecticut
Department of Administrative Services
Construction Services
Office of Legal Affairs, Policy & Procurement

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes:

1. Demolition and removal of buildings, including removal of foundations.
2. Demolition and removal of structures.
3. Demolition and removal of site improvements.
4. Demolition and removal of capped and abandoned site utilities.
5. Demolition materials recycling requirements: The Work of this contract shall provide for a minimum of **50%** by weight of the solid waste generated in the Work to be diverted from landfill disposal through a combination of re-use and recycling activities.
6. This section includes requirements for submittal of:
 - a. Contractor's Waste Management and Recycling Plan prior to the commencement of the Work.
 - b. Contractor's quantitative reports for demolition waste materials generated by the Contractor, as a condition of approval of progress payments.
7. This project will be certified for a Leadership in Energy and Environmental Design (LEED) rating from the U.S. Green Building Council. A minimum of **50%**, recycling of demolition debris is required.

1.02 DEFINITIONS [Note: refer to statutory definitions as required by state or local agencies or use the definitions below]

- A. Remove: Remove and legally dispose of items, except those identified for use in recycling, re-use, and salvage programs.
- B. Environmental Pollution and Damage: The presence of chemical, physical, or biological elements or agents which adversely affect human health or welfare; unfavorably alter ecological balances of importance to human or animal life; affect other species of importance to humanity; or degrade the utility of the environment for aesthetic, cultural or historical purposes.
- C. Inert Fill: A permitted facility that accepts inert waste such as asphalt and concrete exclusively for the purpose of disposal.
 1. Inert Solids/Inert Waste: Non-liquid solid waste including, but not limited to, soil and concrete, that does not contain hazardous substances or soluble pollutants at concentrations in excess of water-quality standards established by a regional water board and does not contain significant quantities of decomposable solid waste.
- D. Demolition Waste: Building materials and solid waste resulting from construction, remodeling, repair, cleanup, or demolition operations that are not hazardous. This term includes, but is not limited to, asphalt concrete, Portland cement concrete, brick, lumber, gypsum wallboard, cardboard and other associated packaging, roofing material, ceramic tile, carpeting, plastic pipe,

and steel. The materials may include rock, soil, tree stumps, and other vegetative matter resulting from land clearing and landscaping for construction or land development projects.

- E. Chemical Waste: Includes petroleum products, bituminous materials, salts, acids, alkalis, herbicides, pesticides, organic chemicals and inorganic wastes.
- F. Recycling: The process of sorting, cleansing, treating and reconstituting materials for the purpose of using the altered form in the manufacture of a new product. Recycling does not include burning, incinerating or thermally destroying solid waste.
- G. Reuse: The use, in the same or similar form as it was produced, of a material which might otherwise be discarded.
- H. Solid Waste: All putrescible and nonputrescible solid, semisolid, and liquid wastes, including garbage, trash, refuse, paper, rubbish, ashes, industrial wastes, demolition and construction wastes, abandoned vehicles and parts thereof, discarded home and industrial appliances, dewatered, treated, or chemically fixed sewage sludge which is not hazardous waste, manure, vegetable or animal solid and semisolid wastes, and other discarded solid and semisolid wastes. "Solid waste" does not include hazardous waste, radioactive waste, or medical waste as defined or regulated by State law.

1.03 MATERIALS OWNERSHIP

- A. Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain property of State of Connecticut, demolished materials shall become the Contractor's property and shall be removed, recycled, or disposed from Project site in an appropriate and legal manner.
 - 1. Arrange a meeting no less than ten (10) days prior to demolition with the State of Connecticut and other designated representatives to review any salvageable items to determine if the State of Connecticut wants to retain ownership, and discuss Contractor's Waste Management and Recycling Plan.

1.04 SUBMITTALS

- A. Submittals for Construction Document phase:
 - 1. Qualification Data: For demolition firm. Note firm must indicate successful completion of a minimum of 10 previous projects of similar size and construction.
- B. Submittals for Demolition phase:
 - 1. Proposed dust-control measures for adjacent existing buildings and sites.
 - 2. Proposed noise-control measures.
 - 3. Schedule of demolition activities indicating the following:
 - a. Detailed sequence of demolition and removal work, including start and end dates for each activity. See section 1.04 B.9 for additional information.

- b. Dates for shutoff, capping, and continuation of utility services.
4. If hazardous materials are encountered and disposed of, landfill records indicating receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.
5. Contractor's Waste Management and Recycling Plan:
 - a. Review Contract Documents and site conditions and estimate total Project C&D materials to be generated, names of landfills where Project C&D materials would normally be disposed of. Indicate types and quantities of materials under the Work that are anticipated to be feasible for on-site processing, and source-separation for re-use or recycling. Indicate procedures that will be implemented in this program to effect jobsite source-separation, such as, identifying a convenient location where dumpsters would be located signage to identify materials to be placed in dumpsters, etc.,
 - b. Prior to commencing the Work, Contractor's Waste Management and Recycling Plan. Waste Management and Recycling Plan must include, but not be limited to, the following:
 - Contractor's name and project identification information;
 - Procedures to be used;
 - Materials to be re-used and recycled;
 - Estimated total quantities of materials generated in Project;
 - Names and locations of landfills, re-use and recycling facilities/sites;
 - Tonnage calculations that demonstrate that Contractor will re-use and recycle a minimum of 50% by weight of C&D materials generated in the Work.
 - c. Contractor's Waste Management and Recycling Plan must be approved by the State prior to the start of work.
 - d. Contractor's Waste Management and Recycling Plan will not otherwise relieve the Contractor of responsibility for adequate and continuing control of pollutants and other environmental protection measures.
6. Contractor's Reuse, Recycling, and Disposal Report
 - a. Submit Contractor's Reuse, Recycling, and Disposal Report with each application for progress payment. Failure to submit the form and its supporting documentation will render the application for progress payment incomplete and delay progress payments. If applicable, include manifests, weight tickets, receipts, and invoices specifically identifying the Project for re-used and recycled materials:
 - On-site crushing of asphalt and concrete for use off-site;
 - Reuse of building materials or salvageable items;
 - Source-separated recycling facilities;
 - Mixed debris recycling facilities;
 - Recycling of material, including soils, as landfill alternative daily cover;
 - Delivery of soils or mixed inerts to an inert landfill or other use;
 - Disposal of soils or other materials at a landfill or transfer station;

- b. Contractor's Reuse, Recycling, and Disposal Report must quantify all materials generated in the Work, disposed in Class III Landfills, or diverted from disposal through recycling. Indicate zero (0) if there is no quantity to report for a type of material. As indicated on the form:
- Report disposal or recycling either in tons or in cubic yards: if scales are available at disposal or recycling facility, report in tons; otherwise, report in cubic yards. Report in units for salvage items when no tonnage or cubic yard measurement is feasible.
 - Indicate locations to which materials are delivered for reuse, salvage, recycling, accepted as daily cover, inert backfill, or disposal in landfills or transfer stations.
 - Provide legible copies of weigh tickets, receipts, or invoices that specifically identify the project generating the material. Said documents must be from recyclers and/or disposal site operators that can legally accept the materials for the purpose of re-use, recycling, or disposal:

Indicate project title, project number, progress payment number, name of company completing the Contractor's Report and compiling backup documentation, the printed name, signature, and daytime phone number of the person completing the form, the beginning and ending dates of the period covered on the Contractor's Report, and the date that the Contractor's Report is completed.

7. Plans and details indicating the proposed method(s) of protecting existing adjoining structures during the demolition work.
8. A detailed demolition report indicating the proposed method(s) of completing the surgical demolition work including but not limited to the following:
 - a) Method(s) of debris removal.
 - b) Lists of proposed demolition equipment to be used including crane layout plan.
 - c) Site utilization for demolition and debris removal.
 - d) Method(s) of testing of sound levels.
 - e) Detailed plan and proposed materials and or methods for protection of adjacent buildings. See section 3.04 B 5 for additional information.
9. The contractor shall submit a detailed structural engineering report, prepared by a licensed Structural Engineer, outlining the proposed methods and sequences of demolition. The report shall include design information on required temporary and permanent support. The report shall be submitted for review prior to beginning work.
10. Plan indicating locations of building movement targets. See section 3.04 B 5 for additional information.

11. Project Closeout:

- a. Record drawings: Identify and accurately locate capped utilities and other subsurface structural, electrical, or mechanical conditions.

1.05 QUALITY ASSURANCE

- A. Demolition Firm Qualifications: Licensed demolition contractor shall be an experienced firm that has successfully completed demolition Work similar to that indicated for this Project.
- B. Regulatory Requirements: Comply with all governing DEEP and EPA notification regulations before starting demolition. Comply with hauling and disposal regulations of authorities having jurisdiction. Obtain and pay for all permits required.
- C. Pre-demolition Conference: Conduct conference at Project site.
 1. Review the environmental goals of this project with contractors, subcontractors, and waste haulers and make a proactive effort to increase awareness of these goals among all labor forces on site.

1.06 PROJECT CONDITIONS

- A. Buildings to be demolished will be vacated and their use discontinued before start of Work.
- B. Storage or sale of removed items or materials on-site will not be permitted without advance written approval from the State.
- C. The occupied buildings surrounding the proposed demolition site are very sensitive to sound, movements, air borne debris and/or odors. Every effort must be taken to limit the impact on the demolition work on adjacent occupied structures.
- D. The walls to remain along the northern side of the site are not designed as conventional retaining walls. The contractor is responsible for providing temporary shoring of walls to remain until permanent support is provided.
- E. **Note:** The demolition of the buildings shall be conducted in a surgical type manner from the roof down. The use shears, hammers or other suitable mechanical devices using the high reach method will be required. The use of inertia type impact devices such as wrecking balls or equivalent will not be permitted at any point during the demolition work.

PART 2 - PRODUCTS (NOT USED)

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Verify that utilities have been disconnected and capped.

- B. Survey existing conditions and correlate with requirements indicated to determine extent of demolition and recycling required.
- C. Survey condition of the building to determine whether removing any element might result in a structural deficiency or unplanned collapse of any portion of the structure or adjacent structures during demolition.
 - 1. The demolition contractor is **required** to retain the services a licensed Structural Engineer registered in the State of Connecticut to provide analyses, including calculations, necessary to ensure the safe execution of the demolition work. The use of demolition equipment and placement of debris on the floors shall be reviewed by the engineer to ensure that at no time structures or portions of structures become over loaded or unstable. The contractor shall be required to provide temporary shoring as required for safe demolition of the building. Existing structural drawings will be provided by the State; however, it is the responsibility of the Demolition Contractor to field verify existing conditions to ensure the accuracy of the information provided.
- B. Perform surveys as the work progresses to detect hazards resulting from demolition activities.

3.02 PREPARATION

- A. As part of the project scope, the Contractor shall prepare all drawings, documents, and applications and shall obtain all government agency approvals and permits required for demolition activities.
- B. Conduct demolition operations and remove C&D materials to ensure minimum interference with roads, streets, walks, and other adjacent occupied and utilized facilities.
 - 1. Do not close or obstruct streets, walks, or other adjacent occupied or utilized facilities without permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
- C. Conduct demolition operations to prevent injury to people and damage to adjacent buildings and facilities to remain. Ensure safe passage of people around demolition area.
 - 1. Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction.
 - a. Maintain temporary protection to people at exterior areas of the existing building where demolition work is being done.
 - 2. Protect existing site improvements, appurtenances, and landscaping that are designated to remain in place.
- D. Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent movement, settlement, or collapse of buildings to be demolished and adjacent buildings to remain.
 - 1. Strengthen or add new supports when required during progress of demolition.

3.03 EXPLOSIVES

- A. Explosives: Use of explosives will **not** be permitted.

3.04 ENVIRONMENTAL CONTROLS

- A. Comply with federal, state and local regulations pertaining to water, air, solid waste, recycling, chemical waste, sanitary waste, sediment and noise pollution.
- B. Protection of Natural Resources: Preserve the natural resources within the project boundaries or restore to an equivalent condition.
1. Confine demolition activities to areas defined by public roads, easements, and work area limits indicated on the drawings.
 - a. Temporary Construction: Remove indications of temporary construction facilities, such as haul roads, work areas, structures, stockpiles or waste areas.
 2. Water Resources: Comply with applicable regulations concerning the direct or indirect discharge of pollutants to underground and natural surface waters.
 - a. Oily Substances: Prevent oily or other hazardous substances from entering the ground, drainage areas, or local bodies of water in such quantities as to affect normal use, aesthetics, or produce a measurable ecological impact on the area.
 - 1) Store and service construction equipment at areas designated for collection of oil wastes.
 3. Dust Control, Air Pollution, and Odor Control: Prevent creation of dust, air pollution and odors.
 - a. Use temporary enclosures and other appropriate methods to limit dust and dirt rising and scattering in air to lowest practical level.
 - b. Store volatile liquids, including fuels and solvents, in closed containers.
 - c. Properly maintain equipment to reduce gaseous pollutant emissions.
 4. Noise Control: Perform demolition operations to minimize noise.
 - a. Repetitive, high level impact noise will be permitted only between the hours of 7:00 a.m. and 6:00 p. m. Repetitive impact noise on the property shall not exceed the following dB limitations:

<u>Sound Level in dB</u>	<u>Time Duration of Impact Noise</u>
70	More than 12 minutes in any hour
80	More than 3 minutes in any hour
 - b. Provide equipment, sound-deadening devices, and take noise abatement measures that are necessary to comply with the requirements of this Contract.

- c. At least once every five successive working days while work is being performed above 55 dB noise level, measure sound level for noise exposure due to the demolition. Measure sound levels on the 'A' weighing network of a General-Purpose sound level meter at slow response. To minimize the effect of reflective sound waves at buildings, measurements may be taken three to six feet in front of any building face. Submit the recorded information to the State noting any problems and the alternatives before mitigating actions.
5. Existing Building Movements: Contractor shall hire a registered surveyor to perform weekly building movement surveys of adjacent structures surrounding the demolition site. The survey shall be able capable of reading lateral and transverse movements to an accuracy of 0.005 feet. A minimum of 2 targets shall be installed on adjacent buildings except for 75 and 79 Elm Street (3 targets each). Targets shall be measured daily by surveyor. See plans.
6. Existing Building Accelerations: Acceleration measurements at adjacent structures will be taken on a daily basis during the demolition work. These measurements will not be the responsibility of the demolition contractor and will be taken by others. **The threshold limit on building accelerations shall be 0.5 inches/sec.** The demolition work shall be completed in a way to not exceed this threshold limit. If field measurements indicate that this limit is being exceeded in any adjoining structure, the demolition contractor will be notified and the work stopped immediately. The demolition contractor shall revise method(s) of demolition to bring accelerations within acceptable tolerances.
7. Preconstruction Survey: Pre construction surveys of adjacent building structures will be conducted by the owner. Information contained in these surveys will be available to the contractor by request.
8. Salvage, Re-Use, and Recycling Procedures
 - a. Identify re-use, salvage, and recycling facilities.
 - b. Develop and implement procedures to re-use, salvage, and recycle demolition materials, based on the Contract Documents, the Contractor's Waste Management and Recycling Plan, estimated quantities of available materials, and availability of recycling facilities. Procedures may include on-site recycling, source-separated recycling, salvage, and/or mixed debris recycling efforts.
 - c. Identify materials that are feasible for salvage, determine requirements for site storage, and transportation of materials to a salvage facility.
 - d. Source-separate new construction, excavation and demolition materials including, but not limited to the following types:
 - ◆ Asphalt
 - ◆ Concrete, Concrete Block, Concrete Masonry Units (CMU), Slump Stone (Decorative Concrete Block), and Rocks
 - ◆ Asphalt Concrete
 - ◆ Paper: Bond, Newsprint, Cardboard, Paper, Packing Materials, and Packaging

- ◆ Cement Fiber Products: Shingles, Panels, Siding
- ◆ Paint
- ◆ Rigid Foam
- ◆ Glass
- ◆ Plastics
- ◆ Carpet and Carpet Padding
- ◆ Beverage Containers
- ◆ Insulation
- ◆ Gypsum Board
- ◆ Porcelain Plumbing Fixtures
- ◆ Fluorescent Light Tubes: per Department of Toxic Substances Control Regulations
- ◆ Green Materials (i.e. tree trimmings and land clearing debris)
- ◆ Metal (ferrous and non-ferrous)
- ◆ Red Clay Brick
- ◆ Soil
- ◆ Wood, Clean Dimensional Wood, Pallet Wood
- ◆ Sheet Wood: Plywood, Oriented Strand Board (OSB), Particle Board
- ◆ Other materials as appropriate

- e. Develop and implement a program to transport loads of mixed (commingled) demolition materials that cannot be feasibly source separated to a mixed materials recycling facility [whenever available].

9. DISPOSAL PRACTICES AND WASTE HAULING

- a. Legally transport and dispose of materials that cannot be delivered to a source-separated or mixed recycling facility to a transfer station or disposal facility that can legally accept the materials for the purpose of disposal.
- b. Use a permitted waste hauler or Contractor's trucking services and personnel. To confirm valid permitted status of waste haulers
- c. Become familiar with the conditions for acceptance of new construction, excavation and demolition materials at recycling facilities, prior to delivering materials.
- d. Deliver to facilities that can legally accept new construction, excavation and demolition materials for purpose of re-use, recycling, composting, or disposal.
- e. Do not burn, bury or otherwise dispose of rubbish and waste materials on project site.

10. REVENUE

- a. Revenues or other savings obtained from recycled, re-used, or salvaged materials shall accrue to Contractor unless otherwise noted in the Contract Documents.
- b. Remove and transport C&D materials in a manner that will prevent spillage on adjacent surfaces, streets, and areas or dust being emitted into the atmosphere.

- c. Clean adjacent streets of dust, dirt, and C&D materials caused by demolition operations. At the end of each work day, return adjacent areas to condition existing before start of demolition.

3.05 DEMOLITION

- A. Building Demolition: Demolish buildings completely and remove from the site. Use methods required to complete Work within limitations of governing regulations and as follows:
 1. Locate demolition equipment throughout the building and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
 2. Demolish concrete and masonry in sizes that will be suitable for acceptance at recycling or disposal facilities.
 3. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.
 4. Break up and remove concrete slabs on grade in small sizes, suitable for acceptance at recycling or disposal facilities, unless otherwise shown to remain.
 5. Remove all disconnected, abandoned utilities on site.
- B. Below-Grade Construction: Demolish foundation walls and other below-grade construction, as follows:
 1. With the exception of portions of the north foundation wall to remain, completely remove below-grade construction, including foundation walls and footings to a minimum depth of **2 feet below final grades**. Coordinate grading with site drawings. Pile caps and piles are to remain. All existing masonry walls are to be completely removed. The basement slab of the original 1960's wing is to remain. See 3 below.
 2. Break up and completely remove at grade concrete slabs, in small sizes, suitable for acceptance at recycling or disposal facilities.
 3. Below-Grade Areas: Completely fill below-grade areas and voids resulting from building demolition operations to street level with satisfactory soil materials. Prior to the placement of materials within the basement of the original 1960's wing, the contractor shall core a series of holes, minimum 4 inches in diameter at 10 feet o.c. both ways over the entire footprint of the basement.
- C. Existing North Foundation Walls: Portions of the existing foundation walls along the north side of the building that are to remain were **not** originally designed as conventional retaining walls and shall not be backfilled until appropriate measures have been undertaken. The following details apply to these walls:
 1. The contractor shall be aware that temporary lateral shoring of the north walls to remain is required prior to the construction of permanent lateral support and backfilling. Coordinate locations with the Contract Documents.

2. For bidding purposes, details have been provided for permanent lateral support of these walls in the Construction Documents. The contractor is responsible for engaging the services of a Registered Structural Engineer to review the existing building and soil conditions and shall design and detail the proposed temporary lateral support, concrete facing, tiebacks, and proposed method of permanent lateral support. The proposed design and computations shall be submitted for review and approval. See Freeman memo letter dated 6/15/17 for additional information.

D. Damages: Promptly repair damages to adjacent facilities caused by demolition operations.

3.06 HANDLING OF DEMOLISHED MATERIALS


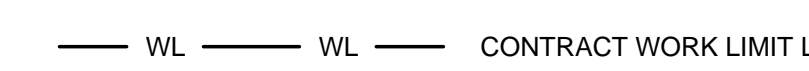
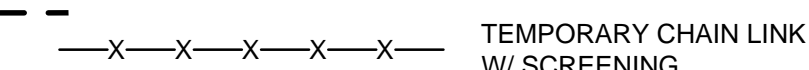


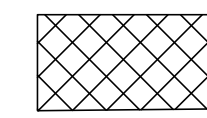

- A. General: Promptly re-use, salvage, recycle, or dispose of demolished materials. Do not allow demolished materials to accumulate or be stored on-site for more than **10** days.
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally reuse, salvage, recycle, or dispose of materials.

END OF SECTION 02 41 19

SITE LOGISTICS PLAN

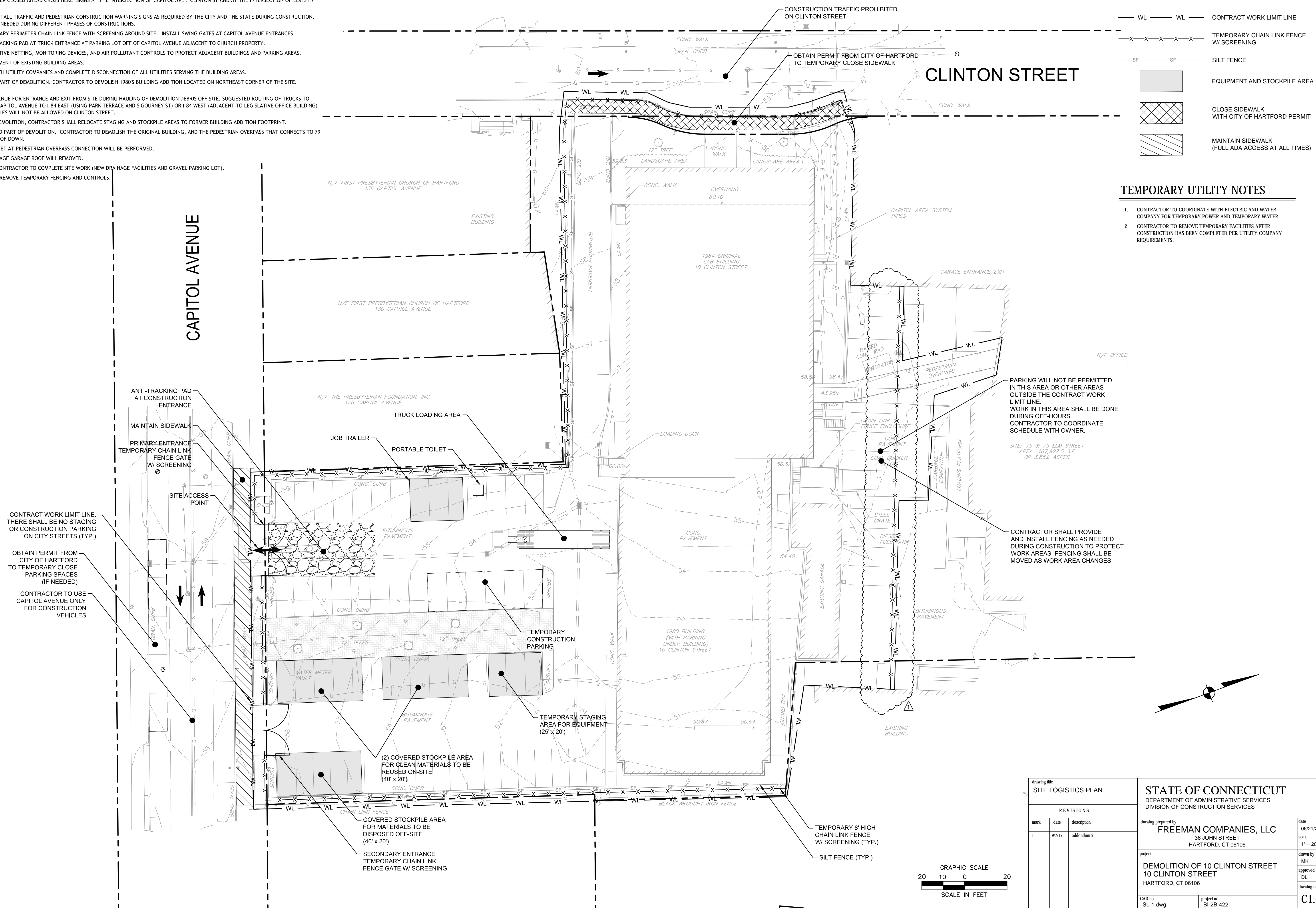
- CONTRACTOR TO OBTAIN NECESSARY CITY AND STATE PERMITS.
- CONTRACTOR TO OBLIGE TO THE CITY OF HARTFORD NOISE ORDINANCES.
- CONTRACTOR TO INSTALL "SIDEWALK CLOSED AHEAD CROSS HERE" SIGNS AT THE INTERSECTION OF CAPITOL AVE / CLINTON ST AND AT THE INTERSECTION OF ELM ST / CLINTON ST.
- CONTRACTOR TO PROVIDE AND INSTALL TRAFFIC AND PEDESTRIAN CONSTRUCTION WARNING SIGNS AS REQUIRED BY THE CITY AND THE STATE DURING CONSTRUCTION. THE SIGNS SHALL BE ADJUSTED AS NEEDED DURING DIFFERENT PHASES OF CONSTRUCTIONS.
- CONTRACTOR TO INSTALL TEMPORARY PERIMETER CHAIN LINK FENCE WITH SCREENING AROUND SITE. INSTALL SWING GATES AT CAPITOL AVENUE ENTRANCES.
- CONTRACTOR TO INSTALL ANTI-TRACKING PAD AT TRUCK ENTRANCE AT PARKING LOT OFF OF CAPITOL AVENUE ADJACENT TO CHURCH PROPERTY.
- CONTRACTOR TO INSTALL PROTECTIVE NETTING, MONITORING DEVICES, AND AIR POLLUTANT CONTROLS TO PROTECT ADJACENT BUILDINGS AND PARKING AREAS.
- CONTRACTOR TO PERFORM ABATEMENT OF EXISTING BUILDING AREAS.
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES AND COMPLETE DISCONNECTION OF ALL UTILITIES SERVING THE BUILDING AREAS.
- CONTRACTOR TO PERFORM FIRST PART OF DEMOLITION. CONTRACTOR TO DEMOLISH 1980S BUILDING ADDITION LOCATED ON NORTHEAST CORNER OF THE SITE. DISMANTLE FROM ROOF DOWN.
- CONTRACTOR TO USE CAPITOL AVENUE FOR ENTRANCE AND EXIT FROM SITE DURING HAULING OF DEMOLITION DEBRIS OFF SITE. SUGGESTED ROUTING OF TRUCKS TO HIGHWAY IS TRAVELING EAST ON CAPITOL AVENUE TO I-84 EAST (USING PARK TERRACE AND SIGOURNEY ST) OR I-84 WEST (ADJACENT TO LEGISLATIVE OFFICE BUILDING) ON RAMPS. CONSTRUCTION VEHICLES WILL NOT BE ALLOWED ON CLINTON STREET.
- FOLLOWING BUILDING ADDITION DEMOLITION, CONTRACTOR SHALL RELOCATE STAGING AND STOCKPILE AREAS TO FORMER BUILDING ADDITION FOOTPRINT.
- CONTRACTOR TO PERFORM SECOND PART OF DEMOLITION. CONTRACTOR TO DEMOLISH THE ORIGINAL BUILDING, AND THE PEDESTRIAN OVERPASS THAT CONNECTS TO 79 ELM STREET. DISMANTLE FROM ROOF DOWN.
- EXTERIOR REPAIRS TO 79 ELM STREET AT PEDESTRIAN OVERPASS CONNECTION WILL BE PERFORMED.
- MECHANICAL EQUIPMENT ON STORAGE GARAGE ROOF WILL REMOVED.
- FOLLOWING DEMOLITION WORK, CONTRACTOR TO COMPLETE SITE WORK (NEW DRAINAGE FACILITIES AND GRAVEL PARKING LOT).
- CONTRACTOR TO CLEAN SITE AND REMOVE TEMPORARY FENCING AND CONTROLS.

LEGEND

-  PROPERTY LINE
-  CONTRACT WORK LIMIT LINE
-  TEMPORARY CHAIN LINK FENCE W/ SCREENING
-  SILT FENCE
-  EQUIPMENT AND STOCKPILE AREA
-  CLOSE SIDEWALK WITH CITY OF HARTFORD PERMIT
-  MAINTAIN SIDEWALK (FULL ADA ACCESS AT ALL TIMES)

TEMPORARY UTILITY NOTES

- CONTRACTOR TO COORDINATE WITH ELECTRIC AND WATER COMPANY FOR TEMPORARY POWER AND TEMPORARY WATER.
- CONTRACTOR TO REMOVE TEMPORARY FACILITIES AFTER CONSTRUCTION HAS BEEN COMPLETED PER UTILITY COMPANY REQUIREMENTS.



PARKING WILL NOT BE PERMITTED IN THIS AREA OR OTHER AREAS OUTSIDE THE CONTRACT WORK LIMIT LINE. WORK IN THIS AREA SHALL BE DONE DURING OFF-HOURS. CONTRACTOR TO COORDINATE SCHEDULE WITH OWNER.

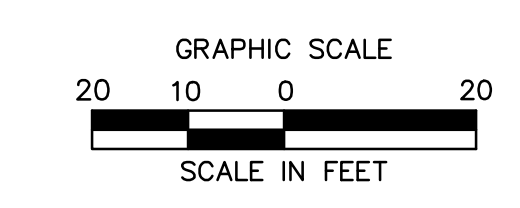
SITE: 75 & 79 ELM STREET
 AREA: 167,927.5 S.F.
 OR 3.85± ACRES

CONTRACTOR SHALL PROVIDE AND INSTALL FENCING AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS. FENCING SHALL BE MOVED AS WORK AREA CHANGES.

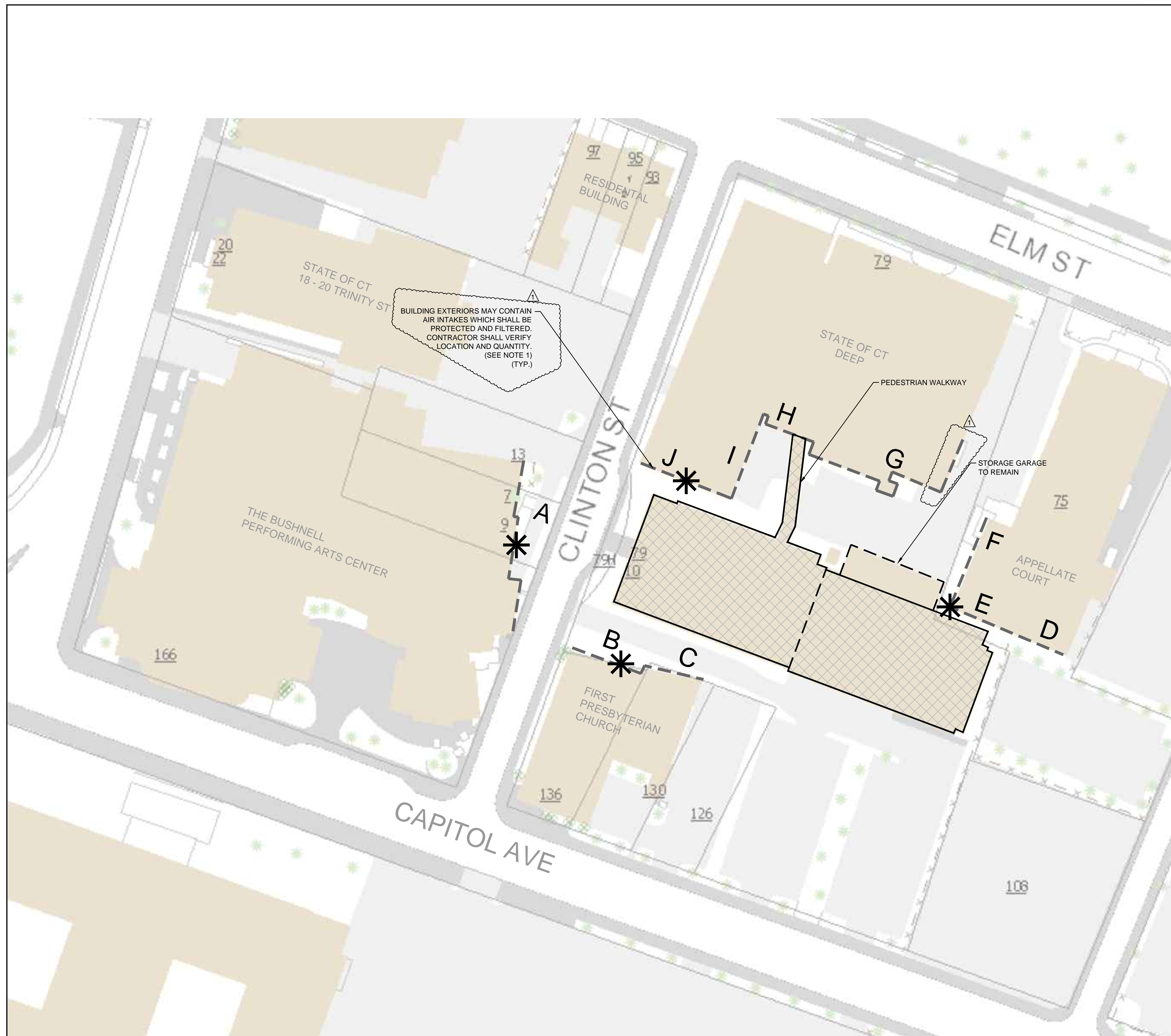
CONTRACT WORK LIMIT LINE. THERE SHALL BE NO STAGING OR CONSTRUCTION PARKING ON CITY STREETS (TYP.)

OBTAIN PERMIT FROM CITY OF HARTFORD TO TEMPORARILY CLOSE PARKING SPACES (IF NEEDED)




CONTRACTOR TO USE CAPITOL AVENUE ONLY FOR CONSTRUCTION VEHICLES



drawing title			STATE OF CONNECTICUT	
SITE LOGISTICS PLAN			DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES	
REVISIONS				
mark	date	description	drawing prepared by	date
1	9/7/17	addendum 2	FREEMAN COMPANIES, LLC 36 JOHN STREET HARTFORD, CT 06106	06/21/2017 scale: 1" = 20'
project			drawn by	
DEMOLITION OF 10 CLINTON STREET HARTFORD, CT 06106			approved by	
CAD no. SL-1.dwg			project no. BI-2B-422	drawing no. C1.01

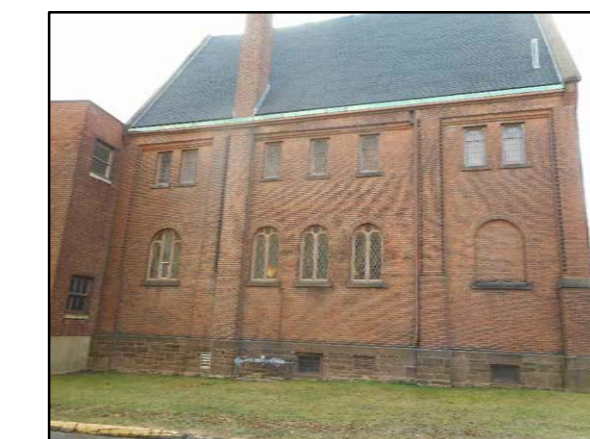


LEGEND

-  BUILDING TO BE DEMOLISHED
-  SURFACE & AIR INTAKES TO BE PROTECTED BY CONTRACTOR
-  VIBRATION MONITORING POINT BY ENGINEER



A BUSHNELL EXTERIOR



B CHURCH EXTERIOR



C CHURCH EXTERIOR



D COURT EXTERIOR



E COURT EXTERIOR



F COURT EXTERIOR



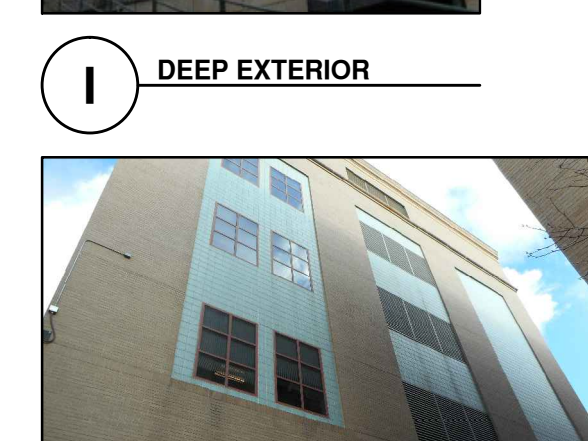
G DEEP EXTERIOR



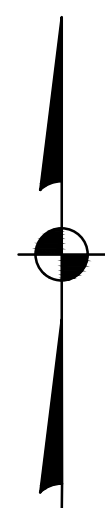
H DEEP EXTERIOR



I DEEP EXTERIOR

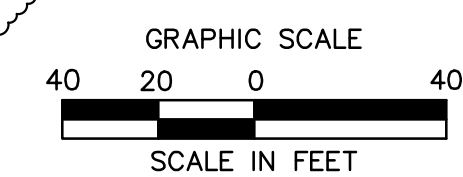


J DEEP EXTERIOR



NOTES

1. PRE-FILTERS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR ON ALL EXTERIOR INTAKES USING ANY METHODS, EXCLUDING DRILLING HOLES INTO THE BUILDING OR THE USE OF ADHESIVE SPRAY. TO PREVENT FUMES FROM ENTERING THE PROTECTED BUILDING, FILTER MUST BE AT LEAST 3/4" THICK, MADE OF FIBERGLASS OR SIMILAR MATERIAL AND HAVE A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 5 OR GREATER. PRE FILTER INSTALLATION PLAN SHALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL.



drawing title: ADJACENT BUILDING PROTECTION PLAN			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES		
REVISIONS			drawing prepared by: FREEMAN COMPANIES, LLC 36 JOHN STREET HARTFORD, CT 06106		
mark	date	description	date	scale	drawn by
1	9/7/17	addendum 2	06/21/2017	1" = 40'	MK
			project	approved by	drawing no.
			DEMOLITION OF 10 CLINTON STREET HARTFORD, CT 06106	DL	C2.01
CAD no. VM-1.dwg			project no. BI-2B-422		

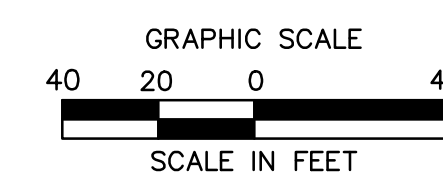
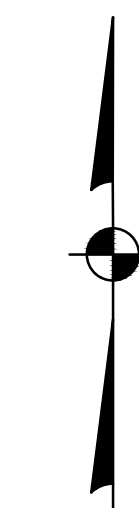
LEGEND



BUILDING TO BE MONITORED BY CONTRACTOR

MONITORING NOTES

1. CONTRACTOR TO INSTALL TARGET LOCATIONS AS APPROVED BY THE ENGINEER (MINIMUM OF 4 BUILDINGS) FOR MONITORING OF POTENTIAL ADJACENT BUILDING MOVEMENTS. INCLUDE THE FOLLOWING:
 - A MINIMUM OF 2 TARGETS ON THE EXTERIOR OF BUSHNELL BUILDING.
 - A MINIMUM OF 2 TARGETS ON THE EXTERIOR OF CHURCH BUILDING.
 - A MINIMUM OF 3 TARGETS ON THE EXTERIOR OF 75 ELM ST BUILDING.
 - A MINIMUM OF 3 TARGETS ON THE EXTERIOR OF 79 ELM ST BUILDING.
2. CONTRACTOR TO HIRE SURVEYOR TO PROVIDE DAILY READINGS OF TARGET LOCATIONS TO ENGINEER FOR REVIEW AND APPROVAL.
3. TARGET LOCATION AND MATERIALS TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE INSTALLATION. REFER TO BUILDING DEMO SPEC FOR REQUIREMENTS.

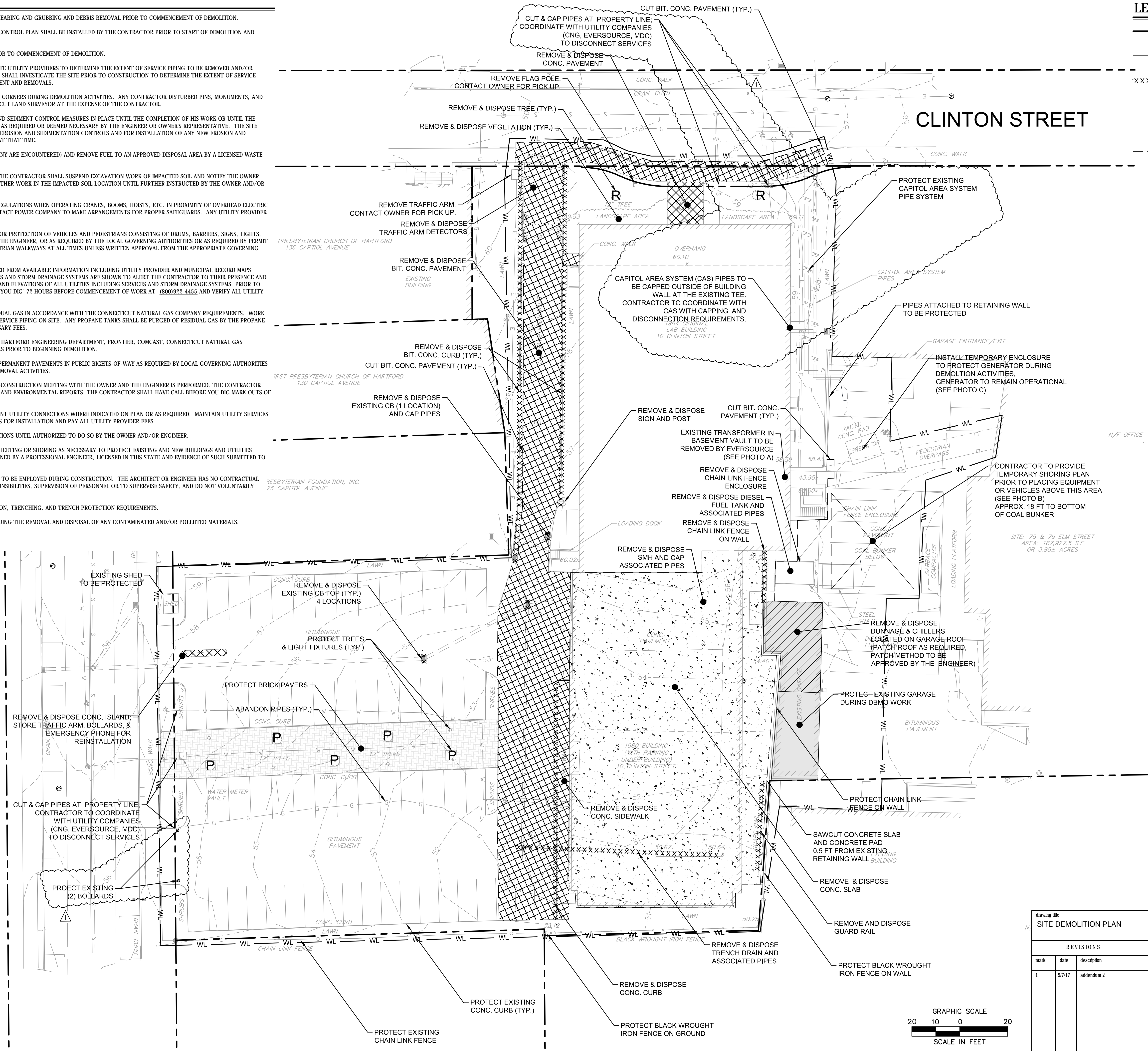


drawing title ADJACENT BUILDING OBSERVATION PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES	
REVISIONS			
mark	date	description	
1	9/7/17	addendum 2	
drawing prepared by FREEMAN COMPANIES, LLC 36 JOHN STREET HARTFORD, CT 06106		date 08/21/2017	scale 1" = 40'
project DEMOLITION OF 10 CLINTON STREET 10 CLINTON STREET HARTFORD, CT 06106		drawn by MK	approved by DL
CAD no. VM-2.dwg	project no. BI-2B-422	drawing no. C2.02	

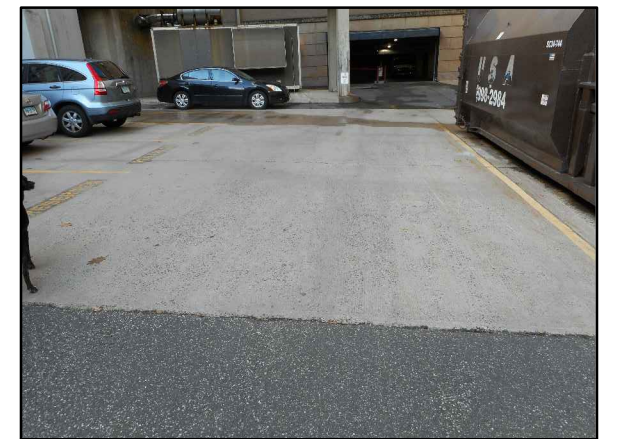
DEMOLITION NOTES

1. THE CONTRACTOR SHALL SECURE ANY PERMITS, PAY ALL FEES, AND PERFORM CLEARING AND GRUBBING AND DEBRIS REMOVAL PRIOR TO COMMENCEMENT OF DEMOLITION.
2. SEDIMENT AND EROSION CONTROLS AS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO START OF DEMOLITION AND CLEARING AND GRUBBING OPERATIONS.
3. THE CONTRACTOR SHALL PREPARE ALL MANIFEST DOCUMENTS AS REQUIRED PRIOR TO COMMENCEMENT OF DEMOLITION.
4. THE CONTRACTOR SHALL CUT AND PLUG OR COORDINATE WITH THE APPROPRIATE UTILITY PROVIDERS TO DETERMINE THE EXTENT OF SERVICE PIPING TO BE REMOVED AND/OR ABANDONED. ALL SERVICES MAY NOT BE SHOWN ON THIS PLAN. THE CONTRACTOR SHALL INVESTIGATE THE SITE PRIOR TO CONSTRUCTION TO DETERMINE THE EXTENT OF SERVICE PIPING. THE CONTRACTOR SHALL PAY ALL UTILITY PROVIDER FEES FOR ABANDONMENT AND REMOVALS.
5. THE CONTRACTOR SHALL PROTECT ALL IRON PINS, MONUMENTS, AND PROPERTY CORNERS DURING DEMOLITION ACTIVITIES. ANY CONTRACTOR DISTURBED PINS, MONUMENTS, AND OR PROPERTY CORNERS, ETC. SHALL BE RESET BY A LICENSED STATE OF CONNECTICUT LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
6. THE DEMOLITION CONTRACTOR SHALL STABILIZE THE SITE AND KEEP EROSION AND SEDIMENT CONTROL MEASURES IN PLACE UNTIL THE COMPLETION OF HIS WORK OR UNTIL THE COMMENCEMENT OF WORK BY THE SITE CONTRACTOR, WHICHEVER OCCURS FIRST, AS REQUIRED OR DEEMED NECESSARY BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THE SITE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE MAINTENANCE OF EXISTING EROSION AND SEDIMENTATION CONTROLS AND FOR INSTALLATION OF ANY NEW EROSION AND SEDIMENTATION CONTROLS, AS PER THE SEDIMENT AND EROSION CONTROL PLAN, AT THAT TIME.
7. THE CONTRACTOR SHALL PUMP OUT BUILDING FUEL AND WASTE OIL TANKS (IF ANY ARE ENCOUNTERED) AND REMOVE FUEL TO AN APPROVED DISPOSAL AREA BY A LICENSED WASTE OIL HANDLING CONTRACTOR IN STRICT ACCORDANCE WITH STATE REQUIREMENTS.
8. IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
9. THE CONTRACTOR SHALL ADHERE TO ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN PROXIMITY OF OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY PROVIDER FEES SHALL BE PAID BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES AND UNIFORMED TRAFFICMEN/OFFICERS AS REQUIRED OR AS ORDERED BY THE ENGINEER, OR AS REQUIRED BY THE LOCAL GOVERNING AUTHORITIES OR AS REQUIRED BY PERMIT STIPULATIONS. THE CONTRACTOR SHALL MAINTAIN ALL TRAFFIC LANES AND PEDESTRIAN WALKWAYS AT ALL TIMES UNLESS WRITTEN APPROVAL FROM THE APPROPRIATE GOVERNING AGENCY IS GRANTED.
11. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES INCLUDING SERVICES AND STORM DRAINAGE SYSTEMS. PRIOR TO DEMOLITION OR CONSTRUCTION THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT (800)922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
12. DOMESTIC GAS SERVICE SHALL BE CAPPED AND SERVICE LINES PURGED OF RESIDUAL GAS IN ACCORDANCE WITH THE CONNECTICUT NATURAL GAS COMPANY REQUIREMENTS. WORK TO BE COORDINATED BY AND PAID FOR BY THE CONTRACTOR. REMOVE EXISTING SERVICE PIPING ON SITE. ANY PROPANE TANKS SHALL BE PURGED OF RESIDUAL GAS BY THE PROPANE SUPPLIER. THE CONTRACTOR SHALL COORDINATE THIS WORK AND PAY ALL NECESSARY FEES.
13. THE CONTRACTOR SHALL PROVIDE DISCONNECT NOTIFICATION TO THE CITY OF HARTFORD ENGINEERING DEPARTMENT, FRONTIER, COMCAST, CONNECTICUT NATURAL GAS COMPANY, EVERSOURCE, AND THE METROPOLITAN DISTRICT AT LEAST THREE WEEKS PRIOR TO BEGINNING DEMOLITION.
14. THE CONTRACTOR SHALL REPAIR PAVEMENTS BY INSTALLING TEMPORARY AND PERMANENT PAVEMENTS IN PUBLIC RIGHTS-OF-WAY AS REQUIRED BY LOCAL GOVERNING AUTHORITIES AND THE STATE AND PER PERMIT REQUIREMENTS DUE TO DEMOLITION AND PIPE REMOVAL ACTIVITIES.
15. NO WORK ON THIS SITE SHALL BE INITIATED BY THE CONTRACTOR UNTIL A PRE-CONSTRUCTION MEETING WITH THE OWNER AND THE ENGINEER IS PERFORMED. THE CONTRACTOR SHOULD BE AWARE OF ANY SITE INFORMATION AVAILABLE SUCH AS GEOTECHNICAL AND ENVIRONMENTAL REPORTS. THE CONTRACTOR SHALL HAVE CALL BEFORE YOU DIG MARK OUTS OF EXISTING UTILITIES COMPLETED PRIOR TO THE PRE-CONSTRUCTION MEETING.
16. THE CONTRACTOR SHALL ARRANGE FOR AND INSTALL TEMPORARY OR PERMANENT UTILITY CONNECTIONS WHERE INDICATED ON PLAN OR AS REQUIRED. MAINTAIN UTILITY SERVICES TO BUILDINGS TO REMAIN. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDERS FOR INSTALLATION AND PAY ALL UTILITY PROVIDER FEES.
17. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION OR UTILITY DISCONNECTIONS UNTIL AUTHORIZED TO DO SO BY THE OWNER AND/OR ENGINEER.
18. THE CONTRACTOR OR DEMOLITION CONTRACTOR SHALL INSTALL TEMPORARY SHEETING OR SHORING AS NECESSARY TO PROTECT EXISTING AND NEW BUILDINGS AND UTILITIES DURING CONSTRUCTION AND DEMOLITION. SHEETING OR SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER, LICENSED IN THIS STATE AND EVIDENCE OF SUCH SUBMITTED TO THE OWNER PRIOR TO INSTALLATION.
19. THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT OR ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOBSITE RESPONSIBILITIES, SUPERVISION OF PERSONNEL, OR TO SUPERVISE SAFETY, AND DO NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
20. THE CONTRACTOR SHALL COMPLY WITH OSHA CFR29 PART 1926 FOR EXCAVATION, TRENCHING, AND TRENCH PROTECTION REQUIREMENTS.
21. REFER TO ENVIRONMENTAL REPORTS AND SPECIFICATIONS FOR DETAILS REGARDING THE REMOVAL AND DISPOSAL OF ANY CONTAMINATED AND/OR POLLUTED MATERIALS.
22. CONTRACTOR TO OBLIGE TO THE CITY OF HARTFORD NOISE ORDINANCES.

LEGEND	
---	PROPERTY LINE
— WL — WL —	CONTRACT WORK LIMIT LINE
XXXXXXXXXXXXXXXXXX	STRUCTURE TO BE REMOVED
P	PROTECT TREE
R	REMOVE TREE
---	CUT CONC. OR BIT. CONC. PAVEMENT
XXXXXX	REMOVE & DISPOSE CONC. OR BIT. CONC. PAVEMENT
XXXXXX	REMOVE & DISPOSE EXISTING STRUCTURE
XXXXXX	TEMPORARY SHORING



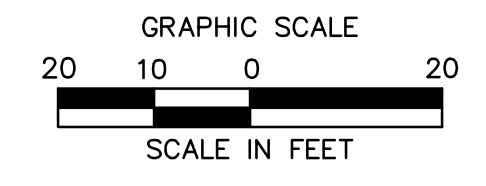
A TRANSFORMER ENTRANCE



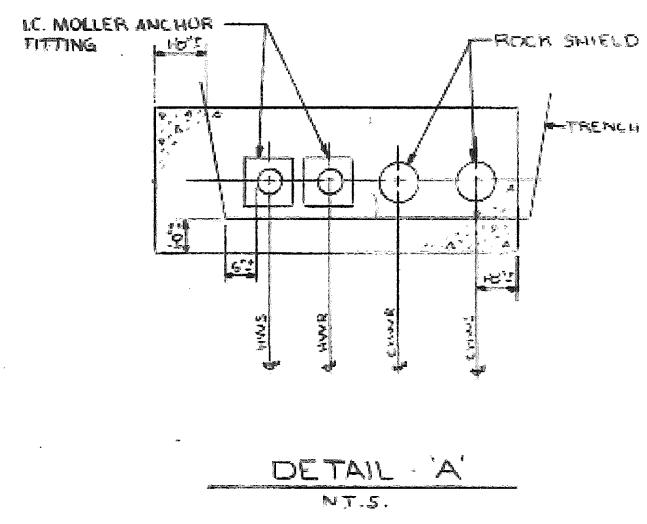
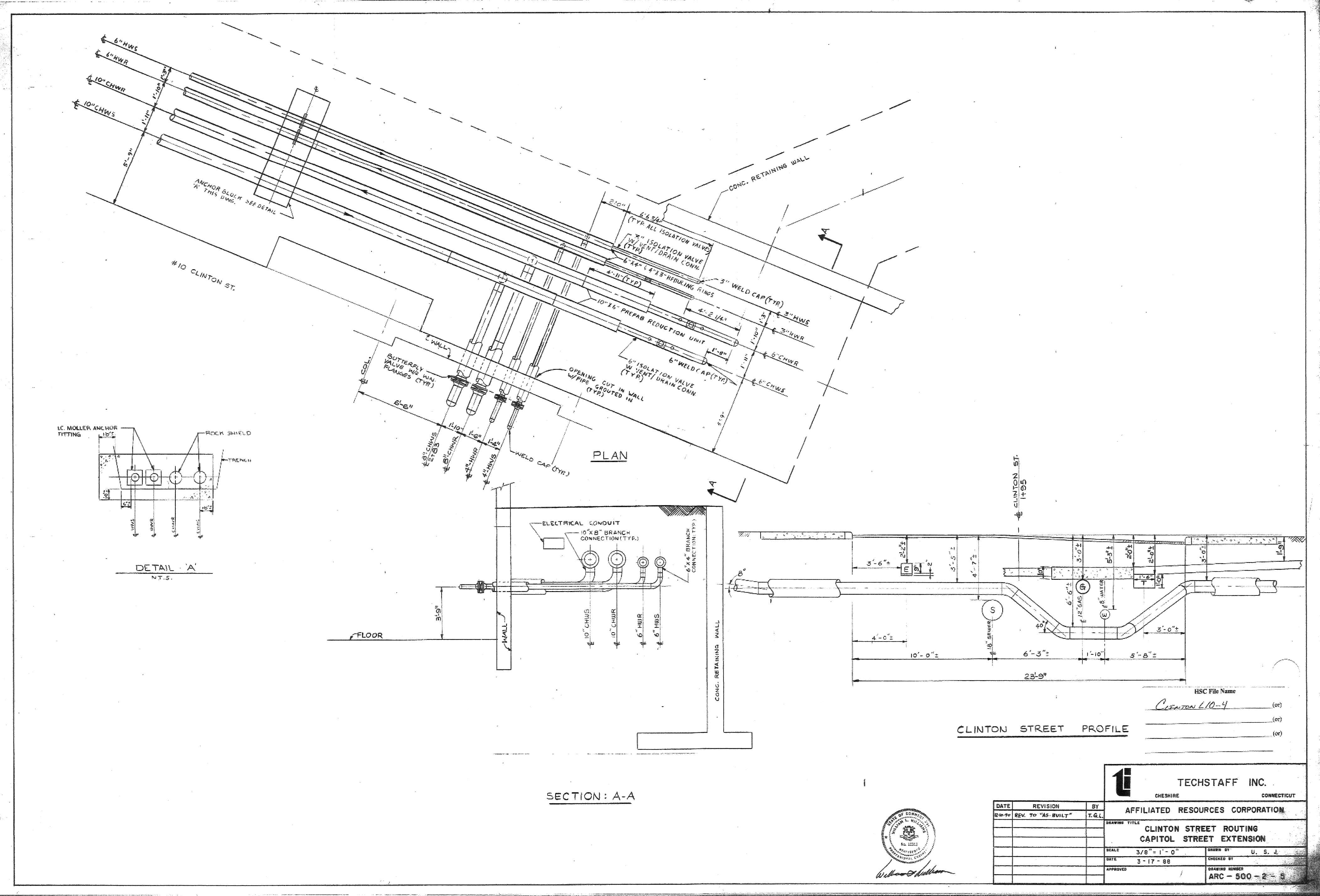
B COAL BUNKER



C EXTERIOR GENERATOR



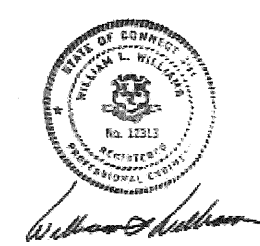
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SITE DEMOLITION PLAN			DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES	
REVISIONS				
mark	date	description		
1	9/7/17	addendum 2		
drawing prepared by			date	
FREEMAN COMPANIES, LLC			06/21/2017	
36 JOHN STREET HARTFORD, CT 06106			scale: 1" = 20'	
project			drawn by	
DEMOLITION OF 10 CLINTON STREET 10 CLINTON STREET HARTFORD, CT 06106			MK	
approved by			DL	
drawing no.			C3.01	
CAD no. DM-1.dwg		project no. BI-2B-422		



HSC File Name
 CLINTON L10-4 (01)
 (02)
 (03)

CLINTON STREET PROFILE

SECTION: A-A



DATE	REVISION	BY	T.G.L.
12-10-79	REV. TO "AS-BUILT"		

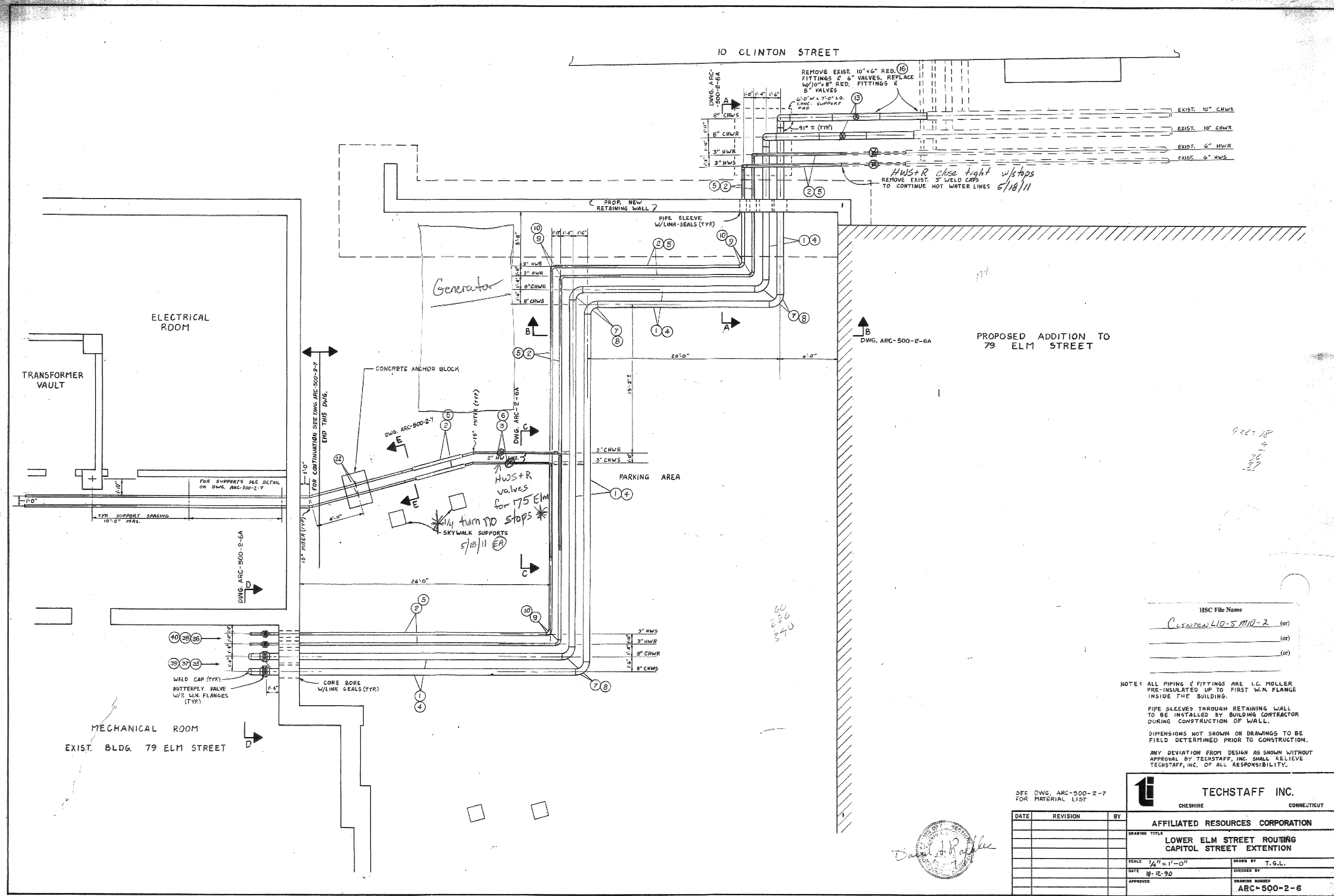
TECHSTAFF INC.
 CHESHIRE CONNECTICUT

AFFILIATED RESOURCES CORPORATION

DRAWING TITLE
**CLINTON STREET ROUTING
 CAPITOL STREET EXTENSION**

SCALE 3/8" = 1'-0"
 DATE 3-17-88
 APPROVED

DRAWN BY U. S. J.
 CHECKED BY
 DRAWING NUMBER
 ARC-500-2-3



10 CLINTON STREET

PROPOSED ADDITION TO
79 ELM STREET

ELECTRICAL ROOM

TRANSFORMER VAULT

Generator

PARKING AREA

MECHANICAL ROOM
EXIST. BLDG. 79 ELM STREET

REMOVE EXIST. 10" x 6" RED. (6)
FITTINGS & 6" VALVES. REPLACE
w/10" x 8" RED. FITTINGS &
B" VALVES
6" x 7" x 10" x 10" x 10"
COND. SUPPORT
9" = (TYP)
HWS+R close tight w/stops
REMOVE EXIST. 3" WELD CAPS
TO CONTINUE HOT WATER LINES
5/18/11

FOR CONTINUATION SEE DWG. ARC-500-2-7
END THIS DRAW.

FOR SUPPORTS SEE DETAIL
ON DWG. ARC-500-2-7

HWS+R valves
for 175 ELM
1/4 turn 90 stops
5/18/11 EA

HSC File Name
CLINTON 110-S M10-2 (or)
(or)
(or)

NOTE: ALL PIPING & FITTINGS ARE I.C. MOLLER
PRE-INSULATED UP TO FIRST W.N. FLANGE
INSIDE THE BUILDING.

PIPE SLEEVES THROUGH RETAINING WALL
TO BE INSTALLED BY BUILDING CONTRACTOR
DURING CONSTRUCTION OF WALL.

DIMENSIONS NOT SHOWN ON DRAWINGS TO BE
FIELD DETERMINED PRIOR TO CONSTRUCTION.

ANY DEVIATION FROM DESIGN AS SHOWN WITHOUT
APPROVAL BY TECHSTAFF, INC. SHALL RELIEVE
TECHSTAFF, INC. OF ALL RESPONSIBILITY.

SEE DWG. ARC-500-2-7
FOR MATERIAL LIST

		TECHSTAFF INC. CHESTER CONNECTICUT	
		AFFILIATED RESOURCES CORPORATION	
DRAWING TITLE LOWER ELM STREET ROUTING CAPITOL STREET EXTENSION			
SCALE 1/4" = 1'-0"		DRAWN BY T.G.L.	
DATE 10-12-90		CHECKED BY	
APPROVED		DRAWING NUMBER ARC-500-2-6	



9-12-18
14
26
27

2200
3240