

BID DOCUMENTS CANAL STREET PARKING LOT Montague, Massachusetts April 27, 2016

Prepared for:

Town of Montague
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Turners Falls, Massachusetts 01376

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Town Planner



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Prepared by:



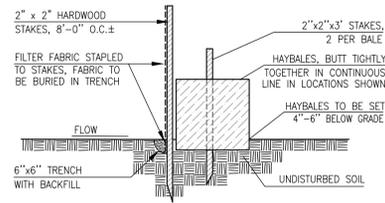
Landscape Architecture
Civil Engineering
Planning
Urban Design
Environmental Design

4 Allen Place, Northampton, Massachusetts 01060
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Funded By:

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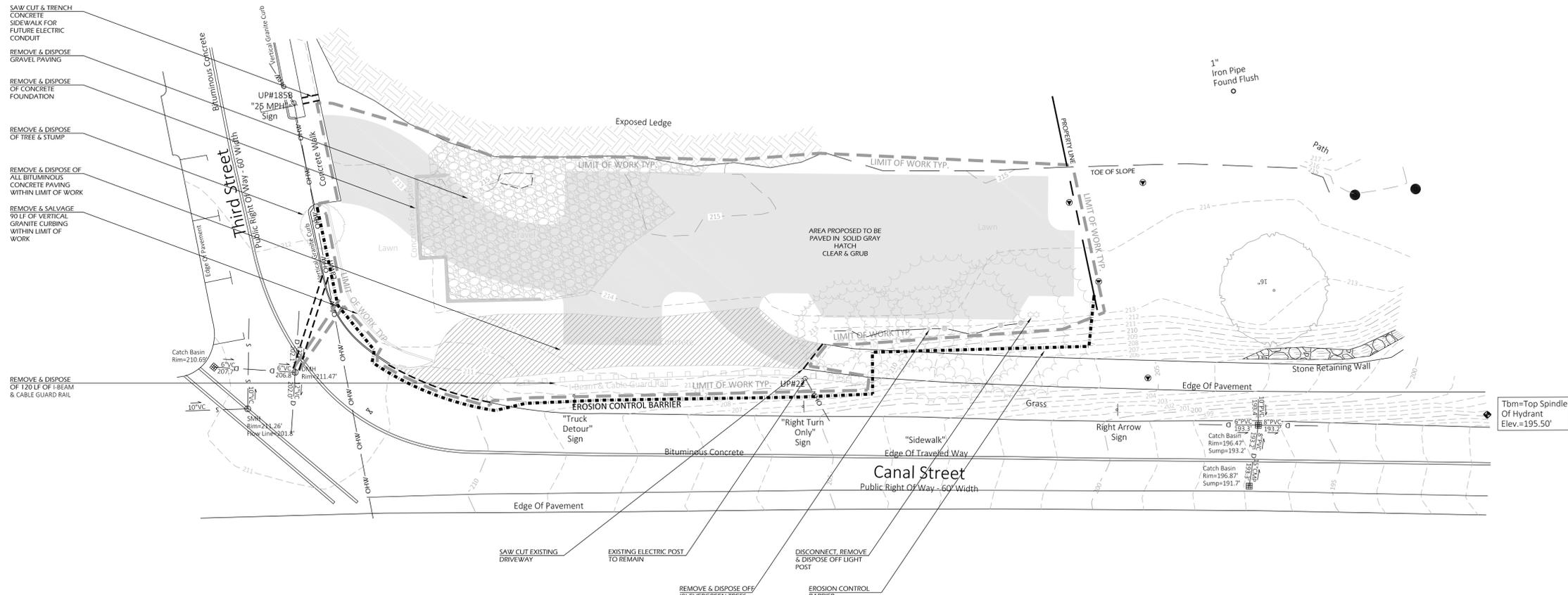
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NOTE: SILT FENCE TO BE ERECTED WITHIN THE LIMITS OF THE SILTATION AREA ADJACENT TO THE HAYBALES

1 Erosion Control Barrier

L1 Not to Scale



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CANAL STREET PARKING LOT



Existing Conditions & Demolition Plan

BID PLANS

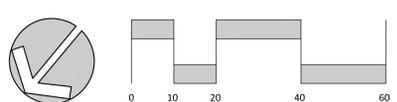
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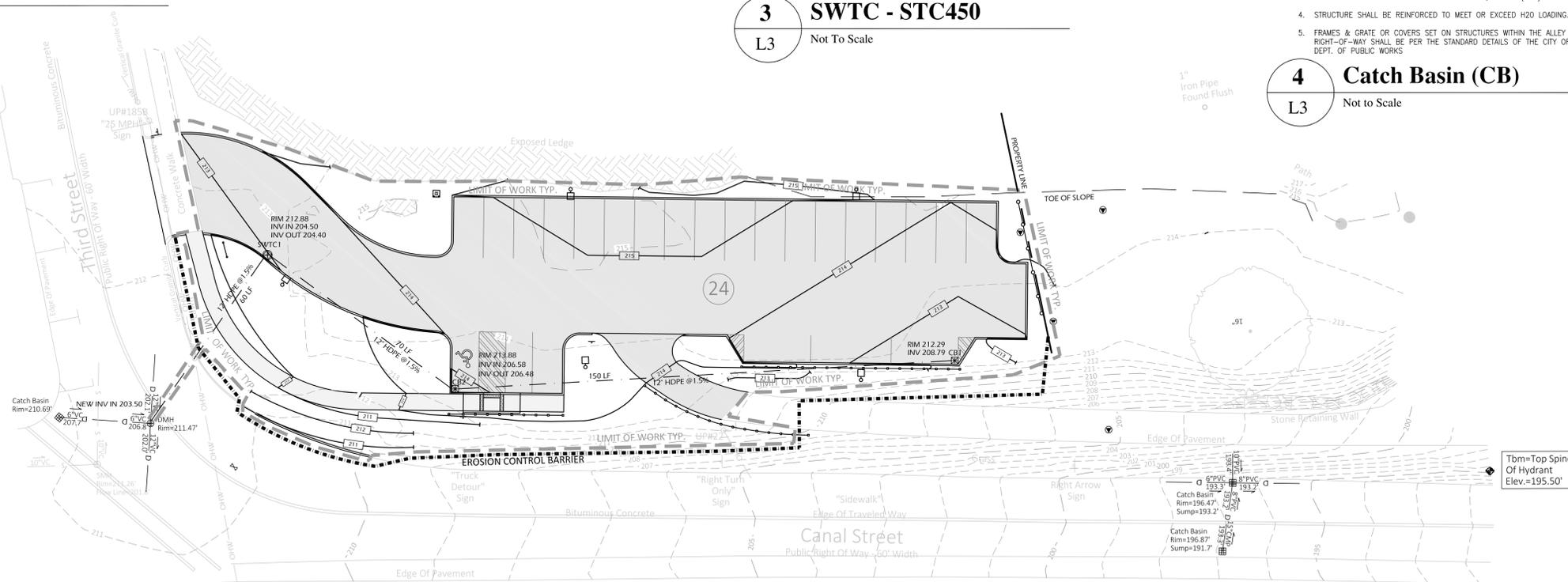
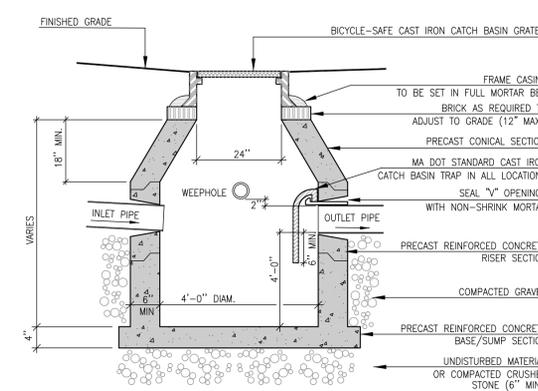
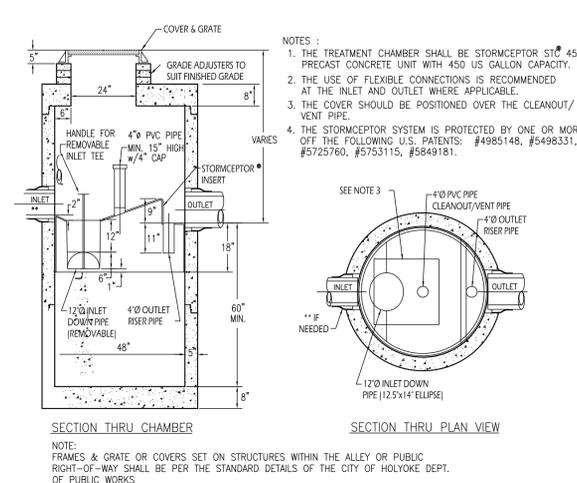
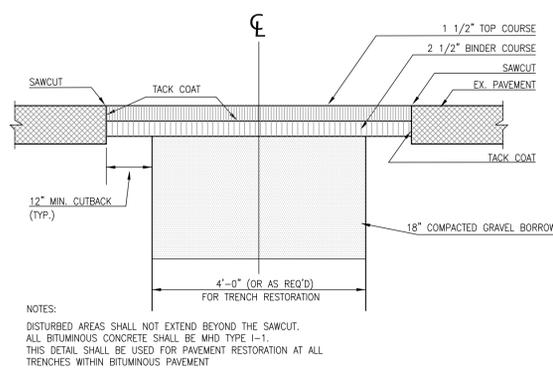
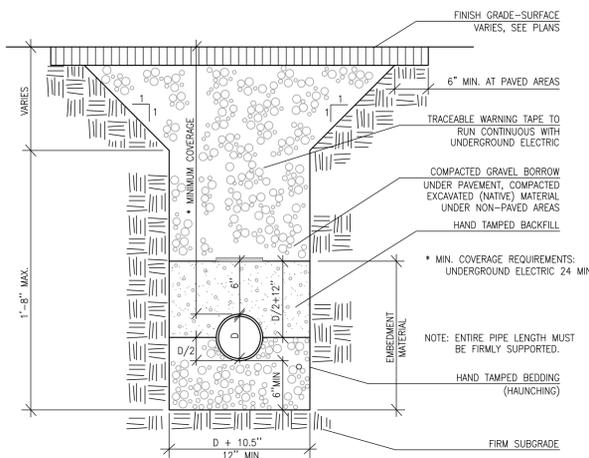
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- ### Erosion Control Notes
- Erosion control measures shall be incorporated in the sequence of construction to prevent sediment-laden runoff from leaving the site, and shall, where applicable, consist of at least the following procedures:
 - A siltation fence along downslope site boundaries prior to commencing any other work. Fence material shall be Mirafi 140N, Trevira 1127, or approved equal.
 - Temporary barrier of haybales around catch basins and drain inlets to prevent sediment-laden runoff from entering drainage system.
 - New or regraded slopes of 3:1 or greater shall receive spread straw and/or seed and fertilizer as per plans. New or regraded slopes of 2:1 or greater shall be blanketed with Curlex erosion control matting, or approved equal; provide temporary slope erosion control where required.
 - Fill and grading shall be treated with slope stabilization seeding or ground cover and hay mulch upon completion.
 - All haybale and silt fence erosion and sedimentation checks shall be placed prior to beginning work as per the plan and as per the appropriate detail specification.
 - Wherever haybale or silt fence filters are used, they shall be maintained in good working condition until ground cover is reestablished. Silt fence shall be periodically cleaned as necessary to assure proper and effective functioning. Haybales shall also be replaced as necessary, to provide adequate function.
 - Natural vegetation shall be retained wherever feasible up to the scheduled start of construction activity in the area. Where possible, clearing shall immediately precede construction activity.
 - Soil stockpiles shall be shaped and seeded with temporary cover as per seeding specifications or mulched if grading is to be delayed over winter. The downhill toe-of-slope of all stockpiled soils shall be protected by staked haybales or silt fence.
 - If any questions arise regarding erosion and sedimentation control measures, the Project Landscape Architect shall be consulted immediately.

- ### Demolition Notes
- Existing conditions and topography taken from field survey by The Berkshire Design Group Inc, 4 Allen Place, Northampton, MA (413) 582-7000
 - The Contractor shall be responsible for a thorough site examination to determine the extent of demolition necessary to prepare the site for construction and shall verify all items to be demolished or salvaged with the Landscape Architect prior to beginning work.
 - Care shall be taken not to damage any items designated to remain; repair or replacement of damaged items designated to remain shall be at the Contractor's expense.
 - Disposition of property designated to be removed shall be at the direction of the Landscape Architect or Owner, and shall conform to all applicable laws and regulations. All salvageable material shall be delivered by the Contractor to storage areas designated by the Landscape Architect. Contractor shall remove all existing unsuitable materials from the site.
 - The Contractor shall protect existing trees to remain with 2x 4x 6-0" stakes and snow fencing.
 - All topsoil shall be stripped from grass areas to be removed and stockpiled in an area designated by the Owner. The Contractor is responsible for all topsoil as needed to meet the specifications.
 - The Contractor may use temporary fencing to control the site during construction. Prior to the finalization of the project, the Contractor shall remove all temporary fencing and barricades.
 - The locations of existing underground utilities are shown in an approximate way only based on available data and all utilities may not be shown. Prior to construction, contractor shall contact DPW and Dig Safe to request utilities to be marked on the ground. The contractor shall be responsible for determining the exact location of all existing utilities before commencing work. The Contractor agrees to be fully responsible for any and all damages which might be occasioned by his/her failure to exactly locate and preserve any and all utilities.
 - All existing abandoned water, sewer and drain lateral connections shall be cut and capped at the main lines. All work within the right-of-way shall be in accordance with the standards of the Montague Highway Department.
 - Contractor to obtain road cut/trench permit from DPW prior to any excavation work. Road cut shall be complete and patched with hot-mixed asphalt.
 - All sculptures to be salvaged.





Utility Notes

- All materials and construction methods shall conform to the construction standards and specifications of the Town of Montague and the Massachusetts Department of Public Works.
- All dimensions, elevations and layout shall be verified in the field by the contractor and approved by the Landscape Architect prior to beginning work.
- All new or adjusted manholes, gas gates, water gates and water services to be flush with finished grade.
- All new or adjusted catch basin rims shall be set 1/2 inch below finished grade.
- Notify the Landscape Architect of any discrepancies prior to construction.
- All water lines shall have a minimum of 5' of cover over the crown of pipe.
- Thrust blocks shall be constructed for all water lines at all angles, bends, branches, plugs and wherever else is necessary to prevent disruption of proper functioning of the line.
- It is the responsibility of the contractor to coordinate all location of utility lines with appropriate utility companies and dig safe before and during construction.
- Coordinate with electric engineer plans for location of light posts, electric conduit & transformers.
- Prior to the start of work, the Contractor shall arrange a site inspection schedule with the City Engineer, in accordance with the conditions of the project Stormwater Permit.
- The Contractor shall submit as-built plans of all sewer and storm drainage work for submission to Holyoke DPW.

Grading Notes

- Existing conditions and topography taken from field survey by Heritage Surveys, Inc. College Highway & Clark Street, Post Office Box 1, Southampton, MA (413) 527-3600
- Proposed & existing contours at 0.5 FT intervals.
- All sidewalks/walkways shall conform to the Massachusetts Architectural Access Board's (AAB) requirements. Sidewalk/walkway cross-slope is 1.5% minimum, 2.0% maximum. Maximum slope in any direction shall be 5.0%. Slopes shall not exceed 2% across any accessible parking space or adjacent aisles.
- All materials and construction methods shall conform to the construction standards and specifications of the City of West Springfield and the Massachusetts Highway Department.
- All dimensions, elevations and layout shall be verified in the field by the contractor and approved by the Landscape Architect prior to beginning work.
- All new or adjusted manholes, gas gates, water gates and water services to be flush with finished grade.
- All new or adjusted catch basin rims shall be set 1/2" below finished grade.
- Notify the Landscape Architect of any discrepancies prior to construction.

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MONTAGUE, MASSACHUSETTS



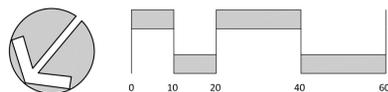
Grading & Drainage Plan

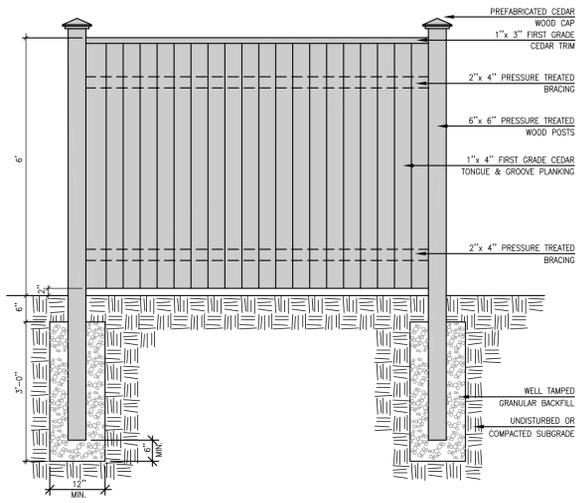
BID PLANS

Revisions

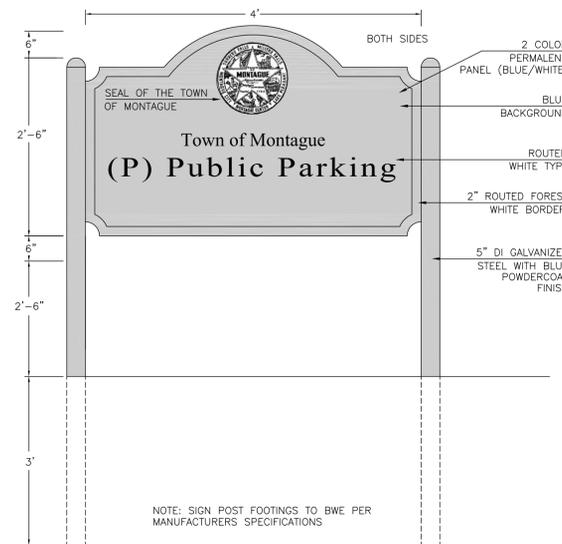
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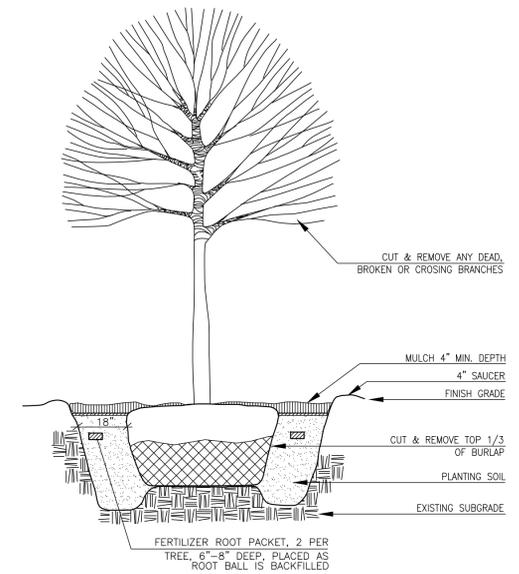




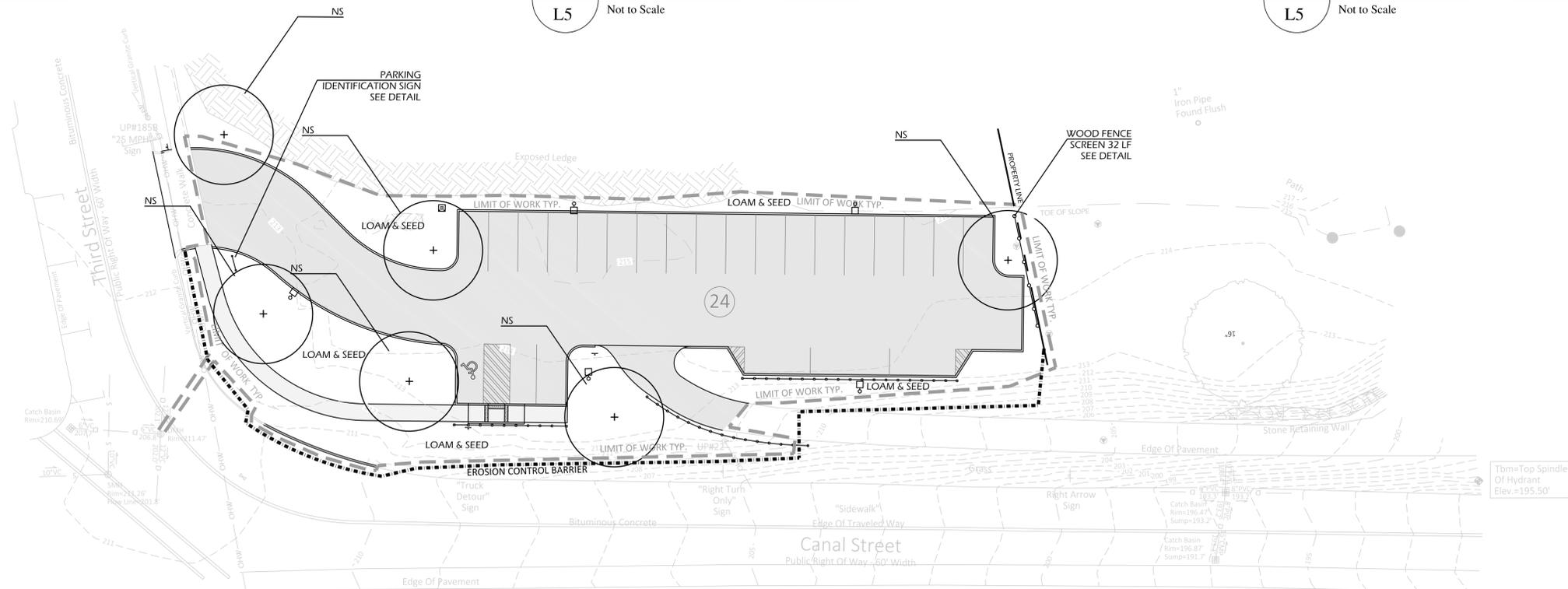
1 Wood Fence Screen
L5 Not to Scale



2 Parking Sign
L5 Not to Scale



3 Tree Planting
L5 Not to Scale



CANAL STREET PARKING LOT

MONTAGUE, MASSACHUSETTS



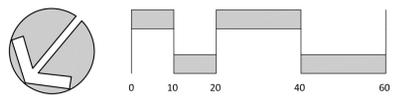
Planting Plan

BID PLANS

Planting Notes

- All nursery stock shall comply with the latest standards of the American Nursery & Landscape Association with regard to grading and quality.
- All plants shall conform to the measurements specified, except that plants larger than those specified may be used if approved by the Landscape Architect.
- All plants shall be nursery grown in accordance with good horticultural practices and shall be grown under climatic conditions similar to those in the project locality for at least two years.
- Balled and burlapped plants (B&B) shall be moved with the root system as solid units; root balls shall be firmly wrapped with burlap. Container grown plants shall not be removed from container prior to the time of installation; root system shall be firmly set in container.
- Planting soil mix shall consist of seven (7) parts loam and one (1) part peat moss by volume, with a pH value of 5.0 to 6.0.
- All trees and shrubs to receive two (2) fertilizer packets as shown in details.
- Planting beds to receive 4" depth of bark mulch.
- All plant material shall be guaranteed for one full growing season (one year) after installation.
- Any plant material which dies, turns brown or unexpectedly defoliates prior to acceptance of work shall be promptly removed from the site and replaced with material of the same species, quality, size and meeting all planting specifications.
- Planting layout shall be approved by the Landscape Architect prior to installation.

KEY	QTY	LATIN	COMMON	SIZE	NOTES
NS	3	Nyssa sylvatica	Black Tupelo	3'-3.5' cal.	



Revisions	
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