The Grossman Companies

40 Wisconsin Avenue
Norwich, Connecticut
Inland Wetlands and Site Plan Applications
April 27, 2021

Revised: May 11, 2021



Vicinity Map

1'' = 500'

DEVELOPMENT TEAM

Property Owner

859 Willard Street

Norwich 40 TGCI LLC

Suite 501

Quincy, MA 02169

Applicant/Developer The Grossman Companies

859 Willard Street

Suite 501

Quincy, MA 02169

Civil Engineer F. A. Hesketh & Associates, Inc.

3 Creamery Brook East Granby, CT 06026

Surveyor Kelly Engineering Group

0 Campanelli Drive Braintree, MA 02184

Traffic Engineer F.A. Hesketh & Associates, Inc.

Soil Scientist EcoTec, Inc.

102 Grove Street

Worchester, MA 01605

LIST OF DRAWINGS

Title Sheet

LA-1 & LA-2 Layout Plan

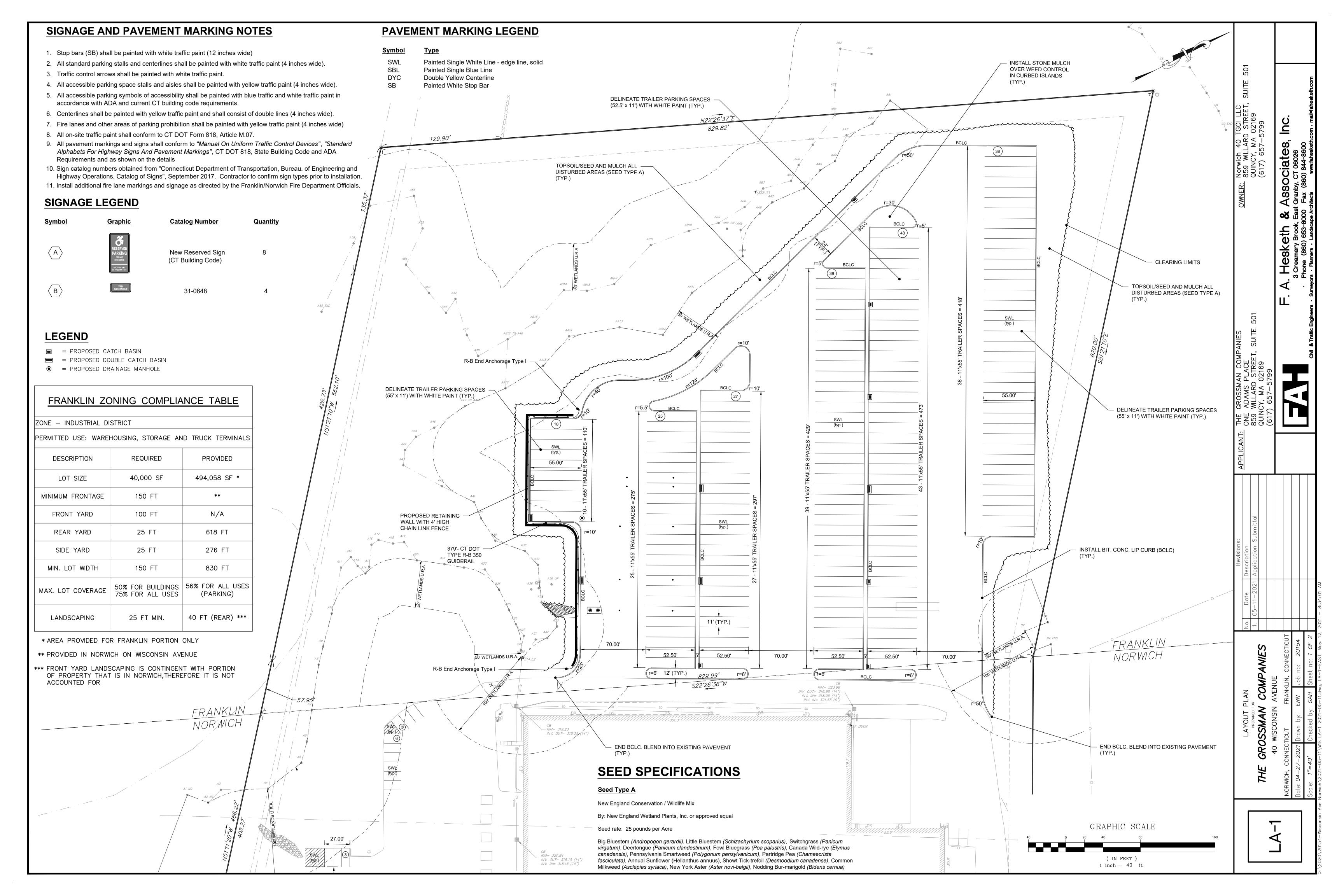
GR-1 & GR-2 Grading and Drainage Plan

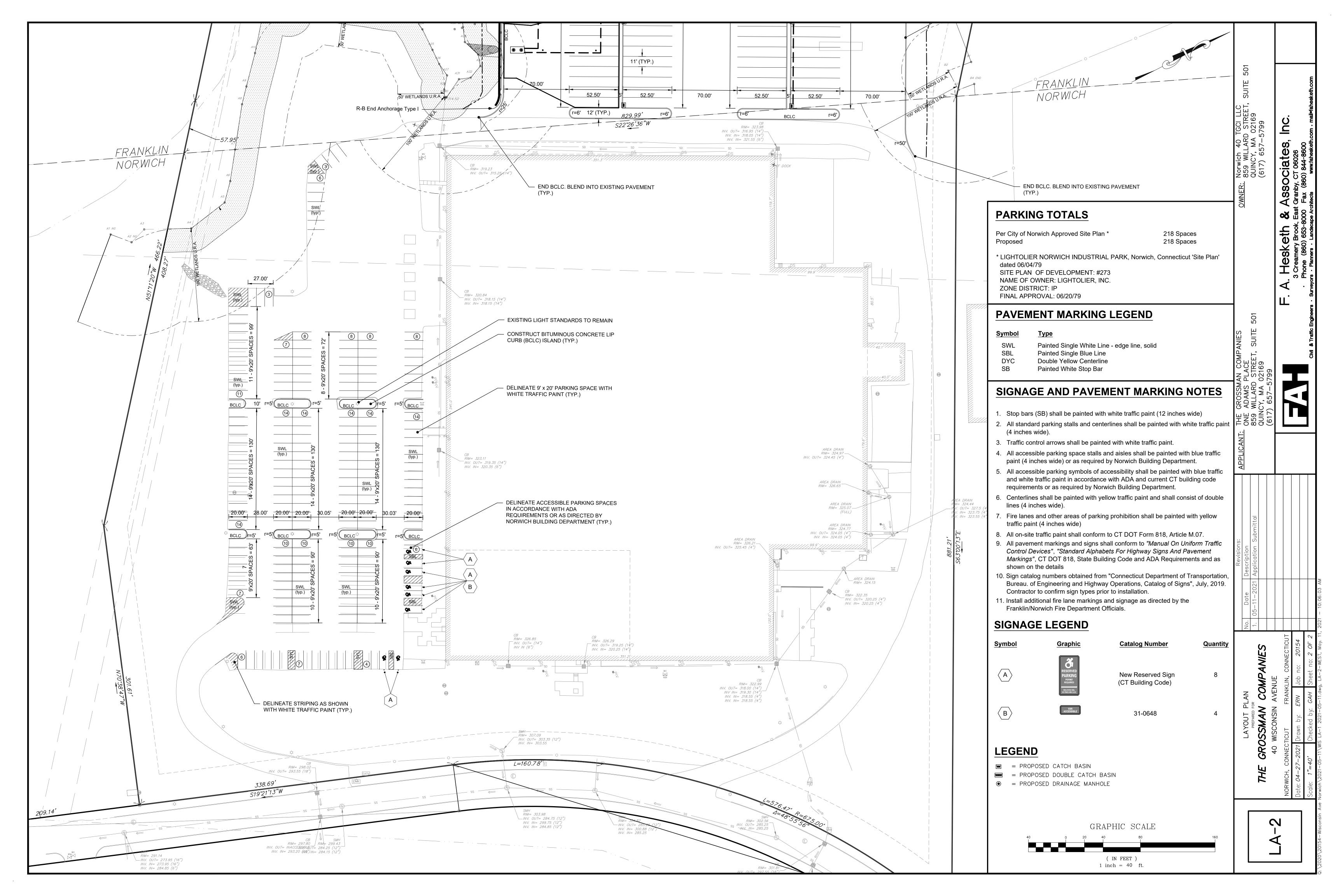
EC-1 Soil Erosion & Sedimentation Control Plan

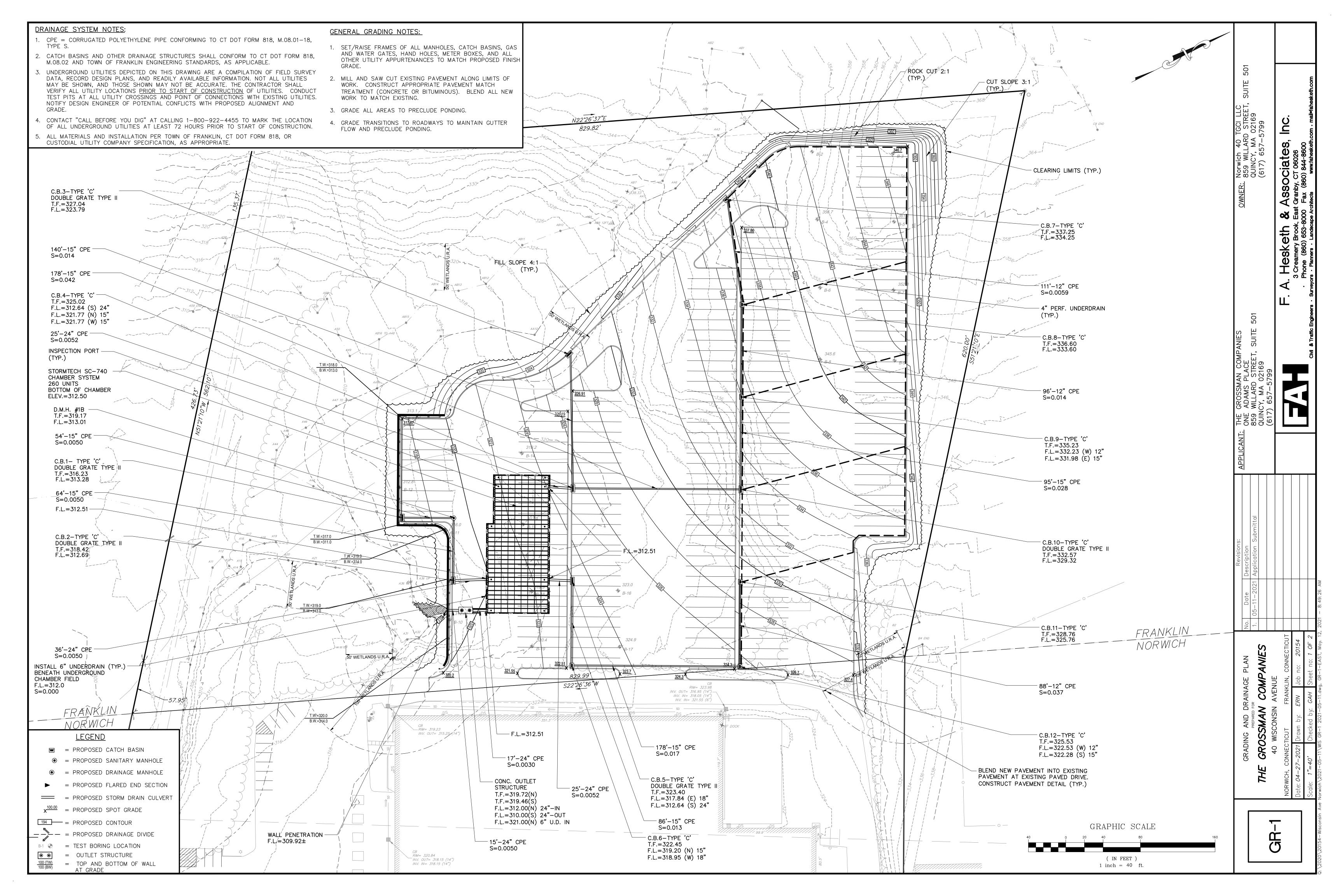
SD-1 thru SD-3 Site Details

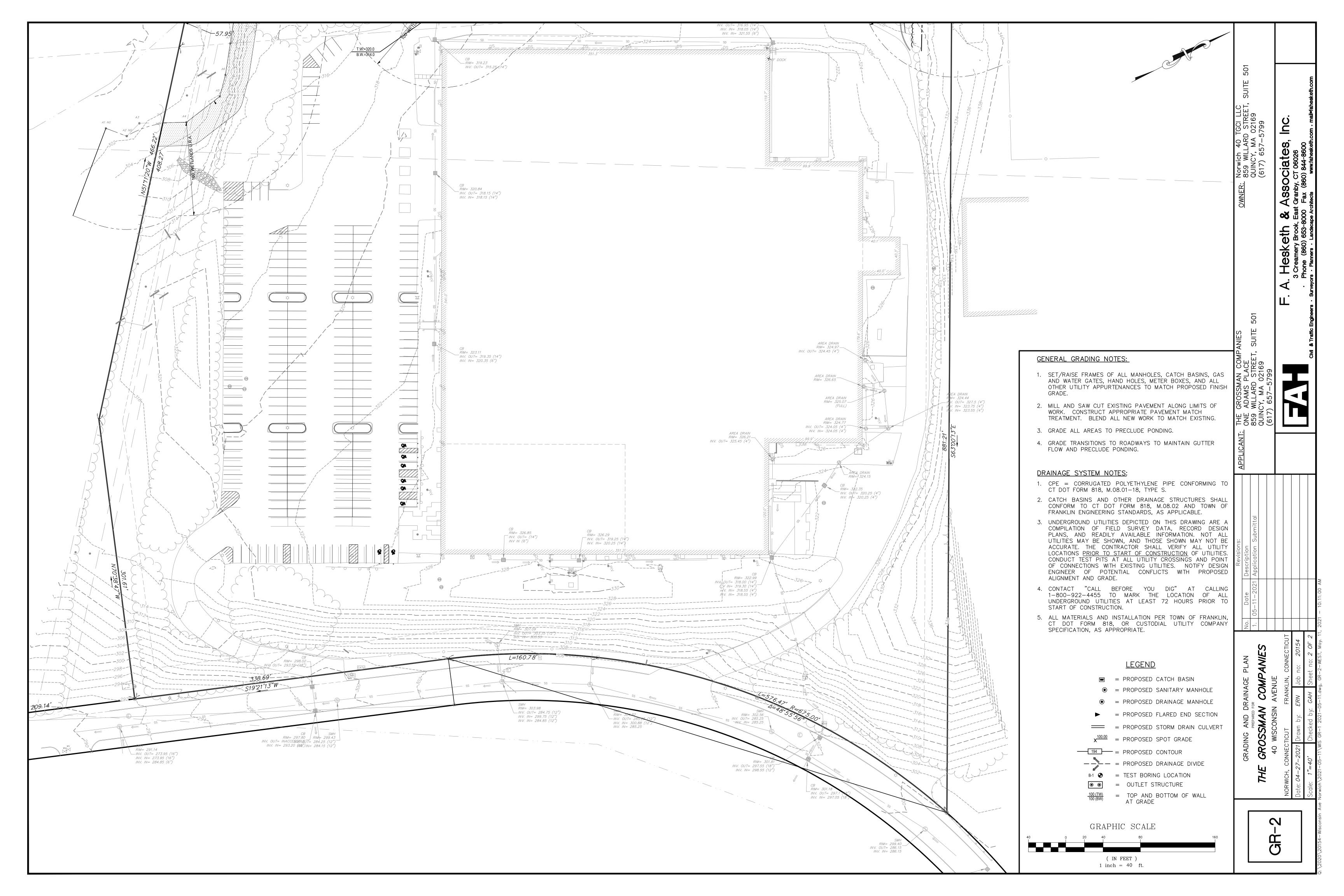
NT-1 Notes

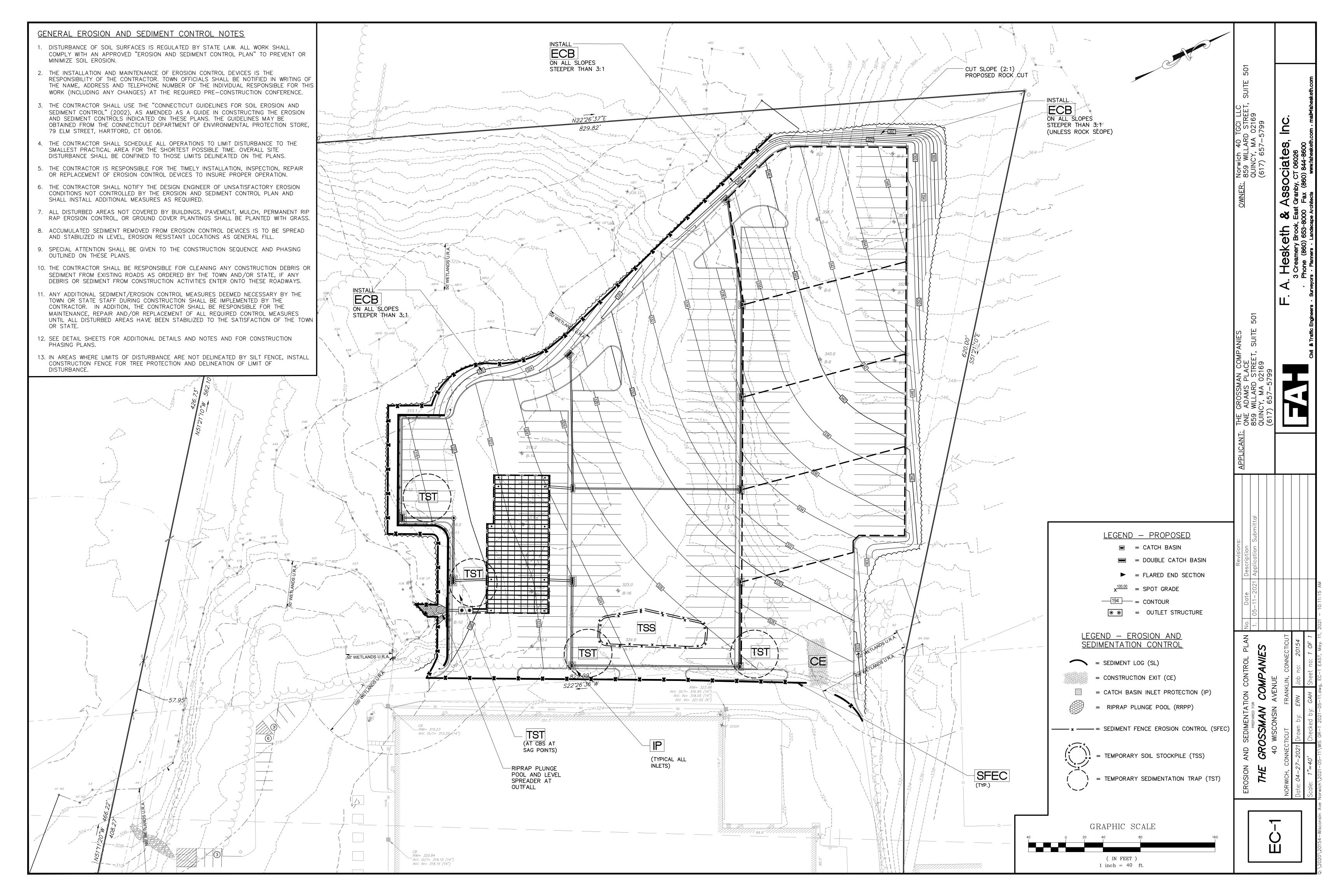
Sheets 1-3 Existing Conditions Plan (Kelly Engineering Group)

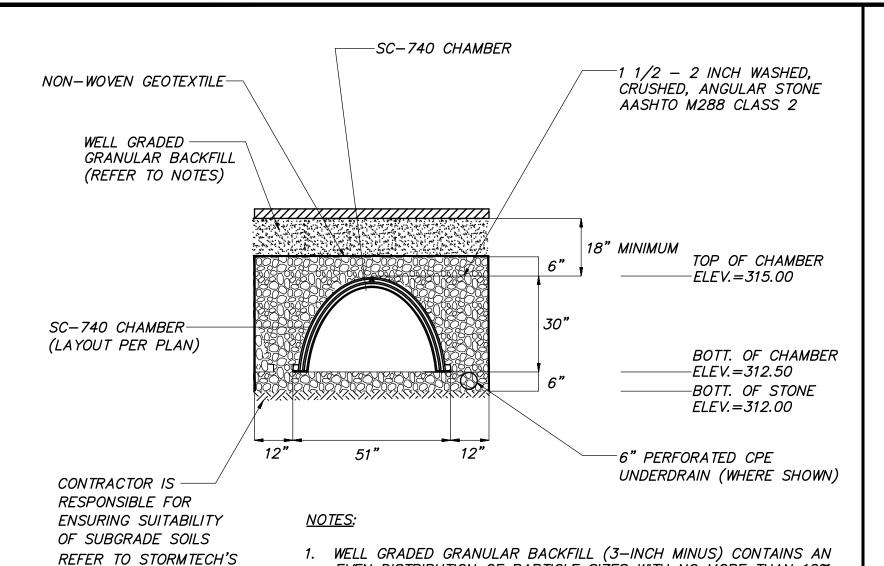












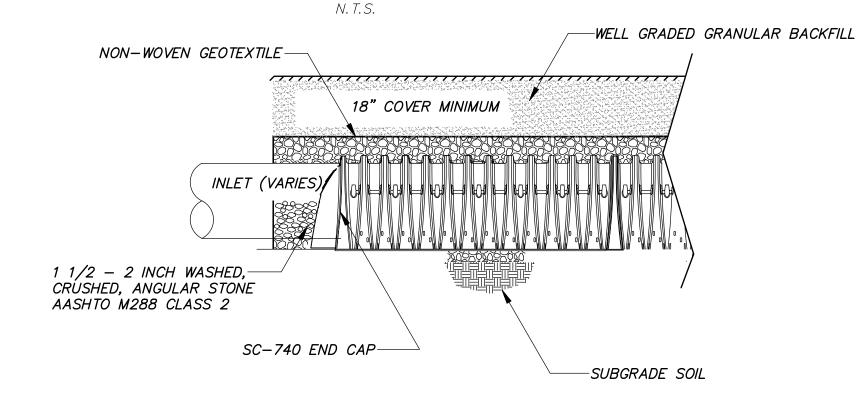
EVEN DISTRIBUTION OF PARTICLE SIZES WITH NO MORE THAN 12%

PASSING THE #200 SIEVE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR DENSITY. REFER TO THE TABLE OF ACCEPTABLE FILL MATERIALS IN STORMTECH'S DESIGN MANUAL,

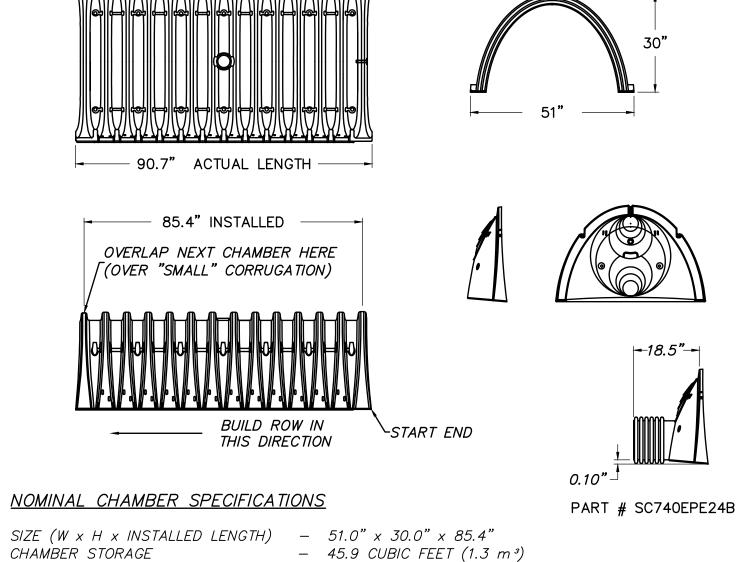
INSTALLATION MANUAL, OR WWW.STORMTECH.COM.

TYPICAL CROSS SECTION

DESIGN MANUAL.



TYPICAL PROFILE - INLET ROW



STORMTECH SC-740 CHAMBER SYSTEM

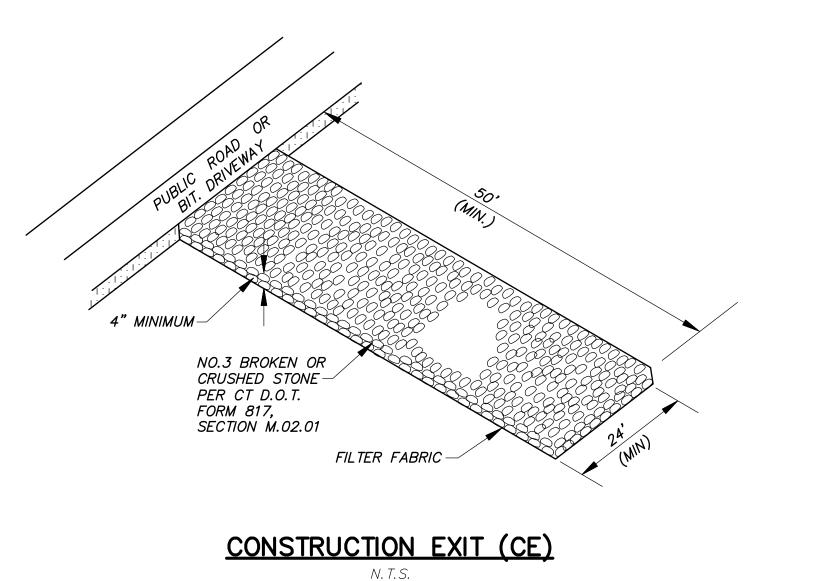
– 74.9 CUBIC FEET (2.1m³)

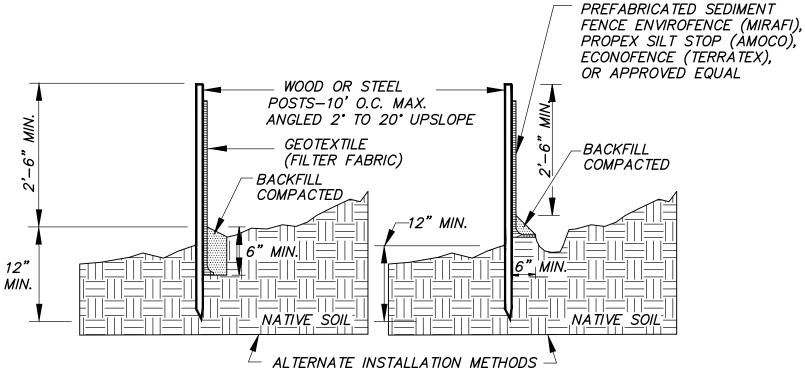
– 75 lbs. (33.6 kg)

<u>NOTES:</u>

MINIMUM INSTALLED STORAGE

1. CONTRACTOR TO SUBMIT DETAILED SHOP DRAWINGS OF SYSTEM CONFIGURATION FOR REVIEW/APPROVAL FROM DESIGN ENGINEER.



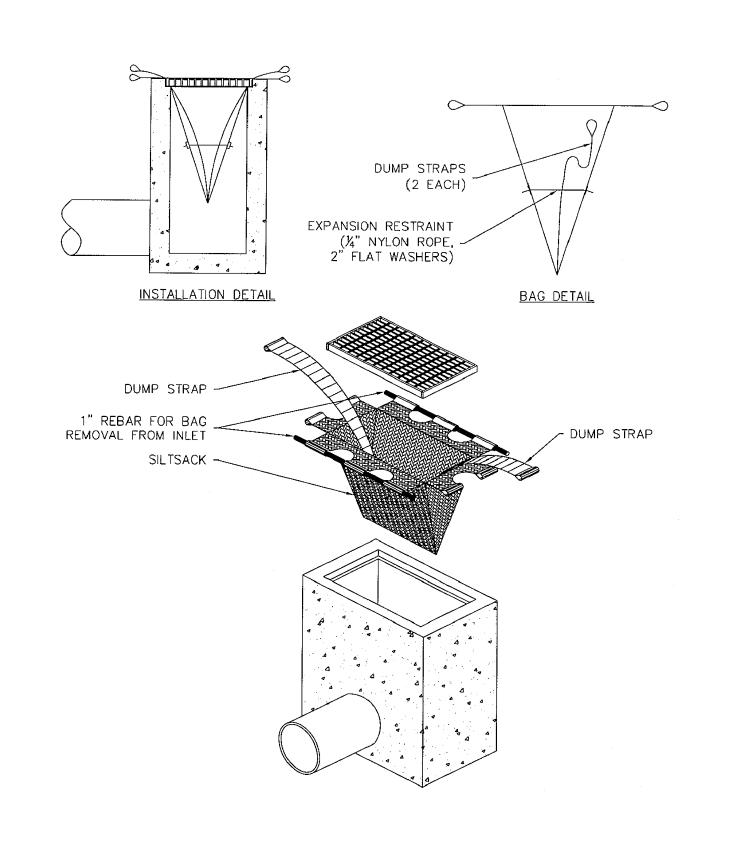


NOTE: 1. WOOD POSTS SHALL BE HARDWOOD 1 1/2" x 1 1/2" x 48" MIN. STEEL POST SHALL BE A MINIMUM OF 0.5 POUNDS PER LINEAR FOOT X 48".

2. JOINTS, WHEN REQUIRED, SHALL BE SPLICED & SECURELY SEALED TOGETHER, AT POST LOCATIONS ONLY, WITH A MINIMUM 6" OVERLAP.

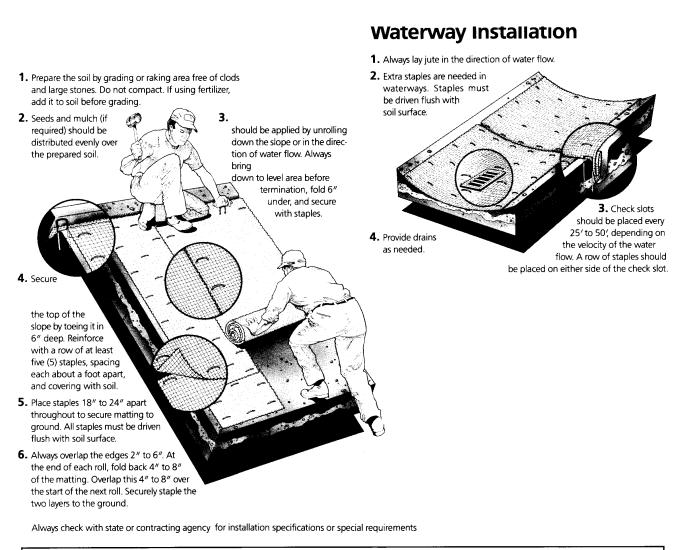
SEDIMENT FENCE EROSION CONTROL (SFEC)

N.T.S.



1. INSTALL AND MAINTAIN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

INLET PROTECTION (IP) [SILT SACK INSERT]

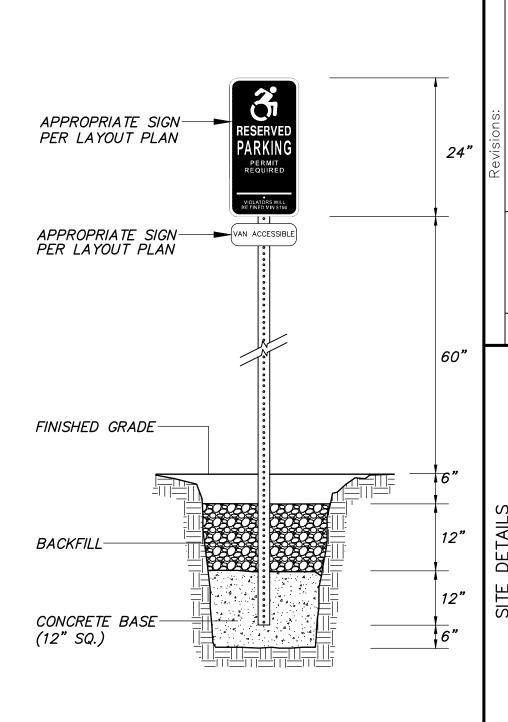


Staples Type **Specifications** Property 8 gauge 6" 8 gauge 8" Jute, undyed and unbleached Fabric width Typical usage: Approximately 200 staples per roll. .92 lbs./yd?* Yarn count-Warp 78 per width, minimum 42 per linear yard, minimum Available in regular and smolder resistant treated rolls. Roll Packaging Water Absorption >450% of fabric weight (Call or write for current product data sheet on Open Area 60-65% Durability Coverage approximately 50 rolls per acre. 48" x 225' 92 lbs. Regular (using 100 yd? rolls) 97 lbs. 48" x 225' Smolder-resistant 60 lbs. UPS size roll 48" x 147' *Smolder treatment adds approximately .05 lb./yd?

1. USE ANTI-WASH/GEOJUTE PRODUCT OR APPROVED EQUAL

EROSION CONTROL BLANKET (ECB)

NTS



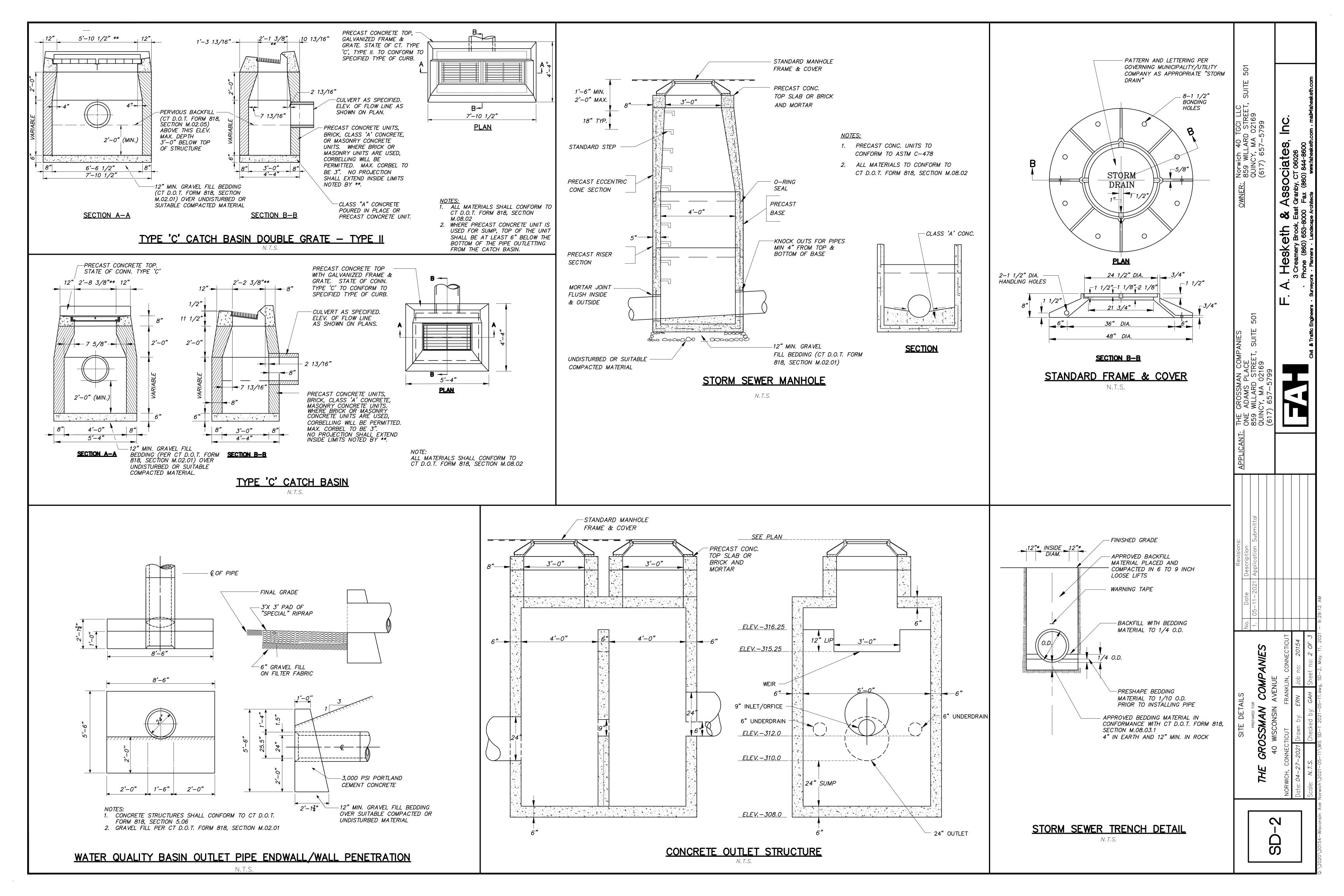
RESERVED ACCESSIBLE SPACE
SIGN POST/BASE WITHIN
LANDSCAPED AREAS

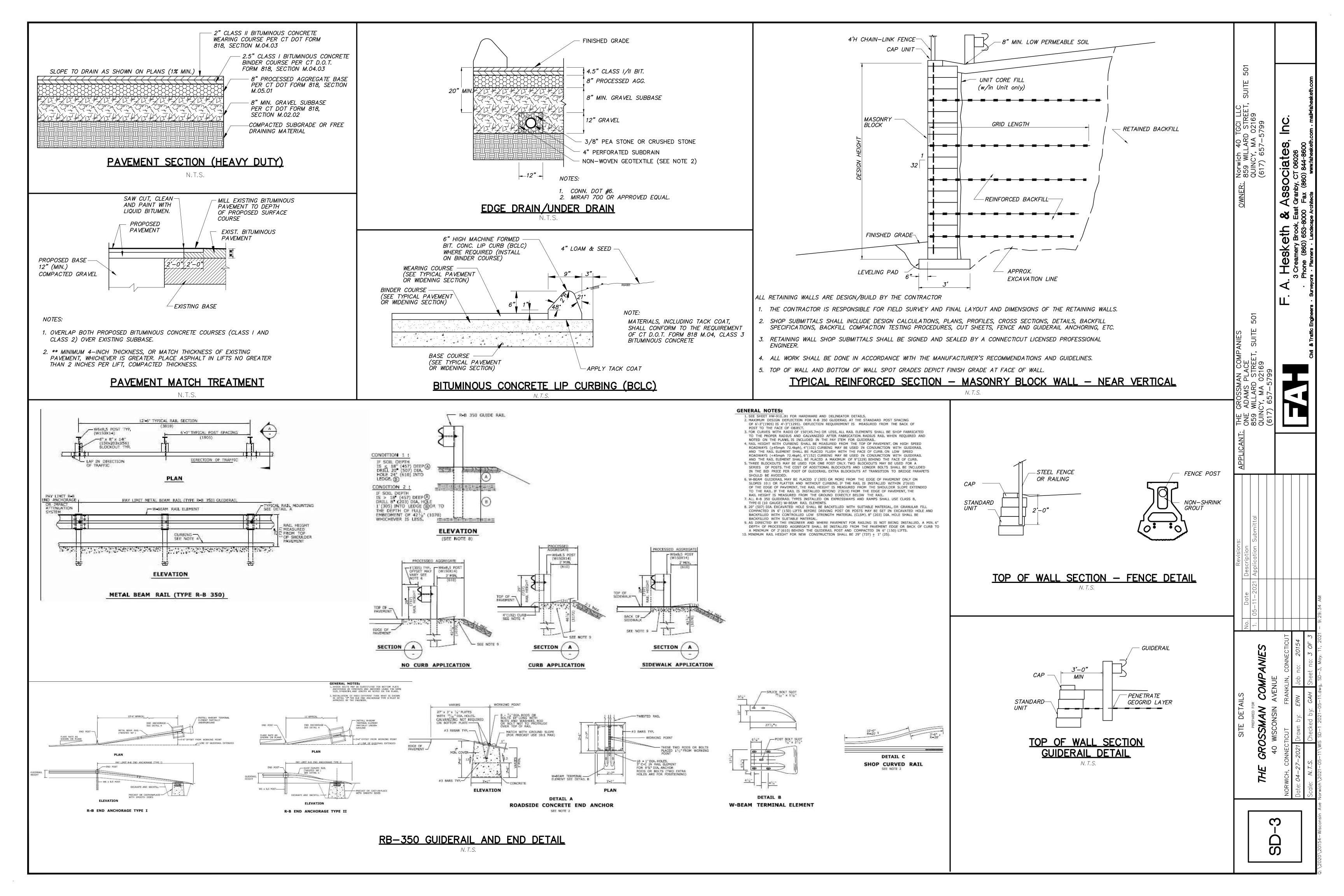
SD-1

sociate

Ω,

sketh





PROJECT DESCRIPTION:

The Grossman Companies project site consists of a 25.799± acre parcel of land in Norwich and Franklin, Connecticut. The site will contain a new parking lot for truck trailers. The project will provide a total of 182 paved, on-site trailer parking spaces.

The storm drainage collection system capacity is based on a 100-year design storm. The storm drainage collection system incorporates Best Management Practices (BMP's) including; pre-cast catch basins with 2-foot sumps, and treatment via water quality chambers.

CONSTRUCTION SEQUENCE:

In general, the overall project will follow the sequence below:

- 1. Contact "call before you dig" at 1-800-922-4455 at least 48 hours prior to the start of construction to have existing utilities marked. Attend a preconstruction meeting with the Town of Franklin and City of Norwich staff, as appropriate (including the Wetlands Agent) and Utility Company representatives.
- 2. Place sediment fence as shown on the Soil Erosion and Sediment Control Plan prior to the start of any excavation.
- 3. Install construction exit as shown on the plans.
- 4. Stake clearing limits and flag trees to remain. Complete clearing and grubbing.
- 5. Install temporary soil erosion and sedimentation control measures.
- 6. Construct retaining walls working from up-gradient side of the wall.
- 6. Rough grade site to subgrade.
- 7. Install underground stormwater management system, new storm drainage structures, and piping. Install inlet protection at drainage inlets as they are completed. Stabilize outlets with rip-rap erosion protection.
- 8. Install underground utilities and site lighting.
- 9. Compact subgrade and install parking lot gravel subbase (where required) and processed aggregate base course.
- 10. Install pavement binder course.
- 11. Install pavement wearing course.
- 12. Place topsoil and landscape materials.
- 13. Install pavement markings and signs.
- 14. Remove erosion controls after disturbed areas are landscaped and mulched or new lawn areas are stabilized.
- 15. Remove sediment from storm drainage system and riprap aprons as required.
- 16. The approximate date for start of construction is fall 2021. The estimated completion date is late fall 2022.

EROSION AND SEDIMENT CONTROL NOTES

- 1. Disturbance of soil surfaces is regulated by State Law. All work shall comply with an approved "Erosion and Sediment Control Plan" to prevent or minimize soil erosion.
- 2. The installation and maintenance of erosion control devices is the responsibility of the land owner, developer, and the excavation contractor. Town officials shall be notified in writing of the name, address and telephone number of the individual responsible for this work (including any changes) at the required pre-construction conference.
- 3. The contractor shall use the "Connecticut Guidelines for Soil Erosion and Sediment Control" (2002), as amended as a guide in constructing the erosion and sediment controls indicated on these plans. The guidelines may be obtained from the Connecticut Department of Environmental Protection store, 79 Elm Street, Hartford, CT 06106-5127.
- 4. The contractor shall schedule operations to limit disturbance to the smallest practical area for the shortest possible time. Overall site disturbance shall be confined to those limits delineated on the plans.
- 5. The contractor is responsible for the timely installation, inspection, repair or replacement of erosion control devices to insure proper operation.
- 6. The contractor shall notify the design engineer of unsatisfactory erosion conditions not controlled by the erosion and sediment control plan and shall install additional measures as required.
- 7. All disturbed areas not covered by buildings, pavement, mulch or ground cover plantings shall be planted with grass per the landscape plan.
- 8. Accumulated sediment removed from erosion control devices is to be spread and stabilized in level, erosion resistant locations as general fill.
- 9. The contractor shall be responsible for cleaning any construction debris or sediment from existing roads as ordered by the Town and/or State, if any debris or sediment from construction activities enter onto these roadways.
- 10. Limit work within wetland regulated areas to the least disturbance necessary for construction. Restore disturbed areas as closely as possible to their original natural state.
- 11. Additional dust control measures as specified in D.O.T. 818 Section 9.39, Section 9.42 and Section 9.43 shall be furnished by the contractor as site conditions warrant or as directed by Town or State officials.
- 12. The contractor is responsible for cleaning and removal of sediment and/or debris from the storm drainage system throughout the duration of the project (i.e. sumps, plunge pools, level spreaders, etc.)
- 13. The erosion and sedimentation control measures shown on the plans are the minimum requirements for the work. Specific erosion control plans shall be developed by the Contractor for each phase of the work and shall be modified as construction conditions warrent. These phased plans shall be submitted to the Engineer and to Town staff for review and approval.

EROSION CONTROL DEVICES:

Refer to the "Connecticut Guidelines For Soil Erosion And Sediment Control – 2002" (see Erosion and Sediment Control Note 3) when constructing erosion control devices shown on this plan.

HBEC - HAYBALE EROSION CHECKS shall be staked a minimum of five (5) feet from the base of disturbed slopes exceeding eight (8) feet in height, or at locations shown on the plans. Place haybales before starting a fill slope and after digging a cut slope. Heel haybales 4" into the soil. Stake haybales around the perimeter of all catch basins. Remove all sediment when deposits reach 1/2 bale height. Haybales must be replaced periodically.

SFEC - SEDIMENT FENCE EROSION CHECK: a synthetic textile barrier designed to filter sediment from surface water runoff. Placement shall be similar to HBEC and installation requires anchoring the fence bottom to prevent bypass. All sediment shall be removed if deposits reach one (1) foot in depth. Additional support (such as snow fence or wire fence) on the downhill face may be required to strengthen sediment fence in high flow locations.

CE - CONSTRUCTION EXIT: a broken stone pad providing a hard surface points where vehicles will leave the site. The construction exits reduce tracking of sediment into adjacent pavement. Excess sediment should be periodically removed from the stone surface.

RRPP - RIP RAP PLUNGE POOL: a riprap lined apron installed at a zero percent grade to absorb the initial impact of stormwater discharge from the storm drainage system and further reduce flow velocities to prevent erosion downstream. RROP is designed per the "Connecticut Department of Transportation, Drainage Manual - 2000"

RRSW - RIP RAP SWALE: a swale with rip rap lining installed to to absorb the energy of flowing stormwater and reduce flow velocities to prevent erosion of the channel.

FES - FLARED END SECTION: a precast concrete culvert or formed polyethylene end structure designed to spread runoff to greater width of flow.

SB — SEDIMENT BASIN: traps sediment from eroding areas before it can reach downstream waterways, drainage systems, developed areas or any other land to be protected. Sediment basins can be created with dams and barriers or excavation along waterways or any runoff path. They must be designed to provide adequate detention time and sediment accumulation. Accumulated sediment must be removed periodically.

HBCD — HAY BALE CHECK DAMS: shall be staked in a single row perpendicular to the flow along the bottom and sides of drainage ditches and channels or in other locations where runoff is concentrated. Check dams shall be installed at 100' intervals unless indicated otherwise. Silt must be removed and haybales replaced periodically.

ECB - EROSION CONTROL BLANKET: A manufactured blanket composed of biodegradable/photodegradable natural or polymer fibers and/or filaments that have been mechanically, structurally or chemically bound together to form a continuous matrix.

IP - CATCH BASINS INLET PROTECTION: Staked haybales around the perimeter of catch basins or silt sacks installed within the catch basin.

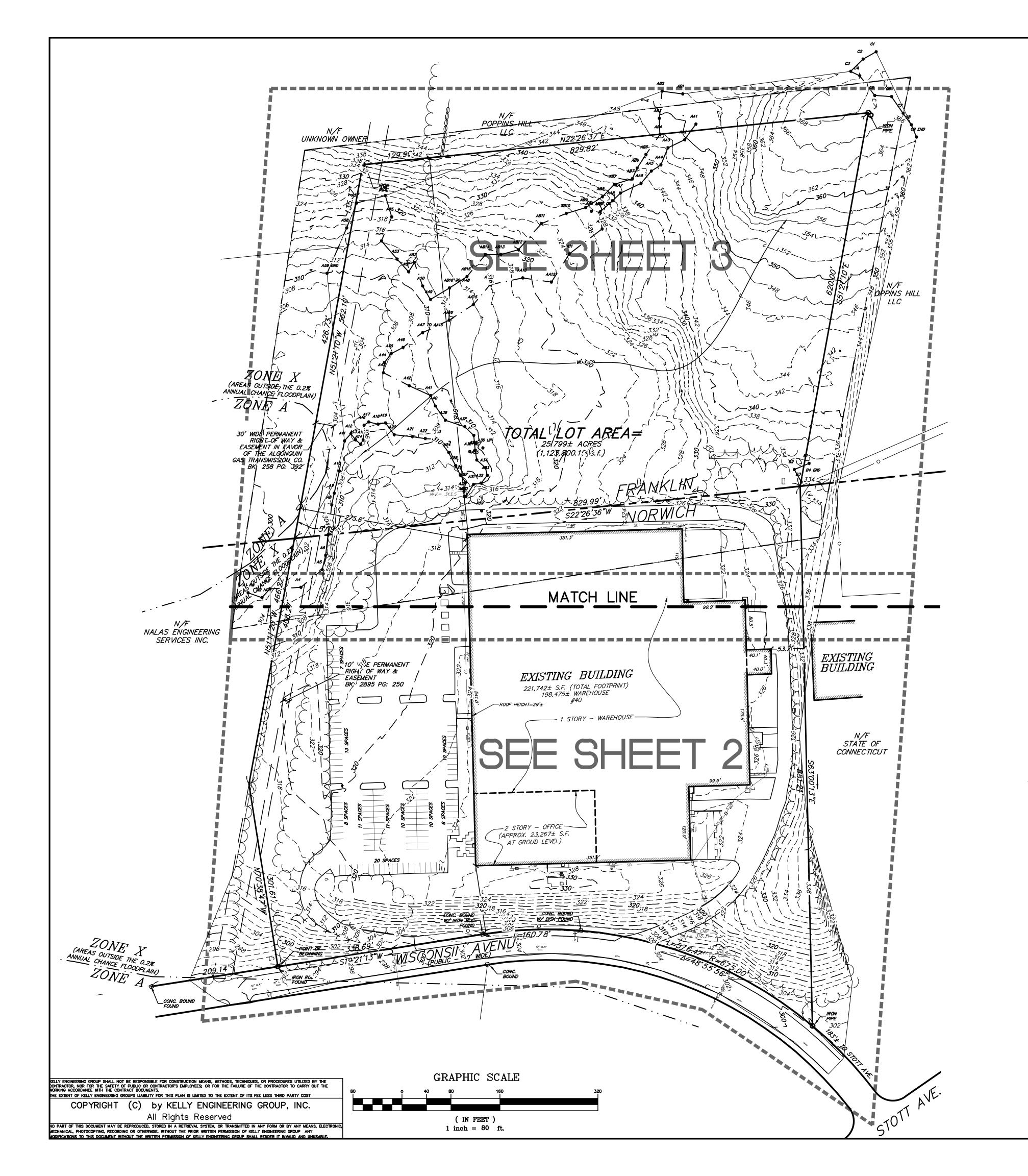
GENERAL NOTES:

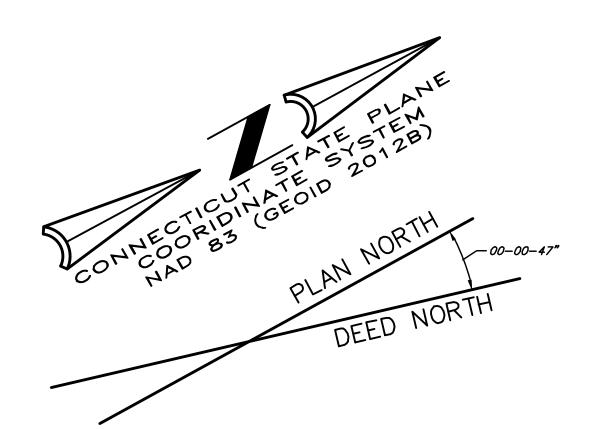
- 1. See project survey for horizontal and vertical control.
- 2. All work on this project shall be completed in conformance with the requirements of the various federal, State, and local permits issued for
- 3. A pre-construction meeting and authorization to proceed will be required prior to start of any construction, including demolition, removal of trees or stripping of land. Procedures for such pre-construction meeting and authorization to proceed shall be in accordance with Town, City, and State requirements. The contractor is responsible for arranging this meeting with Town, City, and State officials, as applicable.
- 4. Prior to any excavation the contractor shall verify all underground utilities by calling 1-800-922-4455 at least 48 hours in advance.
- 5. All work and materials to conform to Town of Franklin and City of Norwich standard specifications as applicable, D.O.T. Form 818, or the details shown on these plans as applicable.
- 6. Erosion and sedimentation control measures shall be installed and maintained in accordance with the plan, specifications, and the erosion and sedimentation control notes.
- 7. Drainage shall be maintained throughout the project so as not to cause flooding of roadways or damage to private property.
- 8. Trees and vegetation identified to be saved shall be protected from construction equipment by suitable means approved by Town and City staff, as applicable.
- 9. Removal of trees or other vegetation, or re-grading substantially different from that shown on the approved site plan, will not be permitted without prior authorization by the Town, City or State, as applicable.
- 10. No stumps are to be buried on site.
- 11. All debris shall be removed from the site by the contractor.
- 12. All exterior lighting shall not be directed onto abutting properties or roadways.

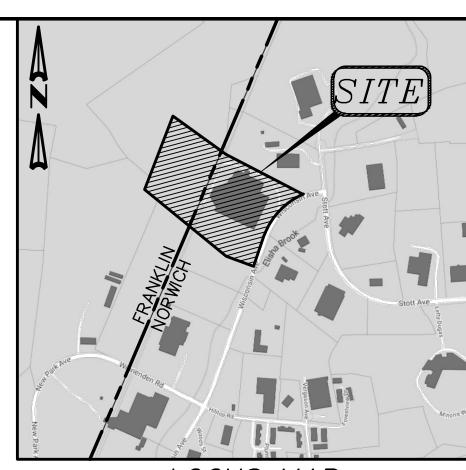
SCHEDULE AND DESCRIPTION OF RESPONSIBILITY FOR MAINTENANCE OF THE ON-SITE STORM WATER SYSTEM:

- Maintenance of the on-site storm water system is the responsibility of the property owner. This includes all catch basins, system piping, manholes, roof leaders, underground stormwater management system and outlet structure.
- 2. The following schedule of maintenance shall be followed:
- a. In general, good housekeeping practices shall be incorporated into the routine site and facility maintenance plan to minimize deposition of sediment, litter and contaminants into the storm drainage system.
- b. Paved parking and loading areas and walks shall be swept of debris, sand, and litter at least twice annually, in particular, late spring after winter sanding operations, and in late fall after leaf litter cleanup.
- c. Catch basins and manholes shall be inspected annually, following spring site cleanup. Accumulated sediment and debris shall be removed and disposed of to approved off-site locations.
- d. Rip rap and crushed stone erosion control shall be inspected annually. Excess sediments shall be removed and repairs made when erosion is
- 3. Maintenance records documenting system inspection and cleaning operations shall be maintained by the property owner and shall be made available for inspection by the Town or City as requested.
- 4. Underground stormwater management system shall be inspected and maintained:
- Inspect unground stormwater chambers via inspection ports or inlet piping.
- Repair systems as required.
- Inspect outlet structure annually and remove debris at outlet structure as required.

Associates, at Granby, CT 06026 Hesketh 3 Creamery Brook, \triangleleft COMP. GROSSMAN 40 WISCONSIN







LOCUS MAP (NOT TO SCALE)

1.) This survey and map have 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 for use by the Connecticut Association of Land Surveyors, Inc. It is a Property Survey the Boundary Determination Category of which is a Resurvey conforming to Horizontal Accuracy Class A-2

- 2.) The site detail and surface improvements depicted hereon were obtained by a field survey of the property in March of 2020 by Kelly Engineering Group, Inc.
- 3.) The surveyed premises is the same as the same property as described in Exhibit A of the title commitment issued by First American Title Insurance Company Title Commitment #NCS-1001391-BOS1 Dated: 02/12/20
- 4.) The surveyed premises has direct access to Wisconsin Avenue, a public way.
- 5.) The surveyed premises abuts the adjacent properties and streets without gaps or
- 6.) The parcels that comprise the surveyed premises shown hereon are contiguous parcels without gaps or gores.

CURRENT OWNER:

PHILIPS LIGHTING NORTH AMERICA CORPORATION, a Delaware corporation, by Virtue of a Warranty Deed from Genlyte Thomas Group LLC recorded March 17, 2016 in Volume 2950 at Page 162 of the Norwich Land Records, and recorded March 17, 2016 in Volume 96 at Page 351 of the Franklin Land Records.

City of Norwich, CT Assessor's Parcel ID# 27-1-13

Town of Franklin, CT Assessor's Parcel ID# 53-44-32

PLAN REFERENCES:

1.) Plan entitled, "Lightolier — Norwich Industrial Park — Norwich, CT — Site Plan", dated 6/4/79, prepared by Greenville Enterprises, Inc. and Beckley Building Corporation, A Joint Venture — Providence, RI

2.) Plan entitled, "Plan of Land in Norwich and Franklin, Connecticut — To Be Conveyed To Connecticut Authority — Proposed Site of Lightolier, Inc.", dated 4/27/79, prepared by CE Maguire, Inc., Architects, Engineers, Planners

KEY SHEET

SCALE " = 80'					
DATE	DEV				
06/19/20	REV	DATE	REVISION	BY	
SHEET OF 3	40 WISCONSIN AVENUE, NORWICH, CT				
FILE # SUOO	0 NEW PARK AVENUE, FRANKLIN, CT				
JOB # 2020-028	EXISTING CONDITIONS				
DRAWN BY JPM	PLAN				
	KELLY ENGINEERING GROUP				SHEET NO.
CHKD BY SMH		E	t s	4	
APPD BY	•		O Campanelli Drive, Braintree, MA 021 Phone: 781-843-4333 www.kellyengineeringgroup.c	04 :0m	

