# NAUGATUCK INDUSTRIAL PARK LOT 21 SHERIDAN DRIVE PROPOSED CONTRACTORS' YARD NAUGATUCK, CONNECTICUT



# DEVELOPER

Laydon Industries, LLC 51 Longhini Lane New Haven, Ct. 06519

# CIVIL ENGINEER & SURVEYOR

JOHN PAUL GARCIA & ASSOCIATES P.C. 190 FAIRWOOD ROAD BETHANY, CT. 06524

# DRAWING INDEX

EXISTING CONDITIONS PLAN C-1

SITE DEVELOPMENT PLAN C-2

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ZONING INFORMATION TABLE PLANNED DEVELOPMENT DISTRICT 2 USE DESIGNATION INDUSTRIAL-B

	REQUIRED\ ALLOWED	PROVIDED
LOT AREA (ACRES)	2.0	6.5
MINIMUM DIMENSION (FEET)	200	506
MINIMUM STREET FRONTAGE (FEET)	50	788.9
MINIMUM FRONT YARD (FEET)	50	N.A.
MINIMUM SIDE YARD (FEET) 1	25 (75)	N.A.
MINIMUM REAR YARD (FEET) 1	50 (100)	N.A.
PARKING SPACES (1/EMPLOYEE)	132	N.A.
MAXIMUM HEIGHT (FEET)	30	N.A.
LOT COVERAGE (%)	40	N.A.

1) PER SECTION 61.5.1 OF THE NAUGATUCK PDD-2 ZONING REGULATIONS, THE SIDE AND REAR SETBACKS HAVE BEEN INCREASED BY 50' AS REQUIRED IN SCHEDULE B, SECTION 24.1.5.4, BULK STANDARDS.

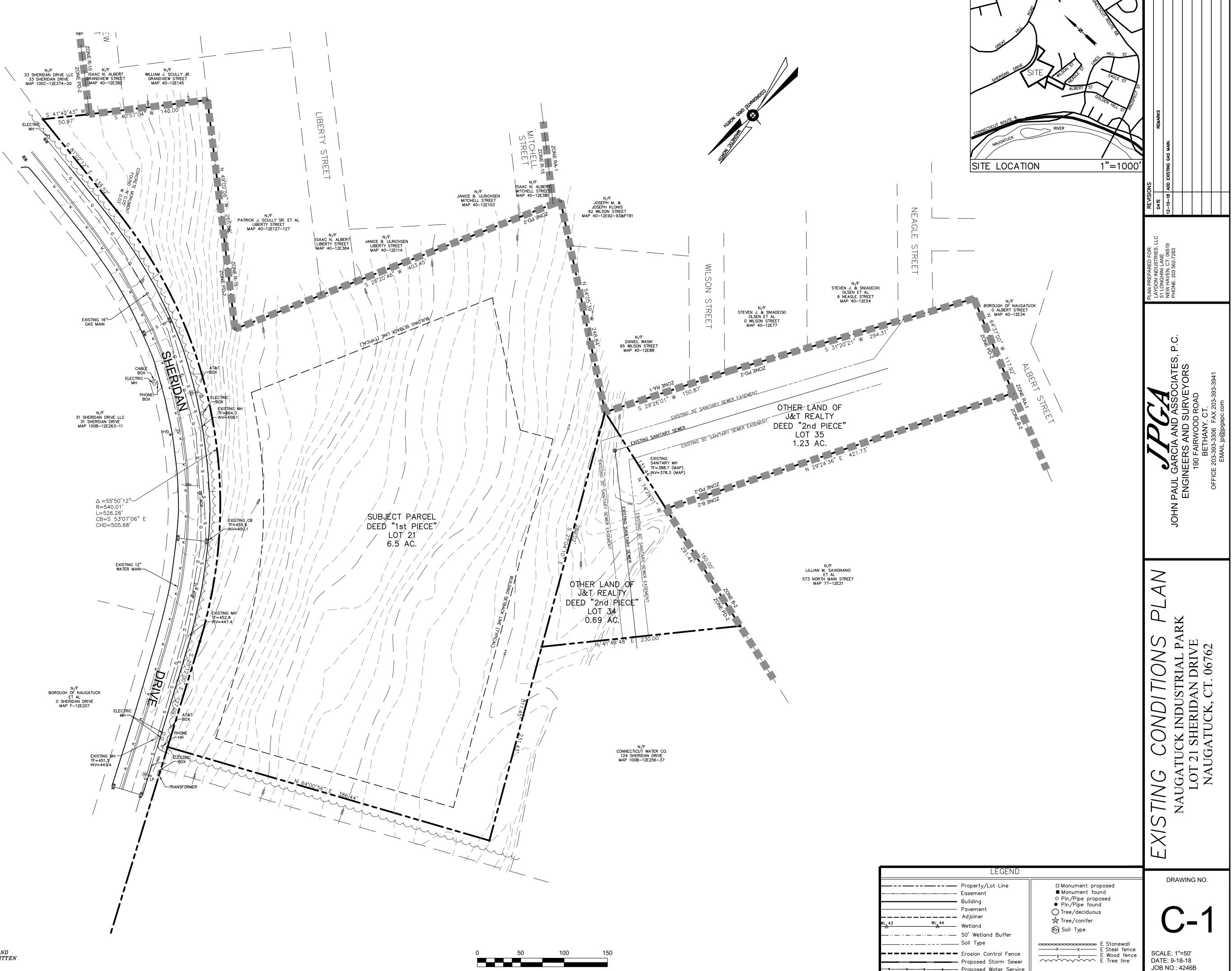
THIS MAP CONFORMS TO ACCURACY CLASS A-2 UNLESS OTHERWISE NOTED HEREON

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON

JOHN PAUL GARCIA, CONNECTICUT LS NO. 14405

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## THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES -"MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 26, 1996. I S A PROPOSED IMPROVEMENT LOCATION SURVEY, BASED ON A DEPENDENT RESURVEY AND CONFORMING TO HORIZONTAL ACCURACY CLASS TYPE A-2. IT IS INTENDED TO BE USED FOR THE PURPOSE OF DEPICTING A PLAN FOR THE EROSION CONTROL METHODS TO BE EMPLOYED DURING THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT. EROSION AND SEDIMENT CONTROL NARRATIVE LOT 21 NAUGATUCK INDUSTRIAL PARK, NAUGATUCK, CT. THE PROJECT CONSISTS OF A 100' BY 200' METAL BUILDING AND ±1.2 ACRES OF DRIVEWAY AND PARKING ON A 6.5 ACRE PARCEL OF LAND, LOCATED ON THE SOUTH SIDE OF SHERIDAN DRIVE IN NAUGATUCK. THE BUILDING IS TO BE SERVED BY MUNICIPAL SANITARY SEWER AND WATER. LAYDON INDUSTRIES LLC IS THE ENTITY RESPONSIBLE FOR MPLEMENTING THE SOIL EROSION AND SEDIMENT CONTROL PLAN. THIS IMPLEMENTATION INCLUDES NOTIFYING THE STATE OF CONNECTICUT DEEP PRIOR TO COMMENCING CONSTRUCTION, THE INSTALLATION AND TIMELY MAINTENANCE OF THE STRUCTURES SHOWN ON THE PLANS, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE LOCAL AND STATE AUTHORITIES OF ANY TRANSFER OF RESPONSIBILITY, AND FOR CONVEYING THIS RESPONSIBILITY IF THE TITLE OF THE LAND IS TRANSFERRED. THIS PLAN CONFORMS TO THE 2002 CONNECTICUT GUIDFLINES FOR SOIL FROSION AND SEDIMENT CONTROL. AND THE 2004 CONNECTICUT STORMWATER QUALITY MANUAL. IT IS NOT THE INTENT OF THIS NARRATIVE TO GO INTO, OR DEFINE, EVERY DETAIL REQUIRED FOR THE INSTALLATION AND MAINTENANCE OF THE EROSION AND SEDIMENT CONTROL MEASURES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR O MAKE SURE THE MEASURES ARE APPROPRIATE FOR THE NTENT. FOR MORE SPECIFIC DETAILS, THE CONTRACTOR IS NSTRUCTED TO REFER TO THE GUIDELINES REFERENCED ABOVE, AND STATE OF CONNECTICUT FORM 815, LISTED UNDER SPECIFICATIONS. SEDIMENT AND EROSION CONTROL SPECIFICATIONS. THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING F ANY AND ALL TEMPORARY AND OR PERMANENT MEASURES O CONTROL AND PREVENT OFF SITE MOVEMENT OF WATER AND SEDIMENT DURING THE CONSTRUCTION OF THE PROJECT. IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, ETC. THE CONTRACTOR SHALL LIMIT INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION AND IMMEDIATELY PROVIDE TEMPORARY, AND WHERE POSSIBLE, PERMANENT CONTROL MEASURES TO PREVENT MATERIALS FROM MOVING OFF SITE. AND GRADING . THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING A. ALL SLOPES SHALL BE 2:1 MAXIMUM. EXTENSIVE AREAS OF SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH EROSION CONTROL MATTING. B. DURING CONSTRUCTION, PROVISIONS SHALL BE MADE TO CONDUCT WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.

C. NO EXCAVATIONS SHALL BE MADE SO CLOSE TO PROPERTY INES SO AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION SLIDING, ETC.

D. NO FILL SHALL BE PLACED WHERE IT WILL SLIDE, OR WASH ONTO THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES OR WATERBODIES. TOPSOILING

. TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN RDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH AND MAINTENANCE OF VEGETATION.

2. TOPSOIL SHALL BE TESTED BY AN APPROVED TESTING AGENCY TO DETERMINE CHARACTERISTICS FOR OPTIMUM GROWING CONDITIONS. TESTING RESULTS TO BE FURNISHED TO THE TOWN OF BEACON FALLS INLAND WETLANDS OFFICER.

OF FORM 816. 4. AS SOON AS POSSIBLE, SPREAD TOPSOIL TO FINAL

GRADES IN ACCORDANCE WITH FORM 816.

5. AVOID SPREADING TOPSOIL WHEN WET OR FROZEN. 6. SPREAD TOPSOIL TO A MINIMUM DEPTH OF 6 INCHES.

ESTABLISHMENT

. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING.

2. APPLY SEED AT THE RATE OF 30 LB. PER ACRE. SEED SHALL BE SEED MIX NO. 7, FIGURE 6-3 OF THE GUIDELINES, CONSISTING OF 15 LB. OF SMOOTH BROMEGRASS, 5 LB. OF PERENNIAL RYEGRASS AND 10 LB. BIRDS-FOOT TREFOIL WITH INOCCULANT

3. APPLY SEED AT THE RATE INDICATED BY BROADCASTING, DRILLING OR HYDRAULIC APPLICATION.

4. COVER GRASS AND LEGUME SEEDS WITH NOT MORE HAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.

5. MULCH IMMEDIATELY AFTER SEEDING.

6. SUBSTITUTIONS OF EQUIVALENT SEED MIXTURES MUST BE APPROVED.

TEMPORARY VEGETATIVE COVER

1. TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL SLOPES AND AREAS THAT HAVE BEEN DISTURBED AND WHERE FINAL GRADING HAS BEEN COMPLETED AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS.

2. PREPARE AREA IN ACCORDANCE WITH FORM 816 AND HE GUIDELINES. REMOVE LOOSE ROCK AND STONE.

3. SEED WITH PERENNIAL RYEGRASS AT THE RATE OF 40 LBS. PER ACRE. SEED ONLY WHEN THE SOIL CONDITIONS ARE FAVORABLE.

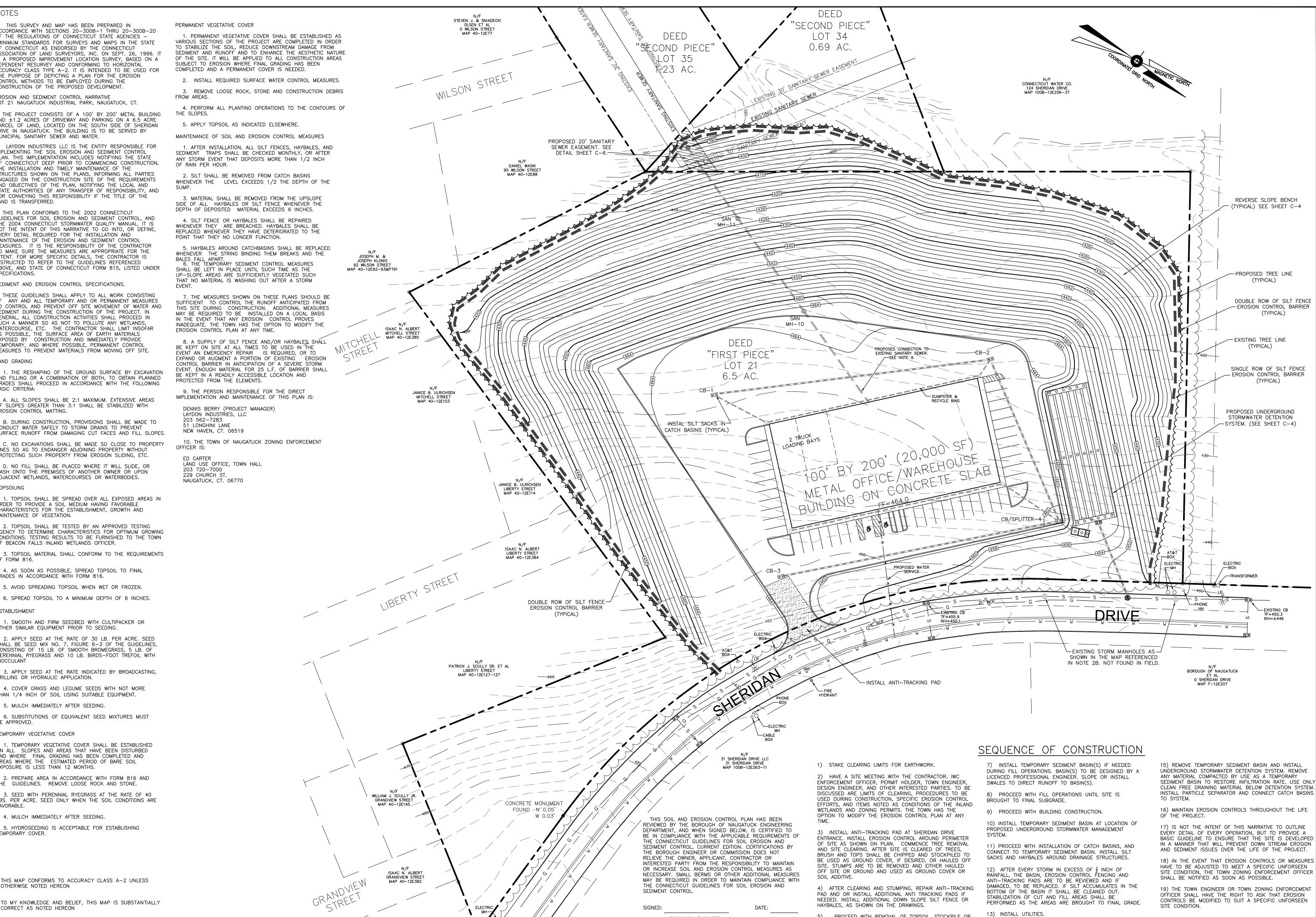
4. MULCH IMMEDIATELY AFTER SEEDING.

5. HYDROSEEDING IS ACCEPTABLE FOR ESTABLISHING TEMPORARY COVER.

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TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON

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BOROUGH ENGINEER

\_\_\_ COMMISSION

NAUGATUCK \_\_\_\_

33 SHERIDAN DRIVE LL

MAP 100C-12E374-20

PROCEED WITH REMOVAL OF TOPSOIL. STOCKPILE OR

14) WHEN BUILDING IS SUBSTANCIALLY COMPLETE, INSTALL

PARKING LOT SUBGRADE AND BASE COURSE.

REMOVE AS REQUIRED. IF TO BE LEFT FOR LONGER THAN

30 DAYS, SEED ALL DISTURBED AREAS WITH EROSION

CONTROL MIX AND COVER WITH MULCH.

6) BEGIN DEPOSITION OF FILL MATERIAL.

REVERSE SLOPE BENCH

-PROPOSED TREE LINE

(TYPICAL)

-EXISTING TREE LINE

(TYPICAL)

DOUBLE ROW OF SILT FENCE

-EROSION CONTROL BARRIER

(TYPICAL)

SINGLE ROW OF SILT FENCE

(TYPICAL)

- EROSION CONTROL BARRIER

PROPOSED UNDERGROUND

STORMWATER DETENTION

-SYSTEM. (SEE SHEET C-4)

O SHERIDAN DRIVE MAP F-12E2O7

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DRAWING NO.

SCALE: 1"=40'

DATE: 9-18-18

JOB NO.: 4246B

TYPICAL) SEE SHEET C-4

# STORMWATER MANAGEMENT SYSTEMS INSTALLATION AND MAINTENANCE

SECTION NUMBERS REFER TO THE 2004 CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION STORMWATER QUALITY MANUAL (S.Q.M.).

All work and procedures described in these notes shall conform to this manual. Any deviations, substitutions etc. shall be done only with the consent of the Wetlands Enforcement Officer or his designated representative.

# UNDERGROUND INFILTRATION SYSTEMS SECTION 11-S12-1

Install per plan location according to manufacturers specifications See details on this sheet.

2) Before site work begins, rope off the ststem area to exclude traffic, storage etc. and other activities on site. Every effort should be made to minimize the amount of unnecessary compaction in this area. No machinery larger than a rubber tired backhoe is to operate within the system area to minimize compaction.

3) Rough grade per dimensions and elevations on this sheet. Bottom of system to be constructed level.

4) Rake or scarify the sides and bottom of the system after excavation is completed to restore the infiltration rate.

5) Install crushed stone per detail as soon as possible after excavation, 6" below system.

6) Inspect system after every major (0.5" or more) storm event for the first 6 months of operation. Assess all of the components to insure that the system is functioning as planned. Check depth of water at storm events and the time required for the system to empty out. The system should drain within 24 to 48 hours. Identify the problem areas for possible re-design and modification. Once the system and its components are determined to be operating as designed, inspection and cleaning should take place twice a year; once in late autumn to remove leaves, and once in early spring to remove any accumulated road sand before heavy spring rains can re—suspend particles and flush them through

DEEP SUMP CATCH BASINS WITH HOODS SECTION 11-S3-1

1) Install per plan location.

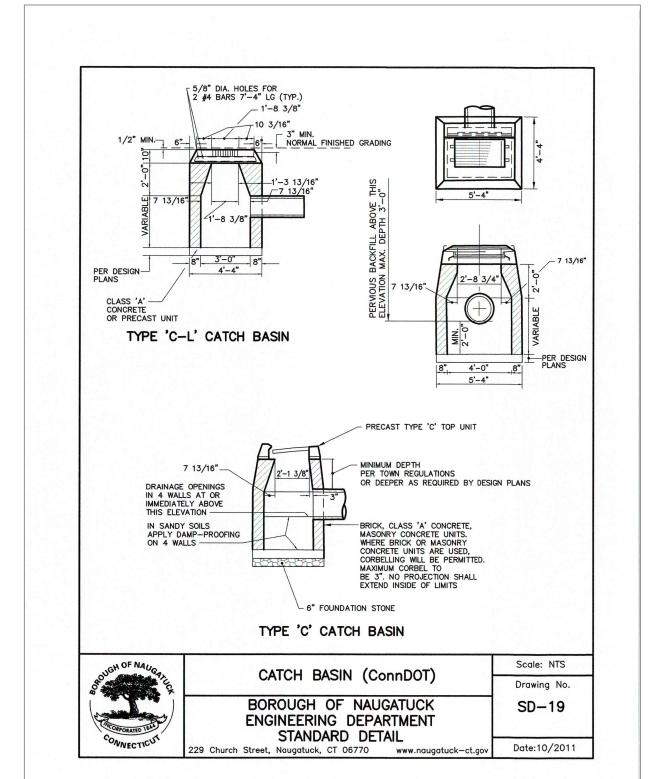
the system.

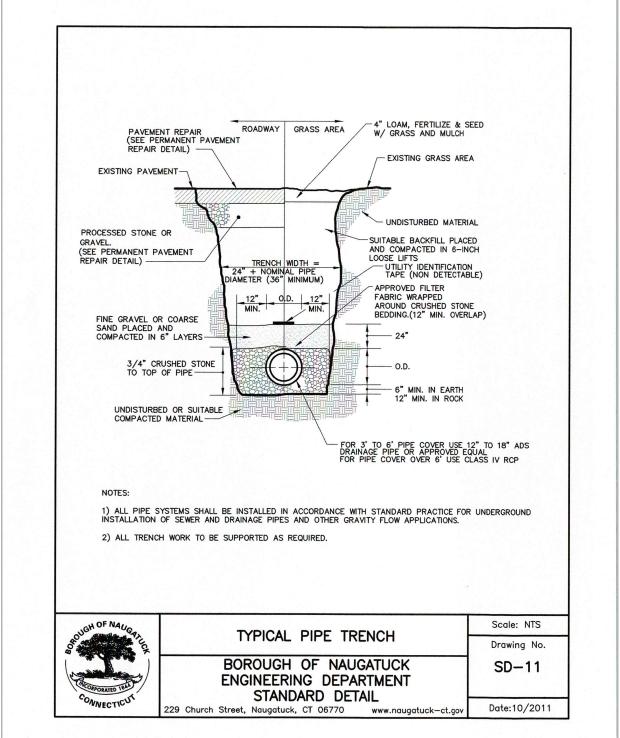
2) Install silt sack under grate. Inspect after all storm events. Replace as necessary. Remove when construction is completed and site is stabilized.

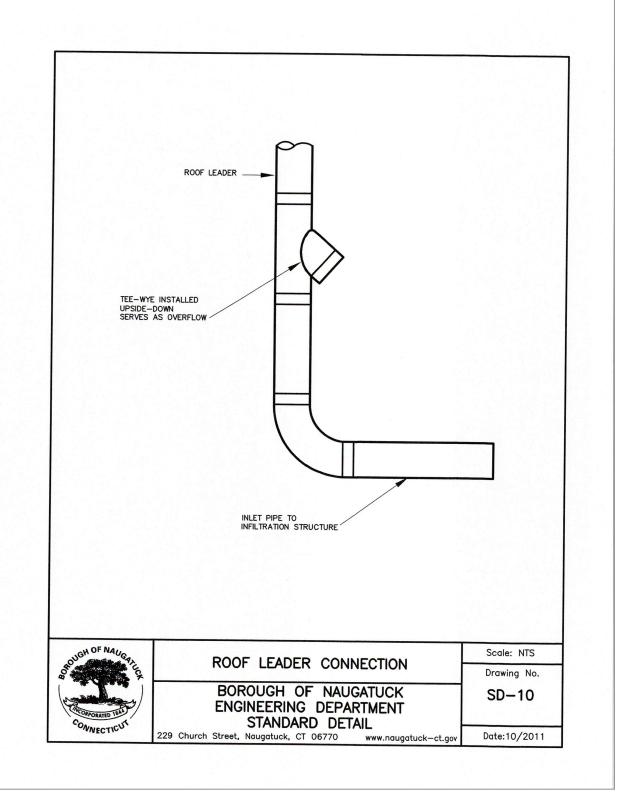
3) Inspect once a year in early spring after road sanding is finished and clean if necessary before heavy spring rains can re—suspend particles and flush through

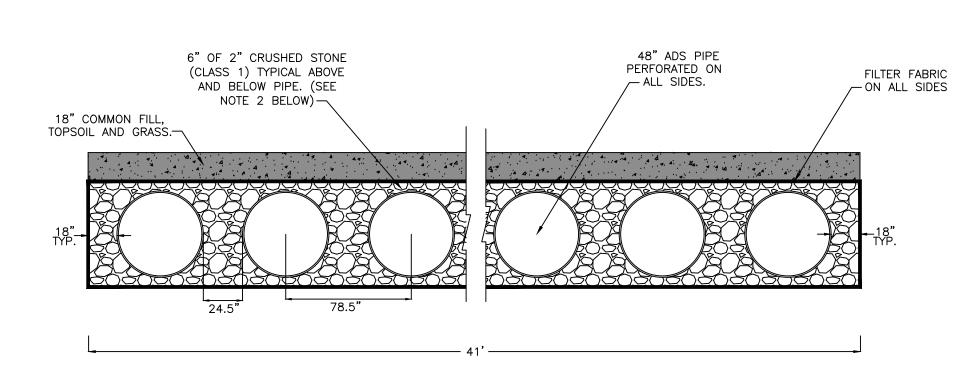
4) Check outlet pipe. Clean or repair as required.

5) Remove leaves and debris from grate at any time this is observed.



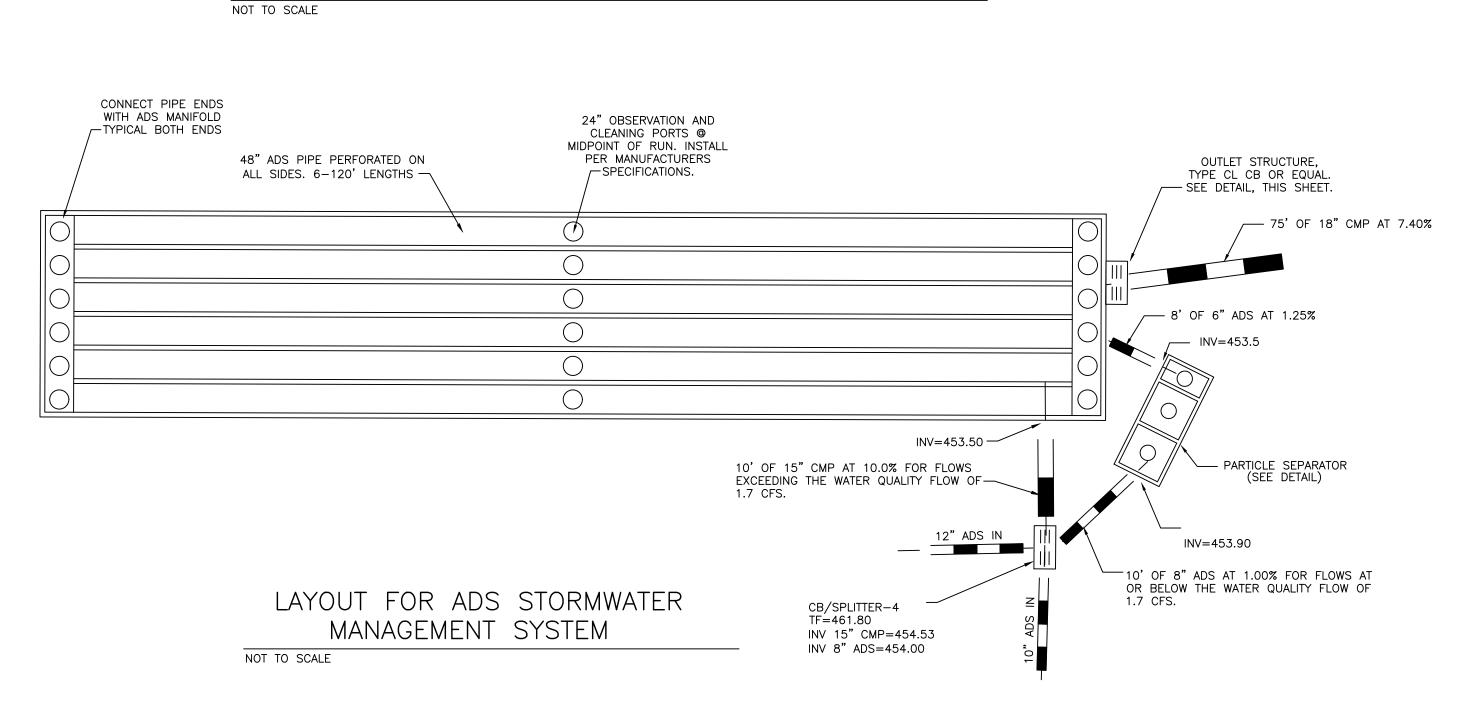


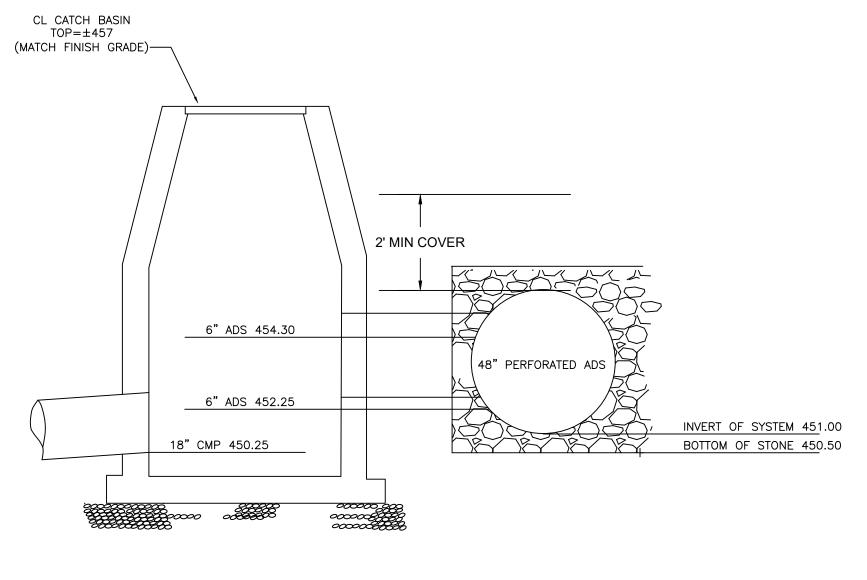




1. SPECIFICATIONS TAKEN FROM ADS INC. DRAINAGE HANDBOOK, FIG 6-2 AND TABLE 6.2. INSTALLATION OF SYSTEM TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE ADS STANDARDS.

SITE UNDERGROUND STORMWATER MANAGEMENT SYSTEM

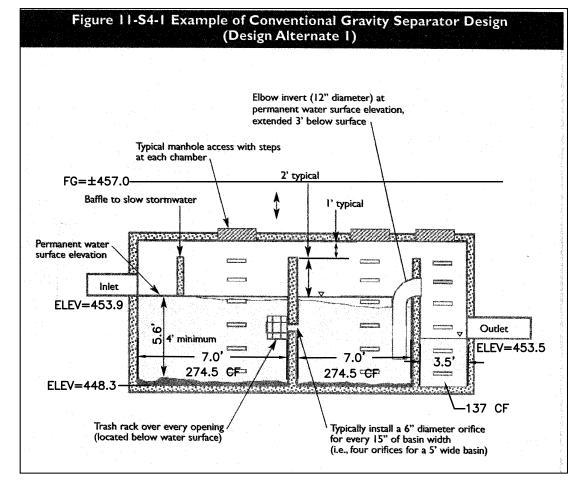




OUTLET STRUCTURE DETAIL

NOT TO SCALE





1. SEE SITE PLAN FOR LOCATION AND ORIENTATION. INTERIOR WIDTH TO BE 7.0'.

2. TANK TO BE CONSTRUCTED OF CONCRETE BLOCK AND MORTAR, OR PRECAST CONCRETE.

PARTICLE SEPARATOR DETAIL NOT TO SCALE

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K INDUSTRIAL PARK HERIDAN DRIVE TUCK, CT. 06762

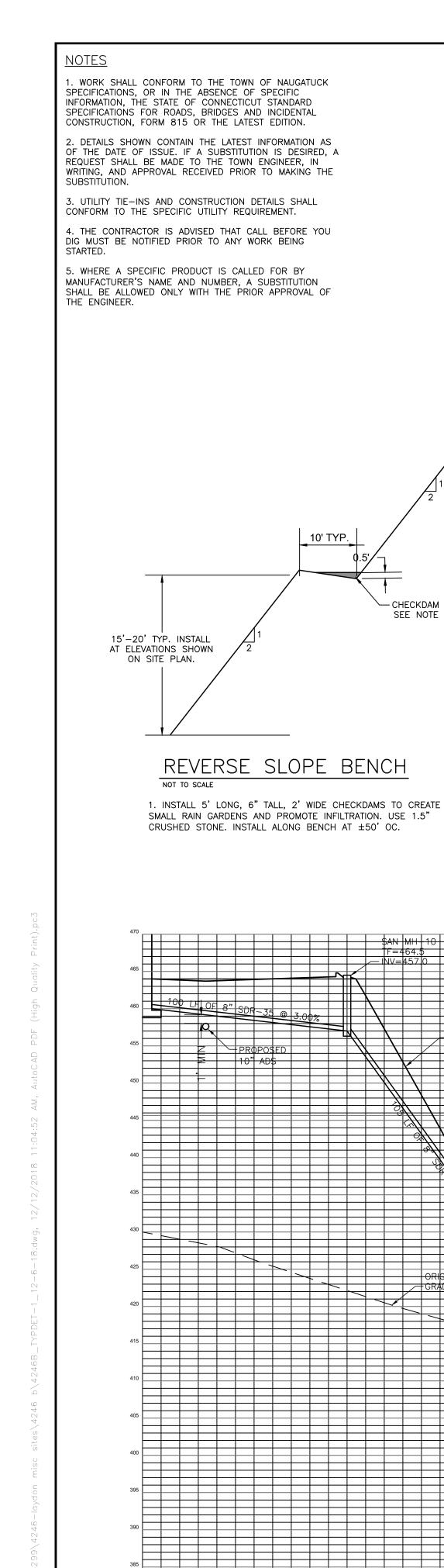
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C-4

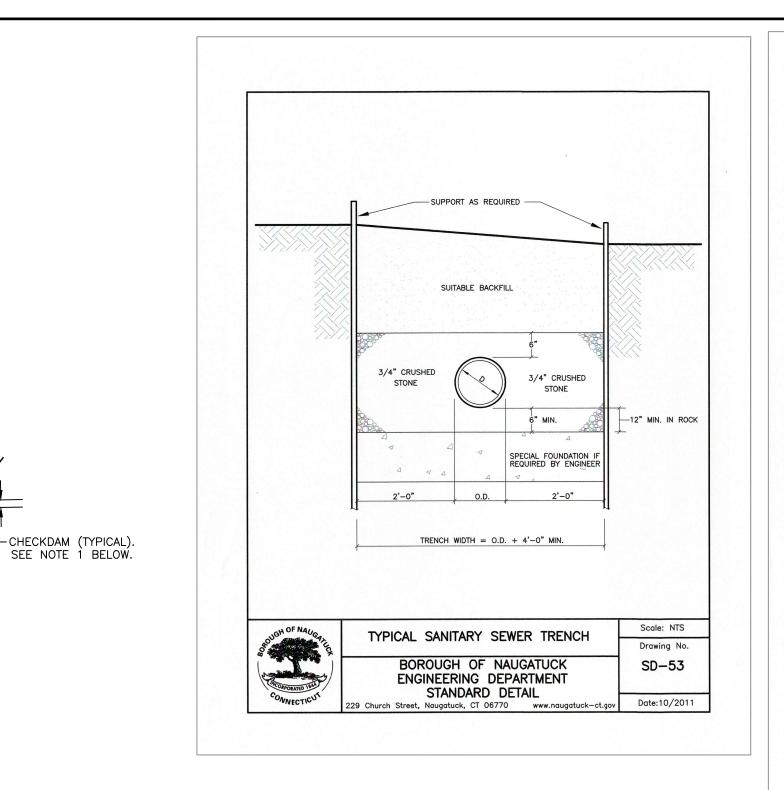
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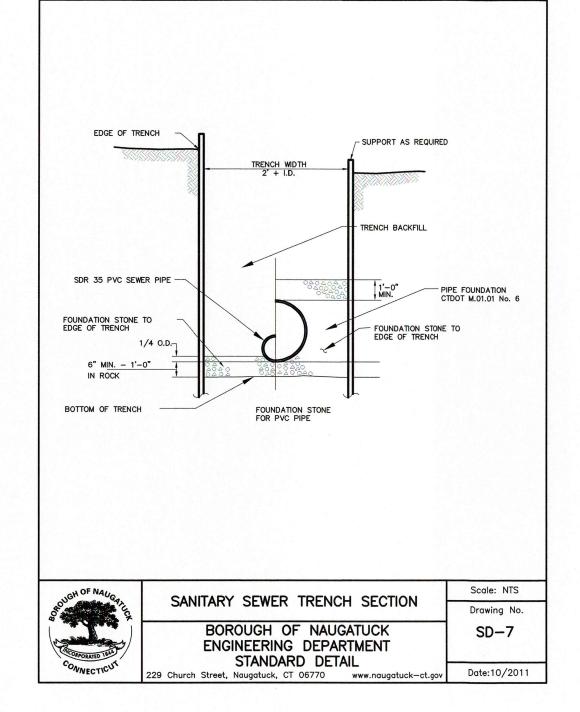
SCALE: 1"=40' DATE: 9-18-18 JOB NO.: 4246B

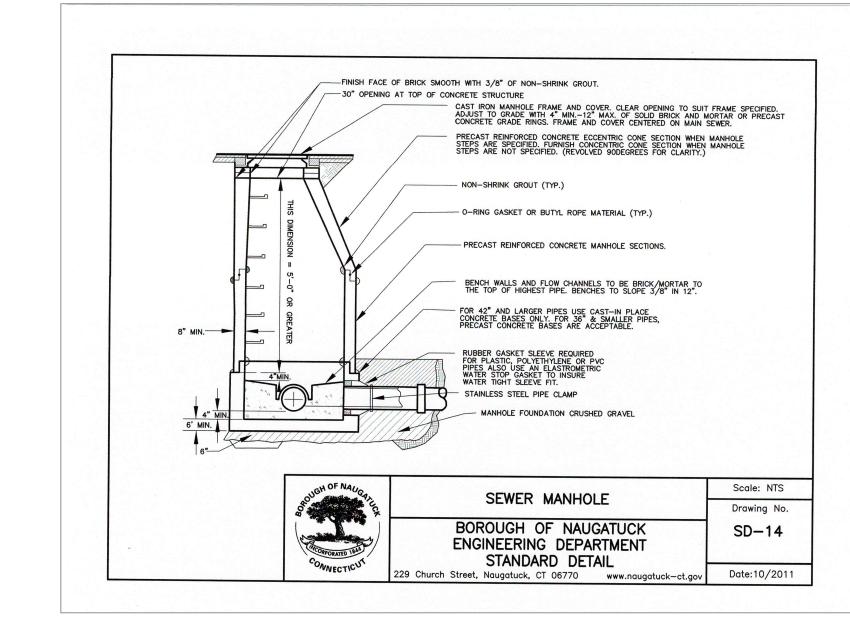


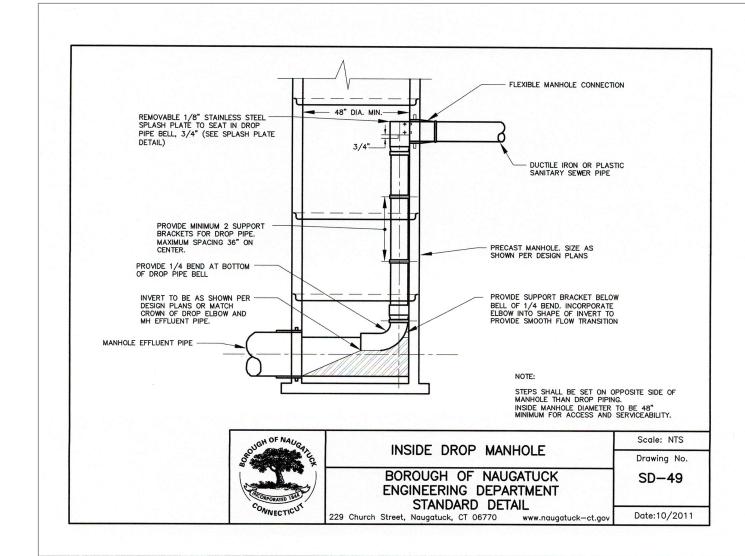
-CHECKDAM (TYPICAL).

SEE NOTE 1 BELOW.









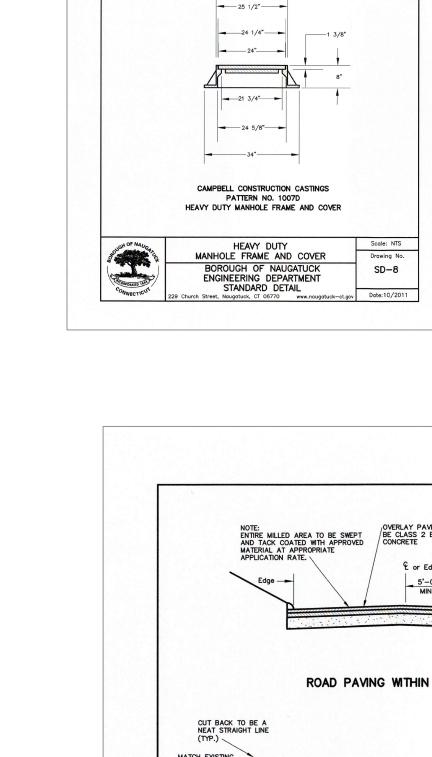
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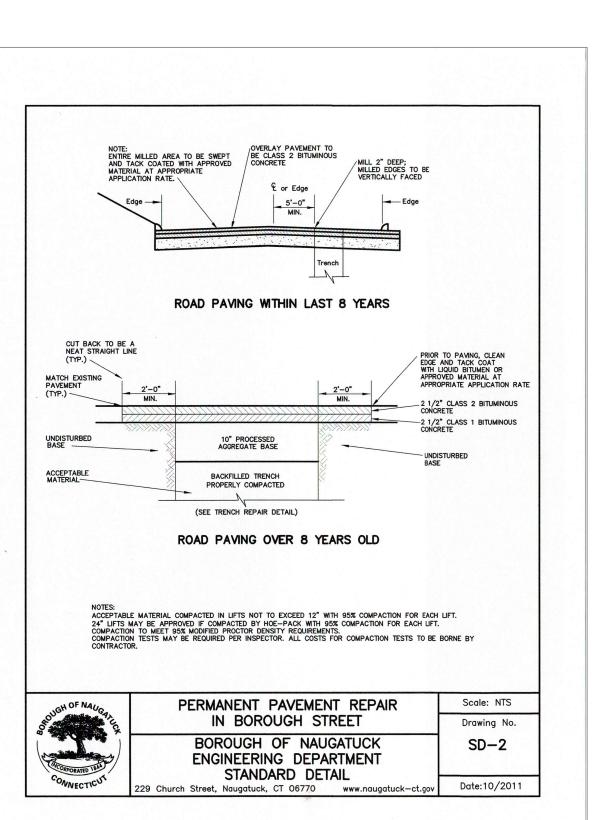
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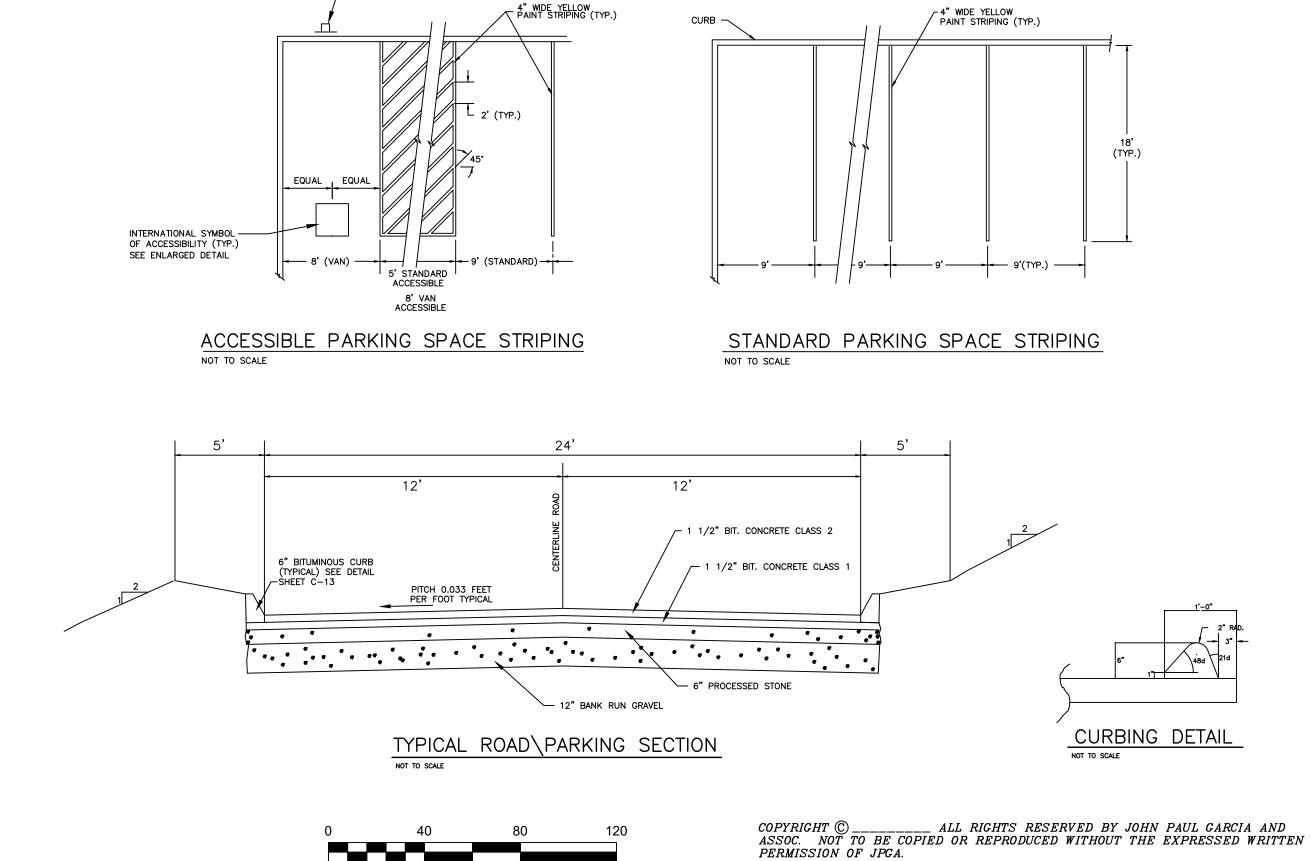
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SANITARY MH

TF=388.7 (MAP)





SIGN FOR VAN ACCESSIBLE SPOTS. SEE A.D.A. STANDARDS \_\_\_SECTION 4.6.4.

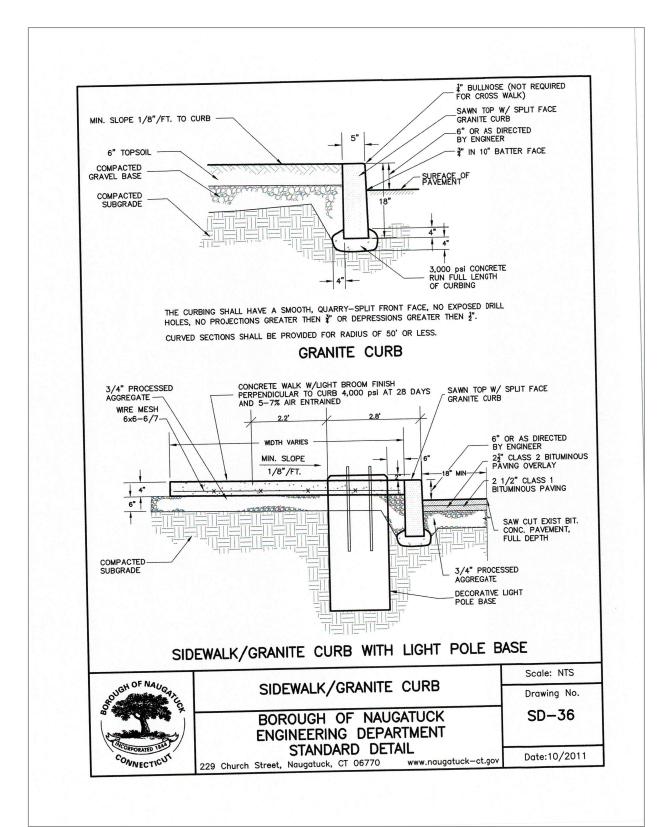
1. WORK SHALL CONFORM TO THE TOWN OF NAUGATUCK SPECIFICATIONS, OR IN THE ABSENCE OF SPECIFIC INFORMATION, THE STATE OF CONNECTICUT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 815 OR THE LATEST EDITION.

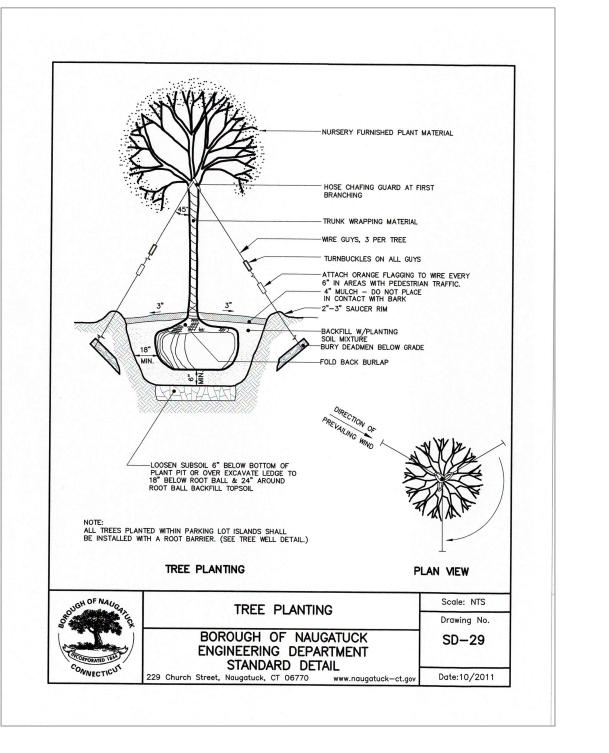
2. DETAILS SHOWN CONTAIN THE LATEST INFORMATION AS OF THE DATE OF ISSUE. IF A SUBSTITUTION IS DESIRED, A REQUEST SHALL BE MADE TO THE TOWN ENGINEER, IN WRITING, AND APPROVAL RECEIVED PRIOR TO MAKING THE SUBSTITUTION.

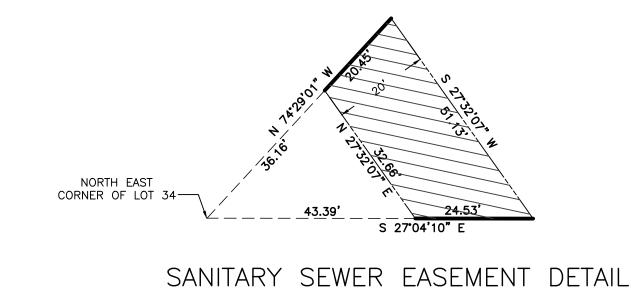
3. UTILITY TIE-INS AND CONSTRUCTION DETAILS SHALL CONFORM TO THE SPECIFIC UTILITY REQUIREMENT.

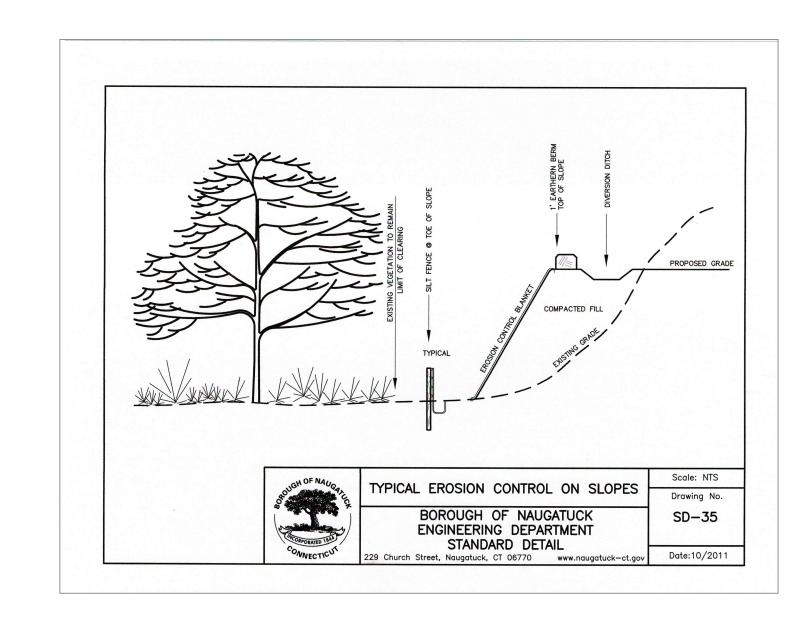
4. THE CONTRACTOR IS ADVISED THAT CALL BEFORE YOU DIG MUST BE NOTIFIED PRIOR TO ANY WORK BEING STARTED.

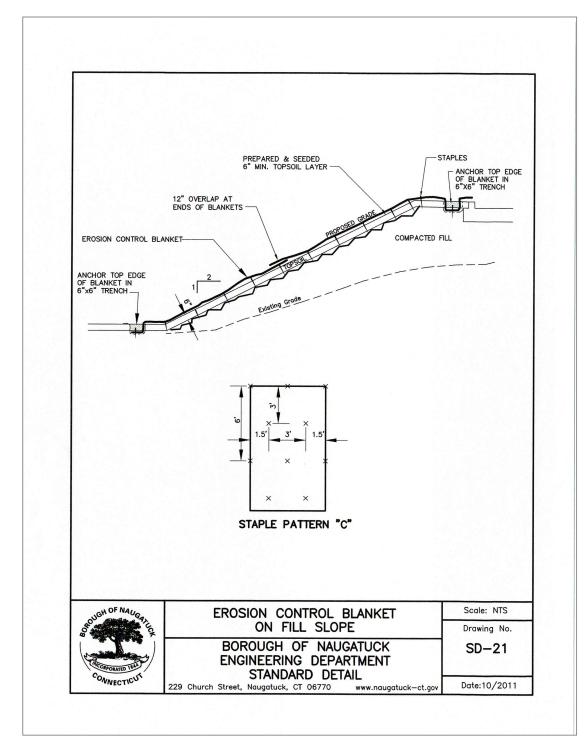
5. WHERE A SPECIFIC PRODUCT IS CALLED FOR BY MANUFACTURER'S NAME AND NUMBER, A SUBSTITUTION SHALL BE ALLOWED ONLY WITH THE PRIOR APPROVAL OF THE ENGINEER.

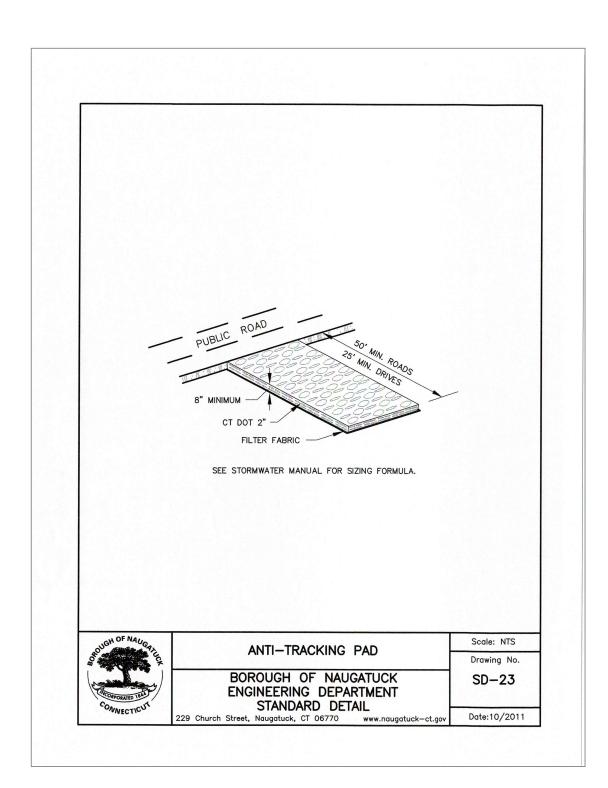


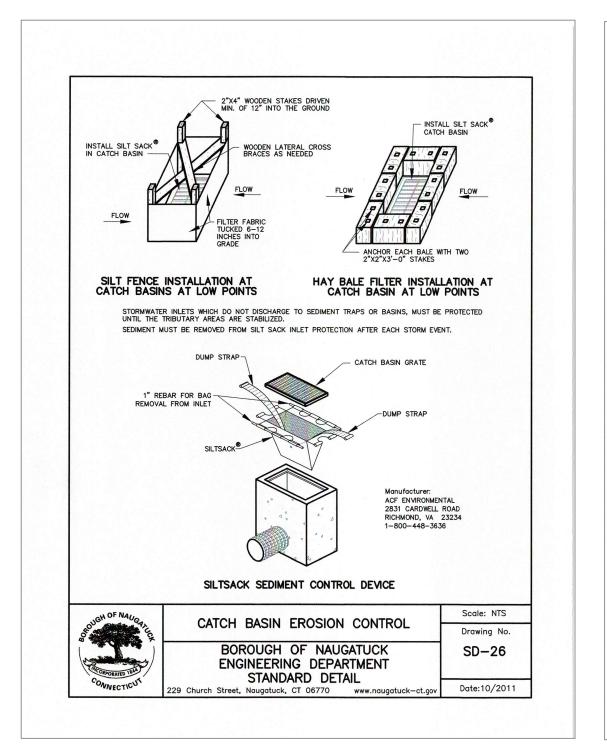


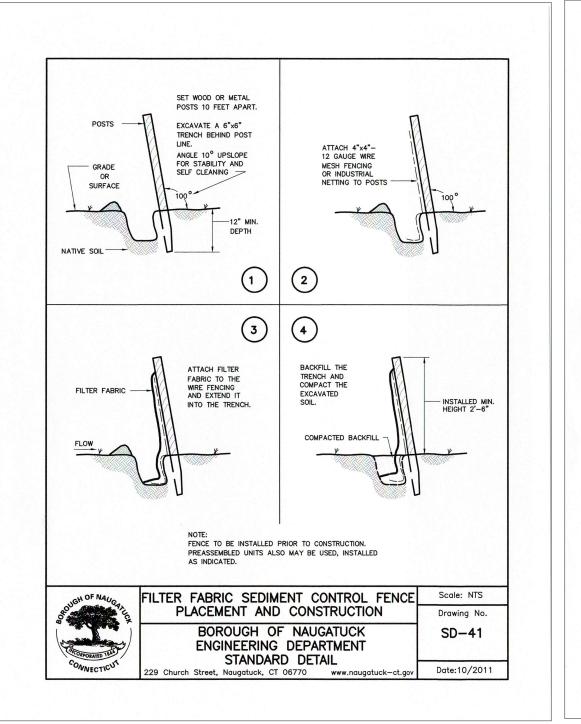


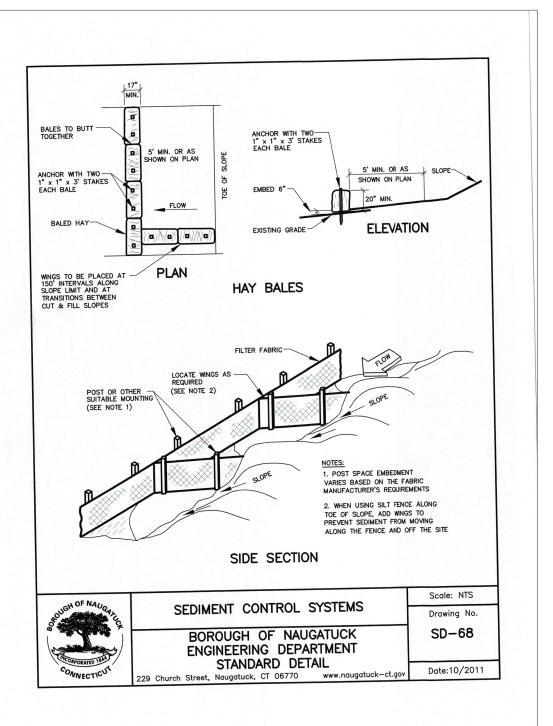












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DRAWING NO.

SCALE: 1"=40' DATE: 12-10-18 JOB NO.: 4246B