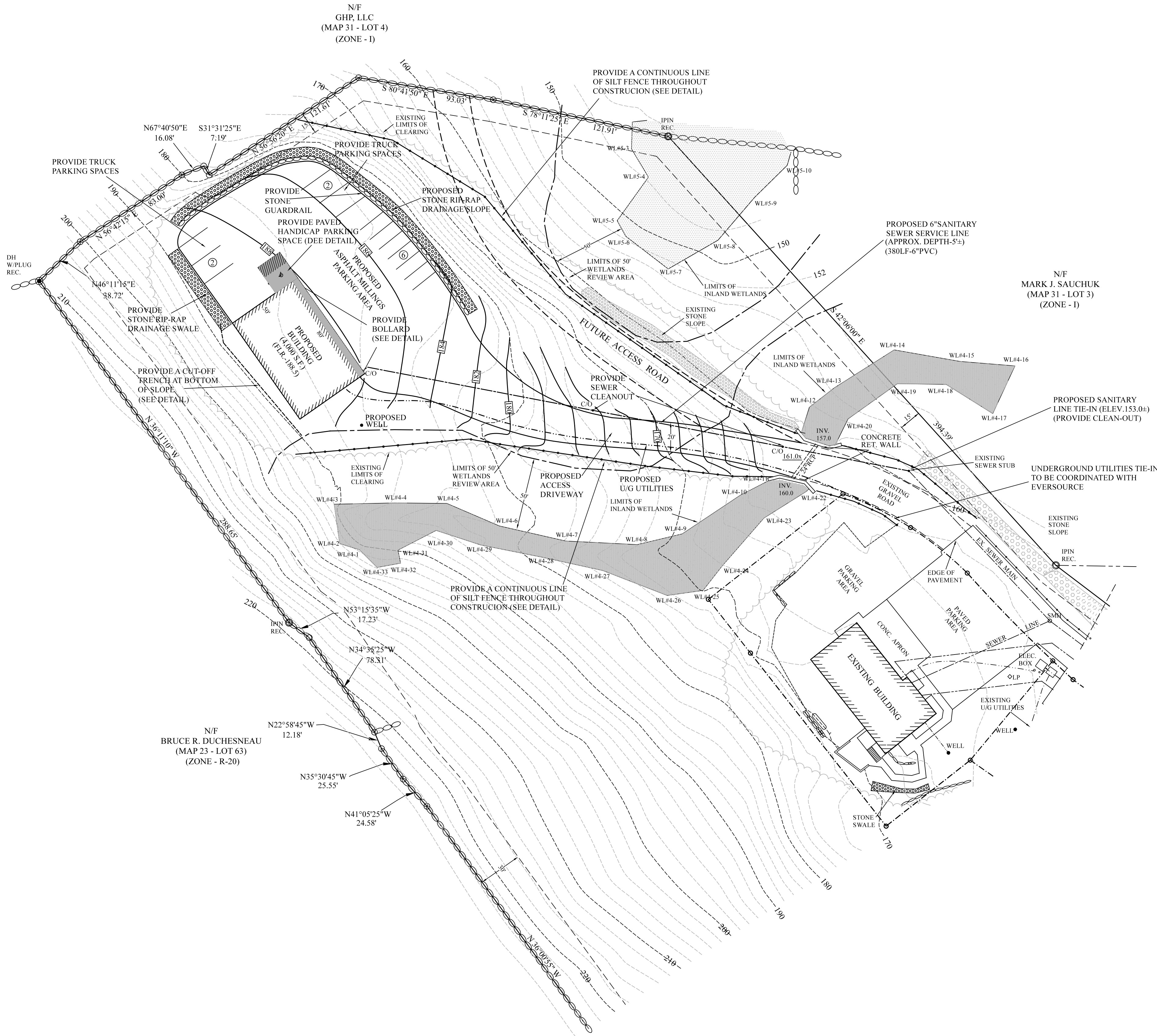


NORTH



LEGEND:

VOL.	VOLUME
PG.	PAGE
N/F	NOW OR FORMERLY
S.F.	SQUARE FEET
DH	DRILL HOLE
MON	MONUMENT
IPIN	IRON PIN
REC.	RECOVERED
NR	NOT RECOVERED
SMH	SANITARY MANHOLE
CB	CATCH BASIN
TF	TOP OF FRAME
INV.	INVERT
CL&P	CONNECTICUT LIGHT & POWER
SNET	SOUTHERN NEW ENGLAND TELEPHONE
CONC.	CONCRETE
B.C.T.C	BITUMINOUS CONCRETE LIP CURBING
RET.	RETAINING
WF#5	INLAND WETLANDS FLAG
---	EXISTING CONTOUR

APPROVED BY THE TOWN OF MONTVILLE PLANNING AND ZONING COMMISSION

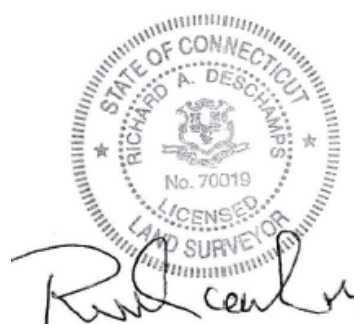
CHAIRPERSON DATE

APPROVED BY THE TOWN OF MONTVILLE INLAND WETLAND & WATERCOURSES COMMISSIONS

CHAIRPERSON DATE

ALL WORK SHALL BE COMMENCED WITHIN 5 YEARS. DATE:

SIGNATURE DATE



TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND THE EMBOSSED SEAL OF THE SURVEYOR HEREON.

RICHARD A. DESCHAMPS L.S. #70019

11/8/21
DATE

PROJECT NO.	21-135
DRAWN BY:	R.A.D.
DATE:	10/20/21
SCALE:	1"=40'
SHEET	2 OF 3
REVISIONS	
2/22	PER PLANNING COMMENTS
GRAPHIC SCALE IN FEET	

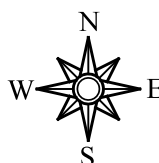
SITE DEVELOPMENT PLAN
PREPARED FOR

ADVANCED ASSOCIATES, LLC

410 & 412 MAPLE AVENUE
MONTVILLE, CONNECTICUT

EXISTING CONDITIONS & PROPOSED IMPROVEMENTS

ADVANCED SURVEYS, LLC.
30 Beechwood Blvd, Norwich, CT 06360
Phone (860) 639-8928



EROSION AND SEDIMENT CONTROL REPORT:

SITE DEVELOPMENT PLAN
PREPARED FOR
ADVANCED ASSOCIATES, LLC
410 & 412 MAPLE AVENUE
MONTVILLE, CONNECTICUT
DATE: 10/20/21

REFERENCE IS MADE TO

1. Connecticut Guidelines for Soil Erosion and Sediment Control, January 2002.
2. Soil Survey of New London County Connecticut, U.S.D.A. Soil Conservation Service 1983.

DEVELOPMENT

Proposed is the constuction of a 4,000 s.f. steel building with garage and office space. The access drive and parking area will have a asphalt millings surface. The site will be serviced by an onsite sewer line and well and the utilities will be installed underground.

DEVELOPMENT SCHEDULE

It is anticipated that grading and construction activities will begin as soon as approvals are obtained and will be finished as required.

SEQUENCE OF CONSTRUCTION:

1. Install erosion and sediment control structures.
2. At this point work can begin on the project.
Strip and stockpile topsoil and protect as required.
3. Install the proposed building.
4. Install sewer line, well and underground utilities.
5. Grade and surface access drive and parking areas as shown.
6. Grade all disturbed areas, loam & seed.
7. Remove all erosion and sediment control.

DEVELOPMENT CONTROL PLAN

Prior to the commencement of operations in accordance with any permit issued by the Town of Montville, the owner (Advanced Associates, llc) shall install all erosion and sediment control measures.

Inspection of the erosion & sediment control should be at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater.

The owner shall obtain a site inspection from the Town of Montville Enforcement Officer to ensure that all erosion and sediment control measures have been installed in accordance with this narrative. Upon certification with respect to the installation of erosion and sediment control measures, the owner may commence operations pursuant to the permit. Erosion and control devices shall be installed in accordance with the "Filter Barrier Installation & Maintenance" and "Hay Bale Installation & Maintenance" sections of this narrative hereinafter contained.

Dust control will be accomplished by spraying with water and if necessary, the application of calcium chloride.

The proposed planting schedule is to be adhered to during the planting of disturbed areas throughout the proposed construction site.

Final stabilization of the site is to follow the procedures outlined in permanent vegetative cover. If necessary a temporary vegetative cover is to be provided until a permanent cover can be applied.

During the stabilization period, all erosion and sediment control measures shall be maintained in proper working order. The Owner's representative shall be responsible for checking all erosion and sediment control measures on a twice-weekly basis during the stabilization period and after each storm event. During the stabilization period with respect to the site, any erosion which occurs within disturbed areas shall be immediately repaired, reseeded and restabilized.

Once stabilization has been completed and certification thereof obtained in writing from the Enforcement Officer of the Town of Montville, erosion and sediment control measures shall be removed by the Contractor.

FILTER BARRIER INSTALLATION & MAINTENANCE:

1. Dig a 6" trench on the uphill side of the barrier location.
2. Position the posts on the downhill side of the barrier and drive the post 1.5 feet into the ground.
3. Lay the bottom 6" of the fabric in the trench to prevent undermining and backfill.
4. Inspect and repair barrier after heavy rainfall.
5. Sediment deposits are to be removed when they reach a height of one foot behind the barrier and are to be deposited in an area which is not regulated by the Inland Wetlands Commission.
6. Inspections and necessary repairs will be made twice weekly.

HAY BALE INSTALLATION & MAINTENANCE:

1. Bales shall be placed around all proposed catch basins with the ends of the bales tightly abutting each other.
2. Each bale shall be securely anchored with at least 2 stakes and gaps between bales shall be wedged with straw to prevent water from passing between the bales.
3. Inspect bales after each storm and repair or replace promptly as needed. Remove sediment behind the bales when it has reached half the height of the bale and deposit in an area which is not regulated by the Inland Wetlands Commission.
4. Inspections and necessary repairs will be made twice weekly.

TEMPORARY VEGETATIVE COVER:

A temporary seeding of Rye Grass will be completed within 15 days of the formation of stockpile(s). If the soil in the stockpiles has been compacted by construction operations it shall be loosened to a depth of 2 inches before the fertilizer, lime and seed is applied. 10-10-10 fertilizer at a rate of 7.5 pounds per 1000 s.f. and lime stone at a rate of 90 lbs. per 1000 s.f. shall be used. Rye Grass applied at a rate of 1 lb. per 1000 s.f. shall provide the temporary vegetative cover. Straw or hay, free from weeds and coarse matter shall be used at a rate of 70-90 lbs. per 1000 s.f. as a temporary mulch. Apply mulch and drive tracked equipment up and down slope over entire surface so cleat marks are parallel to the contours.

PERMANENT VEGETATIVE COVER:

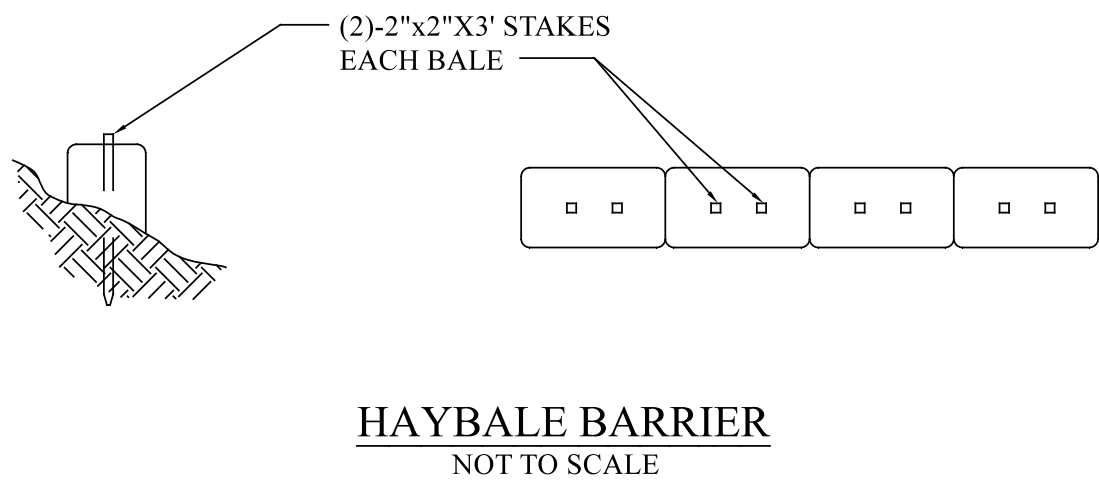
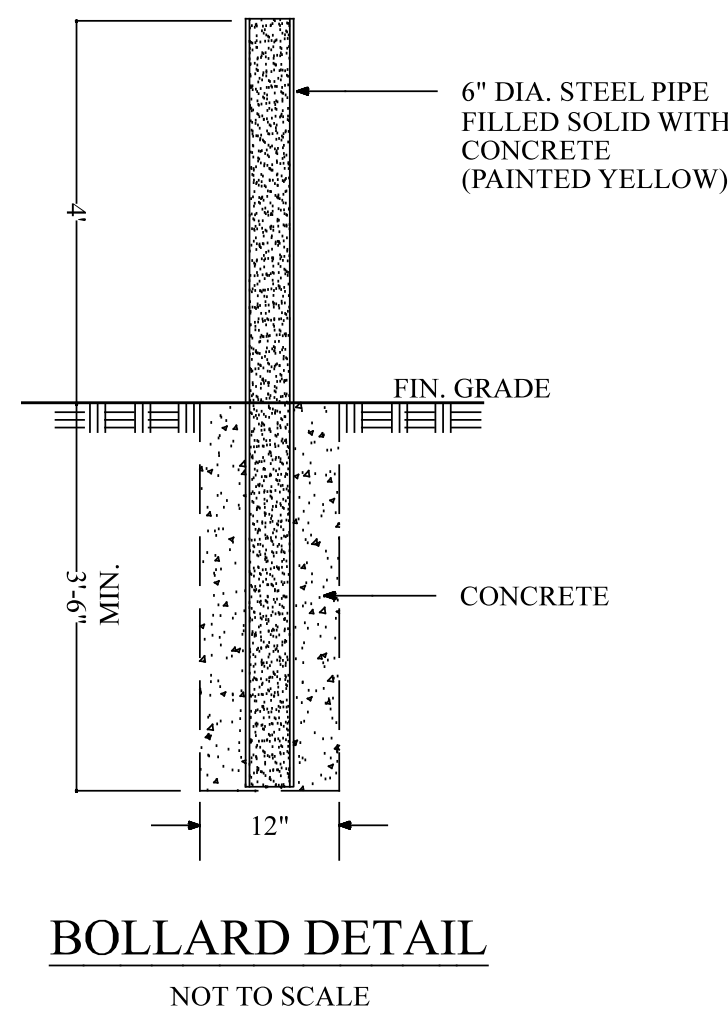
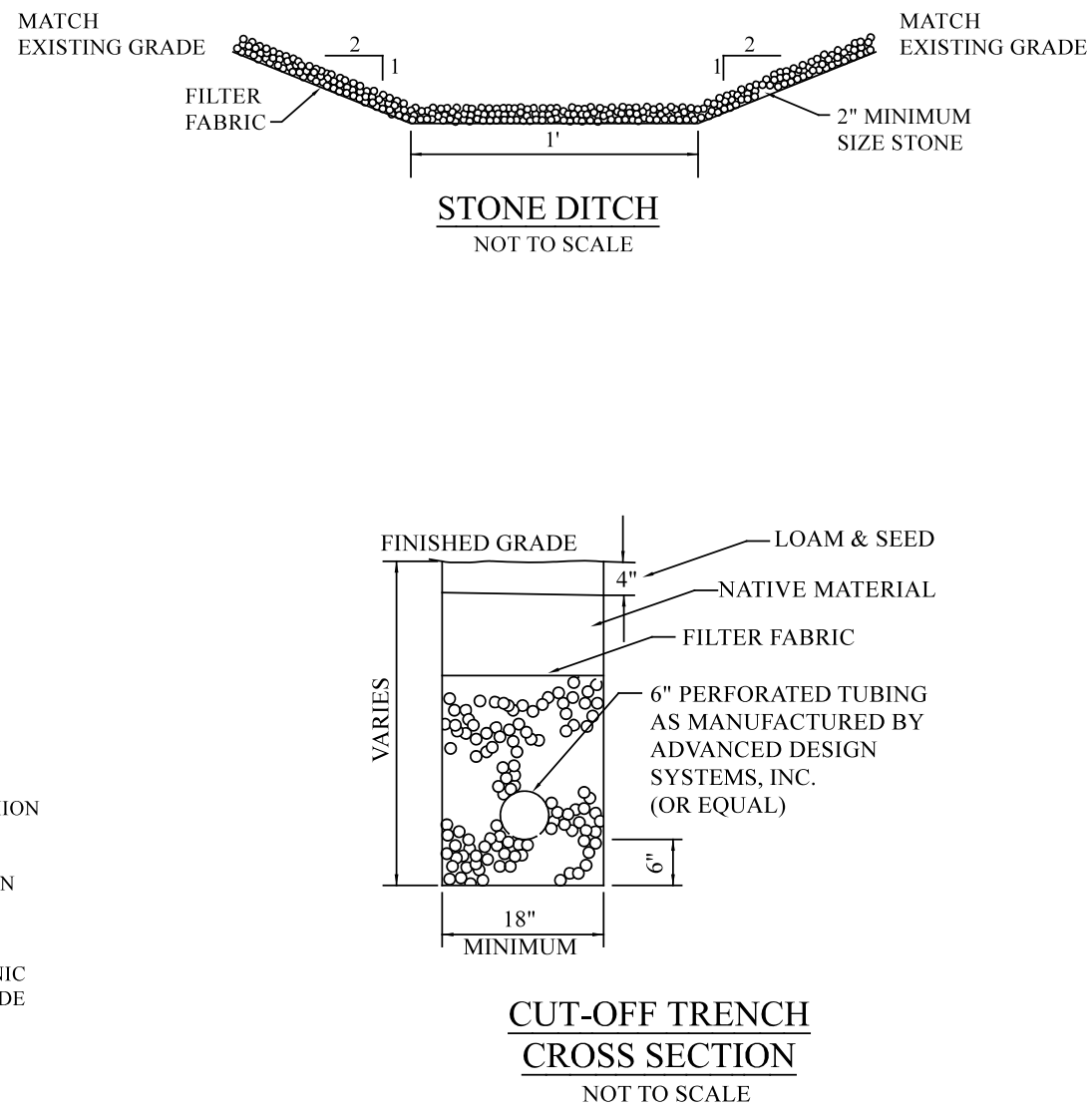
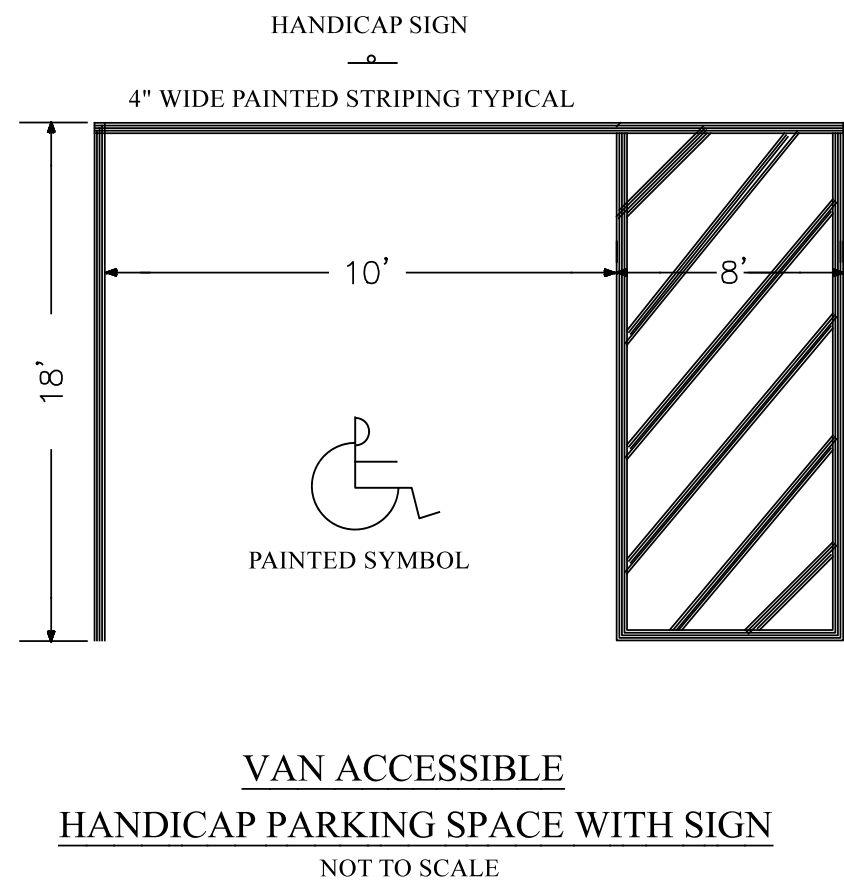
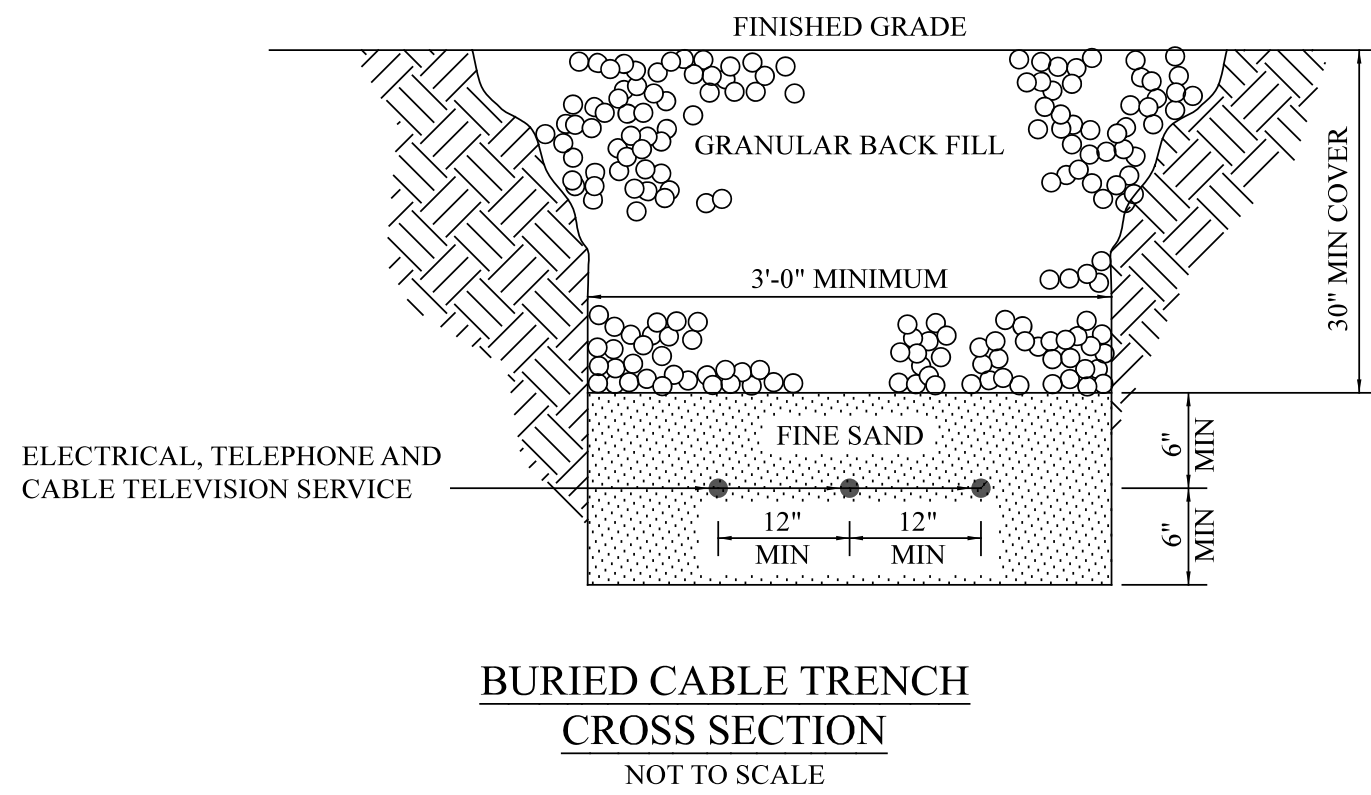
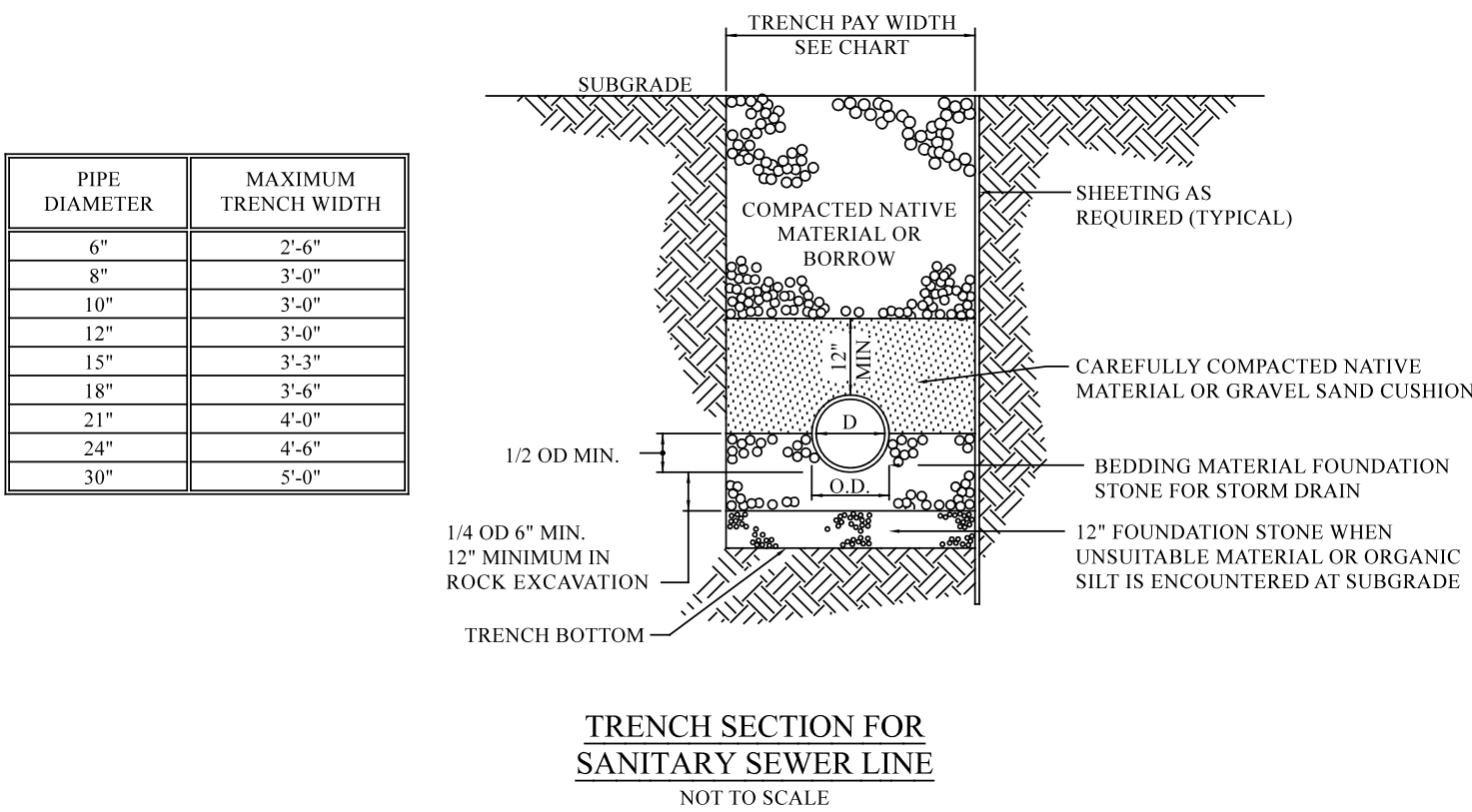
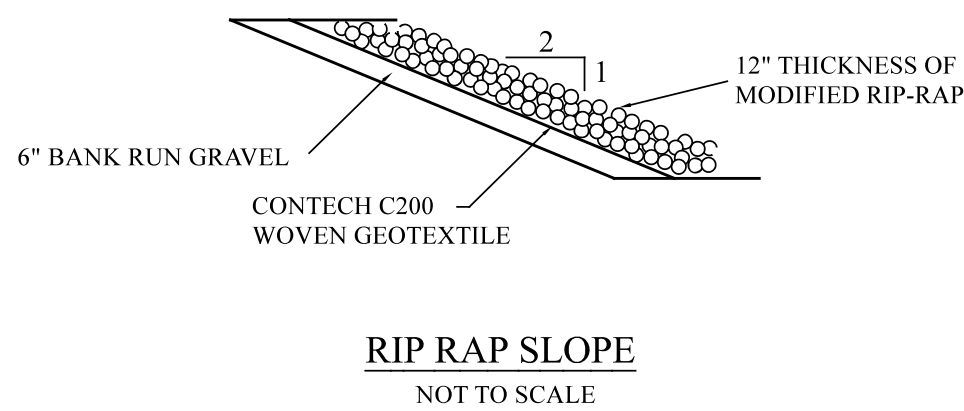
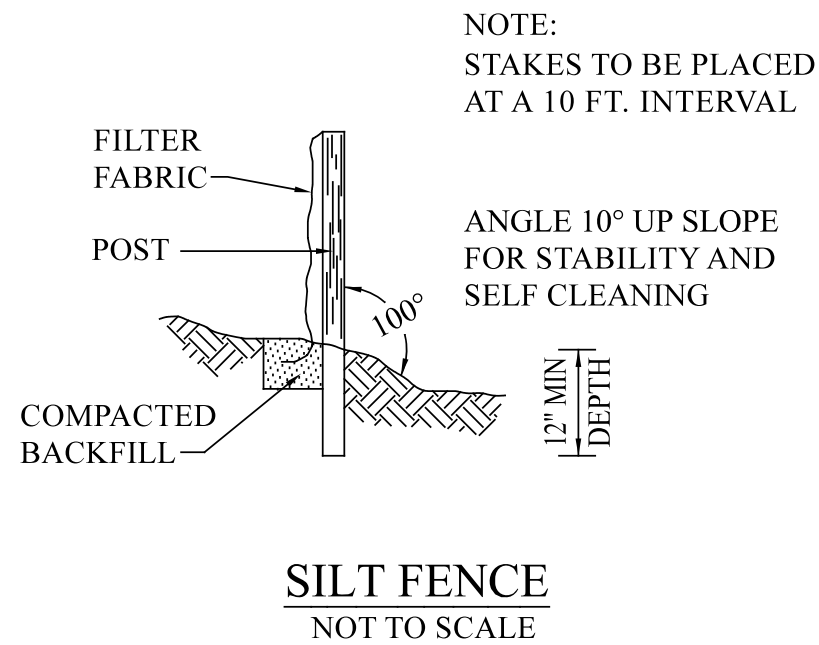
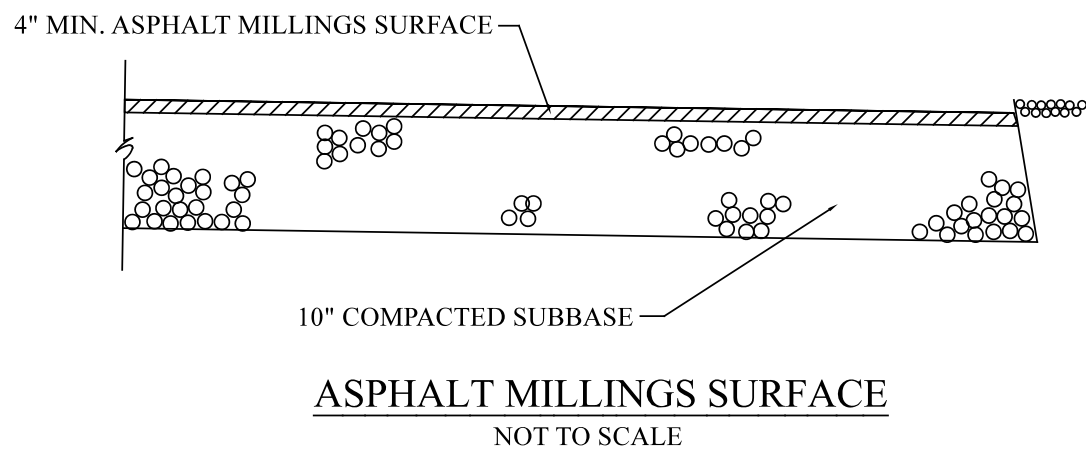
Topsoil will be replaced once the excavation has been completed and the shoulders are graded to a slope no greater than 3 to 1. Topsoil will be spread at a minimum compacted depth of 4 inches. Once the topsoil has been spread, all stones two inches or larger in any dimension will be removed as well as debris. Apply agricultural ground limestone at the rate of two tons per acre or 100 lbs. per 1000 s.f. Apply 10-10-10 fertilizer or equivalent at a rate of 300 lbs. per acre or 7.5 lbs. per 1000 s.f. Work time and fertilizer into the soil to a depth of 4 inches. Inspect seedbed before seeding. If traffic has compacted the soil, retil compacted areas. Apply the following grass seed mix:

Seed Mixture	lbs./acre	lbs./1000 s.f.
Switchgrass	4.0	0.10
Big bluestem	4.0	0.10
Little bluestem	2.0	0.05
Sand lovegrass	1.5	0.03
Birds foot treefoil	2.0	0.05

The recommended seeding dates are:

April 1 - June 15 and August 1 - September 15

Following seeding, firm seedbed with a roller. Mulch immediately following seeding. If a permanent vegetative stand cannot be established by September 30, apply a temporary cover on the topsoil such as netting, mat or an organic mulch.

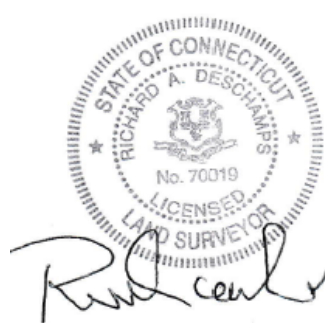


APPROVED BY THE TOWN OF MONTVILLE PLANNING AND ZONING COMMISSION

CHAIRPERSON DATE

SOIL EROSION & SEDIMENT CONTROL PLAN APPROVE BY THE PLANNING & ZONING COMMISSION

CHAIRPERSON DATE



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RICHARD A. DESCHAMPS L.S. #70019

11/8/21

DATE

PROJECT NO.	21-135
DRAWN BY:	R.A.D.
DATE:	10/20/21
SCALE:	AS NOTED
SHEET	3 OF 3

REVISIONS

2/22	PER PLANNING COMMENTS
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SITE DEVELOPMENT PLAN
PREPARED FOR

ADVANCED ASSOCIATES, LLC

410 & 412 MAPLE AVENUE
MONTVILLE, CONNECTICUT

EROSION & SEDIMENT CONTROL - DETAILS

ADVANCED SURVEYS, LLC.
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