

Town of Washington Inland Wetlands Commission

APPLICATION TO MODIFY AN APPROVED PERMIT

1. Address of Permitted Activity: 236 NETTLETON Hollow RD
2. Name of Property Owner: JOSEPH BARALTA
3. Granted Permit # IW-20-07 Approval Date: 3-11-20 Granted for: 5 years
4. Mailing Address of Property Owner: 236 NETTLETON Hollow RD
WASHINGTON, CT 06793
5. Property Owner's Phone Number: 860-619-0226 Email: JOSEPH.BARALTA@GMAIL.COM
6. Authorized Agent: MATTHEW J. GIRONDA, P.E. Letter of Authorization? Yes No
7. Agent's Phone Number: 914-277-5805 EXT. 314 Email: M.GIRONDA@BIBBOASSOCIATES.COM
8. Brief Discussion of Permitted Activity(s): MINOR ADDITIONS TO EXISTING DWELLING AND CONSTRUCTION OF NEW FLAGSTONE PATIO WITHIN 100' REVIEW AREA.

9. Per Section 8.08.b of the Inland Wetlands & Watercourses Regulations please provide on a separate sheet:
 - a. reasons for and nature of all proposed revisions
 - b. assessment of the potential increase or diminished impact to the wetlands, watercourses, and/or to the regulated area due to the proposed revision
 - c. revised site plan or map
 - d. revised sequence of construction
 - e. revised erosion and sedimentation control plan (if applicable)
 - f. any other pertinent information

10. This application must be completed in its entirety, signed by the property owner and supporting documents: 1) Attached required information, 2) Yellow Mandatory Land Use Pre-Application Form signed by the property owner, written approval from the conservation easement holder, if applicable, 3) Agent Authorization Letter, if applicable, and 4) \$60 Fee – per Section 9.01 of the Inland Wetlands & Watercourses Regulations.

The undersigned property owner consents to necessary and proper inspections of the above mentioned property by the IWC and/or its agent at reasonable times, both before and after action on this application:



Signature of Property Owner (live ink)

03-08-2021

Date

Office Use: Approved Permit: IW-20-07M Fee: \$ 60.00 Check # 1277 Date: 3-8-2021 Cash
Received by: S White Date: 3-8-2021 Scanned (by sw 03-09-2021)

The scope of the project has been revised since the previous approval, the applicant has instead decided to complete interior renovations and construct 2 small additions to the existing dwelling. Relative to the previous approval, this modification will result in a reduction of proposed land disturbance and impervious surface within the wetland review area.

The proposed house will be served by the existing Sewage Disposal System and well. Please note the existing SDS was determined to be of adequate capacity based on as-built records obtained from the town health department.

We trust the enclosed materials are sufficient for your review. Should you have any questions or require any additional information please feel free to contact our office.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew J. Gironda".

Matthew J. Gironda, P.E.
Senior Engineer/Partner

MJG/mg
Enclosures

cc: B. Ninnis (w/enclosures) (e-mail)

March 02, 2021

Town of Washington Land Use Department
Bryan Memorial Town Hall, Lower Level
PO Box 383
Washington Depot, CT 06794

Attn: Ms. Shelley White, Land Use Administrator

Re: Letter of Authorization
Baratta Residence
236 Nettleton Hollow Road
Lot # 1-6-2

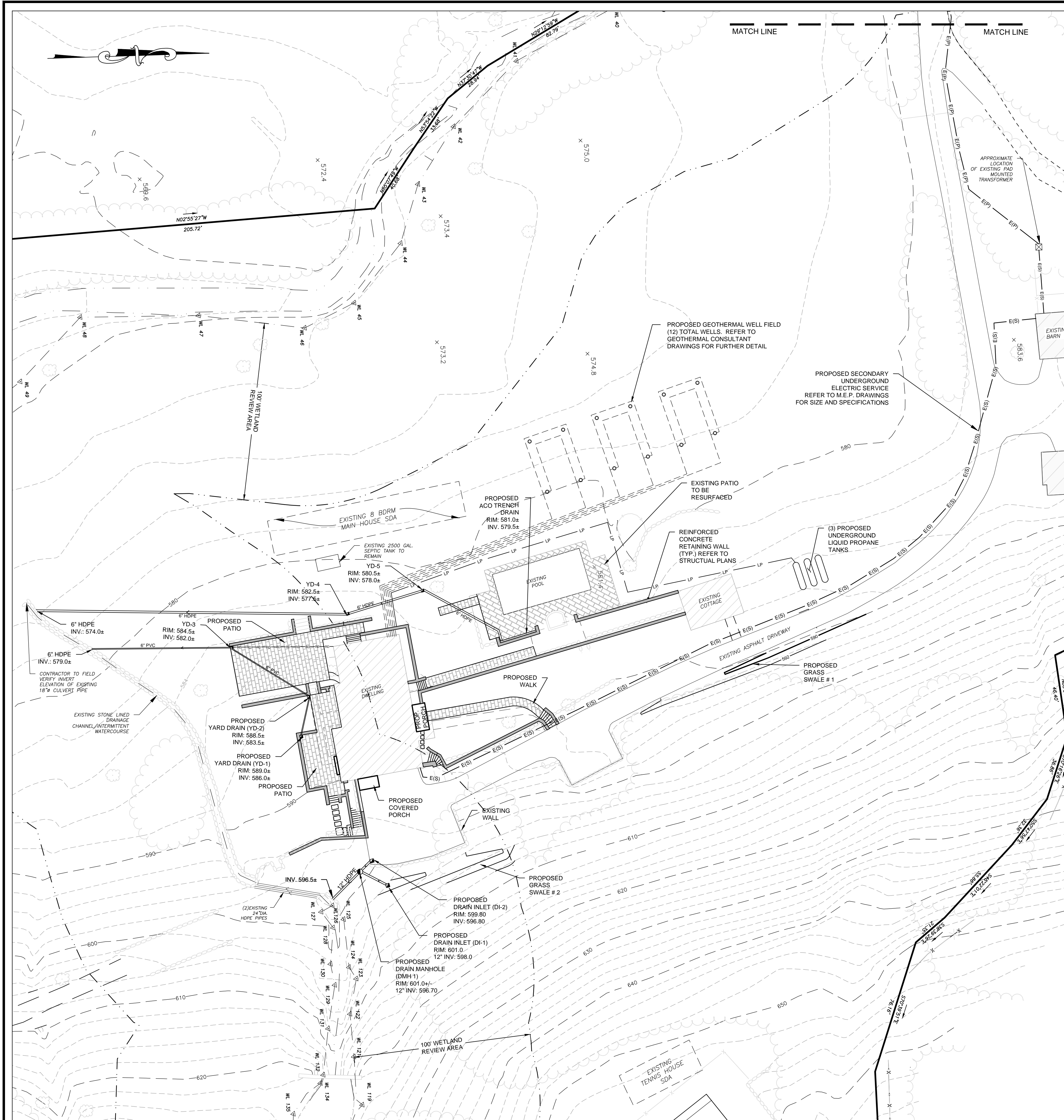
Dear Ms. White:

In connection with the proposed construction of a new Single-Family Residence at my property located at 236 Nettleton Hollow Road, I hereby authorize Bibbo Associates, LLP - Consulting Engineers to submit permit applications and provide representation at meetings with Town representatives on my behalf.

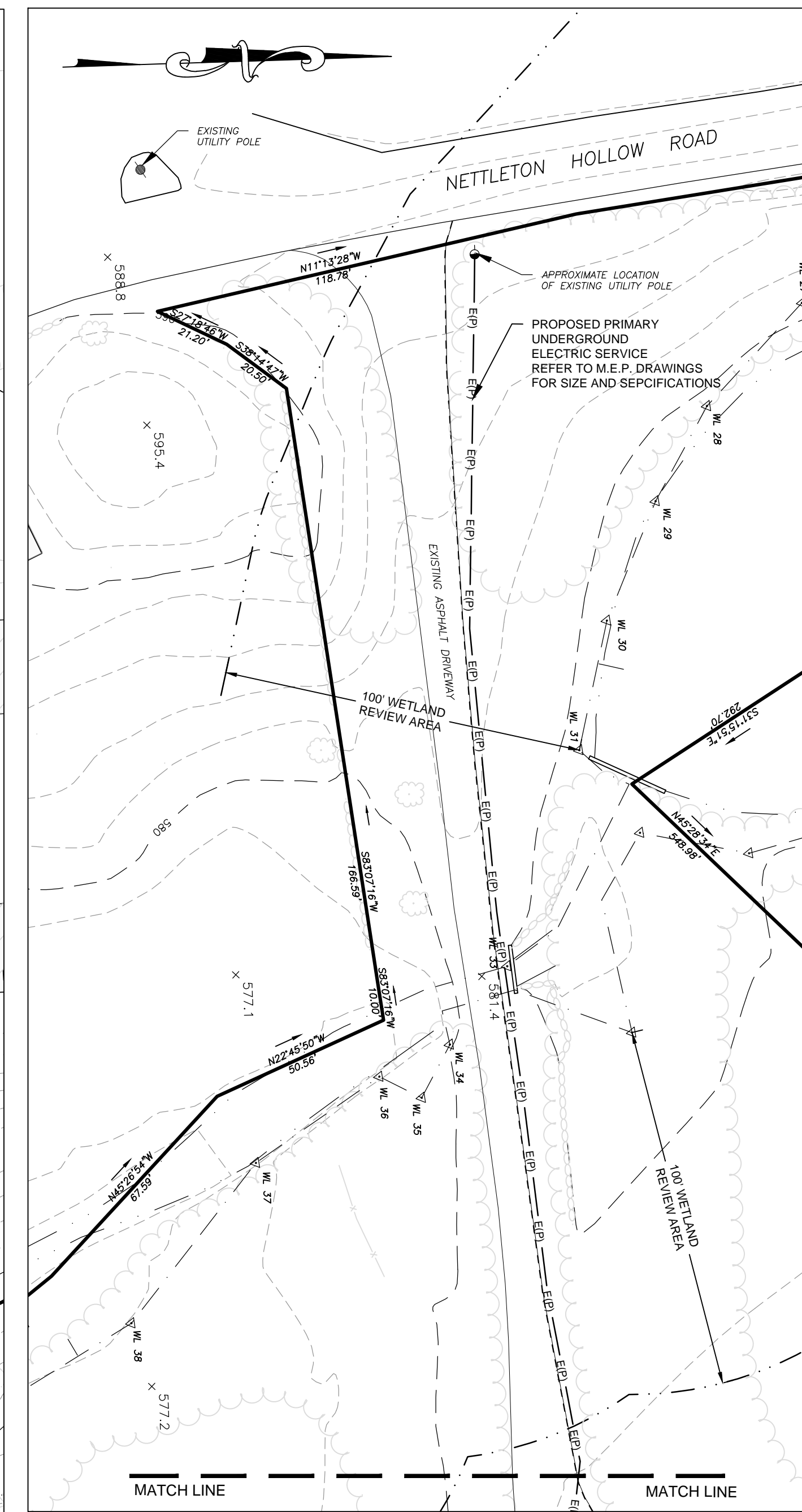
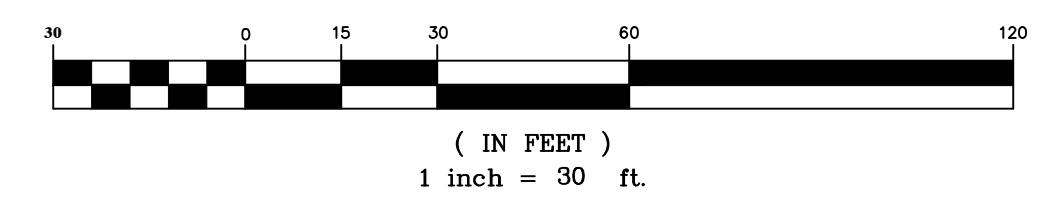
Sincerely,



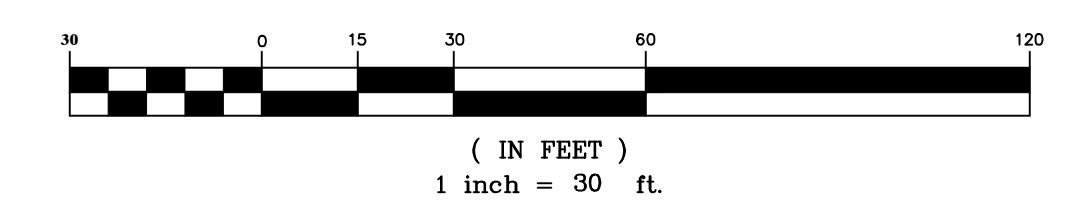
Joseph Baratta



SITE PLAN
GRAPHIC SCALE

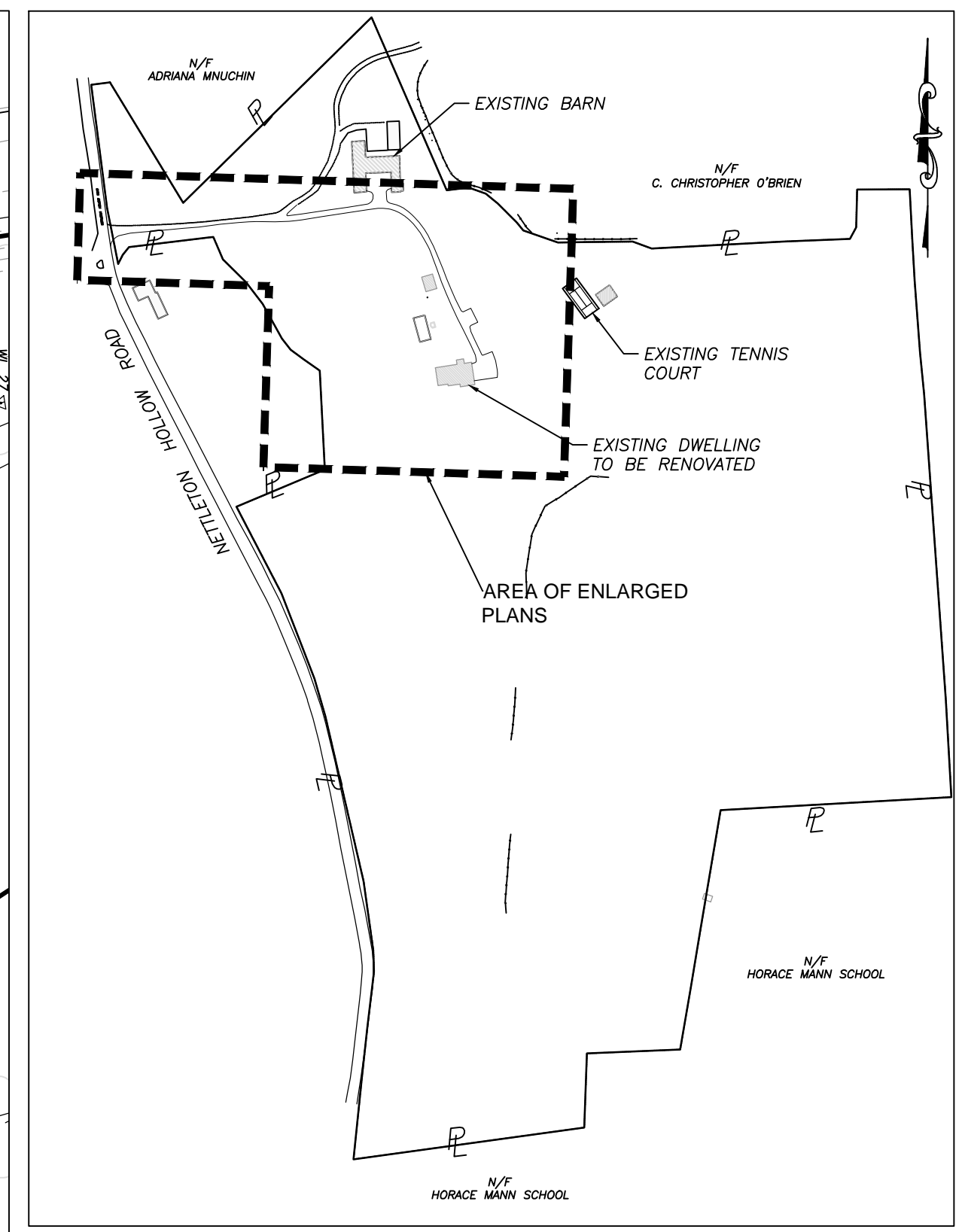


SITE PLAN
GRAPHIC SCALE



LEGEND

	EXISTING PROPERTY LINE (OVERALL MAP)
	EXISTING PROPERTY LINE (SITE PLAN)
	EXISTING 2' CONTOUR
	EXISTING 10' CONTOUR
	EXISTING WETLAND BOUNDARY
	EXISTING WATERCOURSE
	EXISTING TREELINE
	PROPOSED 6" HDPE ROOF DRAIN PIPE
	PROPOSED BURIED ELECTRIC (PRIMARY)
	PROPOSED BURIED ELECTRIC (SECONDARY)
	PROPOSED 2' CONTOUR
	PROPOSED 10' CONTOUR
	PROPOSED REINFORCED CONCRETE RETAINING WALL



OVERALL MAP
SCALE 1"=300'

GENERAL NOTES:

- EXISTING PROPERTY BOUNDARIES, SITE FEATURES, TOPOGRAPHIC INFORMATION AND WETLAND BOUNDARIES SHOWN HEREON OBTAINED FROM TOPOGRAPHIC SURVEY PREPARED BY T. MICHAEL ALEX, L.L.S. DATED DECEMBER 2019.
- EXISTING SUBSURFACE SEWAGE TREATMENT SYSTEM LOCATIONS SHOWN HEREON OBTAINED FROM SEPTIC AS-BUILT PLANS FILED ON THE TOWN OF WASHINGTON HEALTH DEPARTMENT AND PREPARED BY BRIAN E. NEFF, P.E. CONTRACTOR SHALL VERIFY THEIR LOCATION PRIOR TO EXCAVATION.
- ANY IMPORTED SOIL SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR QUALITY AND RESIDENTIAL PURPOSES.
- PRIOR TO EXCAVATION THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A MARKOUT OF ALL SUBSURFACE UTILITIES WITHIN THE WORK ZONE. THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER UPON VERIFICATION OF EXISTING UTILITY LOCATIONS TO DETERMINE IF FIELD CHANGES ARE REQUIRED.
- ANY DAMAGE TO EXISTING UTILITIES AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER/APPLICANT.
- UPON COMPLETION OF CONSTRUCTION A FINAL AS-BUILT SURVEY SHALL BE PREPARED BY A LICENSED LAND SURVEYOR AND SUBMITTED TO THE TOWN FOR FINAL APPROVAL.

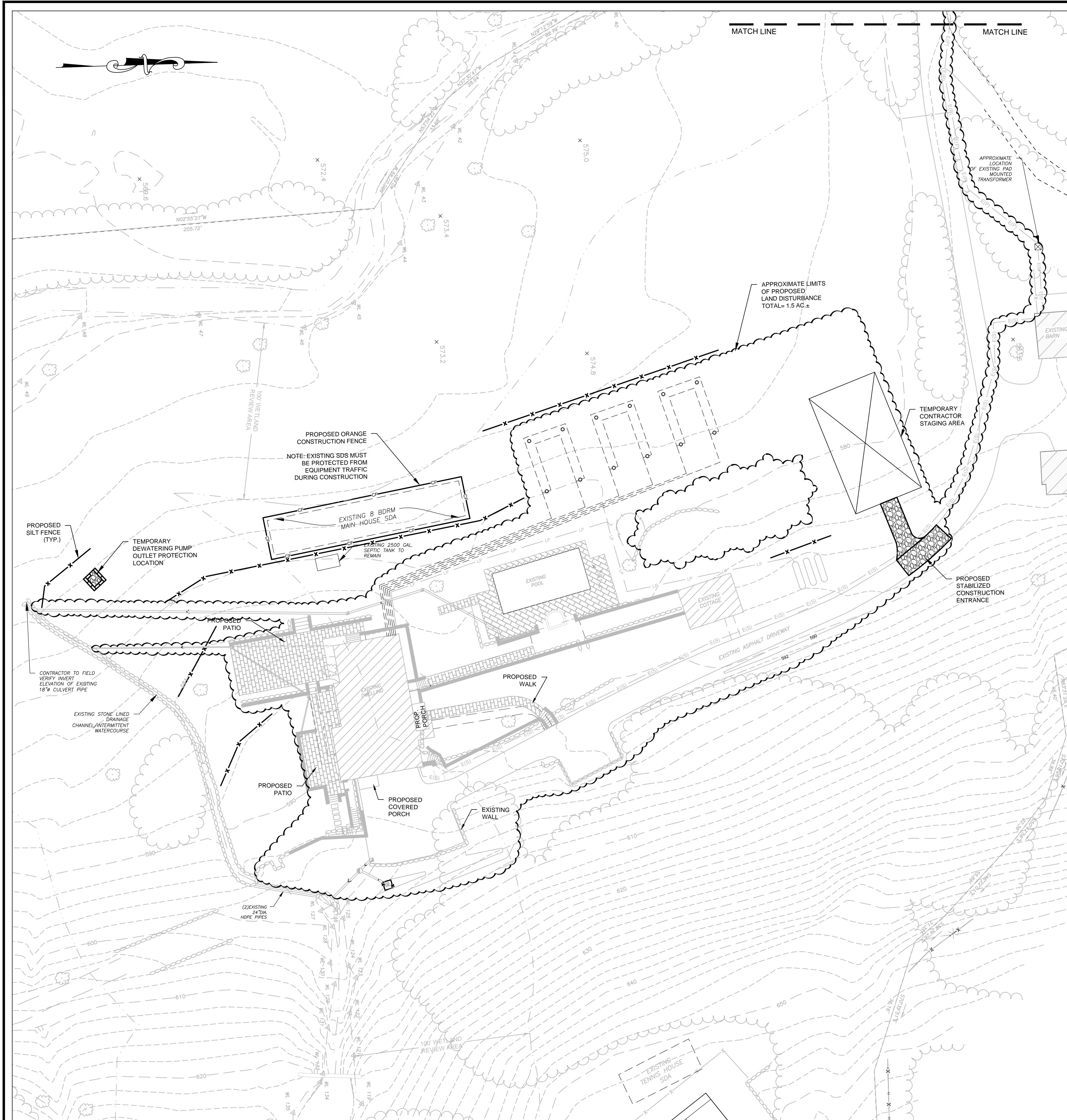
REMOVALS NOTES:

- ALL EXCESS MATERIAL AND CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL GUIDELINES.
- TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF REMOVAL OPERATIONS AND SHALL BE MAINTAINED UNTIL DISTURBED AREAS HAVE BEEN STABILIZED IN ACCORDANCE WITH THE EROSION CONTROL NOTES PROVIDED ON SHEET EC-1.
- ALL AREAS DISTURBED DURING REMOVAL OPERATIONS WHICH ARE NOT LOCATED WITHIN FUTURE BUILDING, DRIVEWAY OR HARDSCAPE AREAS SHALL BE STABILIZED WITH SEED AND MULCH IN ACCORDANCE WITH THE EROSION CONTROL NOTES PROVIDED ON SHEET EC-1.

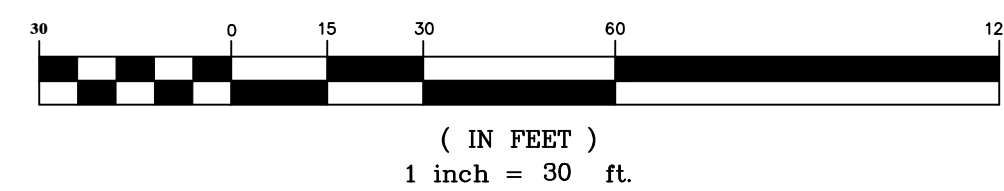
REVISIONS	DATE	DESCRIPTION	BY/CK	DATE	DESCRIPTION	BY/CK
	3-08-21	REVISIONS	MG/DK			

SITE PLAN		DATE:	02-04-20
BARATTA		SCALE:	1" = 20'
236 NETTLETON HOLLOW ROAD TOWN OF WASHINGTON, CT 06793		FILE:	10-11
		DSGN / CHK:	MG/TA
BIBBO ASSOCIATES, LLP		DRN. BY:	DK
293 ROUTE 100 SUITE 203 SOMERS, NEW YORK 10589 TEL. 914 277 5805		SHT NO.:	1 OF 4
SP-1		DWG NO.:	

UNAUTHORIZED ALTERATIONS AND ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 2209 (2) OF THE NEW YORK STATE EDUCATION LAW.
COPYRIGHT © 2020 BIBBO ASSOCIATES, LLP. ALL RIGHTS RESERVED. UNAUTHORIZED REPRODUCTION IS A VIOLATION OF APPLICABLE LAWS.

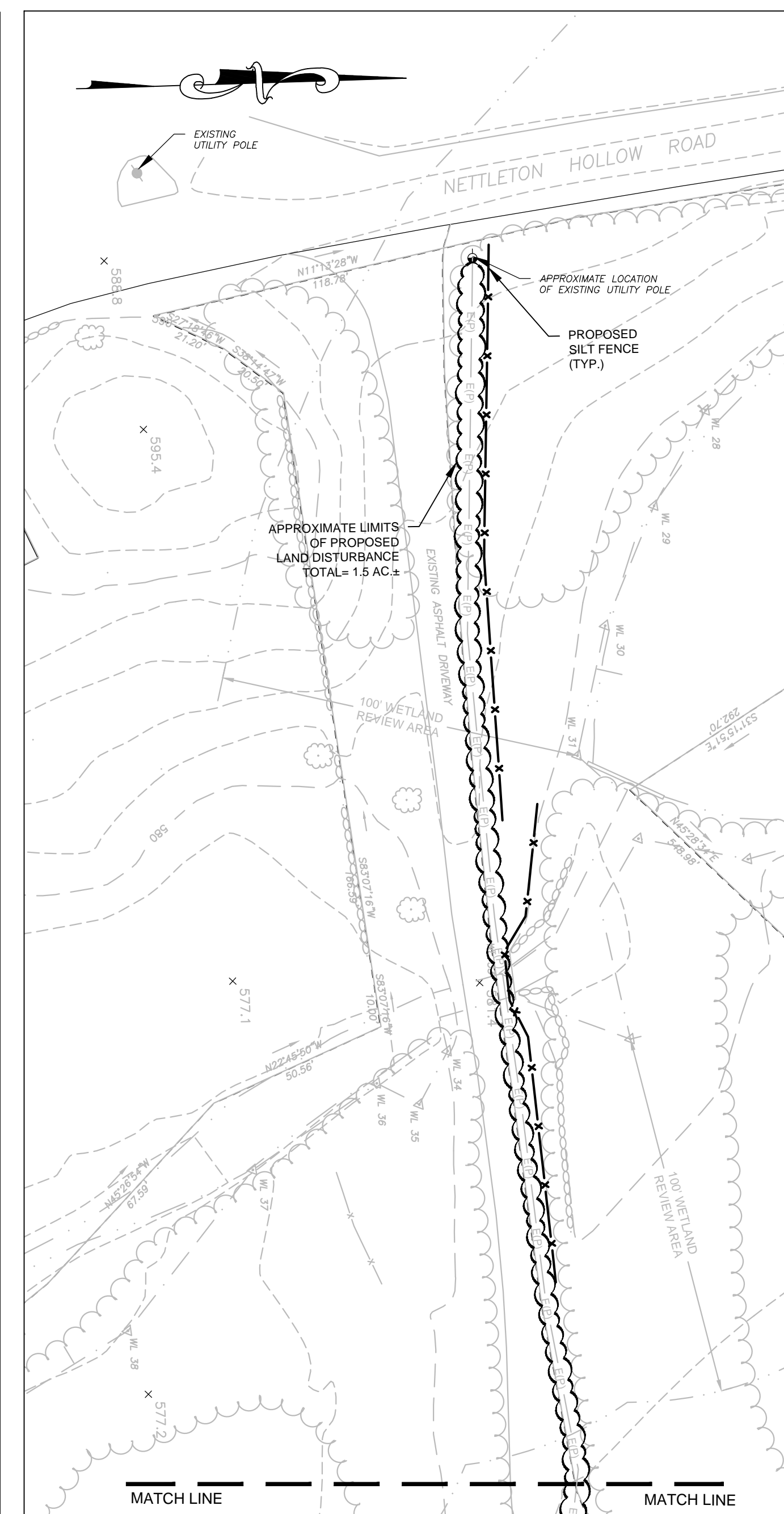


SITE PLAN
GRAPHIC SCALE

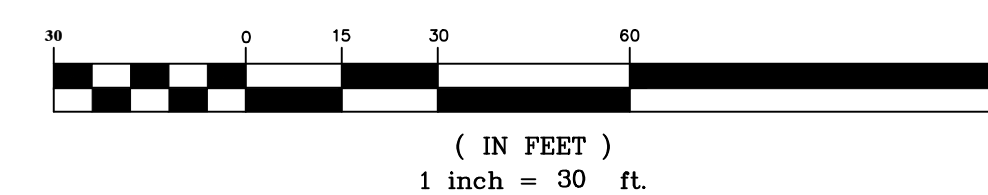


UNAUTHORIZED ALTERATIONS AND ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7-209 (2) OF THE NEW YORK STATE EDUCATION LAW

COPYRIGHT © 2008 BIBBO ASSOCIATES, LLP
ALL RIGHTS RESERVED. UNAUTHORIZED REPRODUCTION IS A VIOLATION OF APPLICABLE LAWS



SITE PLAN
GRAPHIC SCALE



EROSION CONTROL NOTES:

ALL CONSTRUCTION ACTIVITIES INVOLVING THE REMOVAL OR DEPOSITION OF SOILS ARE TO BE PROVIDED WITH APPROPRIATE PROTECTIVE MEASURES TO INHIBIT EROSION AND TO CONTAIN SEDIMENT DEPOSITION WITHIN THE AREA UNDER DEVELOPMENT.

THE FOLLOWING SPECIFICATIONS FOR INSTALLATION AND MAINTENANCE OF EROSION CONTROLS ARE FROM THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (REVISED 2002).

FILTER FENCE (SILT FENCE)

1. MATERIALS

(A) SYNTHETIC FILTER FABRIC

SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER OR ETHYLENE FILAMENTS AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING REQUIREMENTS

PHYSICAL PROPERTY	REQUIREMENTS
FILTERING EFFICIENCY	75%
TENSILE STRENGTH AT 20% (MAX.) ELONGATION	EXTRA STRENGTH- 100 LBS/LIN IN. (MIN.)
FLOW RATE	0.2 GAL/SQ FT./MIN. (MIN.)

(B) SYNTHETIC FILTER FABRIC REQUIREMENTS

FABRIC SHALL BE 10 OUNCE PER SQUARE YARD MIN. POST FOR FILTER FENCE SHALL BE EITHER 2 x 2 OR 2 x 3 INCH STUDS OR 0.5 POUNDS (MINIMUM) PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 4 FEET. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.

2. INSTALLATION REQUIREMENTS

- THE HEIGHT OF THE BARRIER SHALL NOT EXCEED 36 INCHES (HIGHER BARRIERS MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURES.)
- WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP, AND SECURELY SEALED. SEE MANUFACTURER'S RECOMMENDATIONS.
- POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES)
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND UP SLOPE FROM THE BARRIER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE BURIED PORTION OF THE FILTER FENCE.

3. MAINTENANCE

- FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL IN EXCESS OF 0.5 INCHES. REPAIRS SHALL BE MADE AS NECESSARY. WHEN SILT FENCE IS USED FOR DEWATERING OPERATIONS INSPECT FREQUENTLY BEFORE, DURING AND AFTER PUMPING.
- COLLECTED SEDIMENT SHALL BE REMOVED WHEN THE HEIGHT REACHES APPROXIMATELY ONE-HALF OF THE BARRIER. DECOMPOSED FABRIC SHALL BE REPLACED IMMEDIATELY

4. SITE STABILIZATION

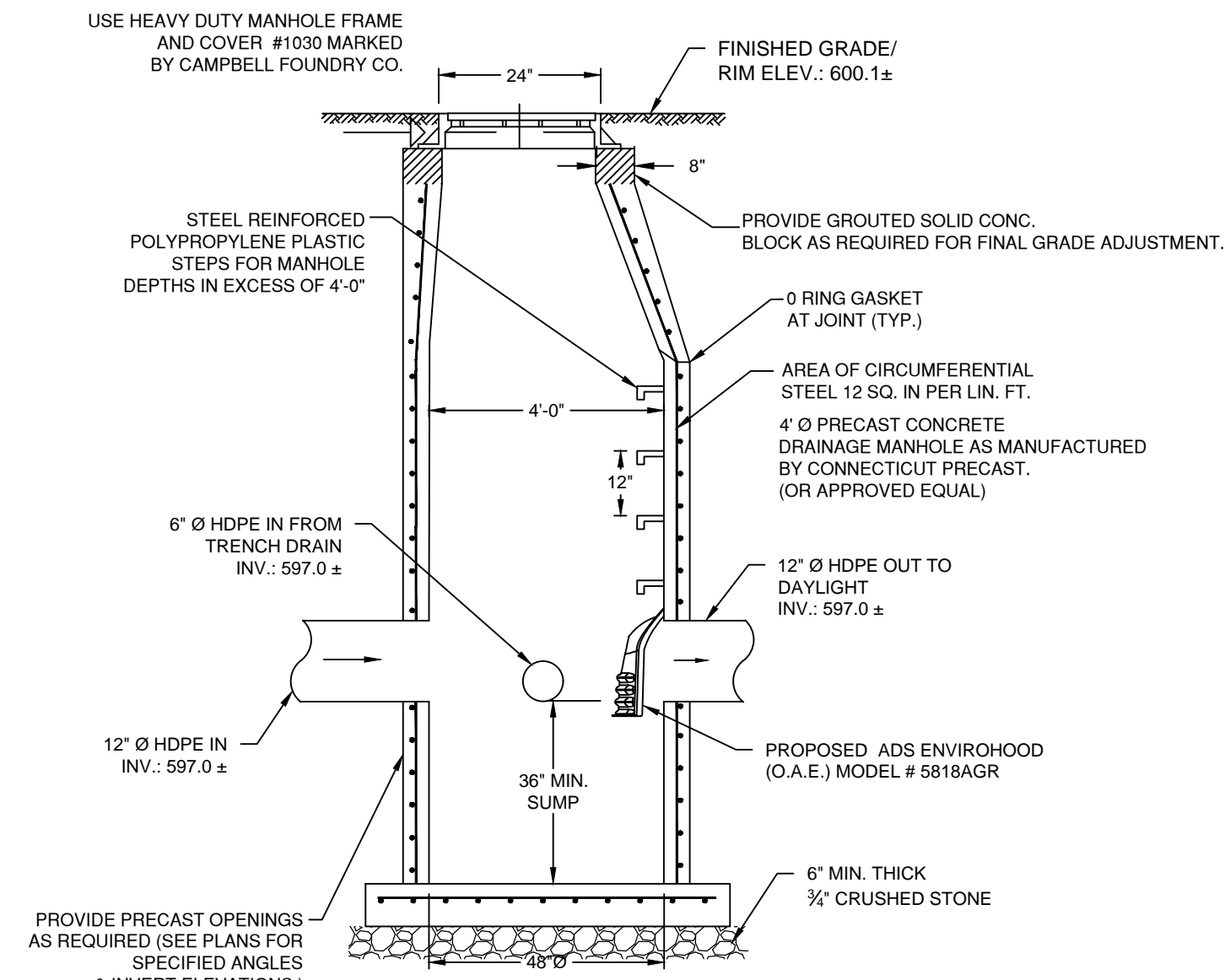
- ALL STOCKPILED TOPSOIL STRIPPED FROM THE AREA BEING DEVELOPED WHICH IS NOT PLANNED TO BE USED FOR MORE THAN 30 DAYS SHALL BE SEEDED IMMEDIATELY IN ACCORDANCE WITH TEMPORARY SEEDING REQUIREMENTS SPECIFIED IN THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- ALL CUT/FILL SLOPES SHALL BE IMMEDIATELY LAID BACK AND STABILIZED IN ACCORDANCE WITH STATE TEMPORARY/PERMANENT SEEDING REQUIREMENTS. SLOPES IN EXCESS OF 3H:1V SHALL BE STABILIZED WITH EROSION CONTROL BLANKETS AS NEEDED.

CONSTRUCTION SEQUENCE:

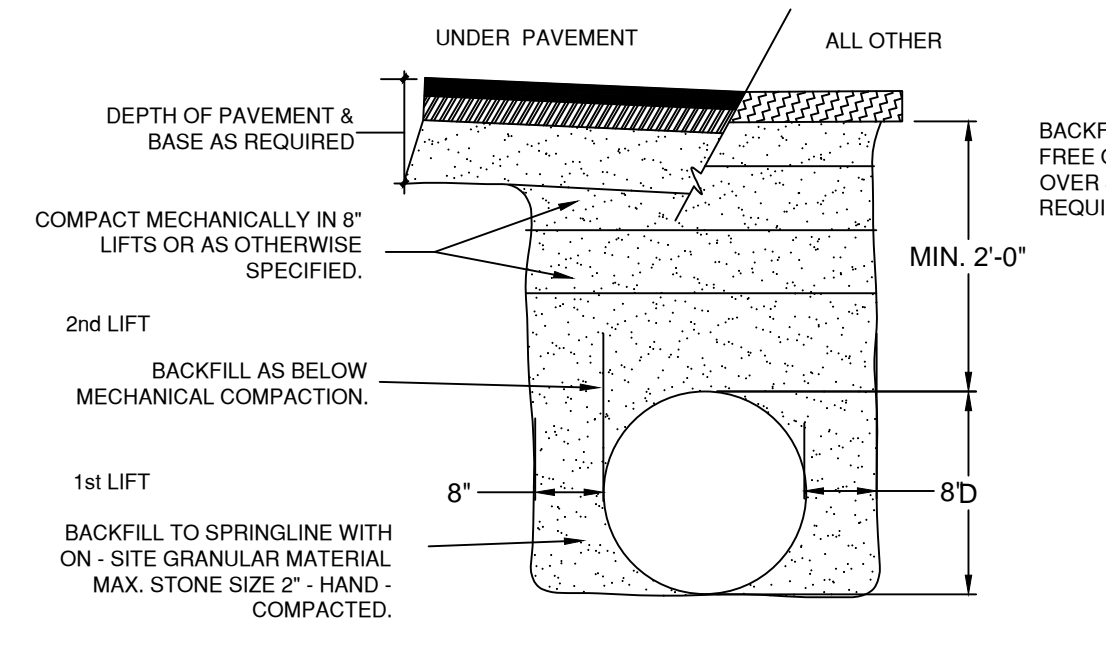
- INSTALL ALL SILT FENCING AS SHOWN HEREON. SILT FENCE SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION. NO ENCRoACHMENT BEYOND THESE LIMITS BY WORKERS OR MACHINERY SHALL BE PERMITTED.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE IN LOCATION SHOWN HEREON.
- NOTIFY THE TOWN OF WASHINGTON WETLANDS COMMISSION OFFICE AT LEAST 48 HOURS PRIOR TO THE START OF WORK AND SUBMIT "START CARD" TO THE COMMISSION OFFICE. WORK MAY BEGIN AFTER WETLAND ENFORCEMENT OFFICIAL INSPECTION AND APPROVAL.
- BEGIN HOUSE DEMOLITION IN ACCORDANCE WITH REMOVALS NOTES PROVIDED ON SHEET SP-1.
- BEGIN CONSTRUCTION OF NEW DWELLING, SITE CLEARING AND GRUBBING WITHIN THE LIMITS OF DISTURBANCE AS SHOWN HEREON. STRIP AND STOCKPILE TOPSOIL IN THE LOCATION PROVIDED.
- BEGIN EXCAVATION AND ESTABLISH SUB GRADE FOR PORTION OF NEW DRIVEWAY AND COURTYARD.
- INSTALL ALL PROPOSED DRAINAGE STRUCTURES AND COMPLETE UTILITY CONNECTIONS FOR NEW DWELLING (GAS, ELECTRIC, WELL, SEPTIC).
- FINISH DRIVEWAY, ESTABLISH FINAL GRADES, SEED AND MULCH ALL DISTURBED AREAS IN ACCORDANCE WITH SPECIFICATIONS PROVIDED IN THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL".
- MAINTAIN ALL EROSION CONTROLS THROUGH THE DURATION OF CONSTRUCTION. EROSION CONTROLS ARE TO BE REMOVED AT THE DIRECTION OF THE TOWN CODE ENFORCEMENT OFFICER UPON UPON FINAL SITE STABILIZATION.

REVISIONS	DATE	DESCRIPTION	BY/CK	DATE	DESCRIPTION	BY/CK
3-08-21		REVISIONS	MG/DK			

EROSION CONTROL PLAN		DATE:	02-04-20
BARATTA		SCALE:	1" = 20'
236 NETTLETON HOLLOW ROAD		FILE:	10-11
TOWN OF WASHINGTON, CT 06793		DSGN / CHK:	MG/TA
		DRN. BY:	DK
		SHT NO.	2 OF 4
293 ROUTE 100 SUITE 203 SOMERS, NEW YORK 10589 TEL. 914 277 5805		DWG NO.	EC-1



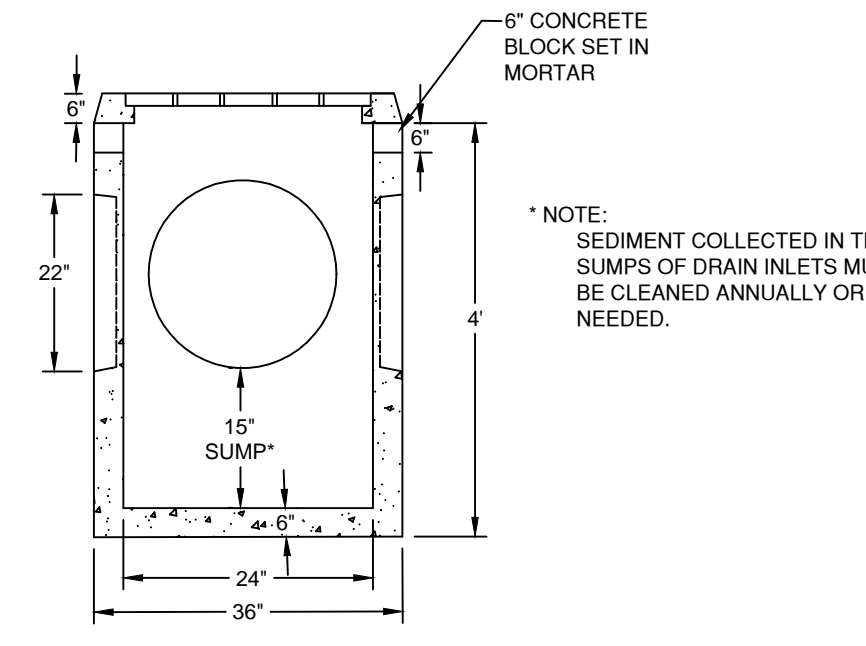
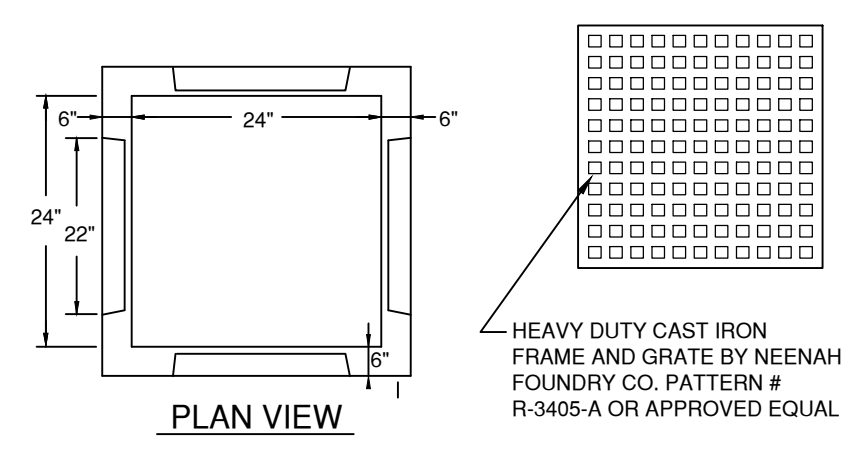
DRAINAGE MANHOLE DETAIL
N.T.S.
(H20 DESIGN LOADING REQUIRED)



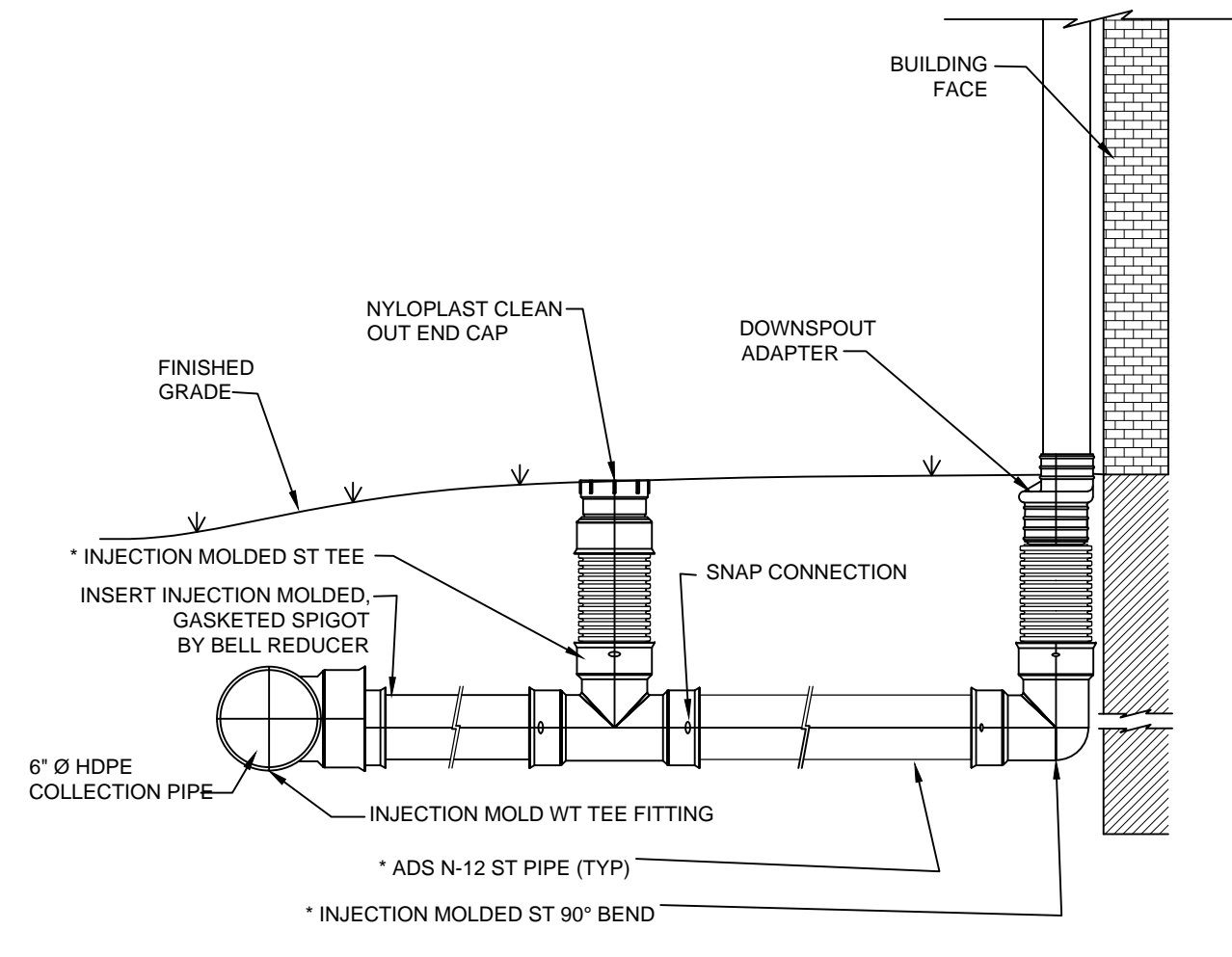
PIPE DIAMETER Ø	TRENCH WIDTH
4"	21"
6"	23"
8"	25"
12"	31"
15"	34"
18"	39"
24"	48"
30"	66"

ADDITIONAL NOTES:
1. ANY ADDITIONAL REQUIREMENTS AND SPECIFICATIONS SET FORTH BY THE PIPE MANUFACTURER MUST BE FOLLOWED FOR BACKFILLING.
2. BACK FILL MATERIAL TO BE FREE OF FROST & STONES OVER 8" IN SIZE & COMPACTED AS REQUIRED.

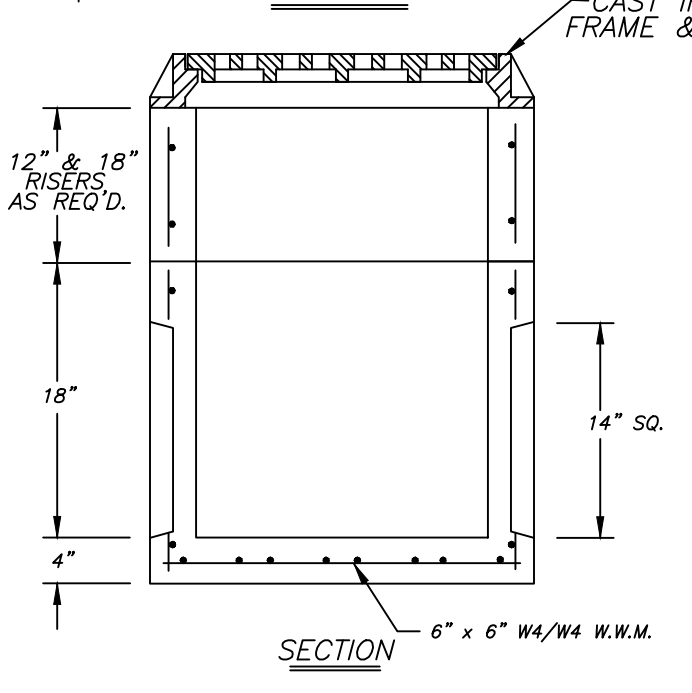
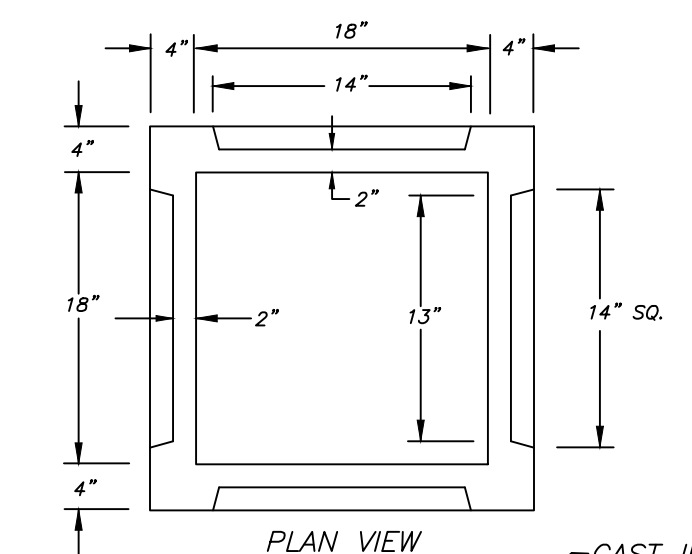
DRAINAGE PIPE INSTALLATION
N.T.S.



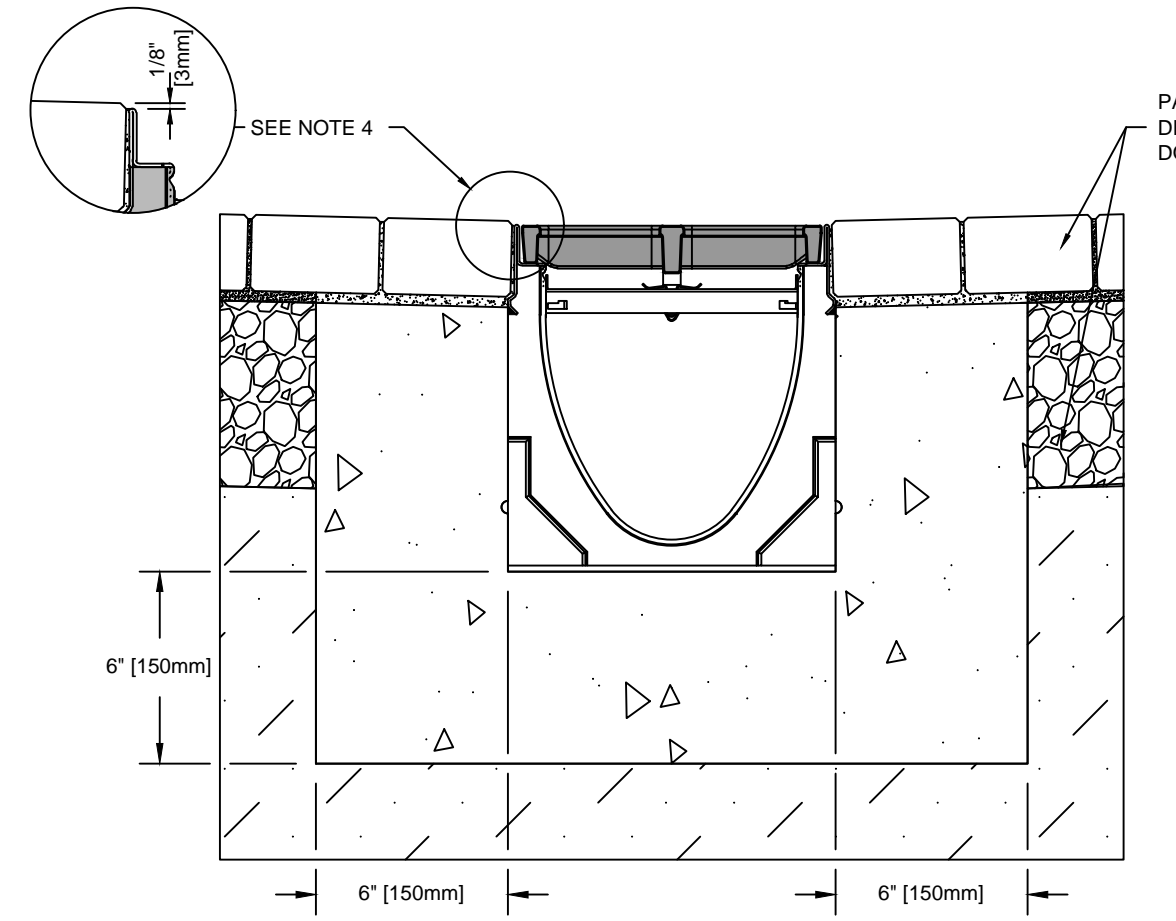
2' X 2' DRAIN INLET DETAIL
N.T.S.
(STRUCTURE TO BE DESIGNED FOR H20 LOADING)
P/C STRUCTURE BY CONNECTICUT PRECAST CORP. OR APPROVED EQUAL



ROOF LEADER CONNECTION DETAIL
N.T.S.
(OR APPROVED EQUAL)



18" X 18" YARD DRAIN DETAIL
N.T.S.
(STRUCTURE TO BE DESIGNED FOR H20 LOADING)
P/C STRUCTURE BY CONNECTICUT PRECAST CORP. OR APPROVED EQUAL
*CONCRETE : 4,000 PSI @ 28 DAYS
*REINFORCING : AS PER ASTM A-185
6" x 6" W4/W4 W.W.M.



NOTES:
1. IT IS NECESSARY TO ENSURE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR EXISTING GROUND CONDITIONS. ENGINEERING ADVICE MAY BE REQUIRED.
2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND. ENGINEERING ADVICE MAY BE REQUIRED.
4. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" (3mm) ABOVE THE TOP OF THE CHANNEL EDGE.
5. CONCRETE BASE THICKNESS SHOULD MATCH SLAB THICKNESS. ENGINEERING ADVICE MAY BE REQUIRED TO DETERMINE PROPER LOAD CLASS.
6. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

TYPICAL TRENCH DRAIN DETAIL - ACO - KS200 KLASIKDRAIN
N.T.S.
(OR APPROVED EQUAL)

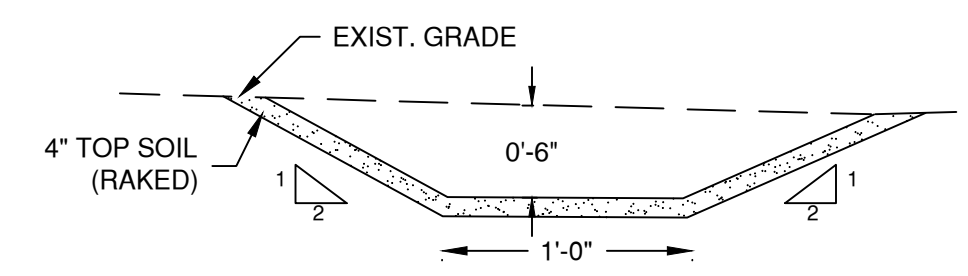
SPECIFICATION CLAUSE

KS200 KLASIKDRAIN
GENERAL
THE SURFACE DRAINAGE SYSTEM SHALL BE POLYMER CONCRETE KS200 CHANNEL SYSTEM WITH STAINLESS STEEL EDGE RAILS AS MANUFACTURED BY ACO POLYMER PRODUCTS, INC.
MATERIALS
CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTEGRALLY CAST-IN STAINLESS STEEL EDGE RAIL. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:
COMPRESSIVE STRENGTH: 14,000 PSI
FLEXURAL STRENGTH: 4,000 PSI
TENSILE STRENGTH: 1,500 PSI
WATER ABSORPTION: 0.07%
FROST PROOF: YES
DILUTE ACID AND ALKALI RESISTANT: YES
B117 SALT SPRAY TEST COMPLIANT: YES

THE SYSTEM SHALL BE 8" (203mm) NOMINAL INTERNAL WIDTH WITH A 10.2" (260mm) OVERALL WIDTH AND A BUILT-IN SLOPE OF 0.5% CHANNEL INVERT SHALL HAVE DEVELOPED "V" SHAPE. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

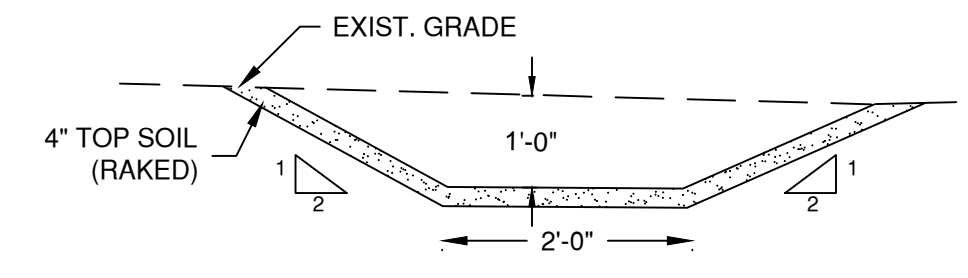
THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO POLYMER PRODUCTS, INC. ANY DEVIATION OR PARTIAL SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO POLYMER PRODUCTS, INC.

CHANNEL SHALL WITHSTAND LOADING TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING QUICK-LOCK BOLTLESS LOCKING SYSTEM. CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.



SEED MIXTURE	RATE / 1000 SF
BIRDSFOOT TREFLOIL	.2lb
TALL FESCUE	.45 lb
PERENNIAL RYEGRASS	.1 lb

GRASS SWALE #1
N.T.S.



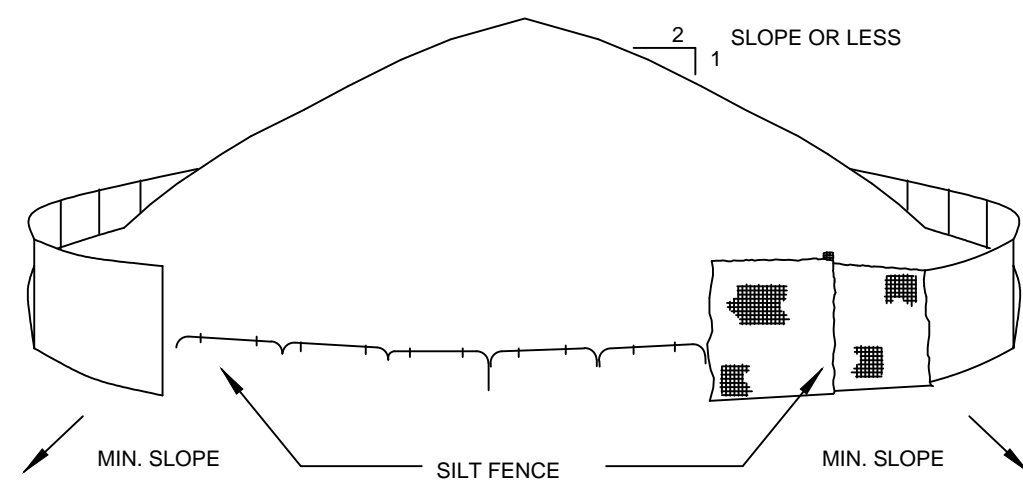
SEED MIXTURE	RATE / 1000 SF
BIRDSFOOT TREFLOIL	.2lb
TALL FESCUE	.45 lb
PERENNIAL RYEGRASS	.1 lb

GRASS SWALE #2
N.T.S.

REVISIONS	DATE	DESCRIPTION	BY/CK	DATE	DESCRIPTION	BY/CK
3-08-21			MG/DK			

DETAILS		DATE:	02-04-20
BARATTA		SCALE:	1" = 20'
236 NETTLETON HOLLOW ROAD		FILE:	10-11
TOWN OF WASHINGTON, CT 06793		DSGN / CHK:	MG/TA
		DRN. BY:	DK
		SHT NO.:	3 OF 4
		DWG NO.:	D-1

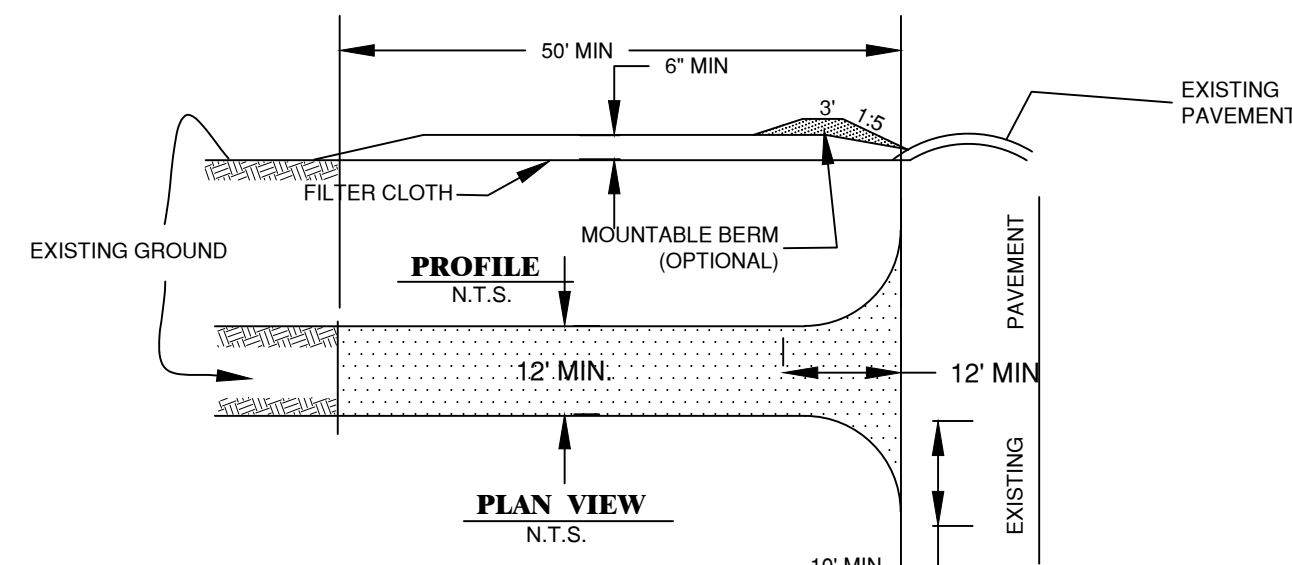
UNAUTHORIZED ALTERATIONS AND ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW
COPYRIGHT © 2005 ACO POLYMER PRODUCTS, INC. ALL RIGHTS RESERVED. UNAUTHORIZED REPRODUCTION IS A VIOLATION OF APPLICABLE LAWS



INSTALLATION NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE
2. MAXIMUM SLOPE OF STOCKPILING SHALL BE 1:2
3. ALL STOCKPILED TOPSOIL NOT PLANNED TO BE USED FOR MORE THAN 30 DAYS SHALL BE IMMEDIATELY SEEDED AND MULCHED

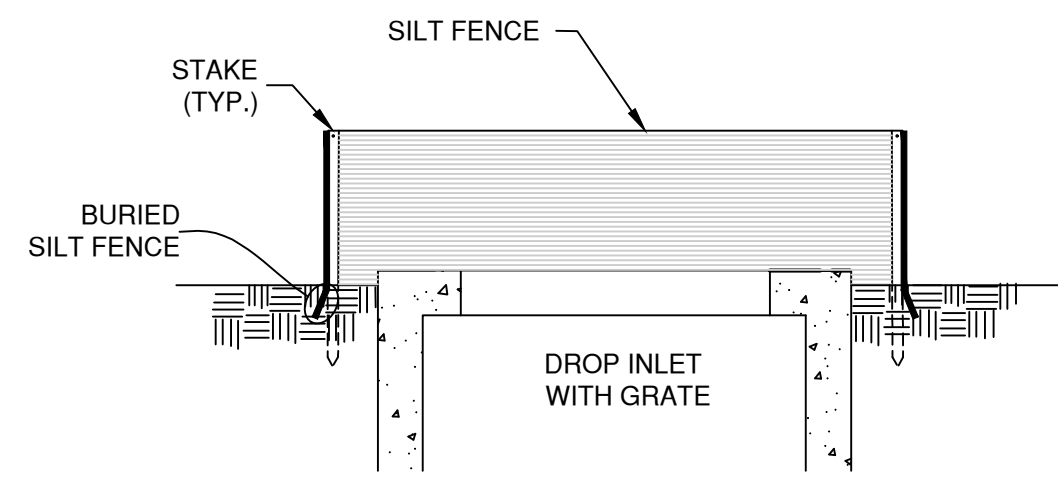
SOIL STOCKPILING DETAIL
N.T.S.



CONSTRUCTION SPECIFICATION

1. STONE SIZE- USE 2" STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. 50' MINIMUM LENGTH REQUIRED.
3. THICKNESS- NOT LESS THAN SIX (6) INCHES.
4. WIDTH- TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH- WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE & WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

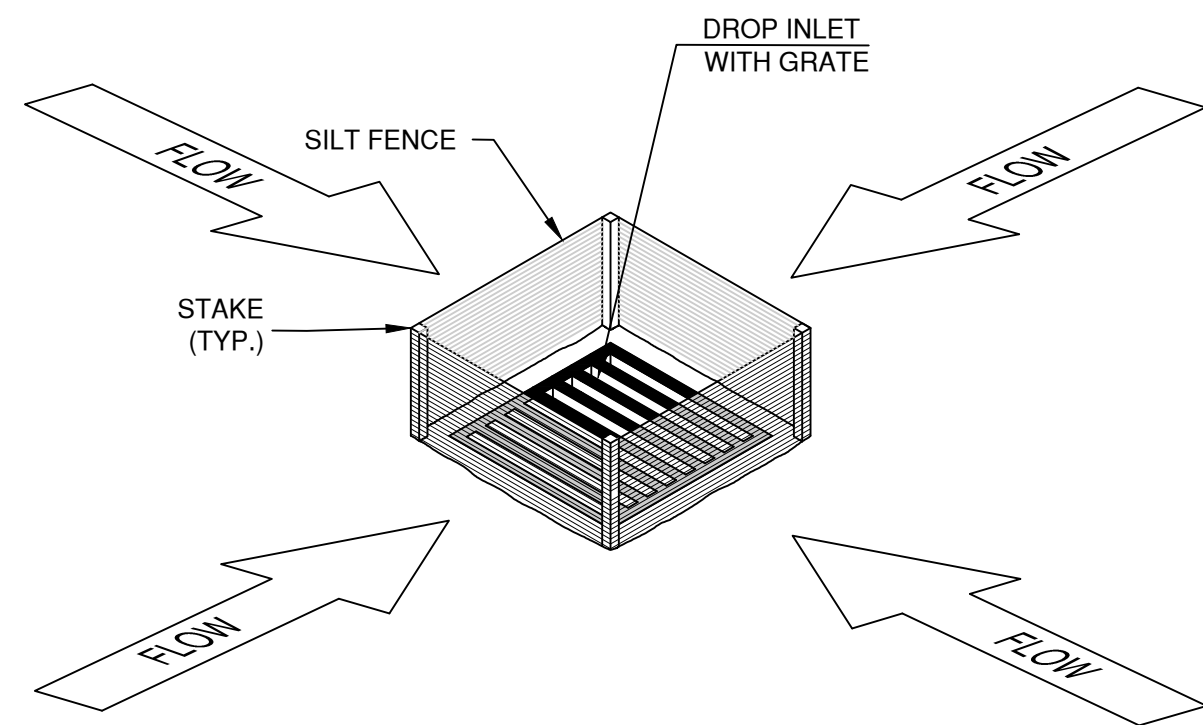
STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.



CONSTRUCTION SPECIFICATIONS

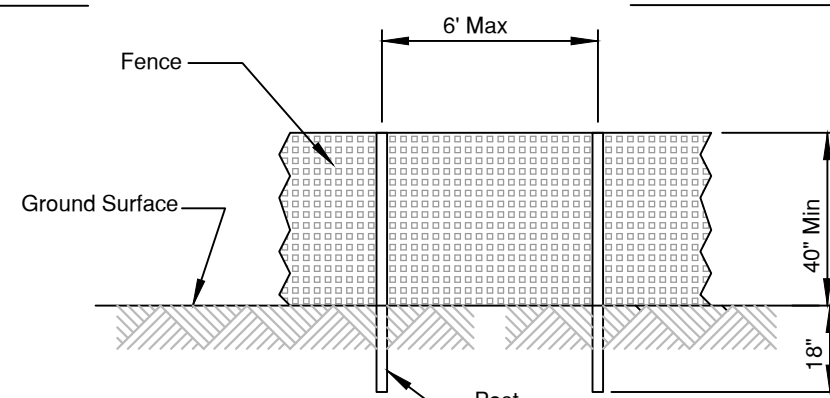
1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT, METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.

DROP INLET PROTECTION AT CATCH BASIN
N.T.S.



TREE GROUP

INDIVIDUAL TREE

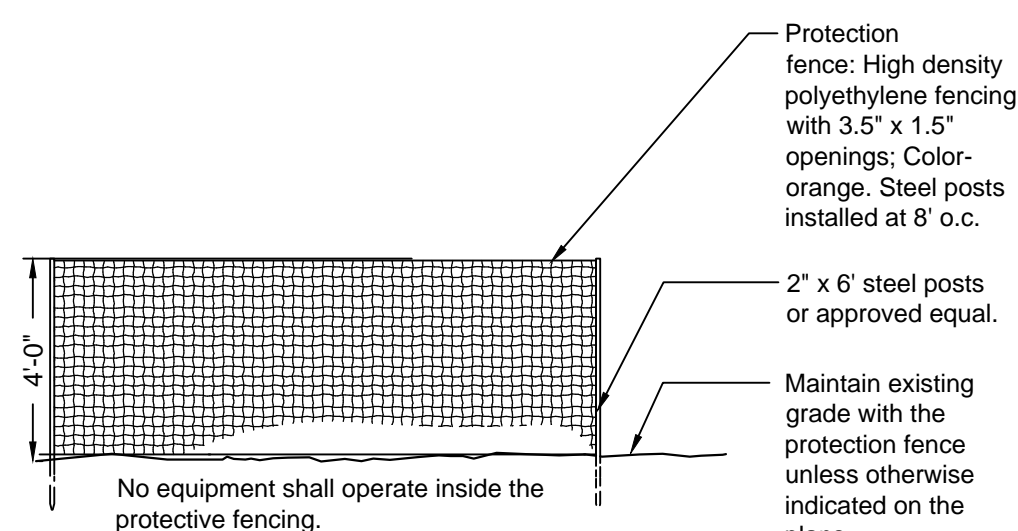


POST AND FENCE DETAIL

EXISTING TREE PROTECTION
N.T.S.

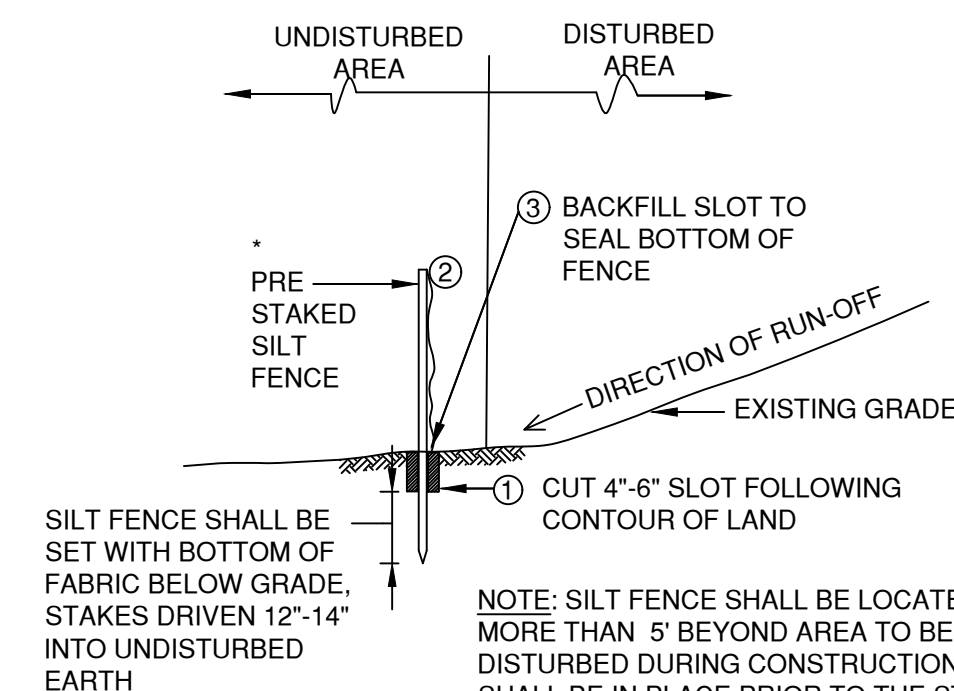
TREE PROTECTION SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY.

- NOTES:
1. THE FENCE SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIP LINE OF THE TREE TO BE SAVED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
 2. FENCE POSTS SHALL BE EITHER STANDARD STEEL OR 2" x 6" WOOD POSTS OR APPROVED EQUAL.
 3. THE FENCE MAY BE EITHER 40" HIGH SNOW FENCE, 40" PLASTIC WEB FENCING OR APPROVED EQUAL.
 4. NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
 5. NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.



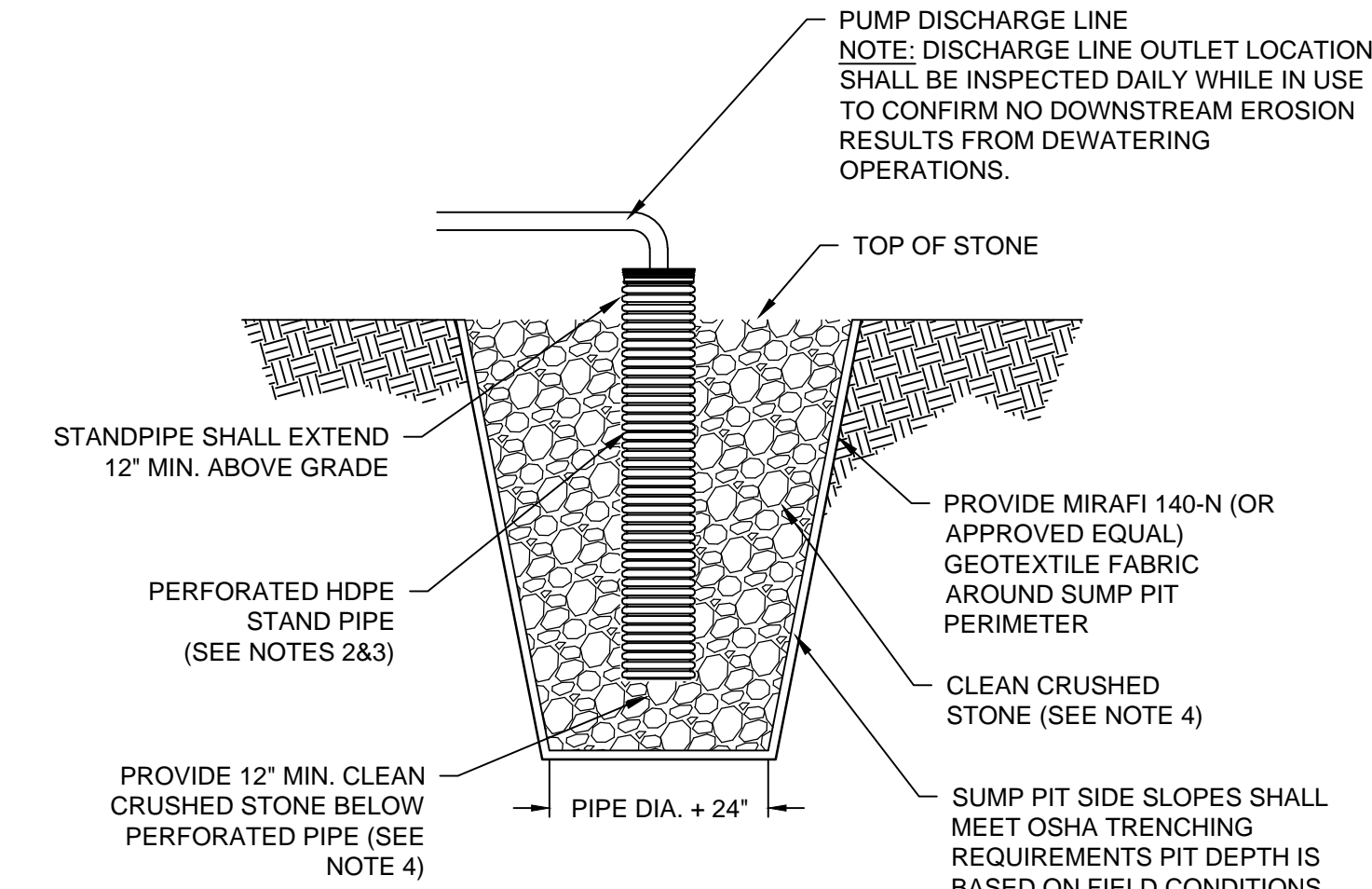
CONSTRUCTION FENCE DETAIL

N.T.S.



TYPICAL SILT FENCE INSTALLATION

N. T. S.

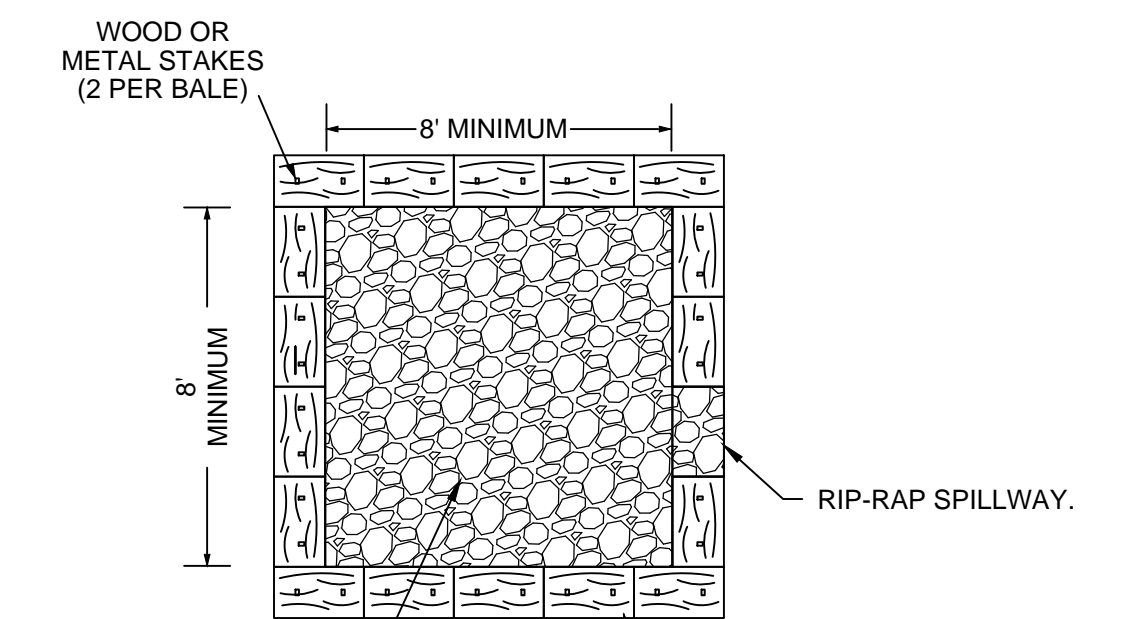


TYPICAL TEMPORARY DEWATERING SUMP PIT DETAIL

N. T. S.

NOTES:

1. OVERALL SUMP PIT DIMENSIONS SHALL BE COMPATIBLE WITH ANTICIPATED SEEPAGE RATES AND PUMP SIZE.
2. THE STANDPIPE DIAMETER AND NUMBER OF PERFORATIONS SHALL BE COMPATIBLE WITH PUMP SIZE.
3. PERFORATIONS ON STANDPIPE SHALL BE EITHER CIRCULAR OR SLOTS. PERFORATION SIZE SHALL NOT EXCEED 1/2" IN DIAMETER.
4. CRUSHED STONE SHALL BE NO SMALLER THAN CT DOT #67 IN SIZE NOR LARGER THAN CT DOT #3 IN SIZE. CRUSHED STONE SHALL EXTEND A MINIMUM OF 12" BELOW THE BOTTOM OF THE STANDPIPE.
5. TYPICAL SUMP PIT DETAIL OBTAINED FROM THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.



COVER ENTIRE INSIDE AREA WITH ONE LAYER OF MODIFIED RIP-RAP CT DOT M.12.02

NOTES:

1. PUMP OUTLET PROTECTION SHALL BE INSPECTED FREQUENTLY DURING DEWATERING OPERATIONS TO ENSURE NO DOWNSTREAM EROSION IS OCCURRING.
2. MATERIALS USED TO CONSTRUCT TEMPORARY PUMP OUTLET PROTECTION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OR RECYCLED.
3. SILT FENCE SHALL BE INSTALLED DOWN GRADIENT OF THE PUMP OUTLET PROTECTION ON THE LOCATIONS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.

TEMPORARY DEWATERING PUMP OUTLET PROTECTION DETAIL
N.T.S.

REVISIONS	DATE	DESCRIPTION	BY/CK	DATE	DESCRIPTION	BY/CK
	3-08-21	REVISIONS	MG/DK			
<p>EROSION CONTROL DETAILS</p> <p>BARATTA 236 NETTLETON HOLLOW ROAD TOWN OF WASHINGTON, CT 06793</p> <p>BIBBO ASSOCIATES, LLP 293 ROUTE 100 SUITE 203 SOMERS, NEW YORK 10589 TEL. 914 277 5805</p>						
	DATE:	02-04-20				
	SCALE:	1" = 20'				
	FILE:	10-II				
	DSGN / CHK:	MG/TA				
	DRN. BY:	DK				
	SHT NO.:	4 OF 4				
	DWG NO.:	D-2				