



**TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS**

PROJECT NAME: CHADWICK WOODS – 5 LOT SUBDIVISION
PROJECT NO.: 19-02
PROJECT LOCATION: 174 ROUTE 300
SECTION 14, BLOCK 1, LOT 51
REVIEW DATE: 31 MARCH 2023
MEETING DATE: 6 APRIL 2023
PROJECT REPRESENTATIVE: ENGINEERING & SURVEYING PROPERTIES

1. The project has received approval from the Town of Newburgh Town Board for three (3) lots on a common driveway.
2. The project is subject to the Town’s Tree Preservation Ordinance. Compliance with the Tree Preservation Ordinance must be documented.
3. The status of NYSDOT’s review of the access drives should be addressed.
4. Under the current plans individual water services are proposed. Calculations documenting adequate pressure exist at the residential structures should be provided based on the distance from the Town’s water main.
5. Water Department’s comments regarding what appears to be multiple water lines in the same trench should be received.
6. Common Driveway Access and Maintenance Agreements will be required for all lots. These agreements must be submitted to the Planning Board Attorney for review.
7. The sanitary sewer details conflict with the shallow absorption tile field overall plan detail on Sheet C-301 and the absorption tile field drop box details on Sheet C-302.
8. The applicants are requested to evaluate the serial distribution proposed in the subsurface sanitary sewer disposal systems. Serial distribution method is acceptable for use with dosing systems only, based on the 2016 Appendix 75A document.
9. An NYSDEC Stormwater SPDES Permit will be required as the project will disturb greater than one acre. A SWPPP for the residential subdivision should be prepared. The previous document which was subject to comments was prepared by the applicant’s previous representative. No final document by the current design professional has been received.

NEW YORK OFFICE

33 Airport Center Drive, Suite 202, New Windsor, NY 12553
845-567-3100 | F: 845-567-3232 | mheny@mhepc.com

PENNSYLVANIA OFFICE

111 Wheatfield Drive, Suite 1, Milford, PA 18337
570-296-2765 | F: 570-296-2767 | mhempa@mhepc.com

Respectfully submitted,

MHE Engineering, D.P.C.

A handwritten signature in blue ink that reads "Patrick J. Hines". The signature is written in a cursive style with a large initial 'P'.

Patrick J. Hines
Principal

PJH/kbw



Montgomery Office:
71 Clinton Street
Montgomery, NY 12549
phone: (845) 457-7727
fax: (845) 457-1899

Warwick Office:
17 River Street
Warwick, NY 10990
phone: (845) 986-7737
fax: (845) 986-0245

www.EngineeringPropertiesPC.com

March 23, 2023

Town of Newburgh Planning Board
308 Gardnertown Road
Newburgh, NY 12550

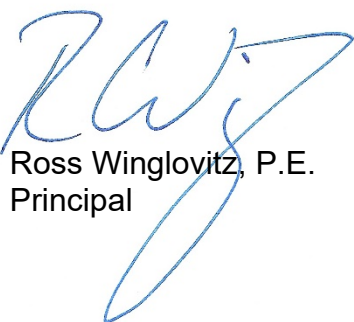
**RE: CHADWICK WOODS SUBDIVISION
PROJECT NO. 19-02
NYS ROUTE 300
TOWN OF NEWBURGH
PROJECT DESCRIPTION**

Dear Planning Board:

Please find the attached Subdivision Plan for the Chadwick Woods project. Since the last appearance before the board, the project has received approval from the Town Board for 3-lots on a shared common driveway. Following approval the driveway profiles, grading and erosion control plans have been updated accordingly to the new driveway layout. In addition, the project has eliminated the proposed private on-site wells for the three (3) rear lots. Each lot proposes individual water service connections across NYS Route 300.

If you need any additional information, please do not hesitate to contact this office.

Sincerely,
Engineering & Surveying Properties, PC



Ross Winglovitz, P.E.
Principal



Michael Puzio
Project Engineer

BULK REQUIREMENTS

**TOWN OF NEWBURGH - ZONING DISTRICT RR
PROPOSED USE: SINGLE-FAMILY DWELLINGS**

MINIMUM BUILDING REQUIREMENTS	REQUIRED	LOT #1	LOT #2	LOT #3	LOT #4	LOT #5
LOT AREA	2 ACRES	2.01 ACRES	2.01 ACRES	2.02 ACRES	2.01 ACRES	6.88 ACRES
LOT WIDTH	200 FEET	256.3 FEET	228.7 FEET	200 FEET	220 FEET	280.3 FEET
LOT DEPTH	300 FEET	414.9 FEET	376.8 FEET	414.2 FEET	304.5 FEET	1053 FEET
FRONT YARD	60 FEET	166.4 FEET	201.0 FEET	136.2 FEET	113.7 FEET	91.6 FEET
REAR YARD	100 FEET	213.4 FEET	106.6 FEET	233.7 FEET	137 FEET	900.1 FEET
SIDE YARD (ONE / BOTH)	50 / 100 FEET	56.0 / 161.9 FEET	96.2 / N/A FEET	64.9 / 135.1 FEET	71.0 / 179.8 FEET	54.9 / 228.6 FEET

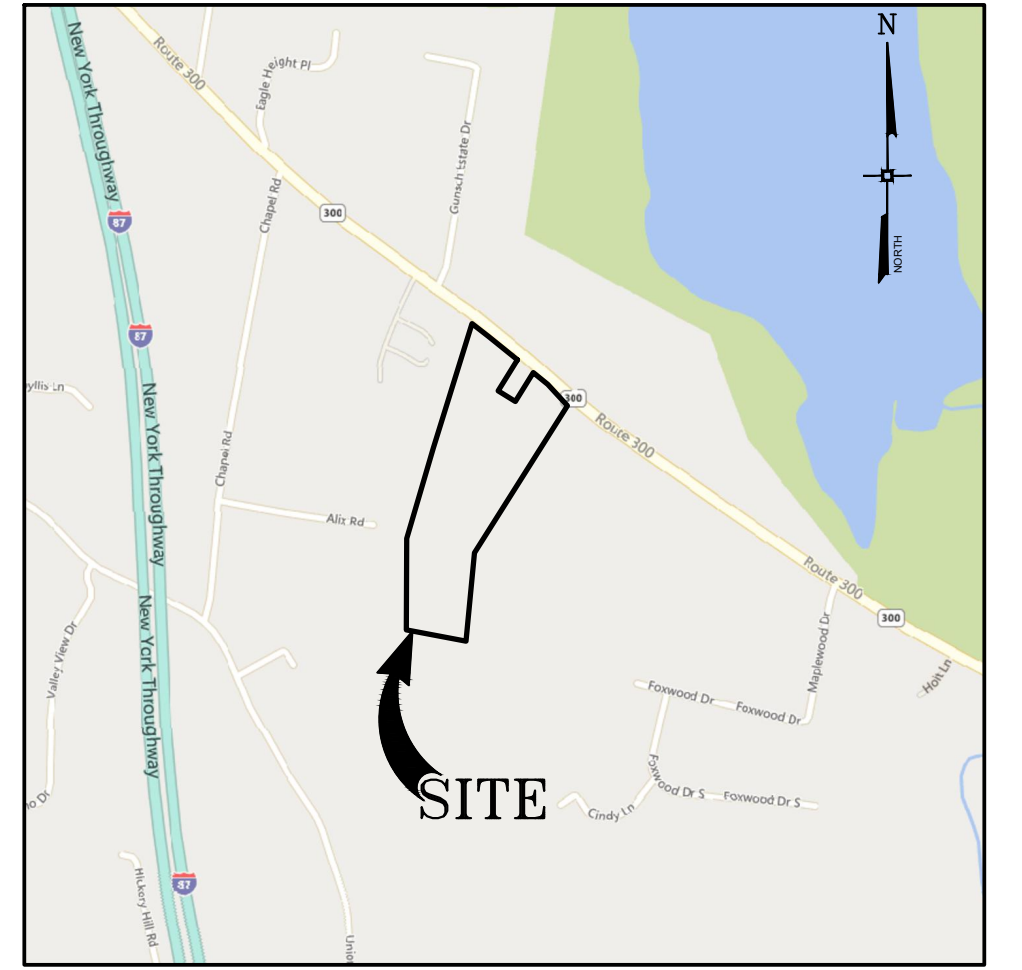
MAXIMUM ALLOWABLE						
BUILDING HEIGHT	35 FT	< 35 FT	< 35 FT	< 35 FT	< 35 FT	< 35 FT
LOT SURFACE COVERAGE	10 %	< 10 %	< 10 %	< 10 %	< 10 %	< 10 %
LOT COVERAGE (BUILDINGS)	10 %	< 10 %	< 10 %	< 10 %	< 10 %	< 10 %

SURVEYOR'S NOTES:

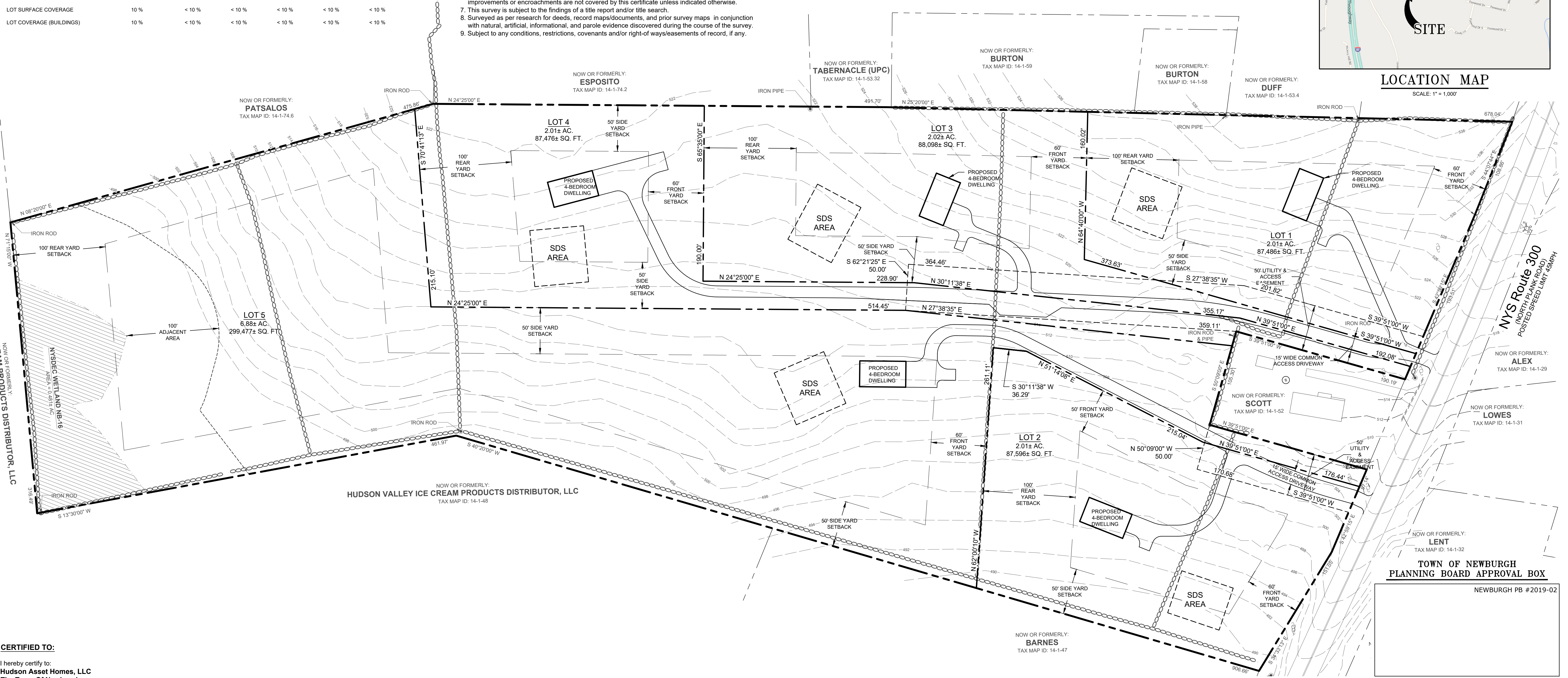
- Copyright © 2023. Jonathan N. Millen, L.L.S. All Rights Reserved. Reproduction or copying of this document is a violation of copyright law unless permission of the author and/or copyright holder is obtained.
- Unauthorized alteration of an item in any way, or addition to a survey map for any person, unless acting under the direction of a licensed land surveyor, is a violation of section 7209, subdivision 2, of the New York State Education Law.
- Only boundary survey maps bearing the surveyor's **signature overlaid with embossed seal** are genuine true and correct copies of the surveyor's original work and opinion. Copies without an embossed seal and underlying signature may contain unauthorized and undetectable modifications, deletions, additions, and changes, and are not to be relied upon. A copy of this document without the proper application of the surveyor's embossed seal should be assumed to be an unauthorized copy.
- Certifications on this boundary survey map signify that the map was prepared in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. The certification is limited to persons for whom this survey map was prepared, to the title company, to the governmental agency, and to the lending institution.
- The certifications herein are not transferable.
- The location of underground improvements or encroachments are not always known and often must be estimated. If any underground improvements or encroachments exist or are shown, the improvements or encroachments are not covered by this certificate unless indicated otherwise.
- This survey is subject to the findings of a title report and/or title search.
- Surveyed as per research for deeds, record maps/documents, and prior survey maps in conjunction with natural, artificial, informational, and parole evidence discovered during the course of the survey.
- Subject to any conditions, restrictions, covenants and/or right-of-ways/easements of record, if any.

GENERAL NOTES

- TAX MAP IDENTIFICATION NUMBER: SECTION 14 BLOCK 1 LOT 51
- TOTAL AREA OF SUBJECT PARCEL: 14.91± ACRES.
- BOUNDARY AND PLANIMETRIC INFORMATION BASED UPON FIELD SURVEY AS PERFORMED BY JONATHAN N. MILLEN, LLS ON MARCH 2018.
- OWNER/APPLICANT: HUDSON ASSET HOMES, LLC
4171 ALBANY POST ROAD
HYDE PARK, NY 12538
- PROPOSED NUMBER OF LOTS: 5
- ALL PROPOSED LOT SHALL BE SERVICED BY INDIVIDUAL SEPTICS AND TOWN WATER.
- COMMON DRIVEWAYS SHALL BE NAMED PRIOR TO APPROVAL.



LOCATION MAP
SCALE: 1" = 1,000'



CERTIFIED TO:

I hereby certify to:
Hudson Asset Homes, LLC
The Town Of Newburgh

CERTIFICATION NOTES:

This certification is made only to named parties for purchase and/or mortgage of herein delineated property by named purchaser. No responsibility or liability is assumed by surveyor for use of survey for any other purpose including, but not limited to, use of survey for survey affidavit, resale of property, or to any other person not listed in certification, either directly or indirectly, the setting of fences and/or any other structures in or near the property lines. Unless indicated otherwise, property corners were not set.

SURVEYOR'S CERTIFICATION:

I hereby certify to the hereon listed parties that this map represents the results of an actual on the ground field survey, per record description, of the land shown hereon, located along NYS Route 300 in the Town of Newburgh, County of Orange, State of New York. Completed in April, 2016, performed in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc., and is to the best of my knowledge, belief and information, accurate and correct. Except as shown hereon: "there are no encroachments either way across property lines; title lines and lines of actual possession are the same".

NOTE:

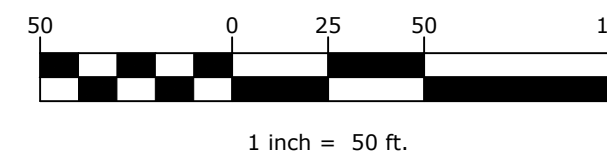
Tax Map Identification Number: Section 14, Block 1, Lot 51

Record Owner:
Hudson Asset Homes, LLC
4171 Albany Post Road
Hyde Park, NY 12538

No.	DATE	DESCRIPTION
1	10/05/22	REVISED PER PB COMMENTS
2	10/31/22	REVISED LOT LAYOUT
3	03/23/23	REVISED GRADING FOR DRIVEWAY LAYOUT

DRAWING STATUS	ISSUE DATE:
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	03/23/2023
SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	1 OF 8
<input type="checkbox"/> OGDH REALTY SUBDIVISION APPROVAL	N/A OF N/A
<input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A OF N/A
<input type="checkbox"/> OTHER	N/A OF N/A
<input type="checkbox"/> FOR BID	N/A OF N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A OF N/A

THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).



Jonathan N. Millen, L.L.S.
PROFESSIONAL LAND SURVEYOR
CERTIFIED TO BE CORRECT AND ACCURATE
N.Y. LIC. No. 050746
NOT VALID WITHOUT EMBOSSED SEAL & SIGNATURE

Boundary, Wetlands, & Topographic Survey
of the lands of
Hudson Asset Homes, LLC

Automated Construction Enhanced Solutions, Inc.
Professional Land Surveying
1229 Route 300 - Suite 4 - Newburgh, NY 12550
Office: 845-943-5198 Field: 914-906-8830 E-Mail: jmillenlls@accessurveying.com

Prepared For Tax Map Parcel
14-1-51
aka *Chadwick Woods*
situated in the
Town of Newburgh
County of Orange, New York 12550

DATE: 04/30/2016 SCALE: 1"=50' JOB No.: 16022-MMR DRAWN BY: jnm

ENGINEERING & SURVEYING PROPERTIES
Achieving Successful Results with Innovative Designs

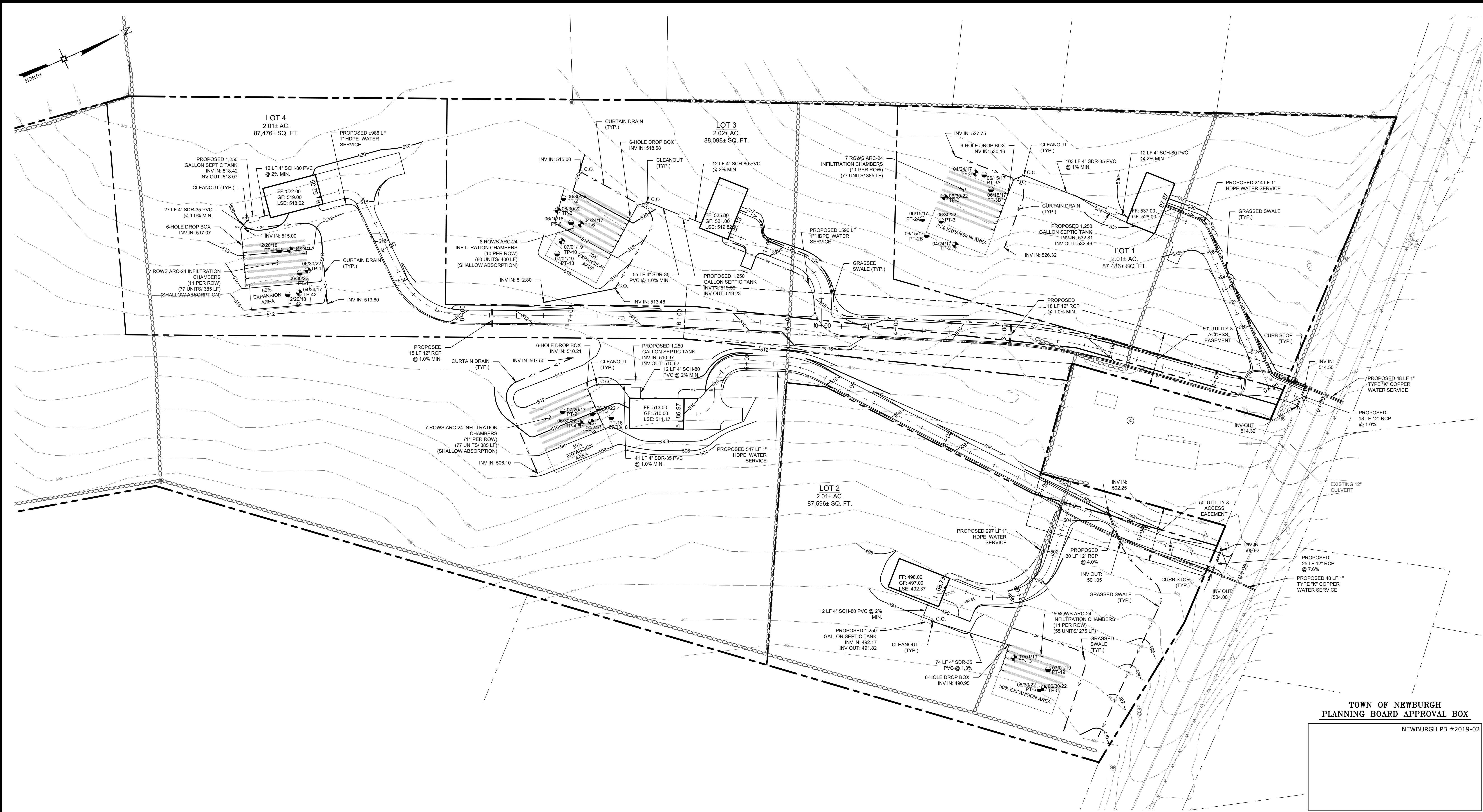
MONTGOMERY OFFICE
71 CLINTON STREET
MONTGOMERY, NY 12549
Ph: (845) 457-7727
WWW.EP-PC.COM

REALTY SUBDIVISION PLAN

CHADWICK WOODS
ROUTE 300
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1325.05 DRAWN BY: MP
DATE: 08/01/2022 SCALE: 1"=50'
REVISION: 2 - 10/31/22 TAX LOT: 14-1-51

RS-1



TOWN OF NEWBURGH
PLANNING BOARD APPROVAL BOX

NEWBURGH PB #2019-02

No.	DATE	DESCRIPTION
1	10/05/22	REVISED PER PB COMMENTS
2	10/31/22	REVISED LOT LAYOUT
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THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		03/23/2023	
		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF	N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	2	OF	8
<input type="checkbox"/> OCCDH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OCCDH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A	OF	N/A
<input type="checkbox"/> NYS DOT APPROVAL	N/A	OF	N/A
<input type="checkbox"/> OTHER	N/A	OF	N/A
<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A

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RWJ

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ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701

ENGINEERING & SURVEYING PROPERTIES
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MONTGOMERY, NY 12549
Ph: (845) 457-7727
WWW.EP-PC.COM

GRADING & UTILITY PLAN

CHADWICK WOODS
ROUTE 300
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1325.05
DATE: 08/01/2022
REVISION: 3 - 03/23/23

DRAWN BY: MP
SCALE: 1"=40'
TAX LOT: 14-1-51

C-101

PERCOLATION TEST RESULTS

LOT #	PERC HOLE #	PERC HOLE DEPTH	PERC HOLE DIA	TIME	PERCOLATION TEST RUNS - STOPWATCH USED FOR ALL TESTS (TIME FOR 1" DROP IN WATER LEVEL)	STABILIZED RATE
1	06/30/22 PT-3	24"	8"	FINISH		6 MIN
				START	STOPWATCH USED FOR TIMED INTERVALS	
	06/15/17 *PT-2B	24"	8"	TIME	00:01:22 00:02:11 00:04:15 00:05:18 00:05:33	
				START	12:52 01:11 01:48 02:35 03:30	
2	06/15/17 PT-5	24"	8"	FINISH		5 MIN
				START	STOPWATCH USED FOR TIMED INTERVALS	
	07/01/19 *PT-19	24"	8"	TIME	00:03:27 00:04:44 00:04:59	
				START	03:02 03:17 03:32	
3	06/30/22 PT-2	24"	8"	FINISH		9 MIN
				START	STOPWATCH USED FOR TIMED INTERVALS	
	06/16/18 *PT-6	24"	8"	TIME	00:01:45 00:03:06 00:05:58 00:07:45 00:08:27	
				START	12:40 01:30 02:18	
4	06/30/22 PT-1	24"	8"	FINISH		15 MIN
				START	STOPWATCH USED FOR TIMED INTERVALS	
	12/20/18 *PT-41	24"	8"	TIME	00:06:25 00:11:04 00:14:42 00:15:37	
				START	01:31 02:29 03:27	
5	06/30/22 PT-4	24"	8"	FINISH		22 MIN
				START	STOPWATCH USED FOR TIMED INTERVALS	
	07/20/17 *PT-9	24"	8"	TIME	00:12:42 00:18:12 00:20:22 00:21:01	
				START	12:05 12:57 01:48 02:39	
5	07/20/17 *PT-9	24"	8"	FINISH		50 MIN
				START	STOPWATCH USED FOR TIMED INTERVALS	
	06/30/22 PT-4	24"	8"	TIME	00:12:42 00:18:12 00:20:22 00:21:01	
				START	12:05 12:57 01:48 02:39	

* TESTING PERFORMED BY TALCOTT ENGINEERING DESIGN, PLLC

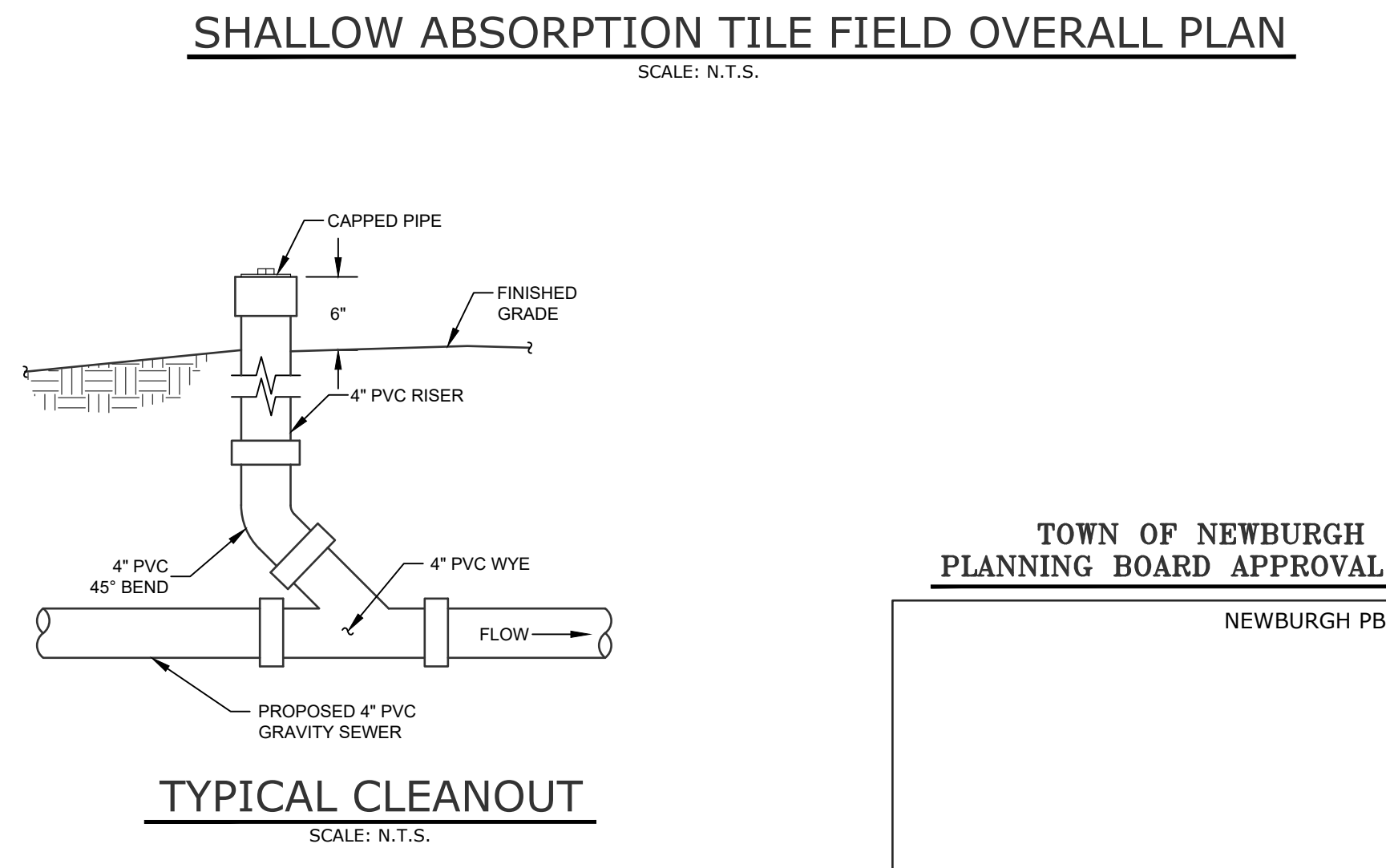
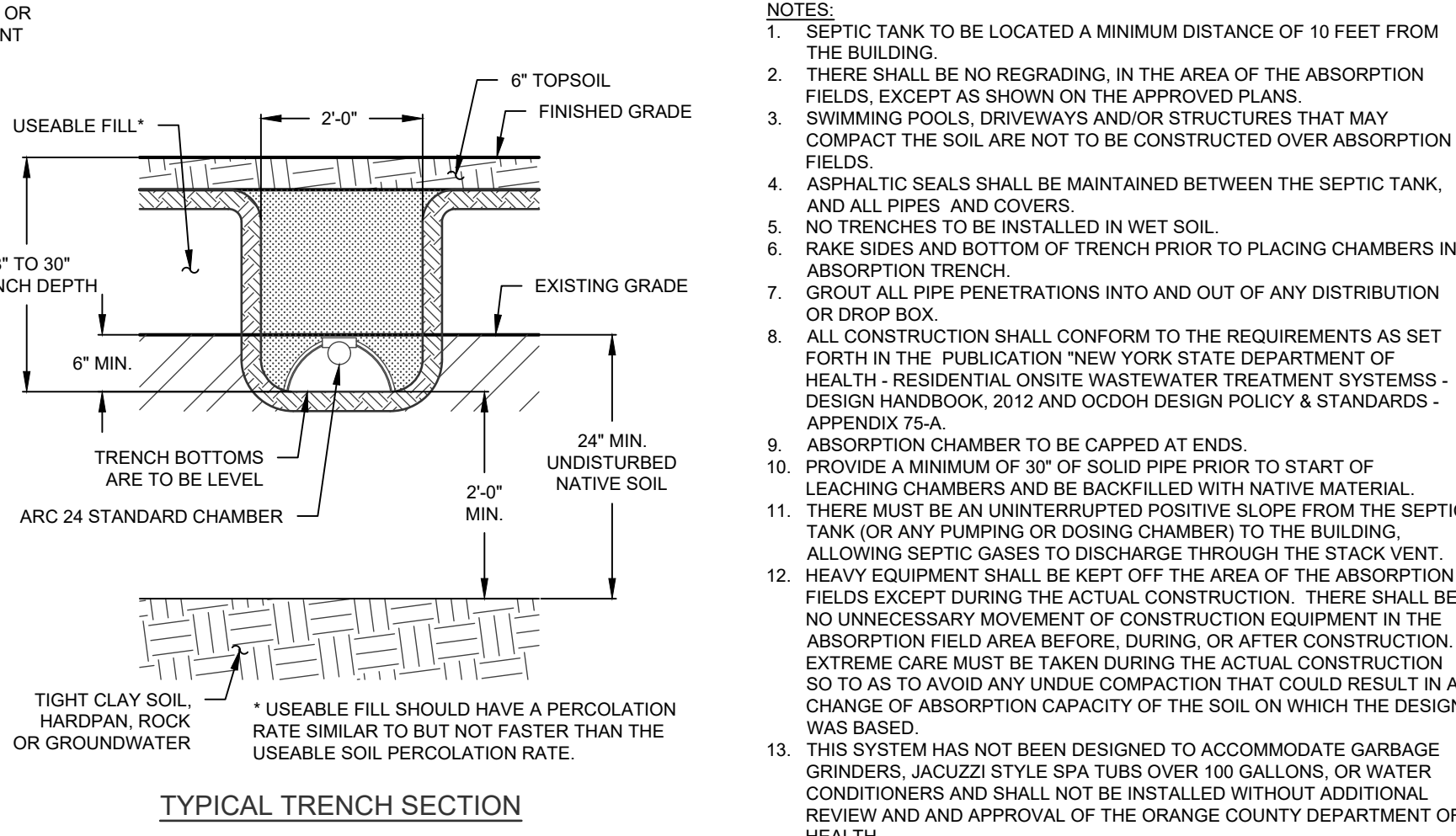
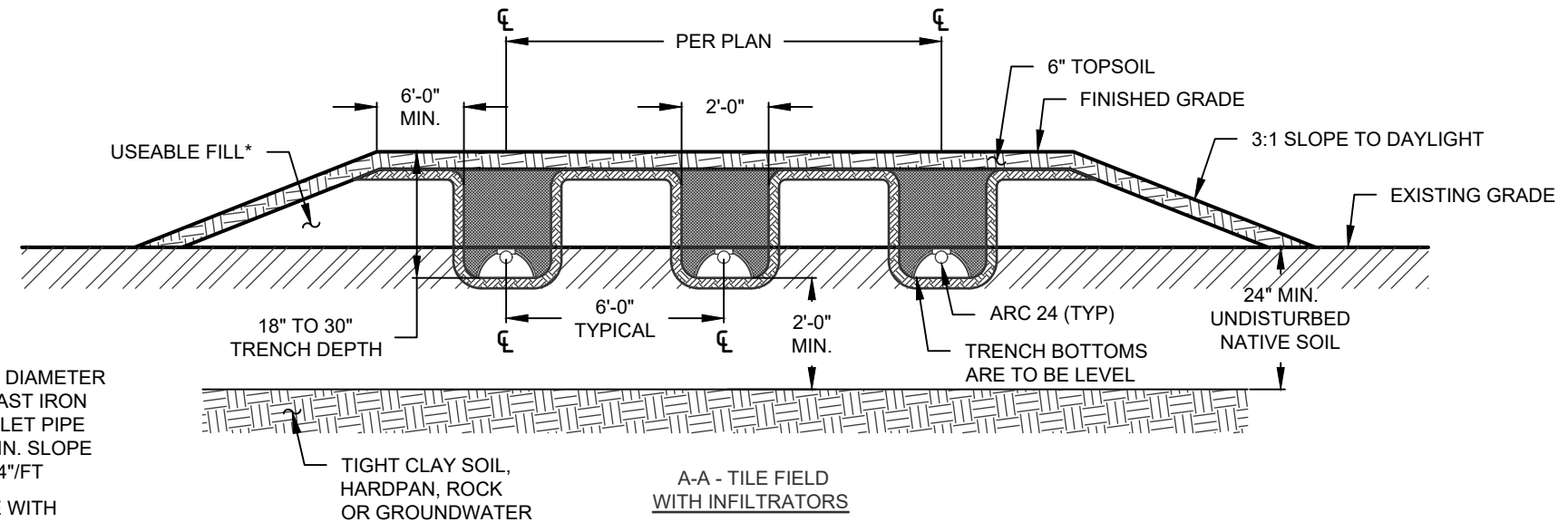
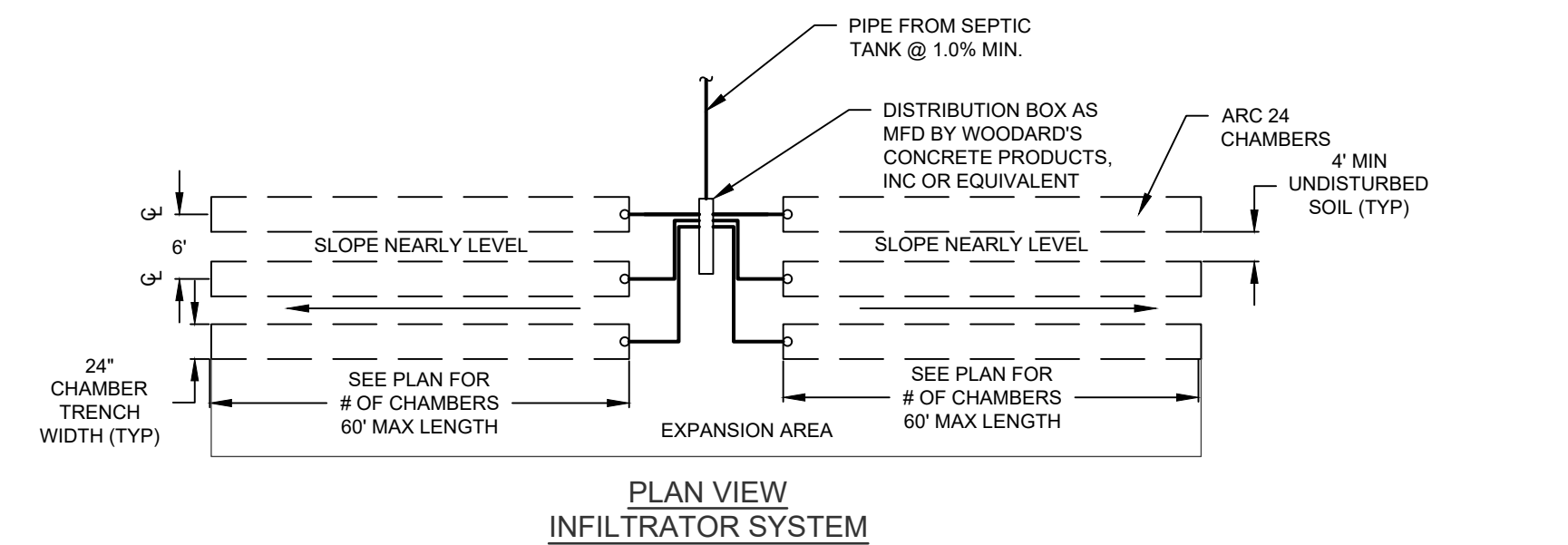
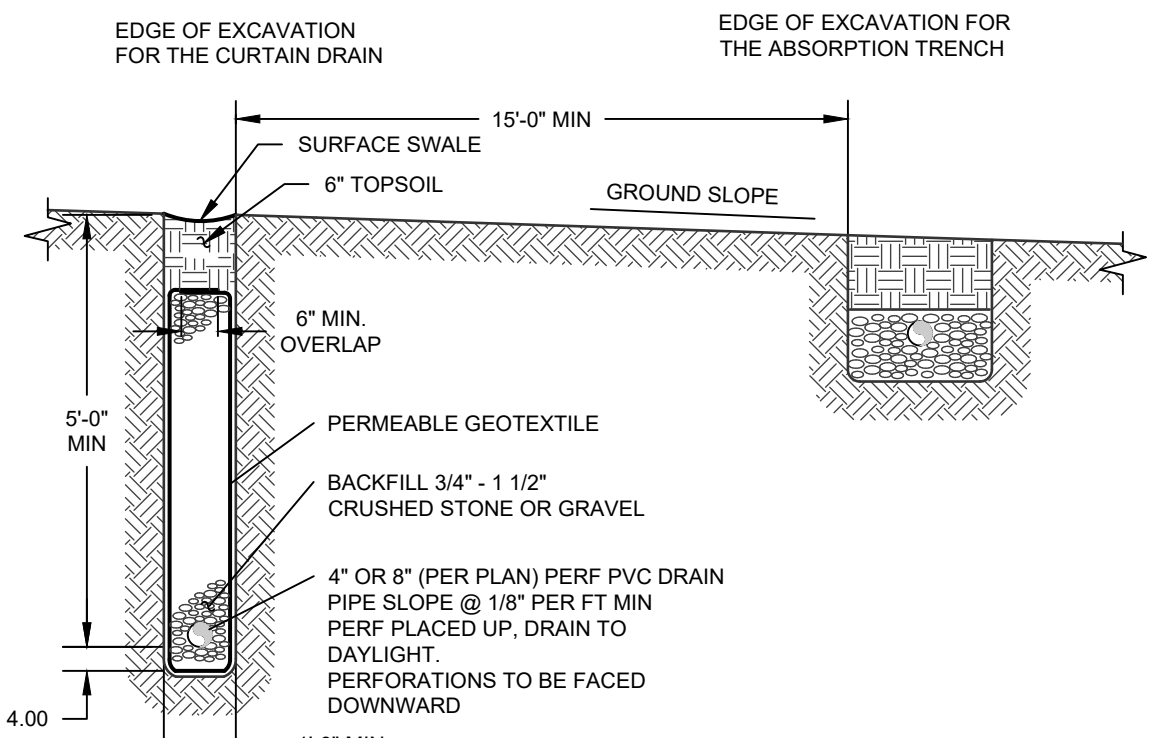
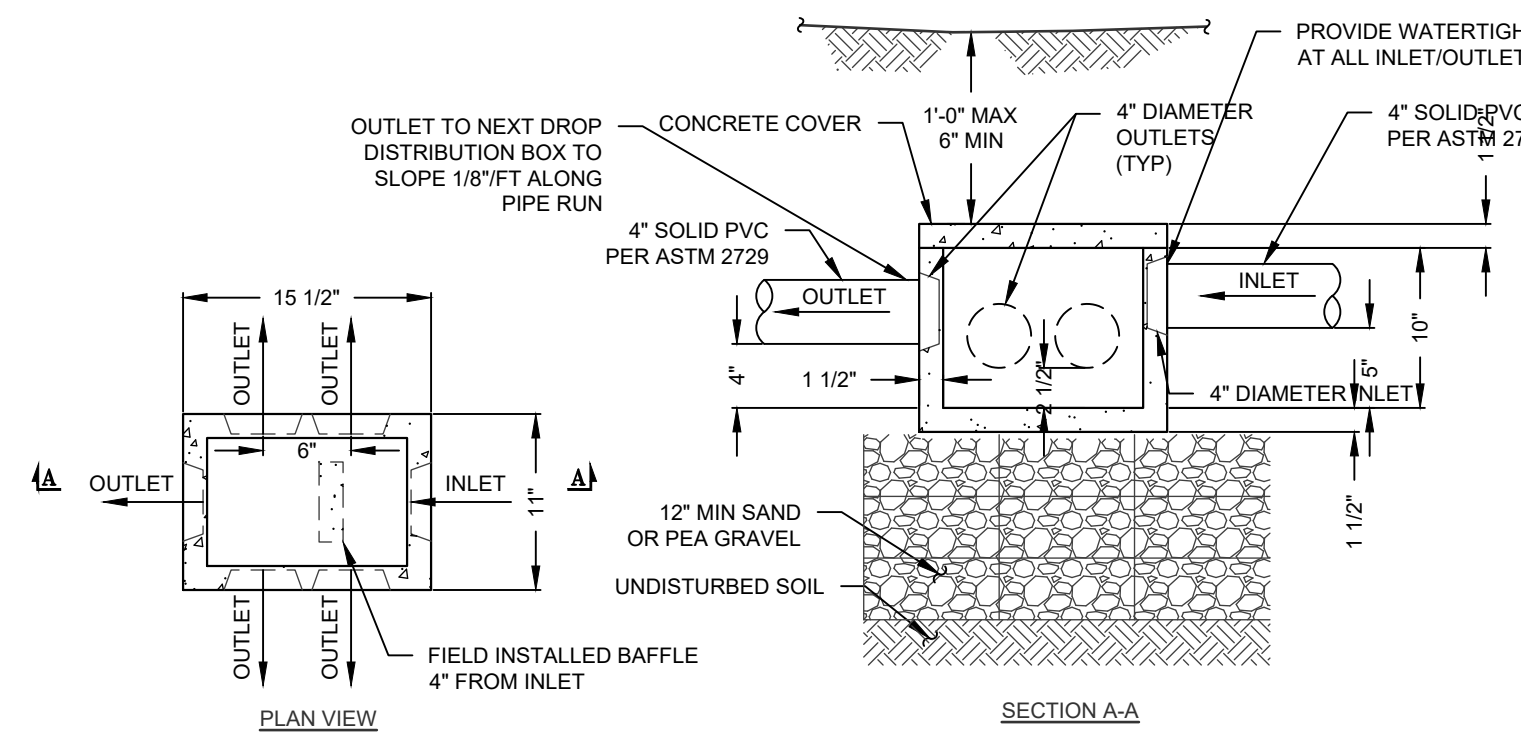
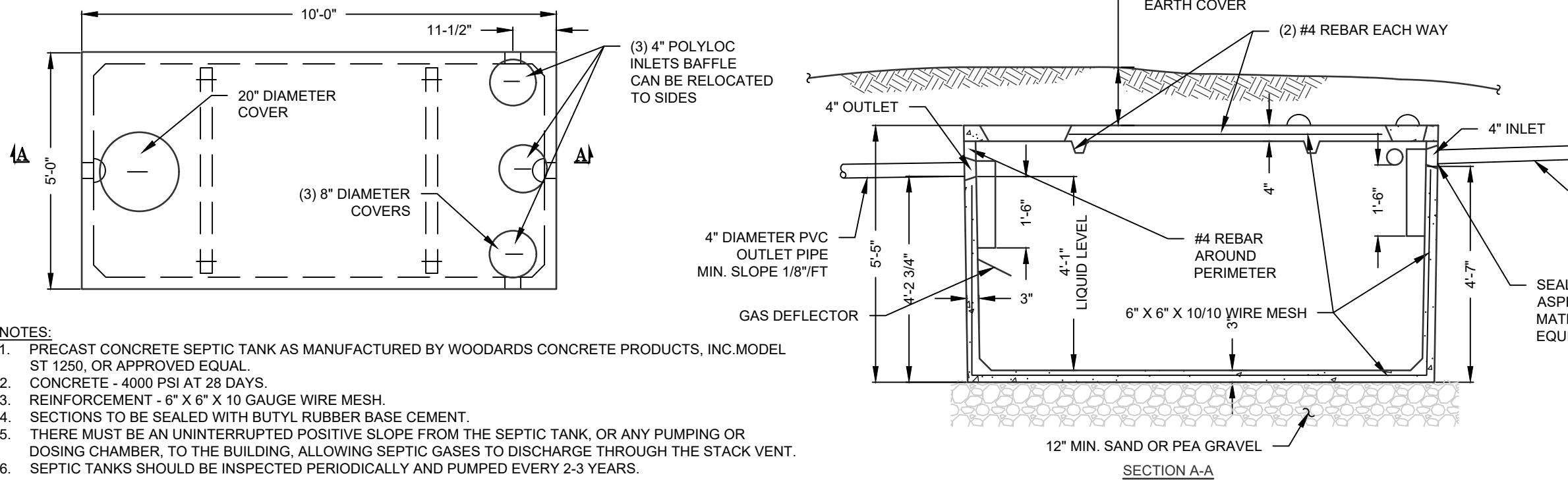
DEEP TEST HOLE RESULTS

LOT #	TEST HOLE #	DATE	DEPTH	DESCRIPTION
1	TP-3	06/30/22	0' - 12' 12' - 8'	TOPSOIL W/ COBBLES BROWN SILTY LOAM W/ COBBLES NO ROCK, NO WATER, NO MOTTLING
	*TP-2	04/24/17	0' - 6" 6' - 32" 32' - 78"	TOPSOIL CLAY LOAM WET CLAY LOAM "DAMP" CLAY LOAM "DAMP" NO ROCK, NO WATER, NO MOTTLING
2	TP-5	06/30/22	0' - 6" 6' - 4" 4' - 8'	TOPSOIL TAN SILTY CLAY LOAM BROWN SILTY CLAY SANDY GRAVELLY LOAM NO ROCK, NO WATER, NO MOTTLING
	*TP-13	07/01/19	0' - 6" 6' - 30"	TOPSOIL CLAY LOAM NO ROCK, NO WATER, NO MOTTLING
3	TP-2	06/30/22	0' - 6" 6' - 4" 4' - 8'	TOPSOIL TAN SILTY CLAY LOAM BROWN SILTY CLAY SANDY GRAVELLY LOAM NO ROCK, NO WATER, NO MOTTLING
	*TP-6	04/24/17	0' - 6" 6' - 40" 40' - 60"	TOPSOIL CLAY LOAM WET CLAY LOAM W/ GRAVEL NO ROCK, WATER @ 40", MOTTLING @ 40"
4	TP-1	06/30/22	0' - 10" 10' - 27" 27' - 7" 7' - 8'	TOPSOIL W/ COBBLES TAN SILTY CLAY LOAM W/ COBBLES TAN SILTY CLAY SANDY LOAM W/ COBBLES TAN SILTY SANDY LOAM NO ROCK, WATER @ 90", NO MOTTLING
	*TP-41	04/24/17	0' - 6" 6' - 24" 24' - 72"	TOPSOIL CLAY LOAM W/ GRAVEL CLAY LOAM NO ROCK, WATER @ 30", NO MOTTLING
5	TP-4	06/30/22	0' - 6" 6' - 36" 36' - 8'	TOPSOIL W/ COBBLES TAN SILTY CLAY LOAM BROWN SILTY SANDY GRAVELLY LOAM NO ROCK, WATER @ 6", MOTTLING @ 55"
	*TP-9	04/24/17	0' - 6" 6' - 60"	TOPSOIL CLAY LOAM W/ STONES NO ROCK, NO WATER, NO MOTTLING

* TESTING PERFORMED BY TALCOTT ENGINEERING DESIGN, PLLC

SEPTIC SYSTEM DESIGN SCHEDULE

LOT #	NUMBER OF BEDROOMS	DESIGN PERC RATE (min)	FLOW RATE (GPD)	APPLICATION RATE (GPD/Sq. ft.)	REQUIRED AREA (Sq. ft.)	REQUIRED ABSORPTION FIELD LENGTH (ft) (BASED UPON 2' WIDE TRENCH)	REQUIRED FIELD LENGTH BASED USING GRAVELESS CHAMBERS (25% REDUCTION)	PROPOSED ABSORPTION FIELD LENGTH (ft)
1	4	54	440	0.45	978	489	367	7 LATERALS @ 55' 77 CHAMBERS (385' TOTAL)
2	4	14	440	0.80	550	275	207	5 LATERALS @ 55' 55 CHAMBERS (275' TOTAL)
3	4	47	440	0.45	978	489	367	7 LATERALS @ 55' 77 CHAMBERS (385' TOTAL)
4	4	57	440	0.45	978	489	367	7 LATERALS @ 55' 77 CHAMBERS (385' TOTAL)
5	4	50	440	0.45	978	489	367	7 LATERALS @ 55' 77 CHAMBERS (385' TOTAL)



TOWN OF NEWBURGH PLANNING BOARD APPROVAL BOX

NEWBURGH PB #2019-02

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<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	5	OF 8
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<input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL	N/A	OF N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A	OF N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A	OF N/A
<input type="checkbox"/> OTHER	N/A	OF N/A
<input type="checkbox"/> FOR BID	N/A	OF N/A
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ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701

0 1 2 3
ORIGINAL SCALE IN INCHES

ENGINEERING & SURVEYING PROPERTIES
Achieving Successful Results with Innovative Design

MONTGOMERY OFFICE
71 CLINTON STREET
MONTGOMERY, NY 12549
Ph: (845) 457-7727
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DETAILS

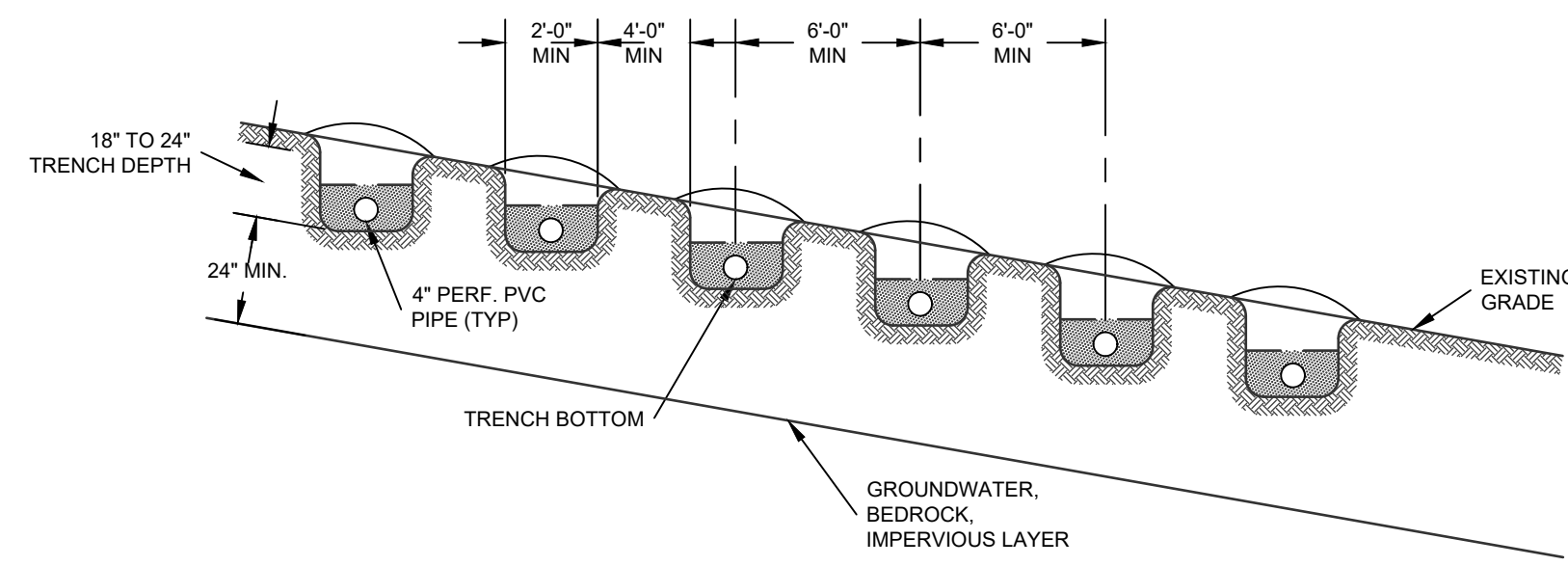
CHADWICK WOODS
ROUTE 300
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1325.05
DATE: 08/01/2022
REVISION: 3 - 03/23/23

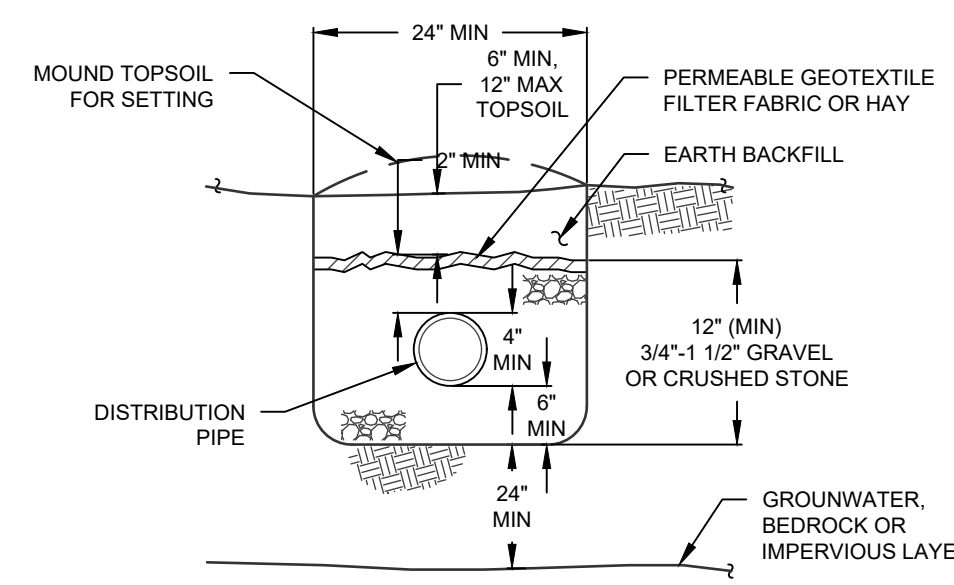
DRAWN BY: MP
SCALE: AS NOTED
TAX LOT: 14-1-51

C-301

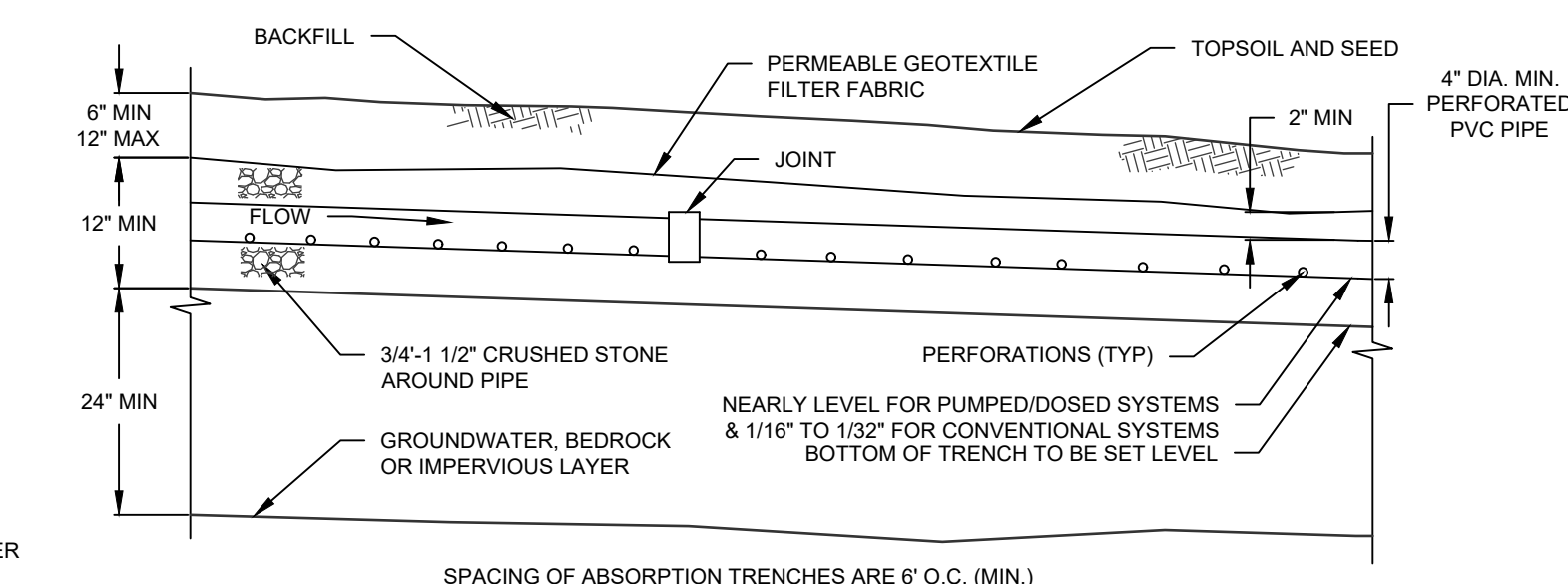
TOWN OF NEWBURGH SHEET 5 OF 8



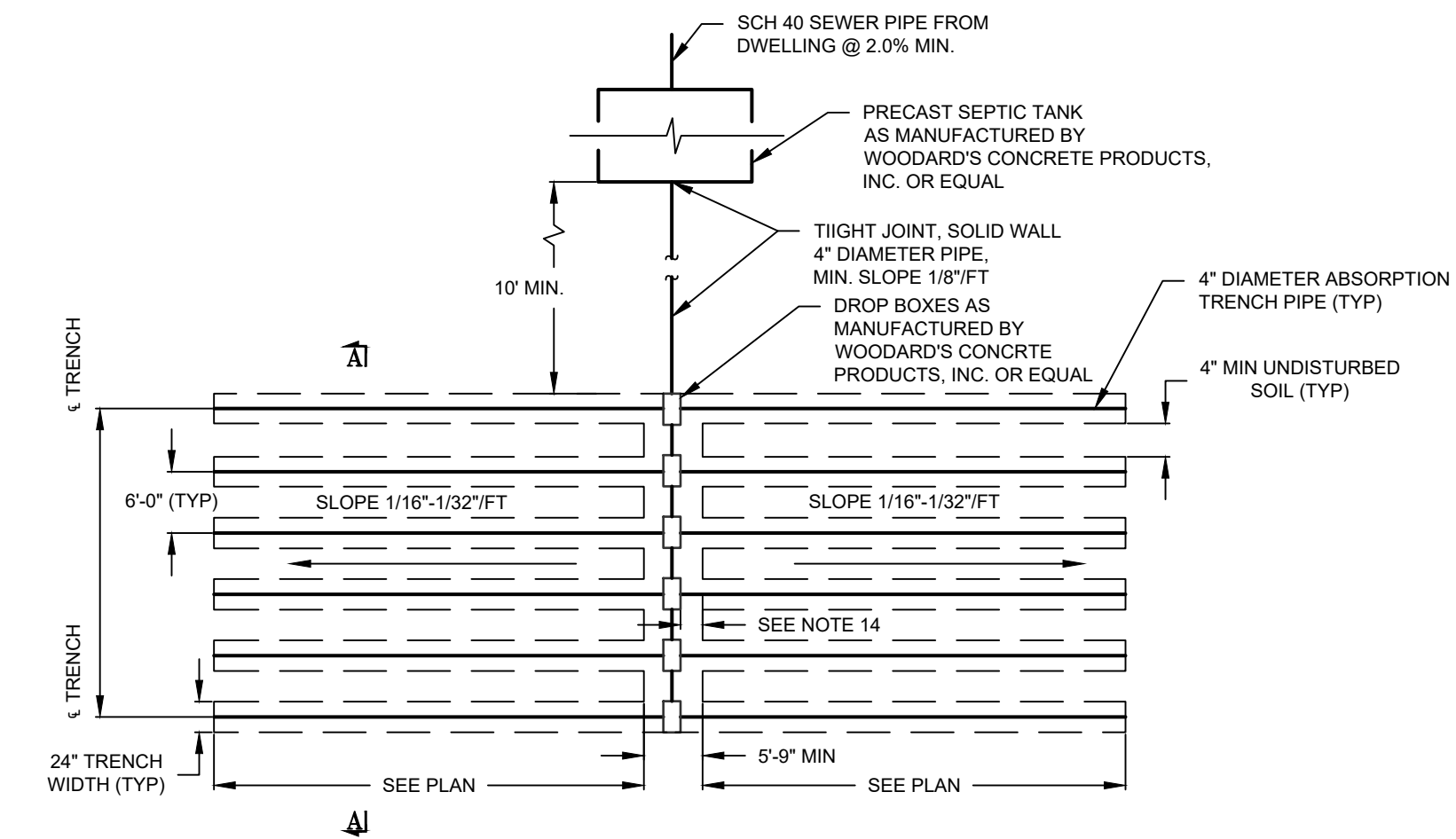
A-A TYPICAL SECTION THROUGH FIELD



TYPICAL TRENCH SECTION



TYPICAL TRENCH PROFILE



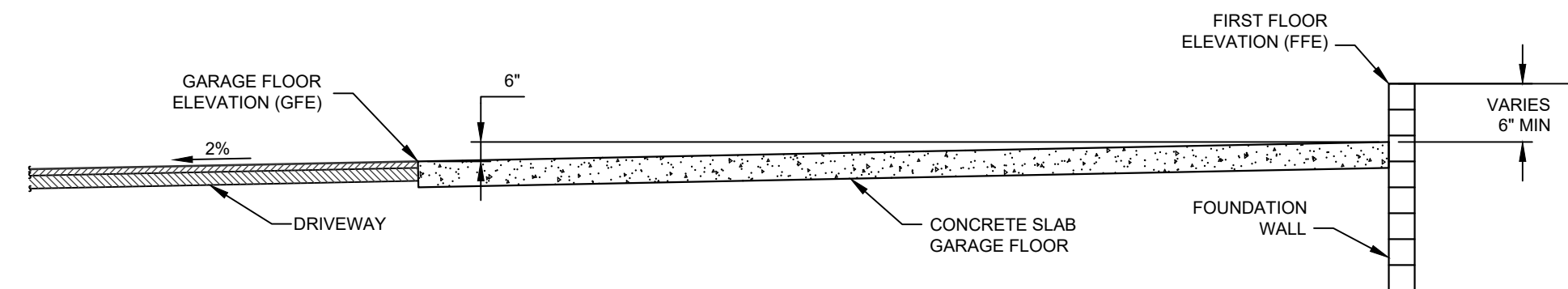
PLAN VIEW TYPICAL DROP BOX SYSTEM

- NOTES:**
- SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM THE HOUSE.
 - THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.
 - GARAGE GRINDERS AND JACUZZI TYPE SPA TUBS OVER 100 GALLONS ARE NOT PERMITTED WITHOUT THE SYSTEM BEING REDESIGNED AND REAPPROVED BY THE TOWN OF MAMAKATING.
 - CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF THE TILE FIELDS OR WELLS.
 - SWIMMING POOLS, DRIVEWAYS AND/OR STRUCTURES THAT MAY COMPACT THE SOIL ARE NOT TO BE CONSTRUCTED OVER TILE FIELDS.
 - ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC TANK, AND ALL PIPES AND COVERS.
 - NO TRENCHES TO BE INSTALLED IN WET SOIL.
 - RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.
 - GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY DISTRIBUTION OR DROP BOX.
 - ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION, "INDIVIDUAL RESIDENTIAL WASTEWATER TREATMENT SYSTEMS, DESIGN HANDBOOK", LATEST EDITION, AND APPENDIX 75-A OF THE NEW YORK STATE DEPARTMENT OF HEALTH.
 - ABSORPTION TRENCH PIPE TO BE CAPPED AT END.
 - ABSORPTION SYSTEM TO BE LOCATED A MINIMUM 10' AWAY FROM ANY DWELLING UNIT.
 - SEPTIC TANK JOINTS MUST BE SEALED AND TESTED FOR WATERTIGHTNESS.
 - PROVIDE 30' OF SOLID PIPE PRIOR TO START OF PERFORATED ABSORPTION PIPE AND BE BACKFILLED WITH NATIVE MATERIAL.
 - THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE DWELLING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
 - DROP BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING.
 - HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO TO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.

- INSTALLATION:**
- ABSORPTION TRENCH BOTTOMS TO BE SET LEVEL.
 - THE PERFORATED DISTRIBUTION PIPE SHALL BE SLOPED AT 1/32" TO 1/16".
 - PERFORATIONS ON DISTRIBUTION PIPE SHALL BE INSTALLED WITH THE PERFORATIONS FACING DOWN.

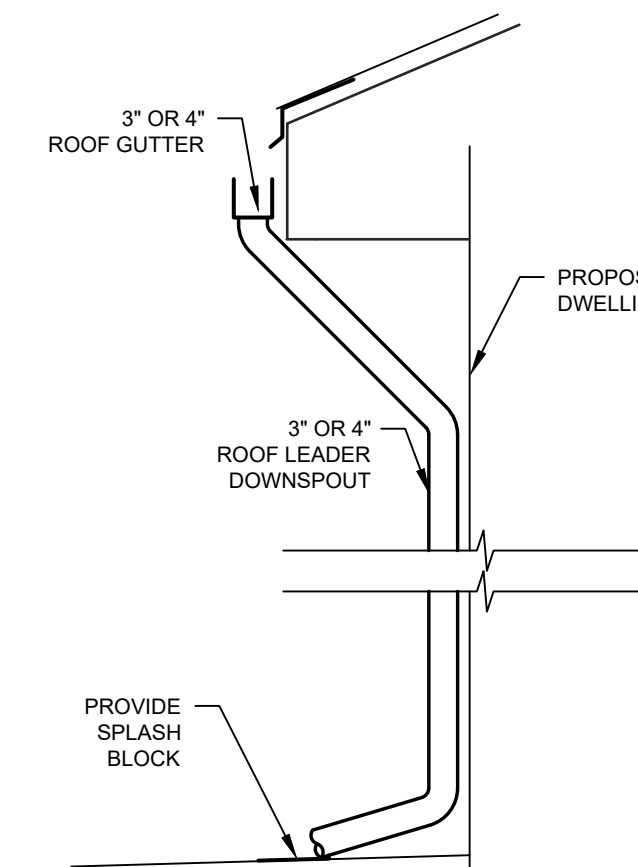
ABSORPTION TILE FIELD DROP BOX

SCALE: N.T.S.



TYPICAL GARAGE ELEVATION SECTION

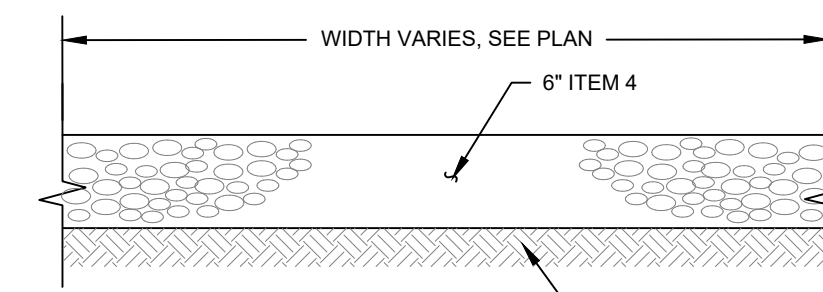
SCALE: N.T.S.



- NOTES:**
- IN ACCORDANCE WITH NYSDEC STORMWATER GREEN INFRASTRUCTURE REQUIREMENTS, ALL ROOF LEADER DOWNSPOUTS SHALL DISCHARGE EFFLUENT ALONG THE SURFACE FOR INFILTRATION.
 - CONNECTION OF ROOF LEADERS TO CLOSED SYSTEMS IS PROHIBITED.
 - HOMEOWNERS SHALL MAINTAIN SPLASH BLOCK LAWN AREA AS SHOWN ON THE PLANS TO PROVIDE INFILTRATION OF STORMWATER ROOF RUNOFF.

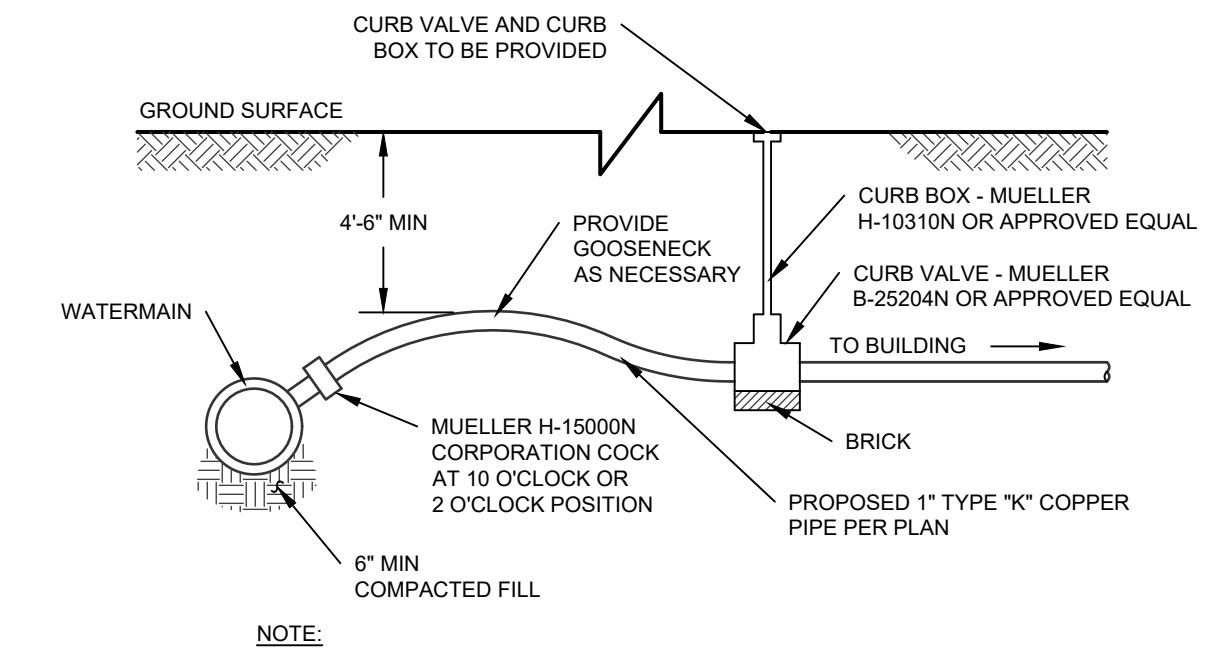
ROOF LEADER AND SPLASH PAD

SCALE N.T.S.



GRAVEL ACCESS ROAD

SCALE: N.T.S.



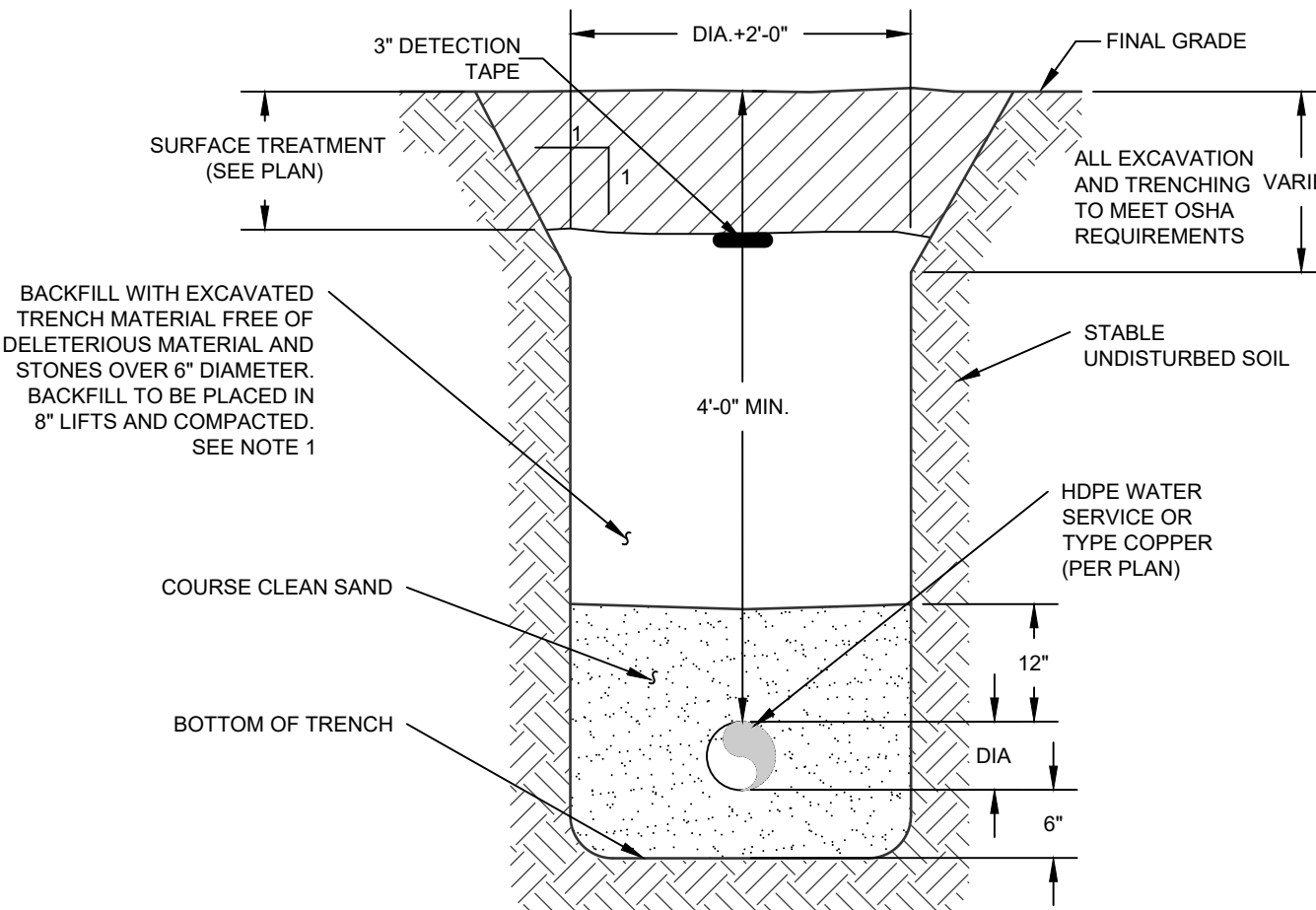
- NOTE:**
- ALL CONNECTIONS SHALL BE COMPRESSION FITTING ONLY.

WATER SERVICE CONNECTION

SCALE: N.T.S.

TOWN OF NEWBURGH WATER SYSTEM NOTES

- CONSTRUCTION OF POTABLE WATER UTILITIES AND CONNECTION TO THE TOWN OF NEWBURGH WATER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH WATER DEPARTMENT. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE NYSDOH AND THE TOWN OF NEWBURGH.
- ALL WATER SERVICE LINES FOUR (4) INCHES AND LARGER IN DIAMETER SHALL BE CEMENT LINED CLASS 52 DUCTILE IRON PIPE CONFORMING TO ANSIAWWA C151A21.51 FOR DUCTILE IRON PIPE, LATEST REVISION. JOINTS SHALL BE EITHER PUSH-ON OR MECHANICAL JOINT AS REQUIRED.
- THRUST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT. THRUST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINT SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE WITH RETAINER GLANDS. ALL FITTINGS AND VALVES SHALL ALSO BE INSTALLED WITH RETAINER GLANDS FOR JOINT RESTRAINT. RETAINER GLANDS SHALL BE EBBA IRON MEGALUG SERIES 1100 OR APPROVED EQUAL. THE USE OF A MANUFACTURED RESTRAINED JOINT PIPE IS ACCEPTABLE WITH PRIOR APPROVAL OF THE WATER DEPARTMENT.
- ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON, MECHANICAL JOINT, CLASS 250 AND CONFORM TO ANSIAWWA C10A21.10 FOR DUCTILE AND GRAY IRON FITTINGS OR ANSIAWWA C153A21.53 FOR DUCTILE IRON COMPACT FITTINGS, LATEST REVISION.
- ALL VALVES 4 TO 12 INCHES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO ANSIAWWA C509 SUCH AS MUELLER MODEL A-2360-23 OR APPROVED EQUAL. ALL GATE VALVES SHALL OPEN LEFT (COUNTERCLOCKWISE).
- TAPPING SLEEVE SHALL BE MECHANICAL JOINT SUCH AS MUELLER H-615 OR EQUAL. TAPPING VALVES 4 TO 12 INCHES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO ANSIAWWA C509 SUCH AS MUELLER MODEL T-2360-19 OR APPROVED EQUAL. ALL TAPPING SLEEVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM. TESTING OF THE TAPPING SLEEVE AND VALVE MUST BE WITNESSED AND ACCEPTED BY THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE.
- ALL HYDRANTS SHALL BE LOW-EDDY F-2640 CONFORMING TO AWWA STANDARD C-502, LATEST REVISION. ALL HYDRANTS SHALL INCLUDE A 5/8 INCH MAIN VALVE OPENING, TWO 2 1/2 INCH DIAMETER NPT HOSE NOZZLES, ONE 4 INCH NPT STEAMER NOZZLE, A 6 INCH DIAMETER INLET CONNECTION AND A 1 1/2 INCH PENTAGON OPERATING NUT. ALL HYDRANTS SHALL OPEN LEFT (COUNTERCLOCKWISE). HYDRANTS ON MAINS TO BE DEDICATED TO THE TOWN SHALL BE EQUIPPED WITH YELLOW HYDRANTS LOCATED ON PRIVATE PROPERTY SHALL BE RED.
- ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING. CORPORATION STOPS SHALL BE MUELLER H-1500N FOR 1/2 AND 1 INCH, MUELLER H-1500N OR B-2500N FOR 1 1/2 AND 2 INCH SIZES. CURB VALVES SHALL BE MUELLER H-1502-2N FOR 1/2 AND 1 INCH AND MUELLER B-25204N FOR 1 1/2 AND 2 INCH SIZES. CURB BOXES SHALL BE MUELLER H-10314N FOR 1/2 AND 1 INCH AND MUELLER H-10310N FOR 1 1/2 AND 2 INCH SIZES.
- ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF NEWBURGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT.
- THE WATER MAIN SHALL BE TESTED, DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING, DISINFECTION AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT. PRIOR TO PUTTING THE WATER MAIN IN SERVICE SATISFACTORY SANITARY RESULTS FROM A CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH WATER DEPARTMENT. THE TEST SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY THE WATER DEPARTMENT.
- THE FINAL LAYOUT OF THE PROPOSED WATER AND/OR SEWER CONNECTION, INCLUDING ALL MATERIALS, SIZE AND LOCATION OF SERVICE AND ALL APPURTENANCES, IS SUBJECT TO THE REVIEW AND APPROVAL OF THE TOWN OF NEWBURGH WATER AND/OR SEWER DEPARTMENT. NO PERMITS SHALL BE ISSUED FOR A WATER AND/OR SEWER CONNECTION UNTIL A FINAL LAYOUT IS APPROVED BY THE RESPECTIVE DEPARTMENT.
- CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING WATER AND SEWER UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR TO CALL UNDERGROUND MARK-OUT AT LEAST 2 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION AT 1-800-962-7962 FOR COMPLETE UTILITIES MARKOUT.
- CONTRACTOR TO CONTACT TOWN OF NEWBURGH WATER DEPARTMENT AT (845) 564-7813 AT LEAST 2 DAYS PRIOR TO CONSTRUCTION.
- CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DEVIATION FROM HORIZONTAL OR VERTICAL ALIGNMENTS WITH REGARDS TO EXISTING UTILITIES BEFORE PROCEEDING.
- A CERTIFIED AS BUILT MAP OF THE WATER SYSTEM IMPROVEMENTS SHALL BE PROVIDED TO THE TOWN OF NEWBURGH WATER DEPARTMENT BY A LICENSED DESIGN PROFESSIONAL.
- ALL APARTMENT UNITS AND THE CLUBHOUSE ARE TO BE INDIVIDUALLY METERED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS.
- ALL PIPE, FIXTURES AND FITTINGS MUST COMPLY WITH THE FEDERAL "SAFE DRINKING WATER ACT", SECTION 1417 WHICH REQUIRES ALL SURFACES IN CONTACT WITH POTABLE WATER CONTAIN NO MORE THAN 0.25% LEAD BY WEIGHT.
- THE TOWN OF NEWBURGH COMMISSIONER OF PUBLIC WORKS OR HIS DESIGNATED REPRESENTATIVE MUST BE INFORMED OF ANY HYDROSTATIC OR BACTERIOLOGICAL TESTING TO PERMIT THE TESTING TO BE WITNESSED.
- THE TOWN OF NEWBURGH COMMISSIONER OR PUBLIC WORKS OR HIS DESIGNATED REPRESENTATIVE MUST ACCEPT HYDROSTATIC AND BACTERIOLOGICAL TEST RESULTS AS ADEQUATE.



- NOTE:**
- ALL FILL BELOW BUILDINGS, PAVEMENT AREAS, SIDEWALKS, CURBS, ETC. SHALL BE WITH R.O.B. GRAVEL (NYS DOT SPEC) FOR THE FULL DEPTH OF THE EXCAVATION. BACKFILL SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST.

WATER PIPE TRENCH

SCALE: N.T.S.

No.	DATE	DESCRIPTION
1	10/05/22	REVISED PER PB COMMENTS
2	10/31/22	REVISED LOT LAYOUT
3	03/23/23	REVISED GRADING FOR DRIVEWAY LAYOUT

DRAWING STATUS	ISSUE DATE:
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	03/23/2023
	SHEET NUMBER
<input type="checkbox"/> CONCEPT APPROVAL	N/A OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	6 OF 8
<input type="checkbox"/> OGDH REALTY SUBDIVISION APPROVAL	N/A OF N/A
<input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A OF N/A
<input type="checkbox"/> NYS DOT APPROVAL	N/A OF N/A
<input type="checkbox"/> OTHER	N/A OF N/A
<input type="checkbox"/> FOR BID	N/A OF N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A OF N/A

THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).

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[Signature]

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ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701

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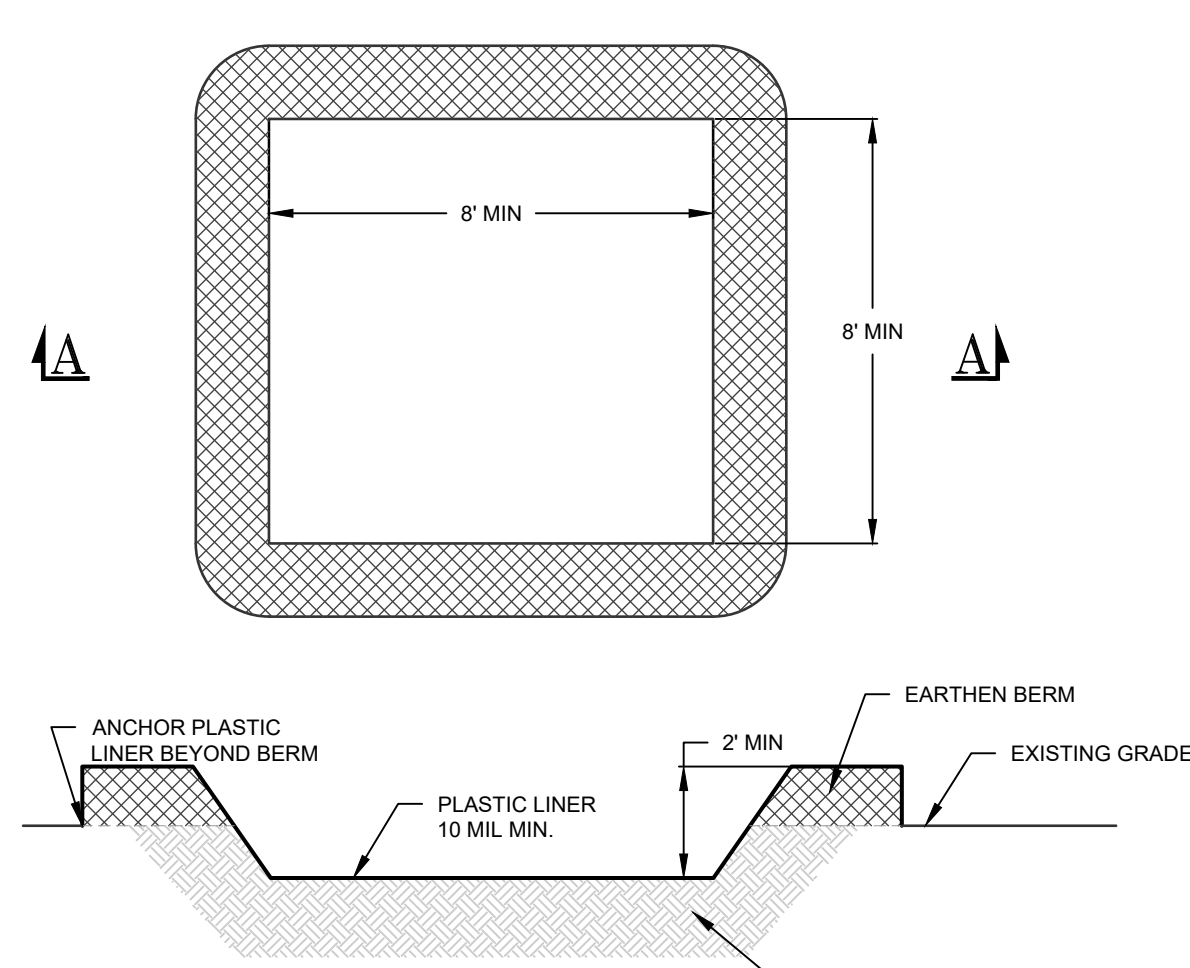
MONTGOMERY OFFICE
71 CLINTON STREET
MONTGOMERY, NY 12549
Ph: (845) 457-7727
WWW.EP-PC.COM

DETAILS

CHADWICK WOODS
ROUTE 300
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

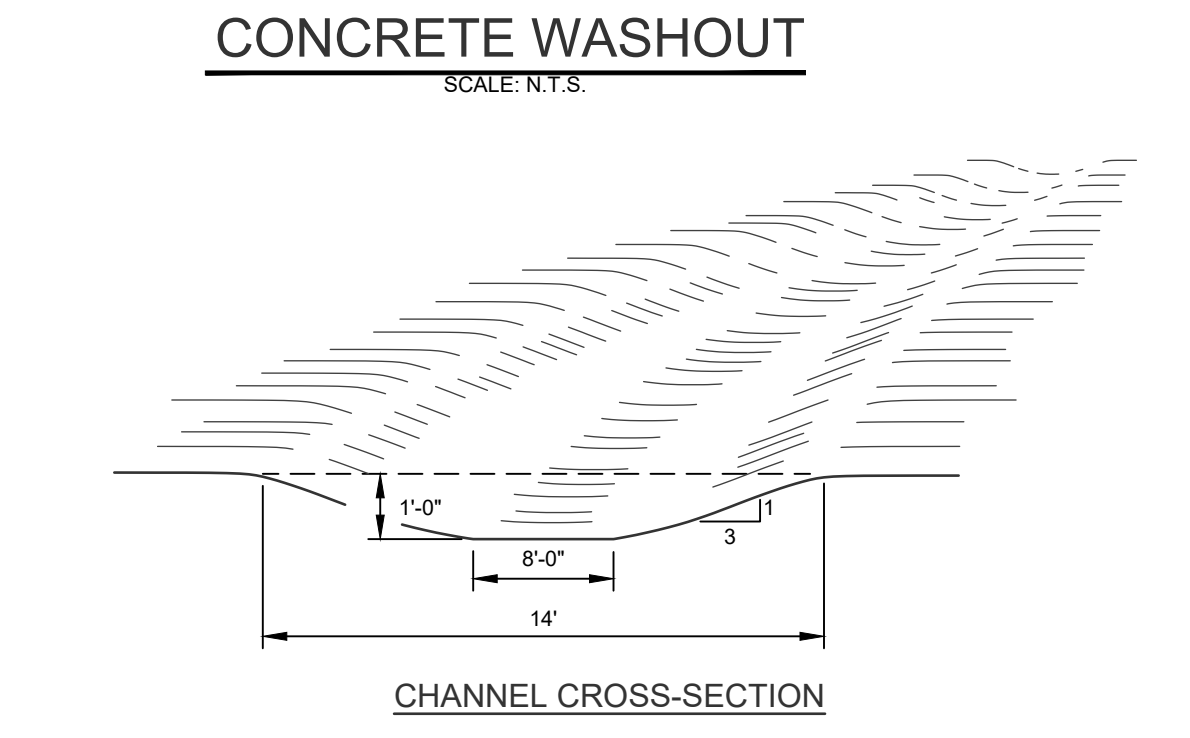
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DATE: 08/01/2022 SCALE: AS NOTED
REVISION: 3 - 03/23/23 TAX LOT: 14-1-51

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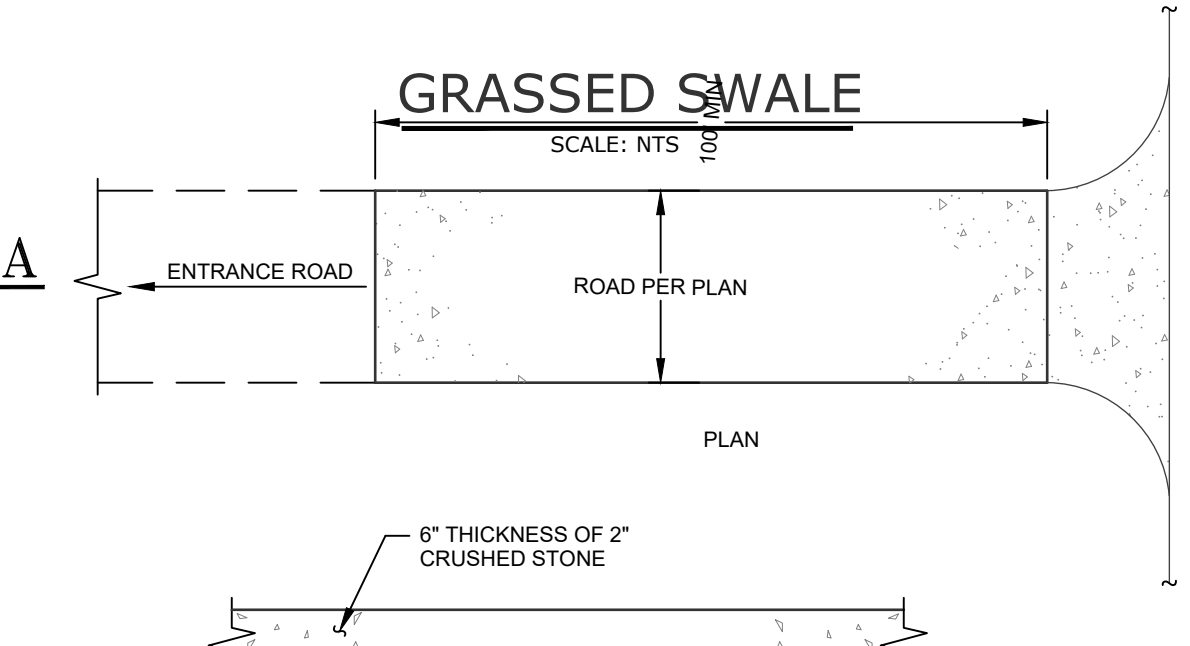
CONCRETE WASHOUT
SCALE: N.T.S.

NOTE:
1. PLASTIC LINER SHALL BE INSPECTED DAILY TO ENSURE THAT THERE ARE NO HOLES OR TEARS. IF ANY HOLES OR TEARS ARE FOUND THE LINER SHALL BE REPLACED AND CLEANED IMMEDIATELY. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
2. WASHOUT FACILITY SHALL BE LOCATED A MINIMUM OF 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS OR OTHER SURFACE WATERS.
3. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF.
4. DISPOSE OF THE HARDENED MATERIAL OFF-SITE IN A CONSTRUCTION/DEMOLITION LANDFILL.



CONSTRUCTION SPECIFICATIONS:

- ROLLED EROSION CONTROL PRODUCT (RECP'S) SHALL BE USED ON ALL CONSTRUCTED SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL.
- PREPARATION OF THE SOIL INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED SHALL BE COMPLETED PRIOR TO INSTALLATION OF ANY RECP'S.
- INSTALL RECP - NORTH AMERICAN GREEN BIONET S150BN OR APPROVED EQUAL. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACE APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S.
- ROLL THE RECP'S DOWN THE SLOPE OR HORIZONTALLY ACROSS THE SLOPE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE PRODUCT'S STAPLE PATTERN GUIDE.
- THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" TO 5" OVERLAP DEPENDING ON RECP'S TYPE.
- CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS THE ENTIRE RECP'S WIDTH.

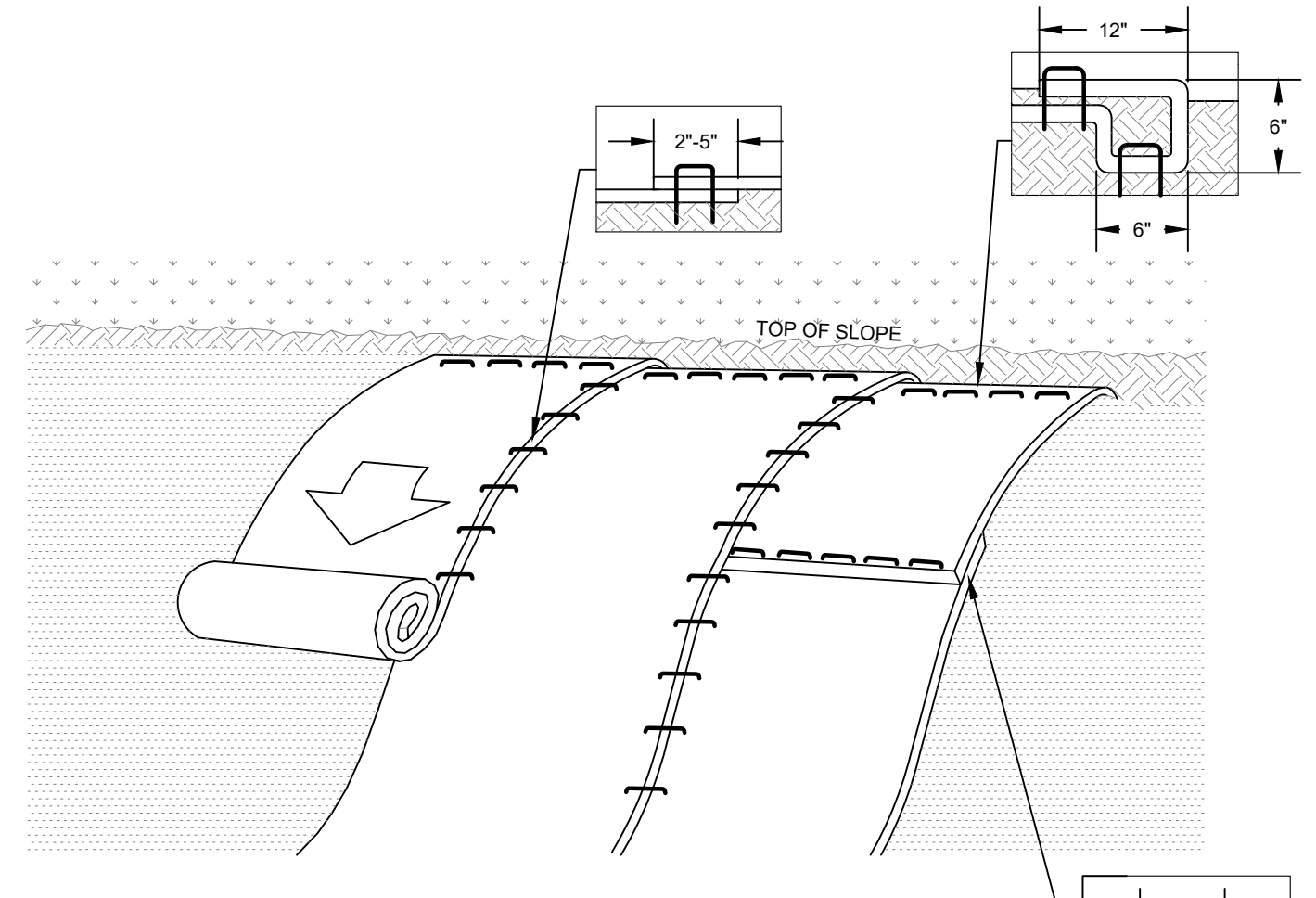


CONSTRUCTION SPECIFICATIONS:

- ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE WATERWAY.
- THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE. GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF OUTSIDE THE WETLAND SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
- STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARDS AND SPECIFICATIONS FOR VEGETATIVE PRACTICES. SEEDING AND MULCHING SHALL BE USED FOR ESTABLISHMENT OF THE VEGETATION. VEGETATION PROVIDED SHALL BE REED CANARYGRASS, TALL FESCUE, KENTUCKY BLUEGRASS.

STABILIZED CONSTRUCTION ENTRANCE
SCALE: N.T.S.

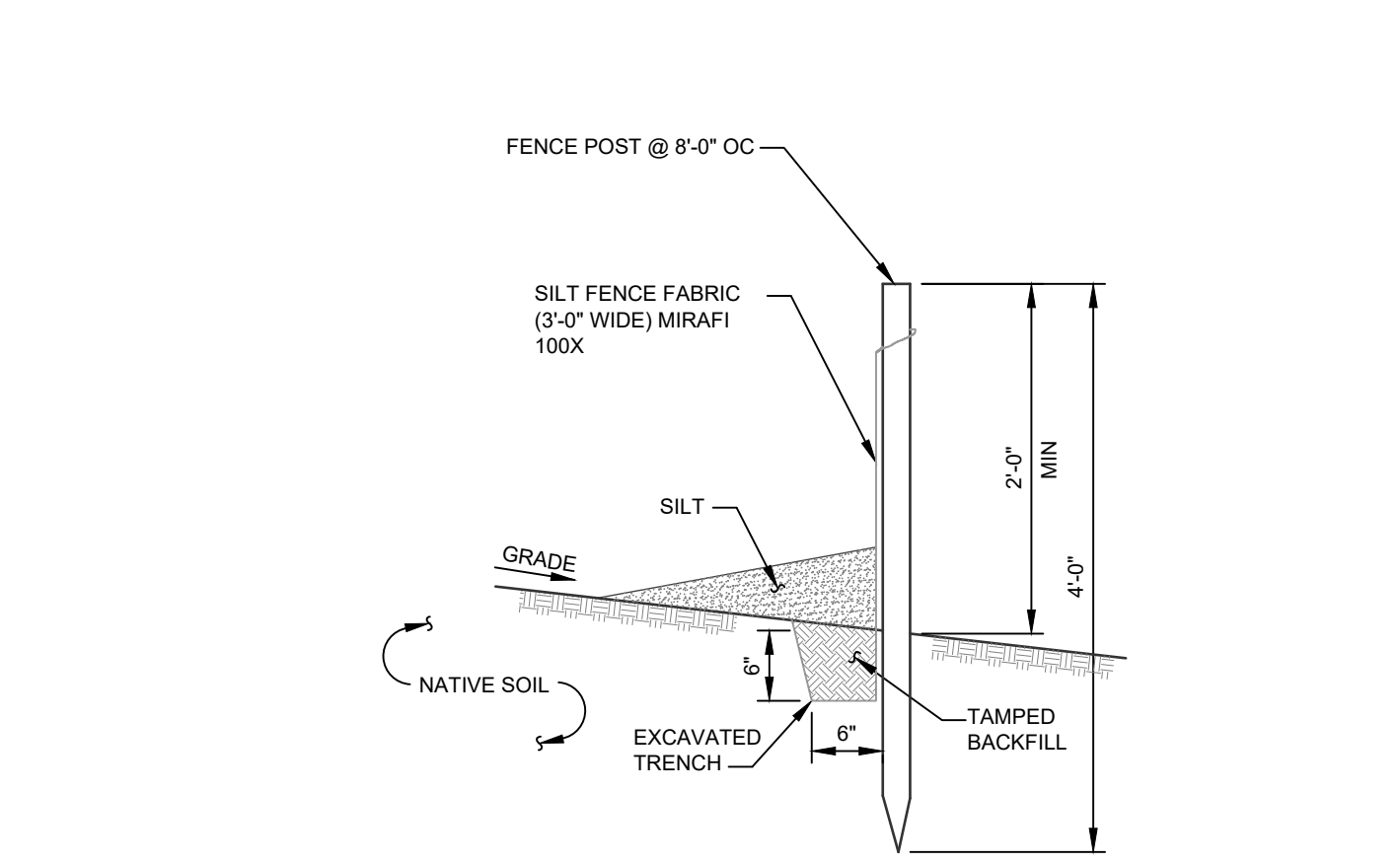
NOTE:
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. WIDTH - 35 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
4. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
6. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



CONSTRUCTION SPECIFICATIONS:

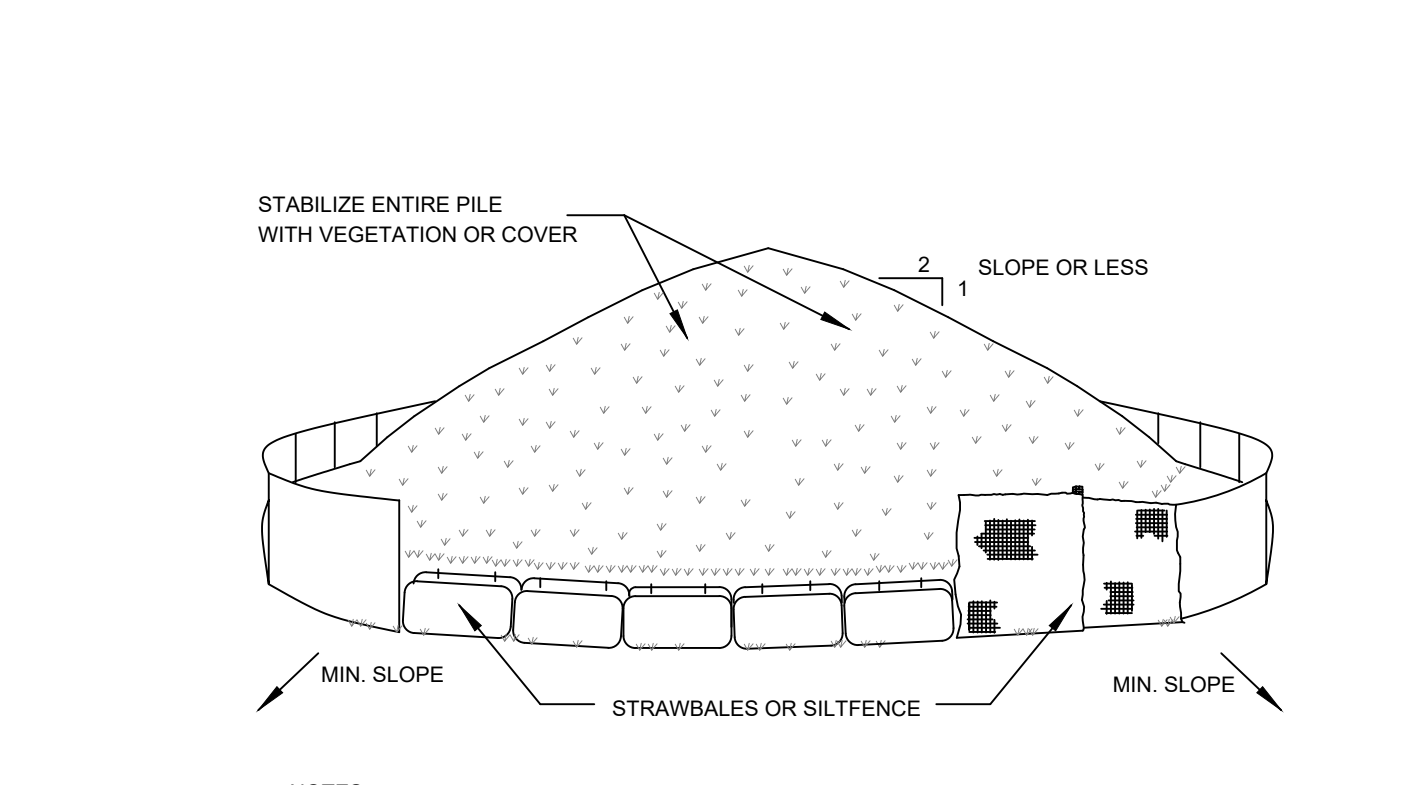
- STONE SHALL BE MAXIMUM SIZE OF 12" WITH 50 TO 100 PERCENT BY WEIGHT LARGER THAN 6" AND 0 TO 10 PERCENT SMALLER THAN 1/2".
- FILTER FABRIC SHALL BE POLY-FILTER X CLOTH AS MANUFACTURED BY CARTHAGE MILLS
- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION AT LOCATIONS SHOWN ON THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

STONE CHECK DAM
SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS:

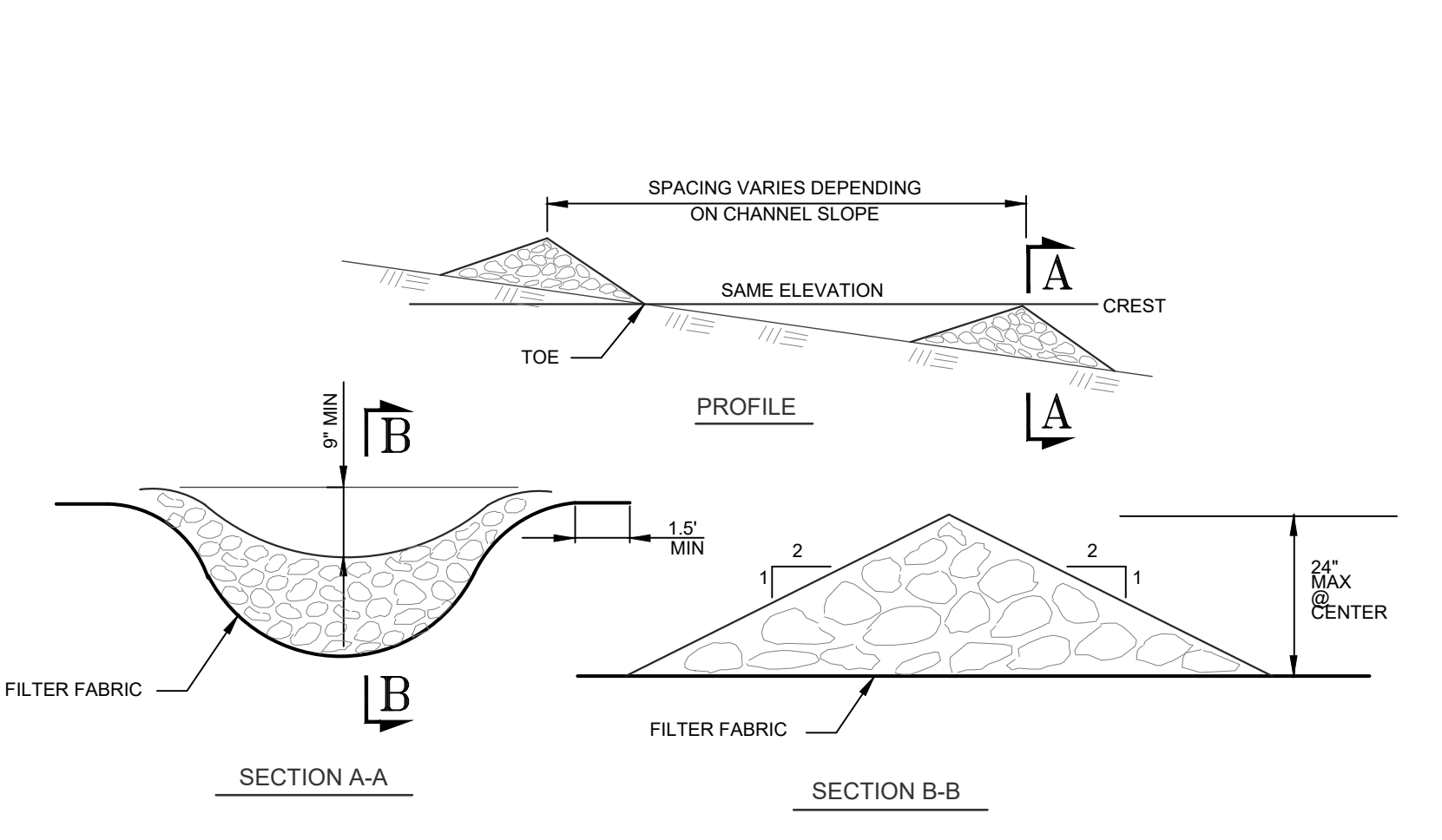
- SILT FENCE TO BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.



CONSTRUCTION SPECIFICATIONS:

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
- SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

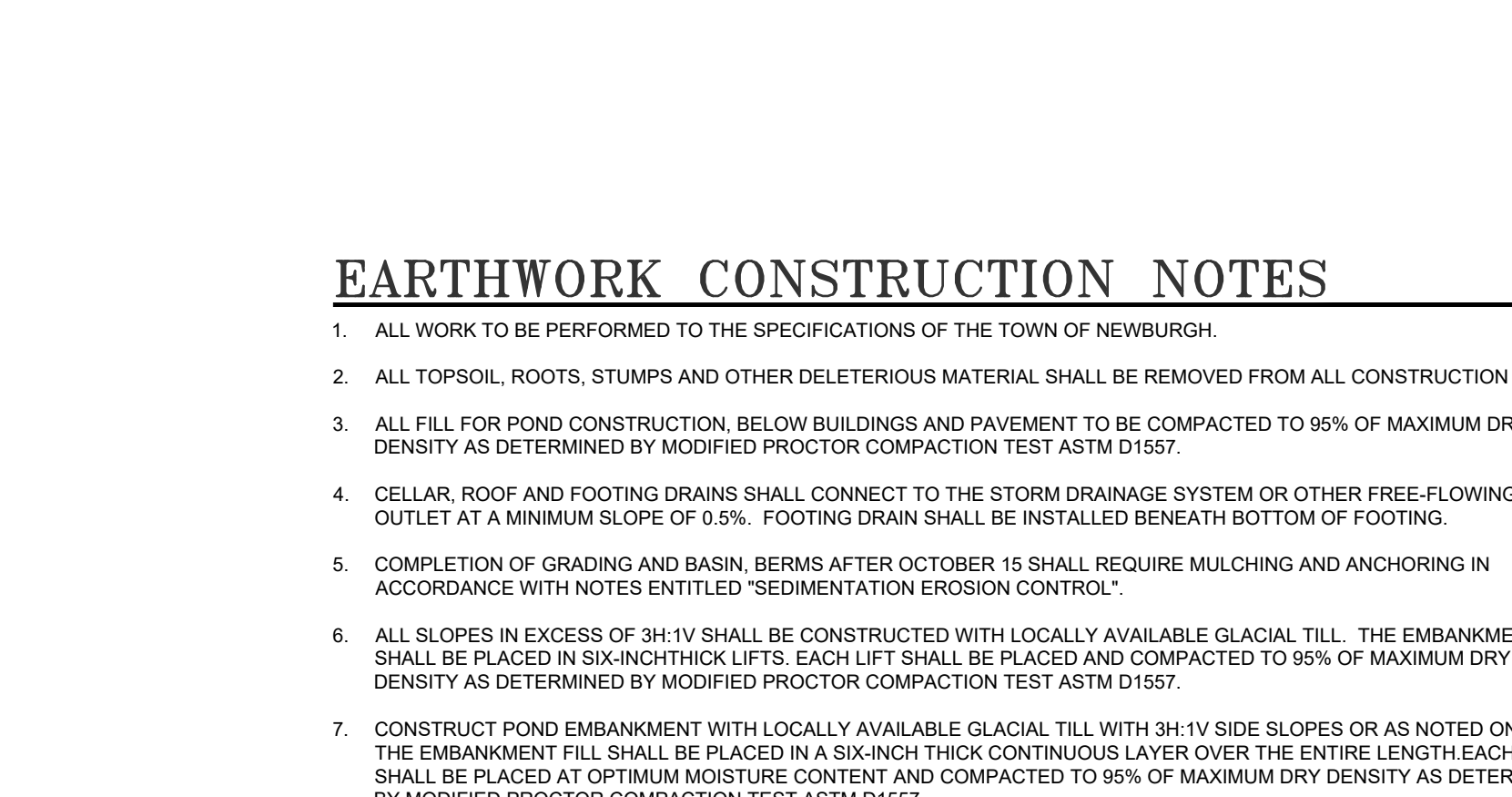
SOIL STOCKPILING
SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS:

- STONE SHALL BE MAXIMUM SIZE OF 12" WITH 50 TO 100 PERCENT BY WEIGHT LARGER THAN 6" AND 0 TO 10 PERCENT SMALLER THAN 1/2".
- FILTER FABRIC SHALL BE POLY-FILTER X CLOTH AS MANUFACTURED BY CARTHAGE MILLS
- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION AT LOCATIONS SHOWN ON THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
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- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

STONE CHECK DAM
SCALE: N.T.S.



CONSTRUCTION SPECIFICATIONS:

- ALL WORK TO BE PERFORMED TO THE SPECIFICATIONS OF THE TOWN OF NEWBURGH.
- ALL TOPSOIL, ROOTS, STUMPS AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM ALL CONSTRUCTION AREAS.
- ALL FILL FOR POND CONSTRUCTION, BELOW BUILDINGS AND PAVEMENT TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
- CELLAR, ROOF AND FOOTING DRAINS SHALL CONNECT TO THE STORM DRAINAGE SYSTEM OR OTHER FREE-FLOWING OUTLET AT A MINIMUM SLOPE OF 0.5%. FOOTING DRAIN SHALL BE INSTALLED BENEATH BOTTOM OF FOOTING.
- COMPLETION OF GRADING AND BASIN, BERMS AFTER OCTOBER 15 SHALL REQUIRE MULCHING AND ANCHORING IN ACCORDANCE WITH NOTES ENTITLED "SEDIMENTATION EROSION CONTROL".
- ALL SLOPES IN EXCESS OF 3H:1V SHALL BE CONSTRUCTED WITH LOCALLY AVAILABLE GLACIAL TILL. THE EMBANKMENT FILL SHALL BE PLACED IN SIX-INCH THICK LIFTS. EACH LIFT SHALL BE PLACED AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
- CONSTRUCT POND EMBANKMENT WITH LOCALLY AVAILABLE GLACIAL TILL WITH 3H:1V SIDE SLOPES OR AS NOTED ON PLAN. THE EMBANKMENT FILL SHALL BE PLACED IN A SIX-INCH THICK CONTINUOUS LAYER OVER THE ENTIRE LENGTH. EACH LIFT SHALL BE PLACED AT OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
- STABILIZATION OF POND BERMS, AND ALL SLOPES IN EXCESS OF 3H:1V IN ACCORDANCE WITH "EROSION AND SEDIMENTATION CONTROL NOTES".
- ALL POND OUTLETS SHALL HAVE SEEPAGE CONTROL COLLARS PLACED AT 1/3 AND 2/3 THE WIDTH OF THE EMBANKMENT.
- SOIL RESTORATION SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL REMAIN AS PVIOUS SURFACES. SOIL RESTORATION SHALL CONSIST OF THE FOLLOWING:
10.A. APPLY 3 INCHES OF COMPOST OVER SUBSOIL.
10.B. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUB-SOILS.
10.C. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
10.D. APPLY TOPSOIL TO A DEPTH OF 6 INCHES.
10.E. VEGETATE IN ACCORDANCE WITH LANDSCAPE PLAN.

No.	DATE	DESCRIPTION
1	10/05/22	REVISED PER PB COMMENTS
2	10/31/22	REVISED LOT LAYOUT
3	03/23/23	REVISED GRADING FOR DRIVEWAY LAYOUT

NO.	DATE	DESCRIPTION
1	10/05/22	REVISED PER PB COMMENTS
2	10/31/22	REVISED LOT LAYOUT
3	03/23/23	REVISED GRADING FOR DRIVEWAY LAYOUT

SEQUENCE OF CONSTRUCTION ACTIVITY

- PRE-CONSTRUCTION: NOTIFY APPROPRIATE MUNICIPAL AND UTILITY OFFICIALS 3 DAYS PRIOR TO START OF CONSTRUCTION.
- CONSTRUCTION STAGING: STAKE OUT LIMIT OF DISTURBANCE. INSTALL SILT FENCE DOWN HILL OF PROPOSED CONSTRUCTION. INSTALL ORANGE CONSTRUCTION FENCING ALONG THE LIMITS OF DISTURBANCE NEAR WETLAND AREAS. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND STABILIZE CONSTRUCTION ROAD(S). INSTALL PERMANENT/TEMPORARY GRASSED SWALES.
- CLEARING AND GRUBBING: REMOVE VEGETATION FROM AREA OF CONSTRUCTION. STRIP TOPSOIL AND STOCKPILE IN AREAS SHOWN ON THE PLAN. INSTALL SEDIMENT BARRIERS AROUND AND ESTABLISH TEMPORARY VEGETATION ON TOPSOIL STOCKPILES.
- ROUGH GRADING: CUT AND FILL SITE TO APPROXIMATE ELEVATIONS SHOWN ON THE PLAN. IMPLEMENT DUST CONTROL MEASURES AS NECESSARY. ESTABLISH PERMANENT STABILIZATION IN AREAS THAT ARE COMPLETE. ESTABLISH TEMPORARY STABILIZATION ON AREAS THAT WILL BE GRADED AGAIN MORE THAN 21 DAYS FROM LAST DISTURBANCE.
- ROADBUILDING CONSTRUCTION AND UTILITY INSTALLATION: FINAL GRADING AND CONSTRUCTION OF ROADWAYS. BUILDING EXCAVATION AND CONSTRUCTION. INSTALL UTILITIES. ENSURE ALL EROSION CONTROL MEASURES ARE IN WORKING ORDER.
- FINAL GRADING AND LANDSCAPING: COMPLETE FINE GRADING OF SITE. SPREAD TOPSOIL AND PREPARE FOR PERMANENT SEEDING AND PLANTING. ESTABLISH PERMANENT VEGETATION IN ALL REMAINING UNSTABILIZED AREAS. INSTALL ALL SITE LANDSCAPING AND PLANTINGS.
- POST CONSTRUCTION: UPON STABILIZATION OF THE SITE AND ESTABLISHMENT OF ALL VEGETATION COVER, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES SUCH AS SILT FENCE. REMOVE ALL SILT AND DEBRIS FROM THE SITE INCLUDING ROADWAYS AND STORM DRAINS.

EROSION AND SEDIMENTATION CONTROL NOTES

- SITE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM NECESSARY GRADING AND VEGETATION REMOVAL REQUIRED FOR CONSTRUCTION.
- TEMPORARY EROSION CONTROL MEASURES, INCLUDING SILT FENCES AND/OR STRAW BALE DIKES, SEDIMENT BASIN, TEMPORARY DIVERSION SWALE DRAINAGE STRUCTURES, AND RIP-RAP PROTECTION SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING AND CONSTRUCTION.
- ALL DISTURBED AREAS SHALL BE SEEDDED AND MULCHED AS SOON AS PRACTICAL. FOLLOWING DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF VEGETATION:
3.1. AN ADEQUATE SEEDBED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND OBSTACLES.
3.2. LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY PH OF 6.0 TO 7.0.
3.3. FERTILIZER (5-10-10 MIXTURE OR EQUIVALENT) SHALL BE APPLIED PER SOIL TEST RESULTS OR AT A RATE OF 600 LBS. PER ACRE.
3.4. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 30 DAYS SHALL BE SEEDDED AT THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER: 30 LBS. RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE. DURING THE WINTER, USE 100 LBS. CERTIFIED "AROSTOOK" WINTER RYE (CEREAL RYE) PER ACRE.
3.5. PERMANENT SEEDING SHALL BE APPLIED ON 4" MIN TOPSOIL AT THE FOLLOWING RATE:
8 LBS EMPIRE BIRDSFOOT TREFLOIL OR COMMON WHITE CLOVER PER ACRE PLUS
20 LBS TALL FESCUE PER ACRE PLUS
2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE
3.6. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING, UNLESS OTHERWISE APPROVED.
3.7. ALL DISTURBED AREAS SHALL BE STABILIZED SUBSEQUENT TO SEEDING BY APPLYING 2 TONS OF STRAW MULCH PER ACRE. STRAW MULCH SHALL BE ANCHORED BY APPLYING 750 LBS OF WOOD FIBER MULCH PER ACRE WITH A HYDROSEEDER, OR TUCKING THE MULCH WITH SMOOTH DISCS OR OTHER MULCH ANCHORING TOOLS TO A DEPTH OF 3". MULCH ANCHORING TOOLS SHALL BE PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DRAINAGE STRUCTURES SHALL BE INSPECTED FOLLOWING EVERY RAIN EVENT, AND MAINTENANCE AND REPAIRS SHALL BE PERFORMED PROMPTLY TO MAINTAIN PROPER FUNCTION. TRAPPED SEDIMENT SHALL BE REMOVED AND DEPOSITED IN A PROTECTED AREA IN A PROPER MANNER WHICH WILL NOT RESULT IN EROSION.
- TEMPORARY CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED AND GROUND COVER IS COMPLETELY REESTABLISHED. FOLLOWING STABILIZATION, TEMPORARY MEASURES SHALL BE REMOVED TO AVOID INTERFERENCE WITH DRAINAGE.
- ALL STORM INLETS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION.
- SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN SUFFICIENT QUANTITIES.
- MULCH NETTING SUCH AS PAPER, JUTE, EXCELSIOR, COTTON OR PLASTIC MAY BE USED. STAPLE IN PLACE. OVER HAY OR STRAW MULCH. USE A DEGRADABLE NETTING IN AREAS TO BE MOVED.
- STABILIZATION OF STEEP SLOPES SHALL BE ACHIEVED BY APPLYING LIME AND FERTILIZER AS SPECIFIED ABOVE AND SEEDING WITH THE FOLLOWING MIXTURE:
MATERIAL LBS/ACRE
PERENNIAL RYE GRASS 30
CROWN VETCH 12
SPREADING FESCUE 25
- OPTIMUM SEEDING PERIODS ARE 3/15-6/1 AND 8/1-10/15.
- ALL UPSTREAM SITE WORK AND STABILIZATION SHALL OCCUR BEFORE CONNECTING UNDERGROUND DETENTION/FILTRATION FACILITY TO PREVENT ANY ERODED SEDIMENTS FROM ENTERING UNDERGROUND FACILITY.
- IN ACCORDANCE WITH THE NYSDEC SPDES GP-0-20-001, THERE SHALL BE NO MORE THAN 5 ACRES DISTURBED AT ANYONE TIME.

TOWN OF NEWBURGH PLANNING BOARD APPROVAL BOX

NEWBURGH PB #2019-02

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DETAILS

CHADWICK WOODS
ROUTE 300
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1325.05 DRAWN BY: MP
DATE: 08/01/2022 SCALE: AS NOTED
REVISION: 3 - 03/23/23 TAX LOT: 14-1-51

ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701

C-303

ORIGINAL SCALE IN INCHES

ROAD TYPE	DISTANCE BETWEEN SIGNS	
	A (FT.)	B (FT.)
URBAN (≤ 30 MPH*)	100	100
URBAN (35-40 MPH*)	200	200
URBAN (≥ 45 MPH*)	350	350
RURAL	500	500

* PRECONSTRUCTION POSTED SPEED LIMIT

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	LONGITUDINAL BUFFER SPACE DISTANCE (FT.) / # OF SKIP LANES	TAPER LENGTH: L (FT.) / # OF SKIP LANES / # OF CHANNELIZING DEVICES			SHOULDER TAPER LENGTH: L / 3 (FT.) / # OF SKIP LANES / # OF CHANNELIZING DEVICES		
		FOR LANE WIDTH IN FT. (LATERAL SHIFT OF TRAFFIC FLOW PATH)			FOR SHOULDER WIDTH		
		10	11	12	≤ 4 FT.	5-7 FT.	≥ 8 FT.
25	155 / 4	120 / 3 / 4	120 / 3 / 4	120 / 3 / 4	40 / 1 / 2	40 / 1 / 2	40 / 1 / 2
30	200 / 5	160 / 4 / 5	160 / 4 / 5	200 / 5 / 6	40 / 1 / 2	40 / 1 / 2	40 / 1 / 2
35	250 / 6	200 / 5 / 6	240 / 6 / 7	240 / 6 / 7	40 / 1 / 2	40 / 1 / 2	80 / 2 / 3
40	305 / 8	280 / 7 / 8	320 / 8 / 9	320 / 8 / 9	40 / 1 / 2	80 / 2 / 3	80 / 2 / 3
45	360 / 9	440 / 11 / 12	520 / 13 / 14	560 / 14 / 15	80 / 2 / 3	80 / 2 / 3	120 / 3 / 4
50	425 / 11	520 / 13 / 14	560 / 14 / 15	600 / 15 / 16	80 / 2 / 3	120 / 3 / 4	160 / 4 / 5
55	495 / 13	560 / 14 / 15	600 / 15 / 16	680 / 17 / 18	80 / 2 / 3	120 / 3 / 4	160 / 4 / 5

CLOSURE TYPE	ROAD TYPE & SPEED	NON-FREEWAY		
		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH
LANE CLOSURE OR ENCROACHMENT	EXPOSURE CONDITIONS ¹	P, T.M.I.A.	P, T.M.I.A.	SEE NOTE 2
	WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC	P, T.M.I.A.	SEE NOTE 2	SEE NOTE 2
SHOULDER CLOSURE OR ENCROACHMENT	OTHER HAZARDS NO WORKERS EXPOSED	P, T.M.I.A.	SEE NOTE 2	SEE NOTE 2
	WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC	P, T.M.I.A.	SEE NOTE 2	SEE NOTE 2
SHOULDER CLOSURE OR ENCROACHMENT	OTHER HAZARDS NO WORKERS EXPOSED	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2
	WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC	SEE NOTE 2	SEE NOTE 2	SEE NOTE 2

LEGEND
P: PROTECTIVE VEHICLE REQUIRED FOR EACH CLOSED LANE & EACH CLOSED PAVED SHOULDER 8' OR WIDER. IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE PROTECTIVE VEHICLE SHALL BE REPOSITIONED ACCORDINGLY.
T.M.I.A: T.M.I.A. REQUIRED

- NOTES:
1. THE EXPOSURE CONDITIONS ASSUMES THERE IS NO POSITIVE PROTECTION PRESENT
2. EITHER A PROTECTIVE VEHICLE OR THE STANDARD BUFFER SPACE SHALL BE PROVIDED

PRE CONSTRUCTION POSTED SPEED LIMIT (MPH)	ROLL AHEAD DISTANCE (FT.) / # OF SKIP LINES FOR VEHICLES	
	MIN	MAX
≥ 55	120 / 3	200 / 5
45 - 50	80 / 2	160 / 4
≤ 40	40 / 1	120 / 3

WORK ZONE PROVISIONS	MAXIMUM DEVICE SPACING (CENTER TO CENTER)	MUTCD COMPLIANT CHANNELIZING DEVICE								
		DRUMS	STANDARD CONES	TALL CONES	EXTRA TALL CONES	TEMPORARY TUBULAR MARKERS	INTERIM TUBULAR MARKERS	VERTICAL PANELS	OVERSIZED VERTICAL PANELS	TYPE III BARRICADES
INTERMEDIATE-TERM STATIONARY WORK ZONES INVOLVE WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR										
SHOULDER / MERGING / SHIFTING TAPERS	20 FT. / 40 FT.	X							X	
MARKING FOR TRANSVERSE BUMPS ¹	N/A	X ²			X ²				X ²	
TRANSVERSE DEVICE WITHIN CLOSED TRAFFIC LANE AND / OR SHOULDER	800 FT.	X		X	X			X	X	0
REMOVAL OF EXISTING GUIDE RAIL	80 FT. / 40 FT.	X		X	X	X		X	X	0

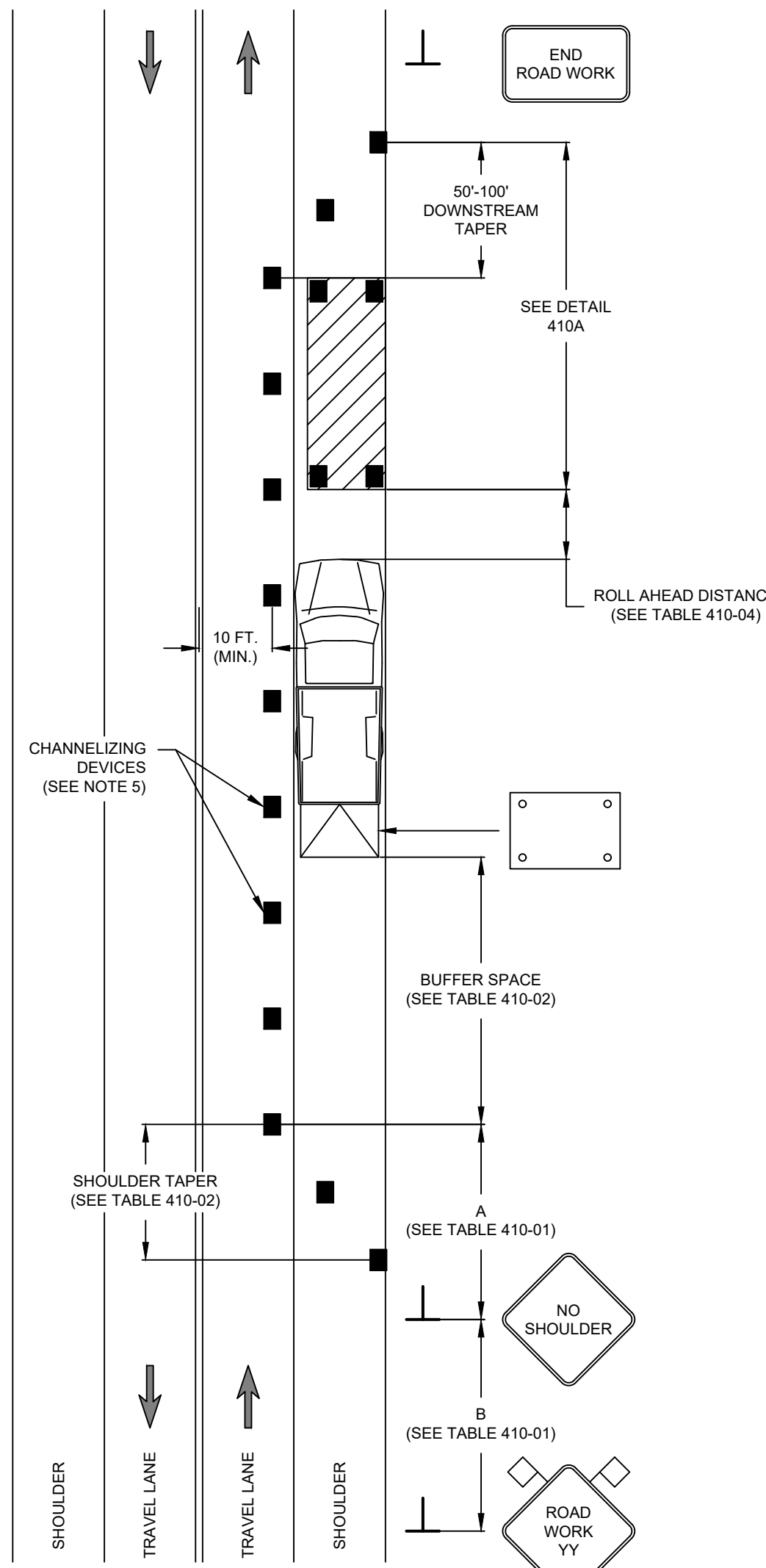
- NOTES: X = ALLOWED, BLANK = NOT ALLOWED, 0 = OPTIONAL * SEE NOTE 5
1. A TYPE I OBJECT MARKER MAY BE USED IN LIEU OF CHANNELIZING DEVICE
2. CHANNELIZING DEVICES SHALL BE EQUIPPED WITH A FLASHING WARNING LIGHT

SIGN	NON-FREEWAY	FREEWAY
G20-2	36 x 18	48 x 24
W20-1	36 x 36	48 x 48
W21-5	36 x 36	48 x 48
W7-3a	24 x 18	36 x 30
G20-1	36 x 18	48 x 24
WARNING FLAG	18 x 18	18 x 18

* FREEWAY SIZES MAY BE USED ON NON-FREEWAY, IF SPACE CONSTRAINTS DO NOT EXIST

TWO-LANE TWO-WAY ROADWAY SHOULDER CLOSURE INTERMEDIATE TERM OPERATION

SCALE: N.T.S.



REQUIRED TREATMENT FOR PAVEMENT EDGE DROP-OFFS

DROP-OFF HEIGHT	EDGE LINE PAVEMENT MARKINGS	SHOULDER CLOSURE	MINIMUM DRUM SPACING	MINIMUM VERTICAL PANEL SPACING	MINIMUM TUBULAR MARKERS SPACING	MINIMUM TALL CONES SPACING	SIGNS
DROP-OFF AT OR WITHIN SHOULDER							
WITHIN 4 FT. FROM TRAVEL LANE							
2 - 6 IN.	YES	YES	100 FT.	100 FT.	NO	NO	NO SHOULDER
	NO	YES	40 FT.	40 FT.	NO	NO	NO SHOULDER
6 - 24 IN.	YES	YES	40 FT.	40 FT.	NO	NO	NO SHOULDER
	NO	YES	20 FT.	20 FT.	NO	NO	NO SHOULDER
WITHIN 4 FT. FROM TRAVEL LANE							
2 - 6 IN.	YES	YES	200 FT.	200 FT.	100 FT.	100 FT.	NO SHOULDER
	NO	YES	100 FT.	100 FT.	40 FT.	40 FT.	NO SHOULDER
6 - 24 IN.	YES	YES	40 FT.	40 FT.	NO	NO	NO SHOULDER
	NO	YES	40 FT.	40 FT.	NO	NO	NO SHOULDER
DROP-OFF OUTSIDE SHOULDER EDGE							
SHOULDER WIDTH < 4 FT.							
2 - 6 IN.	YES	NO	100 FT.	100 FT.	NO	NO	LOW SHOULDER
	NO	YES	100 FT.	100 FT.	NO	NO	NO SHOULDER
6 - 24 IN.	YES	NO	40 FT.	40 FT.	NO	NO	LOW SHOULDER
	NO	YES	40 FT.	40 FT.	NO	NO	NO SHOULDER
SHOULDER WIDTH ≥ 4 FT.							
2 - 6 IN.	YES	NO	200 FT.	200 FT.	100 FT.	100 FT.	LOW SHOULDER
	NO	YES	100 FT.	100 FT.	40 FT.	40 FT.	NO SHOULDER
6 - 24 IN.	YES	NO	100 FT.	100 FT.	40 FT.	40 FT.	LOW SHOULDER
	NO	YES	40 FT.	40 FT.	NO	NO	NO SHOULDER

- NOTES:
1. THE TABLE SHOWS SPACING FOR DRUMS OF TYPE II BARRICADES. THE SPACING SHALL BE HALVED IF OTHER CHANNELIZING DEVICES ARE USED. TYPE III BARRICADES MAY BE USED INSTEAD OF DRUMS, IF SPACE PERMITS BUT NO SEPARATE PAYMENT WILL BE MADE UNLESS OTHERWISE SHOWN ON THE PLAN.
2. FOR DROP-OFF LENGTHS SHORTER THAN THE MAXIMUM DEVICE SPACING SHOWN IN TABLE 1, OR FOR DROP-OFFS AT INTERSECTIONS, THE DEVICE SPACING SHALL BE SHORTENED TO PROVIDE ADEQUATE CHANNELIZATION AS DIRECTED BY THE ENGINEER.
3. TWO FLASHING WARNING LIGHTS SHALL BE USED AT THE BEGINNING OF EACH WORK ZONE DROP-OFF.
4. THE RAMP FROM THE PAVEMENT SURFACE TO THE EXCAVATED AREA SHALL NOT EXCEED THE SLOPE SHOWN IN THE TABLE. FOR CASES WHERE NO SLOPE IS SHOWN, NO SLOPE RAMP IS REQUIRED.
5. WHENEVER, IN THE OPINION OF THE ENGINEER IT IS NOT PRACTICABLE TO ACHIEVE THE DESIRED RAMP SLOPE SHOWN IN THE TABLE, THE FLATTEST PRACTICABLE RAMP SHALL BE CONSTRUCTED AND THE DEVICE SPACING SHALL MATCH THE <7 DAY SPACING, EXCEPT POSITIVE BARRIERS SHALL BE REQUIRED FOR DROP-OFFS EXCEEDING 24 INCHES ON ROADWAYS WITH TRAFFIC VOLUMES EXCEEDING 7500 VEHICLES PER DAY.
6. AT THE CONTRACTOR'S OPTION, REQUIRED 1:2 RAMP SPACING MAY BE FLATTENED TO 1:4 AND DEVICE SPACING INCREASE TO 200 FEET.
7. FOR DROP-OFFS LOCATED MORE THAN 10 FEET FROM THE EDGE OF THE TRAVEL LANE, RAMPING SHALL NOT BE REQUIRED AND THE REQUIRED SPACING FOR DRUMS AND TYPE III BARRICADES SHOULD BE 100 FEET (50 FEET FOR ALTERNATE DEVICES) DRUMS OR TYPE III BARRICADES SPACED 100 FEET OR OTHER APPROVED DEVICES. SPACING AT 50 FEET MAY BE SUBSTITUTED FOR POSITIVE BARRIER. SIGNS AND FLASHING WARNING LIGHTS SHALL BE PROVIDED AS REQUIRED FOR DROP-OFFS GREATER THAN 6 INCHES.
8. FOR WINTER SHUTDOWN PERIODS, THE CONTRACTOR SHALL RESTORE THE ROADWAY TO THE NORMAL OPERATING CONDITION.
9. FOR DROP-OFFS EXCEEDING 24 INCHES IN DEPTH FOR EXPOSURE TIME OF 7 DAYS OR LESS AND WHEN AN OFFSET OF AT LEAST TWO FEET CANNOT BE PROVIDED FROM THE EDGE OF THE TRAVELED LANE TO THE DROP-OFF, ALTERNATE TRAFFIC CONTROL PLANS MAY BE REQUIRED BY THE ENGINEER.

No.	DATE	DESCRIPTION
1	10/05/22	REVISED PER PB COMMENTS
2	10/31/22	REVISED LOT LAYOUT
3	03/23/23	REVISED GRADING FOR DRIVEWAY LAYOUT

DRAWING STATUS	ISSUE DATE:
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	03/23/2023
<input type="checkbox"/> CONCEPT APPROVAL	N/A OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	8 OF 8
<input type="checkbox"/> OGDH REALTY SUBDIVISION APPROVAL	N/A OF N/A
<input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A OF N/A
<input type="checkbox"/> OTHER	N/A OF N/A
<input type="checkbox"/> FOR BID	N/A OF N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A OF N/A

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TOWN OF NEWBURGH SHEET 8 OF 8