



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

PROJECT NAME: ANCHORAGE-ON-THE-HUDSON LOT #3
PROJECT NO.: 23-06
PROJECT LOCATION: SECTION 121, BLOCK 1, LOT 3
REVIEW DATE: 28 OCTOBER 2024
MEETING DATE: 7 NOVEMBER 2024
PROJECT REPRESENTATIVE: ENGINEERING AND SURVEYING PROPERTIES

1. Additional erosion and sediment control details have been added to the plan.
2. Limits of disturbance have been depicted on the plan sheets. 32,000 +/- square foot of disturbance is proposed. This equals 0.73 acres of disturbance.
3. The project has received approval from the Orange County Health Department for the subsurface sanitary sewer disposal systems.

Respectfully submitted,

MHE Engineering, D.P.C.

A handwritten signature in blue ink that reads 'Patrick J. Hines'.

Patrick J. Hines
Principal
PJH/kbw

A handwritten signature in blue ink that reads 'Michael W. Weeks'.

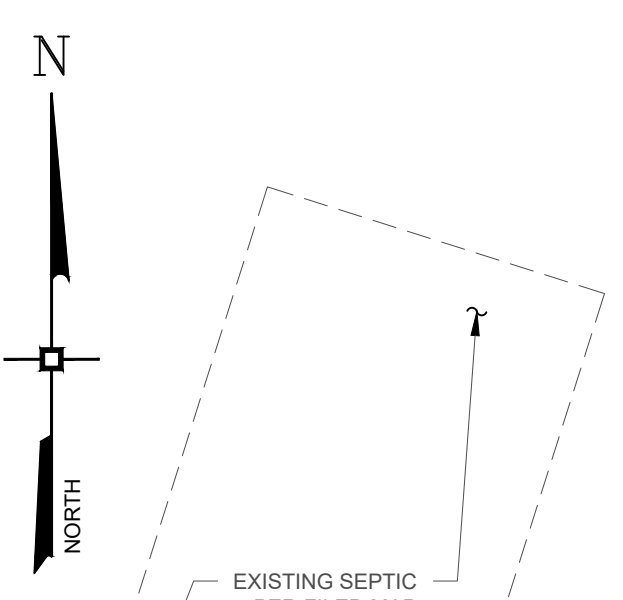
Michael W. Weeks, P.E.
Principal

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

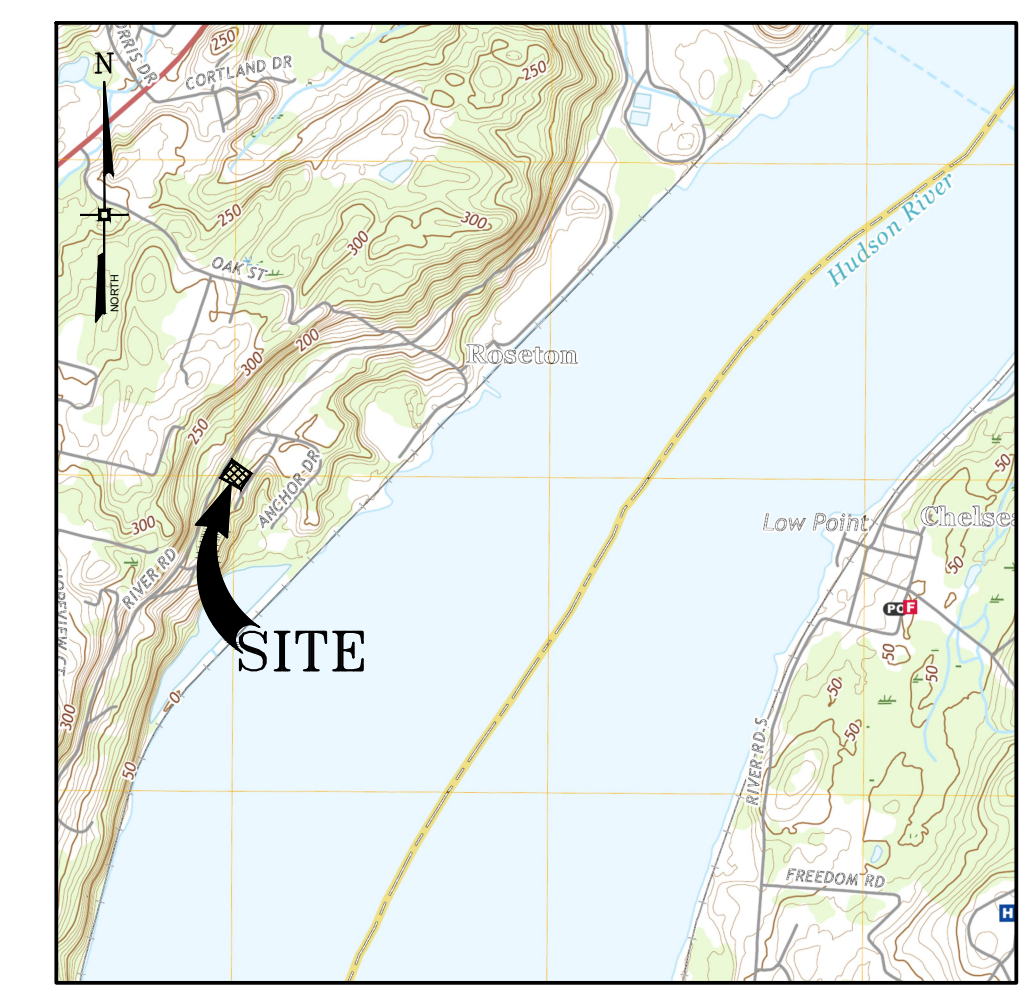
111 Wheatfield Drive, Suite 1, Milford, PA 18337
570-296-2765 | F: 570-296-2767 | mhepa@mhepc.com



BULK REQUIREMENTS

TOWN OF NEWBURGH - ZONING DISTRICT R-1
PROPOSED USE: SINGLE FAMILY DWELLING

MINIMUM BUILDING REQUIREMENTS	REQUIRED	PROPOSED
LOT AREA	40,000 SF	48,915 SF
LOT WIDTH	150 FEET	216 FEET
LOT DEPTH	150 FEET	242 FEET
FRONT YARD	50 FEET	51 FEET
REAR YARD	40 FEET	111 FEET
SIDE YARD (ONE / BOTH)	30 / 80 FEET	31/93 FEET
FLOOR AREA	1,500 FEET	4,448 FEET
MAXIMUM ALLOWABLE		
BUILDING HEIGHT	35 FT	< 35 FT
LOT COVERAGE (BUILDINGS)	10 %	< 10 %
IMPERVIOUS COVERAGE	20 %	< 20 %



LOCATION MAP
SCALE: 1" = 200'

LEGEND

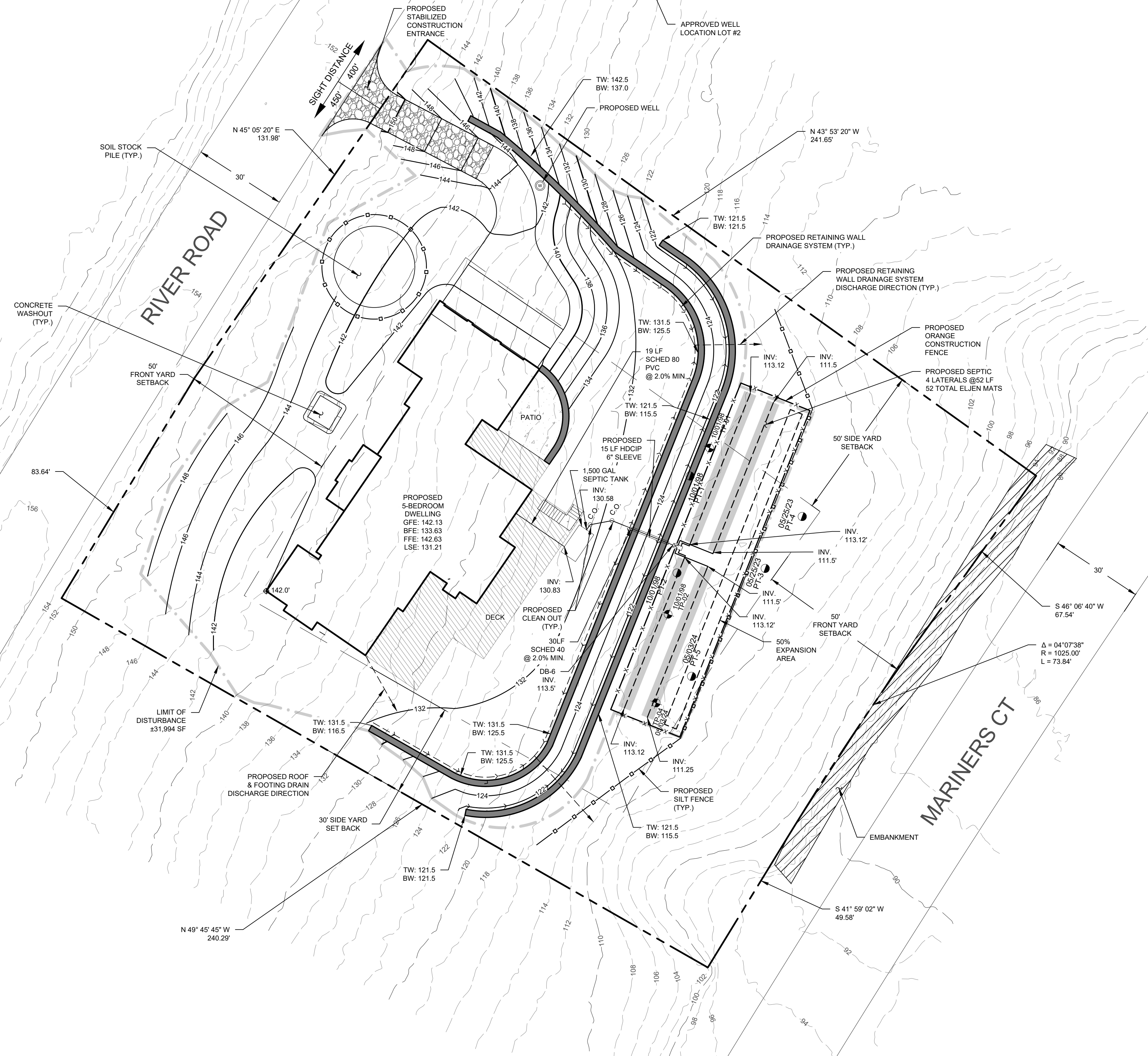
	BUILDING LINE
	CONCRETE PAD LINE
	CONCRETE HATCH
	MAJOR CONTOUR LINE
	MINOR CONTOUR LINE
	CURB LINE
	DRIVEWAY LINE
	EASEMENT LINE
	GUIDERAIL LINES
	PROPERTY LINE
	EDGE OF PAVEMENT LINE
	SEPTIC SYSTEM LATERALS
	BUILDING SETBACK LINES
	EDGE OF SIDEWALK LINES
	STORM DRAIN LINES
	LIMIT OF TREE CLEARING LINES
	DRAINAGE SWALE
	EXISTING BUILDING LINE
	EXISTING MAJOR CONTOUR LINE
	EXISTING MINOR CONTOUR LINE
	EXISTING CURB LINE
	EXISTING EDGE OF PAVEMENT LINE
	ADJACENT PROPERTY LINE
	EXISTING PROPERTY LINE
	EXISTING ROAD CENTERLINE
	SPOT GRADE ELEVATION
	PERC TEST LOCATION
	DEEP TEST HOLE LOCATION
	WELL LOCATION
	SEWER CLEANOUT
	ROAD STATIONING LABEL
	GARAGE FLOOR ELEVATION
	FIRST FLOOR ELEVATION
	BASEMENT FLOOR ELEVATION
	LOWEST SEWERABLE ELEVATION

GENERAL NOTES

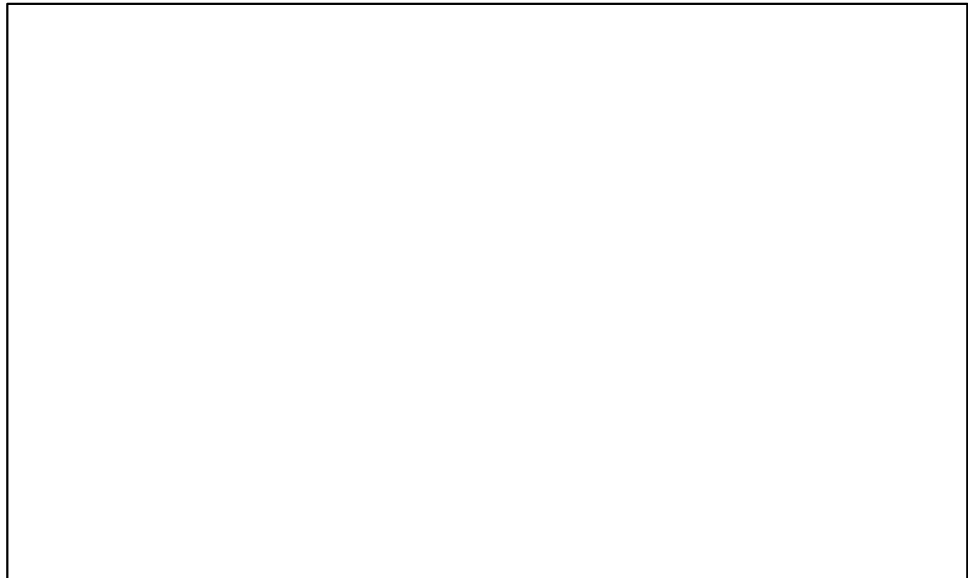
- TAX MAP IDENTIFICATION NUMBER: SECTION 121 BLOCK 1 LOT 3
- TOTAL AREA OF SUBJECT PARCEL: 1.12± ACRES OR 48,787± SQFT.
- BOUNDARY INFORMATION BASED UPON A MAP ENTITLED "LOT LINE CHANGE & SUBDIVISION ANCHORAGE-ON-THE-HUDSON" DATED OCTOBER 5, 2001 AND FILED IN THE OFFICE OF THE ORANGE COUNTY CLERK ON OCTOBER 17, 2002 AS MAP NUMBER 216-02 SHEET 5 OF 16.
- THE TOPOGRAPHY SHOWN HEREON WAS COMPILED BY ENGINEERING & SURVEYING PROPERTIES PC FROM USGS 1M HYDRO-FLATTENED DIGITAL ELEVATION MODELS (DEMS) AS DERIVED FROM 2012 SOURCE LIDAR. THE DEMS WERE PROVIDED BY NYS GIS.GOV. CONTOURS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
- OWNER / APPLICANT: MAJEED RAFIQ
57 LEXINGTON DRIVE
NEWBURGH, NY 12550
- THE PROPOSED LOT SHALL BE SERVICED BY AN INDIVIDUAL WELL AND SEPTIC.
- DUE TO THE PROXIMITY OF THE PROJECT SITE TO A KNOWN INDIANA BAT HIBERNACULUM, ANY TREE CUTTING OR REMOVAL SHALL OCCUR WITHIN THE APPROPRIATE TIME OF YEAR WORK WINDOW, OCTOBER 1ST THROUGH MARCH 31ST, TO AVOID DIRECT IMPACTS TO INDIVIDUALS AND THE NEED FOR AN ARTICLE 11 TAKE PERMIT.
- NO FLOOD PLAIN BOUNDARIES OR WETLANDS ON SITE.
- TOTAL NUMBER OF LOTS: 1
- ESTIMATED CUT MATERIAL: ±233.68 CU YD
- ESTIMATED FILL MATERIAL: ±5,406.80 CU YD
- ALL WELLS WITHIN 300 FEET OF THIS PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS.
- THE OWNER OF THE LOT SHALL BE PROVIDED WITH A COPY OF THE PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES. THE OWNER/APPLICANT SHALL ALSO BE ADVISED OF ANY ROUTINE OR SPECIAL MAINTENANCE PROCEDURES THAT MAY BE NECESSARY.
- INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.
- ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPARTMENT) SHALL INSPECT THE SANITARY FACILITIES AT THE TIME OF CONSTRUCTION. THE ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY DEPARTMENT OF HEALTH AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS.
- THE PROPERTY DOES NOT FALL WITHIN A PUBLIC WATERSHED, AND THERE WILL BE NO CONSTRUCTION ON WATERSHED LANDS.
- THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED WITHOUT REVIEW AND APPROVAL OF THE ORANGE COUNTY DEPARTMENT OF HEALTH.
- TRENCHES SHALL NOT BE INSTALLED IN WET SOIL. THE SIDES AND BOTTOM OF TRENCHES MUST BE RAKED.
- THERE SHALL BE NO REGARDING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.
- 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 AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
- NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS OR JACUZZI TYPE SPA TUBS OVER 100 GALLONS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM AND REAPPROVED BY THE ORANGE COUNTY HEALTH DEPARTMENT.
- SURVEY STAKE OUT OF THE STRUCTURE IS REQUIRED PRIOR TO POURING OF THE FOUNDATION.
- A BUILDING PERMIT IS REQUIRED FOR CONSTRUCTION OF ANY RETAINING WALL OVER 4 FEET IN HEIGHT.

CONSTRUCTION PHASING:

- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- CUT AND REMOVE TREES.
- INSTALL SILT FENCE AND ORANGE CONSTRUCTION FENCE.
- STUMP REMOVAL.
- INSTALL SEPTIC SYSTEM.
- GRADE SITE. INSTALL SEPTIC SLEEVE AND RETAINING WALLS.
- CONSTRUCT FOUNDATION, DWELLING, AND DRIVEWAY.
- FINE GRADE, SEED, AND MULCH.



ORANGE COUNTY DEPARTMENT OF HEALTH APPROVAL BOX



TOWN OF NEWBURGH PLANNING BOARD APPROVAL BOX



NO.	DATE	DESCRIPTION
1	05/27/22	RIVER RD DRIVEWAY AND GRADING
2	06/27/22	REVISED GRADING
3	10/17/22	REVISED GRADING
4	10/19/23	REVISED PER OCHD COMMENTS
5	05/28/24	REVISED PER OCHD COMMENTS
6	08/02/24	REVISED PER OCHD COMMENTS
7	09/25/24	REVISED PER PLANNING BOARD COMMENTS
8	10/25/24	REVISED PER PLANNING BOARD COMMENTS

DRAWING STATUS	ISSUE DATE:
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	10/25/2024
<input type="checkbox"/> CONCEPT APPROVAL	N/A OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	1 OF 3
<input type="checkbox"/> OCHD REALTY SUBDIVISION APPROVAL	N/A OF N/A
<input checked="" type="checkbox"/> OCHD SEWAGE DISPOSAL SYSTEM REVIEW	1 OF 2
<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).

COPIES OF THIS DOCUMENT WITHOUT AN ACTUAL OR FACSIMILE OF THE ENGINEER'S SIGNATURE AND AN ORIGINAL STAMP IN RED OR BLUE INK SHALL BE CONSIDERED INVALID.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.

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

1 inch = 20 ft.

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

SITE PLAN

ANCHORAGE-ON-THE-HUDSON LOT #3
MARINERS COURT
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1600.01
DATE: 05/19/2021
REVISION: 8 - 10/25/2024

DRAWN BY: RMB & KAB
SCALE: 1" = 20'
TAX LOT: 121-1-3

C-101

SYSTEM COMPONENTS	WELL OR SUCTION LINE (E)(G)	STREAM, LAKE, WATERCOURSE (B), OR WETLAND	DWELLING	PROPERTY LINE	DRAINAGE DITCH OR RAIN GARDENS (H)
HOUSE SEWER DRAIN (WATERTIGHT JOINTS)	25' IF CAST IRON 50' OTHERWISE	25'	3'	10'	10'
SEPTIC TANK, DOSING TANK OR WATERTIGHT ETU	50'	50'	10'	10'	10'
EFFLUENT LINE TO DISTRIBUTION BOX/DROP BOX	50'	50'	10'	10'	10'
DISTRIBUTION BOX/DROP BOX	100'	100'	20'	10'	20'
ABSORPTION FIELD (C)(D)	100' (a)	100'	20'	10'	20'
SEEPAGE PIT (D)	150' (a)	100'	20'	10'	20'
RAISED SYSTEM OR MOUND (C)(D)	100' (a)	100'	20'	10'	20'
INTERMITTENT SAND FILTER (D)	100' (a) (f)	100' (f)	20'	10'	20'
NON-WATERBORNE SYSTEMS WITH OFFSITE RESIDUAL DISPOSAL	50'	50'	20'	10'	10'
NON-WATERBORNE SYSTEMS WITH ONSITE DISCHARGE	100'	50'	20'	10'	20'

- NOTES:**
- WHEN WASTEWATER TREATMENT SYSTEMS ARE LOCATED UPGRADE AND IN THE DIRECT PATH OF SURFACE WATER DRAINAGE TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHALL BE AT LEAST 200 FEET AWAY FROM THE WELL.
 - MEAN HIGH WATER MARK, WETLAND OR WATERCOURSE DETERMINATIONS SHOULD BE ADDRESSED WITH THE LHD OR OTHER AGENCY HAVING JURISDICTION AND THE APPLICABLE NYSDEC REGIONAL OFFICE.
 - FOR ALL SYSTEMS INVOLVING THE PLACEMENT OF FILL MATERIAL, SEPARATION DISTANCES ARE MEASURED FROM THE TOE OF THE SLOPE OF THE FILL, EXCEPT FOR SOME SHALLOW ABSORPTION TRENCH SYSTEMS AS DESCRIBED IN SECTION 9.12.2 OF THIS HANDBOOK.
 - SEPARATION DISTANCES SHALL ALSO BE MEASURED FROM THE EDGE OF THE DESIGNATED ADDITIONAL USEABLE AREA (I.E., RESERVE AREA), WHEN AVAILABLE.
 - THE CLOSEST PART OF THE WASTEWATER TREATMENT SYSTEM SHALL BE LOCATED AT LEAST TEN (10) FEET FROM ANY WATER SERVICE LINE (E.G., PUBLIC WATER SUPPLY MAIN, PUBLIC WATER SERVICE LINE OR RESIDENTIAL WELL WATER SERVICE LINE).
 - WHEN INTERMITTENT SAND FILTERS ARE DESIGNED TO BE WATERTIGHT AND COLLECT ALL EFFLUENT, THE SEPARATION DISTANCE CAN BE REDUCED TO 50 FEET.
 - THE LISTED WATER WELL SEPARATION DISTANCES FROM CONTAMINANT SOURCES SHALL BE INCREASED BY 50% WHENEVER AQUIFER WATER ENTERS THE WATER WELL AT LESS THAN 50-FEET BELOW GRADE. IF A 50% INCREASE CANNOT BE ACHIEVED, THEN THE GREATEST POSSIBLE INCREASE IN SEPARATION DISTANCE SHALL BE PROVIDED WITH SUCH ADDITIONAL MEASURES AS NEEDED TO PREVENT CONTAMINATION.
 - RECOMMENDED, USE SITE EVALUATION TO AVOID OWS SHORT-CIRCUITING TO THE SURFACE OR GROUNDWATER AND TO MINIMIZE IMPACTS ON OWS FUNCTIONALITY.

- ADDITIONAL SEPARATION REQUIREMENTS:**
- EMBANKMENT OR VERY STEEP SLOPE: IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED A MINIMUM OF 25 FEET AND THE ABSORPTION FIELD BE LOCATED A MINIMUM OF 50 FEET FROM AN EMBANKMENT OR VERY STEEP SLOPE. MAXIMIZE SEPARATION DISTANCES AND USE SITE EVALUATION TO AVOID SHORT-CIRCUITING TO SURFACE (BREAKOUT OR SEEPAGE).
 - SWIMMING POOLS (ABOVE OR BELOW GROUND): IT IS RECOMMENDED THAT SYSTEM COMPONENTS BE LOCATED A MINIMUM OF 20 FEET AND THE ABSORPTION FIELD BE LOCATED A MINIMUM OF 35 FEET FROM SWIMMING POOLS. MAXIMIZE SEPARATION DISTANCES AND USE SITE EVALUATION TO MINIMIZE IMPACTS ON OWS ACCESSIBILITY AND FUNCTIONALITY.
 - ALL SEPARATION REQUIREMENTS ARE FROM THE "OCHD DESIGN POLICY AND STANDARDS APPENDIX 75-A AND DESIGN HANDBOOK."
 - SEPARATION: ABSORPTION FIELD TO THE HIGH WATER LINE OF WET POND - 100'
 - SEPARATION: ABSORPTION FIELD TO INTERMITTENT STREAM, STORMWATER INFILTRATION MANAGEMENT PRACTICE, CULVERT OR STORM SEWER (NONGASKETED PIPE), OR CATCH BASIN - 50'
 - SEPARATION: ABSORPTION FIELD TO VERTICALLY ORIENTED STORM SEWER (GASKETED, TIGHT PIPE) - 35'
 - SEPARATION: ABSORPTION FIELD TO ROOF OR FOOTING DRAIN, SNOW STORAGE EASEMENT - 10'
 - DRAINAGE PIPES WITHIN 25' OF ANY WELL MUST BE WATERTIGHT.
 - SEPARATION: WELL TO SUBDIVISION BOUNDARY - 50'
 - SEPARATION: ABSORPTION FIELD TO SUBDIVISION BOUNDARY - 50'

DEEP TEST HOLE RESULTS

TEST HOLE #	DATE	DEPTH	DESCRIPTION
TP-01	10/01/98	0' - 12" 12' - 36" 36' - 90"	TOPSOIL AND ORGANIC MATERIAL TO 12" COMPACT SILTS TO 36" COMPACT LOAM TO 90" SHALE AT 90', NO GROUNDWATER, NO MOTTLING
TP-02	10/01/98	0' - 12" 12' - 36" 36' - 84"	TOPSOIL AND ORGANIC MATERIAL TO 12" COMPACT SILTS TO 36" COMPACT LOAM TO 84" NO BEDROCK, NO GROUNDWATER, NO MOTTLING
TP-03	05/08/01	0' - 7" 7' - 42" 42' - 96"	TOPSOIL TO 7" LIGHT BROWN SILT TO 42" MED. BROWN SILT TO 96" SEEPAGE @ 5'
TP-04	05/03/24	0' - 6" 6' - 48" 48' - 96"	TOPSOIL TO 6" BROWN SILT LOAM, 0' - 12" DARK BROWN SILTY LOAM, ROCKS 0' - 12" DIA. SEEPAGE AT 5' HEAVY SEEPAGE AT 7', NO MOTTLING, NO BEDROCK

PERCOLATION TEST RESULTS

PERC HOLE #	PERC HOLE DEPTH	PERC HOLE DIA	TIME	PERCOLATION TEST RUNS				STABILIZED RATE
				PER FILED MAP	PER FILED MAP	PER FILED MAP	PER FILED MAP	
10/01/98 PT-01	24"	10"	FINISH	PER FILED MAP	PER FILED MAP	PER FILED MAP	PER FILED MAP	30 MIN
			START	PER FILED MAP	PER FILED MAP	PER FILED MAP	PER FILED MAP	
			TIME	PER FILED MAP	PER FILED MAP	PER FILED MAP	PER FILED MAP	
10/01/98 PT-02	24"	10"	FINISH	PER FILED MAP	PER FILED MAP	PER FILED MAP	PER FILED MAP	40 MIN
			START	PER FILED MAP	PER FILED MAP	PER FILED MAP	PER FILED MAP	
			TIME	PER FILED MAP	PER FILED MAP	PER FILED MAP	PER FILED MAP	
05/25/23 PT-03	24"	12"	FINISH	00:11:40	00:15:32	00:16:07	-	16 MIN
			START	STOPWATCH USED FOR TIMED INTERVALS				
			TIME	00:11:40	00:15:32	00:16:07	-	
05/25/23 PT-04	24"	12"	FINISH	00:06:07	00:12:48	00:13:42	00:14:20	15 MIN
			START	STOPWATCH USED FOR TIMED INTERVALS				
			TIME	00:06:07	00:12:48	00:13:42	00:14:20	
05/03/24 PT-05	24"	12"	FINISH	00:05:10	00:06:55	00:06:45	-	10 MIN
			START	STOPWATCH USED FOR TIMED INTERVALS				
			TIME	00:05:10	00:06:55	00:06:45	-	

SEPTIC SYSTEM DESIGN SCHEDULE

STABILIZE PERC RATE (min)	FLOW RATE (GPD)	BACKWASH (GPD)	TOTAL FLOW (GPD)	APPLICATION RATE (GPD/Sq. Ft.)	REQUIRED AREA (Sq. Ft.)	REQUIRED ABSORPTION FIELD LENGTH (ft) (ELJEN)	PROPOSED ABSORPTION FIELD LENGTH (ft)
40	550	65	615	0.50	1,230	205	4 LATERALS @ 52 LF = 208 LF 52 TOTAL ELJEN MATS

TOWN OF NEWBURGH PLANNING BOARD APPROVAL BOX

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 2309 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.

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

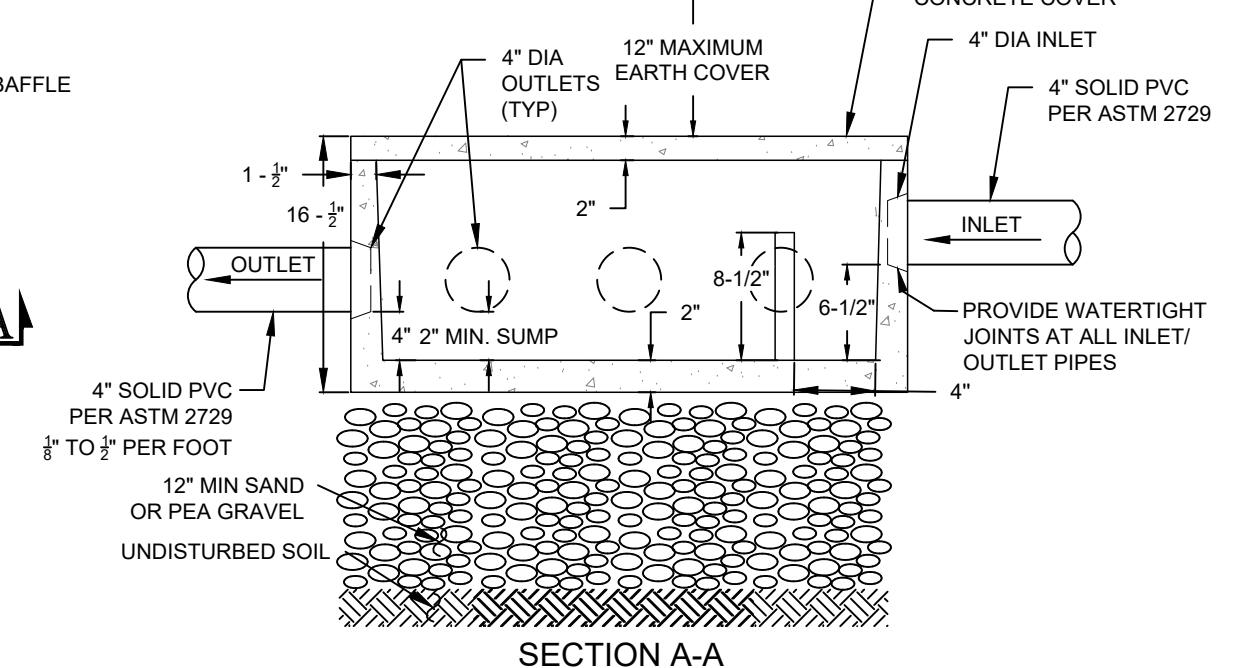
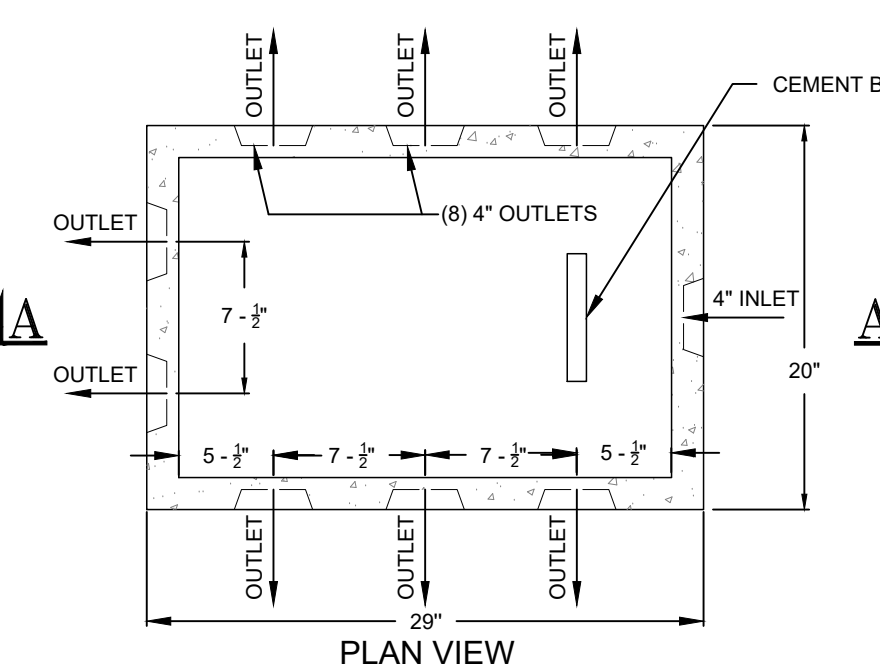
DATE: 05/19/2021
REVISION: 8 - 10/25/2024

DRAWN BY: RMB & KAB
SCALE: AS NOTED
TAX LOT: 121-1-3

SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATION % PASSING (WET)
0.375 INCH	9.5mm	100-100
NO. 4	4.75mm	95.0-100.0
NO. 8	2.36mm	80.0-100.0
NO. 16	1.18mm	50.0-85.0
NO. 30	600um	25.0-60.0
NO. 50	300um	5.0-30.0
NO. 100	150um	<10.0
NO. 200	75um	<5.0

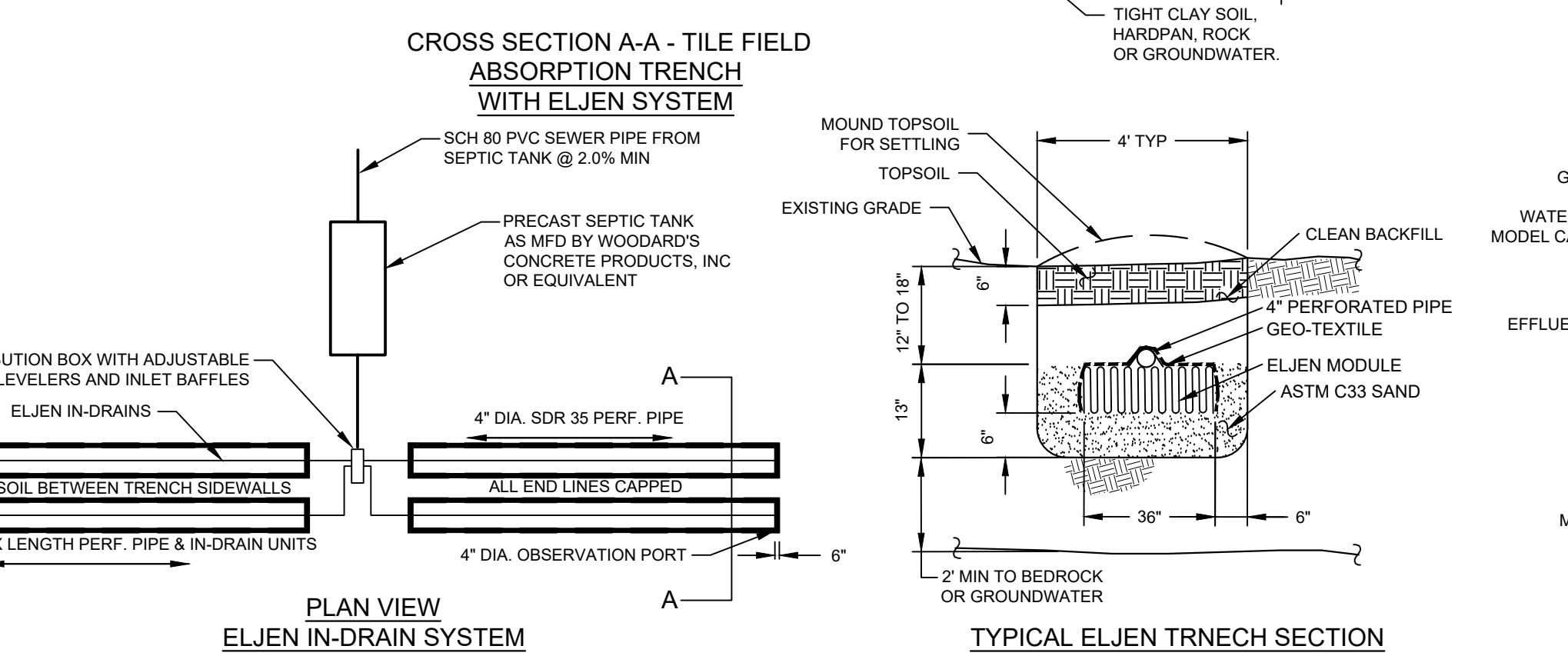
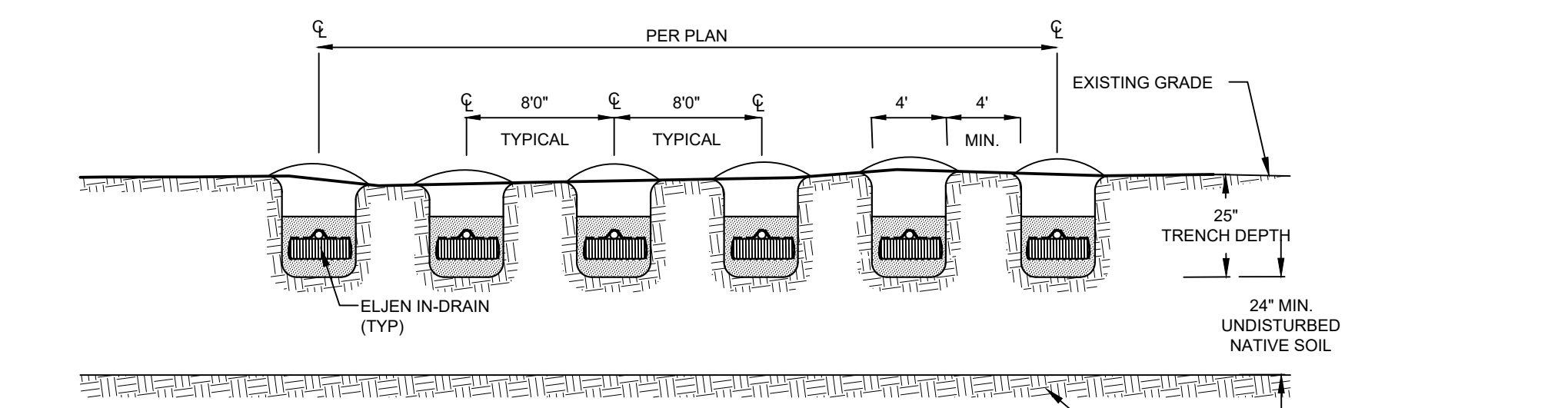
SYSTEM INSTALLATION GUIDELINES - ELJEN GSF INSTALLATION MANUAL

- REFERENCE APPENDIX 75-A AND LOCAL HEALTH DEPARTMENT REGULATIONS FOR DESIGN AND CONSTRUCTION REQUIREMENTS.
- PLACE THE 7-INCH TALL GEOTEXTILE SAND FILTER MODULES ON TOP OF A 6" MINIMUM LEVEL SURFACE OF ASTM C33 SPECIFIED SAND WITH LESS THAN 10% PASSING A #100 SIEVE AND LESS THAN 5% PASSING A #200 SIEVE. YOU MUST USE THE SPECIFIED SAND AS LISTED ON PAGE 4 OF THIS MANUAL TO ENSURE PROPER SYSTEM OPERATION.
- SPECIFIED SAND PLACED ALONG BOTH SIDES AND ACROSS THE TOP OF THE GSF MODULE ENSURES AERATION OF THE MODULES. ADDITIONAL SAND PLACED ABOVE THE MODULE IS RECOMMENDED TO MAINTAIN OXYGEN TRANSFER TO THE SYSTEM.
- USE THE PROVIDED WIRE CLAMPS TO SECURE THE APPROVED PERFORATED 4-INCH DIAMETER DISTRIBUTION PIPE SDR 35 OR EQUIVALENT TO THE TOP OF EACH GSF MODULE.
- COVER THE TOPS AND SIDES OF THE MODULES ALONG THE ENTIRE LENGTH OF EACH ROW WITH ELJEN GEOTEXTILE COVER FABRIC PRIOR TO BACKFILLING WITH SPECIFIED SAND.
- WHERE THE PERCOLATION RATE EXCEEDS 30 MINUTES-PER-INCH OR THE SOIL TEXTURE IS FINER, THE SYSTEM SHOULD BE BUILT FROM ONE END TO THE OTHER TO AVOID ANY COMPACTION OF THE SOIL BY THE EXCAVATOR.
- WHEN BACKFILLING THE INSTALLATION WITH NATIVE SOILS, STONES 2 INCHES OR LARGER MUST BE REMOVED.
- FINISH BY GRADING THE AREA TO DIVERT STORM WATER RUNOFF AWAY FROM THE SYSTEM.
- DO NOT DRIVE BACKHOE WHEELS OVER GSF MODULES WITH LESS THAN 12 INCHES OF COVER OVER THE DISTRIBUTION PIPE. DRIVING OR PAVING OVER THE GEOTEXTILE SAND FILTER AREA IS PROHIBITED. FOR SHALLOW INSTALLATIONS, LIGHT-WEIGHT TRUCK MOUNTED MACHINES ARE BEST FOR SETTING THE FINAL GRADE. IT IS ALSO PERMISSIBLE TO BACK-BLADE THE SOIL TO SET FINAL MINIMUM COVER. PERIMETER LANDSCAPE TIMBERS ARE ALSO RECOMMENDED TO LOCATE THE SHALLOW BEDS, THEREBY KEEPING VEHICLES OFF THE SYSTEM.
- SEEDING AND STABILIZING THE SOIL COVER IS REQUIRED TO PROTECT THE SYSTEM FROM SOIL EROSION.
- WHERE THE ELEVATION OF THE SURFACE EXCEEDS THE NATURAL GRADE, A BLOCK OR LANDSCAPE TIMBER FRAME OR SLOPING SOIL TOE AT A 3:1 GRADE CAN BE USED TO HELP ELIMINATE SOIL EROSION AND SUPPORT MAINTENANCE OF THE STABILIZING GRASS COVER ADJACENT TO THE GSF SYSTEM.
- FOR PUMPED SYSTEMS, PROVIDE A WELL ANCHORED DISTRIBUTION BOX WITH A VELOCITY REDUCTION TEE OR BAFFLE.
- VENTING OF SYSTEMS IS REQUIRED WHEN THERE IS MORE THAN 18 INCHES OF COVER MATERIAL AS MEASURED FROM THE TOP OF THE MODULE TO FINISHED GRADE. LOCATE VENT AT THE DISTAL (FAR) END OF THE TRENCH OR BED.



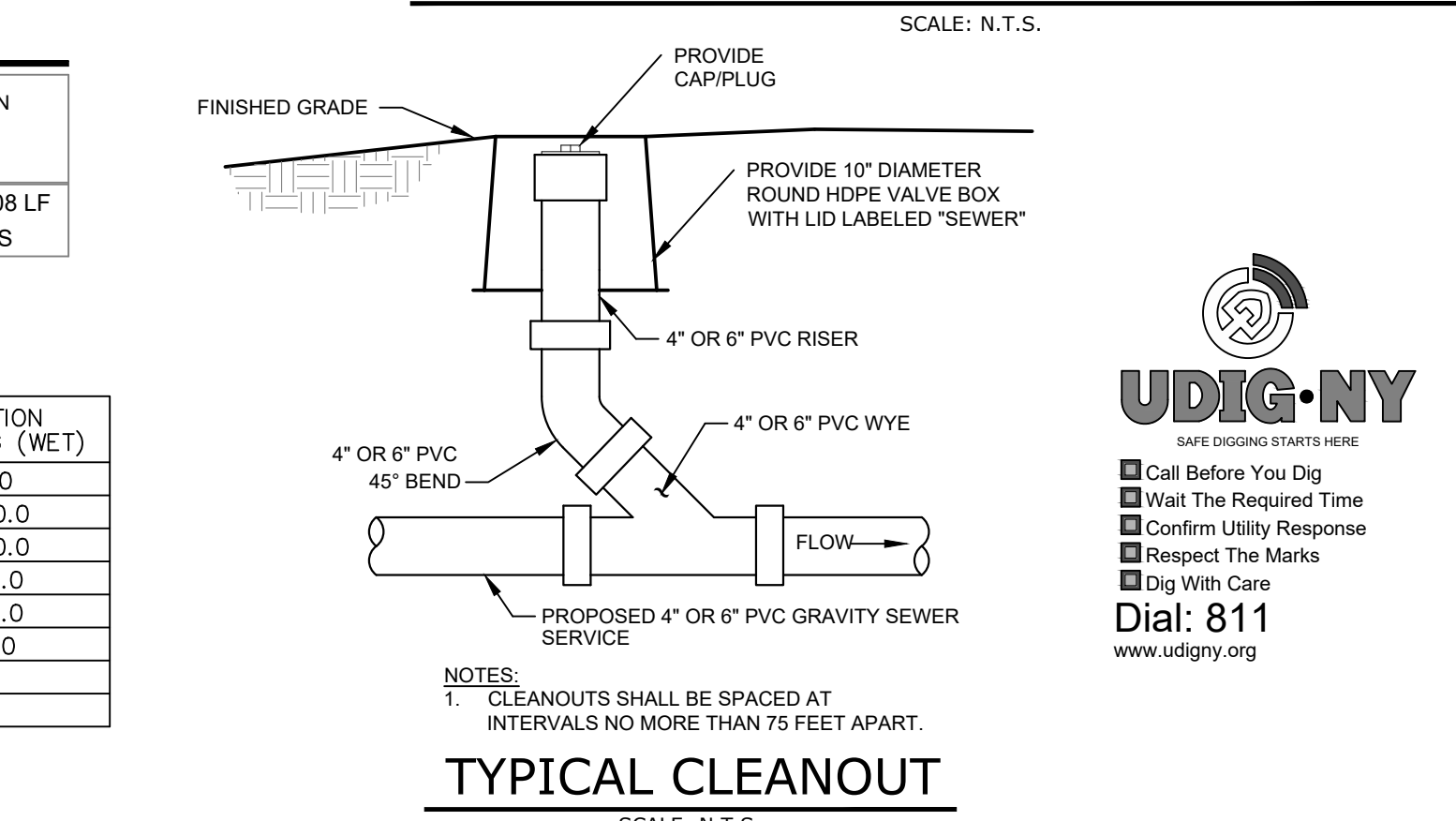
- DISTRIBUTION BOX AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. CATALOG NO. DB-9 OR APPROVED EQUAL.
- MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS.
- CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION.
- SEAL ALL JOINTS AT INLET/OUTLET PIPES ASPHALTIC MATERIAL OR EQUIVALENT.
- PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS.
- FIRST 30' MIN OF OUTLET PIPE(S) TO BE SOLID PVC AND SHOULD BE BACKFILLED WITH NATIVE MATERIAL NOT AGGREGATE.
- UNUSED OUTLETS TO REMAIN PLUGGED.
- DISTRIBUTION BOXES SHOULD BE INSPECTED ANNUALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.

8 HOLE DISTRIBUTION BOX



- NOTES:**
- ELJEN UNITS SHALL BE LAID LEVEL.
 - THIS DESIGN AND CONSTRUCTION REQUIREMENT COMPLIES WITH APPENDIX 75-A AND LOCAL HEALTH DEPARTMENT REGULATIONS.
 - THIS DESIGN COMPLIES WITH AND MUST BE INSTALLED IN ACCORDANCE WITH THE MOST CURRENT ELJEN NEW YORK DESIGN AND INSTALLATION MANUAL.
 - THIS SYSTEM IS NOT DESIGNED FOR USE WITH A GARBAGE DISPOSAL.
 - THIS SYSTEM IS NOT DESIGNED FOR BACKWASH FROM A WATER SOFTENER.
 - ORGANIC MATERIAL THAT CAN RESTRICT FLOW MUST BE REMOVED FOR RAISED BEDS. THE SOIL MUST BE SCARIFIED TO PROVIDE DEEP CHANNELS FOR THE SAND. A PLOWED INTERFACE ON CONTOUR IS RECOMMENDED TO PREPARE THE SOIL FOR FILL PLACEMENT.
 - SCARIFY ANY SMEARED SUBSOIL PRIOR TO FILL PLACEMENT.
 - FILL MATERIAL SHALL MEET OR EXCEED STATE OF NEW YORK CODE REQUIREMENTS. ALL FILL MATERIAL SHALL BE CLEAN BANK RUN SAND, FREE OF TOPSOIL, HUMUS, AND "DREGGING" DIRECTLY BENEATH THE GSF SYSTEM.
 - ASTM C33 SPECIFIED SAND WITH LESS THAN 10% PASSING A #100 SIEVE AND LESS THAN 5% PASSING A #200 SIEVE SHALL BE PLACED BELOW AND AROUND THE GSF MODULES, WITH 6 INCHES MINIMUM UNDERNEATH AND 6 INCHES MINIMUM SURROUNDING THE GSF MODULES IN TRENCH CONFIGURATIONS. IN BED SYSTEMS, USE 6 INCHES MINIMUM UNDERNEATH THE MODULES WITH 12 INCHES MINIMUM BETWEEN MODULE ROWS AND 12 INCHES MINIMUM AROUND THE PERIMETER OF THE MODULES.
 - ELJEN PROVIDED GEOTEXTILE COVER FABRIC SHALL PROVIDE PROPER TENSION AND ORIENTATION OF THE FABRIC AROUND THE SIDES OF THE PERFORATED PIPE ON TOP OF THE GSF MODULES. FABRIC SHOULD BE NETHER TOO LOOSE, NOR TOO TIGHT. THE CORRECT TENSION OF THE COVER FABRIC IS SET BY:
 - SPREADING THE COVER FABRIC OVER THE TOP OF THE MODULE AND DOWN BOTH SIDES OF THE MODULE WITH THE COVER FABRIC TENDED OVER THE TOP OF THE PERFORATED DISTRIBUTION PIPE.
 - PLACE SHOVEL FULLS OF SPECIFIED SAND DIRECTLY OVER THE PIPE AREA ALLOWING THE COVER FABRIC TO FORM A MOSTLY VERTICAL ORIENTATION ALONG THE SIDES OF THE PIPE. REPEAT THIS STEP MOVING DOWN THE PIPE.
 - BACKFILL MATERIAL SHALL BE CLEAN WITH NO ROOTS OR STONES LARGER THAN 2 INCHES IN ANY DIMENSION TO A MINIMUM DEPTH OF 8 INCHES OVER THE GSF MODULES AND FINAL COVER FOR VEGETATION OF 4 INCHES TO 6 INCHES OF CLEAN LOAM.
 - ANY SYSTEM WHICH IS MORE THAN 18 INCHES BELOW FINISHED GRADE AS MEASURED FROM THE TOP OF THE MODULE SHALL BE VENTED.

ABSORPTION TILE FIELD OVERALL PLAN



NO.	DATE	DESCRIPTION
1	05/27/22	RIVER RD DRIVEWAY AND GRADING
2	06/27/22	REVISED GRADING
3	10/17/22	REVISED GRADING
4	10/19/23	REVISED PER OCHD COMMENTS
5	05/28/24	REVISED PER OCHD COMMENTS
6	08/02/24	REVISED PER OCHD COMMENTS
7	09/25/24	REVISED PER PLANNING BOARD COMMENTS
8	10/25/24	REVISED PER PLANNING BOARD COMMENTS

DRAWING STATUS		ISSUE DATE:	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		10/25/2024	
<input type="checkbox"/> CONCEPT APPROVAL	N/A OF N/A	<input type="checkbox"/> SHEET NUMBER	2 OF 3
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	2 OF 3	<input type="checkbox"/> OCHD REALTY SUBDIVISION APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A OF N/A	<input checked="" type="checkbox"/> OCHD SEWAGE DISPOSAL SYSTEM REVIEW	2 OF 2
<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

COPIES OF THIS DOCUMENT WITHOUT AN ACTUAL OR FACSIMILE OF THE ENGINEER'S SIGNATURE AND AN ORIGINAL STAMP IN RED OR BLUE INK SHALL BE CONSIDERED INVALID.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 2309 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.

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

ORIGINAL SCALE IN INCHES

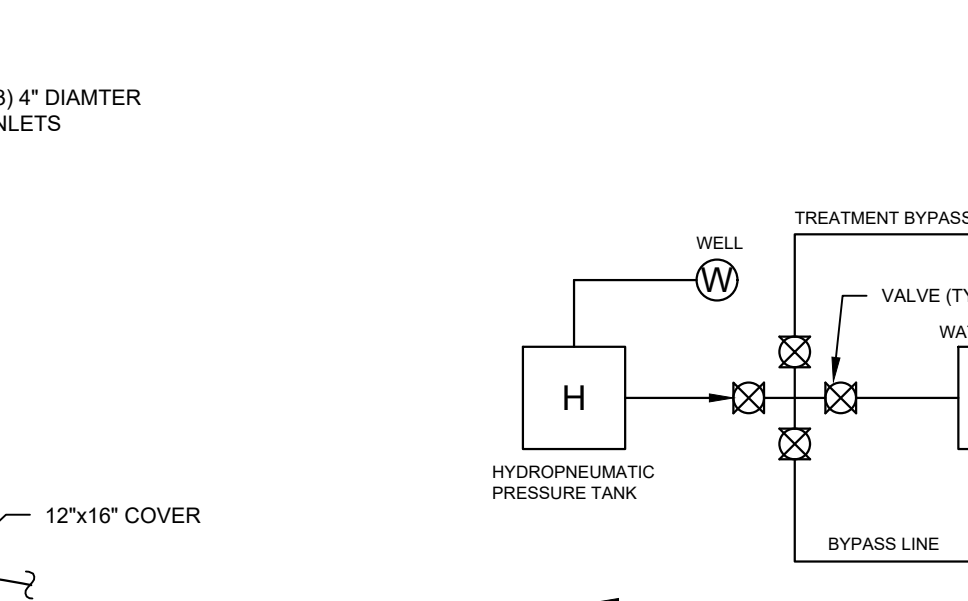
1500 GALLON SEPTIC TANK



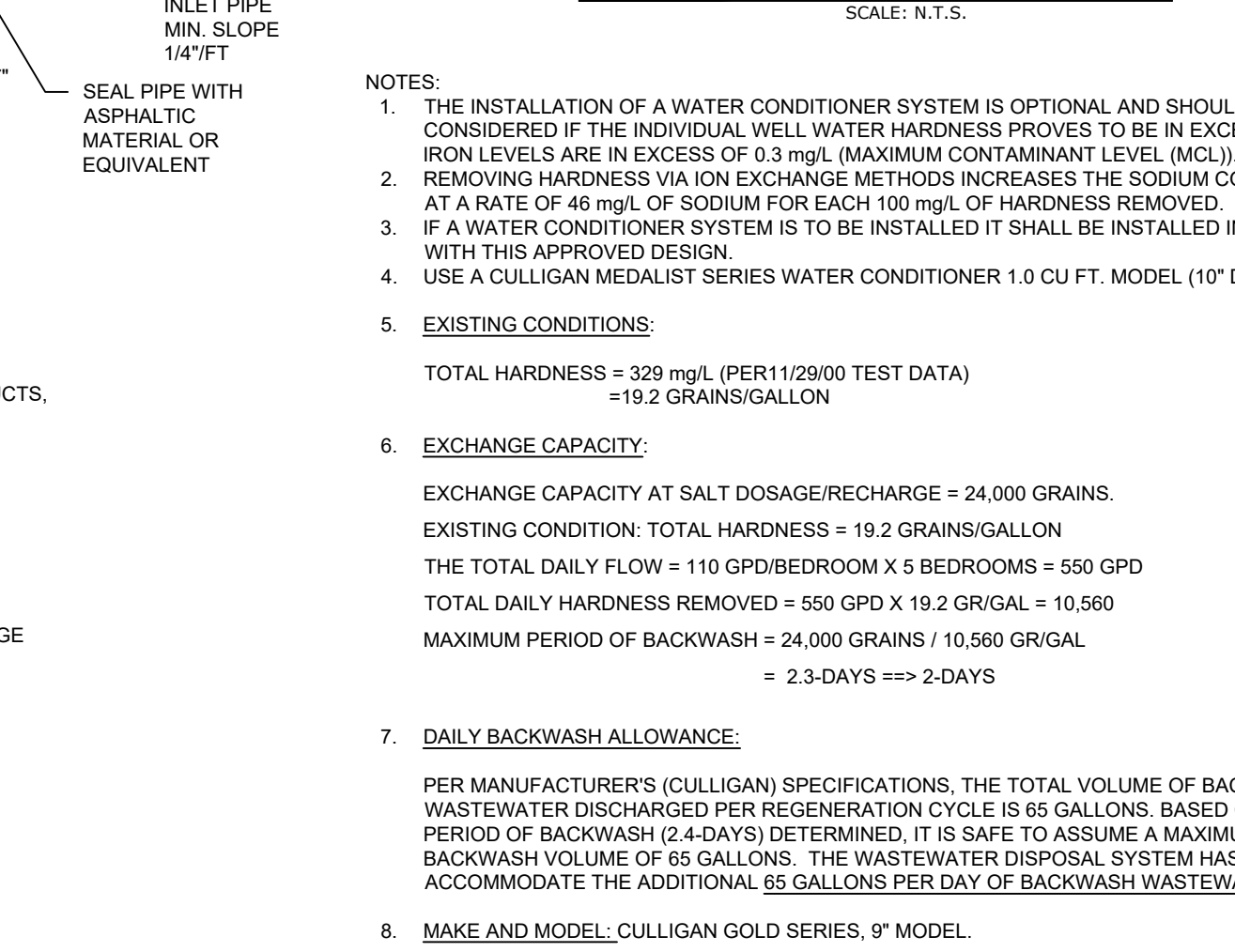
- NOTES:**
- PRECAST CONCRETE SEPTIC TANK AS MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS, INC. MODEL ST 1500, OR APPROVED EQUAL.
 - CONCRETE - 4000 PSI AT 28 DAYS.
 - REINFORCEMENT - 6" X 6" X 10 GAUGE WIRE MESH.
 - SECTIONS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT.
 - THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK, OR ANY PUMPING OR DOSING CHAMBER, TO THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
 - FOR THE INLET, USE A SANITARY TEE WITH PIPE EXTENSION TO MEET THE NYS DPH REQUIREMENT FOR BAFFLE 16" BELOW LIQUID LEVEL.
 - SEPTIC TANKS SHOULD BE INSPECTED ANNUALLY AND PUMPED EVERY 2-3 YEARS.

EFFLUENT FILTER - POLYLOK PL-68

- EFFLUENT FILTER SHALL BE POLYLOK MODEL PL-68 OR APPROVED EQUAL, CERTIFIED NSF-46, RATED FOR 800 GALLONS/DAY.
- EFFLUENT FILTER WILL OPERATE EFFICIENTLY FOR SEVERAL YEARS UNDER NORMAL CONDITIONS BEFORE REQUIRING CLEANING. IT IS RECOMMENDED THAT THE FILTER BE CLEANED EVERY TIME THE SEPTIC TANK IS PUMPED, OR AT LEAST ONCE EVERY THREE YEARS.



WATER SOFTENER PUMP SCHEMATIC



- NOTES:**
- THE INSTALLATION OF A WATER CONDITIONER SYSTEM IS OPTIONAL AND SHOULD ONLY BE CONSIDERED IF THE INDIVIDUAL WELL WATER HARDNESS PROVES TO BE IN EXCESS OF 150 mg/L OR IRON LEVELS ARE IN EXCESS OF 0.3 mg/L (MAXIMUM CONTAMINANT LEVEL (MCL)).
 - REMOVING HARDNESS VIA ION EXCHANGE METHODS INCREASES THE SODIUM CONTENT OF WATER AT A RATE OF 46 mg/L OF SODIUM FOR EACH 100 mg/L OF HARDNESS REMOVED.
 - IF A WATER CONDITIONER SYSTEM IS TO BE INSTALLED IT SHALL BE INSTALLED IN ACCORDANCE WITH THIS APPROVED DESIGN.
 - USE A CULLIGAN MEDALIST SERIES WATER CONDITIONER 1.0 CU FT. MODEL (10" DA X 40" TALL).
- EXISTING CONDITIONS:**
- TOTAL HARDNESS = 329 mg/L (PER 1/2900 TEST DATA)
= 19.2 GRAINS/GALLON
- EXCHANGE CAPACITY:**
- EXCHANGE CAPACITY AT SALT DOSAGE/RECHARGE = 24,000 GRAINS.
EXISTING CONDITION: TOTAL HARDNESS = 19.2 GRAINS/GALLON
THE TOTAL DAILY FLOW = 110 GPD/BEDROOM X 5 BEDROOMS = 550 GPD
TOTAL DAILY HARDNESS REMOVED = 550 GPD X 19.2 GR/GAL = 10,560
MAXIMUM PERIOD OF BACKWASH = 24,000 GRAINS / 10,560 GR/GAL
= 2.3-DAYS ==> 2-DAYS
- DAILY BACKWASH ALLOWANCE:**
- PER MANUFACTURER'S (CULLIGAN) SPECIFICATIONS, THE TOTAL VOLUME OF BACKWASH WASTEWATER DISCHARGED PER REGENERATION CYCLE IS 65 GALLONS. BASED ON THE MAXIMUM PERIOD OF BACKWASH (2.4-DAYS) DETERMINED, IT IS SAFE TO ASSUME A MAXIMUM TOTAL DAILY BACKWASH VOLUME OF 65 GALLONS. THE WASTEWATER DISPOSAL SYSTEM HAS TO BE SIZED TO ACCOMMODATE THE ADDITIONAL 65 GALLONS PER DAY OF BACKWASH WASTEWATER.
- MAKE AND MODEL:** CULLIGAN GOLD SERIES, 9" MODEL.

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

DETAILS & SEPTIC DESIGN SCHEDULE

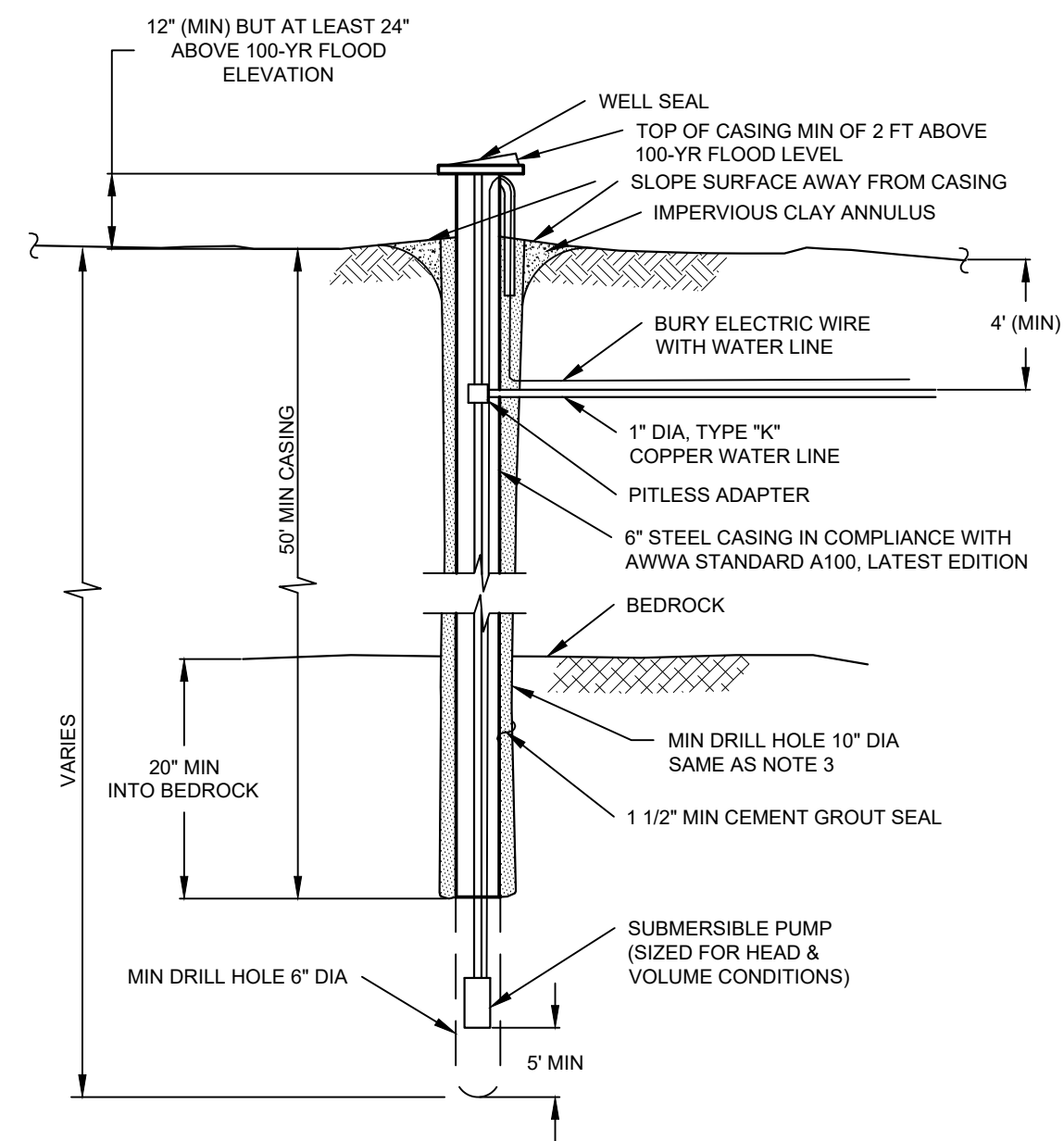
ANCHORAGE-ON-THE-HUDSON LOT #3
MARINERS COURT
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1600.01
DATE: 05/19/2021
REVISION: 8 - 10/25/2024

DRAWN BY: RMB & KAB
SCALE: AS NOTED
TAX LOT: 121-1-3

C-301

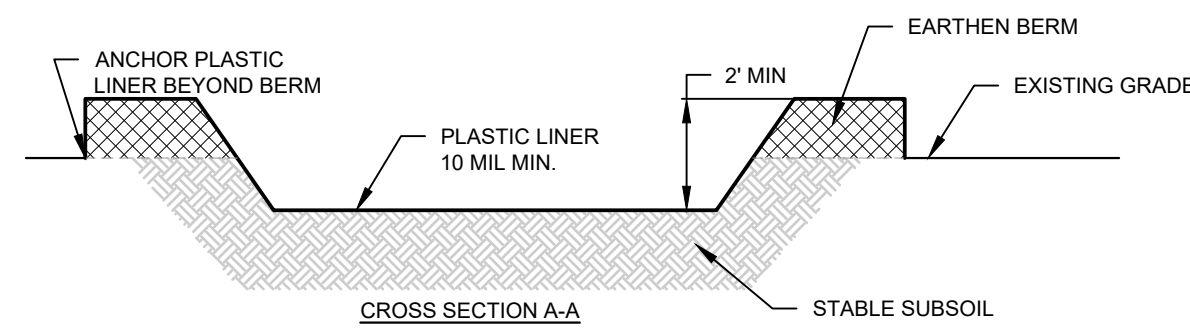
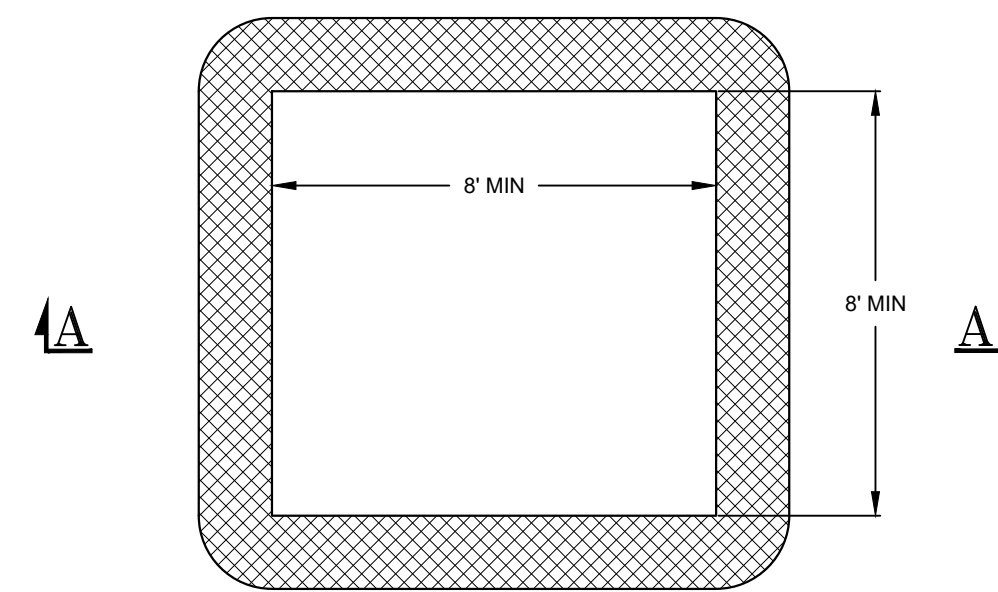
© COPYRIGHT 2022 ENGINEERING & SURVEYING PROPERTIES, PC



- NOTES:**
1. WELL IS TO BE CASED AND GROUTED FOR A MIN OF 50' IN LENGTH.
 2. CASING SHALL EXTEND MINIMUM 20' INTO BEDROCK.
 3. OVERSIZE DRILL HOLE (FOR GROUTING) TO BE 10" DIAMETER.
 4. EXPECTED DEPTH OF LOAM AND SHALE OVERBURDEN = 5 - 30 FEET
 5. EXPECTED DEPTH OF WATER BEARING FORMATION = 300 - 600 FEET
 6. THE WELL CASING TO CONFORM TO AWWA STANDARD A100 (LATEST EDITION).
 7. SANITARY WELL SEAL SHALL BE MONITOR MODEL NO 6WE-1, MFG BY THE BAKER MFG CO; EVANSVILLE, WIS. OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
 8. PITLESS ADAPTER SHALL BE MONITOR MODEL NO 8PL61U, MFG BY THE BAKER MFG CO; EVANSVILLE, WIS. OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
 9. DISCHARGE PIPE : 1" MIN OF TYPE "K" COPPER WATER LINE.
 10. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER THAN 10" OF A SEPTIC TANK, TILE FIELD, OR ANY OTHER PART OF A SEWAGE DISPOSAL SYSTEM.
 11. PVC PIPE WITH O-RING JOINTS ARE REQUIRED FOR SEWAGE LINES BETWEEN 25 AND 50 FEET OF ANY WELL.
 12. MIN. WELL YIELD TO BE A MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING BETWEEN 2-5 GPM REQUIRES 24 HOURS OF STORAGE WITHIN HOME.
 13. CEMENT GROUT SHALL BE A MIXTURE OF 1 BAG CEMENT (94 LBS) AND 5 1/2 GAL OF CLEAN WATER.
 14. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
 15. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "RURAL WATER SUPPLY", NYS DEPT OF HEALTH, LATEST EDITION.
 16. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN TO ASSURE THE MINIMUM SEPARATION DISTANCES ARE MET.

TYPICAL DRILLED WELL SECTION

SCALE: N.T.S.

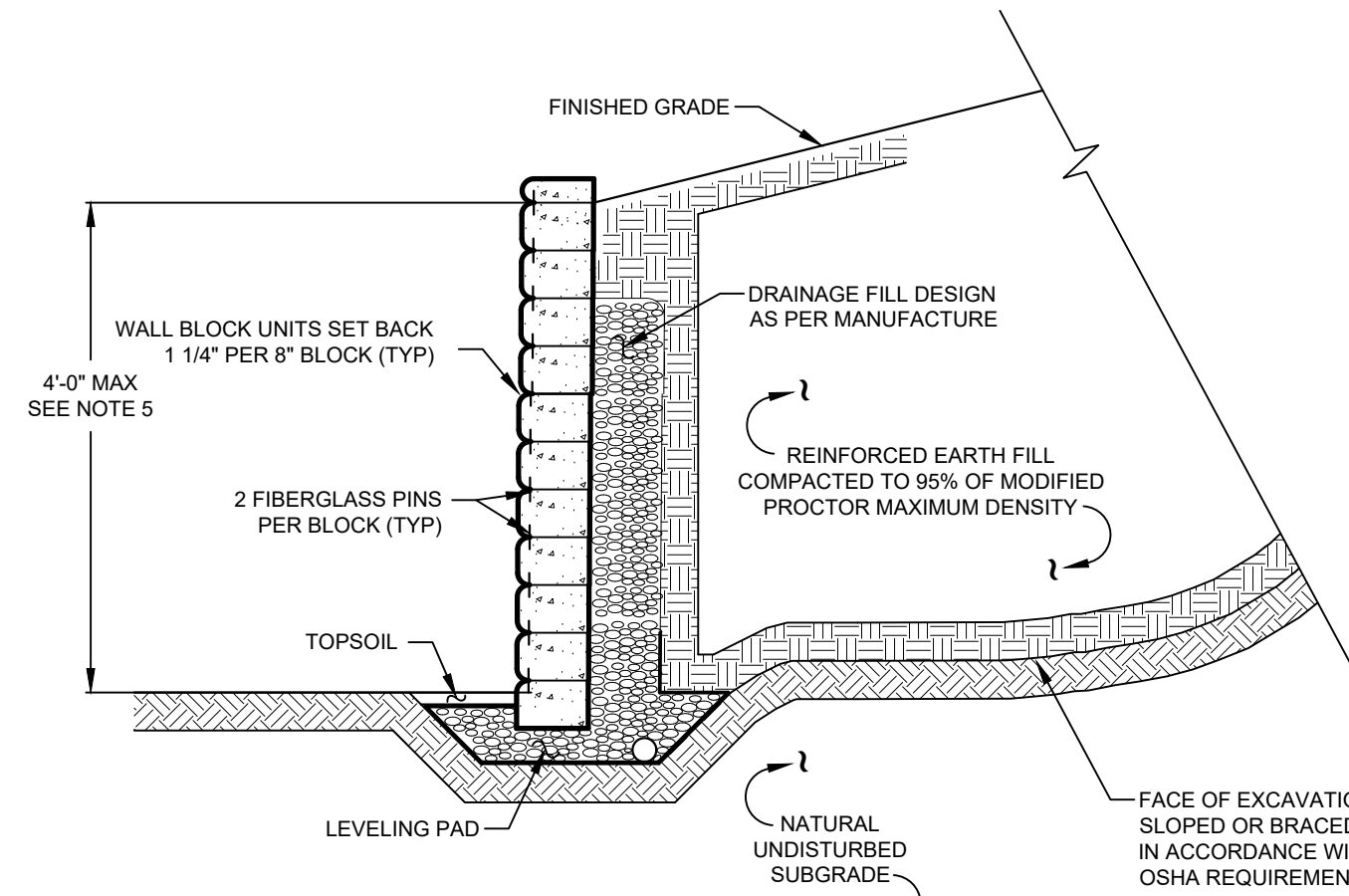


- NOTES:**
1. PLASTIC LINER SHALL BE INSPECTED DAILY TO ENSURE THAT THERE ARE NO HOLES OR TEARS. IF ANY HOLES OF TEARS ARE FOUND THE LINER SHALL BE REPLACED AND CLEANED IMMEDIATELY. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
 2. WASHOUT FACILITY SHALL BE LOCATED A 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.

CONCRETE WASHOUT

SCALE: N.T.S.

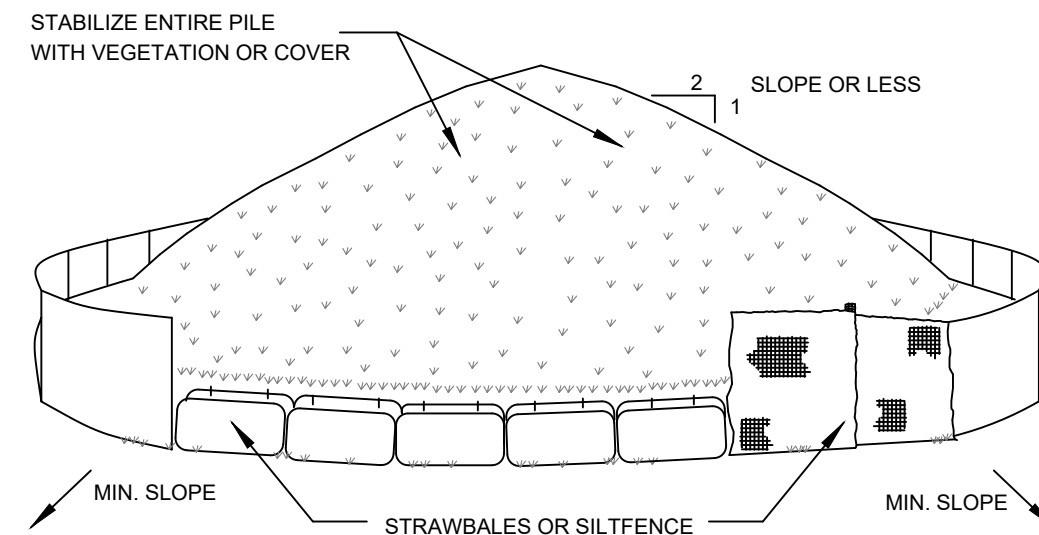
TOWN OF NEWBURGH
PLANNING BOARD APPROVAL BOX



- NOTES:**
1. PROPOSED KEYSTONE KS HALF CENTURY RETAINING WALL SHALL BE DESIGNED AS PER THE MANUFACTURER.
 2. FENCING SHALL BE INSTALLED FOR AS SHOWN ON THE PLANS. IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 3. COLORS TO MATCH FOUNDATION STONE.
 4. FOR WALLS OVER HEIGHTS OF 4'-0" SEE SPECIFIC ENGINEERED WALL DETAILS AS PREPARED BY OTHERS.
 5. PRIOR TO CONSTRUCTION, DESIGN OF RETAINING WALLS SHALL BE PREPARED BY A LICENSED NEW YORK STATE PROFESSIONAL ENGINEER AND BE SUBMITTED TO THE TOWN OF NEWBURGH BUILDING INSPECTOR / ENGINEER FOR REVIEW AND APPROVAL.

TYPICAL MSE RETAINING WALL

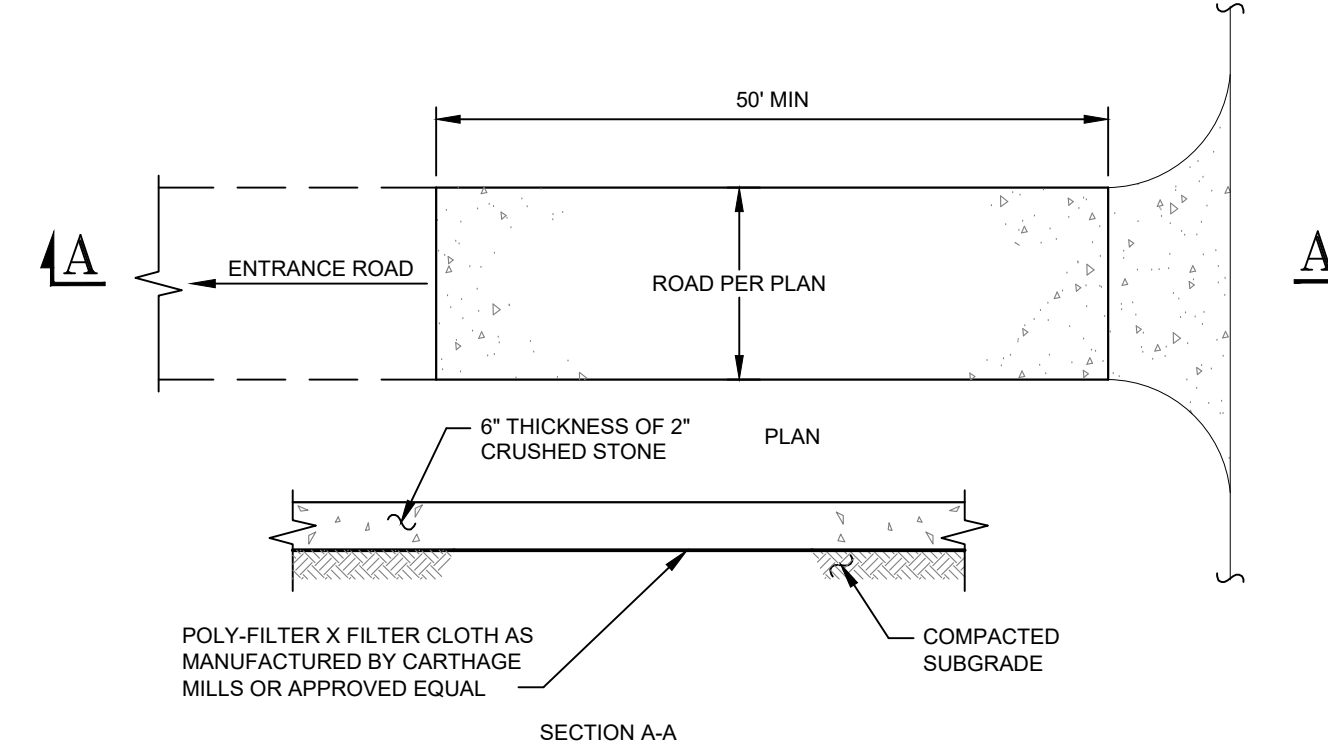
SCALE: N.T.S.



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

SOIL STOCKPILE

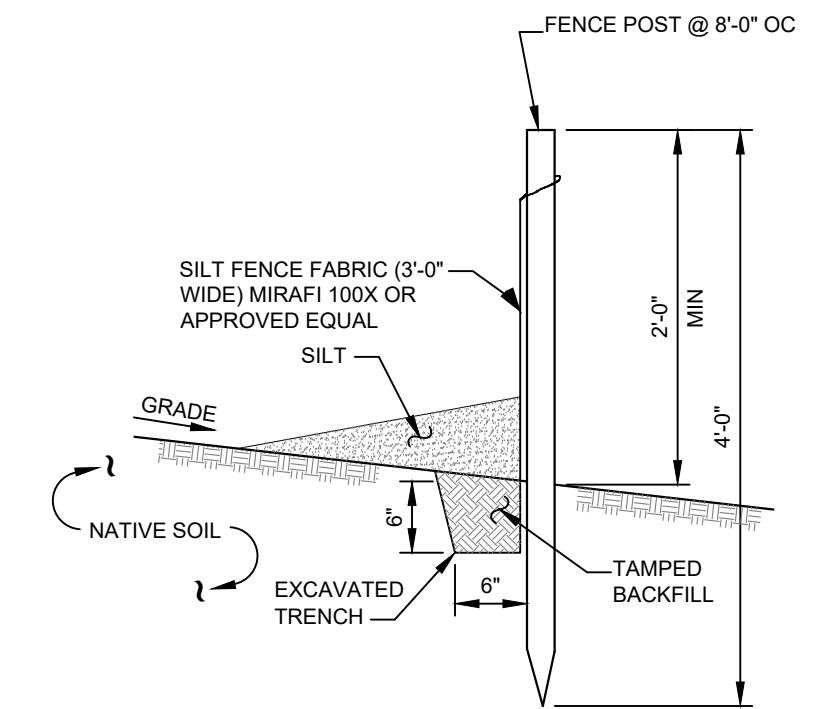
SCALE: N.T.S.



- NOTES:**
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.

STABILIZED CONSTRUCTION ENTRANCE

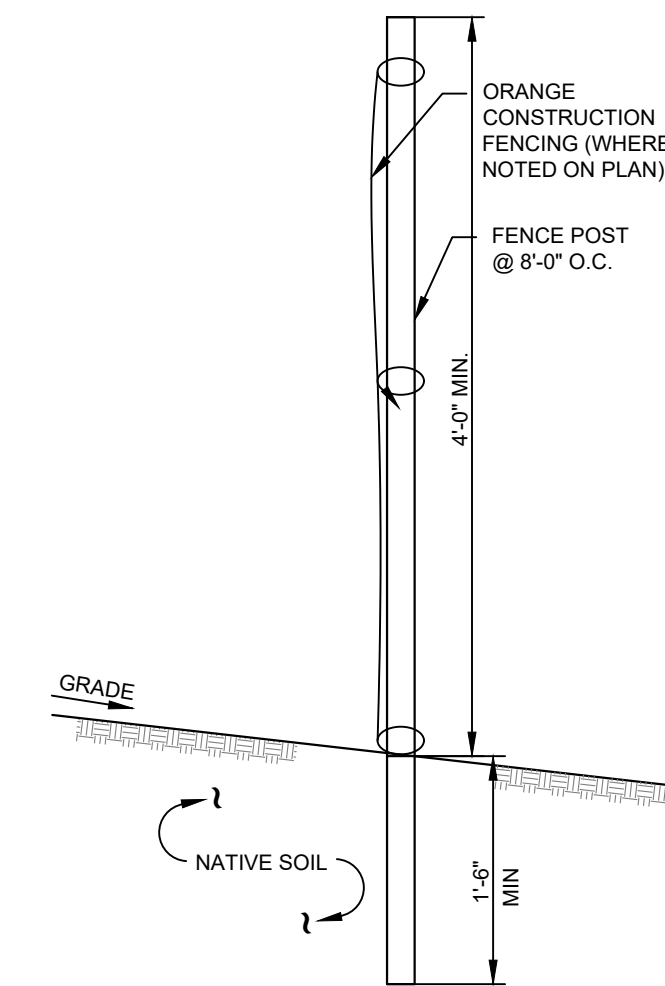
SCALE: N.T.S.



SILT FENCE

SCALE: N.T.S.

- NOTES:**
1. SILT FENCE TO BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.



- NOTES:**
1. ORANGE CONSTRUCTION FENCE LOCATIONS SHALL BE STAKED BY A SURVEYOR AND INSTALLATION SHALL BE CONFIRMED BY THE ENGINEER PRIOR TO ANY LAND DISTURBANCE WITHIN 125 FEET OF AN EXISTING WETLAND AND IN AREAS WHERE TREES AND STONE WALLS ARE TO BE PRESERVED.
 2. ALL ORANGE CONSTRUCTION FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO PROTECT SENSITIVE AREAS.
 3. THE ORANGE CONSTRUCTION FENCING WILL BE REMOVED UPON FINAL STABILIZATION OF ALL AREAS WITHIN 125 FEET OF FENCING.

ORANGE CONSTRUCTION FENCE

SCALE: N.T.S.

NOT FOR OCHD REVIEW OR APPROVAL

No.	DATE	DESCRIPTION
1	05/27/22	RIVER RD DRIVEWAY AND GRADING
2	06/27/22	REVISED GRADING
3	10/17/22	REVISED GRADING
4	10/19/23	REVISED PER OCHD COMMENTS
5	05/28/24	REVISED PER OCHD COMMENTS
6	08/02/24	REVISED PER OCHD COMMENTS
7	09/25/24	REVISED PER PLANNING BOARD COMMENTS
8	10/25/24	REVISED PER PLANNING BOARD COMMENTS

DRAWING STATUS		ISSUE DATE:
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		10/25/2024
	SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL	N/A	OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	3	OF 3
<input type="checkbox"/> OCHDH REALTY SUBDIVISION APPROVAL	N/A	OF N/A
<input type="checkbox"/> OCHDH SEWAGE DISPOSAL SYSTEM REVIEW	N/A	OF N/A
<input type="checkbox"/> NYSDCE 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).

COPIES OF THIS DOCUMENT WITHOUT AN ACTUAL OR FACSIMILE OF THE ENGINEER'S SIGNATURE AND AN ORIGINAL STAMP IN RED OR BLUE INK SHALL BE CONSIDERED INVALID.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW.

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

ORIGINAL SCALE IN INCHES

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

DETAILS

ANCHORAGE-ON-THE-HUDSON LOT #3
MARINERS COURT
TOWN OF NEWBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1600.01
DATE: 05/19/21
REVISION: 8 - 10/25/2024

DRAWN BY: RMB & KAB
SCALE: AS NOTED
TAX LOT: 121-1-3

C-302

© COPYRIGHT 2022 ENGINEERING & SURVEYING PROPERTIES, PC