

PROPOSED DRIVEWAY PROFILE
SCALE: 1" = 40' 1" = 20'

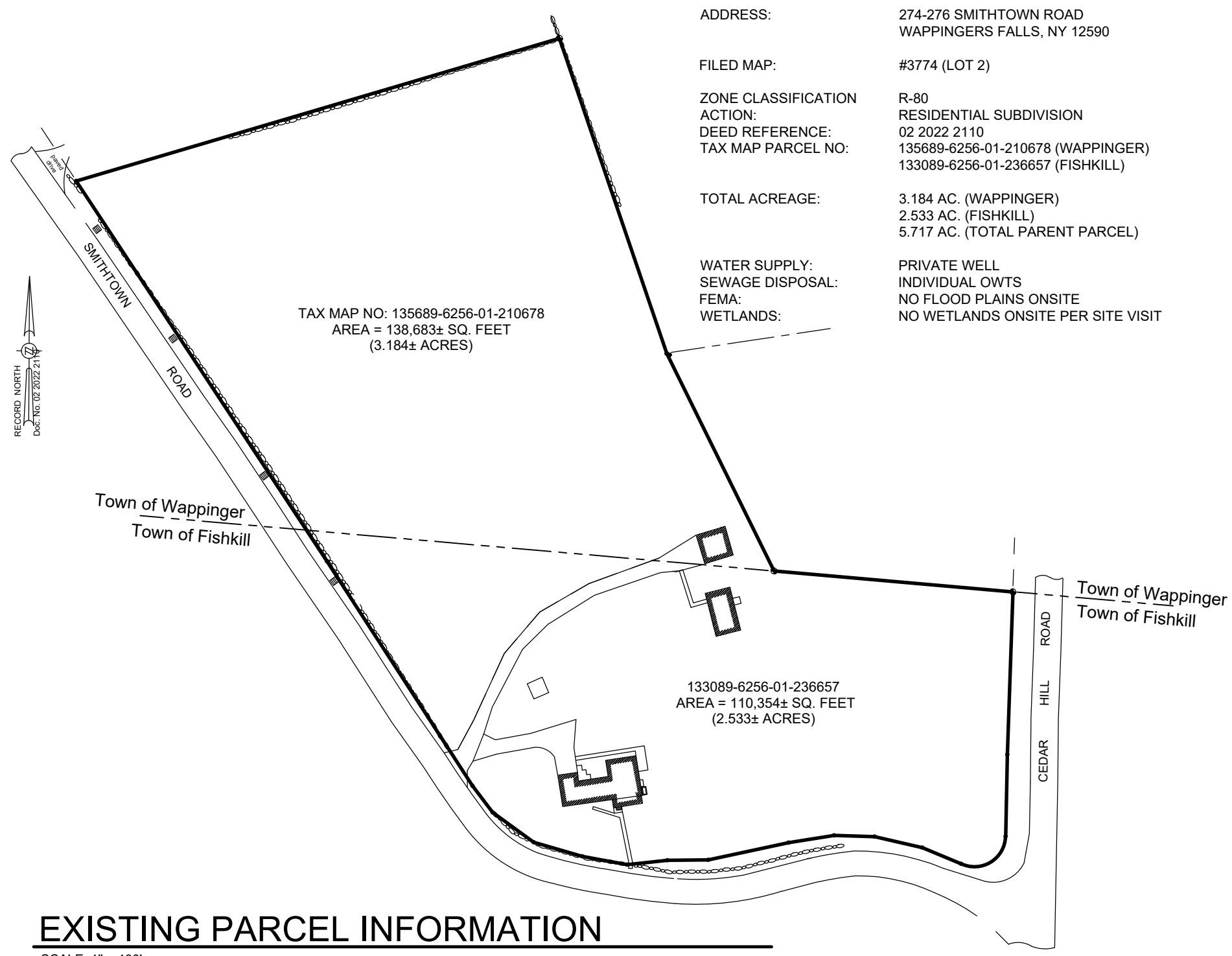
ADDRESS: 274-276 SMITHTOWN ROAD
WAPPINGERS FALLS, NY 12590

FILED MAP: #3774 (LOT 2)

ZONE CLASSIFICATION: R-80
ACTION: 02.2022.2110
DEED REFERENCE: 135689-6256-01-210678 (WAPPINGER)
TAX MAP PARCEL NO.: 133089-6256-01-236657 (FISHKILL)

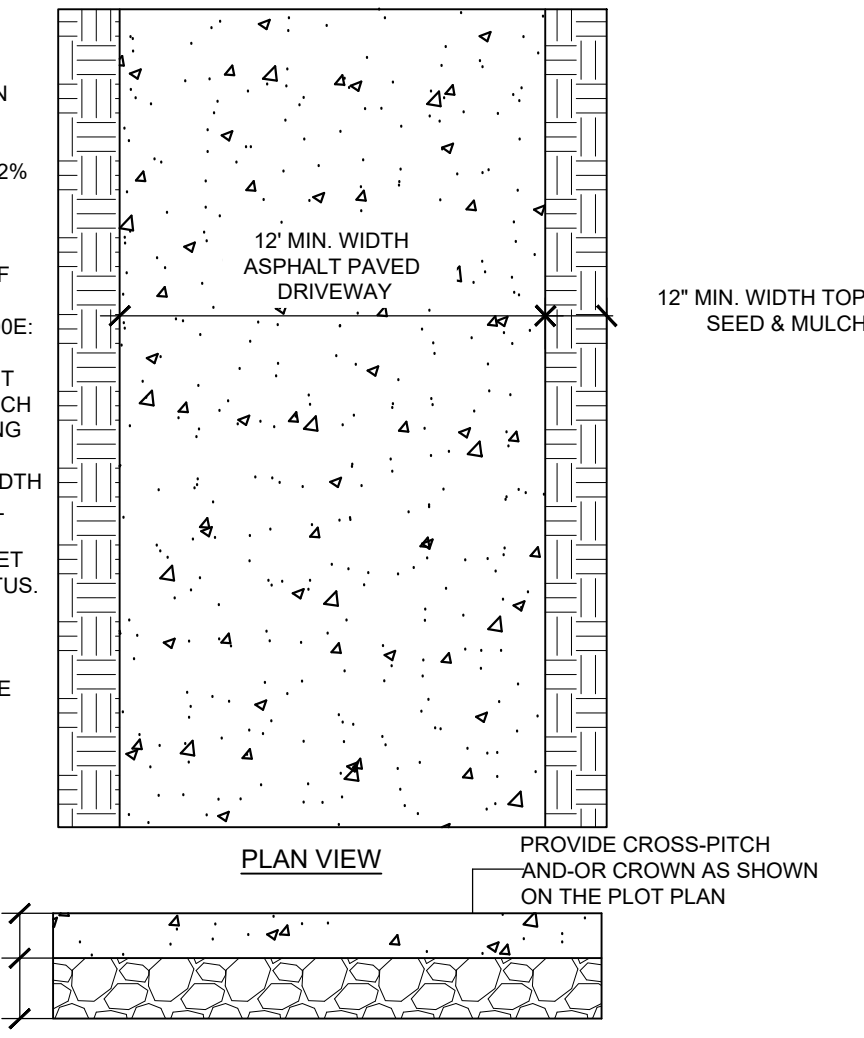
TOTAL ACREAGE: 3.184 AC. (WAPPINGER)
2.533 AC. (FISHKILL)
5.717 AC. (TOTAL PARENT PARCEL)

WATER SUPPLY: PRIVATE WELL
SEWAGE DISPOSAL: INDIVIDUAL OWTS
FEMA: NO FLOOD PLAINS ONSITE
WETLANDS: NO WETLANDS ONSITE PER SITE VISIT



EXISTING PARCEL INFORMATION
SCALE: 1" = 100'

- DRIVEWAY NOTES:**
- ALL DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING DESIGN STANDARDS AS SET FORTH BY THE TOWN OF WAPPINGER:
 - THE MAXIMUM GRADE SHALL BE 12%.
 - ALL DRIVEWAYS SHALL BE CONSTRUCTED SUCH THAT A POSITIVE GRADE (BETWEEN 2% AND 4%) IS ACHIEVED TO A POINT NOT LESS THAN 25 FEET FROM THE EDGE OF PAVEMENT.
 - THE FIRST 25 FEET OF ALL DRIVEWAYS SHALL BE PAVED.
 - ALL DRIVEWAYS WITH GRADES GREATER THAN OR EQUAL TO 6% AND/OR LENGTHS OF GREATER THAN 250 FEET SHALL BE PAVED FOR THEIR ENTIRE LENGTH.
 - DRIVEWAY REQUIREMENTS PER TOWN OF WAPPINGER ZONING CODE SECTION 240-100E: DRIVEWAYS AND ACCESS ROADS SHALL BE SO DESIGNED AS TO PROVIDE FIRE DEPARTMENT APPARATUS ACCESS TO WITHIN A DISTANCE OF SEVENTY-FIVE (75) FEET OR LESS OF THE STRUCTURE THAT MAY BE CALLED UPON TO BE PROTECTED AND SUCH DRIVEWAYS AND ACCESS ROADS SHALL BE DESIGNED SO AS TO MEET THE FOLLOWING REQUIREMENTS:
 - DRIVEWAYS UNDER FIVE HUNDRED (500) FEET LONG SHALL HAVE A MINIMUM WIDTH OF TWELVE (12) FEET; DRIVEWAYS OVER FIVE HUNDRED (500) FEET LONG SHALL HAVE A MINIMUM WIDTH OF TWELVE (12) FEET AND, IN ADDITION, SHALL HAVE A FIFTY (50) FOOT BY TWELVE (12) FOOT FULL-OFF EVERY FIVE HUNDRED (500) FEET TO ACCOMMODATE A FORTY (40) FOOT LONG PIECE OF FIRE FIGHTING APPARATUS.
 - THE DRIVEWAYS SHALL HAVE AND MAINTAIN AN OVERHEAD CLEARANCE OF FIFTEEN (15) FEET, FREE OF ANY OBSTRUCTIONS SUCH AS TREE BRANCHES, PERSONAL LIGHT POLES, UTILITY WIRES, ETC.
 - THE DRIVEWAY BASE SHALL BE SUFFICIENT TO SUPPORT A THIRTY (30) TON FIRE FIGHTING APPARATUS.
 - NO TURNS SHALL BE OF SUCH A DEGREE AS TO PREVENT ACCESS OF FIRE DEPARTMENT APPARATUS.



DRIVEWAY NOTES AND DETAILS
NOT TO SCALE

ENDANGERED AND THREATENED SPECIES NOTES

- IN ORDER TO PROTECT THE FEDERALLY LISTED ENDANGERED INDIANA BAT (MYOTIS SODALIS) THE CLEARING OF TREES SHALL OCCUR BETWEEN OCTOBER 1ST AND MARCH 31ST.

Table of Contents

Sheet No.	Sheet Title
CS101	1 of 3 Subdivision Plan
CU101	2 of 3 OWTS & Water Plan
CU501	3 of 3 Construction Details

Dig Safely. New York
Call Before You Dig
Wait The Required Time
Confirm Utility Response
Respect The Marks
Dig With Care
800-962-7962
www.digsafelynewyork.com

TOWN OF WAPPINGER PLANNING BOARD
APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF WAPPINGER, NEW YORK ON THE _____ DAY OF _____, 2024 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL.
TOWN OF WAPPINGER PLANNING BOARD

SIGNED THIS _____ DAY OF _____, 2024

TOWN OF WAPPINGER PLANNING BOARD CHAIR

SURVEY CERTIFICATION
I HEREBY CERTIFY THAT THIS BOUNDARY AND TOPOGRAPHICAL SURVEY WAS PREPARED BY ME AND WAS MADE FROM AN ACTUAL FIELD SURVEY

JAMES A. SHERIDAN, L.S. NYS NO 49721 SEAL

RECOMMENDED FOR APPROVAL

DC EHSD APPROVED

DATE: _____
PROJECT: _____

SUPERVISING PUBLIC HEALTH ENGINEER

Applicant and Owner
MLC SMITHTOWN PROPERTIES LLC
381 CEDAR HILL RD
FISHKILL, NY 12524

Owner Consent Note
THE UNDERSIGNED OWNER OF THIS PROPERTY HEREOF STATES THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS AS STATED HEREOF

OWNER _____ DATE _____

TOWN OF FISHKILL
BUILDING, FIRE, ZONING DEPARTMENT
805 Route 12, Fishkill, New York 12524-1105
website: www.fishkill.ny.gov e-mail: pcorra@fishkill.ny.gov
(845) 831-7800 ext. 3321 Fax: (845) 831-3256

July 11, 2024

Ania Odell
Day Stokosa
3 Van Wyck Lane
Wappingers Falls, NY 12590

RE: MLC Smithtown Road Subdivision
The Town of Fishkill has no issue deferring to the Town of Wappinger for the MLC Smithtown Road Subdivision.

If you have any further questions, please feel free to give a call.

Sincerely,
Joe Petrus
Building Inspector/Zoning Administrator

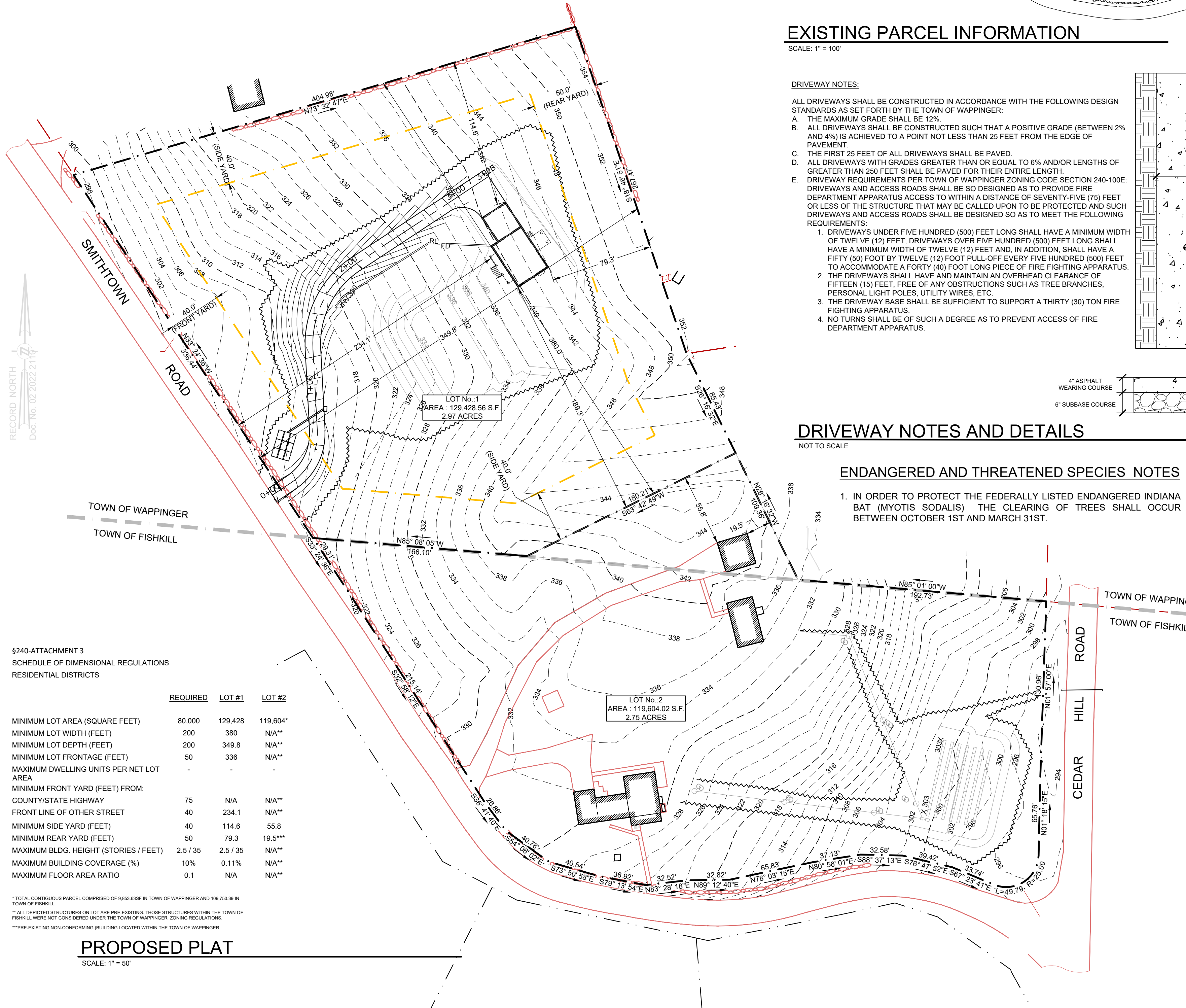
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSONS TO ALTER THESE PLANS, SPECIFICATIONS, OR REPORTS IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR.

Brian J. Stokosa, PE
AUGUST 07, 2024
JULY 25, 2024
Project No. 2023-226
License No. 063970

DAY STOKOSA ENGINEERING P.C.
3 Van Wyck Lane
Wappingers Falls, New York 12590
(845)-223-3202

SUBDIVISION PLAN
SCALE: AS NOTED
DRAWN BY: BJS
DATE: 07-15-24

CS101
DRAWING No. 1 of 3



\$240-ATTACHMENT 3
SCHEDULE OF DIMENSIONAL REGULATIONS
RESIDENTIAL DISTRICTS

REQUIRED	LOT #1	LOT #2
MINIMUM LOT AREA (SQUARE FEET)	80,000	129,428
MINIMUM LOT WIDTH (FEET)	200	380
MINIMUM LOT DEPTH (FEET)	200	349.8
MINIMUM LOT FRONTAGE (FEET)	50	336
MAXIMUM DWELLING UNITS PER NET LOT AREA		
MINIMUM FRONT YARD (FEET) FROM: COUNTY/STATE HIGHWAY	75	N/A
FRONT LINE OF OTHER STREET	40	234.1
MINIMUM SIDE YARD (FEET)	40	114.6
MINIMUM REAR YARD (FEET)	50	79.3
MAXIMUM BLDG. HEIGHT (STORIES / FEET)	2.5 / 35	2.5 / 35
MAXIMUM BUILDING COVERAGE (%)	10%	0.11%
MAXIMUM FLOOR AREA RATIO	0.1	N/A

* TOTAL CONTIGUOUS PARCEL COMPRISED OF 8,883.63SF IN TOWN OF WAPPINGER AND 109,750.39 IN TOWN OF FISHKILL.
** ALL EXISTING STRUCTURES ON LOT ARE PRE-EXISTING. THOSE STRUCTURES WITHIN THE TOWN OF FISHKILL WERE NOT CONSIDERED UNDER THE TOWN OF WAPPINGER ZONING REGULATIONS.
*** PRE-EXISTING NON-CONFORMING BUILDING LOCATED WITHIN THE TOWN OF WAPPINGER.

PROPOSED PLAT
SCALE: 1" = 50'

DC EHS - STANDARD NOTES FOR RESIDENTIAL PROJECTS

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

- "APPENDIX 75-A, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."
- "NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS", NYSDEC
- "RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS, DESIGN HANDBOOK", NEW YORK STATE DEPARTMENT OF HEALTH.
- "PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT", NEW YORK STATE DEPARTMENT OF HEALTH.
- "NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."
- "DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES."
- "DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION CERTIFICATE OF APPROVAL LETTER."

THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF WATER SUPPLY AND SEWAGE DISPOSAL AND TREATMENT FACILITIES; AND, AS A CONDITION OF THIS APPROVAL, A CONSTRUCTION INSPECTION BY A REPRESENTATIVE OF THE DC EHS SHALL BE DONE TO DETERMINE THAT CONSTRUCTION AT THE TIME OF INSPECTION WAS COMPLETED IN GENERAL CONFORMANCE WITH THE APPROVED PLANS AND ANY AMENDMENT THEREOF.

APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF 5 YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.

THE DC EHS SHALL BE CONTACTED PRIOR TO THE COMMENCEMENT OF THE HOME CONSTRUCTION AND/OR ISSUANCE OF A BUILDING PERMIT FOR A PRE-CONSTRUCTION INSPECTION TO ENSURE THAT THE ARRANGEMENTS FOR WATER SUPPLY AND SEWAGE DISPOSAL ARE COMMENCED IN ACCORDANCE WITH THE APPROVED PLANS AND AMENDMENTS THERETO AND GENERALLY ACCEPTED STANDARDS.

ALL WELLS AND ONSITE WASTEWATER TREATMENT SYSTEMS, EXISTING OR APPROVED, LOCATED WITHIN 300 FEET OF THE PROPOSED WELL ONSITE WASTEWATER TREATMENT SYSTEM ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE ONSITE WASTEWATER TREATMENT SYSTEM AND WELL.

IF THE TANK IS DELIVERED TO THE SITE IN SECTIONS, THEN IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE DC EHS FIELD INSPECTOR AND/OR DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THE TANK MUST ALSO MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE ELECTRICAL AND SAFETY STANDARDS.

NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS SHALL BE DISCHARGED INTO THE ONSITE WASTEWATER TREATMENT SYSTEM OR WITHIN 50 FEET OF ANY WELL.

ALL BUILDINGS SHALL BE CONSTRUCTED AT AN ELEVATION HIGH ENOUGH TO ENSURE GRAVITY FLOW TO THE ONSITE WASTEWATER TREATMENT SYSTEM.

THERE SHALL BE NO VEHICULAR TRAFFIC OVER THE ONSITE WASTEWATER TREATMENT SYSTEM. PRIOR TO CONSTRUCTION, THE AREA OF THE SYSTEM SHALL BE STAKED OUT AND FENCED OFF.

ONSITE WASTEWATER TREATMENT SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.

ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORMWATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.

ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

FOR MAPS WITH EXISTING HOUSES WITH ONSITE WASTEWATER TREATMENT SYSTEMS

THE EXISTING ONSITE WASTEWATER TREATMENT SYSTEM(S) AND/OR WATER SUPPLY(IES) WERE INSTALLED PRIOR TO THE DATE OF THIS APPROVAL AND THEREFORE THIS APPROVAL SHALL NOT BE CONSTRUED TO MEAN THAT THE FUNCTIONAL ABILITY OR ADEQUACY OF THE EXISTING ONSITE WASTEWATER TREATMENT SYSTEM(S) AND/OR WATER SUPPLY(IES) ON THE EXISTING LOT HAVE BEEN APPROVED OR ACCEPTED.

ANY CONSTRUCTION OF AN ONSITE WASTEWATER TREATMENT SYSTEM AND/OR WATER SUPPLY ON AN AREA OF AN EXISTING LOT(S) WHICH IS NOT EXISTING AT THE TIME OF THIS APPROVAL BUT WAS APPROVED AS PART OF THIS APPROVAL SHALL BE INSPECTED AND APPROVED BY THE DC EHS PRIOR TO USE.

SITE SPECIFIC NOTES:

- THE INTENT OF THIS PLAN IS TO SEEK AND OBTAIN HEALTH DEPARTMENT APPROVAL FOR A PROPOSED OWTS AND WATER SUPPLY TO SUPPORT A RESIDENTIAL DWELLING WITH 4 BDRMS IN THE TOWN OF WAPPINGER. THE EXISTING DWELLING AND COTTAGE IN FISHKILL HAS BEEN DESIGNED WITH A REPLACEMENT AREA. THE LOT IS SUBJECT TO A LOT LINE REALIGNMENT IN THE TOWN OF WAPPINGER.
- A PRE-CONSTRUCTION MEETING MUST BE SCHEDULED AT THE SITE WITH THE OWNER OR DEVELOPER AND A REPRESENTATIVE FROM THE DUTCHESS COUNTY DEPARTMENT OF HEALTH PRIOR TO INSTALLATION TO DISCUSS APPROVED ARRANGEMENTS FOR THE WATER SUPPLY AND SEWAGE DISPOSAL PER THE APPROVED PLAN.
- IF A SEPTIC TANK IS DELIVERED TO THE SITE IN SECTIONS, IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE D.C.H.D. FIELD INSPECTOR AND/OR CERTIFYING ENGINEER THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS SEALED AND WATERTIGHT.
- THE HOUSE ADDITION LOCATION SHALL MEET THE MINIMUM REQUIREMENTS AS SET FOR BY THE TOWN ZONING ORDINANCE. THE TOWN ZONING AND BUILDING DEPARTMENTS SHALL BE CONSULTED TO INSURE CONFORMITY WITH ALL APPLICABLE ZONING REQUIREMENTS PRIOR TO CONSTRUCTION.
- BOUNDARY AND TOPO SURVEY INFORMATION TAKEN FROM A MAP PREPARED BY JAMES A. SHERIDAN, P.L.S.
- THE FOOTING DRAIN AND ROOF LEADER SHALL BE PROVIDED A 3' L X 1' W RIP RAP SPLASH PAD.

DEEP TEST SOIL DATA

DEEP TEST PITS 1-3 WERE PERFORMED ON THE DATE OF 4/6/2023.
DEEP TEST PITS A-C WERE PERFORMED ON THE DATE OF 7/11/24.
DEEPS WITNESSED BY THE DCHD AND THE OFFICE OF DAY & STOKOSA ENGINEERING PC.

TEST HOLE	DEPTH	ROCK	IMP.	WATER	RESULTS
1	6'-6"	---	---	2.5'	0' TO 3' CLAY LOAM, BAL - TIGHTER CLAY
2	6'-6"	---	---	2.5'	0' TO 3' CLAY LOAM, BAL - TIGHTER CLAY
3	6'-0"	---	---	2.5'	0' TO 3' CLAY LOAM, BAL - TIGHTER CLAY
A	6'-0"	---	---	3.5'	0' TO 6" TOPSOIL, 6'-6" SILTY LOAM WITH COBBLES, TIGHTER TOWARD BOTTOM
B	6'-0"	---	---	3.5'	0' TO 6" TOPSOIL, 6'-6" SILTY LOAM WITH COBBLES, TIGHTER TOWARD BOTTOM
C	6'-0"	---	---	3.5'	0' TO 6" TOPSOIL, 6'-6" SILTY LOAM WITH COBBLES, TIGHTER TOWARD BOTTOM

PERCOLATION TEST DATA

PERCOLATION TESTS HOLES (1-2) WERE PERFORMED ON THE DATE OF 6/9/2023.
PERCOLATION TESTS HOLES (1-2) WERE PERFORMED ON THE DATE OF 7/16/2024.
PERCOLATION HOLES WERE PRE-DUG AND SOAKED 24 HOURS PRIOR TO TESTING.

T.H. NO.	DEPTH	1	2	3	4	5	DESIGN RATE IMPLEMENTED
1	30"	31	35	39	39	--	46-60 MIN. DESIGN RATE
2	30"	25	30	48	53	53	16-20 MIN. DESIGN RATE
A	30"	7	15	17	17	--	

PROPOSED HOUSE PRIMARY & REPLACEMENT TILE FIELD SCHEDULE LOT#1

REQUIRED LINEAL FT. OF ABSORPTION AREA INFILTRATOR	SAND & GRAVEL FILL (MINIMUM)	TRENCH DEPTH (MAXIMUM)	TRENCH WIDTH	PUMP CHAMBER	DROP BOX	ONSITE WASTEWATER TREATMENT SYSTEM	SEPTIC TANK SIZE (GAL.)	CONFIGURATION FIELD	L.S.E. MIN. INV.	
3-BDRM-530 GPD	4'	6"	18"	24"	NO	YES	INFILTRATOR	1,000	3-BDRM - 5 LATS @ 56' EA = 280 L.F.	341.0

EXISTING HOUSE/COTTAGE REPLACEMENT TILE FIELD SCHEDULE LOT#2

REQUIRED LINEAL FT. OF ABSORPTION AREA INFILTRATOR	SAND & GRAVEL FILL (MINIMUM)	TRENCH DEPTH (MAXIMUM)	TRENCH WIDTH	PUMP CHAMBER	DROP BOX	ONSITE WASTEWATER TREATMENT SYSTEM	SEPTIC TANK SIZE (GAL.)	CONFIGURATION FIELD	L.S.E. MIN. INV.	
5-BDRM-750 GPD	2'	6"	18"	24"	NO	YES	INFILTRATOR	EXISTING	7 LATS @ 60' EA = 420 L.F.	PER PLAN

INFILTRATOR NOTE:

NO STONE SHALL BE PROVIDED UNDER OR IN THE INFILTRATOR TRENCH. IF STONE IS PRESENT APPROVAL SHALL BE INVALIDATED.

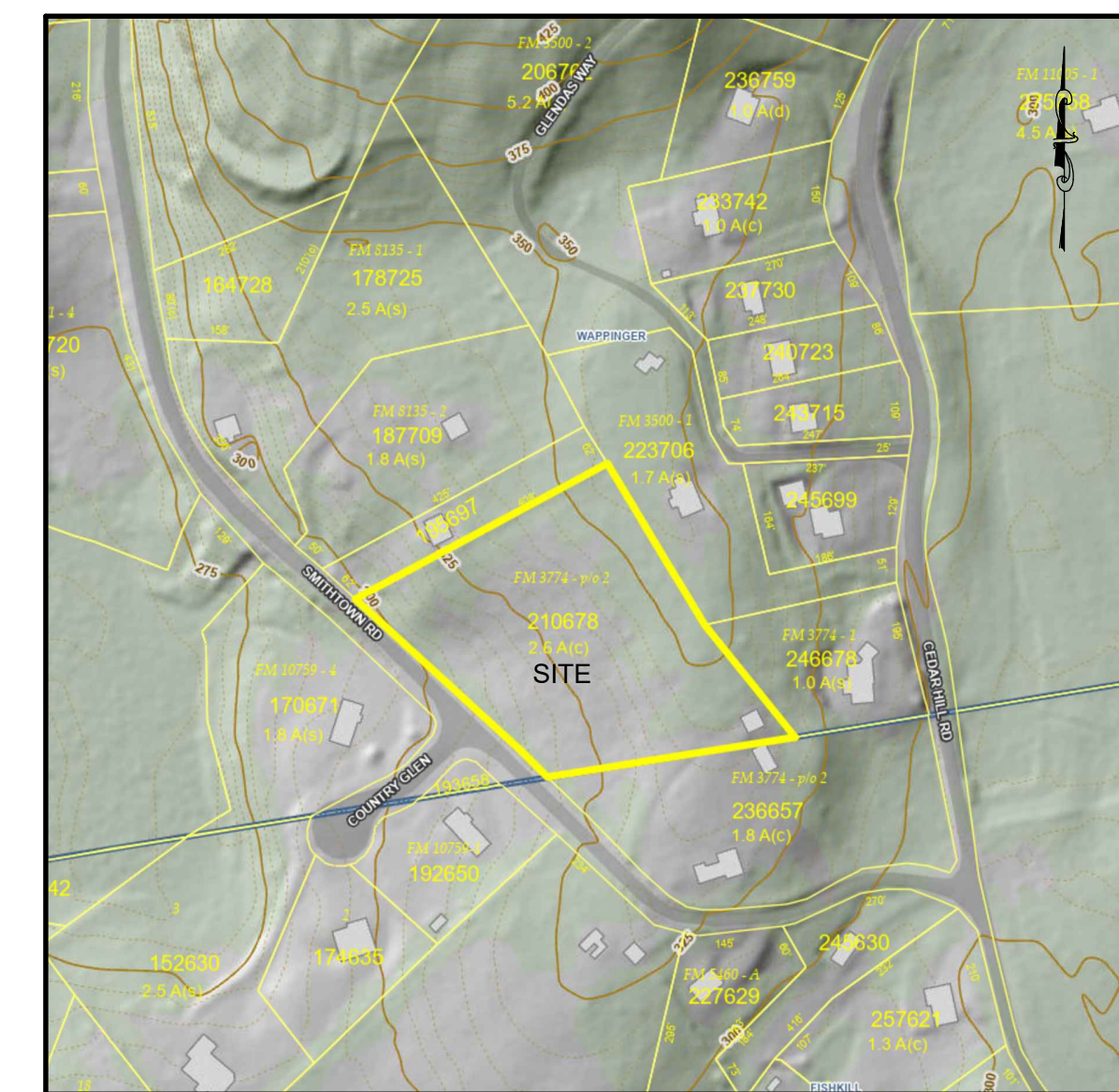
RECOMMENDED FOR APPROVAL

DC EHS APPROVED

DATE: _____

PROJECT: _____

SUPERVISING PUBLIC HEALTH ENGINEER



AREA MAP

SCALE: 1" = 250'

Dig Safely. New York
 Dig Safely and Dig Safely, New York are used under license from Dig Safely System, Inc.
 ■ Call Before You Dig
 ■ Wait The Required Time
 ■ Confirm Utility Response
 ■ Respect The Marks
 ■ Dig With Care
800-962-7962
 www.digsafelynewyork.com

GENERAL LEGEND

- EXISTING HOUSE (F.F.-8355)
- EXISTING APPROVED OWTS AREA
- SEPTIC TANK (ST)
- DISTRIBUTION BOX PRIMARY OWTS AREA
- REPLACEMENT OWTS AREA
- CLEAN OUT
- FOOTING DRAIN (FD)
- ROOF LEADER (RL)
- REGRADED CONTOUR (325)
- LIMIT OF DISTURBANCE
- PERCOLATION TEST LOCATION (PTW)
- DEEP SOIL TEST LOCATION (TPW)
- PROPOSED SILT FENCE

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSONS TO ALTER THESE PLANS, SPECIFICATIONS, OR REPORTS IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR.

Brian J. Stokosa, PE
 AUGUST 07, 2024
 JULY 25, 2024
 2023.226
 License No. 083970

DAY STOKOSA ENGINEERING P.C.

3 Van Wyck Lane
 Wappingers Falls, New York 12590
 (845)-223-3202

MLC SMITHTOWN PROPERTIES LLC
 Town of Wappinger Dutchess County, New York

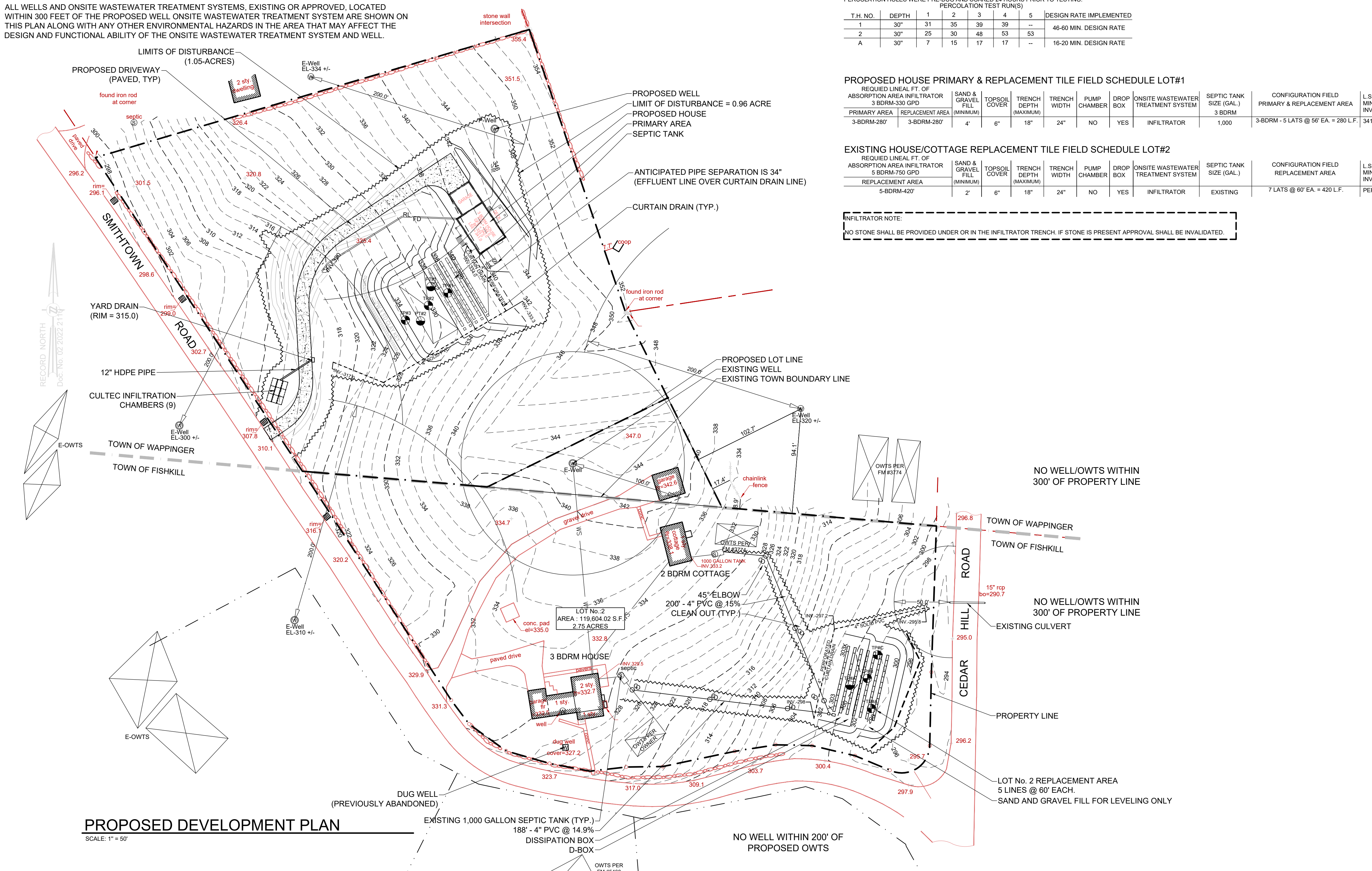
OWTS & WATER PLAN

SCALE: AS NOTED	DRAWN BY: BJS	DRAWING No. CU101
DATE: 07-15-24	CHECKED BY: BJS	2 of 3

Owner
 MLC SMITHTOWN PROPERTIES LLC
 381 CEDAR HILL RD
 FISHKILL, NY 12524

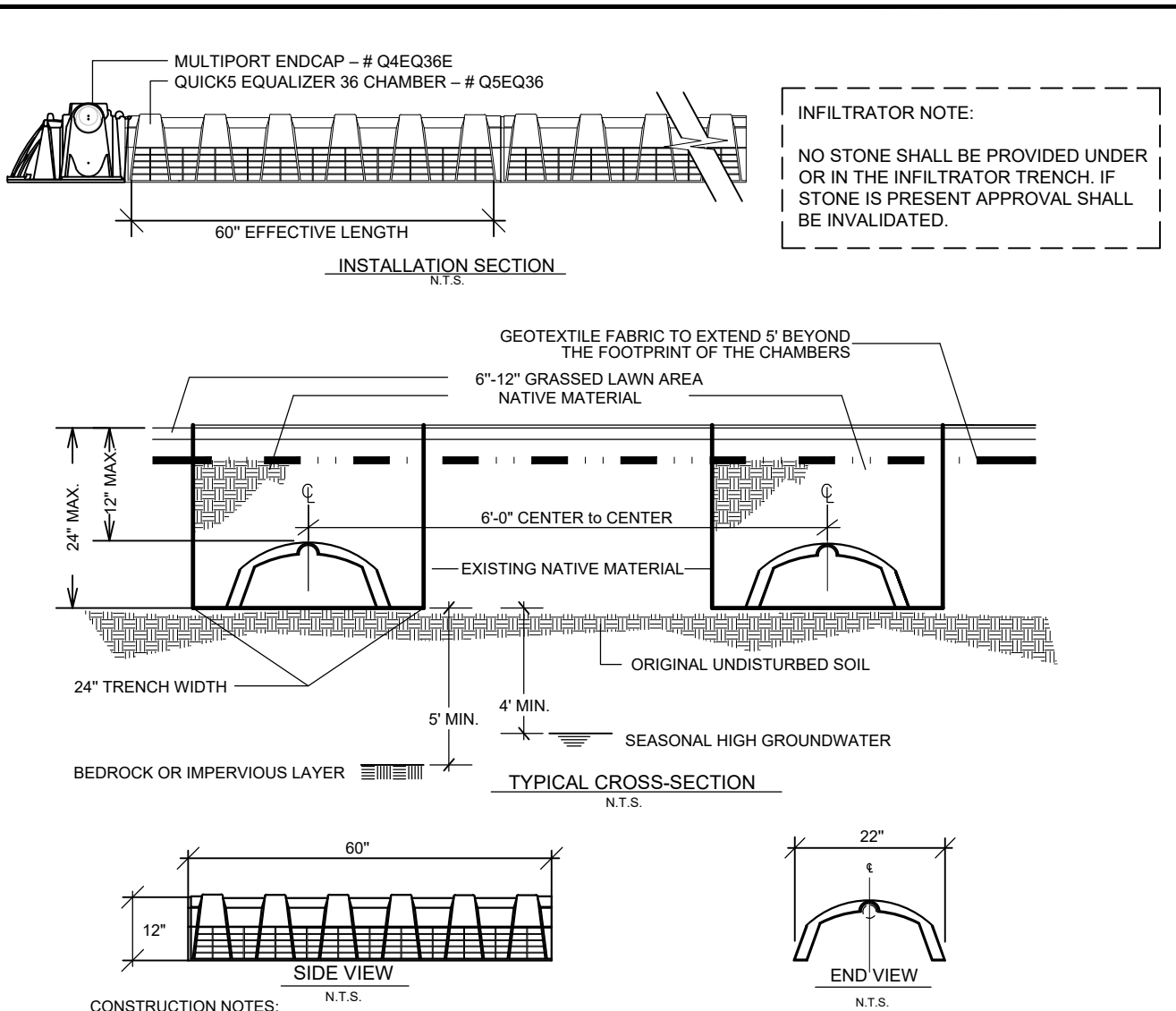
Owner Consent Note
 THE UNDERSIGNED OWNER OF THIS PROPERTY HEREOF STATES THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS AS STATED HEREOF

OWNER	DATE
-------	------



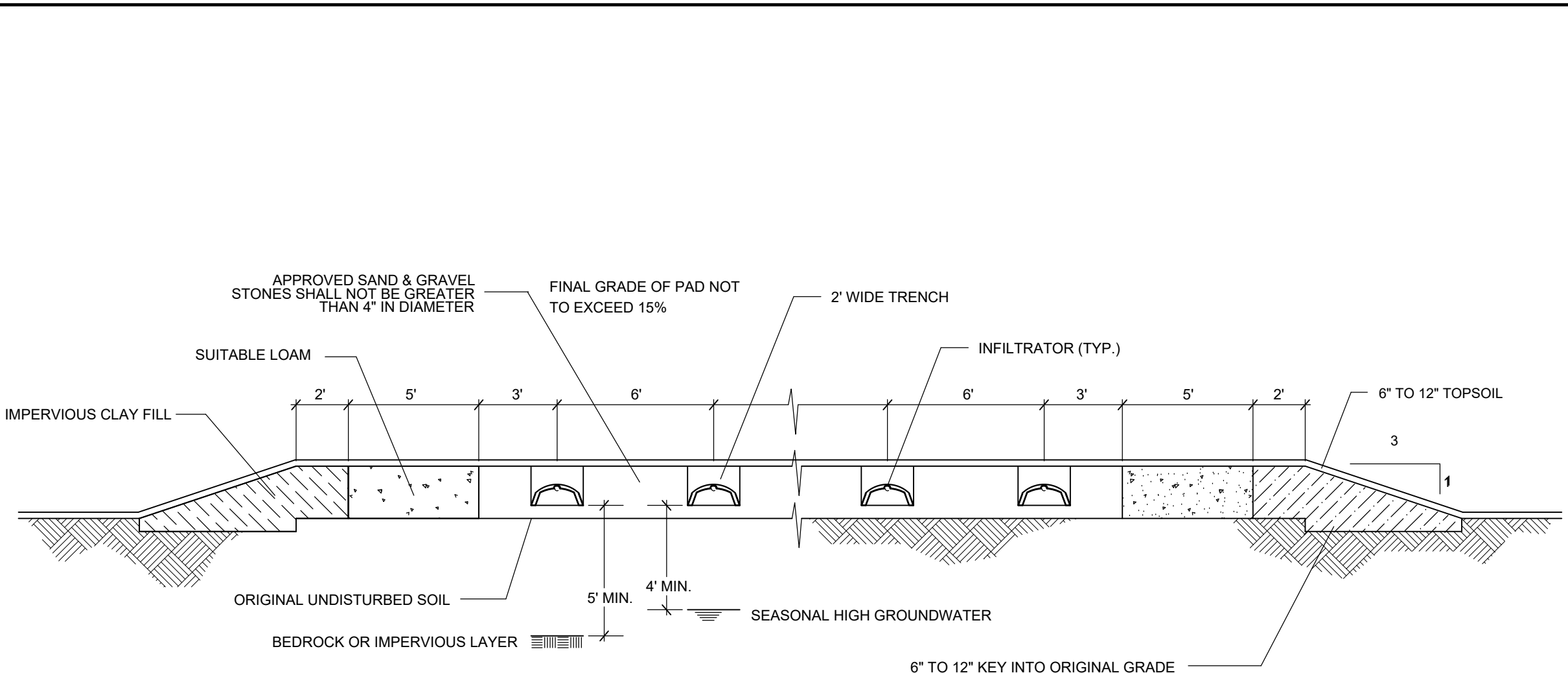
PROPOSED DEVELOPMENT PLAN

SCALE: 1" = 50'



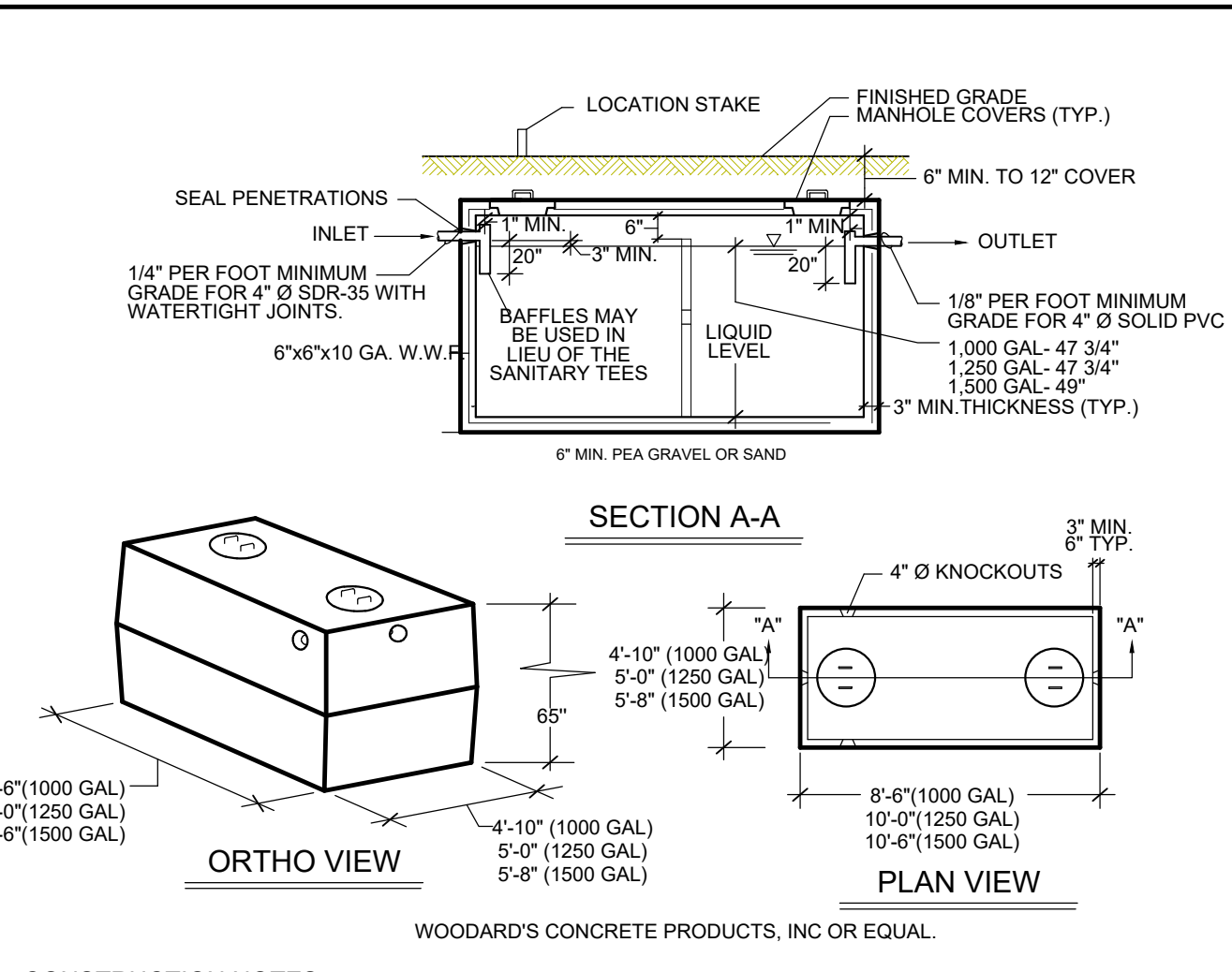
- CONSTRUCTION NOTES:**
- UNITS ARE TO BE QUICKS EQUALIZER 36 INFILTRATOR.
 - A MINIMUM OF 2" OF TOPSOIL COVER IS TO BE PLACED OVER UNITS AS SHOWN.
 - THE TOPSOIL LAYER SHALL BE SEED TO PROMOTE GRASS GROWTH.
 - UNITS TO BE SUPPLIED BY INFILTRATOR SYSTEMS INC., 6 OLD BUSINESS PARK ROAD, OLD SAYBROOK C.T. 06475.
 - UNITS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
 - MANUFACTURE WEBSITE: [HTTP://WWW.INFILTRATORSYSTEMS.COM](http://www.infiltratorsystems.com)
 - CHANGES IN INFILTRATOR MODEL, MANUFACTURE, AND MANUFACTURE INSTALLATION REQUIREMENTS WILL REQUIRE RE-APPROVAL FROM THE DCHD.
 - INFILTRATORS ARE TO BE SET LEVEL.

INFILTRATOR DETAIL
N.T.S.



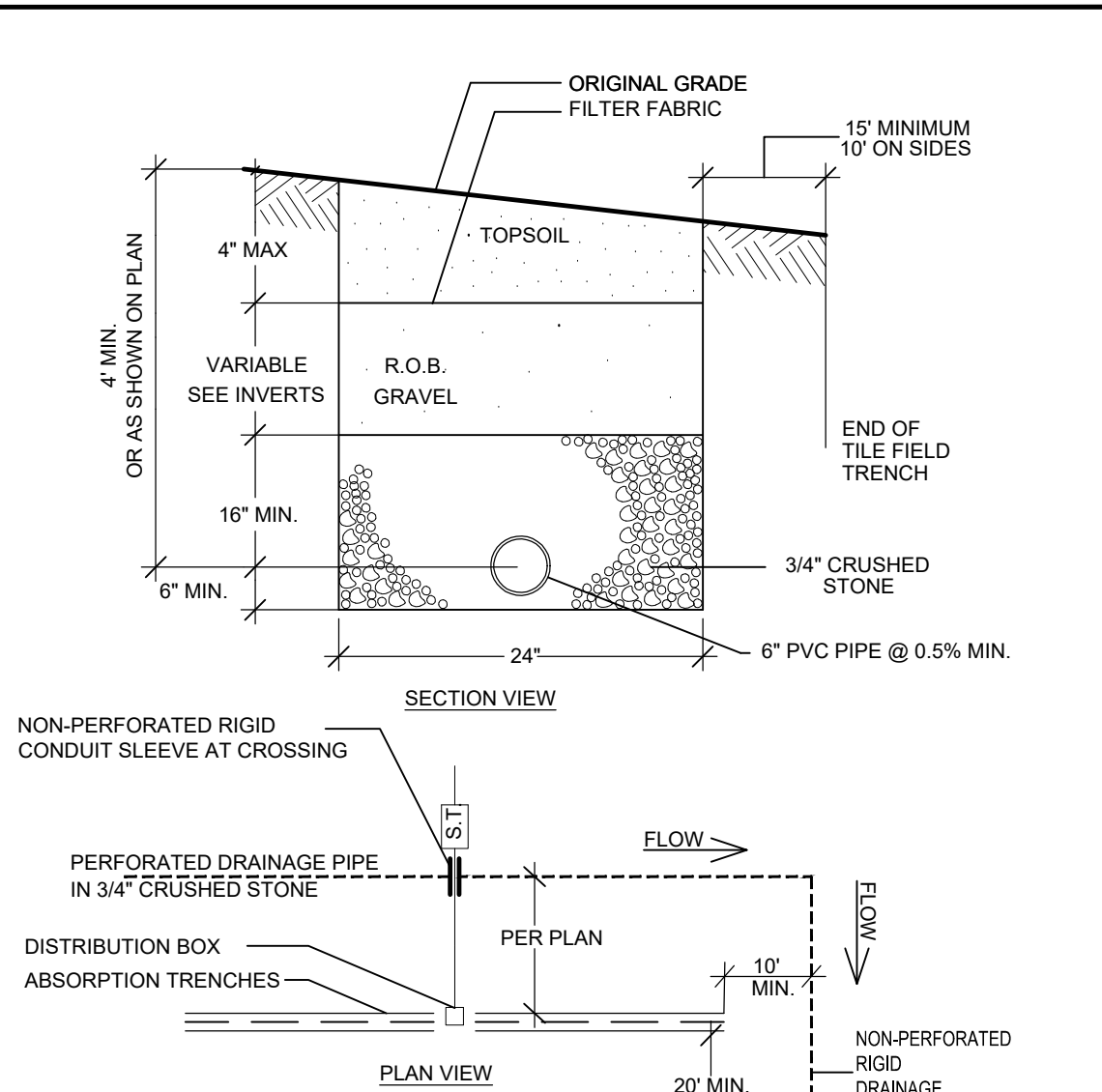
- CONSTRUCTION NOTES:**
- FILL SHALL BE SAND AND GRAVEL FILL WITH A STABILIZED PERCOLATION RATE WHICH IS LESS THAN OR EQUIVALENT TO THE PERCOLATION RATE OF THE VIRGIN SOIL, AND NO MORE THAN 15 MINUTES PER INCH. THE DESIGN ENGINEER SHALL CERTIFY IN WRITING THAT THE FILL MATERIAL IS IN THE PROPER PLACE, IS OF THE PROPER QUANTITY AND DIMENSIONS, AND IS OF PROPER QUALITY. PROPER QUALITY MUST BE DEMONSTRATED BY STABILIZED PERCOLATION TESTS, THE RESULTS OF WHICH SHALL BE SUBMITTED WITH THE ENGINEER'S CERTIFICATION.
 - LATERALS TO BE PLACED 6' ON CENTERS WITH THE LIMITS OF THE GRAVEL 3' BEYOND THE CENTER OF THE TRENCH.
 - THE CLAY FILL TO BE OF AN IMPERVIOUS NATURE AND PLACED BEYOND THE LIMITS OF GRAVEL.
 - THE SYSTEM SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.
 - A NYSDDE SHALL CERTIFY THE INSTALLATION OF THE CLAY KEY TO THE DCHD.

INFILTRATOR FILL PAD DETAIL
N.T.S.



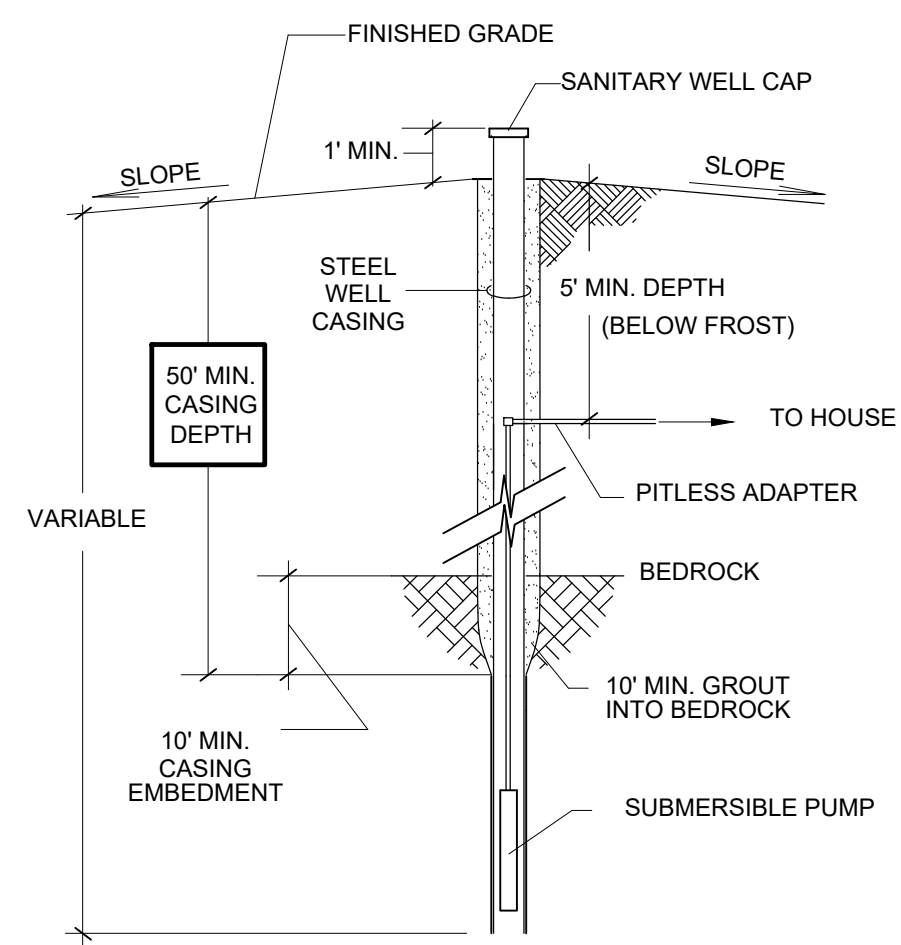
- CONSTRUCTION NOTES:**
- THE CONTRACTOR SHALL SEAL PENETRATIONS IN THE SEPTIC TANK SO THAT THE SEPTIC TANK IS WATERTIGHT.
 - THE SEPTIC TANK SHALL BE CONSTRUCTED FROM CONCRETE WHICH SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT A STANDARD 28 DAY COMPRESSIVE TEST.
 - 6"x6"x10 GA. WELDED WIRE FABRIC SHALL BE USED AS REINFORCEMENT FOR THE SEPTIC TANK.
 - TWO-PIECE SEPTIC TANKS SHALL BE SEALED WITH A BUTYL GASKET OR AS PER THE MANUFACTURER'S RECOMMENDATIONS.
 - THE SEPTIC TANK SHALL BE TESTED FOR WATER TIGHTNESS.

SEPTIC TANK DETAIL
SCALE: NOT TO SCALE

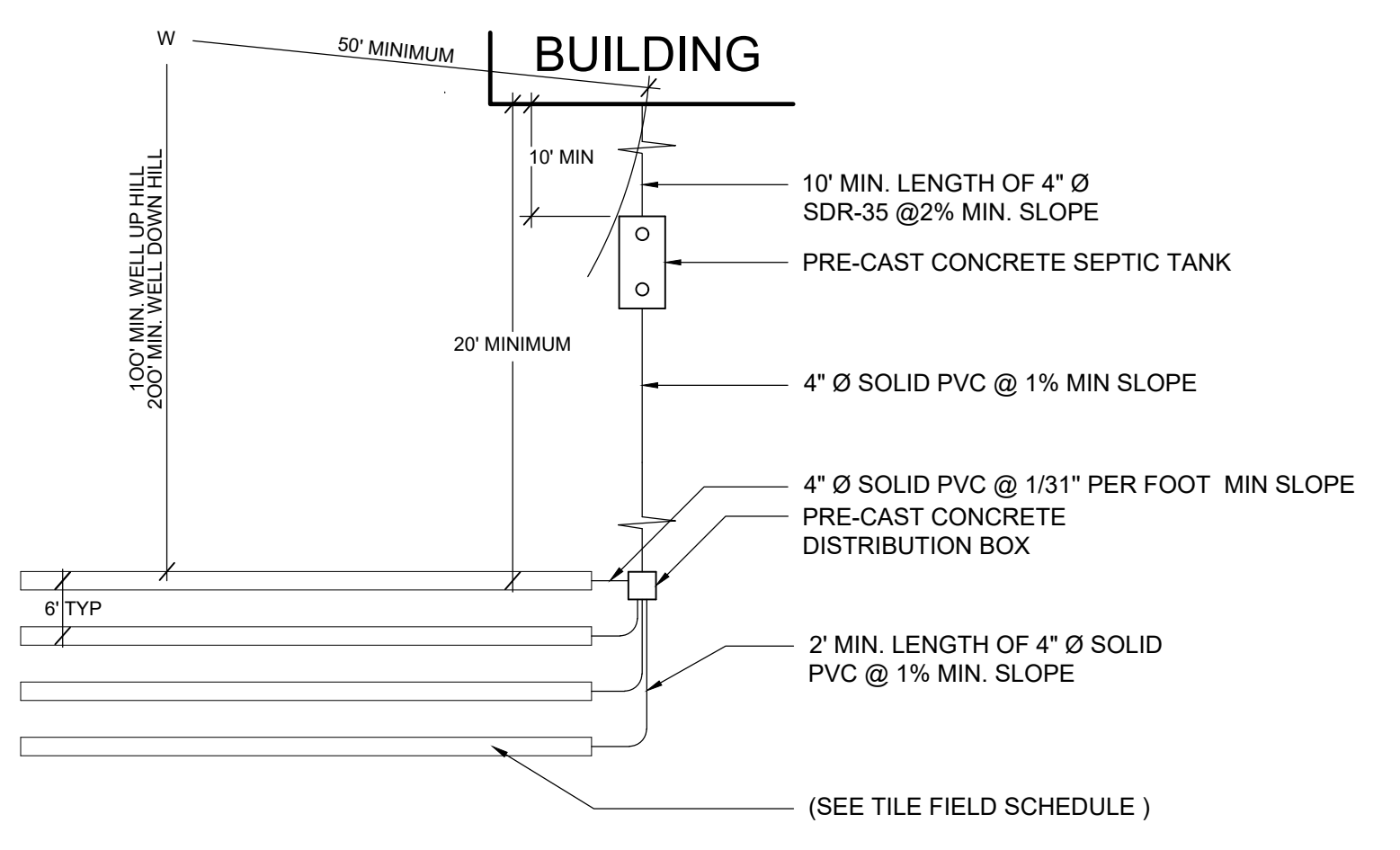


- CONSTRUCTION NOTE:**
- ALL CURTAIN DRAINS ARE TO DRAIN TO DAYLIGHT OR CATCH BASIN INLET AS SHOWN ON THE PLAN.
 - THE CURTAIN DRAINS INTO YARD DRAINS AS SHOWN ON THE SUBDIVISION PLAN WHERE REQUIRED.

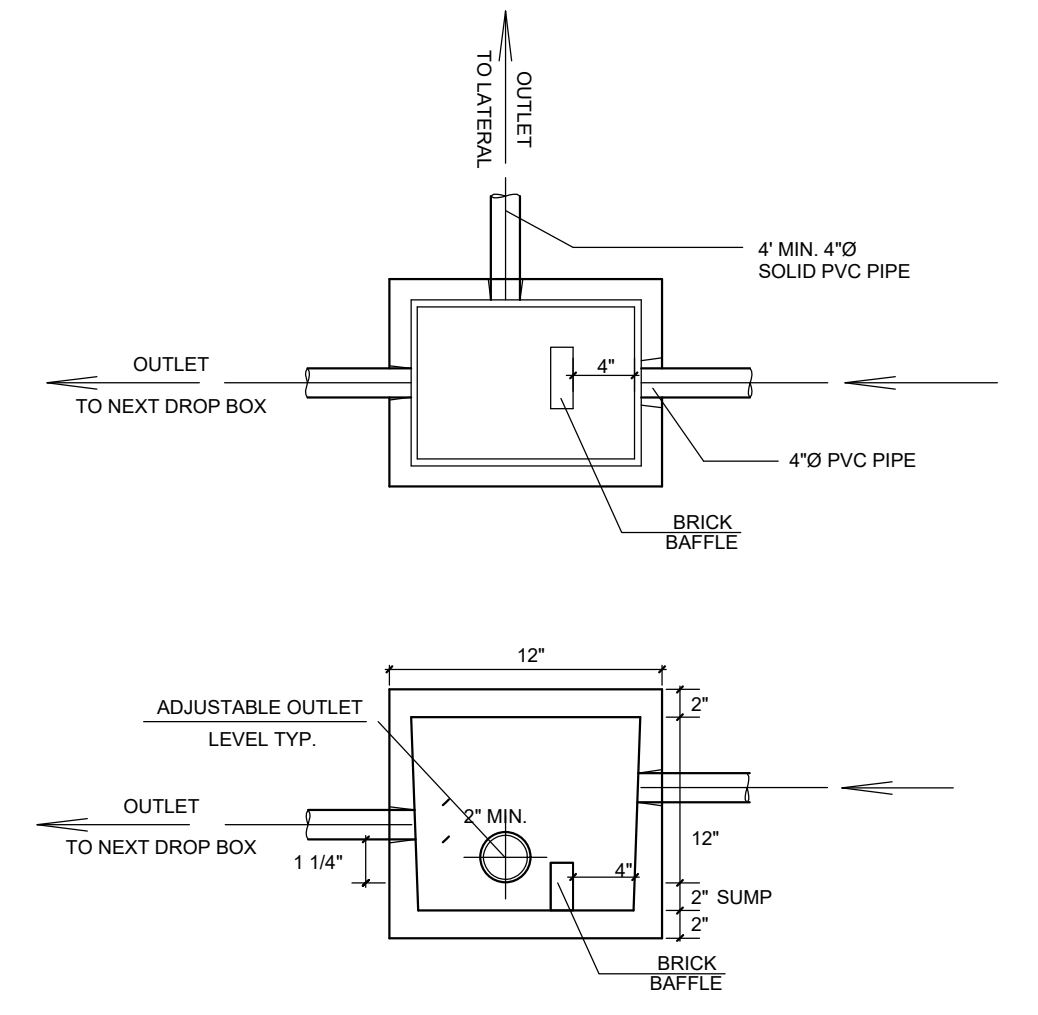
CURTAIN DRAIN DETAIL
SCALE: NOT TO SCALE



TYPICAL WELL DETAIL
SCALE: NOT TO SCALE

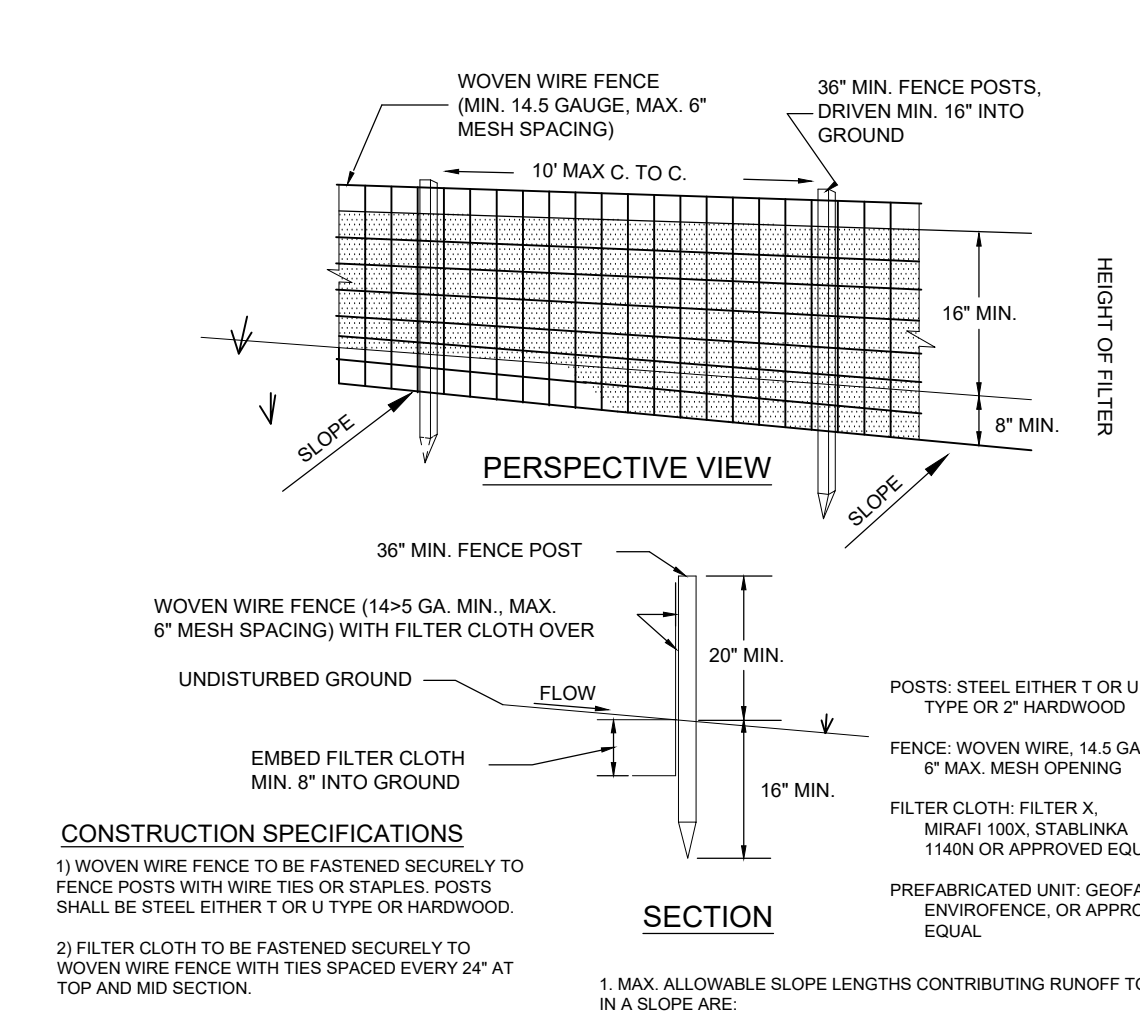


TYPICAL TILE FIELD DETAIL
SCALE: NOT TO SCALE



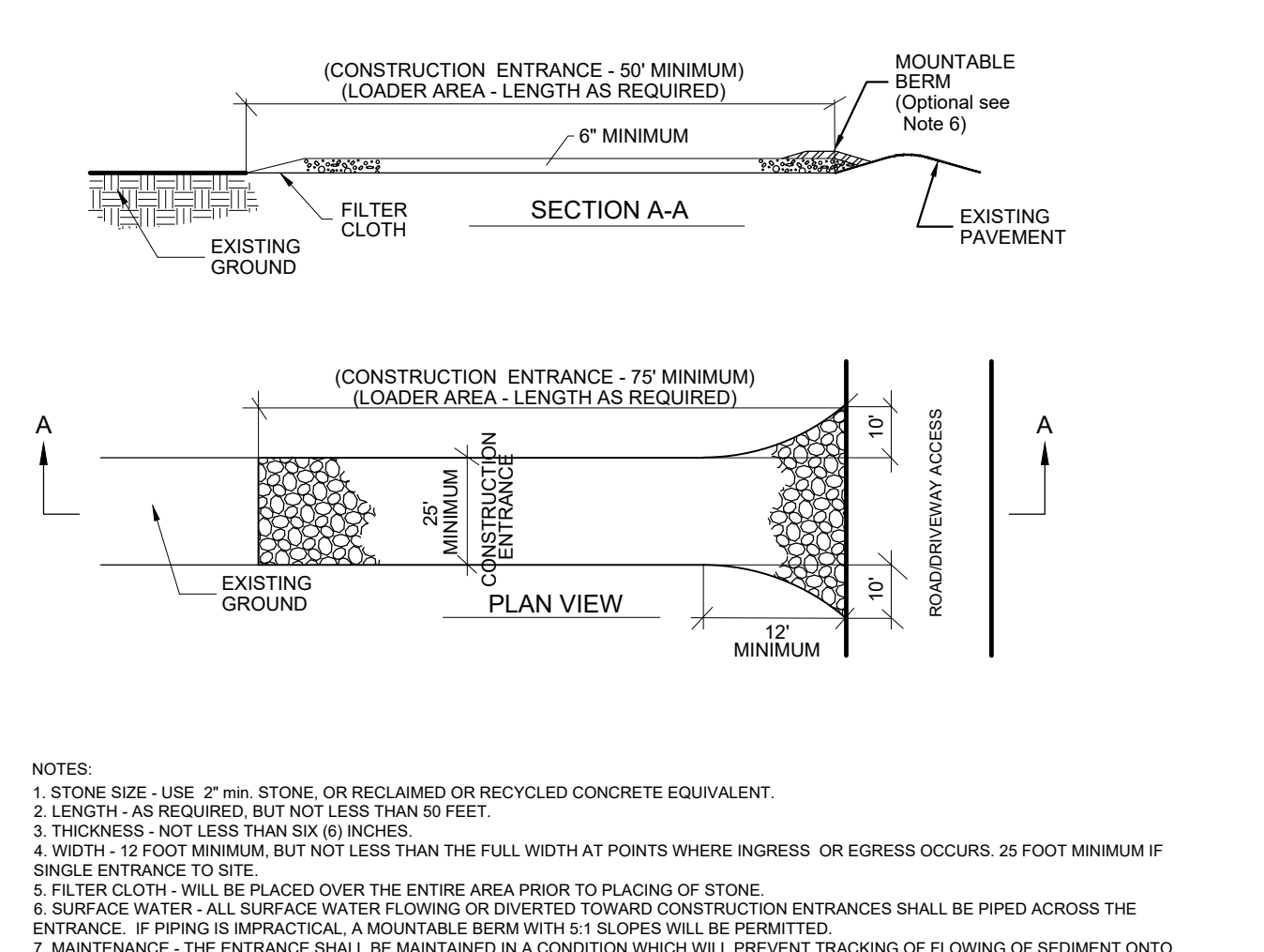
- NOTE:**
- A MINIMUM OF 4" OF 4" Ø SOLID PIPE SHALL BE PROVIDED PRIOR TO THE START OF THE TRENCHES.
 - A BED OF 12" OF PEA GRAVEL SHALL BE PROVIDED UNDER THE D-BOX.
 - THE INVERT ON THE INLET PIPE SHALL BE A MINIMUM OF 2" HIGHER THAN THE INVERT OF ANY OF THE OUTLETS.
 - BAFFLES SHALL BE FULLY GROUTED IN PLACE TO ELIMINATE MOVEMENT. A DOWN-TURNED 90DEG ELBOW MAY BE USED AS AN ALTERNATIVE.

TYPICAL DROP BOX DETAIL
SCALE: NOT TO SCALE



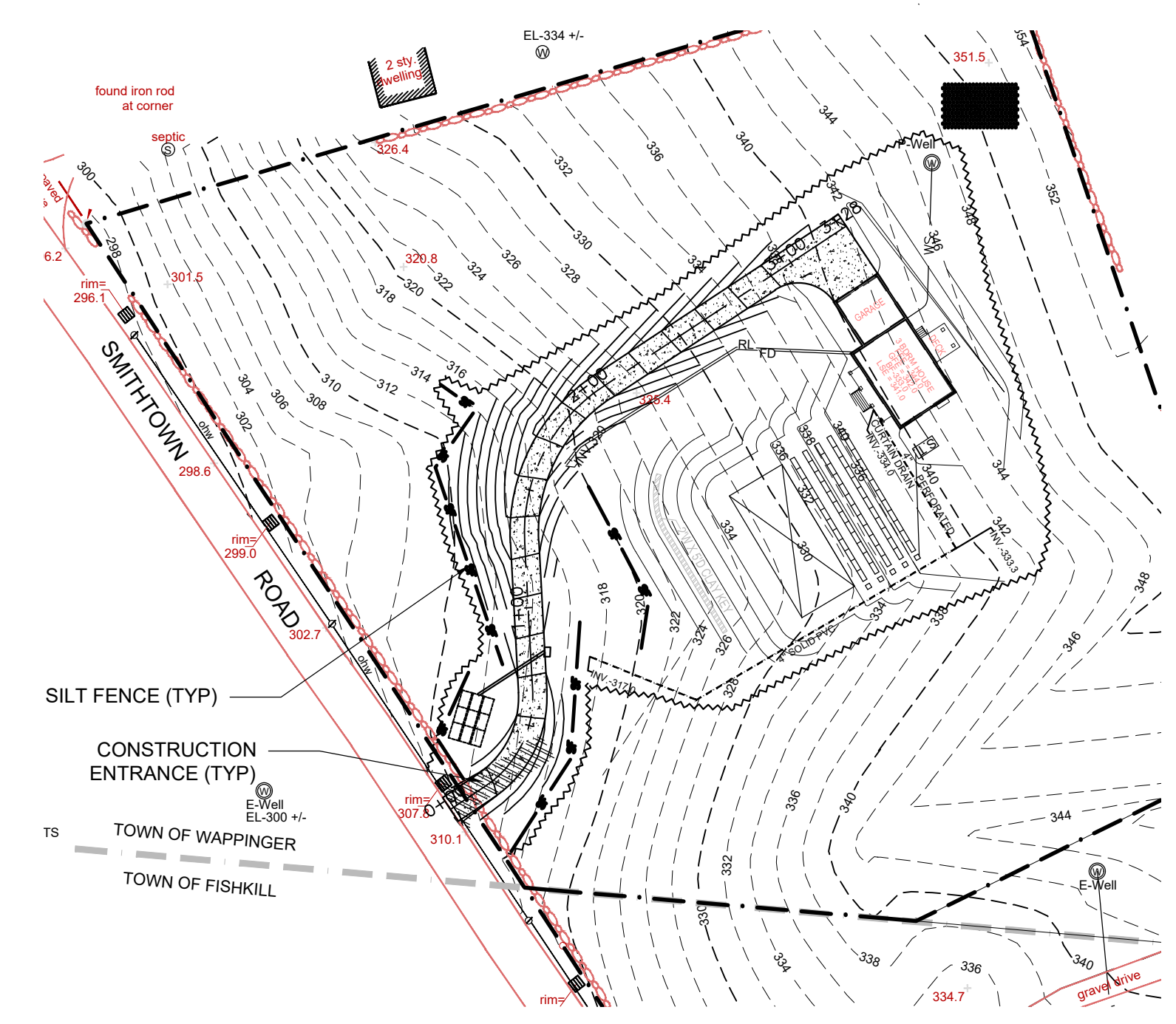
- CONSTRUCTION SPECIFICATIONS:**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER T OR U TYPE OR HARDWOOD.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - PREFABRICATED UNITS SHALL BE GEOTAF, ENVROFENCE, OR APPROVED EQUIVALENT.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCING DETAIL
SCALE: NOT TO SCALE



- NOTES:**
- STONE SIZE - USE 2" MIN. STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 - LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
 - THICKNESS - NOT LESS THAN SIX (6) INCHES.
 - WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 25 FOOT MINIMUM IF SHOWN AS ENTRANCE TO SITE.
 - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - 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.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DRIPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - 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.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

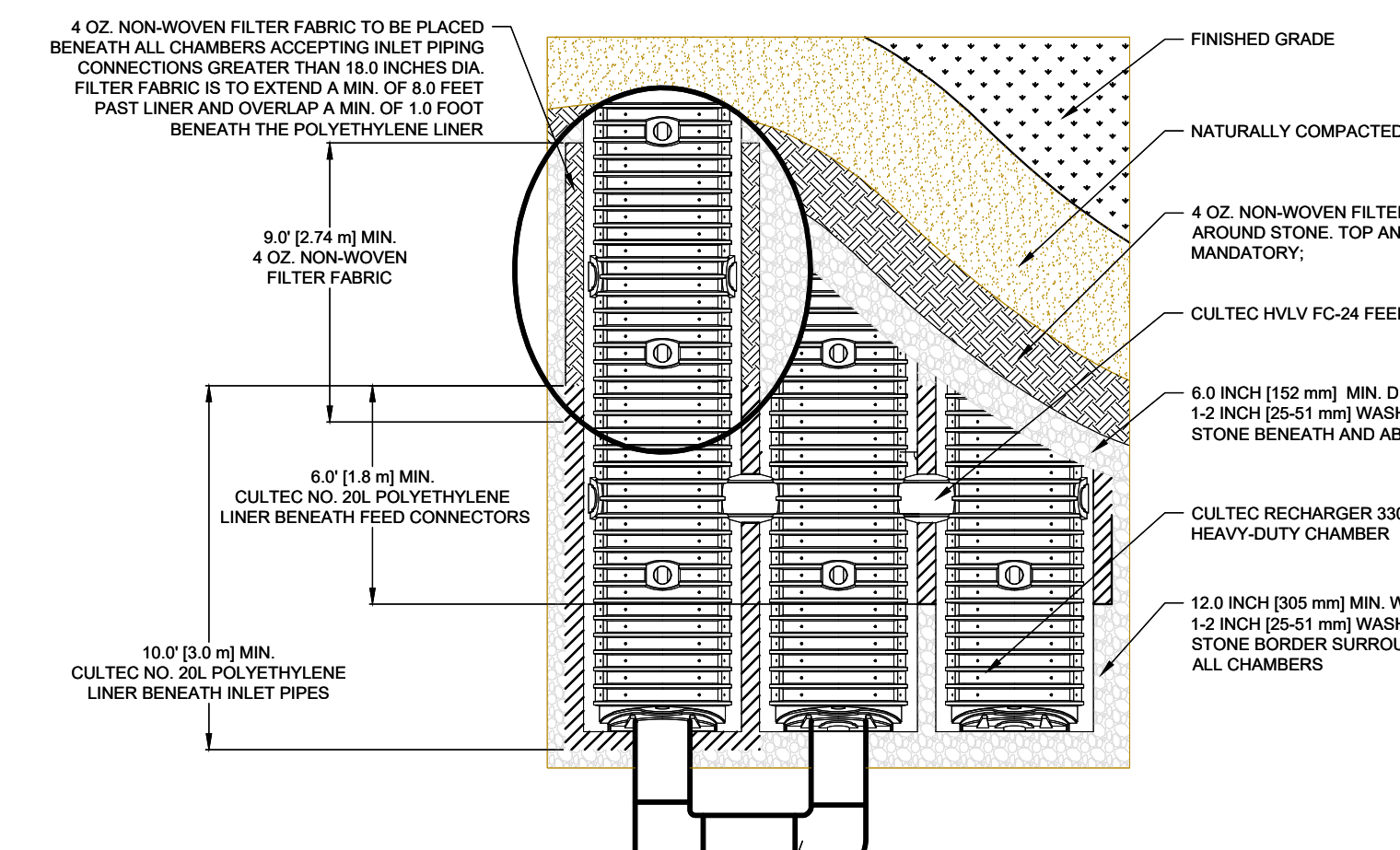
CONSTRUCTION ENTRANCE DETAIL
SCALE: NOT TO SCALE



- EROSION AND SEDIMENT CONTROL MEASURES:**
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN STRICT COMPLIANCE WITH "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", AUGUST 2016.
 - DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
 - AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
 - SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.
 - PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE PROJECT SITE.
 - SEDED AREAS TO BE MULCHED WITH STRAW OR HAY MULCH IN ACCORDANCE WITH VEGETATIVE COVER SPECIFICATIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED. THE CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND WATER. SCHEDULE CONSTRUCTION OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED AREAS AT ANY ONE TIME DURING THE COURSE OF WORK. APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WATER). STRUCTURAL MEASURES (MULCH, SEEDING) SHALL BE INSTALLED IN DISTURBED AREAS BEFORE SIGNIFICANT BLOWING PROBLEMS DEVELOP. WATER SHALL BE SPRAYED AS NEEDED, REPEAT AS NEEDED, BUT AVOID EXCESSIVE SPRAYING, WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.
 - WHEN ALL DISTURBED AREAS ARE STABLE, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED.

- SEEDING NOTES:**
- EXPOSED SLOPES AND ALL GRADED AREAS SHALL BE SEED WITH THE FOLLOWING GRASS SEED MIX AS REQUIRED.
 - STEEP SLOPES (3:1)
 - TEMPORARY SEEDING - SUMMER SEASON - GERMAN MILLET @ 40 LBS PER ACRE
 - TEMPORARY SEEDING - WINTER SEASON - RYE GRAIN @ 120 LBS PER ACRE
 - PERMANENT SEEDING - SPRING/FALL
 - TALL FESCUE @ 100 LBS PER ACRE
 - KOBE LESPEZEA @ 10 LBS PER ACRE
 - BAHAGRASS @ 75 LBS PER ACRE
 - RYE GRAIN @ 40 LBS PER ACRE
 - GRASS SEED MIX MAY BE APPLIED BY EITHER MECHANICAL OR HYDROSEEDING METHODS. HYDROSEEDING SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF N.Y. STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
 - SEDED AREAS SHALL BE MULCHED AS REQUIRED.
 - MID-SUMMER LATE FALL OR WINTER
 - APPLY AT A RATE OF 100 LBS/1,000 SQ. FT. GRAIN STRAW, COVER WITH NETTING AND STAPLE TO THE SLOPE.
 - SPRING OR EARLY FALL
 - APPLY AT A RATE OF 45 LBS/1,000 SQ. FT. WOOD FIBER IN A HYDRO SEEDER SLURRY.

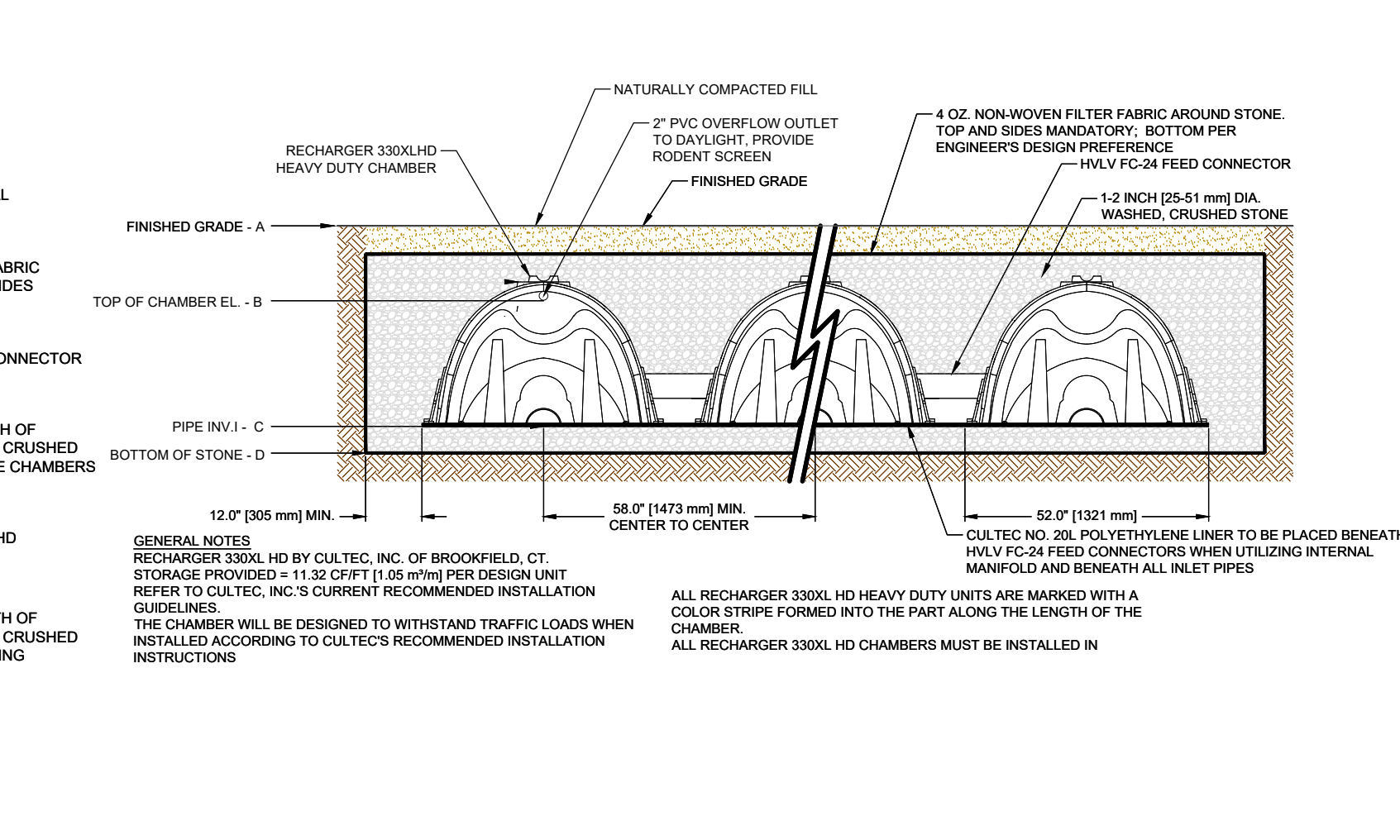
STORMWATER INFILTRATOR DETAILS
NOT TO SCALE



CULTEC, Inc.
Subsurface Stormwater Management Systems
P.O. Box 280
878 Federal Road
Brookfield, CT 06804
www.cultec.com

PH: (203) 775-4416
PH: (800) 4-CULTEC
FX: (203) 775-1462
tech@cultec.com

REFER TO THE MANUFACTURE WEBSITE FOR ADDITIONAL INFORMATION REGARDING INSTALLATION PROCEDURE AND MAINTENANCE REQUIREMENTS.



GENERAL NOTES:

- RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 11.32 CF/FT (1.05 m³/m) PER DESIGN UNIT. REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.
- THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- ALL RECHARGER 330XL HD HEAVY-DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PAINT ALONG THE LENGTH OF THE CHAMBER.
- ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.

Owner Consent Note

THE UNDERSIGNED OWNER OF THIS PROPERTY HEREOF STATES THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS AS STATED HEREOF.

OWNER: _____ DATE: _____

Brian J. Stokosa, PE
AUGUST 07, 2024
JULY 25, 2024
2023-226
License No. 083970

DAY STOKOSA ENGINEERING P.C.

3 Van Wyck Lane
Wappingers Falls, New York 12590
(845)-223-3202

PROJECT: MLC SMITHTOWN PROPERTIES LLC
Town of Wappinger Dutchess County, New York

CONSTRUCTION DETAILS

SCALE: AS NOTED DRAWN BY: BJS DRAWING No.: CU501
DATE: 07-15-24 CHECKED BY: BJS 3 of 3