

ALFONZETTI ENGINEERING, P.C.
1100 Route 52, Carmel, N.Y. 10512

(845) 228-9800

Info@AlfonzettiEng.com

Adam R. Kaufman, AICP
Director of Planning
Planning Department
Town of North Castle
17 Bedford Road
Armonk, NY 10504

September 28, 2020

Re: Application No.: 2020-2691
4 Shoemaker Lane/Wampus Mills Lot 5
Town of North Castle

Adam:

Please find enclosed the following:

- One (1) full size plan entitled "Site Plan, dated August 10, 2018, revised September 23, 2020, Lot 5 Wampus Mills Subdivision, Town of North Castle, Westchester County, NY."
- One (1) copy of the approved well permit.

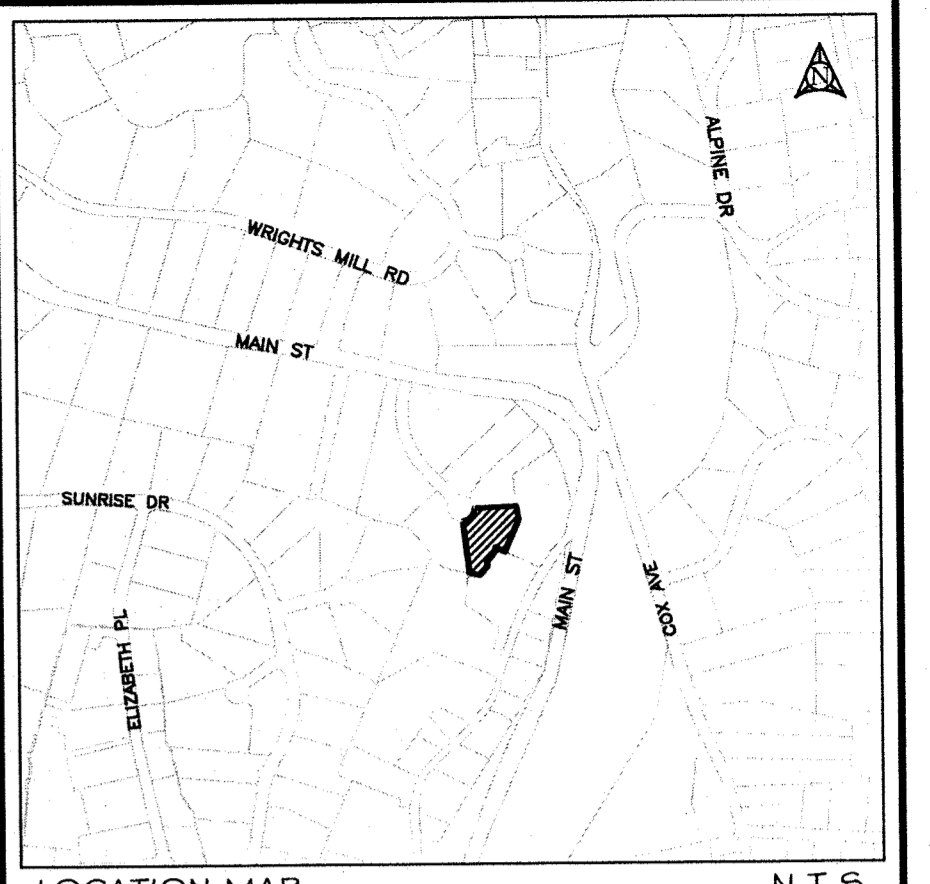
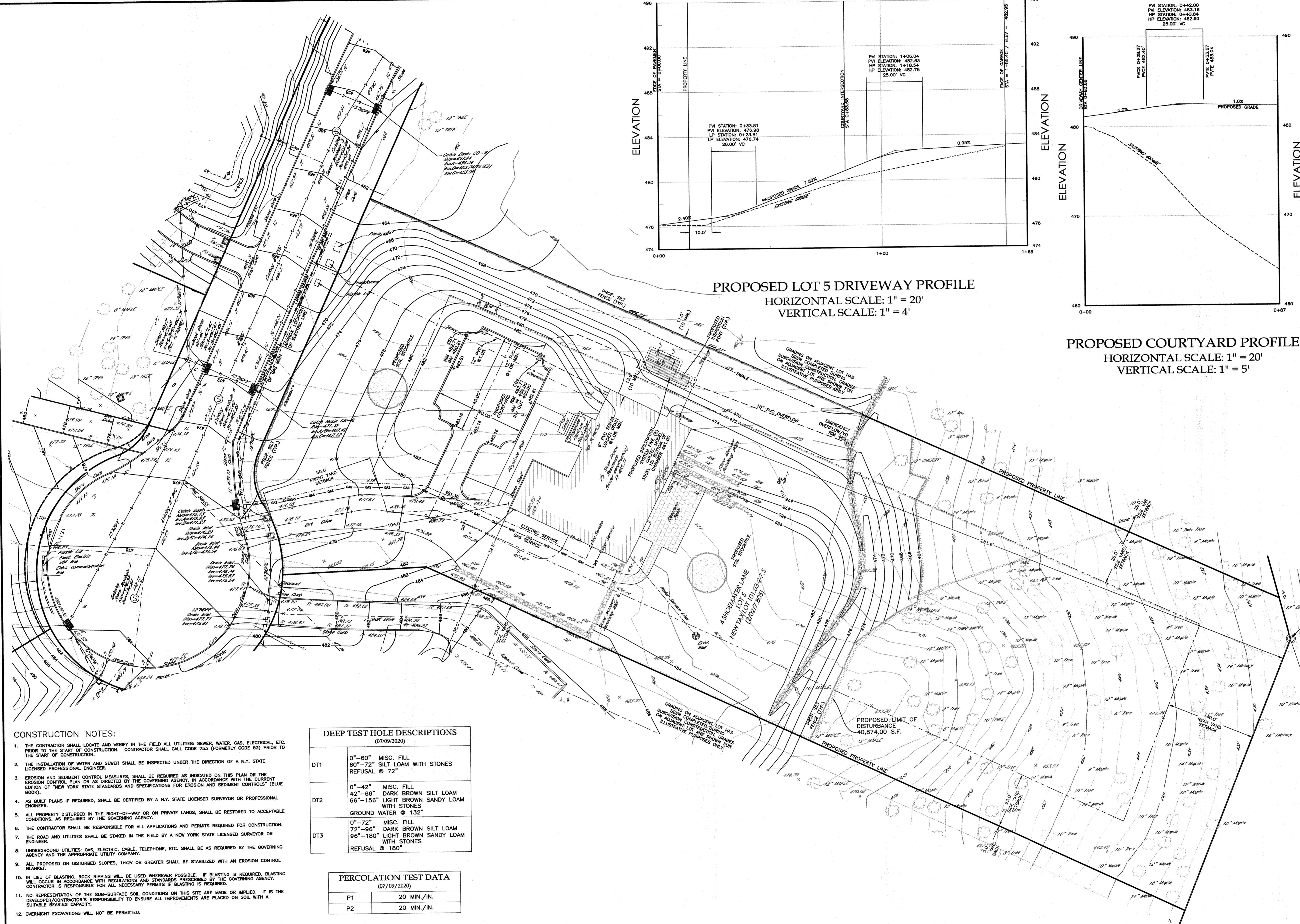
We are requesting placement on the next planning Board agenda.

Please call if there are any questions.

Thank You,



Ralph Alfonzetti
ALFONZETTI ENGINEERING, P.C.



ZONING TABLE

ZONE: ONE FAMILY RESIDENCE DISTRICT ZONE 'R-1A'

TOTAL LOT AREA: 1.521 ACRES

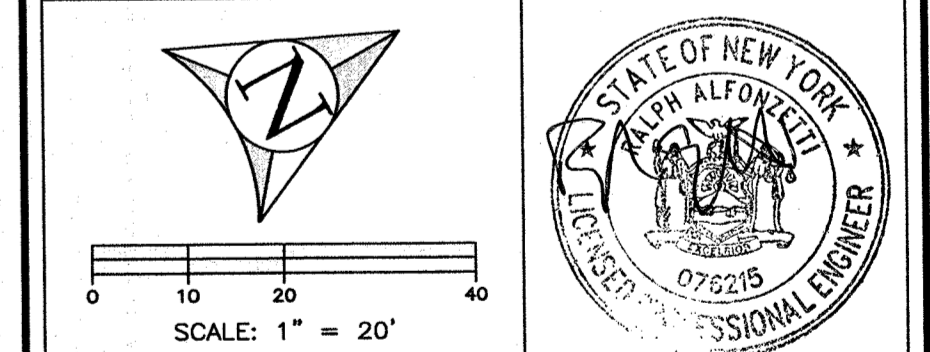
	REQUIRED/ PERMITTED	LOT 5 PROPOSED
MINIMUM LOT AREA	1 ACRE	1.521 ACRES
75% WETLAND AREA		0.000 ACRES
50% STEEP SLOPE AREA		0.213 ACRES
NET LOT AREA		1.308 ACRES
MINIMUM LOT FRONTAGE	125 FT	181.14 FT
MINIMUM LOT WIDTH	125 FT	159.3 FT
MINIMUM LOT DEPTH	150 FT	455.1 FT
FRONT YARD SETBACK	50 FT	104.0 FT
SIDE YARD SETBACK	25 FT	34.0 FT
REAR YARD SETBACK	40 FT	283.9 FT
MAXIMUM HEIGHT	30 FT	≤30 FT
MAXIMUM BUILDING COVERAGE	12%	4.84%

*MINIMUM 25 FEET REQUIRED ON A DEAD END ROAD WITH A TURNAROUND

NOTE:

1. FEATURES SHOWN HEREON ARE A COMBINATION OF AN INTERIM AS-BUILT AND PROPOSED DESIGN.
2. INTERIM AS-BUILT FEATURES TAKEN FROM SURVEY PLAN ENTITLED "AS BUILT WAMPUS MILL SUBDIVISION, SITUATED IN THE TOWN OF NORTH CASTLE, WESTCHESTER COUNTY, NEW YORK, SCALE: 1" = 30' PREPARED BY TC MERRITS LAND SURVEYORS, DATED SEPTEMBER 6, 2019" FIELD SURVEY PERFORMED ON SEPTEMBER 5, 2019.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7209(2), FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM ON THIS PLAN IN ANY MANNER. IF ANY ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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 1100 ROUTE 52, CARMEL, N.Y. 10512
 845 - 228 - 9800

SITE DATA

OWNER/APPLICANT:
FRANK MADONNA

SITE ADDRESS:
4 HOEBACKER LANE,
ARMONK, NY 10504

TAX MAP #:
101.03-2-7.5

LOT AREA: 1.52 ACRES
ZONING: R-1A

REVISIONS:
REVISED: SEPTEMBER 23, 2020
REVISED: AUGUST 11, 2020
REVISED: JULY 31, 2020
REVISED: JULY 9, 2019

SITE PLAN
 AUGUST 10, 2018

PROJECT:
**LOT 5
 WAMPUS MILLS SUBDIVISION**
 TOWN OF NORTH CASTLE
 WESTCHESTER COUNTY, NEW YORK

DRIVING: [] SHEET: 01 OF 02

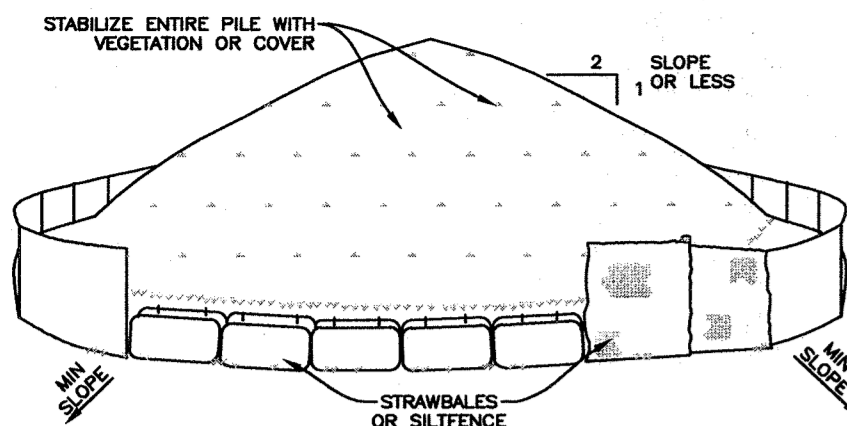
- CONSTRUCTION NOTES:**
1. THE CONTRACTOR SHALL LOCATE AND VERIFY IN THE FIELD ALL UTILITIES: SEWER, WATER, GAS, ELECTRICAL, ETC. PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL CALL CODE 753 (FORMERLY CODE 53) PRIOR TO THE START OF CONSTRUCTION.
 2. THE INSTALLATION OF WATER AND SEWER SHALL BE INSPECTED UNDER THE DIRECTION OF A N.Y. STATE LICENSED PROFESSIONAL ENGINEER.
 3. EROSION AND SEDIMENT CONTROL MEASURES, SHALL BE REQUIRED AS INDICATED ON THIS PLAN OR THE EROSION CONTROL PLAN OR AS DIRECTED BY THE GOVERNING AGENCY, IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS" (BLUE BOOK).
 4. AS BUILT PLANS IF REQUIRED, SHALL BE CERTIFIED BY A N.Y. STATE LICENSED SURVEYOR OR PROFESSIONAL ENGINEER.
 5. ALL PROPERTY DISTURBED IN THE RIGHT-OF-WAY OR ON PRIVATE LANDS, SHALL BE RESTORED TO ACCEPTABLE CONDITIONS, AS REQUIRED BY THE GOVERNING AGENCY.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPLICATIONS AND PERMITS REQUIRED FOR CONSTRUCTION.
 7. THE ROAD AND UTILITIES SHALL BE STAKED IN THE FIELD BY A NEW YORK STATE LICENSED SURVEYOR OR ENGINEER.
 8. UNDERGROUND UTILITIES: GAS, ELECTRIC, CABLE, TELEPHONE, ETC. SHALL BE AS REQUIRED BY THE GOVERNING AGENCY AND THE APPROPRIATE UTILITY COMPANY.
 9. ALL PROPOSED OR DISTURBED SLOPES, 1H:2V OR GREATER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET.
 10. IN LIEU OF BLASTING, ROCK RIPPING WILL BE USED WHEREVER POSSIBLE. IF BLASTING IS REQUIRED, BLASTING MUST OCCUR IN ACCORDANCE WITH REGULATIONS AND STANDARDS PRESCRIBED BY THE GOVERNING AGENCY. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY PERMITS IF BLASTING IS REQUIRED.
 11. NO REPRESENTATION OF THE SUB-SURFACE SOIL CONDITIONS ON THIS SITE ARE MADE OR IMPLIED. IT IS THE DEVELOPER/CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL IMPROVEMENTS ARE PLACED ON SOIL WITH A SUITABLE BEARING CAPACITY.
 12. OVERNIGHT EXCAVATIONS WILL NOT BE PERMITTED.

DEEP TEST HOLE DESCRIPTIONS
 (07/09/2020)

DT1	0"-60" MISC. FILL 60"-72" SILT LOAM WITH STONES REFUSAL @ 72"
DT2	0"-42" MISC. FILL 42"-66" DARK BROWN SILT LOAM 66"-156" LIGHT BROWN SANDY LOAM WITH STONES GROUND WATER @ 132"
DT3	0"-72" MISC. FILL 72"-96" DARK BROWN SILT LOAM 96"-180" LIGHT BROWN SANDY LOAM WITH STONES REFUSAL @ 180"

PERCOLATION TEST DATA
 (07/09/2020)

P1	20 MIN./IN.
P2	20 MIN./IN.



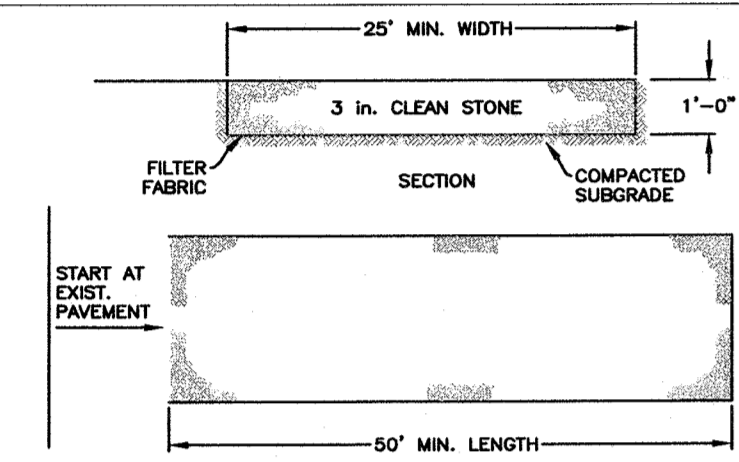
TO BE USED WHERE TOPSOIL PRESERVATION IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS. TOPSOIL IS APPLIED TO SUBSOILS THAT ARE DROUGHTY (HAVING LOW AVAILABLE MOISTURE FOR PLANTS), STONY, SALTY, HAVE LOW PERMEABILITY, OR ARE EXTREMELY ACID. IT IS ALSO USED TO BACKFILL AROUND SHRUBS AND TREE TRANSPLANTS. PRESERVATION OF EXISTING TOPSOIL IS BENEFICIAL FOR ALL TYPES OF LAWN OR ORNAMENTAL PLANTINGS.

TEMPORARY STOCKPILE STABILIZATION MEASURES INCLUDE VEGETATIVE COVER, MULCH, NON-VEGETATIVE COVER, AND PERIPHERAL SEDIMENT TRAPPING BARRIERS. THE STABILIZATION MEASURE(S) SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND REQUIRED DURATION OF USE.

INSTALLATION NOTES

1. AREA CHOSEN FOR STOCKPILE 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 WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.

TEMPORARY MATERIAL STOCKPILE N.T.S.

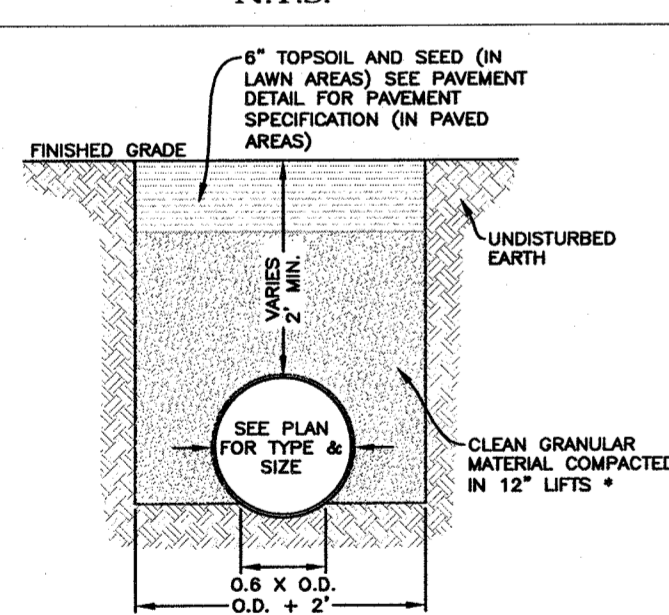


TO BE PROVIDED AT ALL POINTS OF EQUIPMENT INGRESS OR EGRESS ONTO PUBLIC RIGHTS-OF-WAY.

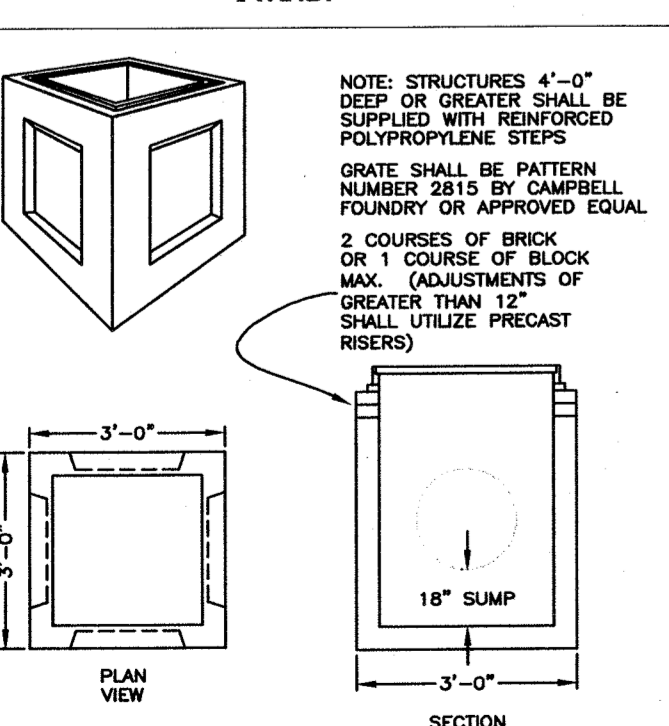
INSTALLATION NOTES

1. STONE SIZE - USE 3" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - 25 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN-OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO EXITS ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STAINED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

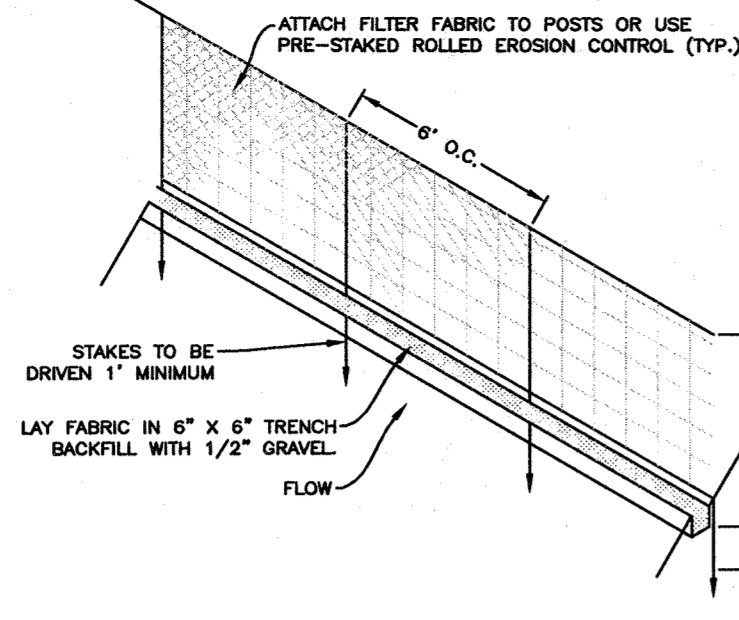
STABILIZED CONSTRUCTION ENTRANCE (ANTI-TRACKING PAD) N.T.S.



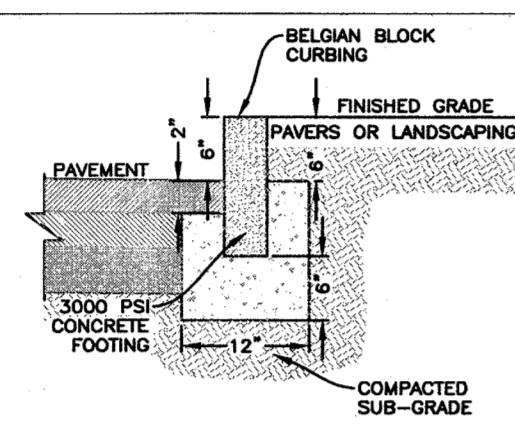
DRAIN PIPE TRENCH DETAIL N.T.S.



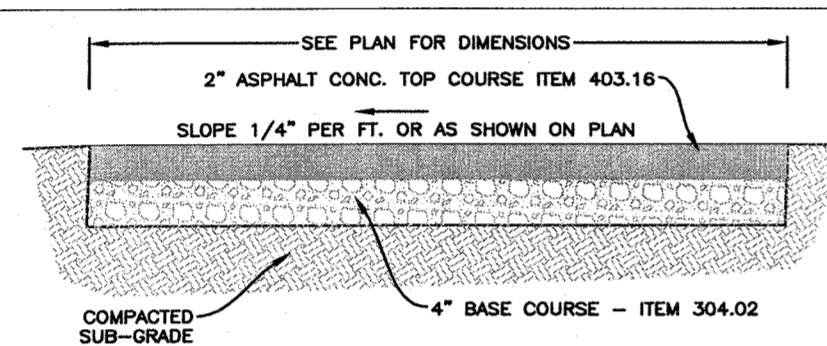
YARD DRAIN N.T.S.



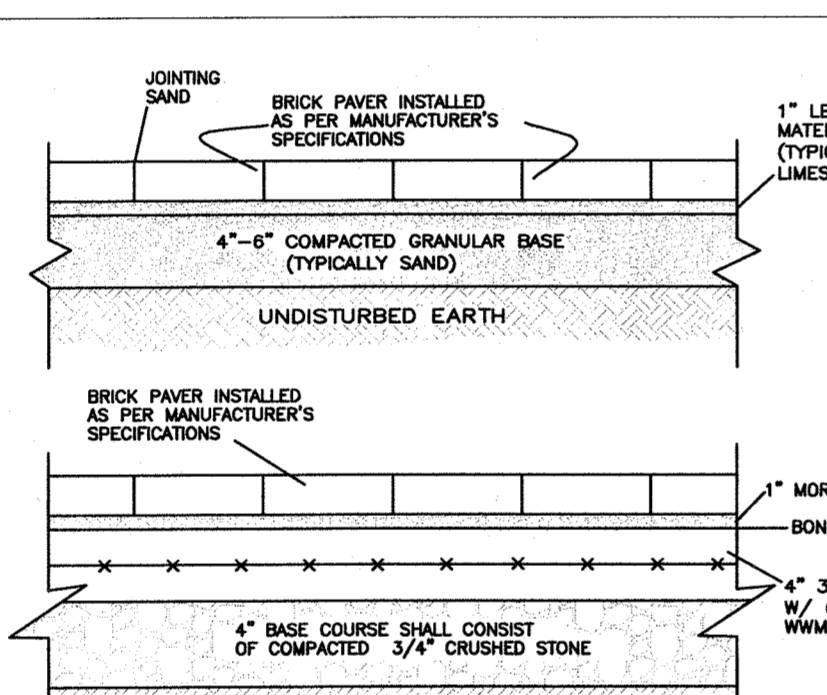
SILT FENCE N.T.S.



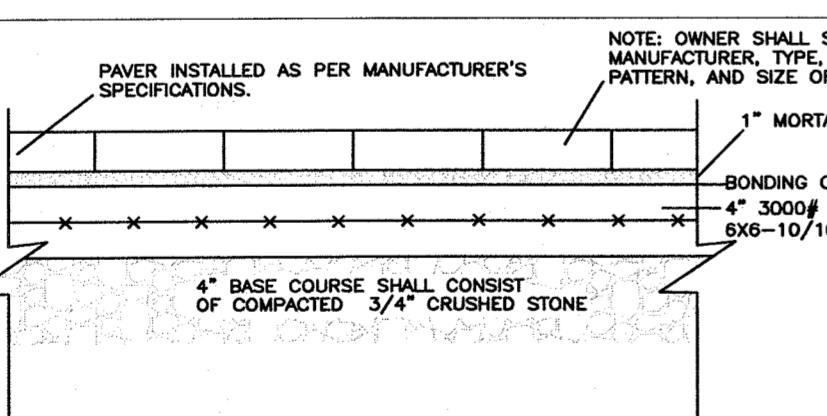
BELGIAN BLOCK CURB N.T.S.



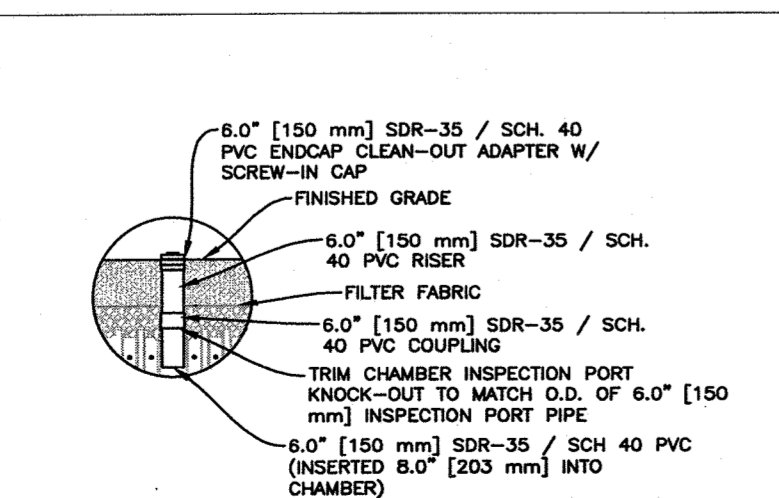
DRIVEWAY SECTION N.T.S.



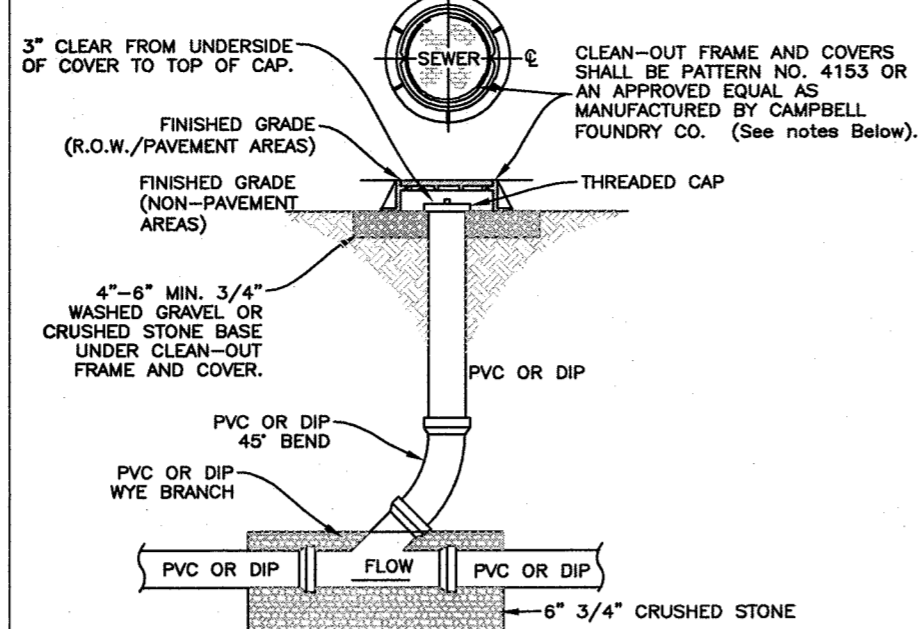
TYPICAL TERRACE/PATIO N.T.S.



WALKWAY DETAIL N.T.S.

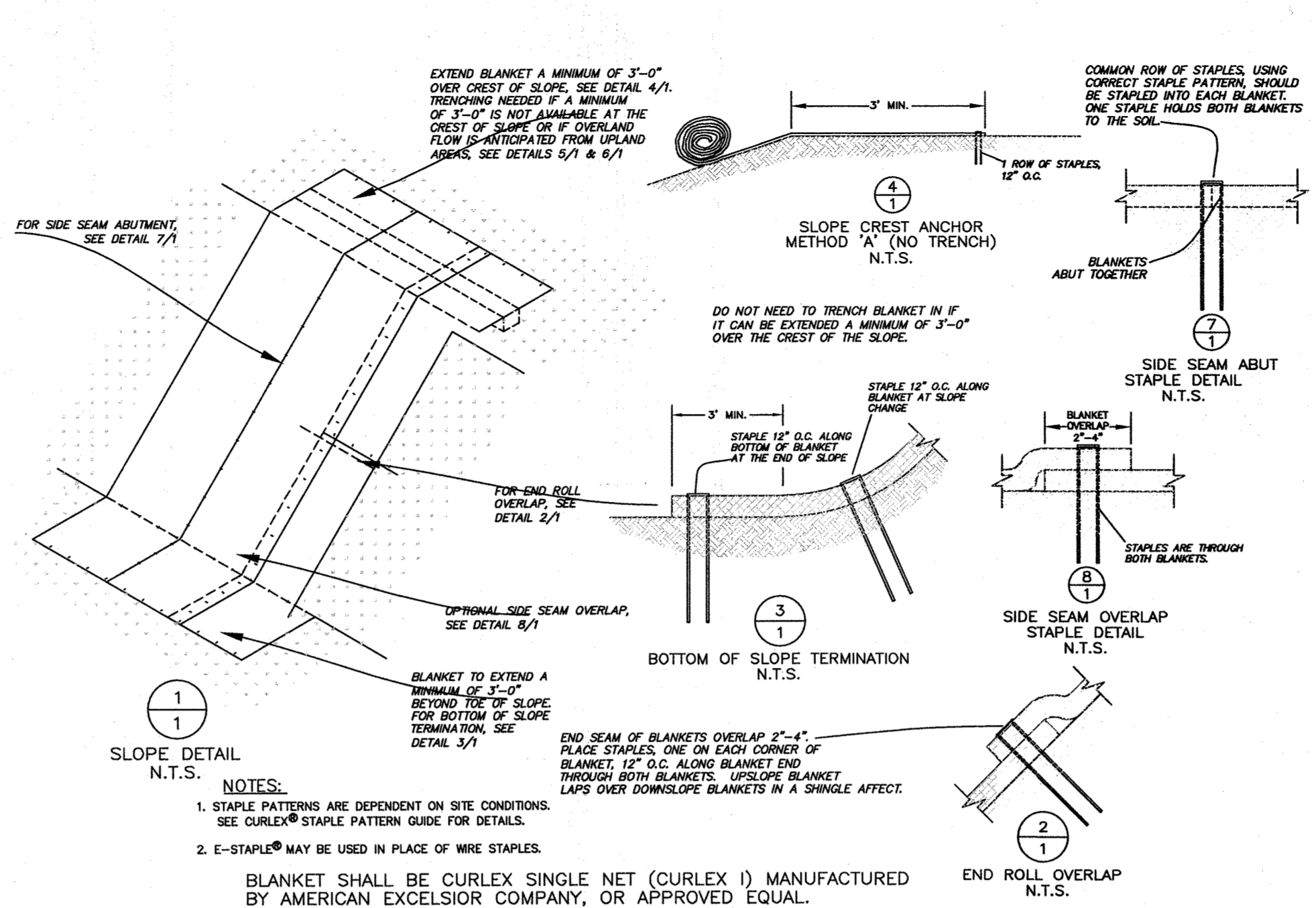


'CULTEC' CHAMBERS INSPECTION PORT NON-TRAFFIC APPLICATION N.T.S.



1. ALL CLEAN-OUT FRAMES AND COVERS SHALL BE MADE IN THE U.S.A., HEAVY DUTY, SUITABLE FOR TRAFFIC LOADING WITH A MACHINED MATING SURFACE FOR A TIGHT NON-ROCKING FIT.
2. CLEAN-OUT COVERS SHALL CONTAIN THE WORD "SEWER" CAST IN RAISED LETTERS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THE COVER PATTERN CLEAN AND FREE OF EXCESS PAVERMENT, MORTAR, AND DIRT THAT MAY HINDER REMOVAL OR OBSCURE THE LETTERING UNTIL THE MUNICIPALITY HAS ACCEPTED THE SEWER.

CLEANOUT ASSEMBLY DETAIL N.T.S.

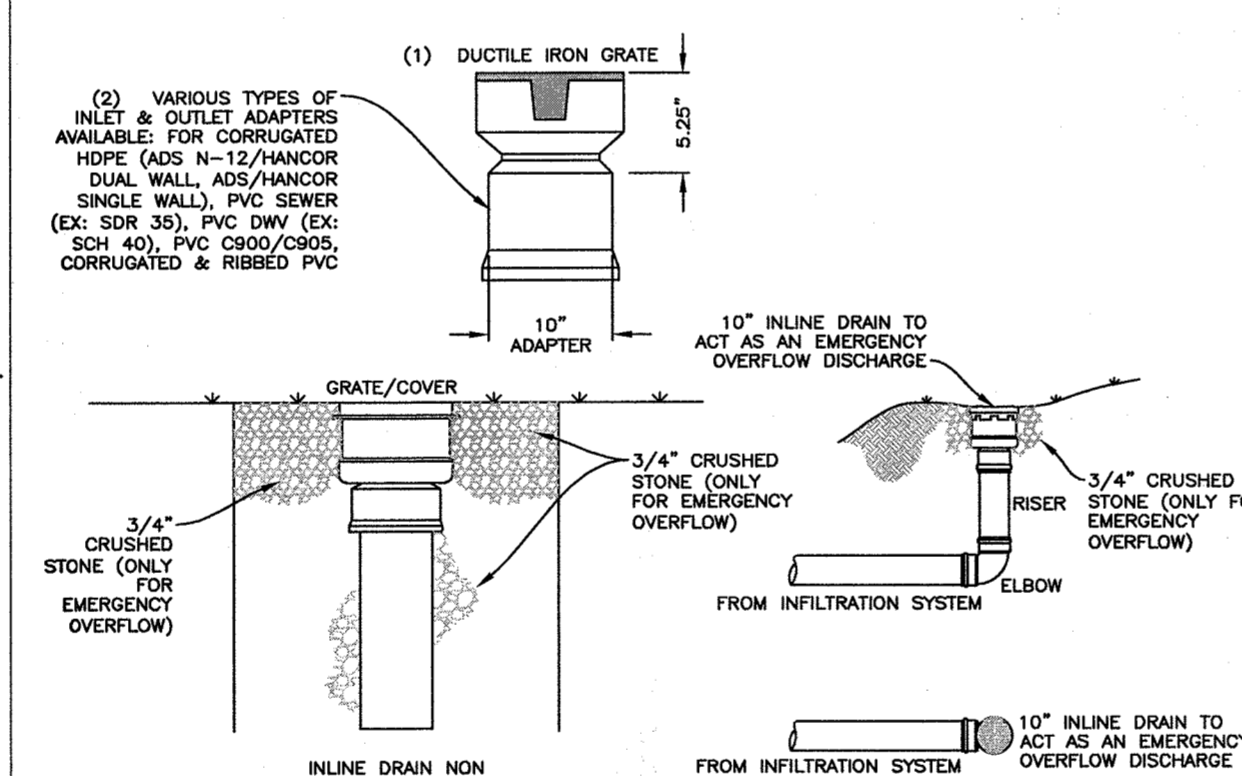


EROSION CONTROL BLANKET N.T.S.

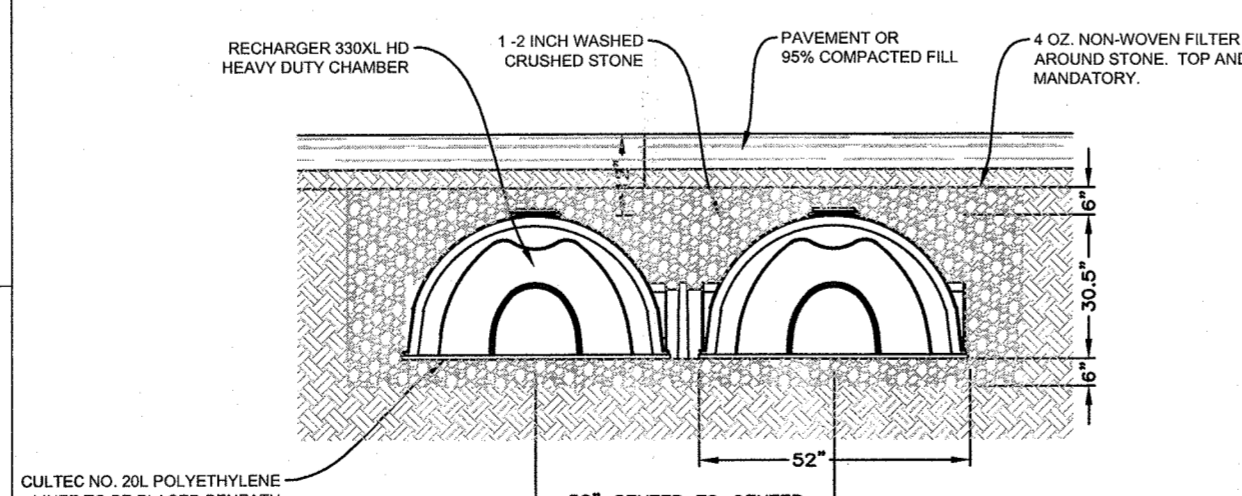
SLOPE DETAIL N.T.S.

1. STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS. SEE CURLEX® STAPLE PATTERN GUIDE FOR DETAILS.
2. E-STAPLES® MAY BE USED IN PLACE OF WIRE STAPLES.

BLANKET SHALL BE CURLEX SINGLE NET (CURLEX I) MANUFACTURED BY AMERICAN EXCELSIOR COMPANY, OR APPROVED EQUAL.



YARD DRAIN EMERGENCY OVERFLOW DISCHARGE N.T.S.



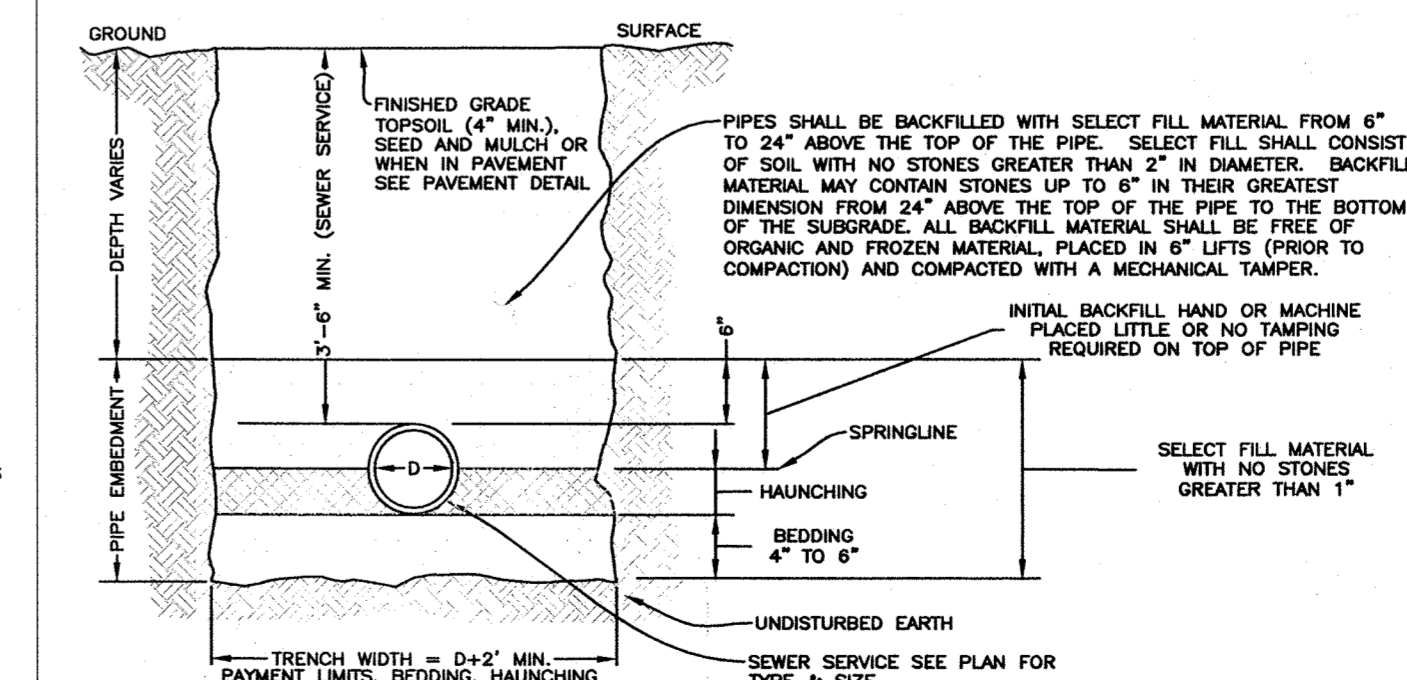
STORMWATER CHAMBER CROSS SECTION N.T.S.

GENERAL NOTES
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 11.32 CF/FT PER DESIGN UNIT.
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. USE RECHARGER 330XL HD HEAVY DUTY FOR TRAFFIC AND/OR H-25 APPLICATIONS.
CHAMBERS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS

STORMWATER CHAMBER INSTALLATION N.T.S.

CHAMBERS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS

GENERAL NOTES
RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
GENERAL NOTES
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 11.32 CF/FT PER DESIGN UNIT.
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. USE RECHARGER 330XL HD HEAVY DUTY FOR TRAFFIC AND/OR H-25 APPLICATIONS.



SEWER SERVICE TRENCH DETAIL N.T.S.

1. NO ROCK IS TO PROJECT INTO WITHIN THE EDGES OF THE TRENCH. IN ROCK EXCAVATION PIPE SHALL BE A MIN. OF 6" OVER AND AWAY FROM ROCK.
2. BACKFILL SHALL BE PLACED SO AS TO NOT DISTURB THE PIPE ALIGNMENT.

PROPOSED DETENTION SYSTEM CALCULATIONS FOR PROPOSED MOTORCOURT

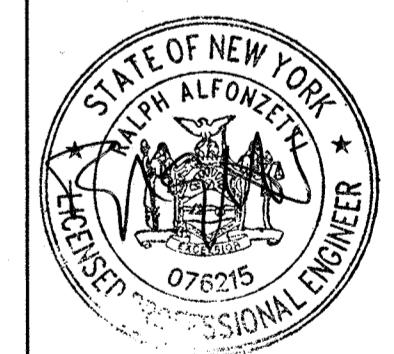
DESIGN STORM (100 YR.):	IN.	9.2
HYDROLOGIC SOIL TYPE:		8
EXISTING CN:		69
PROPOSED CN:		98
REQUIRED STORAGE VOLUME CALCULATION		
EX. RUNOFF DEPTH:	IN.	5.39
PR. RUNOFF DEPTH:	IN.	8.96
DELTA RUNOFF DEPTH:	IN.	3.57
REQUIRED STORAGE VOLUME:	C.F.	512.8
CHAMBER INFORMATION		
LENGTH OF 1 CHAMBER:	FT.	8.5
WIDTH OF 1 CHAMBER:	FT.	4.33
HEIGHT OF CHAMBER:	FT.	2.54
WIDTH OF STONE SURROUNDING CHAMBER:	FT.	1
DEPTH OF STONE UNDER CHAMBER:	FT.	0.5
STONE VOID RATIO:		0.33
VOLUME PER CHAMBER (AS PER MANUFACTURER):	C.F./L.F.	7.46
TRENCH SIZE		
TRENCH WIDTH:	FT.	6.33
TRENCH LENGTH (UNIT LENGTH):	FT.	1
TRENCH HEIGHT:	FT.	3.04
TRENCH VOLUME:	C.F./L.F.	19.24
STONE VOID VOLUME:	C.F.	3.89
PERCOLATION AREA:	S.F./L.F.	6.33
PERCOLATION RATE:	MIN./IN.	20
PERCOLATION HOLE DIAMETER:	IN.	10
WATER LEVEL DROP:	IN.	1
AVERAGE DEPTH OF WATER:	IN.	8.5
PERCOLATION HOLE BOTTOM AREA:	S.F.	0.55
PERCOLATION HOLE SIDE AREA:	S.F.	1.85
PERCOLATION HOLE TOTAL AREA:	S.F.	2.40
PERCOLATION VOLUME CHANGE:	C.F.	0.045
ADJUSTED PERCOLATION RATE:	C.F./S.F./DAY	1.36
PERCOLATION VOL. PER DAY:	C.F./DAY	8.6
SOIL CLOGGING FACTOR:		25%
PERCOLATION WITH CLOGGING:	C.F./DAY	6.5
TOTAL VOLUME OF CHAMBERS:	C.F./DAY	17.8
REQUIRED NUMBER OF CHAMBERS @ 7 L.F./CHAMBER:		4.11
PROPOSED NUMBER OF CHAMBERS:		5.00

WATER QUALITY CALCULATION FOR RESIDENCE

60% RAINFALL EVENT NUMBER (P):	IN.	1.5
IMPERVIOUS COVER (I):	PERCENT	100.00
AREA (A):	ACRES	0.074
CALCULATIONS:		
RV (=0.05+0.009(I)):		0.85
WATER QUALITY VOLUME (WQV):	ACRE-FEET	0.0087
WATER QUALITY VOLUME (WQV):	C.F.	380.9
REQUIRED STORAGE VOLUME:	C.F.	380.9
CHAMBER INFORMATION		
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REQUIRED NUMBER OF CHAMBERS @ 7 L.F./CHAMBER:		3.05
PROPOSED NUMBER OF CHAMBERS:		4.00

NOTE:
RESIDENCE AREA = 3,207.52 SQ.FT. / 0.074 AC

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1100 ROUTE 52, CARMEL, N.Y. 10512
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SITE DATA	
OWNER/APPLICANT: FRANK MADONNA	REVISIONS: REVISED: SEPTEMBER 23, 2020 REVISED: AUGUST 11, 2020 REVISED: JULY 31, 2020 REVISED: JULY 9, 2019
SITE ADDRESS: 4 SHOEMAKER LANE, ARADONK, NY 10504	LOT AREA: 1.52 ACRES
TAX MAP #: 10103-7-5	ZONING: R-1A
PROJECT: LOT 5 WAMPUS MILLS SUBDIVISION TOWN OF NORTH CASTLE WESTCHESTER COUNTY, NEW YORK	SHEET: 02 OF 02

WCDH ONLY

BLAG DOTE

CONSTRUCTION APPROVAL APPLICATION

WCDH File # NCC 2020-09 Municipality: Town of North Castle Fee Amount: _____

On-site Wastewater Treatment System FORMERLY NCC 2018-15 Private Water Supply Residential Commercial

Watershed Basin Name: Byram River (Long Island Sound) If NYCDEP Watershed: Joint Review Delegated Review

Is property in a Water District: Y N Name: _____ Is property in a Sewer District: Y N Name: Sewer District No. 2

Property Information:

Property Name Wampus Mills Subdivision Lot 5

Property Address 4 Shoemaker Lane, Armonk, New York Zip Code 10504

TMD: Section 108.03 Block 2 Lot 7.5 R.S. Lot 5 Lot Area 1.52 Acres

Realty Subdivision: Wampus Mills Subdivision Lot Map # 29405 Date Filed 3/26/2020

Owner Last Name: Madonna Enterprises, LLC Owner First Name: _____

St. #: 7 St. Address: Spruce Hill Court State: NY Zip Code: 10570

Owner Phone #: (914) 557-4695 Owner E-mail Address: fjmadonna@aol.com

Building Type: 2-Story Single-Family Residence # of Bedrooms: 4 Total Habitable Space: 4,000+ Sq. Ft.

On-site Wastewater Treatment System (OWTS) Information:

Design Flow: N/A gpd Soil Percolation Rate: N/A min./in

Slope of OWTS Area: N/A % Septic Tank Size: N/A Gallons (Gal.)

Absorption Trench(es): Length: N/A Lin. Ft. Trench Width: N/A Ft. Area: N/A Sq. Ft.

Absorption Pit(s): # Pits N/A Diameter: N/A Ft. Depth: N/A Ft. Area: N/A Sq. Ft.

Other (circle or specify): Tri-Galleys 4X4 Galleys Flow Diffusers Name: N/A

Trenches N/A Length: N/A Lin. Ft. Trench Width: N/A Ft. Sidewall Area: N/A Sq.Ft./Lin Ft.

Other Requirements:

Pump System: Pump Chamber: Size: N/A Gal. Dose: N/A Gal. Overflow Tank: Size: N/A Gal.

Curtain Drain: Depth: N/A Ft. Width: N/A Ft. R.O.B. Sand and Gravel Fill Section: Depth: N/A Ft.

Separate Sewage Contractor (SSC): Name: N/A WCDH SSC License # N/A

Water Supply System Information:

Private Water Supply Public Water Supply Name: _____

Well Driller Name: TBD NYSDEC Reg # _____

Address: REVISITED WITH NCC 2020-09 Phone: () _____

Other Requirements/Conditions: _____

I represent that I am wholly and completely responsible for the design and location of the proposed system(s): 1] that the on-site wastewater treatment system above described will be constructed as shown on the approved plan or approved amendments thereto and in accordance with the standards, rules and regulations of the Westchester County Department of Health; that on completion thereof, a "Certificate of Construction Compliance" satisfactory to the Commissioner of Health will be submitted to the Department and a written guarantee will be furnished the owner, his successors, heirs or assigns by the builder that said builder will place in good operating condition any part of said OWTS which fails to operate for a period of two (2) years immediately following the date of the issuance of the approval of the Certificate of Construction Compliance of the OWTS or any repairs thereto; 2] that the drilled well described above will be located as shown on the approved plan and that said well will be installed in accordance with the standards, rules and regulations of the Westchester County Department of Health

Date: 8/20/20 Signed: [Signature] P.E. Seal 076215

APPROVED FOR CONSTRUCTION

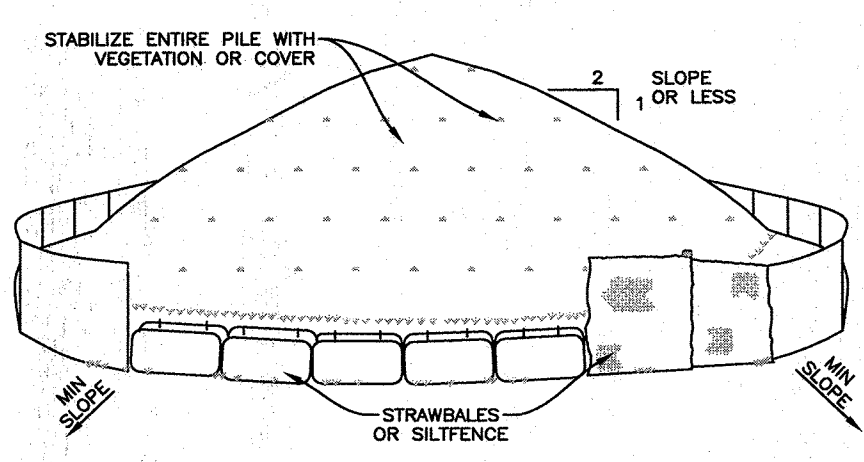
This approval expires one (1) year from the date issued unless construction of the building has been undertaken, and is revocable for cause or may be amended or modified when considered necessary by the Commissioner of Health. Any change or alteration of construction requires a new permit.

Date: 9/17/2020 Approved By: [Signature]



WESTCHESTER COUNTY DEPARTMENT OF HEALTH
 Bureau of Environmental Quality
 FILE NUMBER: NOG 2020-09
 APPROVAL DATE: NOV 2018-15
 APPROVED BY: [Signature] DATE: 8/17/2020

APPROVED BY: [Signature] DATE: 8/17/2020
 WER 0007



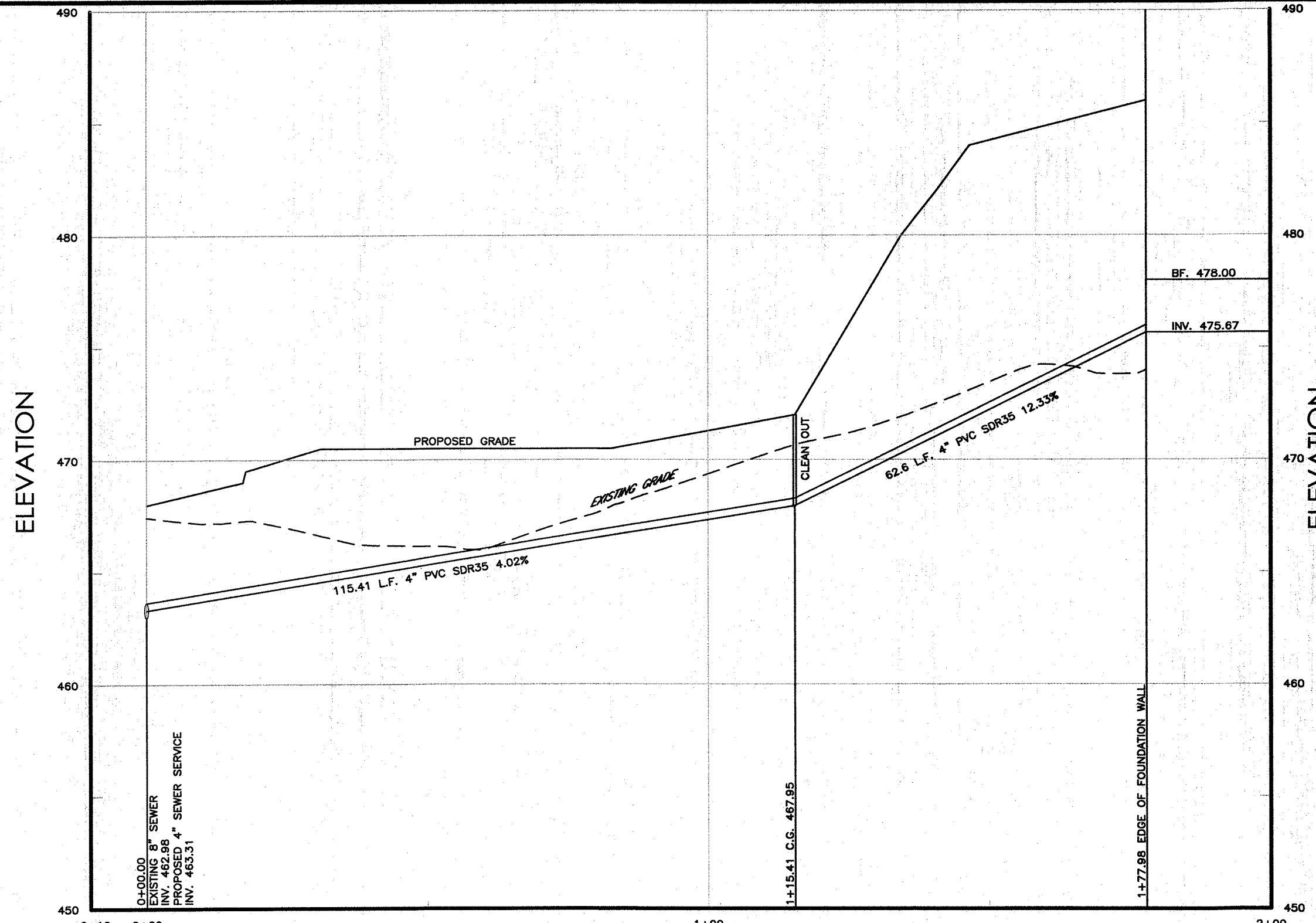
TO BE USED WHERE TOPSOIL PRESERVATION IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS. TOPSOIL IS APPLIED TO SUBSOILS THAT ARE DROUGHTY (HAVING LOW AVAILABLE MOISTURE FOR PLANTS), STONY, SALTY, HAVE LOW PERMEABILITY, OR ARE EXTREMELY ACID. IT IS ALSO USED TO BACKFILL AROUND SHRUBS AND TREE TRANSPLANTS. PRESERVATION OF EXISTING TOPSOIL IS BENEFICIAL FOR ALL TYPES OF LAWN OR ORNAMENTAL PLANTINGS.

TEMPORARY STOCKPILE STABILIZATION MEASURES INCLUDE VEGETATIVE COVER, MULCH, NON-VEGETATIVE COVER, AND PERIPHERAL SEGMENT TRAPPING BARRIERS. THE STABILIZATION MEASURE(S) SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND REQUIRED DURATION OF USE.

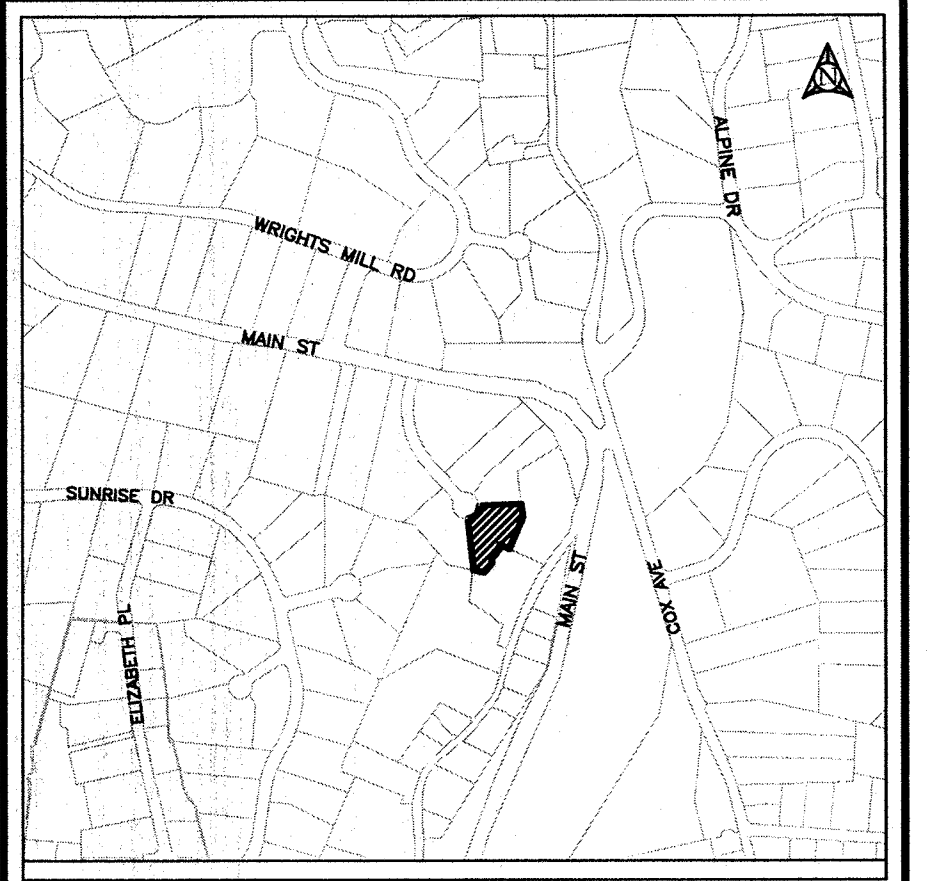
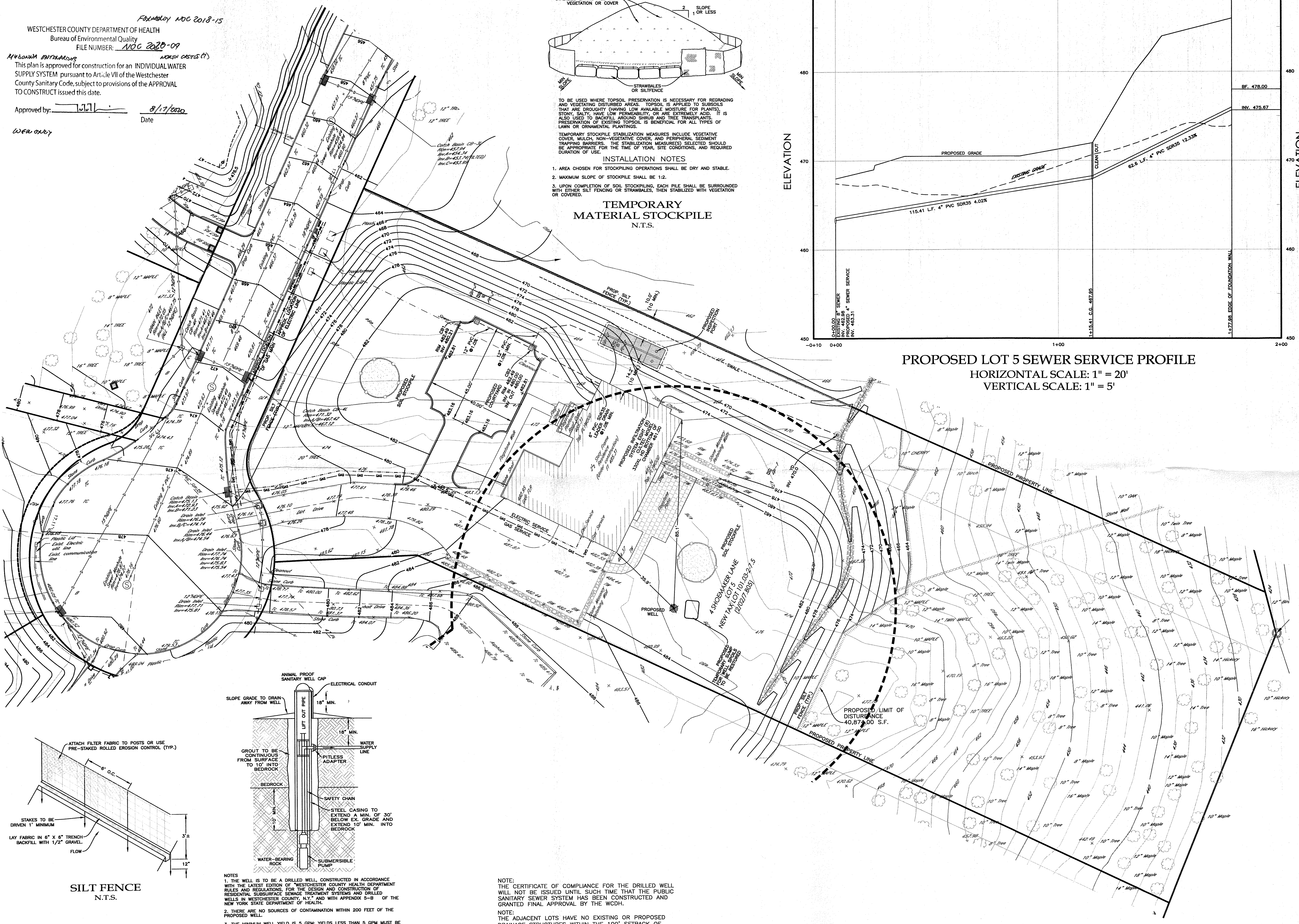
INSTALLATION NOTES

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 WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.

TEMPORARY MATERIAL STOCKPILE
 N.T.S.



PROPOSED LOT 5 SEWER SERVICE PROFILE
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



LOCATION MAP

PROPERTY OWNER: MADONNA ENTERPRISES, LLC
 7 SPRUCE HILL COURT
 PLEASANTVILLE, NY 10570

SITE LOCATION: 4 SHOEMAKER LANE
 ARMONK, NY 10504

WATERSHED/BASIN: BYRAM RIVER (LONG ISLAND SOUND)

TAX MAP #: 101.03-2-7.5

NUMBER OF BEDROOMS: 4

THE PROPOSED WELL CONSTRUCTION IS TO BEGIN APPROXIMATELY AUGUST 2020 AND BE COMPLETED SEPTEMBER 2020.

THERE ARE NO OWTS WITHIN 200' OF WELL UNLESS OTHERWISE SHOWN ON PLAN. IF FOR ANY REASON THE APPROVED CONSTRUCTION PLAN CAN NOT BE FOLLOWED, A REVISED PLAN MUST BE PREPARED, SUBMITTED, AND APPROVED BY WCDH.

THE INSTALLATION OF THE WELL SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS FOR THE DESIGN AND CONSTRUCTION OF RESIDENTIAL SUBSURFACE SEWAGE TREATMENT SYSTEMS AND DRILLED WELLS IN WESTCHESTER COUNTY, N.Y.

PRIOR TO ANY EXCAVATION ALL UNDERGROUND UTILITIES MUST BE LOCATED. CALL 1-800-962-7962.

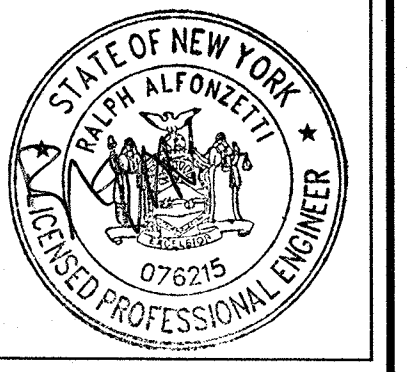
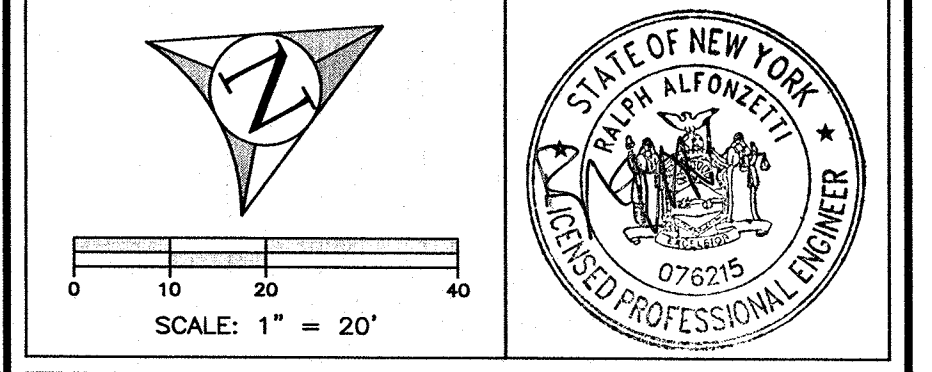
THE WESTCHESTER COUNTY HEALTH DEPARTMENT APPROVAL EXPIRES ONE YEAR FROM THE DATE ON THE APPROVAL STAMP AND IS REQUIRED TO BE RENEWED ON OR BEFORE THE EXPIRATION DATE.

THE APPROVAL IS REVOCABLE FOR CAUSE OR MAY BE AMENDED OR MODIFIED WHEN CONSIDERED NECESSARY BY THE DEPARTMENT.

WELL NOTES:

THE WELL IS TO BE A DRILLED WELL, CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF "WESTCHESTER COUNTY HEALTH DEPARTMENT RULES AND REGULATIONS, FOR THE DESIGN AND CONSTRUCTION OF RESIDENTIAL SUBSURFACE SEWAGE TREATMENT SYSTEMS AND DRILLED WELLS IN WESTCHESTER COUNTY, N.Y." AND WITH APPENDIX 5-B OF THE NEW YORK STATE DEPARTMENT OF HEALTH.

1. THERE ARE NO SOURCES OF CONTAMINATION WITHIN 200 FEET OF THE PROPOSED WELL.
2. THE MINIMUM WELL YIELD IS 5 GPM; YIELDS LESS THAN 5 GPM MUST BE IMMEDIATELY REPORTED TO THE DEPARTMENT.
3. THE PROPOSED WELL MUST BE INSTALLED BY A WELL DRILLER REGISTERED WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC). NOTE: CONTRACTOR TO VERIFY THE LOCATION OF ANY ADJOINING SSDA OR WELL WITHIN 200' OF THE PROPOSED WELL AND MAINTAIN THE MINIMUM REQUIRED SEPARATION DISTANCES IN ACCORDANCE WITH THE LATEST EDITION OF "WESTCHESTER COUNTY HEALTH DEPARTMENT RULES AND REGULATIONS, FOR THE DESIGN AND CONSTRUCTION OF RESIDENTIAL SUBSURFACE SEWAGE TREATMENT SYSTEMS AND DRILLED WELLS IN WESTCHESTER COUNTY, N.Y."

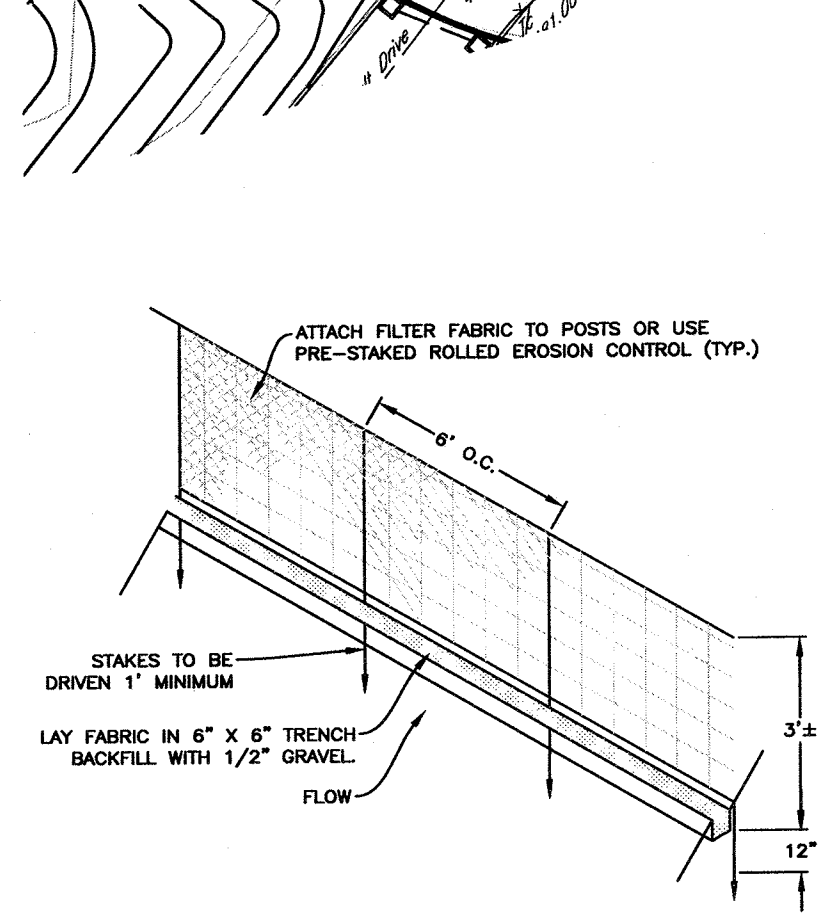


ALFONZETTI ENGINEERING, P.C.
 1100 ROUTE 52, CARMEL, N.Y. 10512
 845-228-9800

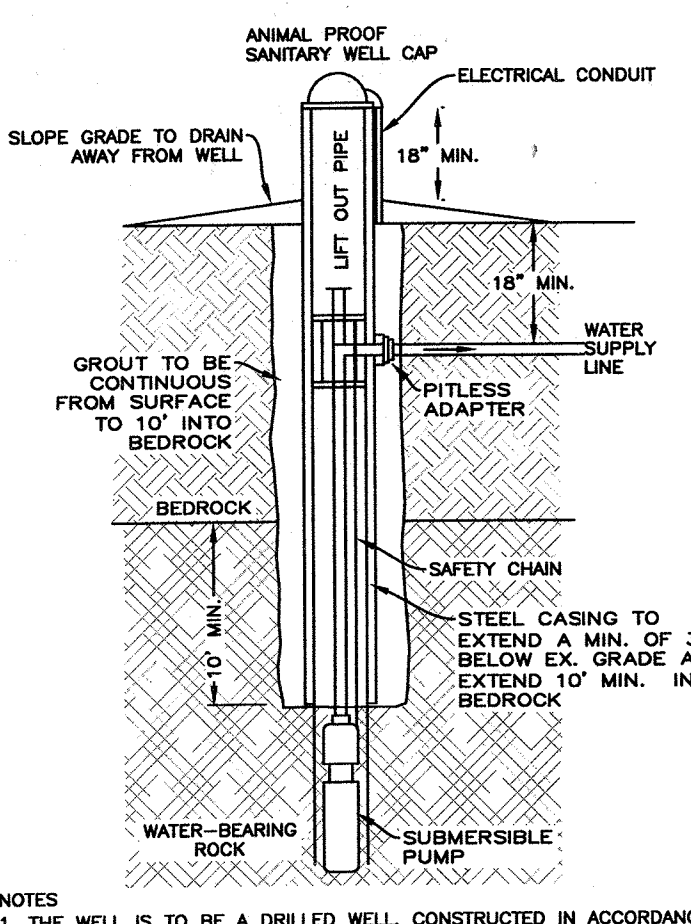
SITE DATA	
OWNER/APPLICANT:	MADONNA ENTERPRISES, LLC
SITE ADDRESS:	4 SHOEMAKER LANE ARMONK, NY 10504
TAX MAP #:	101.03-2-7.5
LOT AREA:	1.360 ACRES
ZONING:	R-1A
REVISED:	AUGUST 11, 2020 AUGUST 4, 2020 JUNE 18, 2018 JUNE 4, 2018

WELL PLAN
 APRIL 26, 2018

LOT 5
WAMPUS MILLS SUBDIVISION
 TOWN OF NORTH CASTLE
 WESTCHESTER COUNTY, NEW YORK



SILT FENCE
 N.T.S.

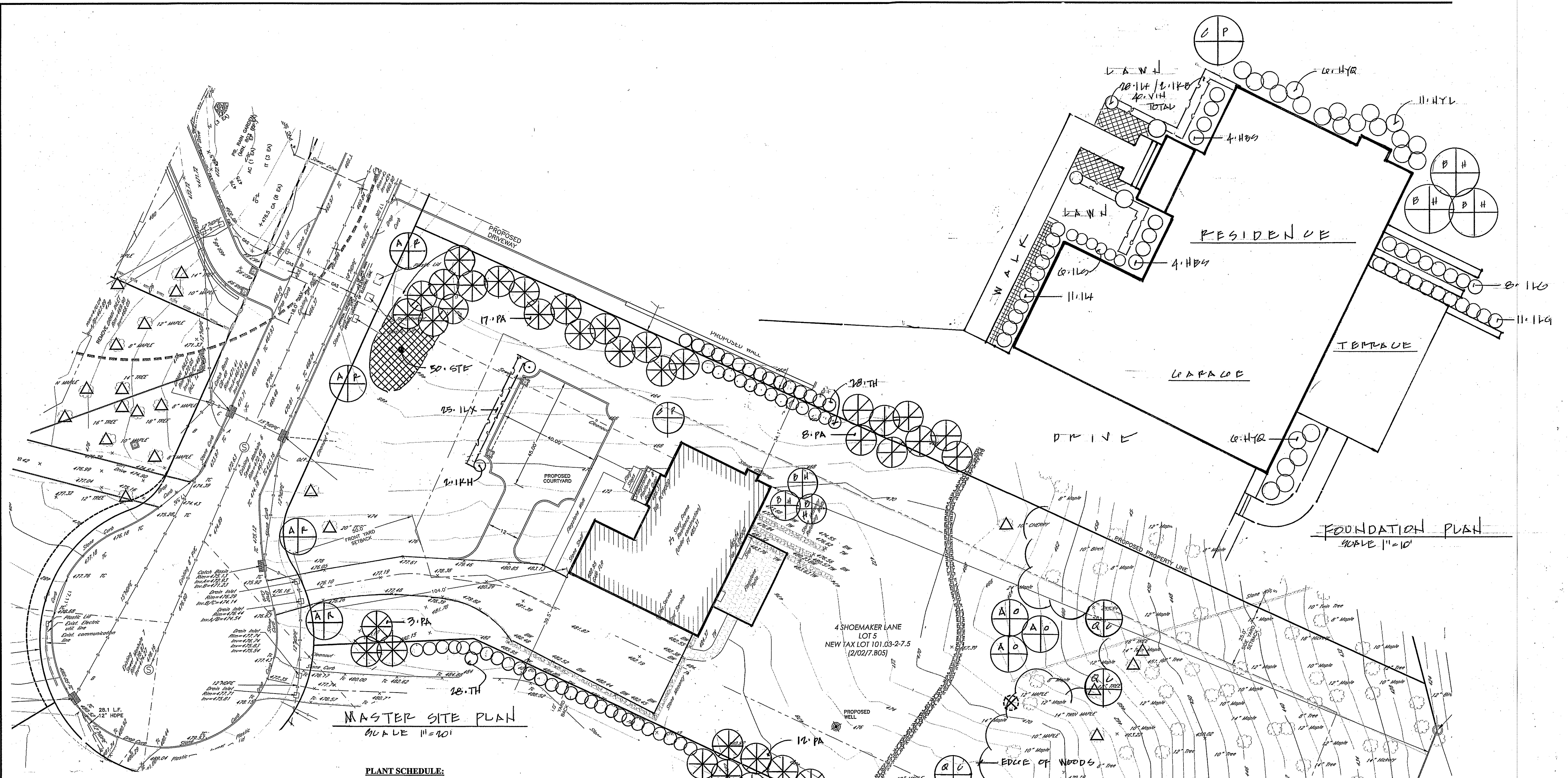


WELL DETAIL
 N.T.S.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145, SECTION 7200(2), FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY IF ANY ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED. THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NOTE:
 THE CERTIFICATE OF COMPLIANCE FOR THE DRILLED WELL WILL NOT BE ISSUED UNTIL SUCH TIME THAT THE PUBLIC SANITARY SEWER SYSTEM HAS BEEN CONSTRUCTED AND GRANTED FINAL APPROVAL BY THE WCDH.

NOTE:
 THE ADJACENT LOTS HAVE NO EXISTING OR PROPOSED DRAINAGE STRUCTURES WITHIN THE 100' SETBACK OF THE PROPOSED WELL LOCATION.



MASTER SITE PLAN
SCALE 1" = 10'

PLANT SCHEDULE:

KEY QUAN.	BOTANICAL / COMMON NAME	SIZE
AO	3 Acer rubrum "October Glory"	31/2"-4" Cal.
AR	4 Acer rubrum - Red Maple	3"-31/2" Cal.
PA	40 Picea abies - Norway Spruce	8'-9" HT.
QC	3 Quercus rubra (Borialis) - Northern Red Oak	3"-31/2" Cal.
TH	56 Thuja p. "Green Giant" - Northern Cedar	6'-7" HT.
CP	1 Carpinus betulus - Hornbeam	3"-31/2" Cal.
BH	3 Betulus n. "Heritage" 3 stems min.	10'-12" HT.
QC	5 Quercus rubra (Borialis) - Northern Red Oak	3"-31/2" Cal.
BGM	8 Buxus "Green Mountain" (not conical)	30"-36" HT.
HBS	8 Hydrangea "Bloomstruck"	5 Gal.
HYQ	12 Hydrangea "Quick Fire"	5 Gal.
HYL	11 Hydrangea "Limelight"	5 Gal.
IKH	4 Ilex x "Keoheana" (Not Nelli Stevens) specimen	4'-5" HT.
IKB	2 Ilex x "Keoheana" (Not Nelli Stevens) specimen	5'-6" HT.
ILX	24 Buxus Green Velvet	18"-24" HT.
ILG	19 Ilex glabra "Shamrock"	5 Gal.
ILS	6 Ilex c. "Steeds" - Upright Japanese Holly	4'-5" HT.
STE	50 Stephanandra incisa "Nana" - Dwarf Steph.	2 Gal.
VIN	160 Vinca "Bowles" - Hybrid Vinca	1 Gal.
ALL	40 Allium "Millenium" - Flowering Allium	2 Gal.

PLANTING SPECIFICATIONS:

GENERAL: All plants, trees and shrubs, shall meet the specifications for "plant material" as per the American Horticultural Society. **The landscape architect reserves the right to inspect all plants prior to shipping.** All plants shall be specimen quality. All plants shall be guaranteed for one full year from the time the landscaping is formally accepted by the owner.

PLANTING: All plants shall be planted in planting pits two times the diameter of the plant ball or container, and 12" deeper than the plant ball or container. The plants shall be planted at the same grade as they were in the container or nursery. Backfill for all planting pits shall be as follows: Two parts native soil, one-part screened topsoil and one-part peat moss or humus. "Roots Plus" shall be added to all backfill, as per label directions.

MULCHING: All planting beds shall be mulched with three (3) inches of shredded cedar bark (not colored mulch). All trees shall be mulched with three (3) inches of shredded cedar bark in a four (4) foot diameter circle around each existing tree.

TOP SOIL: All topsoil shall be screened, native soil, free of any stones over 1" diameter. Top soil shall be spread and fine graded.

SOD LAWN AREAS: All disturbed areas, note as "Lawn" shall be sodded. All sodded areas shall have a minimum of four (4) inches of topsoil as a base. Sod bed shall be fine graded, with all stones and debris over 1" in diameter removed. Sod shall be Long Island farm grown and meet the specifications of the American Sod Growers Association.

WATERING: The Landscape contractor shall keep all plantings watered until irrigation system is installed.

LANDSCAPE PLAN
LOT 5 - WAMPUS MILLS
 SUBDIVISION
 4 SHOEMAKER LANE
 101.03/27.5 1.521 ACRES
 TOWN OF NORTH CASTLE
 ARMONK, NEW YORK 10504
 SCALE: AS NOTED
 March 24, 2020
 REV: #1, 9/21/20, PLAN# 504.