

Frank Residence
3 Deer Ridge Lane
Armonk, New York 10504

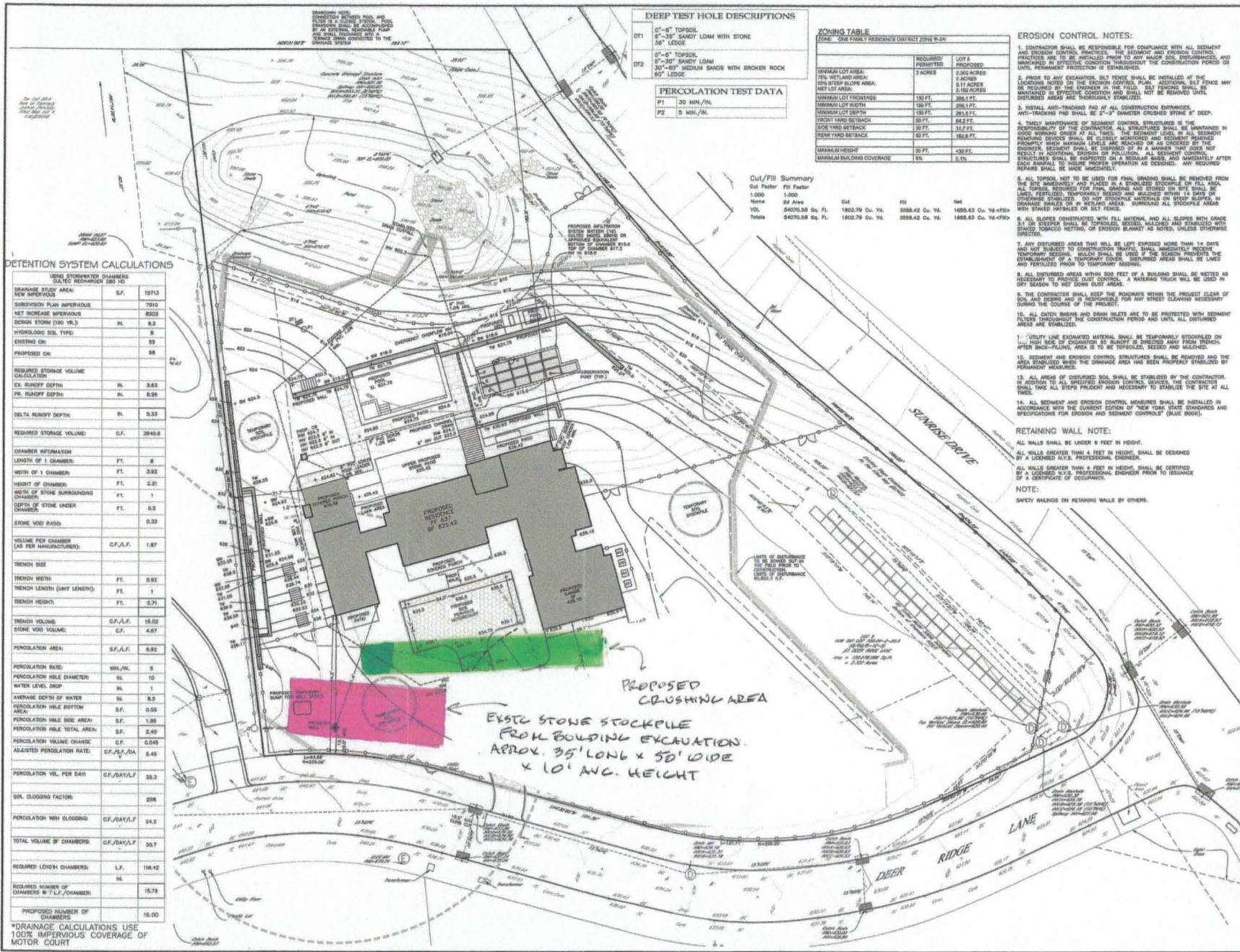
December 21, 2021

Permit # 2021-1220
SBL # 100.04-2-20.5

Planning Board Submittal

re: rock crushing on site

1. The purpose of the proposed crushing is to use the site stone where gravel fill is required for items such as pool base, stormwater drainage systems, septic system, and driveway base. Estimated 300 cubic yards required.
2. The machinery required will include (2) 26-ton class track excavators (to bail rock into and out of the crushing plant) and (1) Terex Finlay J1160 jaw crusher.
3. The crushing of this stockpile should require (5) working days from 9:00 am until 4:30 pm.
4. The noise level of the crusher is similar to that of the diesel engine excavators and the overall operation should not exceed levels already experienced during rock chipping and moving.
5. The crushing plant has an integrated dust control system which will be supplied with stored water.
6. The stone stockpile from foundation excavation is located on the Southeast corner of the property; approx. 35' x 50' x 10' average height = 650 cubic yards. By tri-axle dump truck, this would require approx. 40-50 loads of hauling out.



DEEP TEST HOLE DESCRIPTIONS

- DT1 0'-8" TOPSOIL
8"-36" SANDY LOAM WITH STONE
58' LEDGE
- DT2 0'-8" TOPSOIL
8"-36" SANDY LOAM
30"-60" MEDIUM SANDS WITH BROKEN ROCK
60' LEDGE

PERCOLATION TEST DATA

- P1 30 MIN./IN.
- P2 5 MIN./IN.

ZONING TABLE

REQUIREMENT	PERMITTED	LOT F
MINIMUM LOT AREA	3 ACRES	2.502 ACRES
MINIMUM SETBACK AREA	3.117 ACRES	2.136 ACRES
MINIMUM FRONTAGE	150 FT.	266.1 FT.
MINIMUM LOT WIDTH	150 FT.	266.1 FT.
MINIMUM LOT DEPTH	150 FT.	266.1 FT.
FRONT YARD SETBACK	30 FT.	66.2 FT.
EDGE YARD SETBACK	30 FT.	31.2 FT.
REAR YARD SETBACK	30 FT.	158.2 FT.
MINIMUM HEIGHT	8 FT.	438 FT.
MINIMUM BUILDING COVERAGE	5%	5.1%

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL SEDIMENT AND EROSION CONTROL PRACTICES. THE SEDIMENT AND EROSION CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE AND MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIODS OR LONG-TERM PROTECTION IS DEMANDATED.
2. PRIOR TO ANY EXCAVATION, SILT FENCE SHALL BE INSTALLED AT THE EXCAVATION PERIMETER. THE SILT FENCE SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE AND MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIODS OR LONG-TERM PROTECTION IS DEMANDATED.
3. INSTALL ANTI-TRENCHING PAD AT ALL CONSTRUCTION ENTRANCES. ANTI-TRENCHING PAD SHALL BE 2'-4" THICKER CRUSHED STONE 3" DEEP.
4. MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE SEDIMENT LEVEL IN ALL SEDIMENT TRAP STRUCTURES SHALL BE MAINTAINED AT A LEVEL AS INDICATED BY THE ENGINEER. SEDIMENT SHALL BE REMOVED AS NECESSARY TO PREVENT OVERFLOW. THE SEDIMENT SHALL BE REMOVED IN A MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR POLLUTION. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS AND IMMEDIATELY AFTER EACH RAINFALL TO INSURE PROPER OPERATION AS DESIGNED. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
5. ALL TOPSOIL NOT TO BE USED FOR FINAL GRASSING SHALL BE REMOVED FROM THE SITE IMMEDIATELY AND PLACED IN A STABILIZED STOCKPILE ON FILL AREA. ALL TOPSOIL REQUIRED FOR FINAL GRASSING AND STORED ON SITE SHALL BE LINED, FERTILIZED, TEMPORARILY SEEDING AND MULCHED WITHIN 14 DAYS OF STORAGE. TEMPORARILY SEEDING AND MULCHED WITHIN 14 DAYS OF STORAGE. TEMPORARILY SEEDING AND MULCHED WITHIN 14 DAYS OF STORAGE. TEMPORARILY SEEDING AND MULCHED WITHIN 14 DAYS OF STORAGE.
6. ALL DISTURBED AREAS WITHIN 300 FEET OF A BUILDING SHALL BE NEEDED AS NECESSARY TO PREVENT EROSION. A WATERING TRUCK WILL BE USED IN DRY SEASONS TO KEEP SOIL MOIST.
7. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT CLEAR OF ALL OBSTRUCTIONS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE STABILIZED.
8. ALL CATCH BASINS AND DRAIN INLETS ARE TO BE PROTECTED WITH SEDIMENT TRAP STRUCTURES THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE STABILIZED.
9. ALL EXCAVATED MATERIAL SHALL BE TEMPORARILY STOCKPILED ON THE HIGH SIDE OF EXCAVATION TO RUNOFF IS DIRECTION AWAY FROM FEDERAL, STATE OR LOCAL HIGHWAYS. EXCAVATED MATERIAL SHALL BE MULCHED AND STABILIZED WITHIN 14 DAYS OF EXCAVATION. EXCAVATED MATERIAL SHALL BE MULCHED AND STABILIZED WITHIN 14 DAYS OF EXCAVATION.
10. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE MAINTAINED AND THE AREA STABILIZED WITHIN THE DISTURBED AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.
11. ALL AREAS OF EXCAVATED SOIL SHALL BE STABILIZED BY THE CONTRACTOR. IN ADDITION TO ALL REQUIRED EROSION CONTROL, SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED AND NECESSARY TO STABILIZE THE SITE AT ALL TIMES.
12. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" (BLUE BOOK).

RETAINING WALL NOTE:

- 1. ALL WALLS SHALL BE UNDER 8 FEET IN HEIGHT.
- 2. ALL WALLS GREATER THAN 4 FEET IN HEIGHT SHALL BE DESIGNED BY A LICENSED N.Y.S. PROFESSIONAL ENGINEER.
- 3. ALL WALLS GREATER THAN 4 FEET IN HEIGHT SHALL BE DESIGNED BY A LICENSED N.Y.S. PROFESSIONAL ENGINEER PRIOR TO ISSUANCE OF PERMITS.

NOTE:

SAFETY BARBERS ON RETAINING WALLS BY OTHERS.

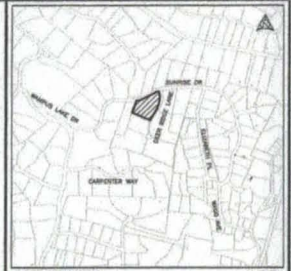
DETENTION SYSTEM CALCULATIONS

LINE STORMWATER DRAINAGE DRAINAGE BEHINDER 580 10	
STORMWATER DRAINAGE AREA FOR IMPERVIOUS	S.F. 19713
SUBURBAN PLAN IMPERVIOUS	7510
NET INCREASE IMPERVIOUS	8203
DESIGN STORM (200 YR.)	IN. 8.2
HYDROLOGIC SOIL TYPE	B
EXISTING CN	55
PROPOSED CN	98
REQUIRED STORAGE VOLUME CALCULATION	
EX. RUNOFF DEPTH	IN. 3.63
PL. RUNOFF DEPTH	IN. 8.99
DELTA RUNOFF DEPTH	IN. 5.33
REQUIRED STORAGE VOLUME	C.F. 3846.6
CHAMBER INFORMATION	
LENGTH OF 1 CHAMBER	FT. 8
WIDTH OF 1 CHAMBER	FT. 3.82
HEIGHT OF CHAMBER	FT. 5.21
DEPTH OF STONE SURROUNDING CHAMBERS	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. 1.87
TRENCH SIZE	
TRENCH WIDTH	FT. 0.92
TRENCH LENGTH (UNIT LENGTH)	FT. 1
TRENCH HEIGHT	FT. 2.71
TRENCH VOLUME	C.F./L.F. 16.02
STONE VOID VOLUME	C.F. 4.87
PERCOLATION AREA	S.F./L.F. 0.92
PERCOLATION RATE	IN./IN. 9
PERCOLATION HOLE DIAMETER	IN. 10
WATER LEVEL DROP	IN. 1
AVERAGE DEPTH OF WATER	IN. 5.5
PERCOLATION HOLE BOTTOM AREA	S.F. 0.53
PERCOLATION HOLE SIDE AREA	S.F. 1.28
PERCOLATION HOLE TOTAL AREA	S.F. 2.49
PERCOLATION VOLUME CHANGE	C.F. 0.948
ADJUSTED PERCOLATION RATE	C.F./L.F./IN. 0.41
PERCOLATION VOL. PER DAY	C.F./DAY/L.F. 33.3
SOIL CLOSING FACTOR	206
PERCOLATION WITH CLOSING	C.F./DAY/L.F. 24.2
TOTAL VOLUME OF CHAMBERS	C.F./DAY/L.F. 35.7
REQUIRED LENGTH CHAMBERS	L.F. 116.42
REQUIRED NUMBER OF CHAMBERS @ 7.5' CHAMBER	15.79
PROPOSED NUMBER OF CHAMBERS	16.00

*DRAINAGE CALCULATIONS USE 100% IMPERVIOUS COVERAGE OF MOTOR COURT

Cut/Fill Summary

Vol	1:000	1:500	2:000	2:500	3:000	3:500	4:000	4:500	5:000
Excavation	1000	1000	1000	1000	1000	1000	1000	1000	1000
Fill	1000	1000	1000	1000	1000	1000	1000	1000	1000



CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL VERIFY AND VERIFY IN THE FIELD ALL UTILITIES: SEWER, WATER, GAS, ELECTRIC, ETC. PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL CALL CODE 311 (FORMERLY CODE 83) PRIOR TO THE START OF CONSTRUCTION.
2. THE INSTALLATION OF WATER AND SEWER SHALL BE INSPECTED AND PERMITS REQUIRED FOR CONSTRUCTION.
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 CONTROL" (BLUE BOOK).
4. ALL BLASTING OR DISTURBED SLOPES, LIVES OR GREATER SHALL BE STABILIZED IMMEDIATELY BY THE CONTRACTOR. BLASTING IS PROHIBITED IN ALL AREAS OF THE PROJECT.
5. IN LIEU OF BLASTING, ROCK RIPPING WILL BE USED WHEREVER POSSIBLE. ROCK RIPPING SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" (BLUE BOOK).
6. ALL PROPOSED OR DISTURBED SLOPES, LIVES OR GREATER SHALL BE STABILIZED IMMEDIATELY BY THE CONTRACTOR. BLASTING IS PROHIBITED IN ALL AREAS OF THE PROJECT.
7. THE ROAD AND UTILITIES SHALL BE STAYED 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, LIVES OR GREATER SHALL BE STABILIZED IMMEDIATELY BY THE CONTRACTOR. BLASTING IS PROHIBITED IN ALL AREAS OF THE PROJECT.
10. THE REPRESENTATIVE OF THE SUB-SURFACE SOIL CONDITIONS ON THIS SITE ARE MADE OR IMPLIED. IT IS THE DEVELOPER/CONTRACTOR'S RESPONSIBILITY TO INSURE ALL IMPROVEMENTS ARE PLACED ON SOIL WITH A SUFFICIENT BEARING CAPACITY.
11. OVERSIGHT EXCAVATIONS WILL NOT BE PERMITTED.

Call 811

IF A VIOLATION OF THE NEW YORK STATE EROSION CONTROL ACT, ARTICLE 154, SECTION 154-1.01, OR ANY OTHER LAW OR AS ORDERED BY THE GOVERNING AGENCY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF REMEDIATION AND RESTORATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF REMEDIATION AND RESTORATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF REMEDIATION AND RESTORATION.

SCALE: 1" = 20'

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

SITE DATA

OWNER/CLIENT:	FRANK RESIDENCE
SITE ADDRESS:	3 DEER RIDGE LANE, NORTH CASTLE, NY 10512
TAX MAP:	SECTION 11, TOWN OF NORTH CASTLE, NY 10512
DATE:	APRIL 20, 2021

SITE PLAN
APRIL 20, 2021

FRANK RESIDENCE
TOWN OF NORTH CASTLE, WESTCHESTER, NY





TOWN OF NORTH CASTLE
WESTCHESTER COUNTY
17 Bedford Road
Armonk, New York 10504-1898

PLANNING DEPARTMENT
Adam R. Kaufman, AICP
Director of Planning

Telephone: (914) 273-3542
Fax: (914) 273-3554
www.northcastleny.com

PLANNING BOARD SCHEDULE OF ESCROW ACCOUNT DEPOSITS

<u>Type of Application Deposit*</u>	<u>Amount of Initial Escrow Account</u>
Concept Study	\$500.00
Site Plan Waiver for Change of Use	\$500.00
Site Development Plan for:	
Multifamily Developments	\$3,000.00 plus \$100.00 per proposed dwelling unit
Commercial Developments	\$3,000.00 plus \$50.00 for each required parking space
1 or 2 Family Projects	\$2,000.00
Special Use Permit	\$2,000.00 plus \$50.00 for each required parking space
Subdivision:	
Lot Line Change resulting in no new lots	\$1,500.00
All Others	\$3,000.00 plus \$200.00 per proposed new lot in excess of two (2)
Preparation or Review of Environmental Impact Statement	\$15,000.00

* If a proposed action involves multiple approvals, a single escrow account will be established. The total amount of the initial deposit shall be the sum of the individual amounts indicated. When the balance in such escrow account is reduced to one-third (1/3) of its initial amount, the applicant shall deposit additional funds into such account to restore its balance to the amount of the initial deposit.

Applicant Signature

Date:

12/20/20

I. IDENTIFICATION OF PROPERTY OWNER, APPLICANT AND PROFESSIONAL REPRESENTATIVES

Name of Property Owner: ANDREW FRANK
Mailing Address: 6 LONG POND RD. ARMONK, NY 10504
Telephone: 914-522-7667 Fax: 914 e-mail ANDREW.FRANK@GMAIL.COM

Name of Applicant (if different): CUM LAUDE GROUP INC.
122 WESTMORELAND AVE.
Address of Applicant: WHITE PLAINS, NY 10606
Telephone: 914-946-2488 Fax: 914-946-6145 e-mail JIMMY@CUMLAUDEGROUP.COM
Interest of Applicant, if other than Property Owner:
BUILDER

Is the Applicant (if different from the property owner) a Contract Vendee?
Yes No
If yes, please submit affidavit stating such. If no, application cannot be reviewed by Planning Board

Name of Professional Preparing Site Plan:
ALFONZETTI ENGINEERING, P.C.
100 ROUTE 52
Address: CARROLL, NY 10512
Telephone: 845-228-9800 Fax: _____ e-mail _____

Name of Other Professional: _____
Address: _____
Telephone: _____ Fax: _____ e-mail _____

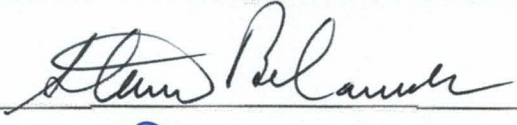
Name of Attorney (if any): _____
Address: _____
Telephone: _____ Fax: _____ e-mail _____

Applicant Acknowledgement

By making this application, the undersigned Applicant agrees to permit Town officials and their designated representatives to conduct on-site inspections in connection with the review of this application.

The Applicant also agrees to pay all expenses for the cost of professional review services required for this application.

It is further acknowledged by the Applicant that all bills for the professional review services shall be mailed to the Applicant, unless the Town is notified in writing by the Applicant at the time of initial submission of the application that such mailings should be sent to a designated representative instead.

Signature of Applicant:  Date: 12/21/21

Signature of Property Owner:  Date: 12/21/21

MUST HAVE BOTH SIGNATURES .



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APPLICATIONS REQUIRING PLANNING BOARD APPROVAL
SCHEDULE OF APPLICATION FEES

<u>Type of Application</u>	<u>Application Fee</u>
Site Development Plan	\$200.00
Each proposed Parking Space	\$10
Special Use Permit (each)	\$200 (each)
Preliminary Subdivision Plat	\$300 1 st Lot \$200 (each additional lot)
Final Subdivision Plat	\$250 1 st Lot \$100 (each additional lot)
Tree Removal Permit	\$75
Wetlands Permit	\$50 (each)
Short Environmental Assessment Form	\$50
Long Environmental Assessment Form	\$100
Recreation Fee	\$10,000 Each Additional Lot
Discussion Fee	\$200.00
Prior to submission of a sketch or preliminary subdivision Plat, an applicant or an applicant's representative wishes to discuss a subdivision proposal to the Planning Board, a discussion fee of \$200.00 shall be submitted for each informal appearance before the board.	

Any amendment to previously approved applications requires new application forms and Fees



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Date:



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Mailing Address: <u>6 Long Pond Rd Armonk NY 10504</u>
Telephone: <u>914.522.7667</u> Fax: _____ e-mail <u>andrew.frank@gmail.com</u>
Name of Applicant (if different): _____
Address of Applicant: _____
Telephone: _____ Fax: _____ e-mail _____
Interest of Applicant, if other than Property Owner: _____
Is the Applicant (if different from the property owner) a Contract Vendee? Yes <input type="checkbox"/> No <input type="checkbox"/>
If yes, please submit affidavit stating such. If no, application cannot be reviewed by Planning Board
Name of Professional Preparing Site Plan: <u>Paul Fontana / Cum loude Group</u>
Address: <u>122 Westmoreland Ave White Plains, NY 10606</u>
Telephone: <u>914.755.5480</u> Fax: _____ e-mail <u>paul@cumloudegroup.com</u>
Name of Other Professional: _____
Address: _____
Telephone: _____ Fax: _____ e-mail _____
Name of Attorney (if any): _____
Address: _____
Telephone: _____ Fax: _____ e-mail _____

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MUST HAVE BOTH SIGNATURES