DATE: March 15, 2018

TO: Village Planning Board & Zoning Board
7 Maple Street
Hastings on Hudson, New York

PROJECT: **67 PINECREST PARKWAY RESIDENCE**

RE: Application Submission for Planning Board Meeting: April 15, 2018 &
Zoning Board Meeting: April 22, 2018

This application requests Site Plan approval consideration for the construction of a new 2-story Single Family House on the property at 67 Pinecrest Parkway. The land slopes downwards from front to back and the rear yard abuts the Old Croton Aqueduct Trail. The property falls within a View Preservation District and a topographical survey has determined that the Application will also require Steep Slopes Approval.

Currently developed on the property is a 2-Story Single Family House (1926) and a 2-Story Garage / Accessory Structure (1954). In January 2017, the Village Building Department issued a Notice of Violation to the prior owner that outlined 16 Code violations resulting mainly from a general lack of upkeep and maintenance to the house, garage and trees. As a result of this Notice, a structural assessment was performed on the Garage building and the wood-framed roof and floor joists were removed and the stone masonry walls were deemed structurally sound.

The current owners purchased the property in the latter half of 2017 and wish to build a new home and pool. Our architectural approach has attempted to address their brief and to consider the impact of the new house with respect to neighboring properties and the development objectives outlined in the Village Code.

CONTEXT

Pinecrest Parkway (PP) is a street with a mixed variety of houses and property sizes. The majority of older homes are constructed on thin, long properties and are organized in close proximity. The newer homes tend to be built on larger/wider lots (reflective of the current Zoning Code) resulting, in general, in larger homes. With 120' street frontage, 67 Pinecrest Parkway is among the wider properties along this street.

SITING:

The most significant change to the property is the demolition of the existing wood frame house and the proposed relocation of the house from the North to the South side of the property. There is currently less than 10'-0" between houses at 67PP and 83PP. We feel there is a mutual benefit to both properties with a wider distance between houses and increased privacy, air and daylight. In addition, the neighboring home to the South is located +/-150' from the proposed structure.

VIEW PRESERVATION

As a result of the sloping topography and a desire for first floor spaces to open directly to outdoor living space, the entry floor is sited at a lower elevation than many of the houses on the street. The results of this allow for a proposed 2nd Floor roofline that is lower than the existing house on the property and lower than many structures along the west side of Pinecrest Parkway. In addition to this reduced height, the second floor roof is 8'-0" less wide than the existing roof profile, which increases sitelines through the property.

STEEP SLOPES

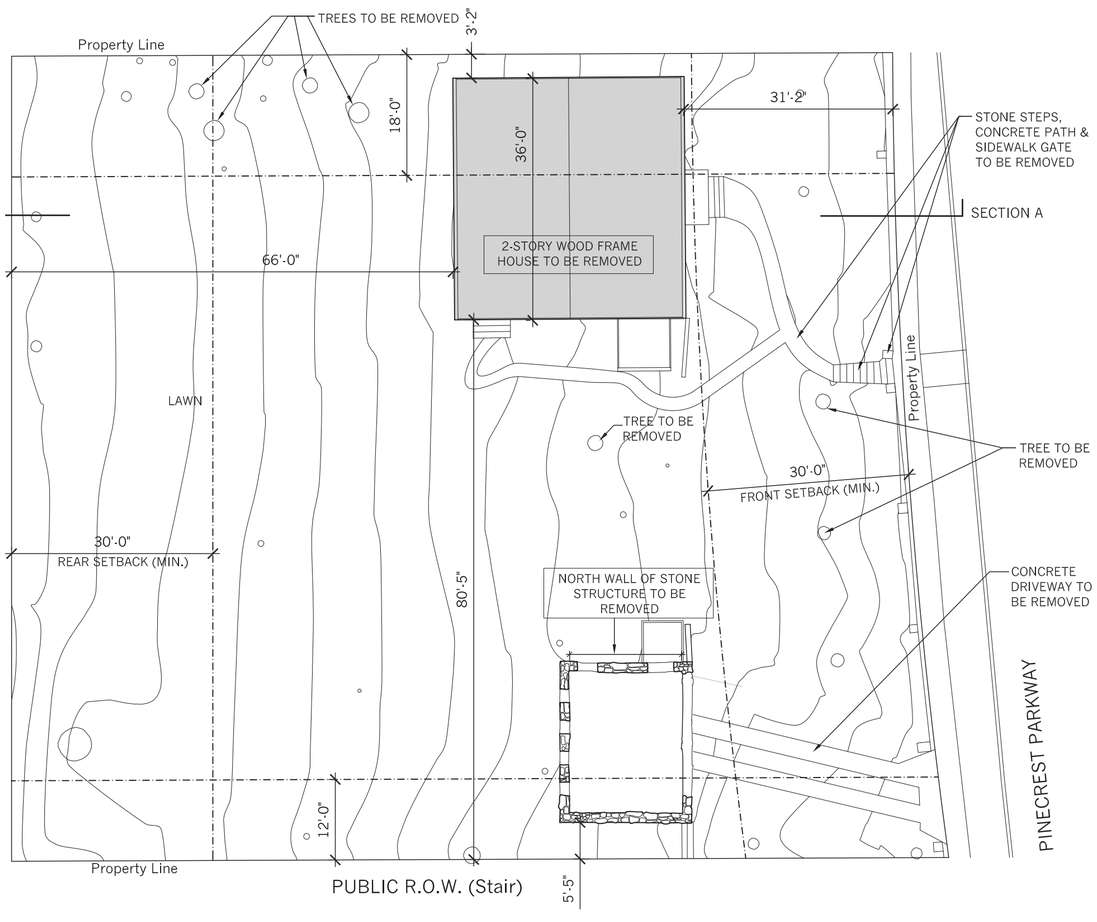
This application requests approval for a new home to be constructed on a previously developed property. The topographical survey reveals that the majority of the land is sloping within the range between 15% - 25% grade which reflects the majority of developed properties West of Pinecrest Parkway. We have attempted to position the new work towards the middle of the property in order to minimize the visual impact of disturbances from the street and from the Old Croton Aqueduct. By placing the house and pool in proximity to the existing developed areas of the property, the entire western / lower portion of the property can remain in its natural, undeveloped state and maintain the neighborhood context of landscaped rear yards along the Aqueduct Trail.

Thank you for the consideration.

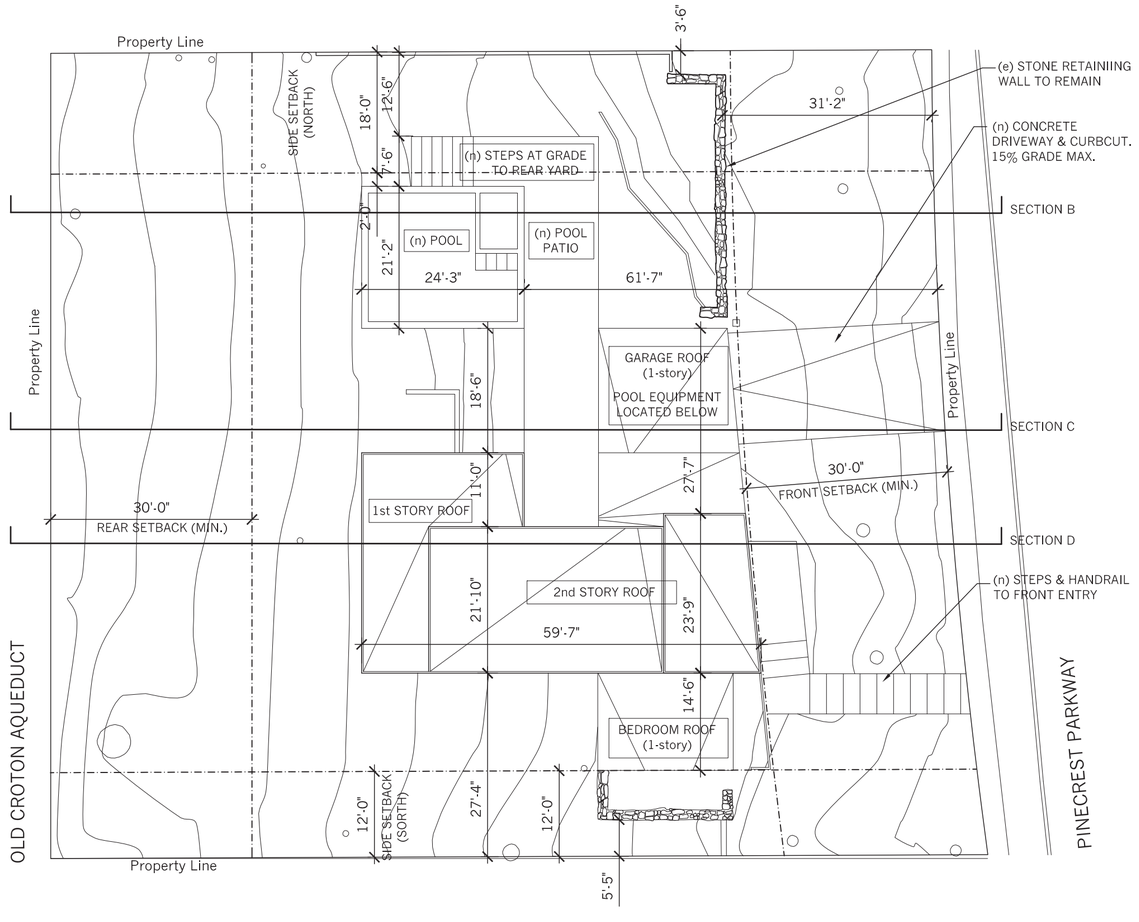
Mike Jacobs, principal
JACOBSCHANG ARCHITECTURE

ZONING DISTRICT R-10

	REQUIRED	EXISTING	PROPOSED
LOT AREA	10,000 SF (Min.)	16,117 SF	16,117 SF
LOT WIDTH	100 Feet (Min.)	120 Feet	120 Feet
SETBACKS			
FRONT YARD	30'-0" (Min.)	31'-2"	30'-0"
SIDE YARD (Total)	30'-0" (Min.)	83'-7"	46'-5"
North Side Yard	18'-0" (Min.)	3'-2"	41'-0"
South Side Yard	12'-0" (Min.)	80'-5" to S.F.D.	12'-0" to S.F.D.
		5'-5" Existing Accessory Structure	5'-5" Existing Structure to Remain
REAR YARD	30'-0" (Min.)	66'-0"	46'-0"
BUILDING COVERAGE	25% (Max.) 4,029 SF	11.6% (1,868 SF)	15.6% (2,512 SF)
DEVELOPMENT COVERAGE	35% (Max.) 5,641 SF	15% (2,426 SF)	29.7% (4,788 SF)
BUILDING HEIGHT	35'-0" (Max.)	31'-6"	34'-11"



EXISTING SITE PLAN
SCALE: 1/16" = 1'-0"



PROPOSED SITE PLAN, POOL LOCATION REVISION APRIL 23, 2018
SCALE: 1/16" = 1'-0"

JACOBSCHANG ARCHITECTURE
39 E. 13TH STREET . 4TH FLOOR . NEW YORK, NY 10003 . P: (212) 481-8455

ZONING DISTRICT R-10

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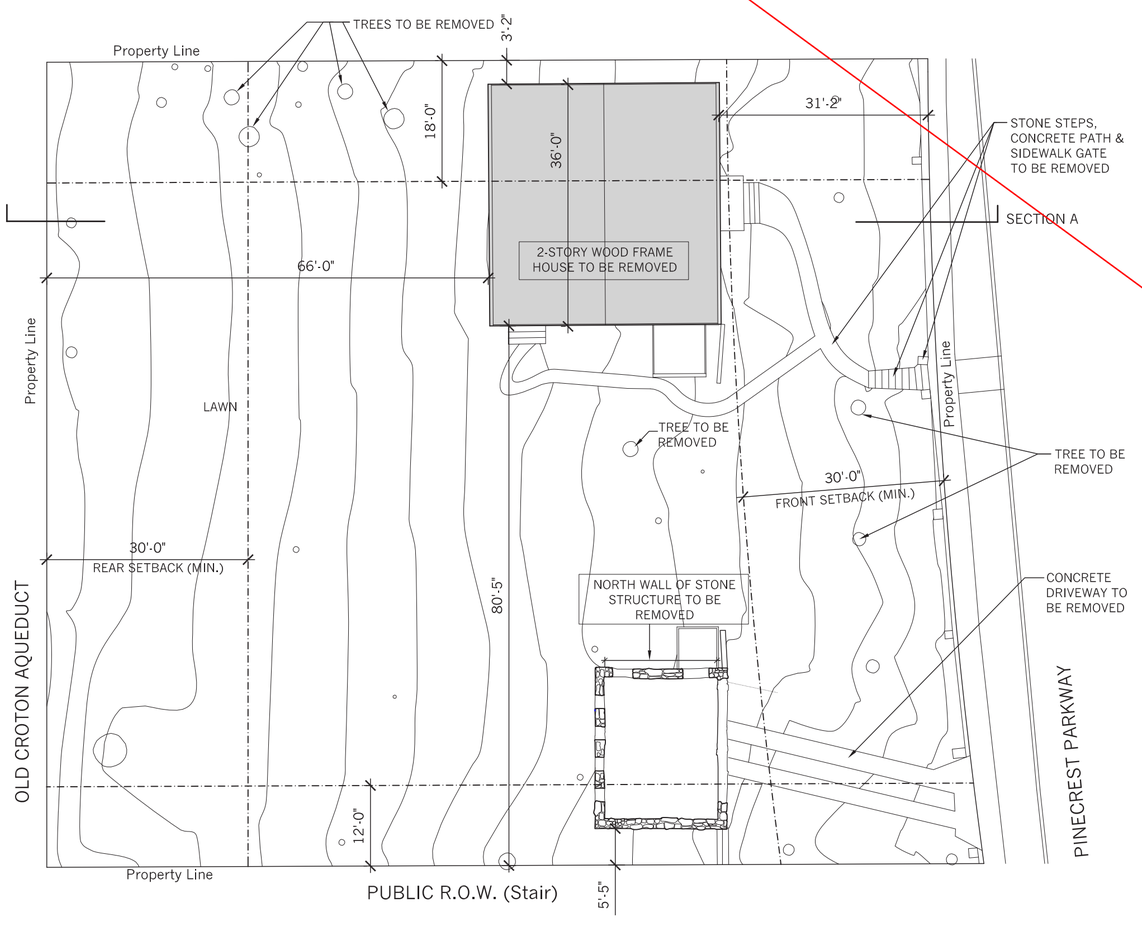
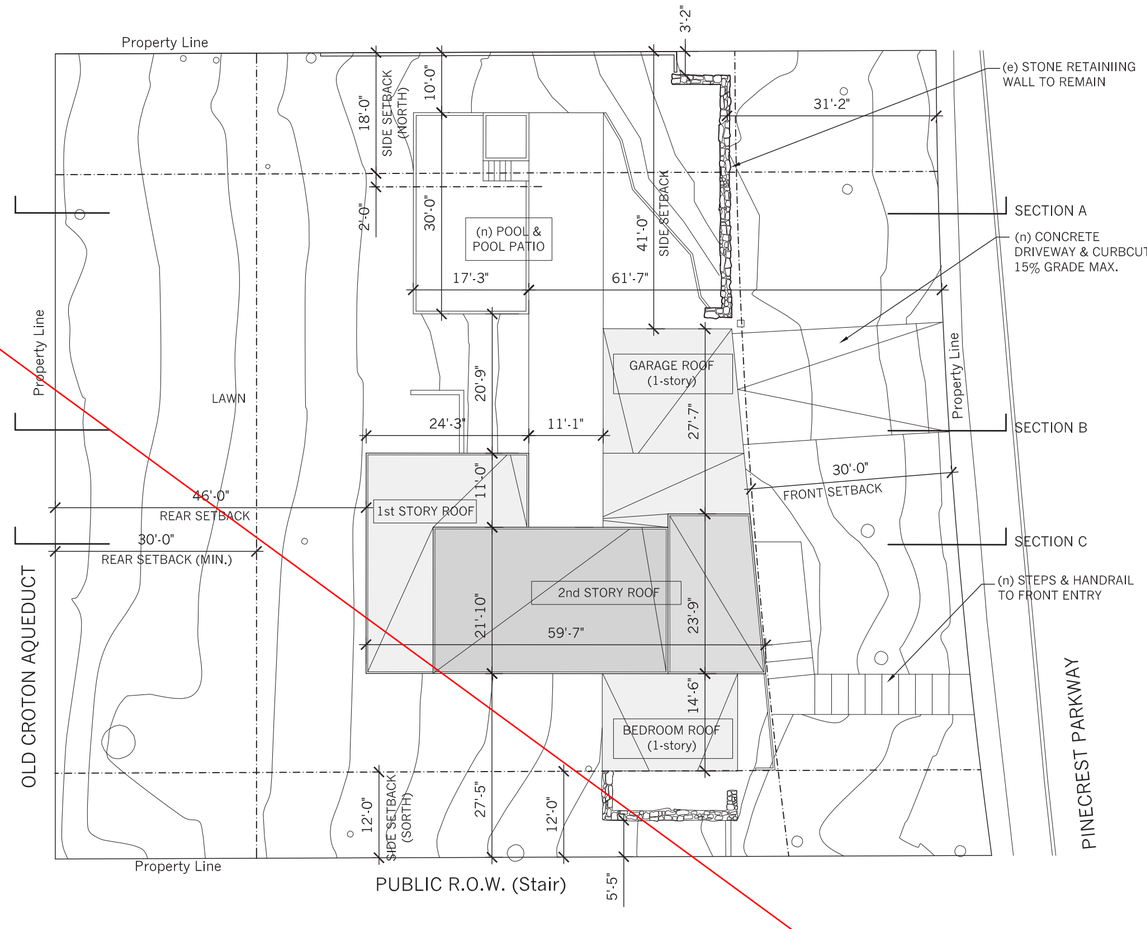
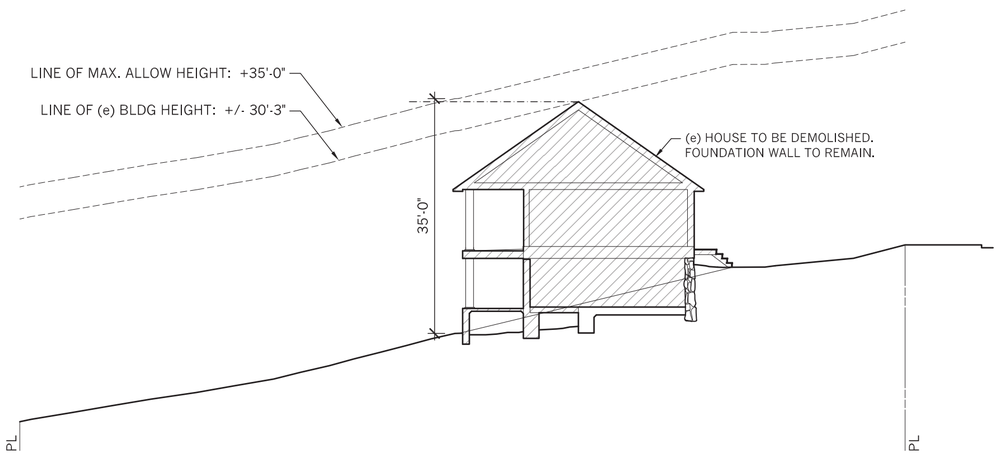
REVISED & REISSUED



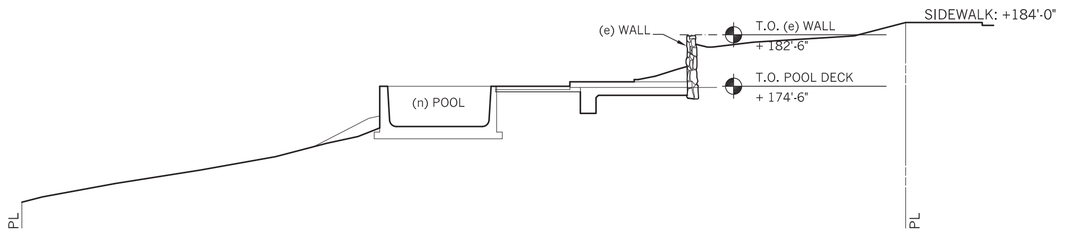
SITE PLAN: EXISTING
SCALE: 1/16" = 1'-0"



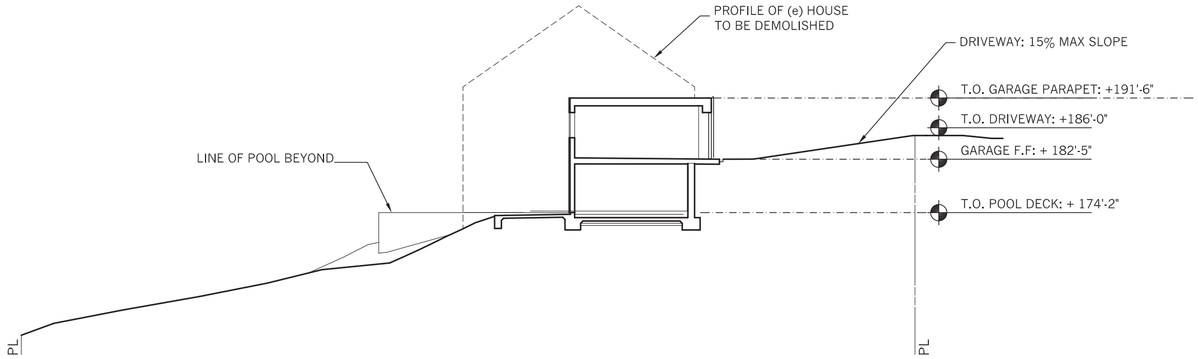
SITE PLAN: PROPOSED
SCALE: 1/16" = 1'-0"



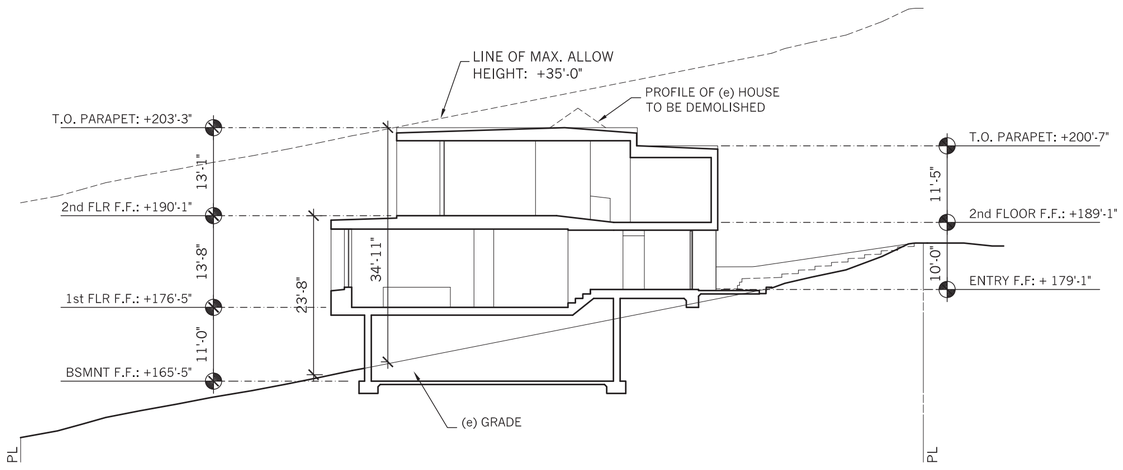
SECTION A, EXISTING
SCALE: 1/16" = 1'-0"



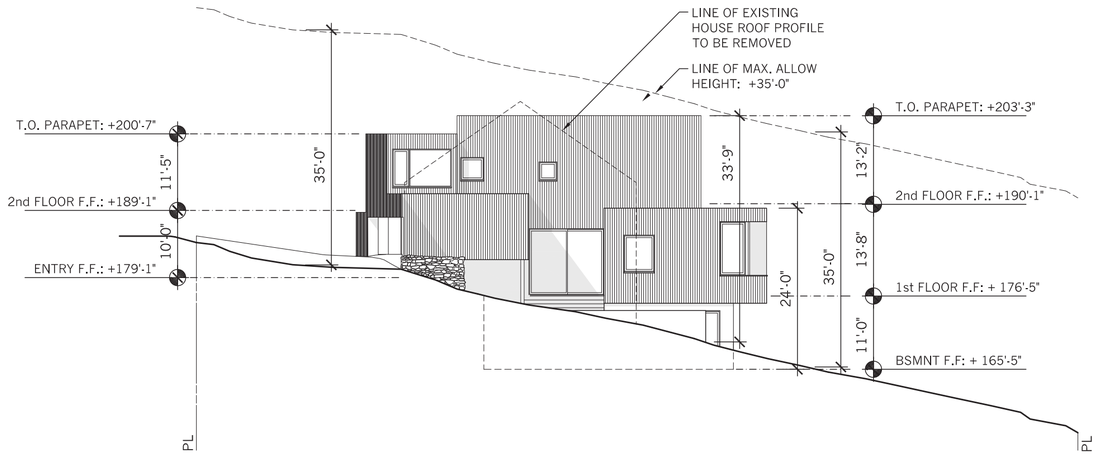
SECTION A, PROPOSED
SCALE: 1/16" = 1'-0"



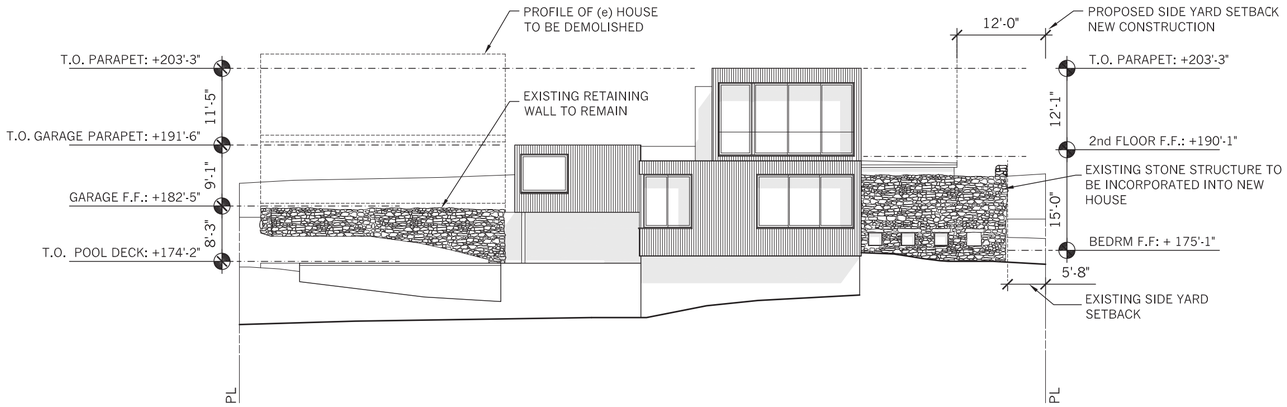
SECTION B, PROPOSED
SCALE: 1/16" = 1'-0"



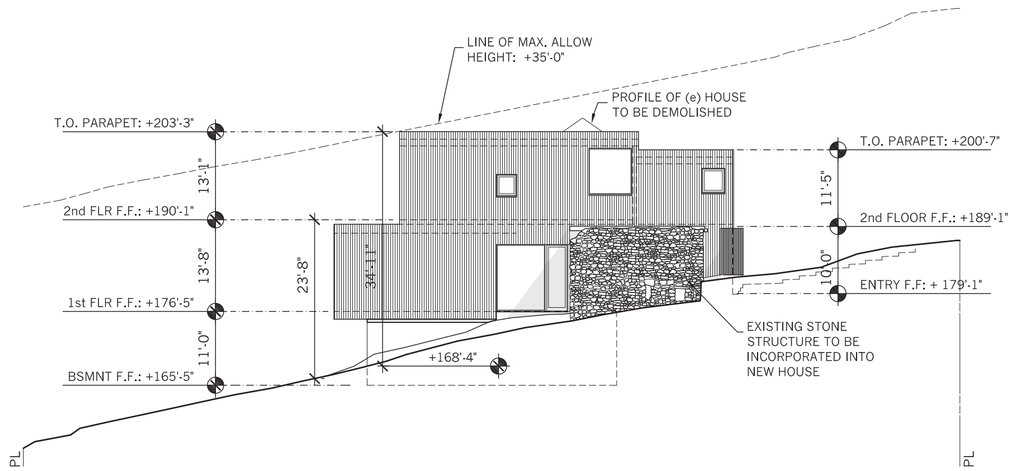
SECTION C, PROPOSED
SCALE: 1/16" = 1'-0"



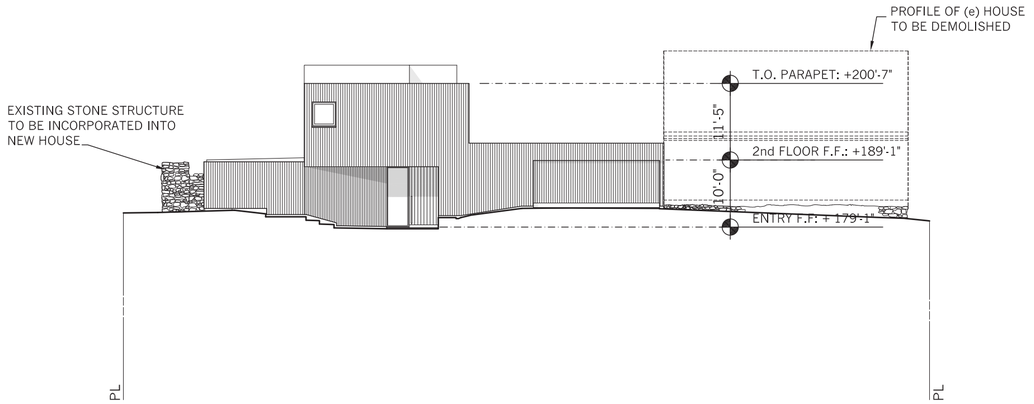
NORTH ELEVATION
SCALE: 1/16" = 1'-0"



WEST ELEVATION
SCALE: 1/16" = 1'-0"



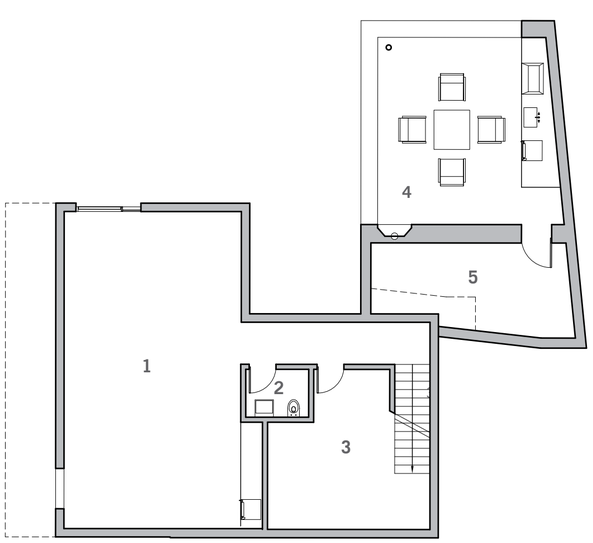
SOUTH ELEVATION
SCALE: 1/16" = 1'-0"



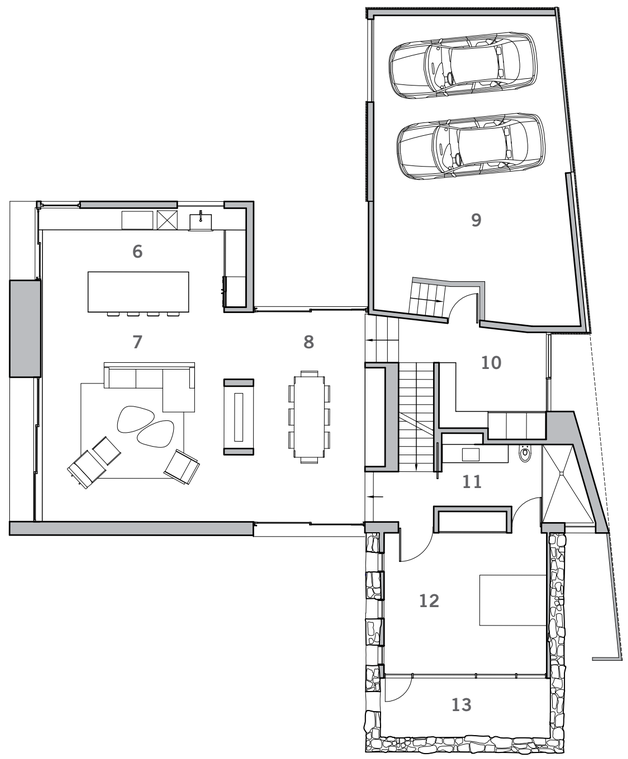
EAST ELEVATION
SCALE: 1/16" = 1'-0"

ROOM LEGEND:

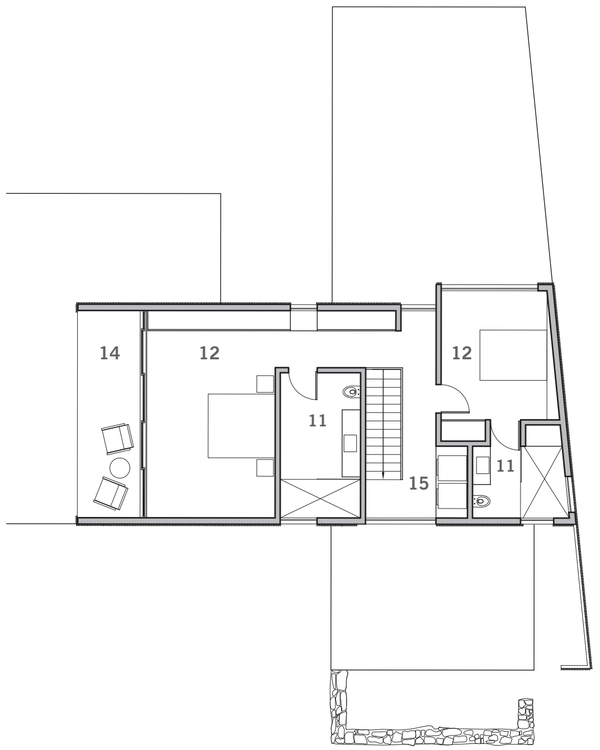
1. BASEMENT
2. POWDER ROOM
3. STORAGE
4. OUTDOOR COVERED PATIO (AT POOL DECK LEVEL)
5. STORAGE/EQUIPMENT
6. KITCHEN
7. LIVING ROOM
8. DINING ROOM
9. GARAGE
10. ENTRY
11. BATHROOM
12. BEDROOM
13. COURTYARD
14. PATIO
15. LAUNDRY



BASEMENT PLAN
SCALE: 3/32" = 1'-0"
692 SQ. FT (FINISHED)
210 SQ. FT (UNFINISHED)



FIRST FLOOR PLAN
SCALE: 3/32" = 1'-0"
1,517 SQ. FT
+ 584 SQ. FT UNFINISHED GARAGE



SECOND FLOOR PLAN
SCALE: 3/32" = 1'-0"
965 SQ. FT

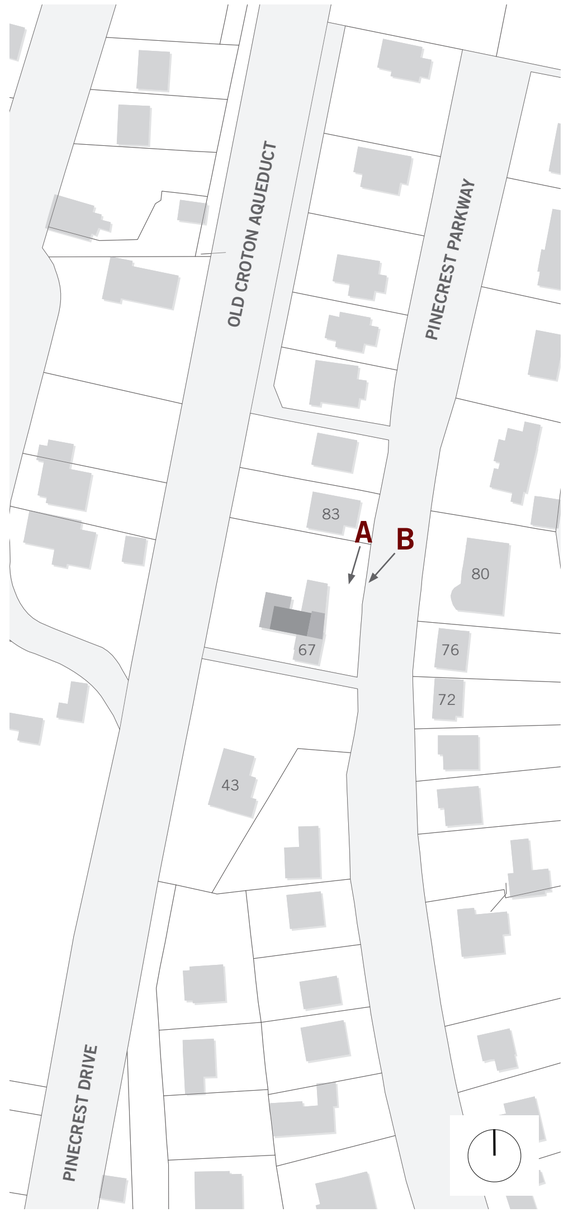
JACOBSCHANG ARCHITECTURE
39 E. 13TH STREET . 4TH FLOOR . NEW YORK, NY 10003 . P: (212) 481-8455

EXISTING: VIEW A
(FROM 83 PINECREST PARKWAY FRONT YARD)

PROPOSED: VIEW A
(FROM 83 PINECREST PARKWAY FRONT YARD)

EXISTING: VIEW B
(FROM STREET FACING SOUTH)

PROPOSED: VIEW B
(FROM STREET FACING SOUTH)

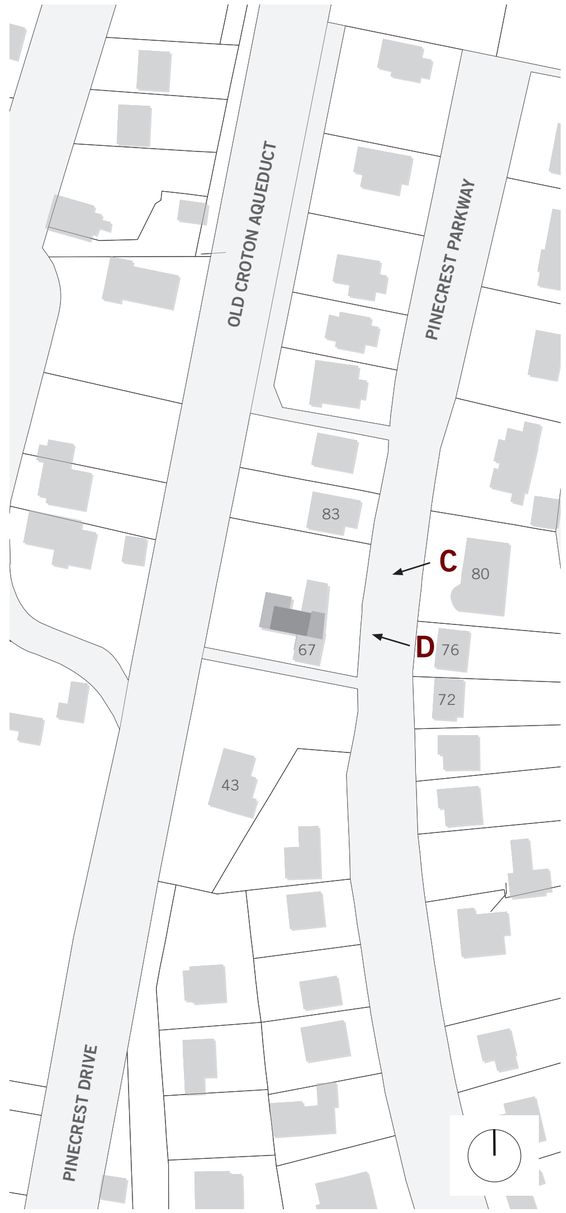


EXISTING: VIEW C
(FROM 80 PINECREST PARKWAY AT FRONT PORCH WINDOW)

PROPOSED: VIEW C
(FROM 80 PINECREST PARKWAY AT FRONT PORCH WINDOW)

EXISTING: VIEW D
(FROM 76 PINECREST PARKWAY FROM FRONT STEPS BELOW FRONT WINDOW)

PROPOSED: VIEW D
(FROM 76 PINECREST PARKWAY FROM FRONT STEPS BELOW FRONT WINDOW)



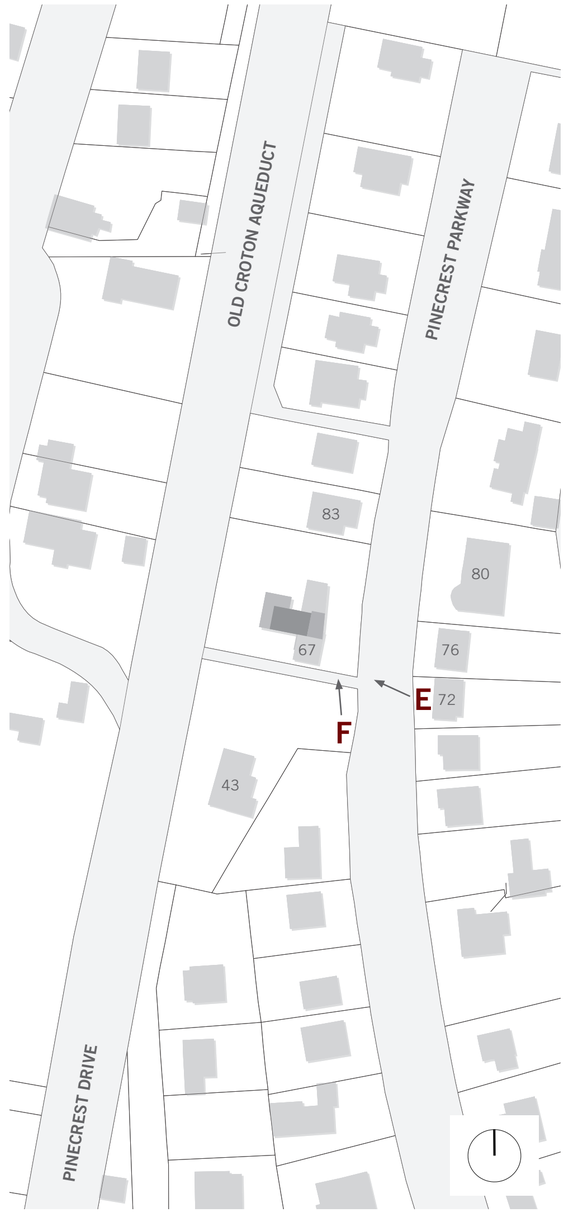
KEY PLAN

EXISTING: VIEW E
(FROM 72 PINECREST PARKWAY, TOP OF FRONT STEPS, BELOW FRONT WINDOWS)

PROPOSED: VIEW E
(FROM 72 PINECREST PARKWAY, TOP OF FRONT STEPS, BELOW FRONT WINDOWS)

EXISTING: VIEW F
(FROM SIDEWALK FACING NORTH)

PROPOSED: VIEW F
(FROM SIDEWALK FACING NORTH)



SURVEY OF
LOTS NUMBERS 66, 67, 68, 69, 70 AND 71 IN PARCEL "A"
AS SHOWN ON A CERTAIN MAP ENTITLED
MAP OF PINECREST ON THE HUDSON
LOCATED AT
VILLAGE OF HASTINGS ON HUDSON
TOWN OF GREENBURGH
WESTCHESTER COUNTY STATE OF NEW YORK.

Said map is filed in the County Clerk's office, Division of Land Records, Westchester County, New York, on July 01, 1909. as Map Number 1867.

SCALE: 1"= 20.0'
Measurement in U.S. Standard.

DATE: OCTOBER 31, 2017.

JOB NUMBER
WCRO1867-P-A-66.

LEGENDS:

C.L.F.	CHAIN LINK FENCE
BLDG.	BUILDING
GV	GAS VALVE
0.4'N	NORTH
DI	DRAINAGE INLET
W.I.F.	WROUGHT IRON FENCE
N/F	NOW OR FORMERLY
O.H.W.	OVER HEAD WIRES
P.O.B.	PT. OF BEGINNING

DO NOT SCALE

ALSO KNOWN AS SECTION 4.100, BLOCK 95, LOTS 32 AND 33 IN THE OFFICIAL TAX MAPS OF TOWN OF GREENBURGH.

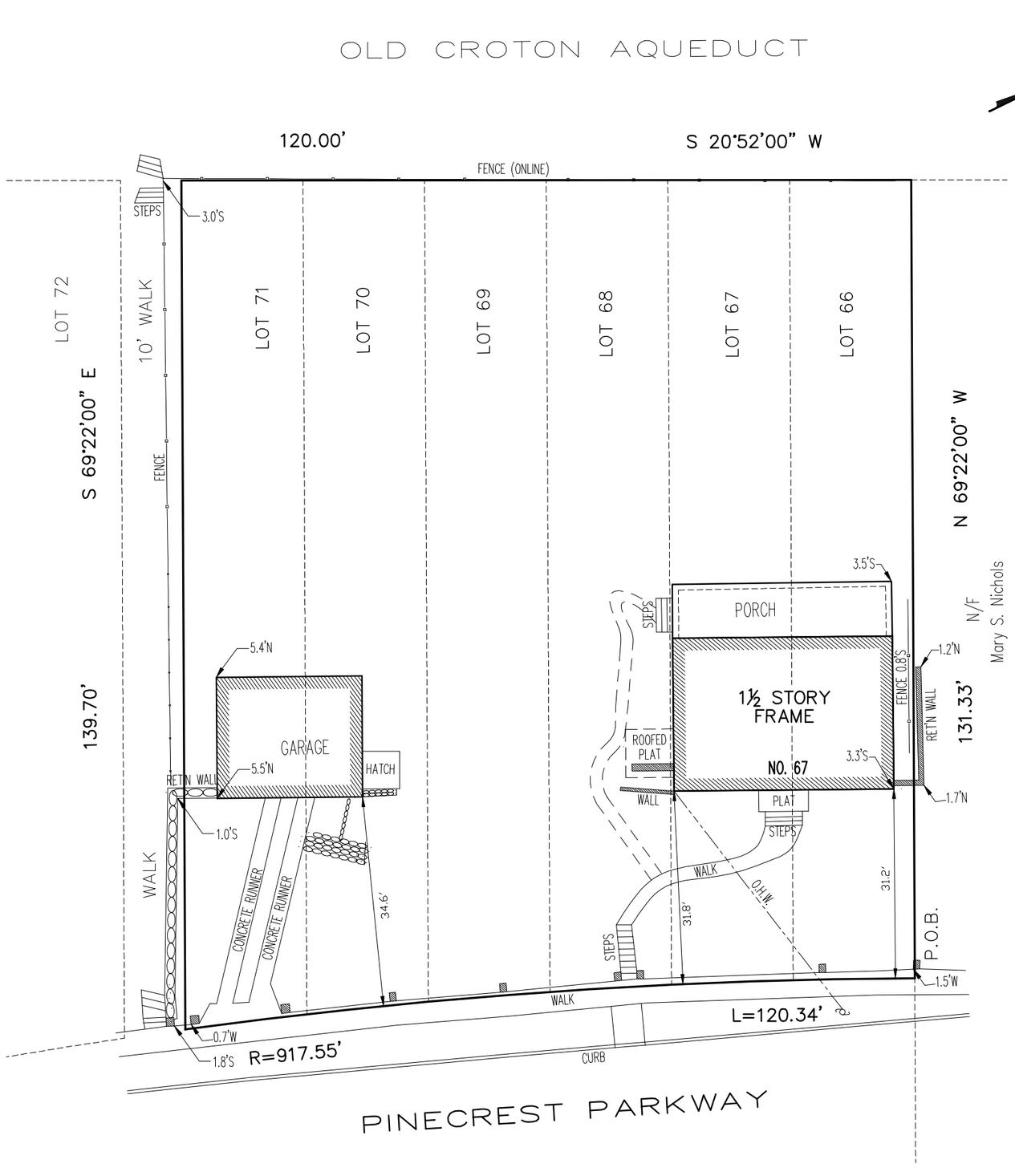
THIS SURVEY WAS PREPARED FOR USE IN DISCLOSING INFORMATION FOR THE TITLE PURPOSE ONLY. THE OFFSETS OR DIMENSIONS SHOWN HEREON ARE FOR A SPECIFIC TITLE PURPOSE ONLY AND ARE NOT INTENDED TO GUIDE IN THE ERECTION OF FENCES, BUILDING WALLS, SWIMMING POOLS, PATIOS, ADDITION TO THE EXISTING BUILDINGS. NO LIABILITY IS ASSUMED BY SUMMIT LAND SURVEYING P.C. FOR ANY USE OF THE DATA FOR CONSTRUCTION OR ANY NEW IMPROVEMENTS. BELOW SURFACE ENCROACHMENTS ARE NOT SHOWN. THE EXISTENCE OF RIGHT OF WAYS AND/OR EASEMENTS OF RECORD, IF ANY, NOT SHOWN HEREON, ARE NOT CERTIFIED.

A TITLE REPORT OF THE SUBJECT PROPERTY WAS NOT PROVIDED, A DEED OF THE SUBJECT PROPERTY WAS PROVIDED.

UNAUTHORIZED ALTERATION OR ADDITIONS TO A SURVEY MAP BEARING A LICENSED LAND SURVEYORS SEAL IS VIOLATION OF 7209, SUB-DIVISION 2, OF NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYORS INKED SEAL OR EMBOSSED SEAL NOT BE CONSIDERED TO BE A TRUE AND VALID COPY.

Certifications indicated are limited only to the person for whom this survey was prepared and on his or her behalf to the title company, governmental agency and lending institution for the title number listed hereon. The certifications are not transferable.

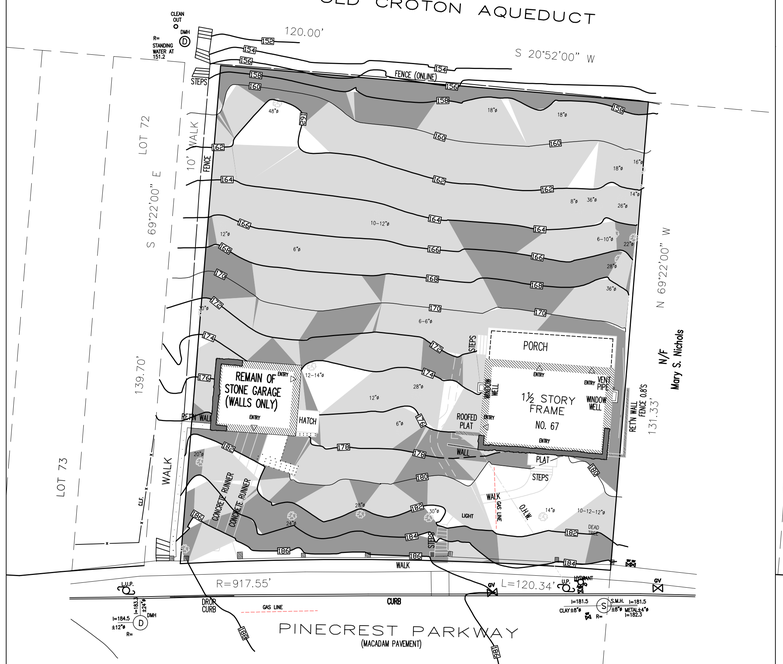
Certified To: Julie Tyson, Old Republic National Title Insurance Company and All New York Title Agency, Inc., for TItle Number ANY2017-3159Z Only.



Summit Land Surveying P.C.
64 Virginia Avenue
Dobbs Ferry NY 10522
(914) 629-7758
Info@summitsurveyingpc.com

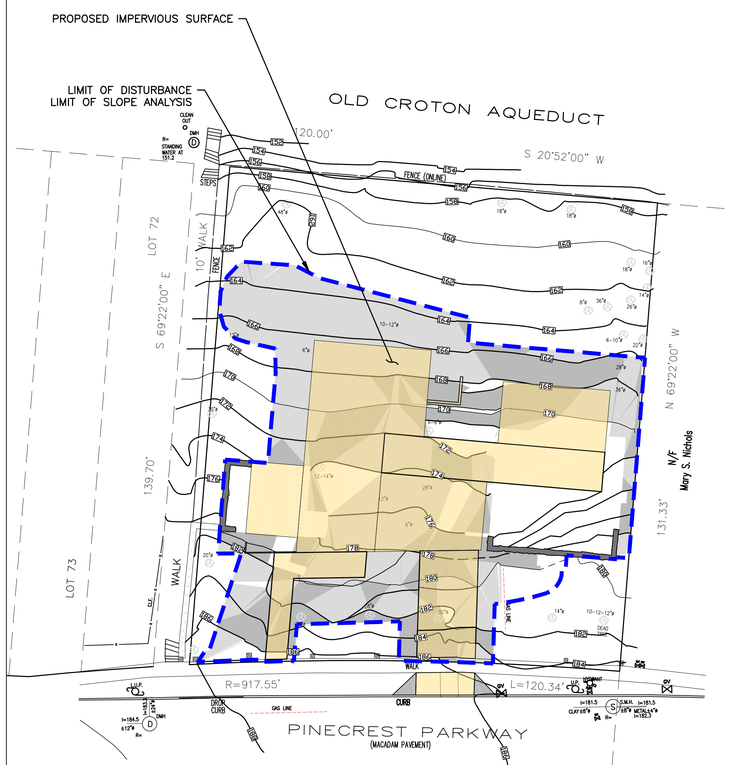
This is to certify that this map and the survey on which it is based were made in accordance with the "Minimum Standard" Detail Requirements for the New York State Association of Land Surveyors.

Rakesh R. Behal, L.S. New York State License Number 050666.



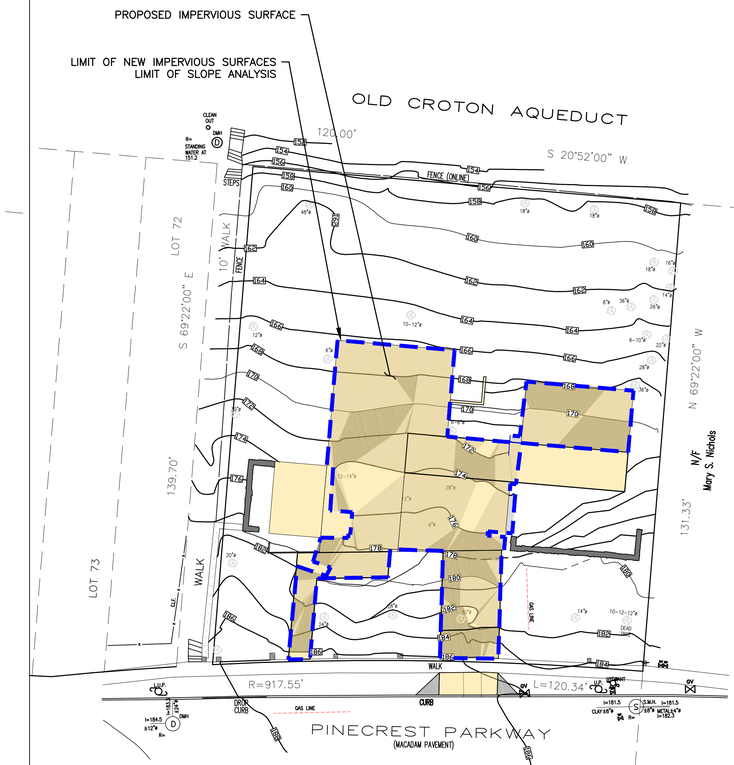
LAYOUT A: EXISTING CONDITION SLOPE ANALYSIS
SCALE: 1" = 20'

Slopes Table				
Number	Minimum Slope	Maximum Slope	Area	Color
1	15.00%	25.00%	8856.60	
2	25.00%	999.00%	3849.60	



LAYOUT B:LIMIT OF DISTURBANCE SLOPE ANALYSIS
SCALE: 1" = 20'

Slopes Table					PERCENT OF EXISTING SLOPE RANGE
Number	Minimum Slope	Maximum Slope	Area	Color	
1	15.00%	25.00%	4486.94		50.6 %
2	25.00%	999.00%	2444.26		63.4 %



LAYOUT C: LIMIT OF NEW IMPERVIOUS SLOPE ANALYSIS
SCALE: 1" = 20'

Slopes Table					PERCENT OF EXISTING SLOPE RANGE
Number	Minimum Slope	Maximum Slope	Area	Color	
1	15.00%	25.00%	2268.68		25.6 %
2	25.00%	999.00%	1198.98		31.1 %

OWNER
LAURA SEQUENZIA AND JULIE TYSON
67 PINECREST PARKWAY
HASTINGS ON HUDSON NY 10706

ARCHITECT
JACOBSCHANG ARCHITECTURE
39 EAST 13TH STREET 4TH FLOOR
NEW YORK NY 10003
P: 212 481 8455
MICHAEL JACOBS CA# C-29962

SURVEYOR
RAKESH BEHAL
64 VIRGINIA AVE
DOBBS FERRY NY 10522

ENGINEER
BADEY & WATSON, SURVEYING AND ENGINEERING, INC.
3063 ROUTE 9
COLD SPRING NY 10516

SEQUENZIA / TYSON RESIDENCE

67 PINECREST PARKWAY
HASTINGS ON HUDSON NY 10706

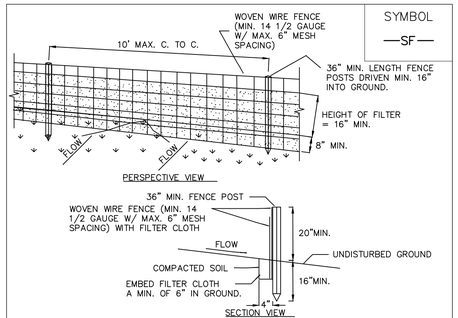
REVISION	DATE	DESCRIPTION
0	03/15/2018	ORIGINAL DWG

SEAL:

SLOPE ANALYSIS

DRAWING NO. 204

C.101



SYMBOL

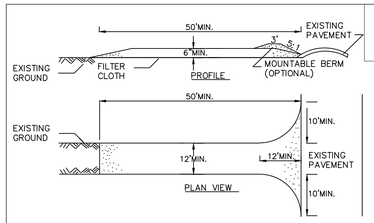
—SF—

CONSTRUCTION SPECIFICATIONS

1. 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.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

SILT FENCE



SYMBOL

CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – 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 – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
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 RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STABILIZED CONSTRUCTION ENTRANCE

CONSTRUCTION SPECIFICATIONS

1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
6. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
7. ALL FILL TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
8. EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
9. FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
11. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
12. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
14. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.

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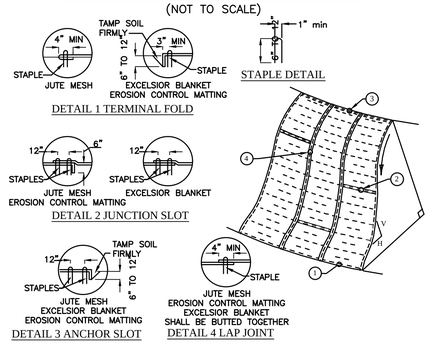
LANDGRADING SPECIFICATIONS

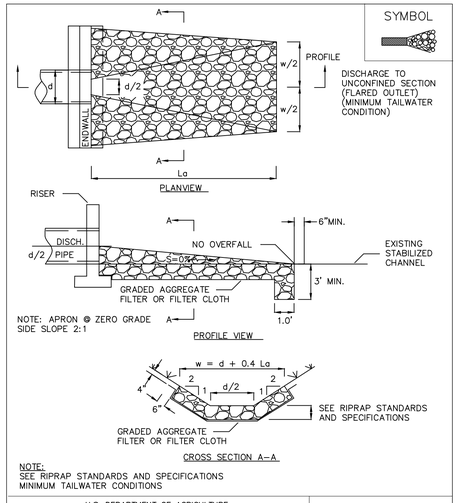
ROLLED EROSION CONTROL DETAIL

(NOT TO SCALE)



CONSTRUCTION SPECIFICATIONS

1. APPLY TO SLOPES GREATER THAN 3H:1V OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
2. APPLY FERTILIZER, LIME AND SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.



NOTE:
SEE RIPRAP STANDARDS AND SPECIFICATIONS
MINIMUM TAILWATER CONDITIONS

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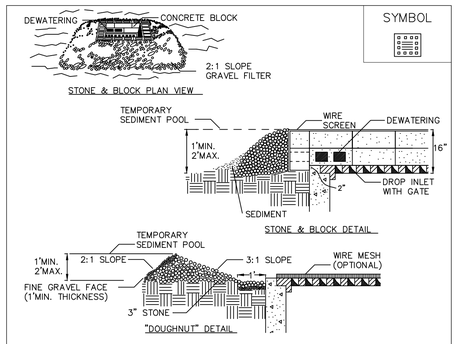
RIPRAP OUTLET PROTECTION



SYMBOL

CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

MAXIMUM DRAINAGE AREA 1 ACRE

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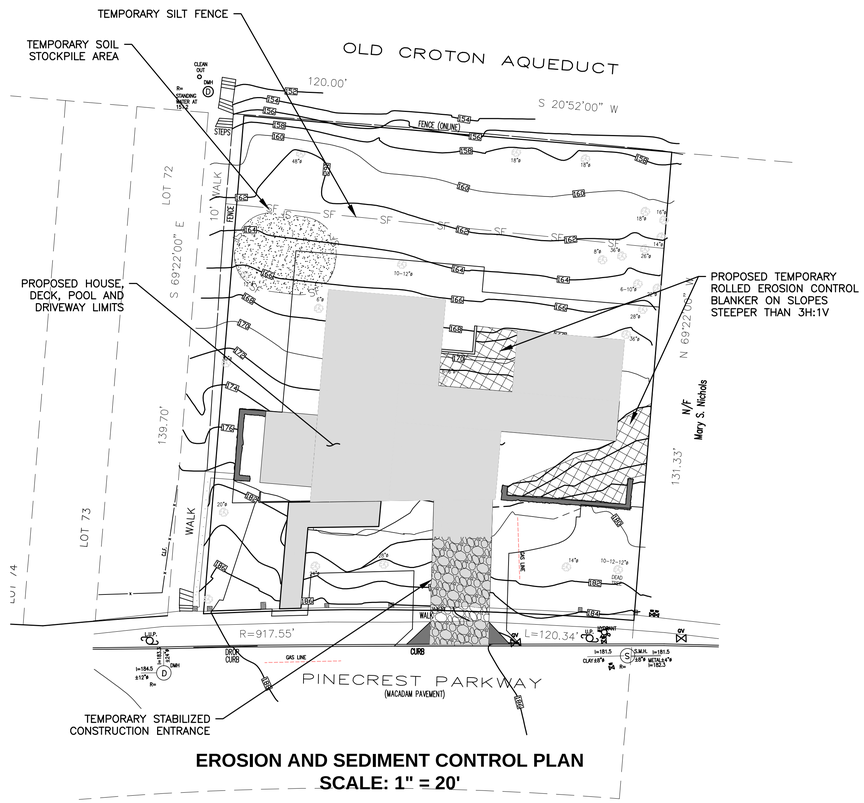
STONE & BLOCK DROP INLET PROTECTION



EROSION AND SEDIMENT CONTROL PLAN
SCALE: 1" = 20'

GOOD HOUSEKEEPING

1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER SUPPLIED BY A WASTE HANDLER THAT IS A LICENSED SOLID WASTE MANAGEMENT COMPANY. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER(S). THE DUMPSTER SHALL BE EMPTIED ON AN AS-NEEDED BASIS AND THE TRASH WILL BE HAULED TO AN APPROVED LANDFILL. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL.
2. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF TWO TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.
3. GOOD HOUSEKEEPING AND SPILL CONTROL PRACTICES WILL BE FOLLOWED DURING CONSTRUCTION TO MINIMIZE STORMWATER CONTAMINATION FROM PETROLEUM PRODUCTS, FERTILIZERS, PAINTS, AND CONCRETE. TO PREVENT STORMWATER CONTAMINATION FROM THE SITE, GOOD HOUSEKEEPING PRACTICES ARE LISTED BELOW:

- FERTILIZERS WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER, UNLESS SPECIFIED OTHERWISE BY THE ENGINEER AND WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER.
- FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS.
- A COVERED DUMPSTER WILL BE USED FOR ALL WASTE MATERIALS.
- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN-UP WILL BE KEPT IN THE TEMPORARY MATERIAL STORAGE TRAILER ON-SITE. EQUIPMENT WILL INCLUDE BUT NOT BE LIMITED TO: BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, FAST ABSORBENT MATERIAL, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS.
- CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.
- WHEN TESTING/CLEANING OF WATER SUPPLY LINES, THE DISCHARGE FROM THE TESTED PIPE WILL BE COLLECTED AND CONVEYED TO A COMPLETED STORMWATER COLLECTION SYSTEM.
- A STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED TO REDUCE VEHICLE TRACKING OF SEDIMENT.
- DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.
- ALL RUTS CAUSED BY EQUIPMENT USED FOR SITE CLEARING AND GRADING WILL BE ELIMINATED BY RE-GRADING.

4. VEHICLE MAINTENANCE – ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. ANY VEHICLE LEAKING FUEL OR HYDRAULIC FUEL WILL BE IMMEDIATELY SCHEDULED FOR REPAIRS AND USE WILL BE DISCONTINUED UNTIL REPAIRS ARE MADE.
5. SPILL PREVENTION AND RESPONSE – THE FOLLOWING CONTROLS AND PROCEDURES SHALL BE USED TO MINIMIZE THE POTENTIAL FOR LEAKS, SPILLS AND OTHER RELEASES:

- PERSONNEL WILL BE MADE AWARE OF EMERGENCY TELEPHONE NUMBERS.
- THE OWNER/OPERATOR AND OR CONTRACTOR SHALL IMMEDIATELY CONTACT NYSDEC IN THE EVENT OF A SPILL, AND SHALL TAKE ALL APPROPRIATE STEPS TO CONTAIN THE SPILL, INCLUDING CONSTRUCTION OF A DIKE AROUND THE SPILL AND PLACING ABSORBENT MATERIAL OVER THIS SPILL.
- THE OWNER/OPERATOR AND OR CONTRACTOR SHALL INSTRUCT PERSONNEL THAT SPILLAGE OF FUELS, OILS, AND SIMILAR CHEMICALS MUST BE AVOIDED.
- OILS, AND CHEMICALS WILL BE STORED IN APPROPRIATE AND TIGHTLY CAPPED CONTAINERS. CONTAINERS SHALL NOT BE DISPOSED OF ON THE PROJECT SITE.
- OILS, CHEMICALS, MATERIAL, EQUIPMENT, AND SANITARY FACILITIES WILL BE STORED/LOCATED AWAY FROM TREES AND AT LEAST 100 FEET FROM STREAMS, WELLS, WET AREAS, AND OTHER ENVIRONMENTALLY SENSITIVE SITE.
- DISPOSE OF CHEMICAL CONTAINERS AND SURPLUS CHEMICALS OFF THE PROJECT SITE IN ACCORDANCE WITH LABEL DIRECTIONS AND LEGAL REQUIREMENTS.
- USE TIGHT CONNECTIONS AND HOSES WITH APPROPRIATE NOZZLES IN ALL OPERATIONS INVOLVING FUELS.
- USE FUNNELS WHEN POURING FUELS, LUBRICATING MATERIALS OR CHEMICALS.
- REFUELING OF CONSTRUCTION EQUIPMENT WILL TAKE PLACE IN PARKING AREAS TO PROVIDE RAPID RESPONSE TO EMERGENCY SITUATIONS.
- PETROLEUM SPILLS AND MOST HAZARDOUS MATERIALS SPILLS MUST BE REPORTED TO THE NYS DEC HOTLINE (1-800-457-7362), UNLESS THEY MEET ALL OF THE FOLLOWING CRITERIA:

  THE SPILL IS KNOWN TO BE LESS THAN 5 GALLONS; AND

  THE SPILL IS CONTAINED AND UNDER THE CONTROL OF THE SPILLER; AND

  THE SPILL HAS NOT AND WILL NOT REACH THE STATE'S WATER OR ANY LAND; AND

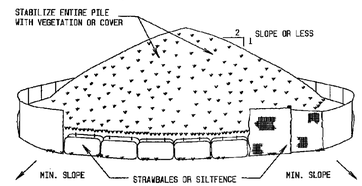
  THE SPILL IS CLEANED UP WITHIN 2 HOURS OF DISCOVERY.

- SPILLS SHALL ALSO BE REPORTED TO THE LOCAL AUTHORITIES, IF REQUIRED. FOR SPILLS NOT DEEMED REPORTABLE, THE FACTS CONCERNING THE INCIDENT SHALL BE DOCUMENTED BY THE SPILLER, AND A RECORD MAINTAINED FOR ONE YEAR.

EROSION & SEDIMENT CONTROL NOTES

1. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE TEMPORARY STRUCTURAL SEDIMENT CONTROLS (SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE, ETC.) FOR THE ANTICIPATED WORK MUST BE INSTALLED.
2. THE LIMITS OF LAND DISTURBANCE MUST BE PHYSICALLY MARKED ON-SITE WITH ORANGE CONSTRUCTION FENCE. SILT FENCE MUST BE INSTALLED ON-CONTOUR AND SHALL NOT BE USED TO DELINEATE THE LIMIT OF CONTRACT, OR PROPERTY LINE.
3. MASS CLEARINGS AND GRADING MUST BE AVOIDED. CLEAR AND GRUB ONLY WHAT IS REQUIRED FOR IMMEDIATE CONSTRUCTION ACTIVITY.
4. EXPOSED SOILS ANTICIPATED TO REMAIN IDLE FOR MORE THAN FOURTEEN (14) DAYS SHALL BE IMMEDIATELY STABILIZED WITH TEMPORARY SEED AND MULCH.
5. WHEREVER POSSIBLE, NATURAL VEGETATION IS TO BE PROTECTED BY LIMITING THE CLEARING AND GRUBBING OPERATION, AS WELL AS RESTRICTING CONSTRUCTION EQUIPMENT TO THE WORK AREA.
6. WHERE FEASIBLE, LARGE TREES TO BE PRESERVED SHALL BE FENCED OFF SO THAT THE ROOT SYSTEM AND OVERHANGING BRANCHES ARE PROTECTED FROM CONSTRUCTION EQUIPMENT.
7. OFF-SITE RUNOFF SHOULD BE DIVERTED FROM HIGHLY ERODIBLE SOILS AND STEEP SLOPES TO STABLE AREAS WITH TEMPORARY DIKES AND/OR SWALES.
8. PERMANENT SEEDING SHOULD OPTIMALLY BE UNDERTAKEN IN THE SPRING FROM MARCH THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL FROM SEPTEMBER TO OCTOBER 15. PERMANENT SEEDING MAY BE UNDERTAKEN DURING THE SUMMER, PROVIDING AN ADEQUATE WATERING SCHEDULE IS MAINTAINED.
9. DURING THE PEAK SUMMER MONTHS AND IN THE FALL AFTER OCTOBER 15, WHEN SEEDING IS OTHERWISE FOUND TO BE IMPRACTICABLE, AN APPROPRIATE TEMPORARY MULCH SHALL BE APPLIED. TEMPORARY SEEDING WITH RYE CAN BE UTILIZED THROUGH NOVEMBER.
10. ALL SLOPES STEEPER THAN 3H:1V AS WELL AS PERIMETER DIKES, SEDIMENT BASINS OR TRAPS, AND EMBANKMENTS SHALL, UPON COMPLETION, BE IMMEDIATELY STABILIZED WITH SOD, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES (RECP).
11. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. AREAS OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM SHALL NOT BE DISTURBED.
12. AREAS WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED SHALL BE DRESSED WITH A MINIMUM OF 4 INCHES OF TOPSOIL. COMPACTED SUB-SOILS SHALL BE DISKED OR TILLED PRIOR TO PLACEMENT OF TOPSOIL. SURFACE SHALL BE RAKED SMOOTH, REMOVING STICKS, FOREIGN MATTER, AND STONES OVER 1" IN DIAMETER.
13. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20%. IT SHALL HAVE NOT LESS THAN 20% OF MATERIAL PASSING THE NO. 200 SIEVE, AND NOT MORE THAN 15% CLAY. IT SHALL BE RELATIVELY FREE OF STONES OVER 1-1/2" INCHES IN DIAMETER, TRASH, NOXIOUS WEEDS, AND SHALL HAVE LESS THAN 10% GRAVEL.
14. SEEDING FOR TEMPORARY STABILIZATION OR IN PREPARATION OF WINTER SHUTDOWN SHALL BE APPLIED AT THE FOLLOWING RATE AND SCHEDULE: SPRING OR SUMMER OR EARLY FALL, USE RYEGRASS AT 30 LBS PER ACRE. LATE FALL OR EARLY WINTER, USE WINTER RYE AT 100 LBS PER ACRE.
15. PERMANENT SEEDING FOR FINAL STABILIZATION SHOULD BE APPLIED EITHER FROM SPRING-THAW TO MID-MAY OR MID-AUGUST TO EARLY OCTOBER WITH A 65/20/15 MIX OF KENTUCKY BLUEGRASS/PERENNIAL RYEGRASS/FINE FESCUE AT 160 LBS. PER ACRE. IF SEEDING IS DONE BETWEEN MID-MAY AND MID-AUGUST, IRRIGATION MAY BE REQUIRED FOR TO ACHIEVE FINAL STABILIZATION.
16. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL SEEDED AREAS, TEMPORARY OR PERMANENT, AT A RATE OF 2 TONS PER ACRE (OR 3 BALES PER 1,000 SQ FT).
17. WHEN SPECIFIED, ROLLED EROSION CONTROL BLANKET SHALL BE STRAW BIODEGRADABLE DOUBLE-NET BLANKET (EBX-S2 NN) AS MANUFACTURED BY CARTHAGE MILLS, SHALL BE PROVIDED ON ALL FINAL GRADES STEEPER THAN 1 VERTICAL OVER 3 HORIZONTAL (UP TO 2H:1V).
18. WHEN SPECIFIED, INLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH CATCH BASIN INSTALLATION. IN THE SAME MANNER, ROCK OUTLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH PIPE DISCHARGE INSTALLATION.
19. EROSION AND SEDIMENT CONTROL PRACTICES WITHIN THE ACTIVE WORK AREA SHALL BE INSPECTED DAILY TO ENSURE THAT THEY ARE BEING MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES.
20. IN AREAS WHERE SOIL DISTURBACE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CREASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED.
21. DISCHARGES FROM DEWATERING ACTIVITIES, INCLUDING DISCHARGES FROM DEWATERING OF TRENCHES AND EXCAVATIONS, MUST BE MANAGED BY APPROPRIATE CONTROL MEASURES.
22. STABILIZED CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED SO AS TO PREVENT THE TRACKING OF SEDIMENT OFF-SITE. SEDIMENT TRACKED ONTO PAVED RIGHTS-OF-WAY SHALL BE SWEPT CLEAN AT THE END OF EACH WORK DAY.
23. SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT BECOMES 6" DEEP AT THE FABRIC. SILT FENCE SHALL BE REPLACED WHEN FABRIC BECOMES RIPPED OR FRAYED.
24. SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPPING DEVICES WHEN ACCUULATION REACHES 50% OF DESIGN CAPACITY. STONE SHALL BE CLEANED OR REPLACED WHEN SEIDMENT POOL NO LONGER DRAINS PROPERLY.

Soil Stockpiling



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.
4. SEE SILT FENCE DETAIL FOR INSTALLATION OF SILTFENCE.

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REVISION	DATE	DESCRIPTION
0	03/15/2018	ORIGINAL DWG

SEAL:

EROSION AND SEDIMENT CONTROL PLAN,NOTES AND DETAILS

C.102