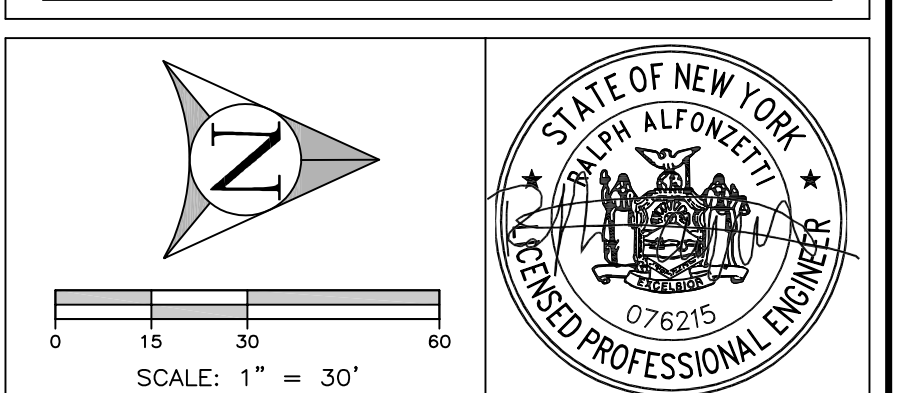


NOTE: PROPOSED FIRE HYDRANT TO MEET VILLAGE OF CROTON-ON-HUDSON HYDRANT SPECIFICATIONS.

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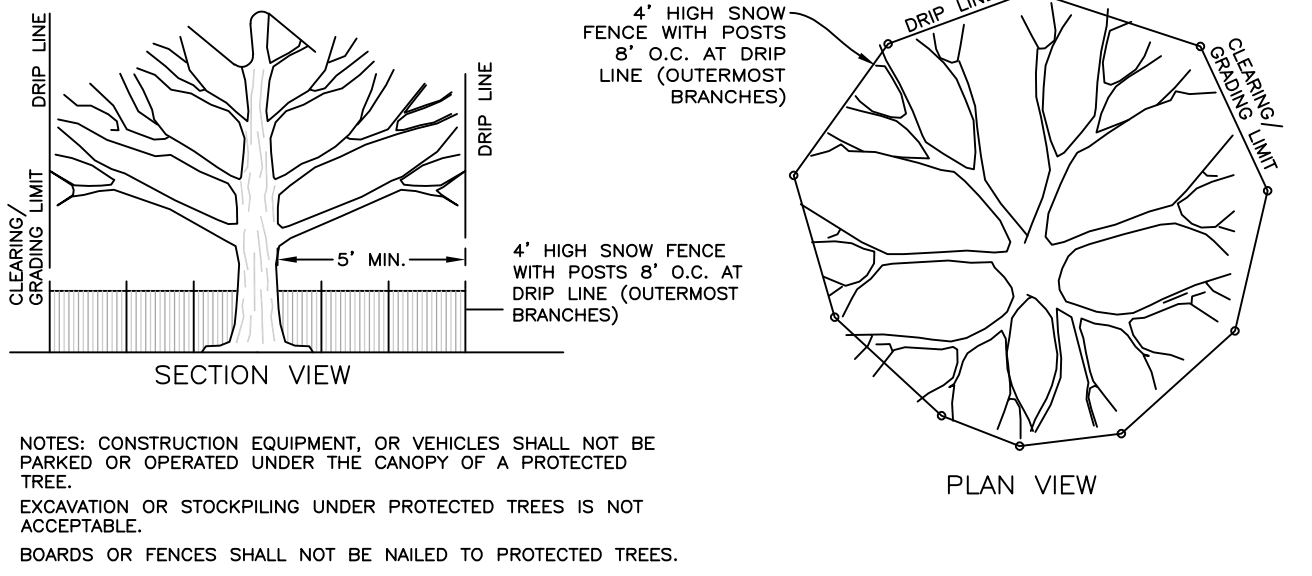


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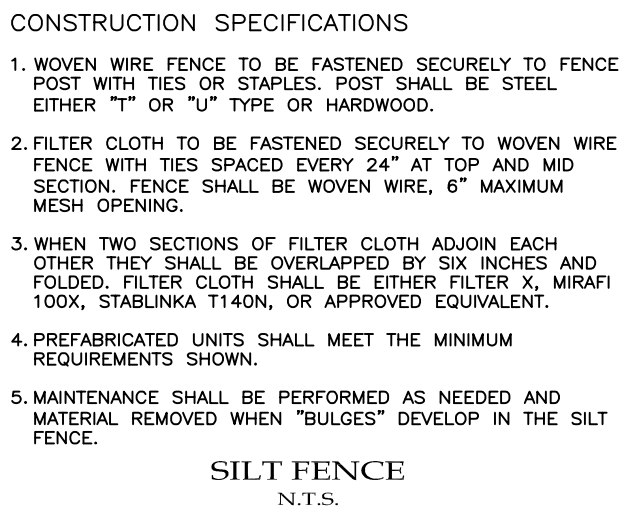
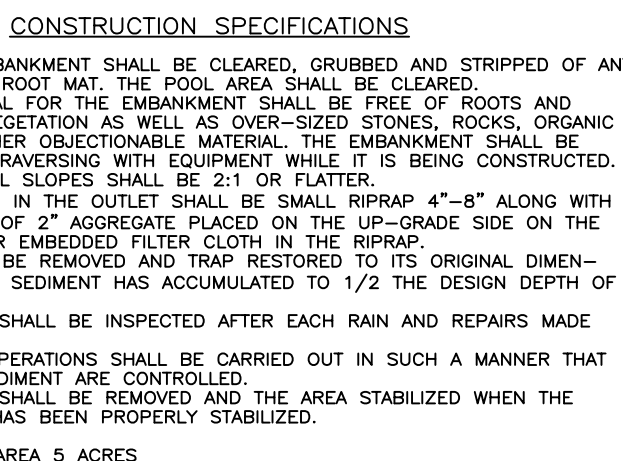
SITE DATA
OWNER/APPLICANT: MATRA GROUP, LLC
SITE ADDRESS: 1380 ALBANY POST ROAD, CROTON ON HUDSON, NY
TAX MAP #: 67.10-2-14
LOT AREA: 1.618 AC
ZONING: O-1 (LIMITED OFFICE)
NEED (NORTH END)
DRAWING: PROPOSED GRADING AND UTILITY PLAN
SEPTEMBER 10, 2021
PROJECT: 1380 ALBANY POST ROAD PROPOSED DEVELOPMENT
CROTON ON HUDSON, WESTCHESTER COUNTY, NEW YORK

REVISIONS:
REVISOR: OCTOBER 18, 2022
REVISOR: SEPTEMBER 14, 2022
REVISOR: SEPTEMBER 6, 2022
REVISOR: JUNE 27, 2022
REVISOR: NOVEMBER 1, 2021

SHEET: 02 OF 04



EROSION CONTROL PLAN

STONE OUTLET SEDIMENT TRAP ST-IV
NTSSTONE OUTLET SEDIMENT TRAP ST-IV
NTS

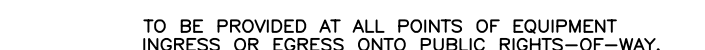
1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL SEDIMENT AND EROSION CONTROL PRACTICES. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE SUBMITTED PRIOR TO ANY MAJOR SOIL DISTURBANCES, AND MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT CONSTRUCTION PERIOD OR UNTIL PERMANENT RESTORATION IS ESTABLISHED.
2. PRIOR TO ANY EXCAVATION, SILT FENCE SHALL BE INSTALLED AT THE LOCATIONS NOTED ON THE EROSION CONTROL PLAN. SILT FENCING SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT CONSTRUCTION PERIOD. WATER IN THE FIELD, SILT FENCING SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT CONSTRUCTION PERIOD. UNDISTURBED AREAS ARE THOROUGHLY STABILIZED.
3. INSTALL ANTI-TRACKING PAD AT ALL CONSTRUCTION ENTRANCES. ANTI-TRACKING PAD SHALL BE 2'-3" DIAMETER CRUSHED STONE 6" DEEP.
4. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE CONTRACTOR SHALL MONITOR SEDIMENT CONTROL STRUCTURES THAT DO NOT RESULT IN ADDITIONAL EROSION OR POLLUTION. ALL DAMAGED SEDIMENT CONTROL STRUCTURES SHALL BE REPAIRED ON A REGULAR BASIS, AND IMMEDIATELY AFTER EACH RAINFALL TO PREVENT ADDITIONAL EROSION. WHENEVER ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
5. ALL TOPSOIL REQUIRED FOR FINAL GRADING AND STORED ON SITE SHALL BE LIMED, FERTILIZED, TEMPORARILY SEEDED AND MULCHED. STOCKPILE MATERIALS ON STEEP SLOPES, IN DRAINAGE SWALES OR IN WETLAND AREAS. SURROUND ALL STOCKPILE AREAS WITH

THE PROPOSED DEVELOPMENT IS PROPOSED TO BE CONSTRUCTED IN 1 PHASE. THE CONSTRUCTION WILL BE IN A SEQUENCE THAT WILL MINIMIZE THE POTENTIAL FOR EROSION. CONSTRUCTION IS ANTICIPATED TO BEGIN IN THE FALL OF 2021 AND BE COMPLETED IN APPROXIMATELY 18 MONTH TIME FRAME.

THE GENERAL SEQUENCE OF CONSTRUCTION IS AS FOLLOWS:
ACCESS, STAGING AREA, DRAINAGE, STORMWATER BASINS.

- PRE-CONSTRUCTION MEETING, STAKEOUT, EROSION CONTROL MEASURES, CLEARING

- A PRE-CONSTRUCTION MEETING WILL TAKE PLACE WITH THE TOWN ENGINEER, NYCDOT STAFF, APPLICANT, APPLICANT'S REPRESENTATIVE, AND COMMISSIONERS OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
- THE INITIAL FIELDWORK SHALL CONSIST OF SURVEYING AND STAKING FOR THE PROPOSED LIMITS AND EROSION CONTROL LIMITS.
- THE PLACEMENT OF A CONSTRUCTION TRAILER AND/OR FIELD OFFICE AND CONSTRUCTION STAGING AREA, IF NECESSARY, SHALL COMMENCE.
- THE AREA TO BE PRESERVED WITHIN THE DISTURBANCE LIMITS SHALL BE MARKED AND PROTECTED PRIOR TO THE START OF CLEARING OPERATIONS.
- THE EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE TOWN ENGINEER FOR CONTROL PLAN AND AS PER THE RESPECTIVE EROSION CONTROL DETAILS.
- THE EROSION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO THE START OF SILT FENCE AND HAYBALES, WHERE INDICATED, SHALL BE INSTALLED.
- THE EROSION CONTROL STRUCTURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION TRACES.
- TREES TO BE REMOVED SHALL BE CUT AT THIS TIME.
- THE TRUMP STUMPS SHALL BE REMOVED AT THIS TIME. TRUMP REMOVAL SHALL ONLY INCLUDE STUMPS WITHIN THE IMMEDIATE WORK AREA. SILT FENCE REMOVED BY THE CONTRACTOR SHALL BE REPLACED PRIOR TO THE START OF THE SEPTIC SYSTEM SHALL BE CORDED OFF AND PROTECTED FROM ANY FURTHER DISTURBANCE AT THIS TIME.
- **EARTHWORK**
 - 1. CLEAR AND GRUB IN THE AREA OF THE SEDIMENT TRAPS.
 - 2. INSTALL SEDIMENT TRAPS, INSTALL STRAW BALES OR SILT FENCE FOR TEMPORARY EROSION STOPPING.
 - 3. INSTALL THE STRAW OR HAY BALES UPSTREAM OF SITE AND TEMPORARY DIVERSION SWALES.
 - 4. CLEAR GRUB FOR REMAINING WORK AREA.
 - 5. SLOTTING AND STOPPING OCCUR AT THIS TIME.
 - 6. THE EROSION CONTROL STRUCTURES, SUCH AS SILT FENCE AND HAYBALES HAVE ALL BEEN INSTALLED EARTHWORK OPERATIONS SHALL BEGIN.
 - 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SLOTTING PRIOR TO ANY BLASTING. THE CONTRACTOR SHALL APPLY FOR AND SECURE ALL NECESSARY PERMITS NECESSARY FOR BLASTING.
 - 8. A WATER TRUCK WILL BE AVAILABLE DURING DRY TIMES TO REDUCE AIRBORNE DUST.
- **BUILDING CONSTRUCTION/GRADING/DRAINAGE/SEPTIC SYSTEM/UTILITY INSTALLATION**
 - 1. AS THE GRADE RENEWS FINISHED FORM, THE BUILDING/EXCAVATION FOR THE FOUNDATION ROUGH GRADING OPERATIONS ARE COMPLETED.
 - 2. THE BUILDING'S SUPERSTRUCTURE CONSTRUCTION BEGINS ONCE THE FOUNDATION HAS BEEN COMPLETED.
 - 3. UTILITIES SUCH AS DRAINAGE, SEPTIC SYSTEM, AND ELECTRIC ALONG WITH OTHERS, AS REQUIRED, SHALL BE INSTALLED, BACKFILLED AND COMPACTED.
 - 4. AS THE DRAINAGE SYSTEM IS INSTALLED, IT SHALL BE PROTECTED TO PREVENT DAMAGE. EROSION DOES NOT ENTER THE SYSTEM, DRAIN INLETS AND CATCH BASINS SHALL BE RAISED APPROXIMATELY 3" ABOVE FINISHED GRADE.
 - 5. THE PERMANENT STORMWATER BASIN/POND SHALL BE INSTALLED AND PROTECTED FROM EROSION AND OTHER DAMAGE.
 - 6. THE APPROPRIATE PROPOSED UTILITY SERVICES ARE INSTALLED TO THE PROPOSED BUILDING.
 - 7. AFTER THE ROUGH GRADING OPERATIONS ARE COMPLETED, FINAL GRADING WILL COMMENCE AND BINDER COURSE WILL BE INSTALLED. AFTER BINDER COURSE IS INSTALLED, LANDSCAPING SHALL BE COMPLETED TO THE SURFACE SILT PROTECTION.
 - 8. SEEDING, SOILING, AND OTHER SOIL STABILIZING LANDSCAPING MAY BE INSTALLED.
- **STABILIZATION**
 - 1. SEDIMENT FROM THE TEMPORARY SEDIMENT TRAP(S) SHALL BE REMOVED AND DISPOSED OF IN A LAWFUL MANNER. THE STORMWATER BASIN/POND SHALL BE PROTECTED TO PREVENT EROSION.
 - 2. THE PERMANENT STORMWATER BASIN/POND SHALL BE LANDSCAPED WITH SPECIFIED PLANTS.
 - 3. ROUTING OF PARKING AREAS SHALL BE NOVED WITH TOP COURSE AND STRIPPED AS HEAVY EQUIPMENT IS BE LONGER REQUIRED ONSITE.
- **REMOVAL OF EROSION CONTROL DEVICES**
 - 1. AS AREAS ARE STABILIZED, SEDIMENT SHALL BE REMOVED AND EROSION CONTROL DEVICES SHALL BE REMOVED.
 - 2. FINAL STABILIZATION FOR VEGETATED AREAS REQUIRES AT LEAST 80% VEGETATIVE COVER. ALL DRAINAGE STRUCTURES SHALL BE INSPECTED AND CLEAN AS NECESSARY.



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 RESIDE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. WIDTH - AS REQUIRED, BUT NOT LESS THAN 24 INCHES.
4. WIDTH - 25 FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS OF CONSTRUCTION ENTRANCE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
6. RESIDE LOT - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF NOT PERMITTED, THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. EQUIPMENT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING AND REPAIR AND/OR CLEANUP OF ANY MEASURES REQUIRED TO MAINTAIN THE ENTRANCE SHALL BE THE RESPONSIBILITY OF THE TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO EXITING THE CONSTRUCTION SITE. WASHING SHALL BE PROVIDED FOR ALL TRACKING SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS AWAY FROM THE ROAD SURFACE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER

A perspective diagram of a structure made of straw bales. The structure has a flat top and sloped sides. The top surface is labeled 'STABILIZE ENTIRE PILE WITH VEGETATION OR COVER' with arrows pointing to the top. The front face is labeled 'STRAWBALES OR GIN TECHNIC' with an arrow pointing to the bales. The left side slope is labeled 'MIN SLOPE' with an arrow. The right side slope is labeled 'MIN SLOPE' with an arrow. A small square on the right side is labeled '2' and '1 SLOPE OR LESS' with an arrow pointing to it.

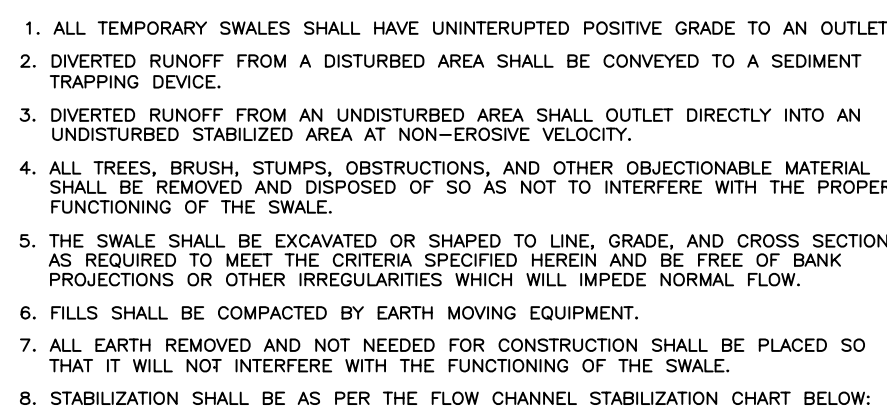
TO BE USED WHERE TOPSOIL PRESERVATION IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS. TOPSOIL IS APPLIED TO SUBSOILS THAT ARE DROUGHTY (HAVING LOW AVAILABLE MOISTURE FOR PLANTS), STONY, SALTY, HAVE LOW PERMEABILITY, OR ARE EXTREMELY ACID. IT IS ALSO USED TO BACKFILL AROUND SHRUB AND TREE TRANSPLANTS.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

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.

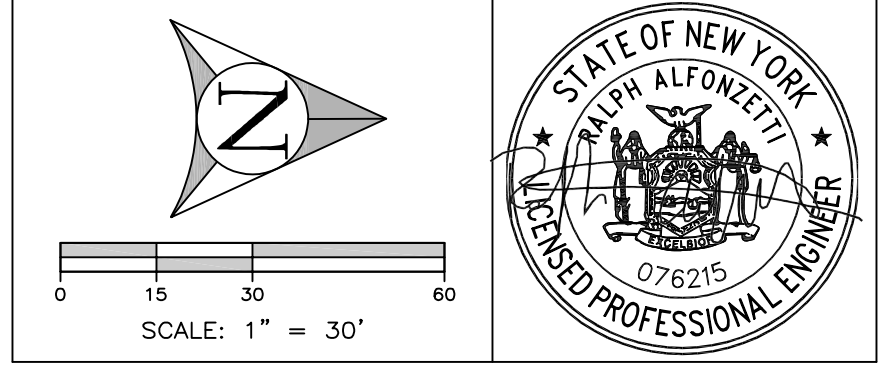
SEDIMENT TRAP 1 SIZING		
	REQUIRED	PROPOSED
DRAINAGE AREA 1	5 AC. MAX	0.997 AC.
STORAGE REQUIRED	3600 C.F./AC. = 3,589.88 C.F.	3,590 C.F.

	REQUIRED	PROPOSED
DRAINAGE AREA 2	5 AC. MAX	0.709 AC.
STORAGE REQUIRED	3600 C.F./AC. =2,551.61 C.F.	2,577 C.F.



TEMPORARY SWALE DETAIL
N.T.S.

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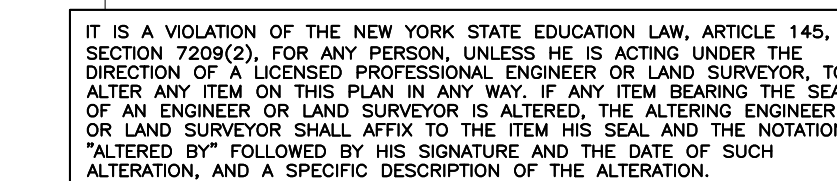


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SITE ADDRESS: 1380 ALBANY POST ROAD, CROTON ON HUDSON, NY	
TAX MAP #: 67.10-2-14 67.10-2-15	

LOT AREA: 1.618 AC	REVISED: OCTOBER 18, 2022
ZONING:	REVISED: SEPTEMBER 16, 2022
O-1 (LIMITED OFFICE)	REVISED: SEPTEMBER 6, 2022
NEGD (NORTH END)	REVISED: JUNE 27, 2022
	REVISED: NOVEMBER 1, 2021

PROJECT: 1380 ALBANY POST ROAD
PROPOSED DEVELOPMENT
CROTON ON HUDSON, WESTCHESTER COUNTY, NEW YORK



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<p>SITE DATA</p> <p>OWNER/APPLICANT: MATRA GROUP LLC</p> <p>SITE ADDRESS: 1300 ALBANY POST ROAD, CRONON ON HUDSON, NY</p> <p>TAX MAP #: 67.10-2-14 67.10-2-15</p> <p>LOT AREA: 1.618 AC</p> <p>ZONING: O-1 (LIMITED OFFICE) NEED (NORTH END)</p> <p>DRAWING:</p>		<p>REVISED: OCTOBER 18, 2022</p> <p>REVISED: SEPTEMBER 16, 2022</p> <p>REVISED: SEPTEMBER 6, 2022</p> <p>REVISED: JUNE 27, 2022</p> <p>REVISED: NOVEMBER 1, 2021</p>
<p>SITE DETAILS</p> <p>JANUARY 21, 2021</p>		<p>SHEET: 04 OF 04</p>

PROJECT: 1380 ALBANY POST ROAD
PROPOSED DEVELOPMENT
CROTON ON HUDSON, WESTCHESTER COUNTY, NEW YORK