

<u>GENERAL</u>

THE CONTRACTOR SHALL SCHEDULE AND CONDUCT HIS OPERATIONS TO MINIMIZE EROSION OF SOIL AND PREVENT SILTING AND MUDDYING OF STREAMS, RIVERS, IRRIGATION SYSTEMS AND PERFORMANCE OF THEIR CONTRACT WORK WHICH WILL CONTRIBUTE TO THE CONTROL OF EROSION AND SEDIMENTATION SHALL BE CARRIED OUT IN CONJUNCTION WITH EARTHWORK OPERATIONS OR AS SOON THEREAFTER AS PRACTICABLE. THE AREA OF BARE SOIL EXPOSED AT ANY ONE TIME BY CONSTRUCTION OPERATIONS SHALL BE KEPT TO A MINIMUM.

PRIOR TO A SUSPENSION OF CONSTRUCTION OPERATIONS FOR A PERIOD OF 14 DAYS OR MORE, ANY AREA THAT HAS BEEN DISTURBED AND LEFT EXPOSED SHALL RECEIVE TEMPORARY STABILIZATION.

WHEN BORROWED MATERIAL IS OBTAINED FROM OTHER THAN COMMERCIALLY OPERATED SOURCES, EROSION OF THE BORROW SITE SHALL BE SO CONTROLLED BOTH DURING AND AFTER COMPLETION OF THE WORK THAT EROSION WILL BE MINIMIZED AND SEDIMENT WILL NOT ENTER STREAMS OR OTHER BODIES OF WATER. WASTE OR DISPOSAL AREAS AND CONSTRUCTION ROADS SHALL BE LOCATED AND CONSTRUCTED IN A MANNER THAT WILL KEEP SEDIMENT FROM ENTERING STREAMS.

FREQUENT FORDING OF LIVE STREAMS WILL NOT BE PERMITTED; THEREFORE, TEMPORARY BRIDGES OR OTHER STRUCTURES SHALL BE USED WHEREVER AN APPRECIABLE NUMBER OF STREAM CROSSINGS ARE NECESSARY. UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEERS, MECHANIZED EQUIPMENT SHALL NOT BE OPERATED IN LIVE STREAMS.

WHEN WORK AREAS OR GRAVEL PITS ARE LOCATED IN OR ADJACENT TO LIVE STREAMS, SUCH AREAS SHALL BE SEPARATED FROM THE MAINSTREAM BY A DIKE OR OTHER BARRIER TO KEEP SEDIMENT FROM ENTERING A FLOWING STREAM. CARE SHALL BE TAKEN DURING THE CONSTRUCTION AND REMOVAL OF SUCH BARRIERS TO MINIMIZE THE MUDDYING OF A STREAM.

WATER FROM AGGREGATE WASHING OR OTHER OPERATIONS CONTAINING SEDIMENT SHALL BE TREATED BY FILTRATION, A SETTLING BASIN OR OTHER MEANS SUFFICIENT TO REDUCE THE SEDIMENT CONTENT TO NOT MORE THAN THAT OF THE STREAM INTO WHICH IT IS DISCHARGED.

POLLUTANTS SUCH AS FUELS, LUBRICANTS, BITUMENS, RAW SEWAGE AND OTHER HARMFUL MATERIALS SHALL NOT BE DISCHARGED INTO OR NEAR RIVERS, STREAMS AND IMPOUNDMENTS OR INTO NATURAL OR MANMADE CHANNELS LEADING THERETO. WASH WATER OR WASTE FROM CONCRETE MIXING OPERATIONS SHALL BE ALLOWED TO ENTER LIVE STREAMS.

ALL APPLICABLE REGULATIONS OF FISH AND WILDLIFE AGENCIES AND STATUTES RELATING TO THE PREVENTION AND ABATEMENT OF POLLUTION SHALL BE COMPILED WITHIN THE PERFORMANCE OF THE CONTRACT.

MAINTENANCE

ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICABLE OF FALSEWORK. PILING, DEBRIS AND OTHER OBSTRUCTIONS PLACED DURING CONSTRUCTION OPERATIONS AND NOT A PART OF THE FINISHED WORK

SEDIMENTATION COLLECTED IN THE DETENTION BASIN SHALL BE REMOVED AFTER IT HAS BUILT UP TO THE ELEVATION OF THE BEGINNING OF THE PERFORATIONS IN THE RISER PIPE. ALL SILT COLLECTED SHALL BE PLACED BACK UP ON THE SITE.

SEEDED AREAS THAT HAVE WASHED AWAY SHALL BE FILLED AND GRADED, AS NECESSARY, AND THEN RESEEDED. ADDITIONAL HAY MULCHING SHALL BE APPLIED TO RETAIN THE SEED UNTIL IT HAS A CHANCE TO ROOT PROPERLY.

AREAS THAT CONTAIN SOD SHALL BE CHECKED VERY CAREFULLY TO ENSURE THAT JOINTS BETWEEN THE SOD STRIPS ARE TIGHT AND SECURE. WHERE JOINT SEPARATION IS IN EVIDENCE, A CAREFUL INSPECTION OF EACH JOINT SHALL BE MADE TO DETERMINE WHETHER UNDERMINING OF THE STRIPS IS OCCURRING. IF IT IS, THE STRIPS SHALL BE ROLLED UP, THE SUBSURFACE SHALL BE FILLED AND GRAZED, AS REQUIRED, AND THE SOD STRIPS SHALL BE RE-LAID WITH THE RIGHT JOINTS AND PEGGING.

THE ABOVE PROCEDURE FOR SEEDED AND SODDED AREAS SHALL BE REPEATED AFTER EACH RUNOFF PRODUCING RAIN UNTIL NO MORE SIGNS OF EROSION ARE EVIDENT.

A GOOD STAND OF VEGETATION SHALL BE DEFINED AS THE MANUFACTURER'S RECOMMENDED HEIGHT.

SHOULD UNFORESEEN EROSIVE CONDITIONS DEVELOP DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE ACTION TO REMEDY SUCH CONDITIONS AND TO PREVENT DAMAGE TO ADJACENT PROPERTIES AS A RESULT OF INCREASED RUNOFF AND/OR SEDIMENT DISPLACEMENT. SPECIAL ATTENTION SHOULD BE GIVEN TO FROZEN SLOPES. STOCKPILES OF WOOD CHIPS, HAY BALES, CRUSHED STONE AND OTHER MULCHES SHALL BE HELD IN READINESS TO DEAL IMMEDIATELY WITH EMERGENCY PROBLEMS OF EROSION. DURING CONSTRUCTION THE CONTRACTOR WILL BE RESPONSIBLE FOR SOIL EROSION CONTROL MAINTENANCE. AFTER CONSTRUCTION THE OWNER WILL BE RESPONSIBLE FOR MAINTAINING THE FACILITIES.

TEMPORARY EROSION AND SEDIMENTATION CONTROL

TEMPORARY INLET PROTECTION SHALL BE APPLIED TO EACH INLET. THEY SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF VEGETATION HAS BEEN ESTABLISHED.

SEED SHALL BE APPLIED ACCORDING TO THE ENCLOSED CHART. THE CONTRACTOR SHALL ADHERE TO THE RECOMMENDED SEEDING DATES WHEN SELECTING TEMPORARY SEED TYPES, FERTILIZER, LIME AND MULCH IN ACCORDANCE WITH RATES AND MATERIALS INDICATED IN PERMANENT STABILIZATION SECTION.

TEMPORARY SEEDINGS AND SEEDING DATES						
	SEEDIN	IG RATE	SEEDING DATES			
CROP	PER ACRE	PER 1000 SQ.FT.	NORTH JERSE	Y SOUTH JERSE		
OATS (SPRING)	1 1/2 BU.	2 LBS.	BEFORE APR. 25	BEFORE APR. 1		
RÝE BARLEY (WINTER)	2 BU. 2 BU.	2.4 LBS. 2.2 LBS.	SEPT. 1–0CT. 15 SEPT. 20–30	SEPT. 1–NOV. 1 SEPT. 20–OCT. 15		
(ANNUAL)	40 LBS.	0.9 LB.	BEFORE MAY 20 AUG. 15–OCT. 15	BEFORE MAY 15 AUG. 25 – NOV. 1		
KOREAN LESPEDEZA*	25 LBS.	0.6 LB		FEB. 1-JULY 5		
MILLET (FOXTAIL*)	30 LBS.	0.7 LB.	MAY 10-JUNE 20	MAY 1-JULY 1		
SUDANGRASS* WEEPING LOVE- GRASS	60 LBS. 3 LBS.	1.4 LB. 0.1 LB.	MAY 20-JUNE 20 JUNE 1-AUG. 1	MAY 1-JULY 5 MAY 1-AUG. 15		

*MAY BE PLANTED THROUGH SUMMER IF SOIL MOISTURE IS ADEQUATE OR CAN BE IRRIGATED. DUST CONTROL SHALL BE ACCOMPLISHED BY PERIODIC SPRINKLING OF DISTURBED AREAS AS REQUIRED.

<u>METHODS</u>

1. WORK LIME AND FERTILIZER INTO SOIL WITH A SPRING TOOTH OR DISC HARROW.

2. APPLY SEED AT THE GIVEN RATE AND FIRM WITH A ROLLER OR LIGHT DRAG. 3. APPLY SALT HAY IN AN UNIFORM FASHION UNTIL 80% OF THE GROUND IS COVERED. A SLIGHTLY HEAVIER APPLICATION IS NECESSARY ON STEEP SLOPES.

4. ANCHOR SALT HAY IN PLACE SPRAYING MULCH BINDER AT GIVEN RATES. PERMANENT STABILIZATION

ALL EXPOSED EARTH SURFACES SHALL BE PERMANENTLY STABILIZED AFTER COMPLETION OF CONSTRUCTION OF ALL SITE IMPROVEMENTS

PERMANENT STABILIZATION SHALL BE ACCOMPLISHED BY THE FOLLOWING METHODS AND MATERIALS

MATERIALS	TYPE	APPLICATION RATES
LIME	PULVERIZED 50% C 0 M 0	2 TONS/ACRE
FERTILIZER	P ₁₀ K ₁₀ N ₁₀	600 LB./ACRE
SEED	TURF TYPE-TALL FESCUE (BLEND OF 3 CULTIVARS) TURF TYPE-TALL FESCUE KY BLUEGRASS (BLEND) PERENNIAL RYEGRASS (BLEND)	152 LB./ACRE 160 LB./ACRE 20 LB./ACRE 20 LB./ACRE
MULCH	SALT HAY	1.5 TO 2 TONS/ACRE
MULCH BINDER USE ONLY WITH SALT HAY	ASPHALT EMULSION (SS-1, CCS, CMS-2, MS-2, RS-1, RS-2, CRS-1 OR CRS-2 OR CUT BACK ASPHALT RAPID CURING RC-70, RC-250 OR MC 800)	194 GAL./ACRE ON FLAT SLOPES 363 GAL./ACRE ON SLOPES OF 8 FEET HIGH OR MORE

VEGETATION SHALL BE BETWEEN 05/01 AND 08/14, PER TABLE 4-3 OF THE NJ STANDARDS FOR SOIL NOTE: PROJECTS LOCATED IN PLANT HARDINESS ZONES, 7A, 7B, PLANT DATES FOR PERMANENT

EROSION AND SEDIMENT CONTROL

AS AN ALTERNATIVE TO THE PRECEDING, AREAS TO RECEIVE PERMANENT VEGETATIVE COVER CAN BE HYDROSEEDED USING THE PREVIOUS FERTILIZATION, SEEDING AND LIMING RATES WITH THE ADDITION OF PAPER FIBER MULCH (400 LBS/ACRE) AND TERITAC MULCH BINDER (1 CASE/ACRE). THE USE OF PAPER FIBER MULCH AND BINDER IN THE SEEDING SLURRY WOULD NEGATE THE NEED FOR WOOD CHIPS, SALT HAY AND ASPHALT MULCH BINDER UNDER METHODS 3 AND 4.

4" OF CLEAN TOP SOIL SHALL BE PROVIDED ON ALL AREAS OF DISTURBANCE WHERE TOP SOIL DOES NOT EXIST

established.

3. Seeding Dates: The following seeding dates are best recommended to establish permanent vegetative cover within most locations in the HEPSCD: Spring - 3/1-5/15 and Fall - 8/15 - 10/1

4. Sediment fences are to be properly trenched and maintain until permanent vegetative cover is established

5. All storm drainage inlets shall be protected by one of the practices accepted in the Standards and protection shall remain until permanent stabilization has been established. Storm drainage outlet points shall be protected as required before they become functional.

6. Mulch materials shall be un-rotted salt hay or small grain straw applied at the rate of 70-90 pounds per 1000 square feet and anchored with a mulch anchoring tool, liquid much binders, or netting tie dow. Other suitable materials may be used if approved by the Soil Conservation Distrct.

7. All erosion control devices shall be periodically inspected, maintained and corrected by the contractor. Any damage incurred by erosion shall be rectified immediately.

9. The applicant must obtain a District issued Report-of-Compliance prior to applying for the Certificate of Occupancy or Temporary Certificate of Occupancy from the respective municipality, NJ-DCA or any other controlling agency. Contact the District at 862-333-4505 to request a Final Inspection, giving advanced notice upon completion of the restabilization measures. A performance deposit may be posted with the District when winter weather or snow cover prohibits the proper application of seed, mulch, fertilizer or hydro-seed.

10. Paved roadways must be kept clean at all times. Do not utilize a fire or garden hose to clean roads unless the runoff is directed to a properly designed and functioning sediment basin. Water pumped out of the excavated areas contains sediment that must be removed prior to discharging to receiving bodies of water using removal pumping stations, sump pits, portable sedimentation tanks and/or silt control bags.

11. All surfaces having lawn or landscaping as final cover are to be provided topsoil prior to re-seeding, sodding of planting. A depth of 5.0 inches, firmed in place, is **reguired**, as per the Standards for Top Soiling and Land Grading, sffective December, 2017.

12. All plan revisions must be submitted to the District for proper review and approval.

13. A crushed stone wheel cleaning tracking-pad is to be installed at all site exits using $2\frac{1}{2}$ -1" crushed angular stone (ASTM 2 or 3) to a minimum length of 50 feet and minimum depth of 6". All driveways must be provided with crushed stone until paving is complete.

15. The Hudson-Essex-Passaic Soil Conservation District shall be notified, in writing, for the sale of any portion of the project or for the sale of individual lots. New owners' information shall be provided. Additional measures deemed necessary by District officials shall be implemented as conditions warrant.

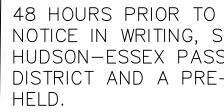
STABILIZED CONSTRU NOTES:

1. STONE SIZE: USE AASHTO # 2 OR

- 2. LENGTH: AS REQUIRED BUT NOT LES
- 3. THICKNESS: NOT LESS THAN SIX (6
- 4. WIDTH: NOT LESS THAN THE FULL
- INGRESS OR EGRESS OCCURS. 5. FILTER CLOTH: WILL BE PLACED OVE
- PLACING OF STONES. 6. SURFACE WATER: ALL SURFACE WA TOWARD CONSTRUCTION ENTRANCES
- FNTRANCE. IF PIPING IS IMPRACTIC SLOPES WILL BE PERMITTED. 7. MAINTENANCE: THE ENTRANCE SHA WHICH WILL PREVENT TRACKING OR PUBLIC RIGHT-OF-WAY. THIS MAY WITH ADDITIONAL STONES AS CONDI
- AND/OR CLEANOUT OF ANY MEASUF ALL SEDIMENT SPILLED, DROPPED, N PUBLIC RIGHT-OF-WAY MUST BE RE VEHICLE WHEELS SHALL BE CLEANEI ENTRANCE ONTO PUBLIC RIGHT-OF IT SHALL BE DONE ON AN APPROVE INSPECTION AND NEEDED MAINTENA

8.

EACH RAIN.



SOIL EROSION AND SEDIMENT CONTROL NOTES

1. All soil erosion and sediment control practices on this plan will be constructed in accordance with the "New Jersey Standards for Soil Erosion and Sediment Control" 7th Edition last revised July 2017, effective December 2017. These measures will be installed prior to any major soil disturbance or in their proper sequence and maintained until permanent protection is established.

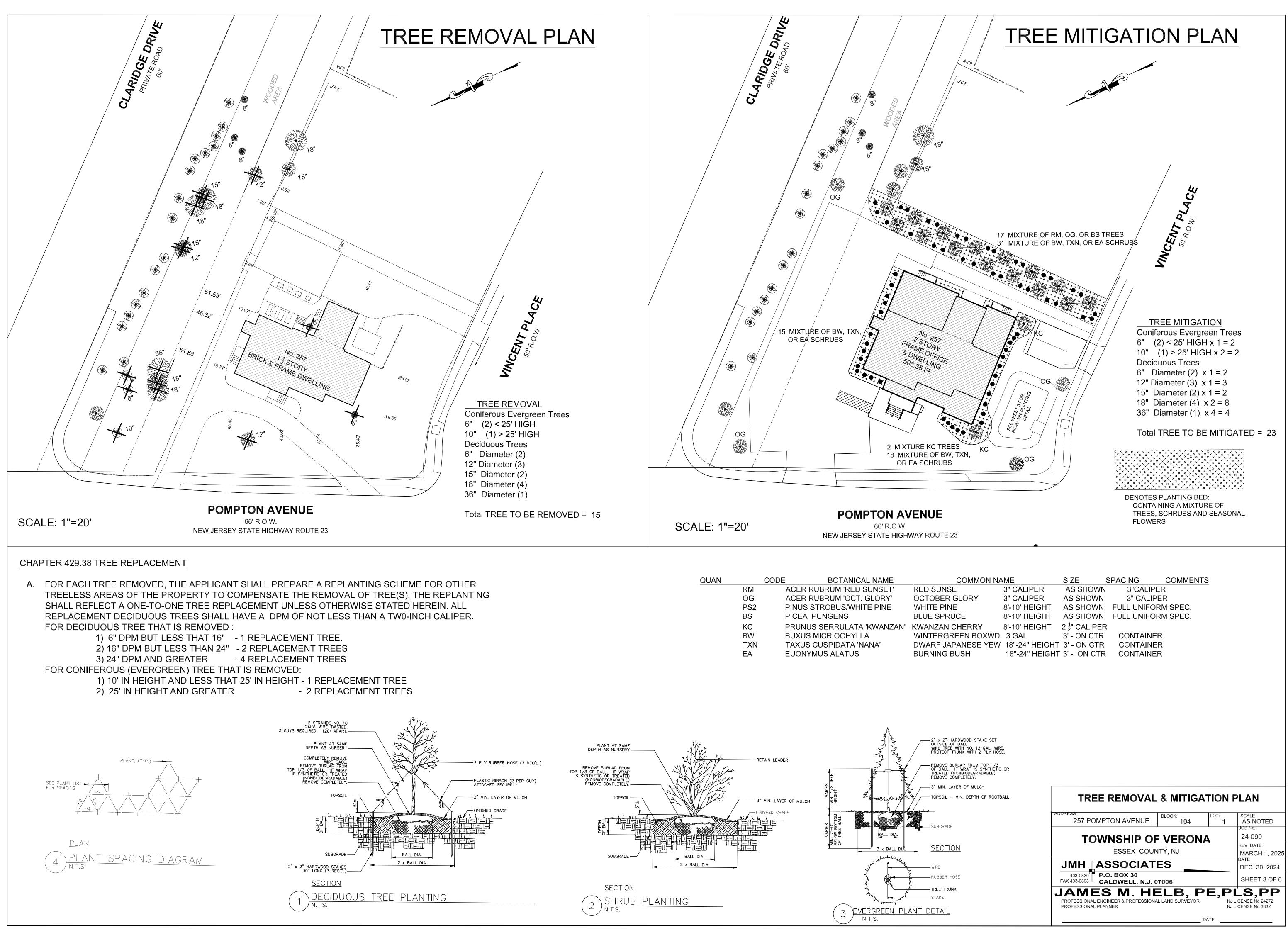
2. Soil to be exposed or stockpiled for a period of greater than 14 days, and not under active construction, may be required to be temporarily mulched, and seeded or otherwise provided with vegetative cover as per Appendix A3. This temporary cover shall be maintained until such time whereby permanent restabilization is

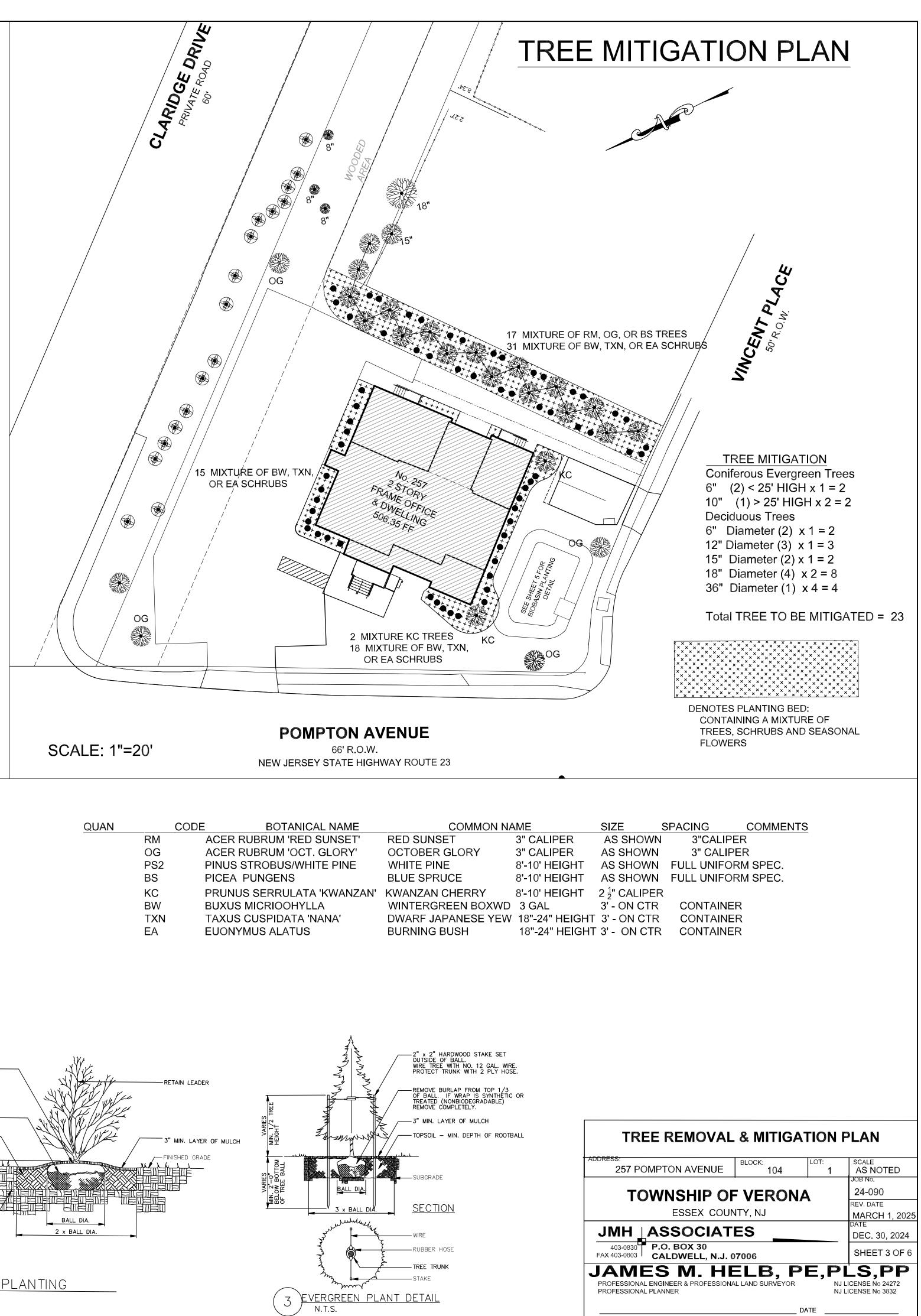
8. The Hudson-Essex-Passaic Soil Conservation District will be notified in writing at least 48 hours prior to any soil disturbing activities. Fax (862)- 333-4507 or Email - information@HEPSCD.ORG.

14. Steep slopes incurring disturbance may required additional stabilization measures. These "special" measures shall be designed by the applicant's engineer and be approved by the Soil Conservation District.

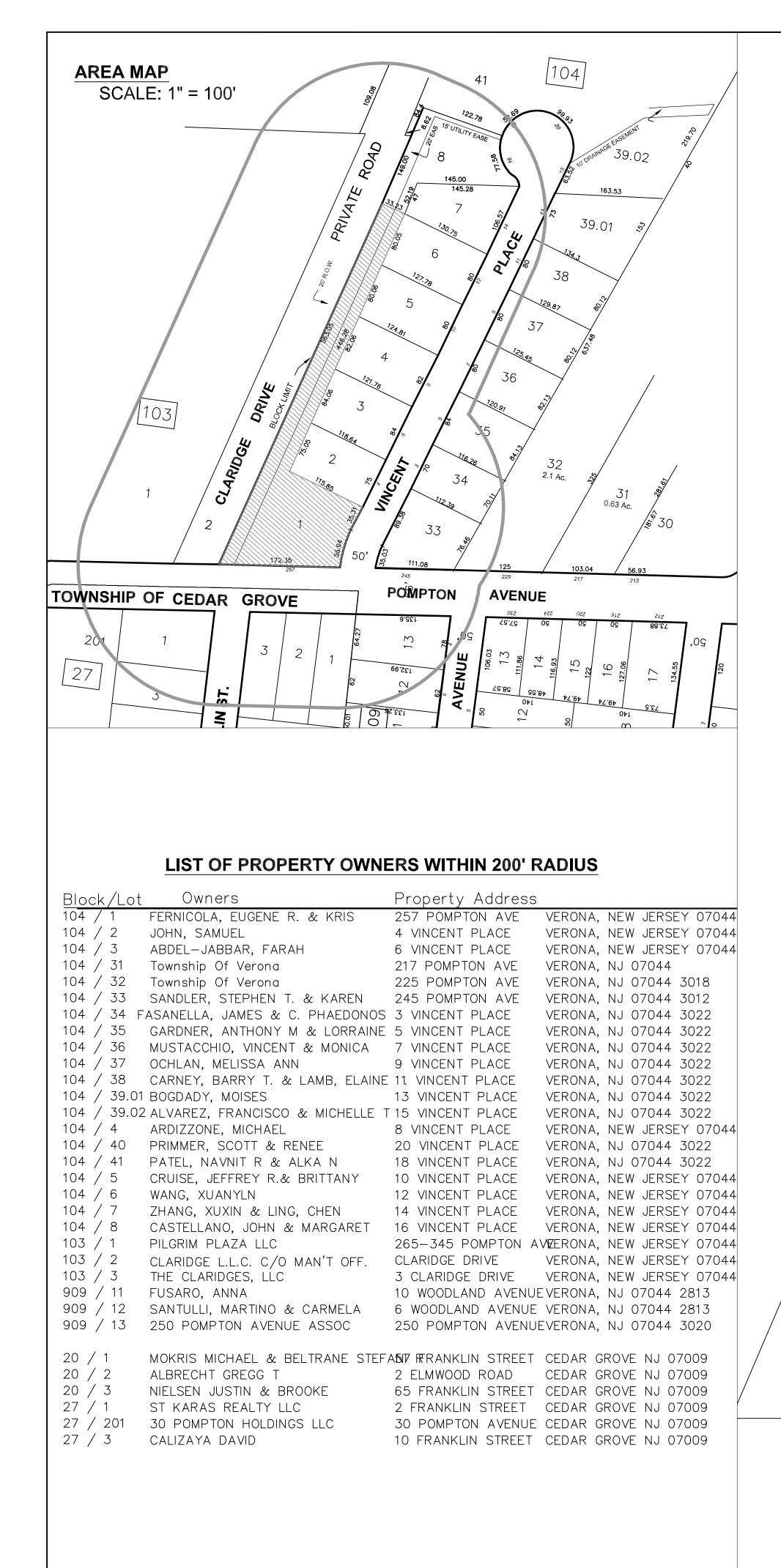
		SE	QUENCE	OF CON	STRUCTIC)N	
RUCTION ACCESS		<u> </u>	·	ENANCE AND PRO			
		1. 2.	WITH SIGNS.	L EROSION AND S			
3. (2 1/2" TO 1")		۷.		FILTER FABRIC (SI			
ESS THAN FIFTY (50) FEET.		7		TABILIZED CONSTR			.)
6) INCHES.		з.	AS NECESSARY	XISTING SIDEWALK	S AND EXISTING L	JRIVEWAT	
WIDTH AT POINT WHERE		4. 5. 6.	REMOVE EXIST	PROTECTION MEAS ING VEGATATION 5 IDENTIFIED TO B			
VER ENTIRE AREA PRIOR TO		7. 8.	EXCAVATE FOR INSTALL HOUS	R E FOUNDATION A	AND DRY WELLS (D DRY WELLS		
ATER FLOWING OR DIVERTED S SHALL BE PIPED ACROSS THE		10.	INSTALL NEW M	ILIZE, SEED, AND MACADAM DRIVEWA ATION AND LANDS	AY, CURB AND HA	DISTURBAN RD SURFAC	NCE. ES
CAL, A MOUTABLE BERM WITH 5:1			REMOVE SOIL E	EROSION AND SED	MENT CONTROL M	EASURES.	
ALL BE MAINTAINED IN A CONDITION		12.	COMFLETE CON	13 IKUC IIUN			
FLOWING OF SEDIMENT ONTO REQUIRE PERIODIC TOP DRESSING							
ITIONS DEMAND AND REPAIR				COMPACTION			
RES USED TO TRAP SEDIMENT. NASHED OR TRACKED ONTO				THE STATE F			
EMOVED IMMEDIATELY.						•	,
D TO REMOVE SEDIMENT PRIOR TO -WAY, WHEN WASHING IS REQUIRED				IONS, THE SIT			
ED SEDIMENT TRAPPING DEVICE.				EGROWTH. IN			
NCE SHALL BE PROVIDED AFTER				AND GRADING	•		
				A "URBAN RED			
				JSLY DEVELO			
		243	AS DEFINEL) BY "STANDAI	KDS FUR SES	JIN NJ ,	PAGE 19-2
		S	OIL ERO	SION & SE	DIMENT C	ONTR	OL PLAN
	f	ADDF		TON AVENUE	BLOCK: 104	LOT:	SCALE AS NOTED
	ŀ				104	I	JOB No.
		TOWNSHIP OF VERONA					
			ESSEX COUNTY, NJ				REV. DATE MARCH 1, 202
ANY SOIL DISTURBANCE,		U	IMH ⊥AS	SSOCIAT	ES		DATE DEC. 30, 2024
SHALL BE GIVEN TO THE SAIC SOIL CONSERVATION		FA		D. BOX 30 LDWELL, N.J. (07006		SCALE SHEET 4 OF 6
-CONSTRUCTION MEETING	ŀ	J	AMES	5 M. HE	ELB, P		LS,PP
		PI		INEER & PROFESSION/		NJ L	ICENSE No 24272 ICENSE No 3832

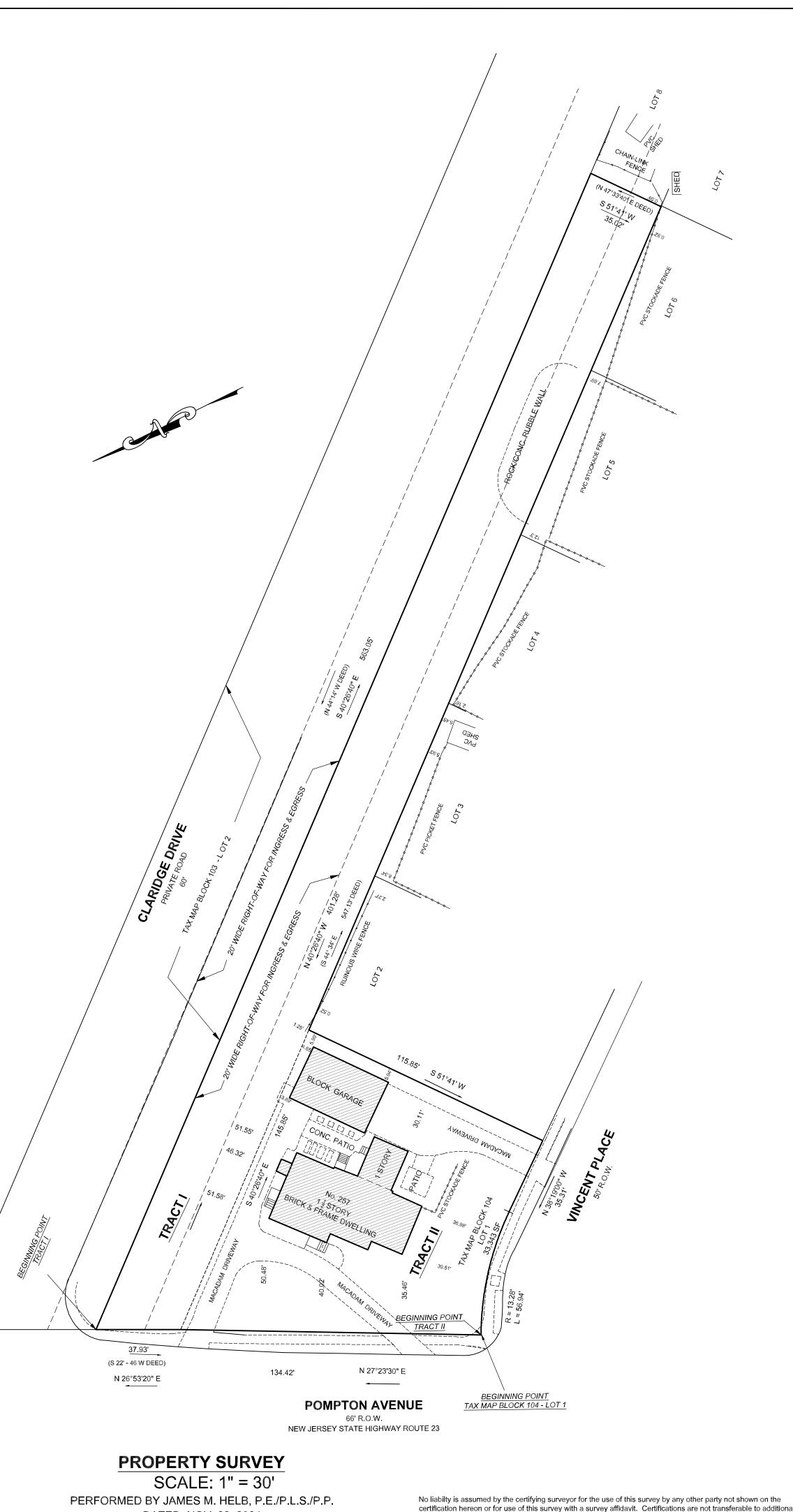
DATE





JAN	C	ODE	BOTANICAL NAME	
	RM	ACER	RUBRUM 'RED SUNSET'	RE
	OG	ACER	RUBRUM 'OCT. GLORY'	00
	PS2	PINUS	STROBUS/WHITE PINE	WI
	BS	PICEA	PUNGENS	BL
	KC	PRUN	US SERRULATA 'KWANZAN	' KW
	BW	BUXU	S MICRIOOHYLLA	W
	TXN	TAXUS	S CUSPIDATA 'NANA'	DV
	EA	EUON	YMUS ALATUS	BL



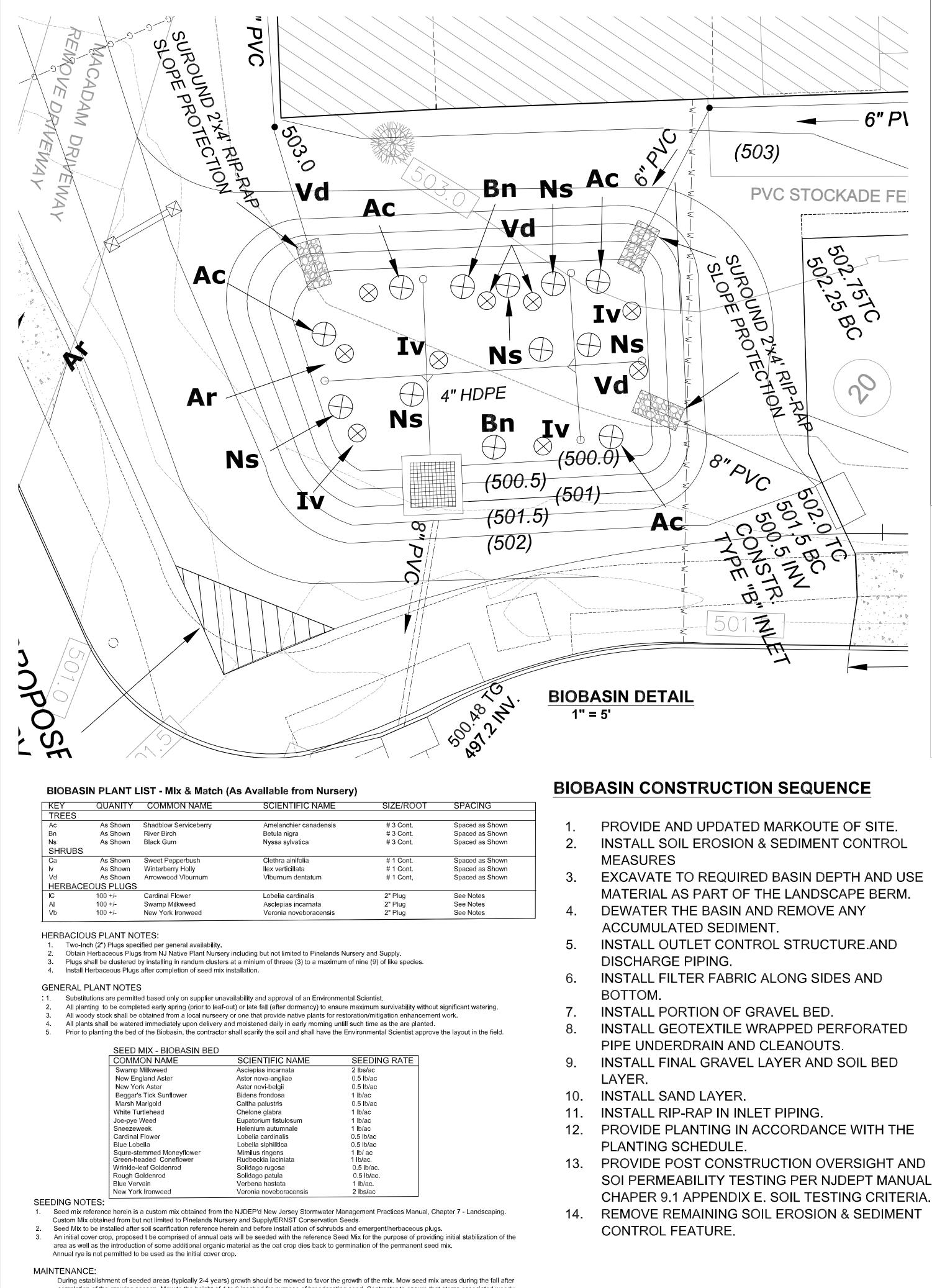


DATED: NOV. 22, 2024

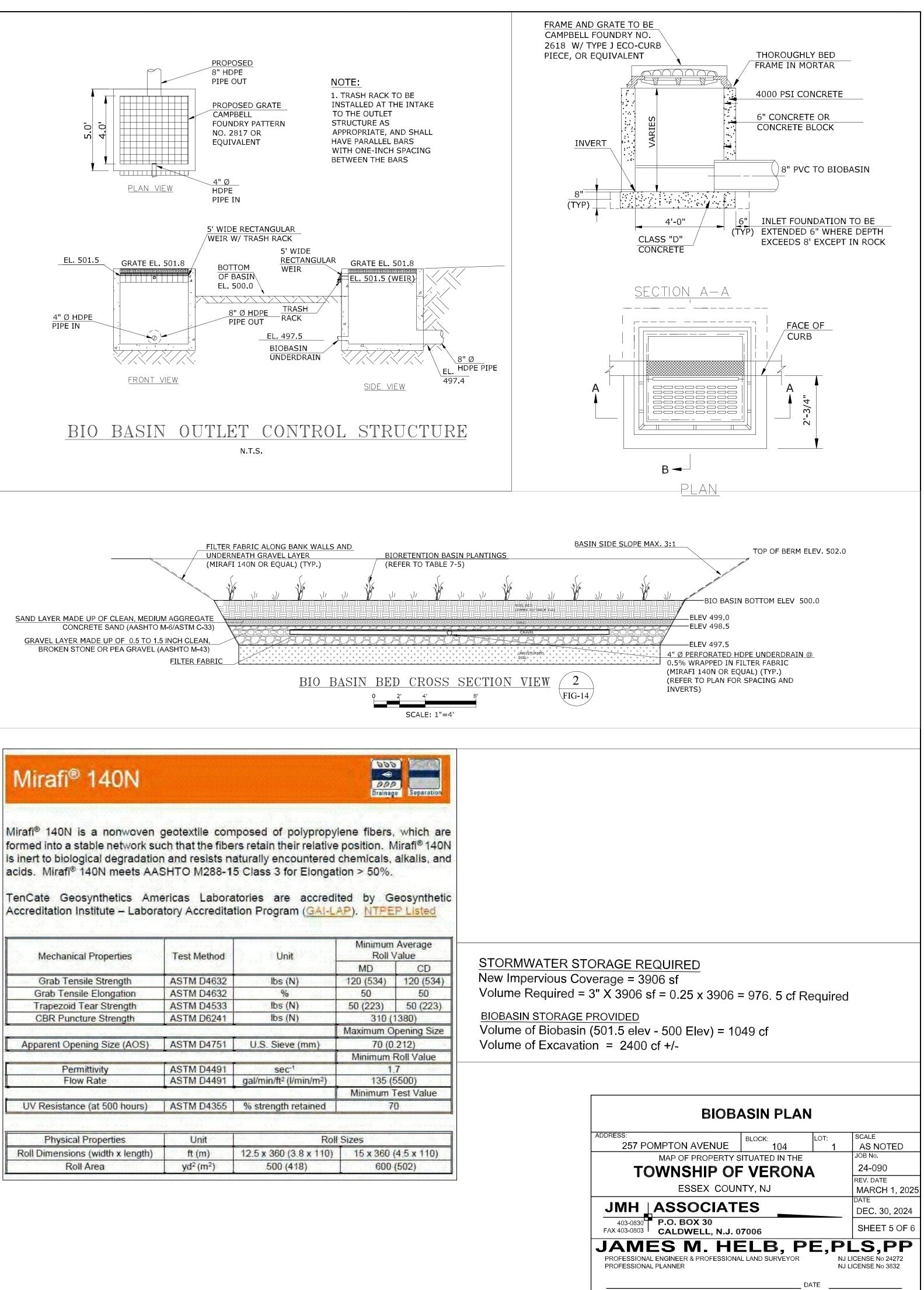
certification hereon or for use of this survey with a survey affidavit. Certifications are not transferable to additional institutions or subsequent owners. This survey plat used without the impression of a raised seal of the surveyor shall invalidate this survey plat. The use of this survey along with a survey affidavit is prohibited.

ZONING DI	STRICT MAP	108.08	41 [1	04	
SCALE:	1" = 100'		15' UTILITY EASE	10 DRAINAGE EASEMENT 39.02	
		PRIVATE ROAD	8 (*	10 DRAMAG 39.02	
		RIVAT	7	39.01	
	/	6			
		Mogue 5		38	
	RR /A-2		37		
			36		
103	DRIVE BLOCK LINUT	3 R-70	35		
	CLARIDGE	2	34 34 34	2 Ac.	
1				31 ^{0.63 Ac.}	
/	/ ² / C-2	50 [,]	3 C-2	30	
TOWNSHIP OF C				217 213	
201 1		1 2	⁵⁵⁴ ⁵³⁰ 20,	515 516 550	
27		1	AVENUE 13 14	15 16 17	
		11 <u>1</u> 12	→ → A A		
5	ERANKLIN 01 4 28		∞ ~ [19	
6	<u>я</u>				
SITE AND BUILDING D	ΑΤΑ				
ONE: C-2 ISE: PROFESSIONAL OFFICE/BUSINESS &					
ONING CRITERIA: IINIMUM LOT AREA: IINIMUM LOT WIDTH:	REQUIREMENT: 15,000 S.F. 100 FEET	EXISTING: 33,343.7 S.F. 172.3 FEET (Pompton Ave)	PROPOSED: 33,343.7 S.F. 172.3 FEET (Pompton Ave)	COMMENT: COMPLIES COMPLIES	
ETBACKS OF PRINCIPAL BUILDING:		92.25 FEET (Vincent PI)	92.25 FEET (Vincent PI)		
FRONT YARD: SIDE YARD:	20 FEET 15 FEET EACH	35.46 FEET 30.11 FEET	23.3 FEET 28.12 FEET	COMPLIES	
REAR YARD:	35 FEET COMBINED	76.43 FEET COMBINED NA – Corner Lot	74.44 FEET COMBINED NA – Corner Lot	COMPLIES	
IAXIMUM BUILDING HEIGHT:	2 ½ STORIES / 35 FEET 30%	1 1/2 STORIES / < 35 FEET 9.12 %	2 STORIES/<35 FEET 10.4 %	COMPLIES COMPLIES	
IAXIMUM IMPROVED LOT COVERAGE:	65 %	21.64%	33.3 %	COMPLIES	
IAXIMUM FLOOR-AREA RATIO	50 %		20.8%	COMPLIES	
IINIMUM LANDSCAPE BUFFER	15 FEET		15 FEET	COMPLIES	
ARKING MINIMUM:	OFFICE: 6 SPACES / 1000 SI RESIDENTIAL (RSIS): 1BDR:1.8 2BDR; 2	3	OFFICE 3468/1000/6 =20.8 1BDR:1.8 x 1 = 1.8 2BDR: 2 x 2 = 4 TOTAL : = 26.6=27	VARIANCE REQUIRED 27 - 20 = 7	
	OWNER	& APPICANT: BRIAN & ALOIA L	J. ALOIA, ESQ. AW FIRM, LLC		
		2 BROAD S	TREET, SUITE 510 NEW JERSEY 07003		
ZONING & AREA PLAN					
	ADDRESS: 257	POMPTON AVENUE	BLOCK: LOT: 104	1 SCALE AS NOTED JOB No.	
	1	ESSEX COU	24-090 REV. DATE MARCH 1, 2025		
		JMH ASSOCIATES DATE DEC. 30, 2024			
	403-083 FAX 403-080			SHEET 1 OF 6	
	PROFESSIO	DNAL ENGINEER & PROFESSION DNAL PLANNER		NJ LICENSE No 24272 NJ LICENSE No 3832	

PROFESSIONAL PLANNER NJ LICENSE No 3832 DATE



completion of the growing season. Mow to the height of 4 to 6 insched for purpose of broadcasting seed. Contractor to ensure that stems associated woody plant material are not girled via the use of string trimmers. The presence of perennial invasives (i.e. Canada Thistle/Mugwort/Garlic Mustard) amy require the use of spot (spot applicationd) of herbicide. Vegetative cover shall be maintained at a minimum of 85% until woody plants materials mature and shaded out the herbaceous/ emergent understory. Supplemental re-seeding will be required to maintain the minimum 85% coverage.



SAND LAYER MADE UP OF CLEAN, MEDIUM AGGREGATE GRAVEL LAYER MADE UP OF 0.5 TO 1.5 INCH CLEAN, BROKEN STONE OR PEA GRAVEL (AASHTO M-43)

Mirafi[®] 140N

acids. Mirafi® 140N meets AASHTO M288-15 Class 3 for Elongation > 50%.

Mechanical Properties	Test Method	Unit	Minimum Ave Roll Valu	
me all's modificants " to the second	a second and the	an are improvement	MD	
Grab Tensile Strength	ASTM D4632	lbs (N)	120 (534)	1
Grab Tensile Elongation	ASTM D4632	%	50	1
Trapezoid Tear Strength	ASTM D4533	lbs (N)	50 (223)	5
CBR Puncture Strength	ASTM D6241	lbs (N)	310 (13	
automonica human ten service colles		and an	Maximum O	pen
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	70 (0.21	
			Minimum I	Roll
Permittivity	ASTM D4491	sec ⁻¹	1 an guess 1.	7
Flow Rate	ASTM D4491	gal/min/ft2 (l/min/m2)	135 (55	
and the second se	and the second		Minimum T	fest
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	
Physical Properties	Unit	Ro	I Sizes	
Roll Dimensions (width x length)	ft (m)	12.5 x 360 (3.8 x 110)	15 x 360 (4.5
Roll Area	yd2 (m2)	500 (418)	600 (50	