# MINOR SITE PLAN ELSA VEHICLE STORAGE BUILDING **600 WHITEHEAD ROAD**



**ZONING MAP** APPROXIMATE SCALE: N.T.S.



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583





IT IS THE RESPONSIBILITY OF THE CONTRACTO TO CONTACT NJ ONE CALL PRIOR TO THE START OF CONSTRUCTION. CALL FOR MARKOUTS THREE (3) FULL BUSINESS DAYS IN ADVANCE AND BEGIN **EXCAVATION WITHIN 10 DAYS. ALL CONTRACTORS** ON-SITE MUST HAVE THEIR OWN MARKOUT.

### **BLOCK 1202, LOT 2**







**PROJECT LOCATION MAP** APPROXIMATE SCALE: 1" = 1,000

THE ELECTRONIC VERSION OF THE 2019 NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, EFFECTIVE SEPTEMBER 1, 2019, AS REFERENCED IN BASELINE DOCUMENT CHANGE ANNOUNCEMENT BDC19S-01, UNLESS MODIFIED WITHIN THE TECHNICAL SPECIFICATIONS OF THIS CONTRACT, SHALL GOVERN.

THE NEW JERSEY DEPARTMENT OF TRANSPORTATION "STANDARD ROADWAY CONSTRUCTION TRAFFIC CONTROL BRIDGE CONSTRUCTION DETAILS" BOOKLET DATED 2016 AND "ELECTRICAL BUREAU STANDARD DETAILS, 2007" AND ALL BASELINE DOCUMENT CHANGES MADE TO THESE CONSTRUCTION DETAILS, SHALL GOVERN, EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

## LAWRENCE TOWNSHIP **MERCER COUNTY, NEW JERSEY**

**DECEMBER 2024** 

	SHEET INDEX
HEET #	SHEET TITLE
C-1	TITLE SHEET
C-2	LEGEND
C-3	GENERAL NOTES
C-4	EXISTING TOPOGRAPHIC CONDITIONS PLAN
C-5	OVERALL SITE PLAN
C-6	DEMOLITION PLAN
C-7	SITE PLAN
C-8	GRADING PLAN
C-9	DRAINAGE & UTILITIES PLAN
C-10	FORCE MAIN PROFILE
C-11	SOIL EROSION & SEDIMENT CONTROL PLAN
C-12	SOIL EROSION AND SEDIMENT CONTROL NOTES
C-13	SOIL EROSION AND SEDIMENT CONTROL DETAILS
C-14	CONSTRUCTION DETAILS
C-15	CONSTRUCTION DETAILS

OWNER & APPLICANT: EWING LAWRENCE SEWAGE AUTHORITY 600 WHITEHEAD ROAD LAWRENCE TOWNSHIP, NJ 08648 609-587-9595 ELSA@RCN.COM

PPROVED BY THE LAWRENCE	TOWNSHIP PLANNING BOARD:
CHAIRPERSON	DATE
ECRETARY	DATE
DMINISTRATIVE OFFICER	DATE
IUNICIPAL ENGINEER	DATE
FFIDAVIT OF OWNERHIP:	

DATE

OWNER

RVE REMINGTON **& VERNICK ENGINEERS** 2059 SPRINGDALE ROAD CHERRY HILL, NJ 08003 56) 795-9595. FAX (856) 795-188. WEB ADDRESS : RVE.COM ertification of Authorization: 24 GA 2800330 Excellence • Innovation • Service DATE: 09-03-2024 DENNIS K. YODER NJ PROFESSIONAL ENGINEER LIC. No. date: 09-03-2024 JESSICA D. HAUBER NJ PROFESSIONAL ENGINEER LIC. No. 5148 PLANS WHICH DO NOT BEAF AN EMBOSSED SEAL ARE NOT VALID LL DOCUMENTS PREPARED BY REMINGTON & VERNI NGINEERS AND AFEILIATES ARE INSTRUMENTS RVICE IN RESPECT OF THE PROJECT. THEY ARE N FENDED OR REPRESENTED TO BE SUITABLE FOR REL OWNER OR OTHERS ON EXTENSIONS OF THE PROJI TTEN VERIFICATION OR ADAPTATION BY REMINGT CK ENGINEERS AND AFFILIATES FOR THE SPEC POSE INTENDED WILL BE AT OWNERS SOLE RISK A UT LIABILITY OR LEGAL EXPOSURE TO REMIN RNICK ENGINEERS AND AFFILIATES: AND C I INDEMNIEY AND HOLD HARMLESS REMINGT( ENGINEERS AND AFFILIATES FROM ALL CLA AGES, LOSSES AND EXPENSES ARISING OUT OF SULTING THEREFRO CHECKLIST DMMENTS E REVIEW 7 10 10 BUILDING  $\sim$ Ш C 1202 Ο ST Щ Ы I AD; S Ч И Ř ഗ Ē D Ш 臣 SITE 00 MINOR Ó DRAWN BY : DESIGN BY : CHECKED BY : SCALE A.C.F. J.D.H. AS NOTED DATE : SHEET No. : 05/16/2024 C-1 JOB No. : 1102M026

ITEM	DESCRIPTION	EXISTING	PROPOSED	ITEM
	OVERHEAD WIRE			
		FM	FM	
	STORM SEWER PIPE $\leq 12^{\circ}$	(SIZE & TYPE)	(SIZE & TYPE) ====================================	
	GAS SERVICE	<i>G</i>	G	
	SANITARY SEWER PIPE $\leq 12"$		s <u>(SIZE &amp; TYPE)</u>	
	ELECTRIC SERVICE	E	E	
	FIBER OPTIC SERVICE	F0	FO	
	TELEPHONE SERVICE	<i>T</i>	T	
	COMMUNICATIONS SERVICE	C	C	
	IRRIGATION PIPE	<i>IRR</i>	IRR	
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	UNKNOWN VALVE	M		
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	VENT PIPE	Ö		1

### STANDARD LEGEND NOTE: ALL SYMBOLS MAY NOT BE USED

ITEM DESCRIPTION EXISTING PROPOSED DESCRIPTIC  $\left(\begin{array}{c} BM\\ X\end{array}\right)$ EDGE OF PAVEMENT BENCHMARK LOCATION CURB CROWS FOOT ìŕ PAVEMENT / CONC. / +-AERIAL TARGET CONCRETE MONUMENT · ∎ (SET) PK / MAG NAIL / DRILL HOLE / SPIKE • (SET) 0 DRILL HOLE W/ WINGS - 0 -STAKE  $\Delta$ ▲ (SET) HUB Δ ▲ (SET) LIMIT OF EXCAVATION • (SET) PIN W/ CAP GUIDE RAIL Θ **IRON PIPE ADWORK** • (SET) **IRON PIN** BOLLARD 🕱 (SET) MAILBOX CROSS CUT Ø DISK O SIGNS STONE 0 FLAG POLE BENCH REBAR RO BASELINE PILE ----+ DETECTABLE WARNIN CENTERLINE \_\_\_\_ 3 TYPICAL STRIPING EASEMENT SITE RIGHT-OF-WAY ADA STRIPING TRAFFIC CONTROL B PROPERTY BOUNDARY ADJACENT PROPERTY BOUNDARY TRAFFIC LIGHT \_\_\_\_\_\_ RAILROAD TRACKS DEPT. OF TRANSPOR STATE BOUNDARY STATE HIGHWAY DEP MUNICIPAL / COUNTY BOUNDARY RAILROAD CROSSING CALL BOX � <sup>B−</sup># BORING LOCATION 🔶 В-# OIL FILL ● <sup>MW-</sup># MONITORING WELL LOCATION UNDERGROUND STOF **₽** м₩-# ∎ TP-# TEST PIT LOCATION RISER PIPE ₽*TP−*# ₿ *FW*-# FRESHWATER WETLAND FLAG RAISED PAVEMENT M FRESHWATER WETLAND LINE \_\_\_\_\_\_ FRESHWATER WETLAND BUFFER \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ EDGE OF WATER \_\_\_\_\_ · · · \_\_\_\_ · · \_\_\_\_ · \_\_\_\_\_ \_\_\_\_\_ STREAM CENTERLINE \_\_\_\_\_ TYPICAL NORTH ARRO GRASS/SOD A CHARGE STOR SHADE ORNAMENTAL APR. APRON DECIDUOUS TREE ASB ASBESTOS CEMENT PIPE E ABOVE FINISHED FLOOR AFF SHRUBS / BUSH Q ASB ASBESTOS Miller Marke ALUMINUM EVERGREENS S TION BASELINE (A) STUMP BENCH MARK BITUMINOUS WOODS / TREE LINE BLDG. BUILDING H\ BGS BELOW GROUND SURFACE HE 4 WIRE FENCE \_\_\_\_//\_\_\_\_//\_\_\_\_\_//\_\_\_\_\_ \_\_\_\_//\_\_\_\_//\_\_\_\_\_//\_\_\_\_ CENTERLINE Z CAST IRON PIPE SPLIT RAIL FENCE \_\_\_\_O\_\_\_\_O\_\_\_\_\_ \_\_\_\_<u>O\_\_\_O\_\_</u>\_\_ IP CONC. CONCRETE Ш CMP CORRUGATED METAL PIPE WOOD / VINYL FENCE \_\_\_\_O\_\_\_\_O\_\_\_\_ 2 CULV. CULVERT  $\mathbf{\Omega}$ CARBON STEEL CHAIN-LINK FENCE \_\_\_\_\_x\_\_\_\_x\_\_\_\_\_ \_\_\_\_\_X\_\_\_\_X\_\_\_\_\_X\_\_\_\_\_ CUBIC FEET  $\mathbf{m}$ CUBIC YARDS 4 CONCRETE MASONRY UNIT LC TOP OF BANK / DITCH \_\_\_\_\_ *TB* \_\_\_\_\_ DEPRESSED CURB DRILL HOLE BOTTOM OF BANK / DITCH \_\_\_\_\_\_ BB \_\_\_\_\_ DIAMETER DUCTILE IRON PIPE CONTOUR (MAJOR) \_\_\_\_\_ *5* \_\_\_\_ \_\_ \_\_\_\_\_5 \_\_\_\_\_ DWY DRIVEWAY DOUBLE YELLOW LINE DYL CONTOUR (MINOR) \_\_\_\_\_ 3 \_\_\_\_\_ FLOW LINE / SWALE TIME OF CONCENTRATION \_\_\_\_**>** \_\_\_\_ \_**>**\_\_\_**>**\_\_\_\_ x <sup>3.48</sup> χ*3.48* SPOT GRADE TC5.45 TC5.45 GL4.95 GL4.95 ROADWAY GRADE = = =  $\stackrel{24"}{=}$   $\stackrel{PVC}{=}$  =------DRAINAGE FLOW  $\implies$  $\implies$ 

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NC. / SIDEWALK	BITUMINOUS/ASPHALT CONCRETE BRICK/PAVERS STONE	ASPHALT DRIVEWAY CONCRETE BRICK/PAVERS STONE	2059 SPRING CHERRY HII (856) 795-9595, F WEB ADDRE Certification of Authori <b>Excellence • Inr</b>	GDALE ROAD LL, NJ 08003 AX (856) 795-1882 SS : RVE.COM zation: 24 GA 28003300 wovation • Service
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( DEPARTMENT	B MANHOLE SHD BOX		VERNICK ENGINEERS AND A PURPOSE INTENDED WILL B WITHOUT LIABILITY OR LEG/ & VERNICK ENGINEERS AN	FFILIATES FOR THE SPECIFIC E AT OWNERS SOLE RISK AND AL EXPOSURE TO REMINGTON ID AFFILIATES; AND OWNER
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Projects/NJIMercer Cnty/ELSA11102M026 - ELSA Vehicle Storage Building/Design/3. 1102M026 Drawings/EDQ - 1102M026 dwg 12/5/202

GENERAL NOTES:

- 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION, ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- 2. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
- 3. THE CONTRACTOR SHALL USE EXCAVATED MATERIALS FOR BACKFILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 4. ALL PAVED AND CONCRETE AREAS DISTRIBUTED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
- 5. ALL GRASSED OR WOODED AREAS DISTRIBUTED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
- 6. ALL FILL SHALL BE PLACED IN 8" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED, IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF THE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT IS DAMAGED.
- 8. APPROXIMATE DEPTH OF ALL WATER MAIN IS  $\pm$  4 FEET.
- 9. ALL CONSTRUCTION DETAILS NOT SHOWN SHALL BE IN ACCORDANCE WITH N.J.D.O.T. STANDARDS AS DETAILED IN:
  - "STANDARD ROADWAY CONSTRUCTION/TRAFFIC CONTROL/BRIDGE CONSTRUCTION DETAILS."
  - "ELECTRICAL BUREAU STANDARD DETAILS: 2001."
  - INCLUDING ALL APPLICABLE BASELINE DOCUMENT CHANGES AND APPENDICES. THESE DETAILS MAY BE PURCHASED THROUGH THE N.J.D.O.T. PLANS AND SPECIFICATION CENTER AT:

#### 1035 PARKWAY AVENUE, TRENTON, NEW JERSEY 08625-0600

(TELEPHONE: 1-609-530-2098)

- 10. SEPARATE PAYMENT WILL NOT BE MADE FOR SAW CUTTING OF ANY KIND, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
- 11. PAYMENT FOR JOINT MATERIAL FOR ALL CONCRETE WORK WILL NOT BE MEASURED BUT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
- 12. MANHOLE CASTINGS THAT ARE TO BE RESET SHALL BE RESET 1/4" LOWER THAN THE PROPOSED PAVEMENT ELEVATION.
- 13. ALL GRASS AND WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE BACKFILLED AS PER SOILS CONSERVATION DISTRICT REQUIREMENTS.
- 14. THE NEW JERSEY DEPARTMENT OF TRANSPORTATION (NJDOT) STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION ALONG WITH THE 2010 STATE AID SUPPLEMENTAL SPECIFICATION AS MODIFIED SHALL GOVERN THIS PROJECT.
- 15. ALL UNUSED MATERIAL EXCAVATED FROM THE PROJECT SITE ARE TO BE DISPOSED OF AT AN APPROVED FACILITY. MANIFESTS ARE TO BE SUBMITTED TO THE ENGINEER.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED IN THE SCD PLANS AND SPECIFICATIONS. SEPARATE PAYMENT FOR ALL ASSOCIATED COSTS WILL NOT BE MADE, BUT SHALL BE INCLUDED UNDER VARIOUS ITEMS OF THE PROPOSAL.
- 17. 2007 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND AS AMENDED PER COUNTY SPECIFICATIONS SHALL GOVERN THIS PROJECT.
- 18. ALL UTILITY WORK SHALL BE CONSTRUCTED TO ALLOW UNINTERRUPTED SERVICE TO ADJACENT PROPERTIES. 19. EXISTING WATER MAIN, SANITARY SEWER, GAS MAIN, STORM SEWER AND ALL OTHER PROCESS UTILITIES SHALL BE FULLY SUPPORTED AND MAINTAINED DURING INSTALLATION OF THE PROPOSED UTILITY WORK, SERVICES, LATERALS AND BUILDING CONSTRUCTION.
- 20. CONTRACTOR SHALL CONFIRM LOCATION OF ALL SERVICE CONNECTION DURING CONSTRUCTION.
- 21. THE INSTALLATION OF NEW SERVICE LATERALS SHALL INCLUDE ALL PIPING, CORPORATION STOP, CURB STOP, CURB BOX AND RECONNECTION OF EXISTING SERVICE.
- 22. ALL UTILITY CROSSINGS/OFFSETS SHALL INCLUDE COMPACTED STABILIZATION MATERIAL FOR FULL LENGTH OF CROSSING.
- 23. INSTALLATION OF ALL SANITARY SEWER AND MANHOLES SHALL INCLUDE TEMPORARY BY-PASS PUMPING. ALL COSTS ASSOCIATED WITH THE TEMPORARY PUMPING SHALL BE INCLUDED IN THE VARIOUS LINE ITEMS TO INSTALL SAID MATERIALS, COMPLETE.
- 24. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER DURING SHOP DRAWING REVIEW.
- 25. SEPARATE PAYMENT WILL NOT BE MADE FOR EXCAVATION, DEWATERING, FITTINGS, PIPE BEDDING, SHEETING, BRACING, SHORING, INLET CONNECTIONS, TRAPS, AND SUITABLE BACKFILL MATERIAL INVOLVED IN ALL PIPE AND ASSOCIATED STRUCTURES REMOVAL, RECONSTRUCTION AND INSTALLATION, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL REGARDLESS OF DEPTH.
- 26. WORK TO BE PERFORMED BY PSE&G TO BE PAID FOR UNDER SEPARATE CONTRACT AND IS NOT INCLUDED AS A PART OF THIS BID.
- 27. PAYMENT FOR OBSTRUCTION REMOVAL SUCH AS TREE ROOTS AND EXISTING INFRASTRUCTURE WHICH MAY INTERFERE WITH THE PROPOSED CONSTRUCTION, SHALL BE INCLUDED IN THE ITEM "SITE WORK".
- 28. EXISTING SANITARY SEWER MAINS & LATERALS SHOWN MAY NOT BE ACCURATE DUE TO INCOMPLETE UTILITY INFORMATION. CONTRACTOR IS RESPONSIBLE FOR LOCATING, CLEANING, JETTING, AND VACUUMING ALL EXISTING SANITARY SEWER LINES, INLET AND MANHOLE STRUCTURES. EXISTING CLEANOUTS AND SERVICE LATERALS SHALL BE REPLACED AS DIRECTED BY THE RESIDENT ENGINEER. CONTRACTOR SHALL PREPARE SUBMITTAL UPON PROPER FIELD LOCATION AND INVERT VERIFICATION SHOWING REVISED SEWER LAYOUT IF APPLICABLE. PAYMENT SHALL BE INCLUDED UNDER VARIOUS SANITARY SEWER ITEMS.
- 29. A MINIMUM OF ONE (1) FOOT OF PAVING SHALL BE REMOVED AROUND THE PERIMETER OF ALL MANHOLE AND INLET CASTINGS TO ENSURE A MINIMUM OF TWO (2) INCHES OF SURFACE COURSE IS PROVIDED AROUND THEM. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "HOT MIX ASPHALT 9.5M64 SURFACE COURSE".
- 30. AT ALL LIMITS OF PAVING (L.O.P.) THE CONTRACTOR SHALL SAWCUT, TACK COAT AND SEAL TO MATCH EXISTING PAVEMENT. SEPARATE MEASUREMENT AND PAYMENT FOR ALL THIS WORK SHALL NOT BE MADE AND ALL COSTS SHALL BE INCLUDED IN THE PAVING ITEMS OF BID.
- 31. ALL TREE REMOVALS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO REMOVAL. ALL TREE PLANTINGS ARE APPROXIMATE WITH FINAL LOCATIONS TO BE ESTABLISHED IN THE FIELD BY THE AUTHORITY.
- 32. THE CONTRACTOR SHALL UTILIZE A QUALIFIED ARBORIST FOR ALL TREE TRIMMINGS.
- 33. ALL SANITARY & STORM SEWER CONSTRUCTION SHALL COMPLY WITH THE AUTHORITY'S "DESIGN, CONSTRUCTION, INSPECTION AND TESTING MANUAL". COST ASSOCIATED WITH TESTING (INFILTRATION, EXFILTRATION, PIPE ALIGNMENT, TELEVISION) SHALL BE INCLUDED IN THE VARIOUS PIPE ITEMS OF THE PROPOSAL.
- 34. PRESSURE TESTING OF ALL SANITARY & STORM SEWER SEWERS (INCLUDING RCP) SHALL BE PERFORMED IN ACCORDANCE WITH AUTHORITY STANDARDS. RCP SEWERS ABOVE 24 INCHES IN DIAMETER SHALL BE JOINT TESTED IN ACCORDANCE WITH ASTM.
- 35. ALL RCP SHALL BE LINED ON THE INTERIOR WITH A COAT OF TAR EPOXY SEAL COAT WITH A MINIMUM OF 4 MILS IN THICKNESS (DRY FILM THICKNESS)
- 36. THE AUTHORITY MUST BE GIVEN 72 HOURS ADVANCE NOTICE OF STORM/SANITARY SEWER/WATERMAIN WORK AND THE REPRESENTATIVES MUST WITNESS THE WORK AND CONNECTION.

- 37. MANHOLE FRAMES AND COVERS ARE TO PROVIDE FOR A THIRTY-INCH CLEAR-OPENING AT THE COVER IN ORDER TO ALLOW EASIER ACCESS UNDER CONFINED SPACE ENTRY REQUIREMENTS. CAMPBELL FOUNDRY PATTERN NUMBER 1009 OR NJDOT APPROVED EQUAL.
- 38. MANHOLE COVERS SHALL BE A SOLID TYPE MARKED WITH "ELSA SEWER".
- 39. THE CONTRACTOR SHALL NOT BE PERMITTED TO UTILIZE ANY KIND OF HMA VIBRATORY ROLLER OR VIBRATORY DRUM COMPACTOR ON THIS PROJECT. ALTERNATIVE COMPACTION TECHNIQUES, SUCH AS STATIC ROLLERS, SHALL BE APPROVED BY THE RESIDENT ENGINEER.

#### ENVIRONMENTAL COMMITMENTS:

- 1. IMPLEMENT SOIL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION AS PER SCD DETAILS. 2. IMPLEMENT STANDARD MEASURE FOR CONSTRUCTION RELATED NOISE AND AIR QUALITY IMPACT CONTROLS AS PER OSHA.
- 3. BEST MANAGEMENT PRACTICE WILL BE UTILIZED DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING ENVIRONMENTALLY SENSITIVE AREAS AS PER DEP REGULATIONS.
- 4. CONSTRUCTION STAGING ACTIVITIES (INCLUDING STORAGE OF EQUIPMENT, VEHICLES AND MATERIALS) ARE PROHIBITED IN THE ENVIRONMENTALLY SENSITIVE AREA OR GREEN ACRES ENCUMBERED PROPERTIES.

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- COORDINATE SYSTEM (NAD-1983 / 2011 ADJ.) AND THE VERTICAL
- BASED ON THE CURRENT TAX MAPS OF THE TOWNSHIP OF EWING, MERCER COUNTY, NEW JERSEY. ADJOINING PROPERTY AND AND HAVE NOT BEEN FIELD VERIFIED.

BY REMINGTON & VERNICK ENGINEERS UNDER THE SUPERVISION OF CHARLES E. ADAMSON, N.J.P.L.S. LICENSE NO. 42627. THE SURVEY WORK WAS COMPLETED ON OCTOBER 11, 2022.

HORIZONTAL AND VERTICAL OF ANY UNDERGROUND UTILITY OR







#### SCHEDULE OF REQUIREMENTS

ZONE: LIMITED INDUSTRIAL (LI)					
CODE	PERMITTED	EXISTING	PROPOSED		
	INDIVIDUAL PRIN	ICIPAL USE			
MINIMUM LOT AREA	5 AC.	34.32 AC. ±1,494,818 SF	NO CHANGE		
MINIMUM LOT FRONTAGE	400 FT	N/A	NO CHANGE		
MINIMUM LOT WIDTH	400 FT	510.0 FT	NO CHANGE		
MINIMUM LOT DEPTH	400 FT	1,795.3 FT	NO CHANGE		
MINIMUM FRONT YARD	125 FT	N/A	NO CHANGE		
MINIMUM SIDE YARD	75 FT	46.4 FT (E)*	NO CHANGE		
MINIMUM REAR YARD	75 FT	607.5 FT	164.1 FT		
MAXIMUM BUILDING HEIGHT	38 STORIES OR 3 FT	3 STORIES	NO CHANGE		
MAXIMUM IMPERVIOUS SURFACE RATIO	0.75	0.38	.38		
MAXIMUM FLOOR AREA RATIO	0.20	0.03	0.03		
ACCESSORY BUILDING AND USES					
NO ACCESSORY BUILDING OR USE SHALL BE LOCATED IN A FRONT YARD	NO ACCESSORY BUILDING OR USE SHALL BE LOCATED IN A FRONT YARD	N/A	NO CHANGE		
MINIMUM SIDE YARD	35 FT	46.6 FT	NO CHANGE		
MINIMUM REAR YARD	35 Ft	607.5 FT	164.1 FT		
MINIMUM DISTANCE TO OTHER BUILDINGS	50 Ft	19.1 FT (E)*	NO CHANGE		
MAXIMUM HEIGHT	HALF THE HEIGHT OF THE PRINCIPAL BUILDING TO WHICH IT RELATES	2 STORIES (E)*	NO CHANGE		

REQUESTED BULK VARIANCE LIST:

- 1. §430.J STREAM BUFFERS. THERE SHALL BE NO DISTURBANCE, INCLUDING BUT NOT LIMITED TO, GRADING AND THE PLACEMENT OF BUILDINGS, WITHIN 100 FEET OF THE 100-YEAR FLOOD PLAIN OF A STREAM ALONG ALL STREAM CORRIDORS OR FROM THE UPPER BANK FOR WHICH A FLOOD PLAIN LINE HAS NOT BEEN ESTABLISHED.
- 2. \$430.J.3C A RIPARIAN ZONE 50 FEET WIDE SHALL BE MAINTAINED ALONG BOTH SIDES OF ALL WATERS.
- REQUESTED CHECKLIST WAIVER LIST: 1. SUBMISSION ITEM NO. 18: METES AND BOUNDS SHOWING DIMENSIONS, BEARINGS, CURVE DATA, LENGTH OF TANGENTS, RADII, ARCS, CHORDS AND CENTRAL ANGLES AS FOLLOWS: A. OUTER BOUNDARIES OF LOT(S) B. PROPOSED NEW INTERIOR LOT(S) OR RIGHTS-OF-WAY
- SUBMISSION ITEM NO. 25: COPY OF AND DELINEATION OF ANY EXISTING OR PROPOSED DEED RESTRICTIONS OR COVENANTS.
   SUBMISSION ITEM NO. 26: ANY EXISTING OR PROPOSED EASEMENT OR LAND RESERVED FOR OR DEDICATED TO PUBLIC USE. A. METES AND BOUNDS
- DESCRIPTION.
- DESCRIPTION.
   SUBMISSION ITEM NO. 50: LIGHTING PLAN & DETAILS.
   SUBMISSION ITEM NO. 51: LANDSCAPE PLAN OVERLAID ON GRADING PLAN, PLANT LIST, PLANTING DETAILS AND TREE PROTECTION DETAILS. PLANT LIST TO INCLUDE: BOTANICAL NAME, COMMON NAME, QUANTITY, SIZE AT TIME OF PLANTING, ROOT CONDITION, AND SPACING.

**GRAPHIC SCALE** 

1 INCH = 100 FT.

200'

300'

100'

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EWING LAWRANCE SEV	VAGE AUTHORITY				Y RE PRO D BE ENSI ENSI T AN PTA TOW XPO NFFI HARI LIAT ISES H E	O O A F		-, NEE	AL     NJ     C	
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TOWNSHIP OF LAWRENCE MERCER CC	DUNTY NEW JERSEY	No.	REVISION	DATE BY CH	NICK SOF USE JECT ON & CAND CANDR ON & STOR STOR M STOR M	A R ID.	487	R 366	2 0 2 2	
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1"=3' VERTICAL 1"=30' HORIZONTAL

GRAPHIC SCALE 0 30' 60' 90' 1 INCH = 30 FT.	DRAWN BY :         DESIGN BY :         CH           A.C.F.         -         -           DATE :         05/16/2024         -           JOB No. :         1102M026         -	HECKED BY: SCALE: J.D.H. AS NOTED SHEET No.: C-10
	FORCE MAIN PROFILE	MINOR SITE PLAN - ELSA VEHICLE STORAGE BUILDING 600 WHITEHEAD ROAD; BLOCK 1202, LOT 2 TOWNSHIP OF LAWRENCE MERCER COUNTY NEW JERSEY
		PER TOWNSHIP CHECKLIST       3     PER TOWNSHIP CHECKLIST       2     PER NJDEP COMMENTS       1     PER ELSA PRE REVIEW       No.     REVISION
TATION PLANS)	ENGINEERS AND AFFILIATES SERVICE IN RESPECT OF THE F INTENDED OR REPRESENTED TO BY OWNER OR OTHERS ON EXTE OR ON ANY OTHER PROJECT WRITTEN VERIFICATION OR ADAF VERNICK ENGINEERS AND AFFIL PURPOSE INTENDED WILL BE AT WITHOUT LIABILITY OR LEGAL EX & VERNICK ENGINEERS AND AFFIL DAMAGES, LOSSES AND EXPEN R E S U L T I N G T	ARE INSTRUMENTS OF PROJECT. THEY ARE NOT PBE SUITABLE FOR REUSE INSIONS OF THE PROJECT ANY REUSE WITHOUT PTATION BY REMINGTON & LATES FOR THE SPECIFIC OWNERS SOLE RISK AND XPOSURE TO REMINGTON IFFILIATES; AND OWNER IARMLESS REMINGTON & LATES FROM ALL CLAIMS, ISES ARISING OUT OF OR H E R E F R O M H E R E F R O M
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LIMIT OF DISTURBANCE LINE OFFSET FOR GRAPHICAL PURPOSES. ACTUAL LIMIT OF DISTURBANCE TO OCCUR AT LIMIT OF SILT FENCE OR LIMIT OF GRADING. SOIL EROSION & SEDIMENT CONTROL LEGEND LIMIT OF DISTURBANCE (TYPICAL) SILT FENCE (TYPICAL) STABILIZED CONSTRUCTION ACCESS (TYPICAL) STABILIZED CONSTRUCTION ACCESS (TYPICAL) SDETERMINED BY THE STATE POLICY MAP, THE PROJECT AREA FALLS WITHIN THE METROPOLITAN PLANNING AREA (PA1). UNDER EXISTING CONDITIONS, THE SITE IS NOT COVERED IN WOODY VEGETATION NOR REGROWTH. IN ACCOORDANCE WITH NEW JERSEY STANDARD FOR LAND GRADING (REVISED 2017), NON WOODY VEGETATION AND REGROWTH. IN ACCORDANCE WITH NEW JERSEY STANDARD FOR LAND GRADING (REVISED 2017), NON WOODY VEGETATION ADD GRADING (REVISED 2017), NON WOODY VEGETATION ADD GRADING (REVISED 2017), NON WOODY VEGETATION ADD BEFINED BY NJEEP AS "PREVIOUSLY DEVELOPED".	SOIL EROSION & SEDIMENT CONTROL PLAN	EWING LAWRANCE SEWAGE AUTHORITY         MINOR SITE PLAN - ELSA VEHICLE STORAGE BUILDING         00 WHITEHEAD ROAD; BLOCK 1202, LOT 2         TOWNSHIP OF LAWRENCE         MERCER COUNTY
GRAPHIC SCALE 0 20' 40' 60' 1 INCH = 20 FT.	DRAWN BY :         DESIGN BY :           A.C.F.         -           DATE :         05/16/2024           JOB No. :         1102M026	CHECKED BY : SCALE : J.D.H. AS NOTED SHEET No. : C-11

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SOIL EROSION AND SEDIMENT CONTROL NOTES
1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
<ol> <li>APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.</li> <li>THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE</li> </ol>
<ol> <li>ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE NEW JERSEY STANDARDS AND THEIR RATES SHOULD BE INCLUDED IN THE NARRATIVE. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE NEW JERSEY</li> </ol>
STANDARDS (I.E. PEG AND TWINE, MULCH NETTING OR LIQUID MULCH BINDER). 6. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF LIME, FERTILIZER AND SEED APPLICATION AND RATES OF APPLICATION AT THE REQUEST OF THE CAMDEN COUNTY SOIL CONSERVATION DISTRICT.
<ol> <li>ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH AT A RATE OF 2 TONS PER ACRE, ACCORDING TO THE NEW JERSEY STANDARDS IMMEDIATELY FOLLOWING ROUGH GRADING.</li> </ol>
8. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES. 9. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT. 10. A CRUSHED STONE THE CLEANING RAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS FYISTS. THE STABILIZED RAD WILL BE INSTALLED ACCORDING TO THE
STANDARD FOR STABILIZED CONSTRUCTION ACCESS 11. ALL DRIVEWAYS MUST BE STABILIZED WITH 2 ½"CRUSHED STONE OR SUBBASE PRIOR TO INDIVIDUAL LOT CONSTRUCTION.
12. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. 13. ALL CATCH BASIN INLETS WILL BE PROTECTED ACCORDING TO THE CERTIFIED PLAN.
14. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL. 15. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. THE SEDIMENT FILTER SHOULD BE COMPOSED OF A SUITABLE SEDIMENT FILTER FABRIC (SEE DETAIL) THE BASIN MUST BE DEWATERED TO NORMAL POOL WITHIN 10 DAYS OF THE DESIGN STORM
16. NJSA 4:24-39, ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE ALL PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES. ALL SITE WORK FOR THE PROJECT MUST BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF
COMPLIANCE AS A PREREQUISITE TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY. 17. MULCHING IS REQUIRED ON ALL SEEDED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED TO PROMOTE EARLIER VEGETATION COVER. 18. OFFSITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE FROSION CONTROL INSPECTOR
19. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION. 20. THE CAMDEN COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 72 HOURS PRIOR TO ANY LAND DISTURBANCE.
21. ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS. 22. IMMEDIATELY AFTER THE COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL. THE STOCKPILE MUST BE STABILIZED ACCORDING TO THE STANDARD FOR TEMPORARY
VEGETATIVE COVER. STABILIZE TOPSOIL PILE WITH STRAW MULCH FOR PROTECTION IF THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING. ALL SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY AND THE BASE MUST BE PROTECTED WITH A SEDIMENT BARRIER.
23. ANY CHANGES TO THE SITE PLAN WILL REQUIRE THE SUBMISSION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE CAMDEN COUNTY SOIL CONSERVATION DISTRICT. THE REVISED PLAN MUST BE IN ACCORDANCE WITH THE CURRENT NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL. 24. METHODS FOR THE MANAGEMENT OF HIGH ACID PRODUCING SOILS SHALL BE IN ACCORDANCE WITH THE STANDARDS. HIGH ACID PRODUCING SOILS ARE THOSE FOUND TO CONTAIN IRON SULFIDES OR HAVE A DH OF 4 OR LESS.
25. TEMPORARY AND PERMANENT SEEDING MEASURES MUST BE APPLIED ACCORDING TO THE NEW JERSEY STANDARDS, AND MULCHED WITH SALT HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS (I.E. PEG AND TWINE, MULCH NETTING OR LIQUID MULCH BINDER).
26. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT. 27. DUST IS TO BE CONTROLLED BY AN APPROVED METHOD ACCORDING TO THE NEW JERSEY STANDARDS AND MAY INCLUDE WATERING WITH A SOLUTION OF CALCIUM CHLORIDE AND WATER
28. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE. 29. USE STAGED CONSTRUCTION METHODS TO MINIMIZE EXPOSED SURFACES, WHERE APPLICABLE.
30. ALL VEGETATIVE MATERIAL SHALL BE SELECTED IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK OF THE AMERICAN ASSOCIATION OF THE NURSERYMEN AND IN ACCORDANCE WITH THE NEW JERSEY STANDARDS. 31. NATURAL VEGETATION AND SPECIES SHALL BE RETAINED WHERE SPECIFIED ON THE LANDSCAPE PLAN.
32. THE SOIL EROSION INSPECTOR MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DIRECTED BY THE DISTRICT INSPECTOR.
1. SITE PREPARATION 1. SITE PREPARATION
<ol> <li>GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.</li> <li>INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS.</li> </ol>
2. SEEDBED PREPARATION 2.1. APPLY LIMESTONE AND FERTILIZER. FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. APPLY LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS: LBS./1000
SOIL TEXTURE TONS/ACRE SQ. FT. CLAY, CLAY LOAM, AND HIGH
SANDY LOAM, LOAM, SILT LOAM 2 90
LOAMY SAND, SAND 1 45
PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.
2.2. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE DEPARTED
2.3. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AS ABOVE. 2.4. SOILS HIGH ON SULFIDES OR HAVING A pH OF 4 OR LESS SHOULD BE MULCHED ONLY. 3. SEEDING
3.1. SEE TEMPORARY SEED MIXTURE FOR SPECIES AND APPLICATION RATES. 3.2. APPLY SEED UNIFORMLY BY HAND, CYCLONE(CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. MULCH SHALL NOT BE INCLUDED IN A HYDRO-SEEDER TANK WITH SEED. SEED. SHALL BE INCORDORATED INTO THE SOLL BY DAKING OR DRACCING, DEDTH OF SEED R
ON COURSE TEXTURED SOIL. 3.3. AFTER SEEDING, FIRMING THE SOIL SHALL BE PERFORMED WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY, AND
IMPROVE SEEDING EMERGENCE. 4. MULCHING - MULCHING IS REQUIRED ON ALL SEEDING.
4.1. MULCH MATERIALS SHOULD BE UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, OR SALT HAY TO BE APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRIMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION MUST BE DOUBLE THE LOWER RATE MULCH CHOPPER-BLOWERS MUST NOT CRIND THE MATERIAL
4.2. SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75% TO 95% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION.
4.3. MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS.
BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISSCROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.
<ul> <li>4.3.2. MULCH NETTING – STAPLE PAPER, JUTE, COTTON, OR PLASTIC NETTING TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.</li> <li>4.3.3. CRIMPER(MULCH ANCHORING TOOL) – A TRACTOR – DRAWN IMPLEMENT, SOMEWHAT LIKE A DISC HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH 3 TO 4 INCHES INTO THE SOIL SO AS TO ANCHOR IT AND LEAVE PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS TRAVERSABLE BY A TRACTOR WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIEVING OR ADHESIVE</li> </ul>
AGENT IS REQUIRED. 4.4. WOOD-FIBER OR PAPER-FIBER MULCH AT THE RATE OF 1,500 POUNDS PER ACRE MAY BE APPLIED BY A HYDROSEEDER. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.
THIS SEEDING MIXTURE IS COMPOSED OF A SINGLE SPECIES WHICH GERMINATES QUICKLY IN ORDER TO REDUCE SOIL EROSION UNTIL A PERMANENT VEGETATIVE COVER CAN BE COVER ESTABLISHED. A MIXTURE OF EQUAL QUALITY MAY BE SUBSTITUTED IF APPROVED BY OUR OFFICE.
<u>%</u> <u>COMMON NAME</u> <u>BOTANICAL NAME</u>
THE MINIMUM APPLICATION RATE FOR THIS SEEDING MIXTURE SHALL BE FOUR (4) POUNDS/1000 SQUARE FEET OR 160 POUNDS/ACRF.
THE OPTIMAL SEEDING DATES FOR PERRENNIAL RYEGRASS FOR CAMDEN COUNTY REGION ARE 2/15 - 4/30 AND 8/15 - 10/30. SUMMER SEEDING SHALL BE PERFORMED ONLY
IF ADEQUATE IRRIGATION IS PROVIDED TO ENSURE SUCCESSFUL GERMINATION.

PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION	TOP SOILING
1. SITE PREPARATION 1.1. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH	TOPSOIL SHOULD BE USED WHERE SO THAN pH4.0) OR SALTY (COND- ACT
APPLICATION, MULCH ANCHORING, AND MAINTENANCE. 1.2. EVALUATE SUBSOIL FOR COMPACTION ACCORDING TO SOIL COMPACTION TESTING REQUIREMENTS AS DESCRIBED ON THIS PLAN SHEET.	OF IMPROVED VEGETATIVE GROWTH IS
1.3. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES. TOPSOIL SHALL BE AMENDED WITH ORGANIC MATTER,	1.1. TOPSOIL SHOULD BE FRIABLE
AS NEEDED, IN ACCORDANCE WITH TOPSOILING REQUIREMENTS AS DESCRIBED ON THIS PLAN SHEET. 1.4. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL	0.5 MILLIMPOL TO PER CENTIMET
STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. 2. SEEDBED PREPARATION 2. SEEDBED PREPARATION	2. STRIPPING AND STOCKPILING
2.1. APPLY GROUND LIMESTONE AND FERTILIZER. FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-10-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN, UNLESS A SOIL TEST INDICATES	2.1. FIELD EXPLORATION SHOULD B 2.2. STRIPPING SHOULD BE CONFIN
OTHERWISE, AND INCORPORATED INTO THE SURFACE 4 INCHES. APPLY LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS:	2.3. WHERE FEASIBLE, LIME MAT DI TESTS, SEE LIME RATE GUIDE
LBS./1000 SOIL TEXTURE TONS/ACRE SQ. FT.	2.4. A 4-0 INCH STRIFFING DEFIN
CLAY, CLAY LOAM, AND HIGH ORGANIC SOIL 4 180	3. SITE PREPARATION 3.1 GRADE AS NEEDED AND FEAS
SANDY LOAM, LOAM, SILT LOAM 3 135	AND ANCHORING, AND MAINTEI 3.2. SUBSOIL SHOULD BE TESTED
LOAMY SAND, SAND 2 90	INCORPORATED INTO THE SOIL 3.3. IMMEDIATELY PRIOR TO TOPSO
PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.	3.4. EMPLOY NEEDED EROSION CO SEDIMENTATION BASINS, AND V
2.2. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW,	4. APPLYING TOPSOIL 4.1. TOPSOIL SHOULD BE HANDLED
TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS AND COURSE SANDS SHOULD BE	4.2. A UNIFORM APPLICATION TO SULFIDE SHALL BE COVERED V
2.3. REMOVE FROM THE SEEDBED WHEREVER FEASIBLE.	
2.4. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS	DUST CONTROL
3. SEEDING 3. SFE PERMANENT SEED MIXTURE FOR SPECIES AND APPLICATION RATES	1. THE PURPOSE OF DUST CONTROL AND OFF-SITE DAMAGE & HEALTH
3.2. APPLY SEED UNIFORMLY BY HAND, CYCLONE(CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER.	1.1. <u>MULCHES</u> – REVIEW MULCHING 1.2. <u>VEGETATIVE COVER</u> – REVIEW I
SEEDING, SEED SHALL BE INCORPORATED INTO THE SOIL WITHIN 24 HOURS OF SEEDBED PREPARATION TO A DEPTH OF 1/4 TO 1/2	1.3. <u>SPRAY-ON ADHESIVES</u> - ON 1.4 MATERIAL
INCH, BY RAKING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/4 INCH DEEPER ON COURSE TEXTURED SOIL. 3.3. AFTER SEEDING, FIRMING THE SOIL SHALL BE PERFORMED WITH A CORRUGATED ROLLER TO ASSURE GOOD SEED-TO-SOIL CONTACT,	ANIONIC ASPHALT EMULSION
RESTORE CAPILLARITY, AND IMPROVE SEEDING EMERGENCE. 4. MULCHING – MULCHING IS REQUIRED ON ALL SEEDING.	RESIN IN WATER
4.1. STRAW OR HAY. MULCH MATERIALS SHOULD BE UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, OR SALT HAY, AND SHALL BE APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A	1.5 TILLAGE - TO ROUGHEN SURE
CRIMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION MUST BE 3 TONS PER ACRE (70 POUNDS PER 1.000 SQUARE FEET). MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MATERIAL.	BEFORE SOIL BLOWING START SPRING-TOOTHED HARROWS AF
4.2. SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THAT AT LEAST 85% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH. DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90	1.6. <u>SPRINKLING</u> – SITE IS SPRINKL 1.7 BARRIERS – SOUD BOARD F
POUNDS WITHIN EACH SECTION. 4.3. MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE	CONTROL AIR CURRENTS AND S
DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS. 4.3.1. PEG AND TWINE- DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL	
DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISS-CROSS AND SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.	SOIL DE-COMPACTION AND TESTING REQU
4.3.2. MULCH NETTING- STAPLE PAPER, JUTE, COTTON, OR PLASTIC NETTING TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.	
4.3.3. CRIMPER (MULCH ANCHORING TOOL) – A TRACTOR-DRAWN IMPLEMENT, SOMEWHAT LIKE A DISC HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH 3 TO 4 INCHES INTO THE SOIL SO AS TO ANCHOR IT AND LEAVE	THE SITE IS NOT COVERED IN WOO
PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS TRAVERSABLE BY A TRACTOR, WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIFYING OR ADHESIVE AGENT IS REQUIRED.	N.J.D.E.P. AS "PREVIOUSLY DEVELOP
4.4. WOOD-FIBER OR PAPER-FIBER MULCH SHALL BE MADE FROM WOOD, PLANT FIBERS OR PAPER CONTAINING NO GROWTH OR GERMINATION INHIBITING MATERIALS AND APPLIED AT THE RATE OF 1,500 POLINDS PER ACRE (OR AS RECOMMENDED MY THE PRODUCT	General Notes
MANUFACTURER) BY A HYDROSEEDER. MULCH SHALL NOT BE MIXED IN THE TANK WITH SEED. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL	1. A REPORT OF COMPLIANCE MU
5. IRRIGATION 5. IRRIGATION 5. IRRIGATION	TO BOTH COMPLETE (FINAL) A
VEGETATION IS WELL ESTABLISHED). THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE PERFORMED IN ABNORMALLY DRY OR HOT WEATHER	ADDRESS.
OR ON DROUGHTY STIES. * 6. TOP DRESSING	2. THE CONTRACTOR SHALL BE R RESULT OF CONSTRUCTION OF
6.1. SPRING SEEDING WILL REQUIRE AN APPLICATION OF FERTILIZER SUCH AS TO-TO-TO OR EQUIVALENT AT 400 POUNDS PER ACRE OR TO POUNDS PER 1,000 SQUARE FEET BETWEEN SEPTEMBER 1 AND OCTOBER 15.	3. THE CONTRACTOR SHALL REMO ADJACENT TO THE PROJECT SI
6.2. FALL SEDING WILL REQUIRE THE ABOVE BETWEEN MARCH 15 AND MAT T. 6.3. MIXTURES DOMINATED BY WEEPING LOVEGRASS OR LEGUMES MAY NOT NEED TOPDRESSING.	
APPLICATION OF PERMANENT VEGETATION RESTS WITH THE CONTRACTOR. THE TIMING OF SEEDING, PREPARATION OF SEEDED, APPLICATION OF NUTRIENTS, MULCH AND OTHER MANAGEMENT STRATEGIES ARE ESSENTIAL. ESTABLISHING PERMANENT VEGETATION OF SEEDED, AND MOMENT AND A CONTRACTOR. THE DESCENTIAL ESTABLISHING PERMANENT VEGETATION OF SEEDED, AND MOMENT AND A CONTRACTOR. THE DESCENTIAL ESTABLISHING PERMANENT VEGETATION OF SEEDED, AND MOMENT AND A CONTRACTOR. THE DESCENTIAL ESTABLISHING PERMANENT VEGETATION OF SEEDED, AND MOMENT AND A CONTRACTOR. THE DESCENTIAL ESTABLISHING PERMANENT VEGETATION OF SEEDED, AND MOMENT AND A CONTRACTOR. THE DESCENTIAL ESTABLISHING PERMANENT VEGETATION OF SEEDED, AND MOMENT AND A CONTRACTOR.	SEQUENCE OF CONSTRUCTION
PERMANENCY OF THE TURF SHOULD OTHER MAINTENANCE FACTORS BE NEGLECTED OR OTHERWISE MISMANAGED.	
* IF SLOW RELEASE NITROGEN (300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT) IS USED IN ADDITION TO SUGGESTED FERTILIZER,	DISTURBANCE TO ARRANGE A F
	2. THE ORIGINAL MERCER COUNTY
THE FOLLOWING SEED MIXTURE APPLICATION IS REQUIRED FOR PERMANENT STARILIZATION AS INDICATED ON THE SOUL EROSION AND	INCLO.
SEDIMENT CONTROL PLANS.	4. CI FARING SITE
COMMON NAME BOTANICAL NAME LBS/ACRE (LBS/1,000 SQ. FT.)	5 CONSTRUCT AND CRADE CONCE
BLEND OF 3 CULTIVARS	6 INSTALL PERMANENT STARIUTA
THE OPTIMAL SEEDING DATES FOR THIS GRASS MIXTURE FOR USDA ZONE 7A ARE 8/15 - 10/30. SUMMER SEEDING SHALL BE PERFORMED	7. CONTACT THE MERCER COUNTY
UNLT IF ADEQUATE IRRIGATION IS PROVIDED TO ENSURE SUCCESSFUL GERMINATION.	8. REMOVE ALL SOIL FROSION AND
VULPAT BUILDY	

URE SPECIAL NOTES

TEMPORARY STABILIZATION – ALL EXPOSED AREAS NOT TO BE CONSTRUCTED UPON WITHIN 14 DAYS SHOULD RECEIVE TEMPORARY STABILIZATION. THE TEMPORARY SEEDING MIXTURES SHALL BE ANNUAL RYE GRASS AT A RATE OF 4 POUND PER 1000 SQ. FT. LIMED AT A RATE OF 45 LBS. PER 1000 SQ. FT.
 PERMANENT STABILIZATION – ALL EXPOSED AREAS WHICH ARE TO BE PERMANENTLY VEGETATED SHOULD BE SEEDED WITHIN 7 DAYS OF FINAL GRADING, ACCORDING TO THE PERMANENT SEEDING SPECIFICATIONS.

TOTAL AREA OF DISTURBANCE: <u>1.30 ACRES</u>

SED WHERE SOILS ARE: SANDS, GRAVELY SOILS, CLAYS, SILTY CLAYS, VERY SHALLOW, OR WHERE THEY ARE EXTREMELY ACID (LESS Y (COND- ACTIVITY GREATER THAN 1.0 MILLIMHOS PER CENTIMETER); OR WHERE TOPSOIL IS AVAILABLE ON SITE AND ASSURANCE VE GROWTH IS DESIRED. D BE FRIABLE AND LOAMY, FREE OF DEBRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE THAT MAY D PLANT GROWTH. A pH RANGE OF 5.0-7.5 IS ACCEPTABLE. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN PER CENTIMETER). TOPSOIL HAULED IN FROM OFF SITE SHOULD HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.75 PERCENT. R CONTENT MAY BE RAISED BY ADDITIVES. ICKPILING TON SHOULD BE MADE TO DETERMINE WHETHER QUANTITY AND/OR QUALITY OF SURFACE SOIL JUSTIFIES STRIPPING. JL BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. C, LIME MAY BE APPLIED BEFORE STRIPPING AT A RATE DETERMINED BY SOIL TESTS TO BRING THE SOIL pH TO 6.5. IN LIEU OF SOIL R POPING DEPTH IS COMMON, BUT MAY VARY DEPENDING ON THE PARTICULAR SOIL. TOPSOIL SHOULD BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF-SITE ENVIRONMENTAL DAMAGE. DUILD BE VEGETATED IN ACCORDANCE WITH TEMPORARY SEEDING STANDARDS PREVIOUSLY DESCRIBED HEREIN. DED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION S, AND MAINTENANCE. DED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION S, AND MAINTENANCE.	REMIN & VEF ENGI 2059 SPRIN CHERRY HI (856) 795-9595, F	JE JGTON NGTON NICK NEERS GDALE ROAD LL, NJ 08003 AX (856) 795-1882
INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES. INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES. INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES. D EROSION CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, BASINS, AND WATERWAYS. D BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING SOIL STRUCTURE; I.E., LESS THAN FIELD CAPACITY. PLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS RECOMMENDED. SOILS WITH A pH OF 4.0 OR LESS OR CONTAINING IRON BE COVERED WITH A MINIMUM DEPTH OF 12 INCHES OF SOIL HAVING A pH OF 5.0 OR MORE. UST CONTROL MEASURES IS TO PREVENT THE BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCE ON-SITE AGE & HEALTH HAZARDS, AND IMPROVE TRAFFIC SAFETY. HEW MULCHING NOTES ABOVE. ER – REVIEW NOTES ON TEMPORARY COVER. ESIVES – ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS. MATER DILUTION <u>TYPE OF NOZZLE</u> <u>APPLY GALLON/ACRE</u> 1 1 511 FINE SPRAY 235 4:1 FINE SPRAY 230 ( BEAN SOAP STICK NONE COARSE SPRAY 1200 ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A E. TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED LOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, AND D HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT. THE SPRINKLED UNTIL THE SURFACE IS WET. DUD BOARD EFFORCES SNOW EFFORCES IS WET. DUD BOARD EFFORCES NOW EFFORCES IS W	WEB ADDRE Certification of Authori <b>Excellence • Inv</b> DATE: 09-00 <b>DENNIS H</b> NJ PROFESSIONAL EN DATE: 09-00 JESSICA D NJ PROFESSIONAL EN	SS : RVE.COM zation: 24 GA 28003300 $zation \cdot Service$ 3 - 2024 A A YODER GINEER LIC. No. 31866 3 - 2024 HAUBER GINEER LIC. No. 51487
ARCHINE AND UNIT BUSINESSIONE OR COARSE GRAVEL.  DESTRET REQUERTED.  DESTRET RECEIPTION  HE STATE POLICY MAP THE PROJECT AREA FALLS WITHIN THE METROPOLITAN PLANNING AREA (PA1), UNDER EXISTING CONDITIONS, WEED IN WOOLY VECETATION NOR REGRAVITH. IN ACCORDANCE WITH THE NEW JERSEY STANDARD FOR LAND GRADING (REVISED GEORATED PAI AREAS FALL UNDER THE SOIL COMPACTION EXCEPTION LIST AS AN 'URBAN REDEVELOPMENT' AND IS DEFINED BY USY DEVELOPED'.  OMPLIANCE, MUST BE OBTIANED FROM THE DISTRICT PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY FROM THE MUNICIPALITY. A DISTRICT INSPECTION FOR THE RELEASE OF A REPORT OF COMPLIANCE MUST BE MARE S WORKING DAYS IN ADVINCE. THS APPLIES IN OTO BE RELEASED FOR A UNIT FIT CAN IN STO ED EVENTIFIED. DENTIFIED. DENTIFIED ALL PRAVIDED VERTIFIED. A REPORT OF INFO THE PROJECT SUBJECT THAT MAY BE SPILLED, DROPPED OR TRACKED OF THE PROJECT SITE. ALL PAVEDRIGHT-OF-WAYS RELEVE ONLY SUBJECTION DISTRICT AT EOD-586-9603 A MINIMUM OF 72 HOURS PROOR TO ANY SOIL 1 ARRANGE A PRE-CONSTRUCTION DISTRICT CATERING AND PLANS MUST BE AVAILABLE AT THE SITE AT ALL 1 400/200 CONSTRUCTION DISTRICT AT EOD-586-9603 A MINIMUM OF 72 HOURS PROOR TO ANY SOIL 1 ARRANGE A PRE-CONSTRUCTION DISTRICT AT EOD-586-9603 A MINIMUM OF 72 HOURS PROOR TO ANY SOIL 1 ARRANGE A PRE-CONSTRUCTION DISTRICT AT EODSION MEASURES. 1	P L A N S W H I C H AN EMBOSSED SE ALL DOCUMENTS PREPARE ENGINEERS AND AFFILIA' SERVICE IN RESPECT OF TI INTENDED OR REPRESENTEI BY OWNER OR OTHERS ON E OR ON ANY OTHER PROJ WRITTEN VERIFICATION OR / VERNICK ENGINEERS AND A PURPOSE INTENDED WILL B WITHOUT LIABILITY OR LEG/ & VERNICK ENGINEERS AND A DAMAGES, LOSSES AND EX R E S U L T I N G	D O N O T B E A R AL ARE NOT VALID. D BY REMINGTON & VERNICK TES ARE INSTRUMENTS OF HE PROJECT. THEY ARE NOT D TO BE SUITABLE FOR REUSE EXTENSIONS OF THE PROJECT ECT. ANY REUSE WITHOUT ADAPTATION BY REMINGTON & FFILIATES FOR THE SPECIFIC EAT OWNERS SOLE RISK AND AL EXPOSURE TO REMINGTON & FFILIATES; AND OWNER D HARMLESS REMINGTON & FFILIATES; AND OWNER D HARMLESS REMINGTON & FFILIATES FROM ALL CLAIMS, PENSES ARISING OUT OF OR T H E R E F R O M D A FEIX D A FFILIATES FROM ALL CLAIMS, PENSES ARISING OUT OF OR T H E R E F R O M D A FEIX D A COMMENT D A COMMENT D A FEIX D A COMMENT D A COMMENT
	SOIL EROSION AND SEDIMENT CONTROL NOTES	EWING LAWRANCE SEWAGE AUTHORITY MINOR SITE PLAN - ELSA VEHICLE STORAGE BUILDING 600 WHITEHEAD ROAD; BLOCK 1202, LOT 2 TOWNSHIP OF LAWRENCE MERCER COUNTY NEW JERSEY
	DRAWN BY :         DESIGN BY :           A.C.F.         -           DATE :         05/16/2024           JOB No. :         1102M026	CHECKED BY:     SCALE :       J.D.H.     AS NOTED       SHEET No. :       C-12



#### EMBEDDING DETAIL

ANGLE FIRST STAKE TOWARD — PREVIOUSLY LAID BALE

SILT FENCE PERIMETER -

CRUSHED STONE SIZE NO.: 2 OR 3 — 20' — -CONSTRUCTION SITE (MIN)  $\leftarrow$ (MIN) 12" — (MIN) - FILTER FABRIC STABILIZED CONSTRUCTION ENTRANCE (SEE PLAN FOR WIDTH) N.T.S. INSERT 1" REBAR FOR REMOVAL OF BAG FROM INLET/ DUMP STRAP (TYP.) FILTER FABRIC, TYPAR STYLE -3341, OR APPROVED EQUAL, TO BE TIED TO FENCE AT TOP  $\wedge$ DRAWSTRING RUNNING -THROUGH FABRIC ALONG TOP OF FENCE WITH WIRE AT THREE FOOT INTERVALS. / 1 1/2"ø MINIMUM POST 4'-0" MIN. -LENGTH (SPACING 8'-0" C. TO C.) FABRIC SECURED TO POST WITH METAL FASTENERS AND REINFORCEMENT BETWEEN FASTENER AND FABRIC. LENGTH=L SILT ACCUMULATION 24" MIN. FLOW ╧╓╩╬ 6" ╗╝╝ 24" MIN. \_\_\_\_\_ - FILTER FABRIC DIG 6" WIDE & DEEP <sup>—</sup> TRENCH, BURY BOTTOM 1'—0" OF FABRIC, TAMP IN PLACE SECTION ELEVATION SILT FENCE DETAIL N.T.S.







tsiNJIMercer Cnty/ELSA11102M026 - ELSA Vehicle Storage Building\Design\3. 1102M026 Drawings\D - 1102M026.dwg 12/5/2024 9:53:54 AM