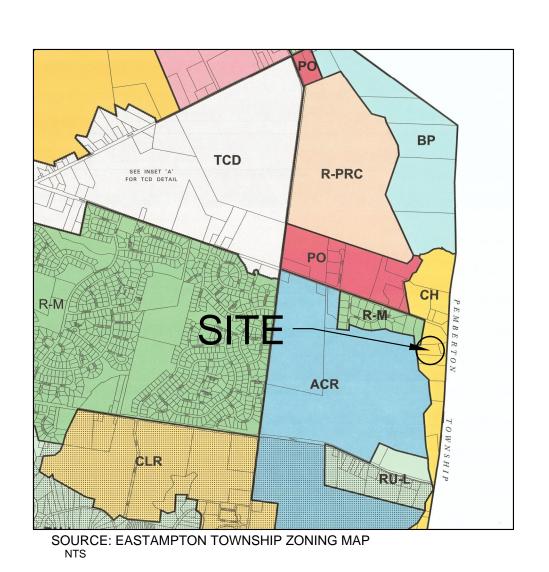
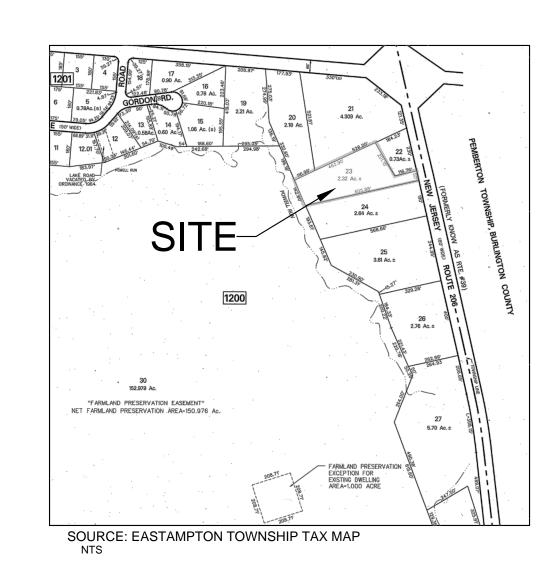
### OWNER & ADDRESS REPORT 08/19/16 Page 1 of 1 PROPERTY LOCATION 1438 WOODLANE ROAD 2525 ROUTE 206 2523 ROUTE 206 Manager-Corporate Properties 80 Park Plaza T6B Newark N.J. 07102 Department of Transportation PO Box 600 Trenton NJ 08625-0600 **Burlington County Board** Of Taxation 49 Rancocas Road Mt. Holly NJ 08060 PEMBERTON TOWNSHIP CERTIFIED 200 FT LIST

# MINOR SITE PLANS FOR BLOCK 1200, LOTS 23 & 24 TOWNSHIP OF EASTAMPTON BURLINGTON COUNTY, NEW JERSEY





## 2521 ROUTE 206

#### REQUIRED APPROVALS

EASTAMPTON TOWNSHIP PLANNING BOARD BURLINGTON COUNTY PLANNING BOARD EASTAMPTON TOWNSHIP POLICE DEPARTMENT EASTAMPTON TOWNSHIP FIRE MARSHALL BURLINGTON COUNTY SOIL COSERVATION DISTRICT

THE CONTRACTOR AND/OR OWNER SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING STRUCTURES AND UTILITIES, WHICH HE DEEMS NECESSARY, BOTH ABOVE AND BELOW THE GROUND SURFACE HEAVY EQUIPMENT ENTERS THE SITE

FINAL INQUIRIES TO "UNDERGROUND UTILITIES" (PHONE #: 1-800-272-1000) SHALL BE MADE BY THE CONTRACTOR AND/OR OWNER WITHIN SEVEN (7) DAYS OF ENTERING THE SITE. THE CONTRACTOR AND/OR OWNER SHALL COORDINATE AND VERIFY THE METHOD OF UTILITY LOCATION WITH THE APPROPRIATE UTILITY COMPAN'

IN GENERAL, THE VERTICAL DESIGN OF PROPOSED GRAVITY UTILITIES, AS SHOWN ARE INFLUENCED BY THE EXISTING GRAVITY UTILITIES ONLY, WHICH MAY NECESSITATE THE RELOCATIONS OF OTHER UTILITIES.

UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE, AND BASED ON

**INDEX** 

SHEET NO. DESCRIPTION **COVER SHEET** OVERALL SITE PLAN GRADING PLAN LIGHTING PLAN SOIL EROSION AND SEDIMENT CONTROL PLAN SOIL EROSION AND SEDIMENT CONTROL DETAILS CONSTRUCTION DETAILS

#### NOTES:

OWNER / APPLICANT: 2200 ROWDY GOATS, LLC FRANK TAYLOR 2519 ROUTE 206

MOUNT HOLLY, NJ 08060

1. THE PARCEL IN QUESTION IS KNOWN AS BLOCK 1200, LOTS 23 & 24, (4.92 AC.) OF EASTAMPTON TOWNSHIP AND IS LOCATED WITHIN THE CH (COMMERCIAL HIGHWAY DISTRICT) ZONING DISTRICT OF EASTAMPTON TOWNSHIP.

2. TOPOGRAPHIC, PLANIMETRIC AND OUTBOUND INFORMATION SHOWN HEREON TAKEN FROM PLAN ENTITLED "TOPOGRAPHIC SURVEY, 2521 ROUTE 206, BLOCK 1200, LOTS 23, EASTAMPTON TOWNSHIP, BURLINGTON COUNTY, NEW JERSEY", PREPARED BY TRI-STATE ENGINEERING & SURVEYING, PC, DATED 3/8/22.

3. ADJACENT LOT NUMBERS REFER TO EASTAMPTON TOWNSHIP TAX MAPS, SHEET #12.

4. ALL MATERIALS, METHODS AND DETAILS OF CONSTRUCTION SHALL CONFORM TO THE REGULATIONS OF THE BOROUGH OF PINE HILL, CAMDEN COUNTY, THE STATE OF NEW JERSEY AND /OR THE APPROPRIATE UTILITY COMPANY WHICHEVER REGULATIONS TAKES PRECEDENCE. THE SITE SHALL CONFORM TO MOST RECENT VERSION OF CHAPTER 14 (FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION) OF THE IFC, NEW JERSEY

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING STRUCTURES AND UTILITIES BOTH ABOVE AND BELOW GROUND SURFACE BEFORE ENTERING THE CONSTRUCTION SITE. FINAL INQUIRIES TO "UNDERGROUND UTILITIES" (1-800-272-1000) SHALL BE MADE BY THE CONTRACTOR WITHIN 72 HOURS OF ENTERING THE SITE. THE CONTRACTOR SHOULD COORDINATE AND VERIFY THE METHOD OF LOCATION WITH THE APPROPRIATE UTILITY COMPANY.

6. IN GENERAL THE VERTICAL DESIGN OF PROPOSED GRAVITY UTILITIES AS SHOWN ARE INFLUENCED BY THE EXISTING GRAVITY UTILITIES AND OTHER UTILITIES MAY HAVE TO BE RELOCATED. UTILITIES SHOWN ON THE

7. ELECTRIC, GAS, TELEPHONE AND CABLE TV SERVICE SHALL BE INSTALLED UNDERGROUND AT THE SITE IN ACCORDANCE WITH THE REGULATIONS OF THE LOCAL UTILITY COMPANIES AND PINE HILL BOROUGH, WHICHEVER REGULATION TAKES PRECEDENCE.

8. ALL REINFORCED CONCRETE STORM DRAIN PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-76 AND SHALL BE RUBBER GASKETED, CLASS III, WALL "B" PIPE EXCEPT WHERE COVER IS LESS THAN PERMITTED BY R.S.I.S. IN WHICH CASE PIPE SHALL BE CLASS IV. WALL"B".

9. PROVIDE 10-FOOT MIN. HORIZONTAL SEPERATION BETWEEN SEWER AND WATER MAINS.PROVIDE 18-INCHES MIN. VERTICAL CLEARANCE BETWEEN SEWER/WATER MAINS AND PIPES CROSSING ABOVE. IF LESS THAN 18-INCHES,

SUPPORT TOP PIPE WITH CONCRETE SADDLE. 10. ALL CONCRETE SHALL BE 4,000 P.S.I. AT 28 DAY COMPRESSIVE STRENGTH EXCEPT MACHINE PLACED, WHICH

11. ALL TRAFFIC CONTROL DEVICES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. SIGN MATERIALS SHALL BE MADE OF REFLECTIVE SHEETING ON ALUMINUM BLANKS MOUNTED ON STEEL U-CHANNEL POSTS. ALL CONFORMING TO N.J.D.O.T. STANDARD SPECIFICATIONS AND THE PINE HILL BOROUGH LAND USE ORDINANCE.

SHALL BE 4,500 P.S.I. AT 28 DAY COMPRESSIVE STRENGTH.

STATE AND FEDERAL REGULATIONS.

21. NO TOPSOIL SHALL BE REMOVED FROM THE SITE.

12. IN ACCORDANCE WITH SECTION 2B.48 OF THE CURRENT MUTCD, WHEN SIGN ARROWS ARE USED TO INDICATE THE EXTENT OF ZONES, THE SIGNS SHOULD BE SET AN ANGLE OF NOT LESS THAN 30 DEGREES OR MORE THAN

45 DEGREES WITH THE LINE OF TRAFFIC FLOW IN ORDER TO BE VISIBLE TO APPROACHING TRAFFIC. 13. ALL GRADED SLOPES SHALL NOT EXCEED THREE (3) FEET HORIZONTALLY TO ONE (1) FOOT VERTICALLY,

14. ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH LOCAL,

15. ALL AREAS NOT COVERED BY PAVEMENT, SIDEWALK OR BUILDINGS ARE TO BE COVERED WITH FOUR (4)

16. ALL EXPOSED CONCRETE FLATWORK (CURB, SIDEWALK, DRIVEWAY APRONS, ETC.) SHOULD HAVE4-6% AIR

17. AT THE END OF EACH WORK DAY, ALL ROADWAYS SHALL BE SWEPT CLEAN AND ALL OPEN TRENCHES SHALL BE BACKFILLED AND THE PUBLIC PROTECTED FROM THE WORK AREA.

18. ALL TREES SHALL BE LIMBED TO 7 FEET AND SHRUBS SHALL HAVE A MATURE HEIGHT OF 30 INCHES WITHIN SIGHT TRIANGLES.

19. THE OWNER OR HIS REPRESENTATIVE IS TO DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR CONSTRUCTION SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENTS PURSUANT TO N.J.A.C. 5:23-2.21(e) OF THE N.J. UNIFORM CONSTRUCTION CODE AND CFR 1926.32(f) (OSHA COMPETENT PERSON)

20. SUBBASE OUTLET DRAINS TO BE PROVIDED AT INLETS, WHERE DIRECTED BY TOWNSHIP ENGINEER.

22. TRASH AND RECYCLING PICK-UP SHALL BE A PRIVATE WASTE HAULER AND SHALL ONLY BE PERMITTED BETWEEN THE HOURS OF 7AM AND 10PM IN ACCORDANCE WITH TOWNSHIP ORDINANCE.

23. ALL PARKING STRIPING TO BE 4" WHITE THERMOPLASTIC OR LIFE LONG EPOXY, HANDICAP STRIPING TO BE 4" BLUE THERMOPLASTIC OR LIFE LONG EPOXY, STOP BAR STRIPING TO BE 24" WHITE THERMOPLASTIC OR LIFE LONG EPOXY, AND CROSSWALK STRIPING TO BE 12" WHITE THERMOPLASTIC OR LIFE LONG EPOXY

24. LOTS 23 & 24 TO BE CONSOLIDATED UPON APPROVAL OF THIS SITE PLAN.

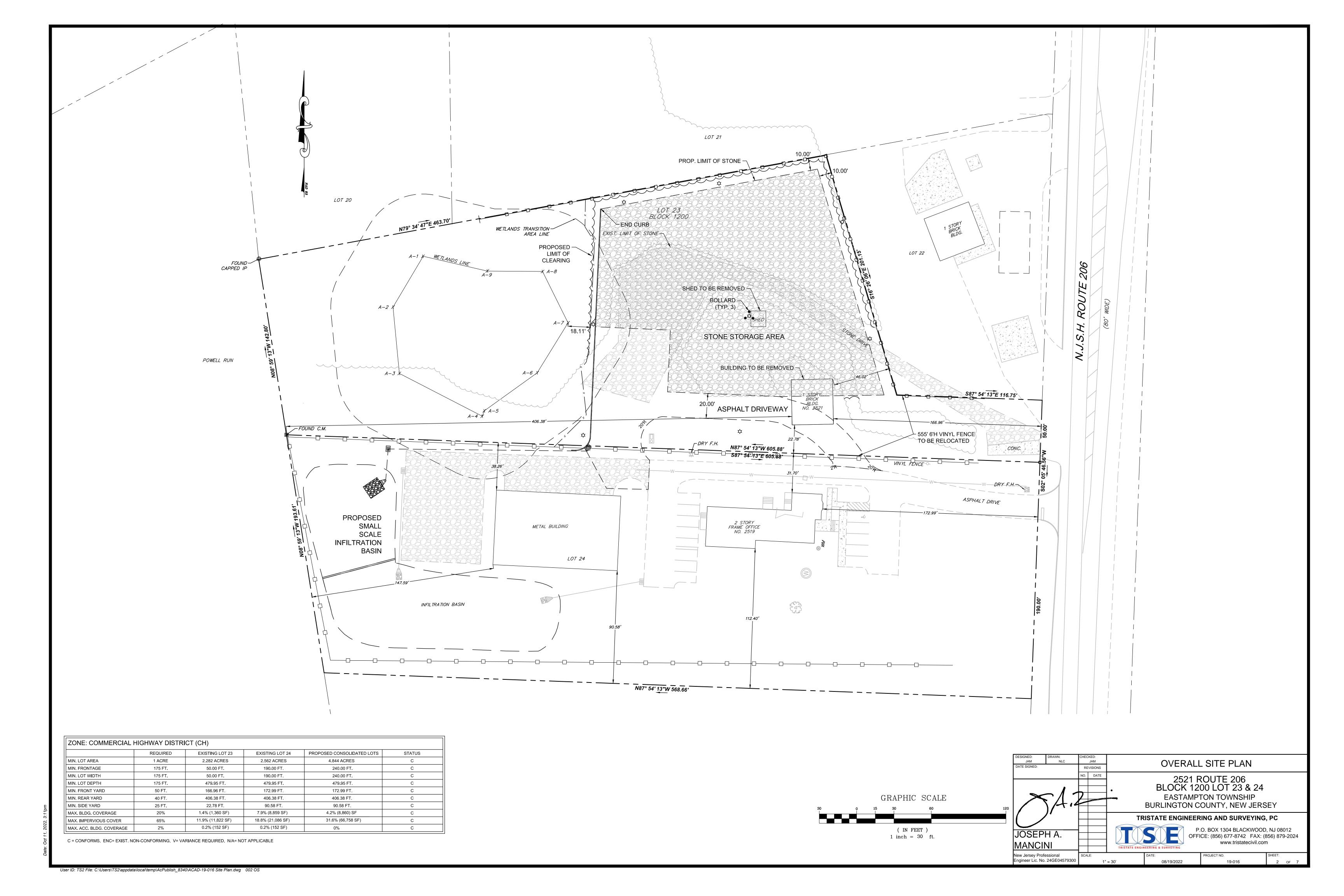
25. PER FEMA MAP 340095 SUBJECT PROPERTY IS WITHIN AREA OF MINIMAL FLOOD HAZARD ZONE X

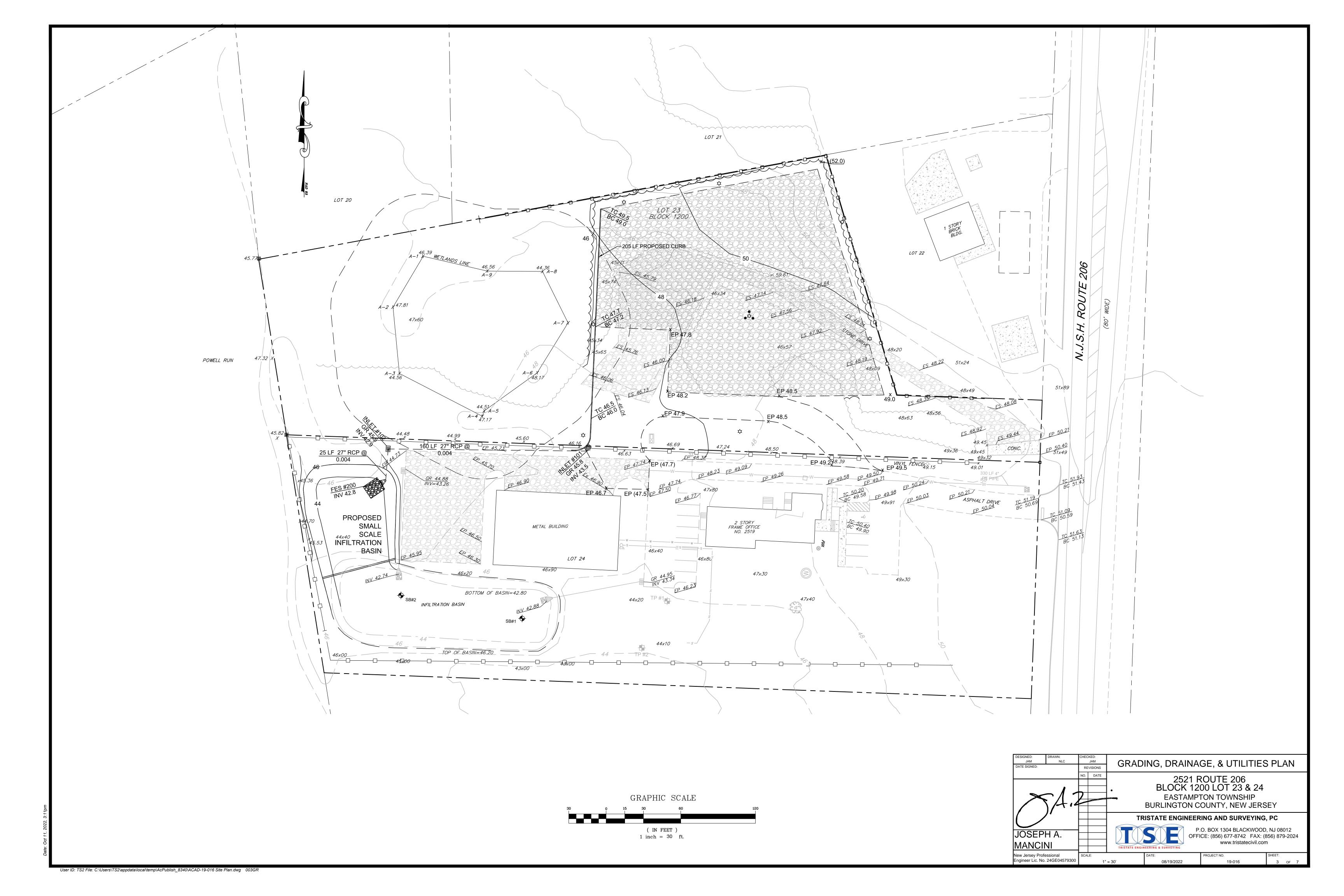
#### APPROVED BY THE EASTAMPTON TOWNSHIP PLANNING BOARD

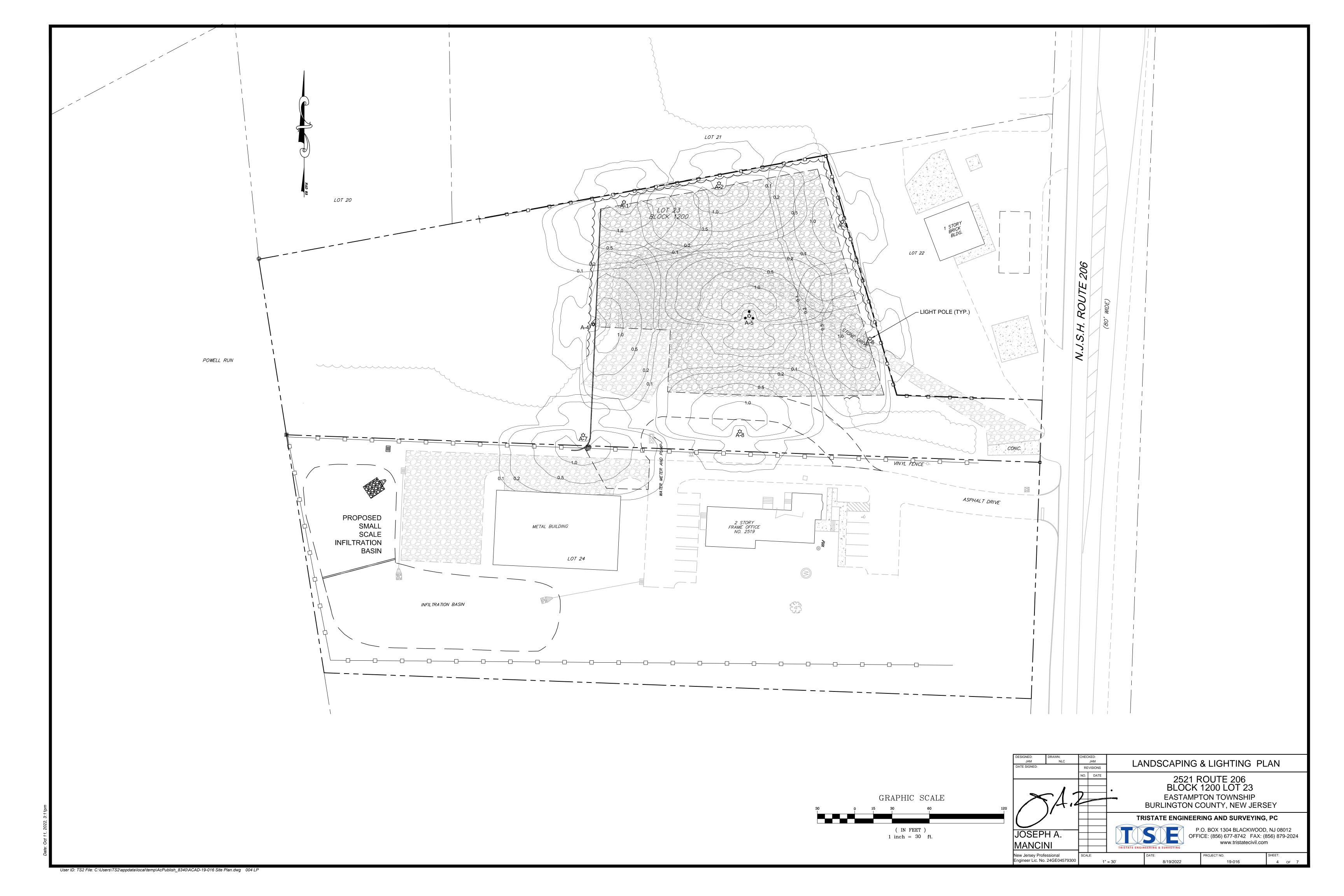
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BOARD ENGINEER	DATE
MUNICIPAL CLERK	 DATE

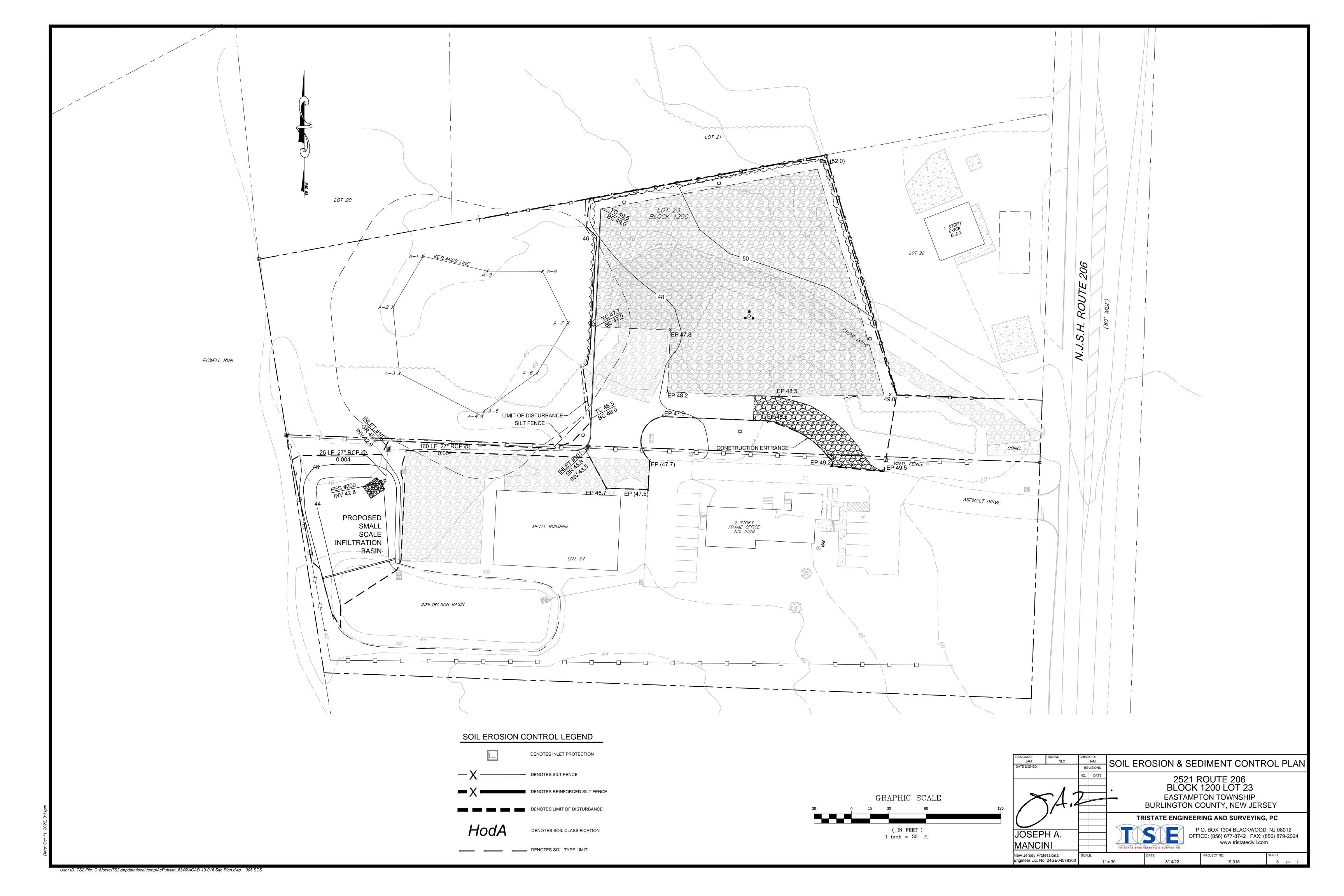
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Ail				EASTAMPTON TOWNSHIP BURLINGTON COUNTY, NEW JERSEY							
				TRISTATE ENGINEERING AND SURVEYING, PC							
JOSEP	H A.					O. BOX 1304 BLACKWOOD CE: (856) 677-8742 FAX: (8	856) 879-2024				
MANCI	NI			TRISTATE ENGINEERING & SURVEYING  WWW.tristatecivil.com							
New Jersey Prof Engineer Lic. No	essional . 24GE04579300	SCA		SHOWN	DATE: 08/19/2022	PROJECT NO. 19-016	SHEET: 1 OF 7				

EXISTING INFORMATION RECEIVED FROM UTILITY COMPANIES









#### ACID SOIL CONDITIONS AND MITIGATION PROCEDURES: GENERAL MITIGATION STANDARDS

- OF ACID PRODUCING SOIL, THEN SAMPLES SHALL BE OBTAINED AND TESTED AT A SOIL TESTING LABORATORY. IF ANY SULFIDIC OR SULFURIC MATERIALS (INDICATING THE PRESENCE OF ACID SOILS) ARE IDENTIFIED, THIS MATERIAL AND ANY CONTAMINATED SOIL SHALL NOT BE EXPOSED FOR MORE THAN ONE (1) DAY EXCEPT WHERE NECESSARY FOR THE CONDUCT OF THE PROJECT.
- THE AREA OF ACID-PRODUCING DEPOSITS EXPOSED SHALL BE NO LARGER THAN THAT WHICH IS ABSOLUTELY NECESSARY FOR THE CONDUCT OF THE PROJECT CONSTRUCTION SCHEDULES SHALL BE FORMULATED TO PROVIDE MINIMUM PRACTICABLE
- . WHERE THE TOP LAYER OF SOIL (REMAINING AFTER CLEARANCE OF VEGETATION) IS FREE FROM ACID-PRODUCING DEPOSITS, SUCH SOIL SHALL BE STRIPPED AND STOCKPILED SEPARATELY FROM THE DEEPER, ACID-PRODUCING DEPOSITS TO BE EXPOSED. NO ACID-PRODUCING DEPOSITS SHALL BE INCLUDED IN THIS STOCKPILE.
- ACID-PRODUCING DEPOSITS (INCLUDING SOIL CONTAMINATED WITH SUCH DEPOSITS AND CONTAMINATED SOIL WASHED FROM CONSTRUCTION EQUIPMENT) SHALL NOT BE EXPOSED FOR MORE THAN ONE (1) DAY EXCEPT WHERE ABSOLUTELY NECESSARY FOR THE CONDUCT OF THE PROJECT. IF SUCH DEPOSITS MUST BE EXPOSED FOR MORE THAN ONE (1) DAY, THEY SHALL BE COVERED WITH PULVERIZED LIMESTONE AT THE RATE OF THIRTY (30) TONS PER ACRE (1,375 LBS, PER 1,000 SQ, FT.) AND THEN COVERED WITH A WINNIE WAS COME FOR THE CONTROL OF THE PROPOSITS. MINIMUM OF ONE FOOT OF COMPACTED TOPSOIL (FREE OF ACID-PRODUCING DEPOSITS WITHIN ONE (1) WEEK AFTER EXPOSURE, OR BEFORE THE PH OF A WELL-MIXED SAMPLE ROM THE UPPERMOST TWO (2) INCHES OF THE EXPOSED DEPOSIT DROPS TO 4.0,
- EXCAVATED MATERIAL SHALL BE RETURNED TO TRENCHES OR PITS IN THE ORDER OF ITS REMOVAL, I.E., LOWER MATERIAL FIRST, FOLLOWED BY UPPER MATERIAL. HOWEVER, IF ACID-PRODUCING DEPOSITS ARE FOUND ONLY IN THE UPPER MATERIAL, THEN THE UPPER MATERIAL SHOULD BE RETURNED FIRST. THIS EXCEPTION ALSO APPLIES TO THE FOLLOWING SITUATION. WHERE ACID-PRODUCING DEPOSITS ARE STOCKPILED ON SOIL UNCONTAMINATED WITH SUCH DEPOSITS, THE TOP TWO (2) INCHES OF SUCH SOIL SHALL BE SCRAPED OFF AND BURIED ALONG WITH THE LOWER MATERIAL. THE SURPLUS MATERIAL RESULTING DUE TO PERMANENT GRADE REDUCTION, PLACEMENT OF PIPES OR OTHER STRUCTURES, AND SOIL SCRAPED FROM AREAS UNDER TEMPORARY STOCKPILES OF ACID-PRODUCING DEPOSITS SHALL BE SUBSTITUTED FOR AN EQUAL QUANTITY OF DEEPER MATERIAL WHICH IN TURN WILL BE REMOVED TO A SUITABLE DISPOSAL SITE. AFTER BACKFILLING THE DEEPER MATERIAL, PULVERIZED LIMESTONE SHOULD BE SPREAD OVER THE TOP OF THE MATERIAL, AT THE RATE OF TEN (10) TONS PER ACRE (460 LBS. PER 1,000 SQ. FT.), BEFORE THE APPLICATION OF THE SURFACE LAYER OF SOIL. THIS LINING PROCEDURE IS APPLICABLE ONLY IN WELL-DRAINED AREAS. THE TOP LAYER OF SOIL, FREE OF ACID-PRODUCING DEPOSITS, STRIPPED AND STOCKPILED IN ITEM #1 ABOVE, SHALL THEN BE REPLACED IF NECESSARY, ADDITIONAL QUANTITIES OF TOPSOIL SHALL BE IMPORTED SO AS TO ENSURE AT LEAST ONE (1) FOOT DEEP COVER OF SOIL, FREE OF ACID-PRODUCING
- I. EQUIPMENT USED FOR EXCAVATING OR BACKFILLING ACID-PRODUCING DEPOSITS SHALL BE CLEANED AT THE END OF EACH DAY'S OPERATION, TO THE EXTENT PRACTICABLE, IN SUCH A WAY THAT WILL NOT CAUSE THE SPREADING OF ACID-PRODUCING DEPOSITS ONTO UNCONTAMINATED SOIL. THE SOIL REMOVED MUST BE PLACED IN THE TRENCH BELOW A DEPTH OF TWO (2) FEET.
- EVERY EFFORT SHALL BE MADE TO MINIMIZE THE SPREADING OR MIXING OF ACID-PRODUCING DEPOSITS (INCLUDING SOIL CONTAMINATED WITH SUCH DEPOSITS) ONTO OR INTO SOIL FREE OF SUCH DEPOSITS (ON OR OFF THE CONSTRUCTION SITE). NO CONSTRUCTION SHALL TAKE PLACE DURING SIGNIFICANT RAINSTORMS OR WHILE THE GROUND IS SATURATED, IF SUCH CONSTRUCTION IS LIKELY TO SMEAR OR SPREAD GROUND IS SATURATED, IF SUCH CONSTRUCTION IS LIKELY TO SMICAR OR SPREAD ACID-PRODUCING DEPOSITS OVER UNCONTAMINATED SOIL OR INTO WATERWAYS. IF ACID-PRODUCING DEPOSITS MUST BE STOCKPILED ON TOP OF SOIL FREE OF SUCH DEPOSITS, THE AREA USED FOR STOCKPILING SHALL BE MINIMIZED. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE APPLIED WHERE ACID-PRODUCING DEPOSITS ARE EXPOSED OR STOCKPILED, TO PREVENT OR REDUCE THE MOVEMENT OF ACID-PRODUCING MATERIAL INTO STREAMS OR ONTO CONTAMINATED SOIL
- TEMPORARY VEGETATIVE COVER SHALL NOT BE USED FOR STABILIZATION OF ACID-PRODUCING DEPOSITS UNLESS THE LIMING AND TOPSOIL APPLICATION REQUIREMENTS OF ITEM #3 AND THE SURFACE SOIL PH REQUIREMENTS OF ITEM #9 ARE FIRST MET. OF MULCHING AND SHALL BE IMPLEMENTED BY THE END OF THE CONSTRUCTION DAY MULCHING FOR TEMPORARY STABILIZATION IS NOT A SUBSTITUTE FOR THE LIMESTONE AND TOPSOIL APPLICATION REQUIREMENTS OF ITEMS #2 AND #3. MULCH SHALL NOT BE DIRECTLY APPLIED TO THE EXPOSED SURFACE OF ACID-PRODUCING DEPOSITS, BUT RATHER TO THE TOPSOIL APPLIED TO COVER SUCH DEPOSITS.
- PERMANENT VEGETATION SHALL BEGIN AS SOON AS CONSTRUCTION IS COMPLETE AND AFTER THE RESULTS OF THE INCUBATION TESTS, WHERE NECESSARY, ARE AVAILABLE.
- PRIOR TO RESTORING VEGETATED AREA. THE SOIL SPECIALIST SHALL PERFORM PH TESTS ON THE SOIL. IF THE PH IS BELOW 4.0, THIS IS AN INDICATION THAT ACID SOILS HAVE BEEN MIXED INTO THE SOIL, NECESSITATING AN INTENSIVE LIMING EFFORT IN ORDER TO MAKE THE SOIL SUITABLE FOR PLANT SURVIVAL. THE PH OF THE SURFACE LAYER OF SOIL (ONE (1) FOOT MINIMUM THICKNESS) MUST BE RAISED TO 5.0 BEFORE SEEDBED
- 0. THE INCUBATION TEST REQUIRES THAT A SOIL SAMPLE BE OXIDIZED FOR SIX (6) WEEKS. IF THE PH IS BELOW 4.0, LIME REQUIREMENT TESTS SHALL BE PERFORMED BY THE SOILS SPECIALIST TO DETERMINE THE LIME APPLICATION RATES.
- MITIGATION PROCEDURES MUST BE FOLLOWED IF CONSTRUCTION WILL EXPOSE ACID-PRODUCING DEPOSITS DURING CONSTRUCTION. THE PERIOD OF EXPOSURE SHOULD BE HELD TO A MINIMUM AND MEASURES TAKEN TO COVER SUCH DEPOSITS TO PREVENT ACCELERATION OF THE OXIDATION PROCESS.
- ONE (1) FOOT OF SOIL FREE OF ACID-PRODUCING DEPOSITS SHALL BE SPREAD OVER THE EXPOSED DEPOSIT SURFACE. THE PH OF SUCH SOIL SHALL BE 5.0 OR GREATER. THE TEXTURE OF THE SOIL SHALL FALL WITHIN THE FOLLOWING TEXTURAL CLASSES (U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE CLASSIFICATION):

NO MORE THAN TEN (10) PERCENT OF THE SOIL (BY MASS) MAY CONSIST OF COURSE

LOAM, SILT LOAM, SILT

THE SOIL THAT IS TO BE SPREAD PURSUANT TO ITEM #2 SHALL BE COMPACTED. THE SOIL SHALL NOT BE COMPACTED TO A BULK DENSITY EXCEEDING 1.7 GRAMS PER CUBIC CENTIMETER, AND THE LIMING AND PH REQUIREMENTS OUTLINED ABOVE SINCE THE OXIDATION OF SULFIDE MINERALS AND RESULTING GENERATION OF ACID COMMENCES AS THE ACID-PRODUCING DEPOSITS ARE EXPOSED, THE SOIL LAYER SHALL BE APPLIED PROMPTLY TO THE NEWLY EXPOSED DEPOSITS WITHIN OR ALONG THE BASIN OR CHANNEL. TO ACCOMPLISH THIS, BASIN OR CHANNEL EXCAVATION SHALL PROCEED (WHERE NECESSARY) IN STAGES, SCHEDULED IN SUCH A WAY THAT NO

UPPERMOST TWO (2) INCHES OF THE DEPOSIT TO DROP TO 4.0, WHICHEVER IS LESS.

- IN SOME PLACES IT MAY NOT BE PRACTICAL TO COVER THE ACID-PRODUCING DEPOSITS N SOME PLACES IT MAY NOT BE PRACTICAL TO COVER THE ACID-PRODUCING DEPOSITS
  WITH A SOIL-LIMESTONE MIXTURE IN THE MANNER DESCRIBED ABOVE BECAUSE OF STEEP
  SLOPES OR BECAUSE OF RUNNING WATER THAT CANNOT BE DIVERTED DURING
  CONSTRUCTION. IN SUCH CASES, PLASTIC LINERS SHALL BE UTILIZED, PLACING THEM OVER
  THE NEWLY EXPOSED ACID-PRODUCING DEPOSIT WITH SUITABLE PROTECTION. ANY FILL MATERIAL PLACED OVER THE PLASTIC LINER SHALL BE FREE OF ACID-PRODUCING
- MATERIAL STORAGE & DISPOSAL 1. STOCKPILE SATISFACTORY MATERIALS WHERE DIRECTED UNTIL REQUIRED FOR USE AS BACKFILL OR FILL . STOCKPILES SHALL BE GRADED FOR PROPER DRAINAGE.
- A. SUITABLE SITES SHALL BE LEVEL, DEVOID OF MATURE STANDS OF NATURAL VEGETATION AND BE REMOVED FROM DRAINAGE FACILITIES AND FEATURES, WETLANDS
- B. THE STOCKPILE AREA SHALL BE SURROUNDED BY SILT FENCING OR ANOTHER ACCEPTABLE EROSION CONTROL MEASURE. WHERE FILL IS TO BE STORED IN EXCESS OF FOURTEEN (14) DAYS, A SUITABLE MEANS OF PROTECTING EXCAVATED MATERIAL FROM EROSION CLIALLED FAMILIONED.
- DISPOSE OF EXCESS SOIL MATERIAL AND WASTE MATERIALS AS HEREIN SPECIFIED. XCAVATED MATERIAL UNSUITABLE FOR BACKFILLING SHALL BE KEPT SEPARATE FROM ITHER MATERIALS EXCAVATED AND DISPOSED OF. MATERIAL SUITABLE FOR BACKFILLING HALL NOT BE DISPOSED OF UNTIL COMPLETION OF FILLING OR BACKFILLING OPERATIONS. ACID-PRODUCING DEPOSITS (INCLUDING EARTH CONTAMINATED WITH SUCH DEPOSITS) THAT ARE NOT BACKFILLED AND COVERED SHALL BE DISPOSED OF ON OR OFF THE PROJECT SITE IN A SUITABLE MANNER AND LOCATION. DISPOSAL OF EXCESS EXCAVATED MATERIAL
- IN WETLANDS, STREAM CORRIDORS AND FLOODPLAINS IS STRICTLY PROHIBITED. ACID-PRODUCING DEPOSITS SHALL NOT BE DISCHARGED INTO STREAMS, INDISCRIMINATELY SPREAD OVER UNCONTAMINATED SOIL, OR SOLD OR DISTRIBUTED AS TOPSOIL OR TOPSOIL AMENDMENTS SUITABLE FOR PLANT GROWTH. INSTEAD, SUCH DEPOSITS SHALL BE BURIED AT LEAST TWO (2) FEET BENEATH THE LAND SURFACE IN SUCH A MANNER THAT THE COVER MATERIAL IS NOT SUBJECT TO ACCELERATED EROSION OR UNDER PROPOSED BUILDING SLABS. STOCKPILES OF ACID PRODUCING DEPOSITS AWAITING BURIAL SHALL BE COVERED WITH PULVERIZED LIMESTONE AT THE RATE OF THIRTY (30) TONS PER ACRE 1,375 LBS. PER 1,000 SQ. FT.) AND THEN COVERED WITH A MINIMUM OF TWELVE (12) INCHES XPOSURE, OR BEFORE THE PH OF A WELL-MIXED SAMPLE FROM THE UPPERMOST TWO (2) INCHES OF THE DEPOSIT DROPS TO 4.0, WHICHEVER OCCURS FIRST. WHENEVER PRACTICABLE, THE DEPOSIT SHALL BE BURIED THE SAME DAY IT IS EXCAVATED.

#### SEEDING, LIMING, FERTILIZING AND MULCHING RATES

- 1. SEEDBED PREPARATION AND SEED APPLICATION RATES A. WORK APPROVED RATES OF LIME AND FERTILIZER INTO THE SOIL TO A DEPTH OF APPROXIMATELY 4 INCHES WITH A DISC, SPRINGTOOTH HARROOR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING PERATION MUST BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED.
- INCH WITH THE FOLLOWING RECOMMENDED SEED MIXTURE: 4/1 - 5/31 ENTUCKY BLUEGRASS 8/15 - 10/15
- C. FOR SANDY SOILS APPLY PERENNIAL RYEGRASS AT THE RATE OF 3-4 LBS PER 1,000 SQ. FT. IN ADDITION TO THE ABOVE MIXTURE. ). DETENTION BASIN SIDE SLOPES TO BE SEEDED AT A RATE OF 4 LBS
- RECOMMENDED PLANTING DATES SEED MIXTURE SWITCH GRASS
  REED CANARY GRASS
  CREEPING RED FESCUE
  RELIANT "HARD" FESCUE 4/1 - 5/31 8/15 - 10/15 CREEPING BENTGRASS
- AREAS WITHIN A FIFTY (50) FOOT RADIUS OF THE BASIN OUTLET STRUCTURE SHALL BE OVERSEEDED WITH SWITCH GRASS AT AN ADDITIONAL RATE OF 0.2 LBS. PER 1,000 SQ. FT. (8 LBS. PER ACRE). AREAS THAT ARE TEMPORARILY SEEDED SHALL BE PROTECTED BY PERENNIAL
- RYEGRASS AND/OR MULCH. SEED SHALL BE APPLIED AT THE RATE OF 2 LBS. PER 1,000 SQ. FT. (100 LBS. PER ACRE). IF THE INITIAL SEEDING DOES NOT TAKE, THE AREA SHALL BE RESEEDED. F. ALL CRITICAL AREAS SUBJECT TO EROSION SHALL RECEIVE TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH IMMEDIATELY FOLLOWING
- G. VEGETATIVE FILTER STRIP (IF APPLICABLE) TO BE SEEDED AT A RATE OF 2 LBS. PER 1,000 SQ. FT. (100 LBS. PER ACRE) WITH THE FOLLOWING MIXTURE KENTUCKY #31 TALL FESCUE

8/15 - 10/15

- H. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF SEED APPLICATION AND RATE OF APPLICATION AT THE REQUEST OF THE COUNTY SOIL CONSERVATION DISTRICT.
- A. ALL SEEDED AREAS SHALL BE LIMED AT THE RATE DETERMINED BY SOIL ANALYSIS AND APPROVED BY THE ENGINEER OR THE SOIL CONSERVATION DISTRICT, OR THE FOLLOWING RATES SHALL APPLY: SOIL TEXTURES LBS./1,000 SQ. FT HIGH ORGANIC SOIL SANDY LOAM, LOAM, SILT LOAM 3

2. LIME APPLICATION RATES

- PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.
- B. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF LIME APPLICATION AND RATE OF APPLICATION AT THE REQUEST OF THE COUNTY SOIL CONSERVATION DISTRICT. 3. FERTILIZER APPLICATION RATES
- A. ALL SEEDED AREAS SHALL BE FERTILIZED AT THE RATE DETERMINED BY SOIL ANALYSIS AND APPROVED BY THE ENGINEER OR THE SOIL CONSERVATION DISTRICT, OR AT A RATE OF 11 LBS. PER 1,000 SQ. FT. (500 LBS. PER ACRE) USING B. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF FERTILIZER APPLICATION AND RATE OF APPLICATION AT THE REQUEST OF THE COUNTY SOIL CONSERVATION DISTRICT.
- 4. MULCH APPLICATION RATES A. AREAS RECEIVING PERMANENT SEEDING SHALL BE MULCHED WITH SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70-90 LBS/1000 SQ. FT. MULCH SHALL BE SECURED
- BY APPROVED METHODS (LIQUID MULCH BINDER, CRIMPING, PEG AND TWINE). B. AREAS RECEIVING TEMPORARY SEEDING SHALL BE MULCHED WITH SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70-90 LBS/1000 SQ. FT. MULCH SHALL BE BY APPROVED METHODS (LIQUID MULCH BINDER, CRIMPING, PEG AND TWINE).
- C. ALL AREAS EXPOSED MORE THAN 30 DAYS DURING THE NON-GROWING SEASON
- D. MULCH IS REQUIRED ON ALL SEEDING. MULCH WILL INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION SHALL BE DEEMED COMPLIANCE WITH THIS MULCHING REQUIREMENT. METHOD AND APPLICATION FOR MULCHING SHALL BE IN ACCORDANCE WITH SECTION 4 OF THE NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT
- DUST CONTROL DUST CONTROL SHALL BE IN ACCORDANCE WITH SECTION 16 OF THE NEW JERSEY
- STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL. THE FOLLOWING METHODS SHALL BE USED FOR CONTROLLING DUST:
- LIMING, FERTILIZING AND MULCHING RATES" ON THIS SHEET 2. TILLAGE TO ROUGHEN THE SURFACE AND BRING CLODS TO THE SURFACE. THIS IS STARTS. PROCEED FROM THE WINDWARD SIDE OF THE SITE WITH CHISEL TOOTH
- PLOWS, 12 INCHES APART, OR SPRING TOOTH HARROWS 3. SPRINKLING OF SITE UNTIL SURFACE IS WET. SPRINKLING SHOULD BE DONE
- STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL. . TOPSOIL SHOULD BE FRIABLE, LOAMY, FREE OF DEBRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE OR ADVERSE CHEMICAL OR PHYSICAL CONDITION THAT MAY BE HARMFUL TO PLANT GROWTH.
- 2. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS RECOMMENDED SOILS WITH A pH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM DEPTH OF 12 INCHES OF SOIL HAVING A pH OF 5.0 OR MORE, IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING
- (SECTION 1 OF THE NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT
- STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL. DURING CONSTRUCTION, EXCAVATED FACILITIES NEED TO BE DEWATERED TO FACILITATE OR COMPLETE THE CONSTRUCTION PROCESS. THE WATER PUMPED OUT OF THE EXCAVATED AREAS CONTAIN SEDIMENTS THAT MUST BE REMOVED PRIOR TO DISCHARGING TO RECEIVING FIELD PLACEMENT OF DEWATERING DEVICE AND DISCHARGE LOCATION MUST BE APPROVED BY THE DISTRICT SOIL EROSION CONTROL INSPECTOR, PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.

1. CONSTRUCTION IS SCHEDULED FOR THE WINTER/SPRING OF 2017.

#### 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 THE PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY. 3. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.

4. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJEC' TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE STANDARDS. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE STANDARDS 6. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES. 7. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.

9. A CRUSHED STONE TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS EXISTS. THE RIP RAP PAD MUST BE 100 FEET IN LENGTH AND THE STONE MUST BE 1.5" - 4" IN SIZE, PLACED 12" THICK AND THE FULL WIDTH OF THE ENTRANCE. IT SHOULD BE UNDERLAIN WITH A SYNTHETIC FILTER FABRIC AND MAINTAINED. THE STRUCTURE MUST BE DELINEATED AND DETAILED ON THE PLANS. 10. IF A STONE CONSTRUCTION ACCESS IS TO BE USED AS AN EXIT ONTO A MAJOR HIGHWAY, A THIRTY (30) FOOT PAVED TRANSITION AREA SHALL BE INSTALLED. 11. ALL DRIVEWAYS MUST BE STABILIZED WITH 2 ½" CRUSHED STONE OR SUB BASE PRIOR TO INDIVIDUAL LOCONSTRUCTION.

12. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. 13. ALL CATCH BASIN INLETS WILL BE PROTECTED DURING CONSTRUCTION (FILTER DETAILS APPEAR ON 14. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.

15. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTRATION DEVICE. THE SEDIMENT FILTER MUST BE PLACED SO AS NOT TO CAUSE EROSION OF THE DOWNSTREAM AREA. FIELD PLACEMENT AND USE OF THE STRUCTURE MUST BE APPROVED BY THE DISTRICT EROSION CONTROL INSPECTOR PRIOR TO COMMENCEMENT OF DEWATERING ACTIVITIES. 16. THE BURLINGTON COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 72 HOURS PRIOR TO ANY LAND DISTURBANCE. 17. SOIL HAVING A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE MUST BE COVERED WITH A MINIMUM OF 2 INCHES OF SOIL HAVING A PH OF 5.0 OR MORE BEFORE SEEDBED PREPARATION.

8. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF LIME, FERTILIZER AND SEED APPLICATION RATES AT THE REQUEST OF THE BURLINGTON COUNTY SOIL CONSERVATION

9. NJSA 4:24-39, ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE ALL THE PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH COR 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 20. NJSA 4:24-39, ET SEQ. REQUIRES THAT UPON PERMANENT SITE STABILIZATION AND COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL APPLY TO THE SOIL CONSERVATION DISTRICT FOR A FINAL COMPLIANCE INSPECTION TO CHECK THAT ALL THE PROVISIONS OF THE CETTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES. 21. OFF SITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE DISTRICT EROSION CONTROL INSPECTOR. 22. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION. 23. ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ALL SUBSEQUENT OWNERS.

26. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 27. THE DISTRICT EROSION CONTROL INSPECTOR MAY REQUIRE ADDITIONAL MEASURES TO BE INSTALLED. 29. CONCRETE TRUCK WASHOUT AREAS WILL BE MAINTAINED ON A CONTINUAL BASIS AND AS NEEDED. 30. THE STORMWATER POLLUTION PREVENTION PLAN AND THE SPILL RESPONSE PLAN SHALL BE AVAILABLE ON SITE FOR REVIEW BY THE SCD INSPECTOR AND/OR THE NJDEP INSPECTOR. 31. THE SCD INSPECTOR OR NJDEP INSPECTOR MAY REQUIRE ADDITIONAL MEASURES FOR STORMWATER POLLUTION PREVENTION TO BE INSTALLED. 32. INSPECTIONS OF ALL STORMWATER POLLUTION PREVENTION PLAN MEASURES WILL BE CONDUCTED AND DOCUMENTED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT. 33. WASTE COLLECTION CONTAINERS WILL NOT BE PERMITTED TO OVERFLOW.

34. ANY SPILLS OF HAZARDOUS OR SANITARY WASTES WILL BE CLEANED UP IMMEDIATELY, AND IN ACCORDANCE WITH THE SPILL RESPONSE PLAN. SPILL KITS MUST BE AVAILABLE ONSITE OR ADJACENT TO THE SITE. 35. ANY HAZARDOUS SUBSTANCE RELEASES IN EXCESS OF REPORTABLE QUANTITIES (RQ) ESTABLISHED UNDER 40 C.F.R. 110, 117 AND 302 THAT OCCUR WITHIN A 24 HOUR PERIOD MUST BE REPORTED THE NATIONAL RESPONSE CENTER (800 424-8802).

#### CONSTRUCTION SEQUENCE

- INSTALLATION OF ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES PRIOR TO ANY MAJOR SOIL DISTURBANCES OR IN THEIR PROPER SEQUENCE AND MAINTENANCE UNTIL PERMANENT PROTECTION IS ESTABLISHED. CONSTRUCTION OF BASIN. (2+WEEKS)
- 2. CLEAR AND REMOVE ALL EXISTING VEGETATION, BUILDINGS, FOUNDATIONS TANKS, CURBING, BITUMINOUS AND CONCRETE PAVEMENTS, ETC., IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION (IF ANY) TO BE PROPERLY PROTECTED AND TO REMAIN IN ITS NATURAL STATE. (2+WEEKS) 3. ROUGH GRADING OF THOSE AREAS TO BE DEVELOPED, BASIN CONSTRUCTION AND
- 4. TEMPORARY STABILIZATION OF THOSE AREAS LEFT EXPOSED MORE THAN 3
- 5. LAYOUT AND LOCATION OF THE PROPOSED UTILITIES. (1+WEEK)
- 6. CONSTRUCTION OF ALL PROPOSED UTILITIES. INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES WHICH ARE EFFECTED BY THE PROPOSED UTILITIES. PERMANENT STABILIZATION OF BASIN. (1+WEEKS) 7. SUBGRADE TO BE APPLIED FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE PAVEMENT AREAS. (1+WEEK)
- 8. CONSTRUCTION OF PROPOSED CURBS. (1+WEEKS) 9. FINE GRADING OF PAVEMENT AREAS. (1+WEEK)
- 10. INSTALLATION OF BASE MATERIAL FOR PAVEMENT AREAS. (1+WEEKS) 11. PAVING OF PAVEMENT AREAS. (1+WEEKS)
- 12. FINE GRADING OF THE REMAINDER OF THE SITE. (1+WEEKS) 13. STABILIZATION OF THE SITE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING AND REMOVAL OF TEMPORARY BASIN STABILIZATION. (1+WEEK)
- 14. INSTALLATION OF SAND LAYER IN BASIN. 15. REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES, WHERE CONTRIBUTING DRAINAGE AREAS HAVE BEEN PERMANENTLY STABILIZED. (1+WEEK)
- 16. CONSTRUCTION OF PROPOSED BUILDINGS. (ON-GOING) 17. CONSTRUCTION AND PERMANENT VEGETATIVE STABILIZATION TO FINAL

### Channel Installation Detail GENERAL INSTALLATION 4. Place consecutive HPTRMs end over end (shingle style) with a 4 in. x 6 in. (10 cm-15 cm) overlap. Use a double row of staples/ 1. Prepare soil before installing the HPTRM, including any necessary application of soil amendments such as lime or fertilizer. See seeding stakes staggered 12 in. (30 cm) apart and 12 in. (30 cm) or center

and vegetating section for details regarding preseeding, overseeding or use with sod. 2. Begin at the top of the channel by anchoring the HPTRM in a 6 in. (15 cm) deep x 6 in. (15 cm) wide trench with approximately 12 in. (30 cm) of HPTRM extended beyond the upslope portion of the trench. Anchor the HPTRM with a row of anchors/staples/ stakes spaced approximately 12 in. (30 cm) apart in the bottom. of the trench. Backfill and compact the trench after stapling. Compact soil and fold remaining 12 in.(30 cm) portion of HPTRM

back over compacted soil. Secure HPTRM over soil with a row

of anchors/staples/stakes spaced approximately 12 in. (30 cm)

anchors/staples/stakes in appropriate locations as shown in the

across the width of the HPTRM.

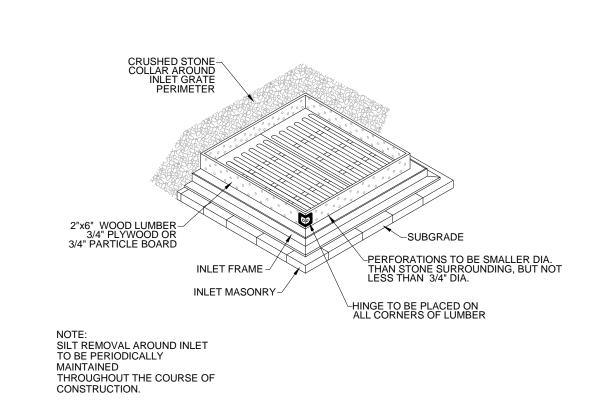
anchoring detail.

5. Full length edge of HPTRMs at top of side slopes must be anchored with a row of staples/stakes approximately 12 in. (30 cm) apart in a 6 in. (15 cm) deep x 6 in. (15 cm) wide trench. Backfill and compact the trench after stapling. 5. Adjacent HPTRMs must be overlapped approximately 4 in. (10 cm) and fastened. 7. In high flow channel applications, a staple/stake check slot is

recommended at 30 ft to 40 ft (9 m-12 m) intervals. Use a double row of staples/stakes staggered 4 in. (10 cm) apart and 12 in. (30 cm) or center over entire width of the channel. 8. The terminal end of the HPTRMs must be anchored with a row of 3. Roll center HPTRM in direction of water flow in bottom of channel. staples/stakes approximately 12 in. (30 cm) apart in a 6 in. (15 cm) HPTRMs will unroll with appropriate side against the soil surface. deep x 6 in. (15 cm) wide trench. Backfill and compact the trench All HPTRMs must be securely fastened to soil surface by placing

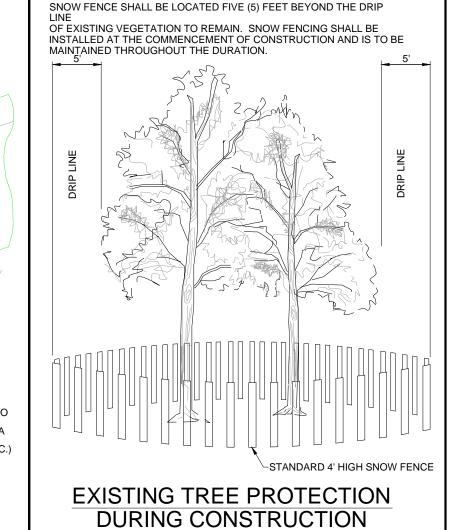
#### PERMANENT TURF REINFORCEMENT MAT

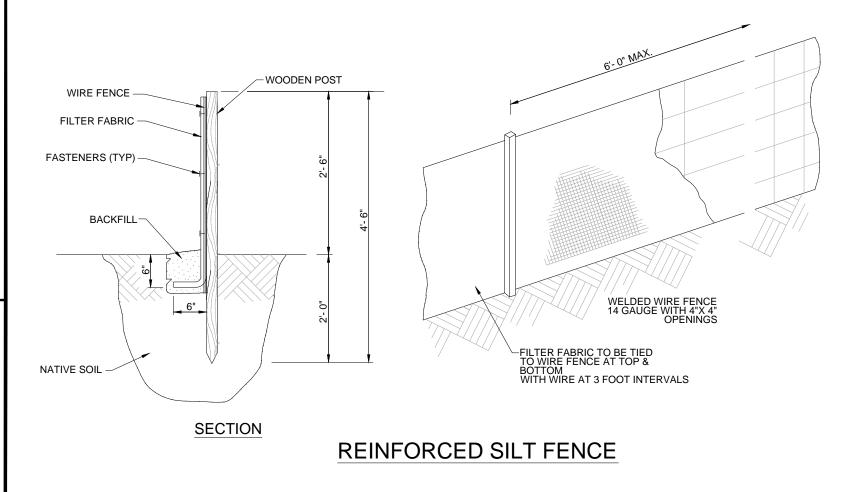
1. VMAX SC250 PERMANENT TRM AS MANUFACTURED BY TENSAR, OR APPROVED 2. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION PROCEDURES.

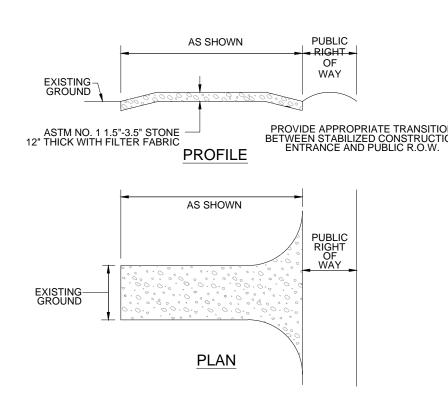


**BOX AND STONE COLLAR "E" INLET** 

 WOODEN POST TOP OF FENCE FILTER FABRIC -FASTENERS (TYP.) -BACKFILL -NATIVE SOIL SILT FENCE DETAIL

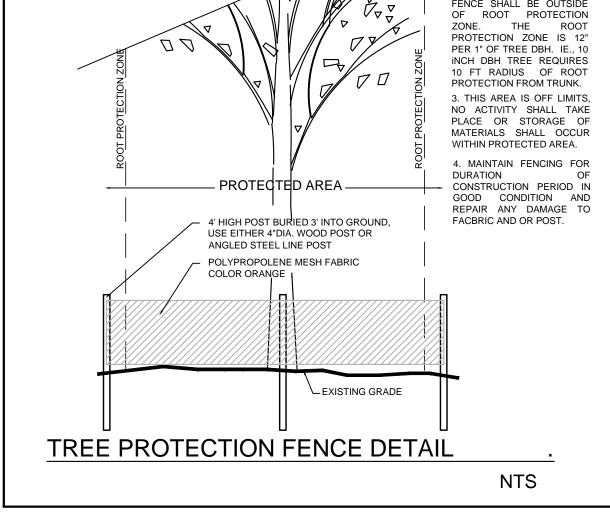


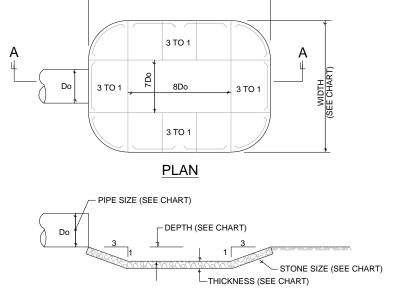




STABILIZED CONSTRUCTION ENTRANCE

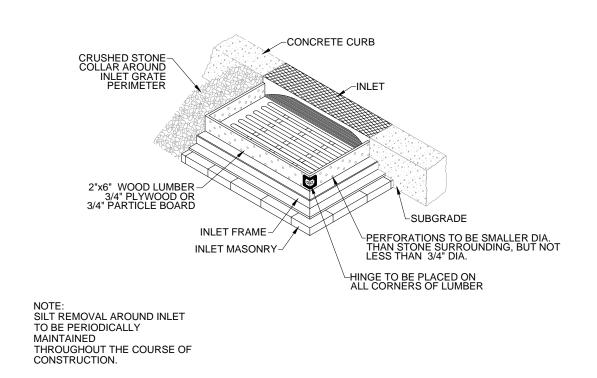
#### PRIOR TO ANY CONSTRUCTION ACTIVITIES ERECT ALL PROTECTIVE FENCING FOR EXISTING TREES TO REMAIN. 2. EDGE OF PROTECTIVE FENCE SHALL BE OUTSIDE OF ROOT PROTECTION ZONE. THE ROOT PROTECTION ZONE IS 12" PER 1" OF TREE DBH. IE., 10 INCH DBH TREE REQUIRES 10 FT RADIUS OF ROOT PROTECTION FROM TRUNK 3. THIS AREA IS OFF LIMITS, NO ACTIVITY SHALL TAKE PLACE OR STORAGE OF MATERIALS SHALL OCCUR WITHIN PROTECTED AREA. 4. MAINTAIN FENCING FOR DURATION . PROTECTED AREA – CONSTRUCTION PERIOD IN GOOD CONDITION AND REPAIR ANY DAMAGE TO 4' HIGH POST BURIED 3' INTO GROUND, FACBRIC AND OR POST. USE EITHER 4"DIA. WOOD POST OR POLYPROPOLENE MESH FABRIC COLOR ORANGE LEXISTING GRADE



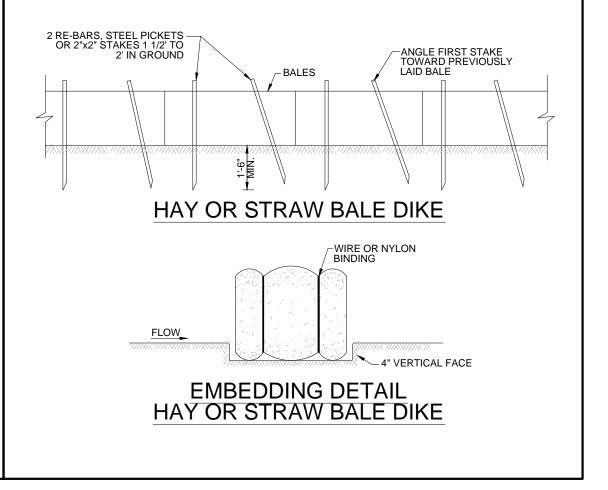


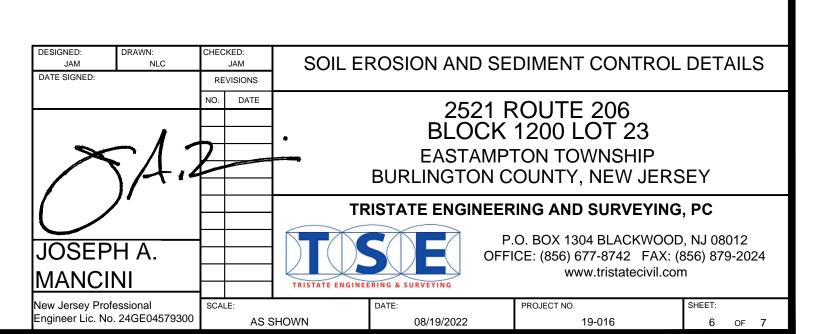
LENGTH (SEE CHART)

HDWL.No	PIPE SIZE (IN)	STONE SIZE (IN)	LENGTH (FT)	WIDTH (FT)	THICK (FT)	DEPTH (FT)
202	27	6	13.5	11.25	12	1.13



**BOX AND STONE COLLAR "B" INLET** 





SECTION A-A PREFORMED SCOUR HOLE

