

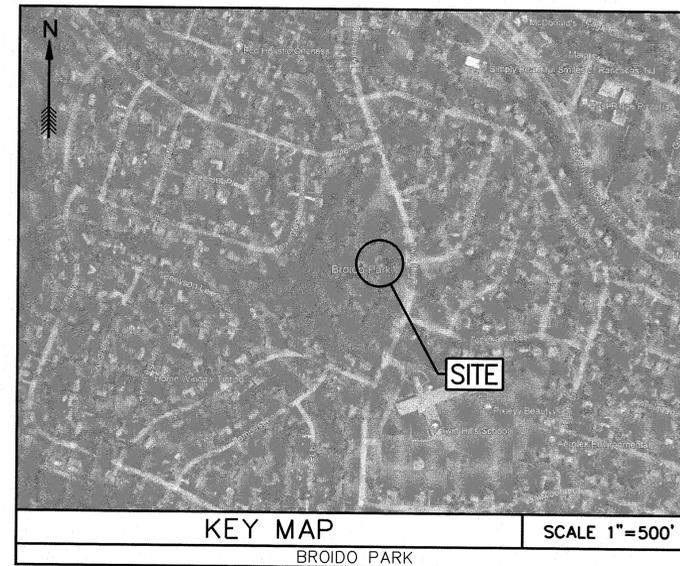
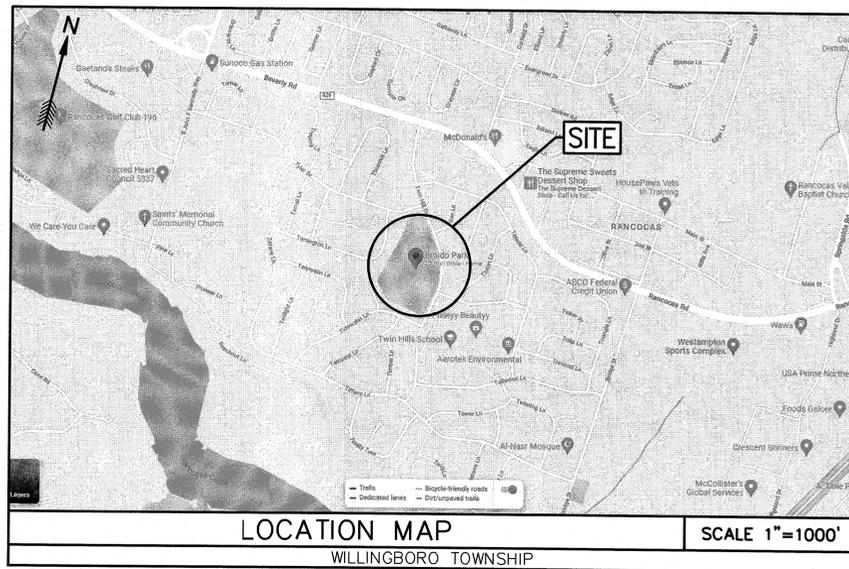
SITE PLAN

BROIDO PARK IMPROVEMENTS

BLOCK 110 LOT 53

WILLINGBORO TOWNSHIP

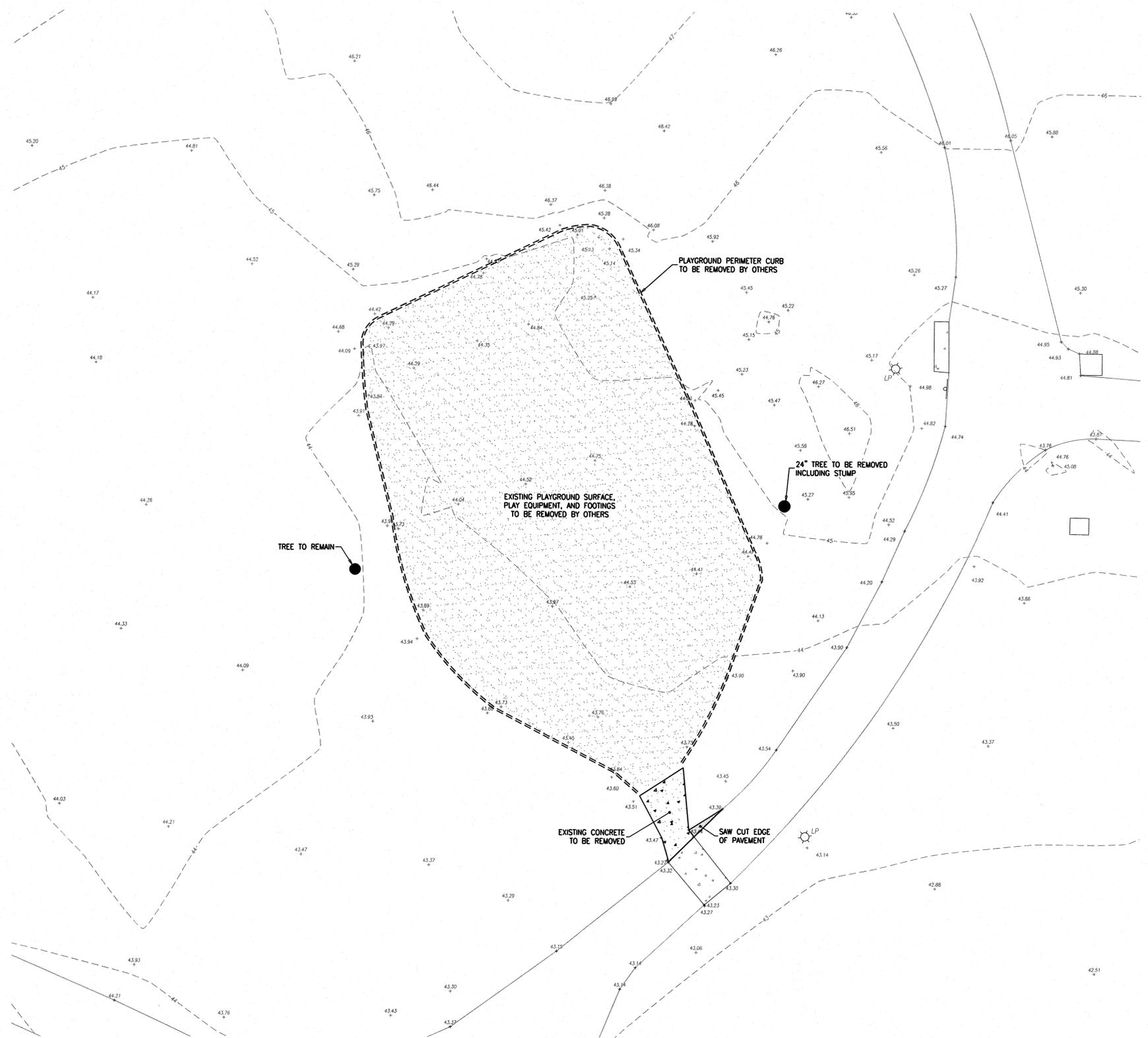
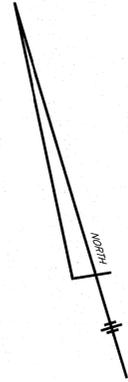
BURLINGTON COUNTY, NEW JERSEY



LIST OF PLANS	
SHEET NO. 1 - TITLE SHEET	
SHEET NO. 2 - DEMOLITION PLAN	
SHEET NO. 3 - SITE, GRADING & DRAINAGE PLAN	
SHEET NO. 4 - SOIL EROSION & SEDIMENT CONTROL PLAN	
SHEET NO. 5 - SOIL EROSION & SEDIMENT CONTROL DETAILS	

DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
TOWNSHIP OF WILLINGBORO, BURLINGTON COUNTY, NEW JERSEY BROIDO PARK IMPROVEMENTS BLOCK 1110, LOT 53 TITLE SHEET			
 CME ASSOCIATES CONSULTING AND MUNICIPAL ENGINEERS <small>202 SOUTH MAIN STREET, CARE MAY COURT HOUSE, NEW JERSEY 08020 — 48 STONES ROAD, MEDFORD, NEW JERSEY 08055 — 560 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-0904 — 847 WEST BAY AVENUE, BARGAINAT, NEW JERSEY 08005-2064</small>			
JOHN H. ALLGAR P.E., P.P. <small>(1983-2001) N.J. LIC. NO. 25838</small>	DAVID J. SAMUEL P.E., P.P. <small>N.J. LIC. NO. 2495</small>	JOHN J. STEFANI P.E., L.S. & P.P. <small>N.J. LIC. NO. 34271</small>	N.J. LIC. NO. 2069
JAY B. CORNELL P.E., P.P. <small>N.J. LIC. NO. 32262</small>	MICHAEL J. MCLELAND P.E., P.P. <small>N.J. LIC. NO. 3824</small>	GREGORY R. VALES P.E., P.P. <small>N.J. LIC. NO. 34658</small>	N.J. LIC. NO. 4361
JOSEPH GRAY, P.E. <small>PROFESSIONAL ENGINEER</small>		SCALE: 10/25/23 <small>N.J. LIC. GE54013</small>	DESIGNED BY: MM CHECKED BY: JG DATE: 10/25/2023 SHEET: 1 OF 5

BROIDOPARK-TS
MW/L0200.01



TREE TO REMAIN

EXISTING PLAYGROUND SURFACE, PLAY EQUIPMENT, AND FOOTINGS TO BE REMOVED BY OTHERS

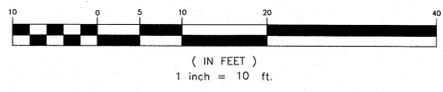
PLAYGROUND PERIMETER CURB TO BE REMOVED BY OTHERS

24" TREE TO BE REMOVED INCLUDING STUMP

EXISTING CONCRETE TO BE REMOVED

SAW CUT EDGE OF PAVEMENT

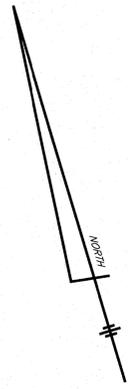
GRAPHIC SCALE



UTILITY MARKOUT REQUIRED; CONTRACTOR IS RESPONSIBLE TO CALL NEW JERSEY ONE-CALL (800-272-1000) FOR UTILITY MARK-OUT 3 FULL BUSINESS DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
WILLINGBORO TOWNSHIP, BURLINGTON COUNTY, NEW JERSEY BROIDO PARK IMPROVEMENTS BLOCK 1110, LOT 53 DEMOLITION PLAN				
 CONSULTING AND MUNICIPAL ENGINEERS <small>303 SOUTH MAIN STREET, CAPE MAY COURT HOUSE, NEW JERSEY 08204 1405 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-9914 418 STONES ROAD, MEDFORD, NEW JERSEY 08055 849 WEST BAY AVENUE, BAINBRIDGE, NEW JERSEY 08005-2604</small>				
JOHN H. ALLGAR P.E., P.P. <small>(1983-2001) NJ P.E. LIC. NO. 32962</small>	DAVID J. SAMUEL P.E., P.P. <small>NJ P.E. LIC. NO. 25888</small>	JOHN J. STEFANI P.E., L.S. & P.P. <small>NJ P.E. LIC. NO. 24271</small>	<small>NO P.P. LIC. NO. 2089</small>	
JAY B. CORNELL P.E., P.P. <small>NJ P.E. LIC. NO. 32962</small>	MICHAEL J. McCLELLAND P.E., P.P. <small>NJ P.E. LIC. NO. 32468</small>	GREGORY R. VALESI P.E., P.P. <small>NJ P.E. LIC. NO. 34488</small>	<small>NO P.P. LIC. NO. 6361</small>	
JOSEPH GRAY, P.E. <small>PROFESSIONAL ENGINEER</small>		<small>SCALE</small> 1" = 10' <small>DESIGNED BY</small> BB <small>CHECKED BY</small> JG <small>DATE</small> 10/25/2023	<small>DRAWN BY</small> MM <small>CHECKED BY</small> JG <small>SHEET</small> 2 OF 5	
		<small>N.J. U.C. GE54013</small>	<small>DATE</small> 10/25/23	

DRAWING NAME: BROIDOPARK-DEMO

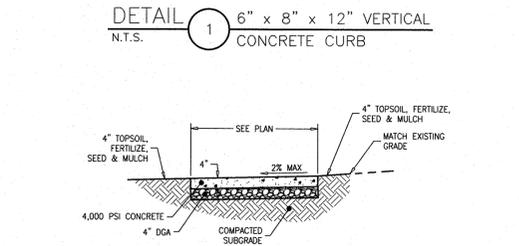
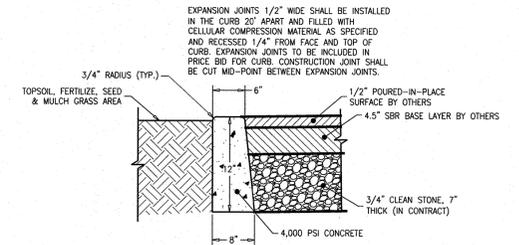
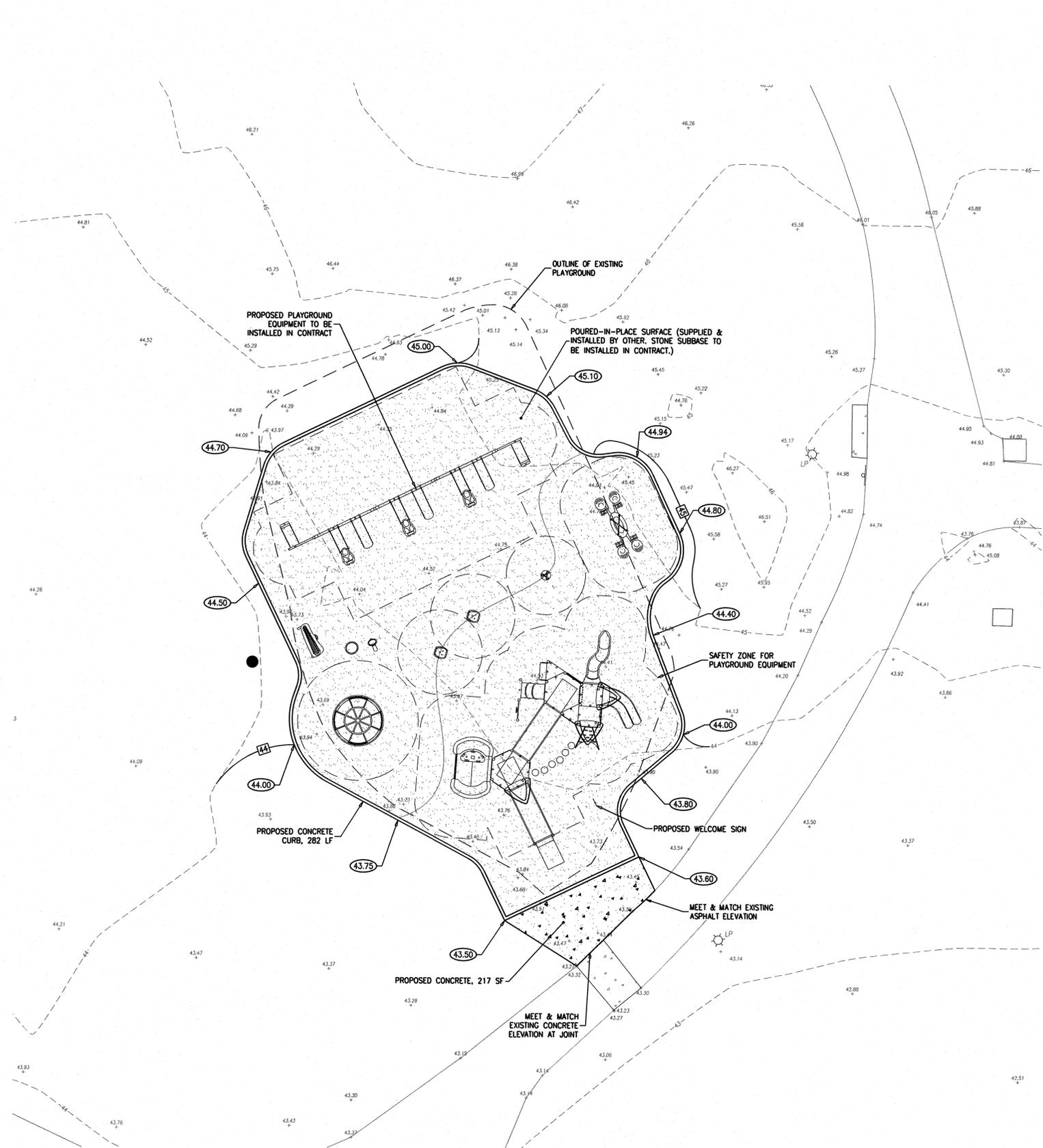


SITE PLAN - CONSTRUCTION NOTES

- CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UNDERGROUND ELECTRICAL CONDUIT AND IDENTIFY SAME PRIOR TO STARTING ANY EXCAVATION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE TOWNSHIP, COUNTY, AND STATE AND SHALL PAY ALL FEES, INCLUDING THE INSPECTION FEES, AND IN GENERAL SHALL OBTAIN ALL REQUIRED PERMITS, LICENSES, INSPECTIONS, PAY ALL CHARGES AND FEES, AND OBTAIN NECESSARY FOR AND INCIDENTAL TO THE DUE AND LAWFUL PROSECUTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING THE PAVING, TOPSOIL, FERTILIZING AND SEEDING ALL AREAS DISTURBED BY HIS ACTIVITIES. INSPECTION OF, OR FAILURE TO INSPECT ANY MATERIALS OR WORKMANSHIP, SHALL IN NO WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM THE WORK IN ACCORDANCE WITH APPLICABLE PLANS, SPECIFICATIONS, AND LAWS.
- THE CONTRACTOR WILL PRESERVE AND PROTECT ALL EXISTING VEGETATION, SUCH AS TREES, SHRUBS, AND GRASS ON OR ADJACENT TO THE SITE WHICH DO NOT REASONABLY INTERFERE WITH THE CONSTRUCTION AS MAY BE DETERMINED BY THE DESIGN ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNAUTHORIZED CUTTING OR DAMAGING OF TREES AND SHRUBS, MATERIALS, OR TRACKING OF GRASS AREAS BY EQUIPMENT. CARE SHALL BE TAKEN BY THE CONTRACTOR IN FELLING TREES AUTHORIZED FOR REMOVAL TO AVOID ANY UNNECESSARY DAMAGE TO VEGETATION THAT IS TO REMAIN IN PLACE. THE CONTRACTOR SHALL BE LIABLE FOR OR MAY BE REQUIRED TO REPLACE OR RESTORE, AT HIS EXPENSE, ALL VEGETATION NOT PROTECTED AND PRESERVED AS REQUIRED HEREIN THAT MAY BE DESTROYED OR DAMAGED.
- THE CONTRACTOR SHALL ACKNOWLEDGE PRIOR TO CONSTRUCTION THAT HE HAS SATISFIED HIMSELF AS TO THE NATURE AND LOCATION OF THE WORK, THE GENERAL AND LOCAL CONDITIONS, PARTICULARLY THOSE BEARING ON TRANSPORTATION, HANDLING AND STORAGE OF MATERIALS, THE CHARACTER OF THE EQUIPMENT AND FACILITIES NEEDED DURING THE PROSECUTION OF THE WORK AND ALL OTHER MATTERS WHICH CAN IN ANY WAY AFFECT THE WORK OR THE COST THEREOF UNDER THIS CONTRACT. ANY FAILURE OF THE CONTRACTOR TO ACQUAINT HIMSELF WITH THE AVAILABLE INFORMATION CONCERNING THESE CONDITIONS WILL NOT RELIEVE HIM FROM RESPONSIBILITY FOR ESTIMATING PROPERLY THE DIFFICULTIES OR COST OF SUCCESSFULLY PERFORMING THE WORK.
- ALL MATERIALS, METHODS, AND DETAILS OF IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE REGULATIONS OF WILLINGBORO TOWNSHIP, BURLINGTON COUNTY, AND/OR THE APPROPRIATE UTILITY COMPANY, WHICHEVER REGULATION TAKES PRECEDENCE.
- THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ENSURING THAT ALL WORK PERFORMED CONFORMS TO ALL THE APPLICABLE STATUTES, REGULATIONS, ORDINANCES, AND STANDARDS OF GOVERNMENTAL BODIES HAVING JURISDICTION OVER SUCH WORK. THE RESPONSIBILITY SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
 - CONFORMITY WITH THE APPROVED PLANS AS WELL AS STANDARDS AND SPECIFICATIONS OF THE TOWNSHIP.
 - CORRECTION OF ALL DEFECTS OF THE WORK, NO MATTER WHAT THE CAUSE, UNTIL THE DATE OF THE ACCEPTANCE, AND THEREAFTER, FOR THE PERIOD OF ANY GUARANTEE WHICH RUNS BEYOND THE DATE OF ACCEPTANCE.
 - SOLUTION OF ANY PROBLEMS UNFORSEEN AT THE TIME OF THE APPROVAL OF THE PLAN, WHICH MAY OR DO IMPAIR THE INTEGRITY OF ANY IMPROVEMENTS, INCLUDING PROBLEMS SUCH AS HIGH GROUND WATER, UNSTABLE SOIL, ETC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PUBLIC SAFETY AND SECURING THE SITE AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL PUBLIC RIGHTS OF WAY AND ADJACENT PROPERTIES CLEAN AND SAFE FROM EXCESSIVE DUST AND DEBRIS RESULTING FROM DEMOLITION AND/OR CONSTRUCTION.
- THE LOCATION OF ANY UTILITIES SHOWN ON THE PLANS ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION PRIOR TO BEGINNING EXCAVATION OR COMMENCING CONSTRUCTION AND SHALL BE FULLY RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES IN THE VICINITY OF THE PROJECT. NJ ONE-CALL SERVICE WILL PROVIDE FOR ON-SITE DELINEATION OF EXISTING UTILITIES UPON REQUEST (1-800-272-1000).
- EXISTING MATERIALS DESIGNATED FOR REMOVAL SHALL BE REMOVED BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER.
- DISTURBED AREAS SHALL BE RESTORED AS SOON AS PRACTICAL AND CONFORM TO THE SOIL CONSERVATION DISTRICT STANDARDS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE SITE CONDITIONS. THE CONTRACTOR SHALL PROCEED AT HIS OWN RISK PRIOR TO THE RESOLUTION IF ANY DISCREPANCIES.

LIST OF EQUIPMENT PURCHASED BY WILLINGBORO TOWNSHIP. THE TOWNSHIP WILL DELIVER THE EQUIPMENT TO THE SITE. THE CONTRACTOR SHALL OFFLOAD & INSTALL THE EQUIPMENT, INCLUDING FASTENERS & ALL MISCELLANEOUS APPURTENANCES.

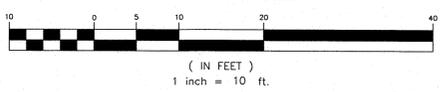
ITEM NO.	DESCRIPTION	QUANTITY
111275	HANDLOOP ASSEMBLY	1
111525	24" KICK PANEL (BETWEEN DECKS)	1
120314	WIRE BARRIER	1
120710	POD CLIMBER, 8" HEIGHT	1
120711	POD CLIMBER, 16" HEIGHT	3
120901	GRAB BAR	1
123844	BRaille PANEL	1
124863	SLIDEWINDERZ	1
127439	NAVIGATOR REACH PANEL AT GRADE	1
129042	24" OFFSET CRAWL TUNNEL DECK TO GROUND	1
129043	IMAGE REACH PANEL	1
130798	DOUBLE SWIRL SLIDE	1
138871	SWAY FUN	1
143199	CONICAL CLIMBER	1
156232	RAMP W/GUARDRAIL AND CURBS (ASTM)	2
158997	POD CLIMBER, 10" HEIGHT	2
159459	RING-A-BELL PANEL	1
174018	BELT SEAT W/PROGUARD CHAINS, 8" BEAM HEIGHT	3
176038	FULL BUCKET SEAT W/PROGUARD CHAINS FOR TODDLER SWING	2
177332	SINGLE POST SWING, DB ONLY	1
177333	SINGLE POST SWING, ADDITIONAL BAY, DB ONLY	2
177337	TODDLER SWING SINGLE SEAT (NO POST INCLUDED)	2
177351	MOLDED SEAT/HARNESS W/PROGUARD CHAINS, 8" BEAM HEIGHT	3
179594	VIBE ROOF	3
182503	WELCOME SIGN (LSI PROVIDED), 5-12 YEARS	1
185852	TRANSFER STEP	1
186490	WE-SAW	1
191031	CURB FOR ACCESSIBLE PANEL	3
214443	GOBLET DRUM	1
214445	KETTLE DRUM	1
214438	ANIMATO METALLOPHONE	1
247179	CURVA SPINNER DB ONLY	1
247189	CHILL SPINNER	2
249558	WE-GO-ROUND W/KITE DIGIFUSE PANELS, 2 SEATS, DB ONLY	1
	6"X8" RISE KICKPLATE	4



LEGEND

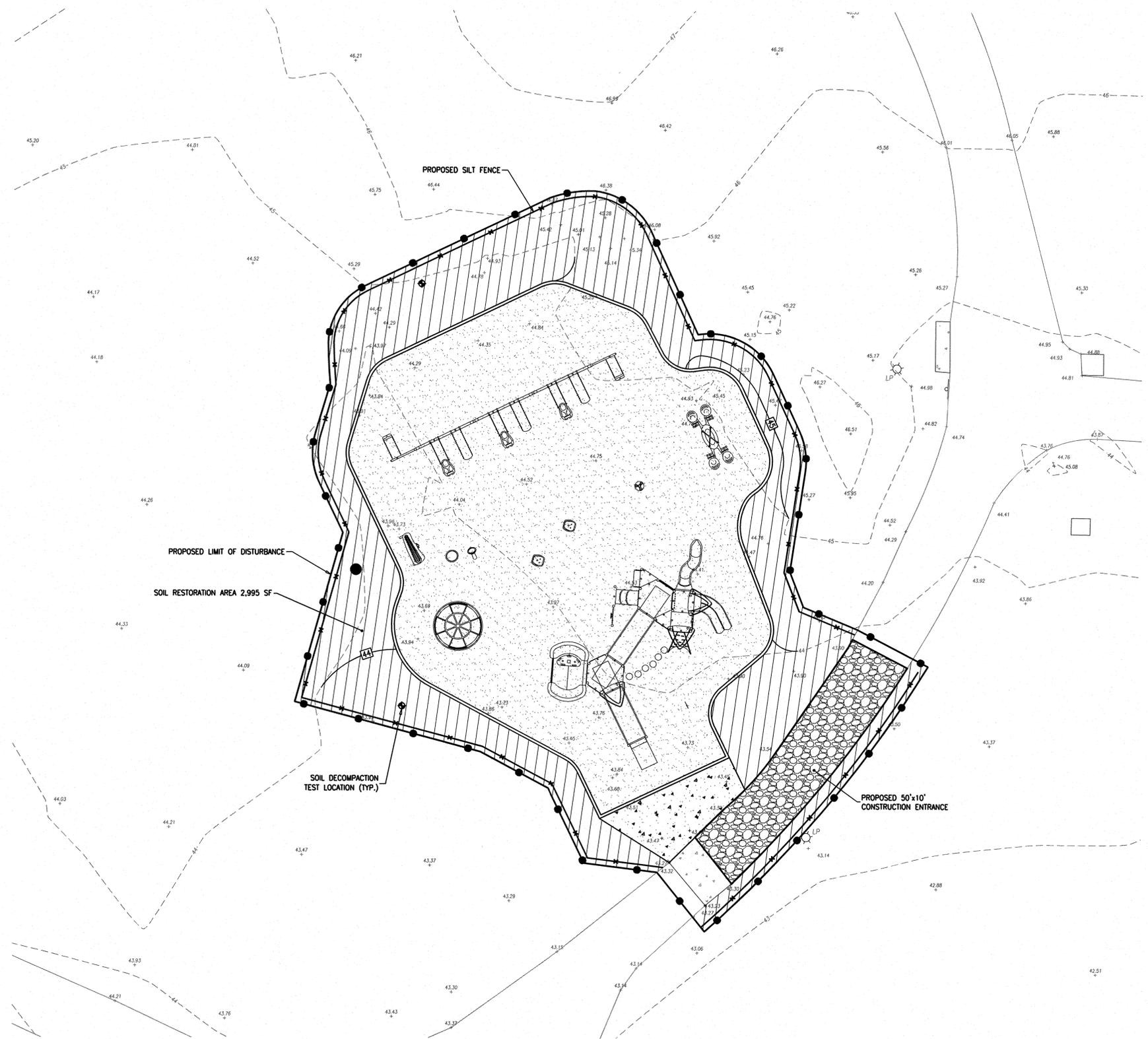
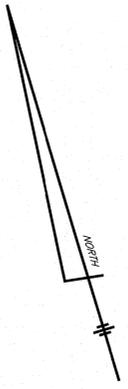
- EXISTING SIGN
- EXISTING SPOT ELEVATION
- EXISTING LIGHT POLE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED GRADE ELEVATION
- PROPOSED TOP OF CONCRETE ELEVATION
- SWALE/DIRECTION OF FLOW

GRAPHIC SCALE



No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
WILLINGBORO TOWNSHIP, BURLINGTON COUNTY, NEW JERSEY BROIDO PARK IMPROVEMENTS BLOCK 1110, LOT 53 SITE, GRADING & DRAINAGE PLAN				
 CME CONSULTING AND MUNICIPAL ENGINEERS <small>202 SOUTH MAIN STREET, CAPE MAY COUNTY, NEW JERSEY 08204 605 KENNETH SQUARE, NEW JERSEY 07731-9944 408 STORES ROAD, MEDFORD, NEW JERSEY 08055 649 WEST BAY AVENUE, MANASSETT, NEW JERSEY 08050-7664</small>				
JOHN H. ALLGAR P.E., P.P. <small>(1983 - 2001)</small> NJ P.E. LIC. NO. 2588	DAVID J. SAMUEL P.E., P.P. <small>(1983 - 2001)</small> NJ P.E. LIC. NO. 2465	JOHN J. STEFANI P.E., L.S. & P.P. <small>(1983 - 2001)</small> NJ P.E. LIC. NO. 24271		
JAY B. CORNELL P.E., P.P. <small>(1983 - 2001)</small> NJ P.E. LIC. NO. 32962	MICHAEL J. MCCLELLAND P.E., P.P. <small>(1983 - 2001)</small> NJ P.E. LIC. NO. 34468	GREGORY R. VALESII P.E., P.P. <small>(1983 - 2001)</small> NJ P.E. LIC. NO. 34468		
JOSEPH GRAY, P.E. <small>PROFESSIONAL ENGINEER</small>			10/25/23 <small>DATE</small>	MM <small>DESIGNED BY</small>
			BB <small>DESIGNED BY</small>	JG <small>CHECKED BY</small>
			10/25/2023 <small>DATE</small>	3 OF 5 <small>SHEET</small>

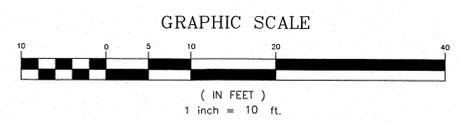
SITE PLAN - BROIDOPARKSITE



LIMIT OF DISTURBANCE = 8,860 SF (0.203 ACRE)

LEGEND

- ↑ EXISTING SIGN
- 43.02 EXISTING SPOT ELEVATION
- LP ☆ EXISTING LIGHT POLE
- - - - - EXISTING CONTOUR
- - - - - 50 - - - - - PROPOSED CONTOUR
- 45.35 PROPOSED GRADE ELEVATION
- 50.00 PROPOSED TOP OF CONCRETE ELEVATION
- ~ ~ ~ ~ ~ SWALE/DIRECTION OF FLOW
- — — — — PROPOSED LIMIT OF DISTURBANCE
- - - - - PROPOSED SILT FENCE



No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
WILLINGBORO TOWNSHIP, BURLINGTON COUNTY, NEW JERSEY BROIDO PARK IMPROVEMENTS BLOCK 1110, LOT 53 SOIL EROSION & SEDIMENT CONTROL PLAN				
 CONSULTING AND MUNICIPAL ENGINEERS				
<small>203 SOUTH MAIN STREET, CAPE MAY COURT HOUSE, NEW JERSEY 08204 1405 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-9104 418 STICKES ROAD, MEDFORD, NEW JERSEY 08055 449 WEST BAY AVENUE, BARKHART, NEW JERSEY 08026-2604</small>				
JOHN H. ALLGAR P.E., P.P. <small>(1989 - 2001)</small>	DAVID J. SAMUEL P.E., P.P. <small>NO PE LIC. NO. 25850</small>	JOHN J. STEFANI P.E., L.S. & P.P. <small>NO PE LIC. NO. 24271</small>		
JAY B. CORNELL P.E., P.P. <small>NO PE LIC. NO. 32962</small>	MICHAEL J. McCLELLAND P.E., P.P. <small>NO PE LIC. NO. 32948</small>	GREGORY R. VALES P.E., P.P. <small>NO PE LIC. NO. 34168</small>		
JOSEPH GRAY, P.E. PROFESSIONAL ENGINEER			SCALE: 1" = 10' DESIGNED BY: BB DATE: 10/25/2023	DRAWN BY: MM CHECKED BY: JG SHEET: 4 OF 5
				SITE: BROIDOPARK-SITE FILE NO: MV100200.01

SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS

GENERAL REQUIREMENTS:

- THE SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS PRIOR TO ANY LAND DISTURBANCE.
- A CERTIFIED COPY OF THIS SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION.
- SOIL EROSION AND SEDIMENT CONTROL PRACTICES IN THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
- ANY CHANGES TO THE SITE PLAN WILL REQUIRE THE SUBMISSION AND RECERTIFICATION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE SOIL CONSERVATION DISTRICT. THE REVISED PLAN MUST BE IN ACCORDANCE WITH THE CURRENT NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
- N.J.S.A. 4:24-39, et seq., REQUIRES THAT UPON PERMANENT 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 CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES.
- N.J.S.A. 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 FOR PERMANENT MEASURES. ALL SITE WORK FOR THE PROJECT MUST BE COMPLETED PRIOR TO THE DISTRICT ISSUING THE REPORT OF COMPLIANCE AS A PREREQUISITE TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.
- COMPLIANCE WITH THE CERTIFIED PLAN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR DURING AND IMMEDIATELY FOLLOWING THE CONSTRUCTION PHASE. UNLESS OTHERWISE SET FORTH BY CONTRACTUAL PROVISIONS, UPON ACCEPTANCE OF THE PROJECT BY THE OWNER THE RESPONSIBILITY SHALL TRANSFER TO THE OWNER.
- ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.

GENERAL PROCEDURES:

- THE CONTRACTOR SHALL COORDINATE ALL SOIL SEDIMENT RELATED MATTERS WITH THE SOIL CONSERVATION DISTRICT.
- ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATIONS AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND/OR THE AREA IS STABILIZED.
- ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROVIDED WHEN AND WHERE DIRECTED BY THE SOIL CONSERVATION DISTRICT. THIS MAY INCLUDE AREAS OF OFFSITE SOIL DISTURBANCE.
- THE SITE SHALL BE GRADED AND MAINTAINED AT ALL TIMES SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL SEDIMENTATION FACILITIES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
- EXISTING STORMWATER INLETS SHALL BE PROTECTED WITH SILT SACK FILTERS. ALL NEW INLETS, OUTLETS, ETC., SHALL BE PROTECTED BY APPROVED MEASURES BEFORE THEY BECOME OPERATIONAL.
- CONSTRUCTION TRAFFIC SHALL USE THE DESIGNATED INGRESS/EGRESS POINT(S). A STABILIZED CONSTRUCTION ACCESS (CRUSHED STONE TRACKING PAD) SHALL BE INSTALLED AND MAINTAINED WHENEVER CONSTRUCTION TRAFFIC ACCESS PAVED AREAS FROM UNPAVED AREAS. THE ACCESS SHALL BE THE FULL WIDTH OF THE INGRESS/EGRESS AND BE A MINIMUM LENGTH AS SPECIFIED ON THE PLANS. THE STONE MUST BE ANGULAR, 1.5" - 4" IN SIZE, PLACED NOT LESS THAN 12" THICK AND UNDERLAIN WITH A SUITABLE SYNTHETIC FILTER FABRIC.
- ALL DRIVEWAYS AND ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- THE DOWNSLOPE PERIMETER OF ALL DISTURBED AREAS AND STOCKPILES SHALL BE PROTECTED BY A HAY BALE BARRIER OR SEDIMENT FENCE.
- STOCKPILES SHALL NOT BE LOCATED WITHIN FIFTY (50) FEET OF A FLOOD PLAIN, WETLAND, SLOPE, ROADWAY OR DRAINAGE FACILITY.
- IMMEDIATELY UPON COMPLETION OF STRIPPING AND STOCKPILING OF SOIL, STOCKPILES SHALL BE SEEDED WITH TEMPORARY VEGETATION. REFER TO STABILIZATION WITH TEMPORARY VEGETATIVE COVER.
- ALL DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY BE SEEDED WITH TEMPORARY VEGETATION. REFER TO STABILIZATION WITH TEMPORARY VEGETATIVE COVER.
- ALL CRITICAL AREAS SUBJECT TO EROSION SUCH AS SLOPES SHALL BE SEEDED WITH TEMPORARY VEGETATION AND THEN MULCHED AT A RATE OF 2 TONS PER ACRE IMMEDIATELY FOLLOWING ROUGH GRADING. REFER TO STABILIZATION WITH TEMPORARY VEGETATIVE COVER.
- ALL DISTURBED AREAS SHALL BE SEEDED WITH PERMANENT VEGETATION IMMEDIATELY FOLLOWING FINAL GRADING. REFER TO STABILIZATION WITH PERMANENT VEGETATIVE COVER.
- IF THE SEASON DOES NOT PERMIT THE ESTABLISHMENT OF SEED THE STOCKPILE AND/OR DISTURBED AREA SHALL BE PROTECTED WITH MULCH, OR AN APPROVED EQUIVALENT. MULCH SHALL BE SECURED BY AN APPROVED METHOD (LIQUID BINDER, CRIMPER, PEG AND TWINE). REFER TO STABILIZATION WITH MULCH ONLY.
- ALL DEWATERING OPERATIONS MUST DISCHARGE INTO AN APPROVED SEDIMENT FILTRATION DEVICE SO PLACED AS NOT TO CAUSE EROSION OF THE DOWNSLOPE AREA. FIELD PLACEMENT AND USE OF STRUCTURES MUST BE APPROVED BY THE SOIL CONSERVATION DISTRICT PRIOR TO COMMENCEMENT OF THE DEWATERING OPERATION.
- ALL DEBRIS CREATED AS A RESULT OF CONSTRUCTION IS TO BE STOCKPILED PROPERLY CONTAINED, AND THEN REMOVED BY THE CONTRACTOR.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE CONFIRMATION OF LIME, FERTILIZER AND SEED APPLICATION RATES AT THE REQUEST OF THE SOIL CONSERVATION DISTRICT.
- MAXIMUM SIDE SLOPES OF ALL PROPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 4:1.
- OFF SITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE DISTRICT EROSION CONTROL INSPECTOR.
- THE DISTRICT EROSION CONTROL INSPECTOR MAY REQUIRE ADDITIONAL MEASURES TO BE INSTALLED.
- N.J.S.A. 4:24-39 ET SEQ REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE THE COMPLETION OF A SOIL COMPACTION MITIGATION VERIFICATION FORM AND CONFIRMATION BY THE DISTRICT INSPECTOR THAT THE COMPACTION MITIGATION REQUIREMENTS IN THE STANDARD FOR LAND GRADING HAVE BEEN SUFFICIENTLY ADDRESSED.

INTERMEDIATE CONTROL STANDARDS

DUST CONTROL

A. APPLICABILITY

- THIS PRACTICE IS APPLICABLE IF DUST BECOMES A PROBLEM DURING EXCAVATION AND GRADING OPERATIONS BECAUSE OF LOW MOISTURE CONTENT IN THE SOIL.

B. MATERIAL AND METHODS

- ALL AREAS SUBJECT TO DUST MOVEMENT SHALL BE SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST. THIS PROCEDURE SHALL BE REPEATED AS REQUIRED TO MAINTAIN A MOISTURE CONTENT IN THE SOIL THAT IS SUFFICIENT TO PREVENT DUST MOVEMENT.
- IF THE APPLICATION OF WATER BECOMES IMPRACTICAL OR INEFFECTIVE, THE USE OF CALCIUM CHLORIDE IS ACCEPTABLE, PROVIDED THAT THERE ARE NO LOCAL OR STATE REGULATIONS RESTRICTING ITS USE. CALCIUM CHLORIDE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH A COMMON SPREADER SHALL BE SPREAD OVER THE SUSCEPTIBLE AREAS AT A RATE THAT WILL KEEP THE SURFACE MOIST BUT NOT CAUSE POLLUTION OR DAMAGE TO VEGETATION. IF USED ON STEEP SLOPES, OTHER PRACTICES SHALL BE IMPLEMENTED TO PREVENT WASHING IN TO STREAMS OR ACCUMULATION AROUND VEGETATION.

MANAGEMENT OF HIGH ACID PRODUCING SOILS

A. APPLICABILITY

- THIS PRACTICE IS APPLICABLE TO ANY HIGH ACID PRODUCING SOIL MATERIAL HAVING A pH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE. THESE SOILS MAY BE PRESENT IN UNDISTURBED SOILS AT VARYING DEPTHS INCLUDING NEAR THE SURFACE TO EXCAVATIONS OR DEEP DISTURBANCES. ITS PRESENCE MAY BE SIGNIFICANT OR LIMITED IN THE SOIL PROFILE. HIGH ACID PRODUCING SOILS ARE COMMONLY BLACK, DARK BROWN, GRAY OR GREENISH WITH SILVERY PYRITE OR MARCASITE NUGGETS OR FLAKES.

B. MATERIAL AND METHODS

- LIMIT THE AREA OF DISTURBANCE AREA AND EXPOSURE TIME WHEN THESE SOILS ARE ENCOUNTERED.
- TO PREVENT CROSS CONTAMINATION, TOPSOIL STRIPPED FROM THE SITE SHALL BE STOCKPILED SEPARATELY FROM HIGH ACID PRODUCING SOILS. STOCKPILES SHOULD BE LOCATED ON LEVEL LAND AND THEIR ENTIRE PERIMETER ENCLOSED BY A SILT FENCE TO MINIMIZE MOVEMENT. STOCKPILES STORED FOR MORE THAN 30 DAYS SHALL BE COVERED WITH A PROPERLY ANCHORED, HEAVY GRADE SHEET OF POLYETHYLENE.
- IMMEDIATELY UPON COMPLETION OF ROUGH GRADING, THESE SOILS SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SETTLED SOIL HAVING A pH OF 5.0 OR MORE.
 - AREAS WHERE TREES AND SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF 24 INCHES OF SETTLED SOIL HAVING A pH OF 5.0 OR MORE.
 - DISPOSAL AREAS SHALL NOT BE LOCATED WITHIN 24 INCHES OF ANY SURFACE OF A SLOPE OR BANK SUCH AS BERMS, DITCHES, STREAM BANKS AND OTHER WATERCOURSES TO PREVENT POTENTIAL LATERAL LEACHING DAMAGES.
- ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED WHEN SUCH SOIL IS ENCOUNTERED TO LIMIT ITS MOVEMENT FROM, AROUND OR OFF THE SITE.

STABILIZATION WITH TEMPORARY VEGETATIVE COVER

A. APPLICABILITY

- THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO EROSION, WHERE TEMPORARY STABILIZATION OF EXPOSED SOILS IS NEEDED TO REDUCE DAMAGE FROM WIND AND RAIN, SLOW THE OVERLAND MOVEMENT OF RUNOFF AND INCREASE INFILTRATION AND RETAIN SOIL AND NUTRIENT ON SITE.

B. MATERIAL AND METHODS

- REFER TO PERMANENT VEGETATIVE COVER, ITEM B, #1, #2, #3 AND #6.
- UNIFORMLY APPLY SWITCHGRASS AT A RATE OF 0.5 POUND PER 1,000 SQUARE FEET.
- REFER TO PERMANENT VEGETATIVE COVER, ITEM C, #2 AND #3.
- REFER TO PERMANENT VEGETATIVE COVER, ITEM D, #1, #2, #3 AND #4.

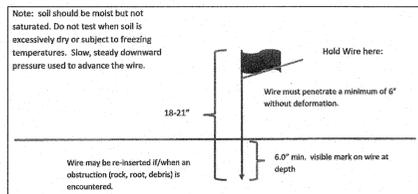
STABILIZATION WITH MULCH ONLY

A. APPLICABILITY

- THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO EROSION, WHERE THE SEASON AND OTHER CONDITIONS MAY NOT BE SUITABLE FOR GROWING AN EROSION-RESISTANT COVER OR WHERE STABILIZATION IS NEEDED FOR A SHORT PERIOD UNTIL MORE SUITABLE PROTECTION CAN BE APPLIED.

B. METHODS AND MATERIALS

- MULCH MATERIALS SHALL BE UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS OR SALT HAY UNIFORMLY APPLIED AT A RATE OF 90 TO 115 POUNDS PER 1,000 SQUARE FEET. THE MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MATERIAL.
- SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 85% OF THE SOIL SURFACE WILL BE COVERED.
- MULCH SHALL BE SECURED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER BY AN APPROVED METHOD (LIQUID-MULCH BINDER, CRIMPER, PEG AND TWINE, OR NETTING).
- OTHER SUITABLE METHODS MAY BE USED IF PREAPPROVED BY THE SOIL CONSERVATION DISTRICT SUCH AS:
 - ASPHALT EMULSION OR CUTBACK ASPHALT IS RECOMMENDED AT A RATE OF 14 TO 28 GALLONS PER 1,000 SQUARE FEET. THIS IS SUITABLE A LIMITED PERIOD OF TIME WHERE CONSTRUCTION TRAFFIC IS NOT A PROBLEM.
 - SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN QUANTITIES AS RECOMMENDED BY THE MANUFACTURER.
 - WOOD-FIBER OR PAPER-FIBER MULCH AT THE RATE OF 1,500 POUNDS PER ACRE MAY BE APPLIED BY A HYDROSEEDER OR HYDROMULCHING.
 - WOOD CHIPS APPLIED UNIFORMLY TO MINIMUM DEPTH OF 2 INCHES MAY BE USED, BUT SHALL NOT BE USED ON AREAS WHERE FLOWING WATER COULD WASH THEM INTO AN INLET AND PLUG IT.



DETAIL 1
N.T.S.
PROBING WIRE TEST
15.5 GA STEEL WIRE (SURVEY FLAG)

SOIL DE-COMPACTION AND TESTING REQUIREMENTS

SOIL COMPACTION TESTING REQUIREMENTS

- SUBGRADE SOILS PRIOR TO THE APPLICATION OF TOPSOIL (SEE PERMANENT CONTROL STANDARDS NOTES FOR TOPSOIL REQUIREMENTS) SHALL BE FREE OF EXCESSIVE COMPACTION TO A DEPTH OF 6.0 INCHES TO ENHANCE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
- AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION ARE GRAPHICALLY DENOTED ON THE CERTIFIED SOIL EROSION CONTROL PLAN.
- COMPACTION TESTING LOCATIONS ARE DENOTED ON THE PLAN. A COPY OF THE PLAN OR PORTION OF THE PLAN SHALL BE USED TO MARK LOCATIONS OF TESTS, AND ATTACHED TO THE COMPACTION REMEDIATION FORM, AVAILABLE FROM THE LOCAL SOIL CONSERVATION DISTRICT. THIS FORM MUST BE FILLED OUT AND SUBMITTED PRIOR TO RECEIVING A CERTIFICATE OF COMPLIANCE FROM THE DISTRICT.
- IN THE EVENT THAT TESTING INDICATES COMPACTION IN EXCESS OF THE MAXIMUM THRESHOLDS INDICATED FOR THE SIMPLIFIED TESTING METHODS (SEE DETAILS), THE CONTRACTOR/OWNER SHALL HAVE THE OPTION TO PERFORM EITHER (1) COMPACTION MITIGATION OVER THE ENTIRE MITIGATION AREA DENOTED ON THE PLAN (EXCLUDING EXEMPT AREAS), OR (2) PERFORM ADDITIONAL, MORE DETAILED TESTING TO ESTABLISH THE LIMITS OF EXCESSIVE COMPACTION WHEREUPON ONLY THE EXCESSIVELY COMPACTED AREAS WOULD REQUIRE COMPACTION MITIGATION. ADDITIONAL DETAILED TESTING SHALL BE PERFORMED BY A TRAINED, LICENSED PROFESSIONAL.

COMPACTION TESTING METHODS

- PROBING WIRE TEST (SEE DETAIL)
- HAND-HELD PENETROMETER TEST (SEE DETAIL)
- TUBE BULK DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)
- NUCLEAR DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)

NOTE: ADDITIONAL TESTING METHODS WHICH CONFORM TO ASTM STANDARDS AND SPECIFICATIONS, AND WHICH PRODUCE A DRY WEIGHT, SOIL BULKY DENSITY MEASUREMENT MAY BE ALLOWED SUBJECT TO DISTRICT APPROVAL.

SOIL COMPACTION TESTING IS NOT REQUIRED IF WHEN SUBSOIL COMPACTION REMEDIATION (SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) OR SIMILAR) IS PROPOSED AS PART OF THE SEQUENCE OF CONSTRUCTION.

PROCEDURES FOR SOIL COMPACTION MITIGATION

PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.

RESTORATION OF COMPACTED SOILS SHALL BE THROUGH DEEP SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.), IN THE ALTERNATIVE, ANOTHER METHOD AS SPECIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER MAY BE SUBSTITUTED SUBJECT TO DISTRICT APPROVAL.

PERMANENT CONTROL STANDARDS

STABILIZATION WITH PERMANENT VEGETATIVE COVER

A. TOPSOIL

- IMMEDIATELY BEFORE TOPSOIL APPLICATION, THE SUBGRADE SHALL BE SCARIFIED A MINIMUM DEPTH OF 6" TO PROVIDE A GOOD BOND WITH THE TOPSOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES. WITHIN DRAINAGE BASINS AND SWALES, THE SUBGRADE SHALL BE SCARIFIED A MINIMUM DEPTH OF 12" TO PROMOTE INFILTRATION.
- TOPSOIL OBTAINED FROM STRIPPING WITHIN THE LIMITS OF THE SITE OR FURNISHED FROM OUTSIDE THE SITE SHALL CONTAIN NO STONES, LUMPS, ROOTS OR SIMILAR OBJECTS LARGER THAN TWO INCHES IN ANY DIMENSION, AND SHALL HAVE A pH OF NOT LESS THAN 5.0 NOR GREATER THAN 7.5.
- WHEN THE pH VALUE OF THE TOPSOIL IS LESS THAN 5.0, IT SHALL BE INCREASED BY APPLYING GROUND LIMESTONE AT A RATE NECESSARY TO ATTAIN AN ACCEPTABLE pH LEVEL.
- TOPSOIL FURNISHED FROM SOURCES OUTSIDE THE LIMITS OF THE SITE SHALL HAVE A MINIMUM ORGANIC CONTENT OF NOT LESS THAN 2.75%. ORGANIC MATTER CONTENT MAY NOT BE RAISED BY ADDITIVES.
- THE TOPSOIL SHALL BE APPLIED TO A UNIFORM DEPTH OF 5 INCHES (FIRMED IN PLACE).

B. SEEDBED PREPARATION

- APPLY LIMESTONE GROUND LIME AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS COOPERATIVE EXTENSION. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS COOPERATIVE EXTENSION OFFICE.
- APPLY LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDES) AT THE FOLLOWING RATE UNLESS SOIL TESTING INDICATES OTHERWISE:

SOIL TEXTURE	APPLICATION RATE
CLAY, CLAY LOAM & HIGH ORGANIC SOIL	135 POUNDS PER 1,000 SQUARE FEET
SANDY LOAM, LOAM & SILT LOAM	90 POUNDS PER 1,000 SQUARE FEET
LOAMY SAND & SAND	45 POUNDS PER 1,000 SQUARE FEET

- APPLY FERTILIZER AT A RATE OF 11 LB. PER 1,000 SQ. FT USING 10-10-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS SOIL TESTING INDICATES OTHERWISE.
- WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHALL BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEEDBED WHEREVER FEASIBLE.
- REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION, REMOVE ALL OTHER DEBRIS SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLOUDS, LUMPS OR OTHER UNSUITABLE MATERIAL.
- INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.

C. SEEDING

- SEED MIXTURE:

MIX FOR LAWN AREAS	APPLICATION RATE
STRONG CREEPING RED FESCUE	1.4 POUNDS PER 1,000 SQUARE FEET
HARD FESCUE	2.7 POUNDS PER 1,000 SQUARE FEET
- ALL SEED MUST BE RAKED OR DRILLED INTO SOIL. NORMAL SEEDING DEPTH IS FROM 1/4 TO 1/2 INCH.
- WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPACKER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A ROLLER OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.

D. MULCHING

- MULCH IS REQUIRED ON ALL SEEDED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND TO PROMOTE FASTER AND EARLIER ESTABLISHMENT.
- MULCH MATERIALS SHALL BE UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS OR SALT HAY UNIFORMLY APPLIED AT A RATE OF 70 TO 90 POUNDS PER 1,000 SQUARE FEET. OTHER SUITABLE METHODS MAY BE USED IF PREAPPROVED BY THE SOIL CONSERVATION DISTRICT. MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MATERIAL.
- SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 85% OF THE SOIL SURFACE WILL BE COVERED.
- MULCH SHALL BE SECURED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER BY AN APPROVED METHOD (LIQUID-MULCH BINDER, CRIMPER, PEG AND TWINE, OR NETTING).

E. IRRIGATION (WHERE FEASIBLE)

IF SOIL MOISTURE IS DEFICIENT, AND MULCH IS NOT USED, SUPLY NEW SEEDING WITH ADEQUATE WATER (A MINIMUM OF 1/4 INCH TWICE DAILY UNTIL VEGETATION IS WELL ESTABLISHED). THIS IS ESPECIALLY TRUE WHEN SEEDING IN ABNORMALLY DRY OR HOT DROUGHTY SITES.

F. TOP DRESSING

SINCE SLOW RELEASE NITROGEN FERTILIZER IS PRESCRIBED UNDER IF GROSS NITROGEN DEFICIENCY EXISTS TO THE EXTENT THE TURF AT 10 POUNDS PER 1,000 SQUARE FEET.

SOIL CLASSIFICATION:

SOILS MAP PROVIDED BY WEB SOIL SURVEY 2.0, NATIONAL COOPERATIVE SOIL SURVEY, USDA NATIONAL RESOURCES CONSERVATION SERVICE

PROJECT IS IN: W61B - WOODSTOWN FINE SANDY LOAM, CLAYEY SUBSTRATUM, 0 TO 2 PERCENT SLOPES

POTENTIAL ENVIRONMENTAL RESTRICTIONS:

FLOOD PLAINS DO NOT OCCUR ON THE PROJECT LIMITS

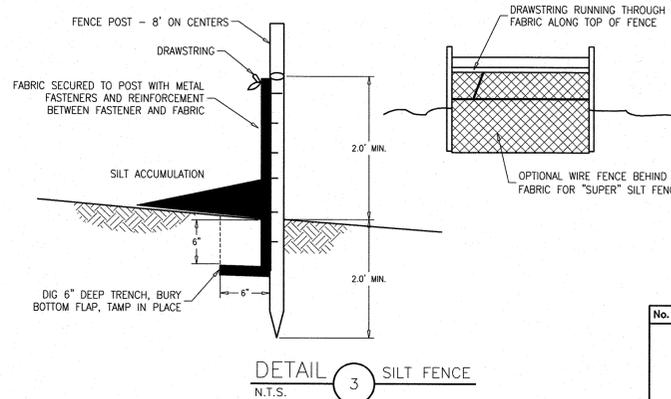
SEQUENCE OF CONSTRUCTION

DURATION OF CONSTRUCTION

ANTICIPATED COMMENCEMENT: MARCH 2024
ANTICIPATED COMPLETION: JUNE 2024

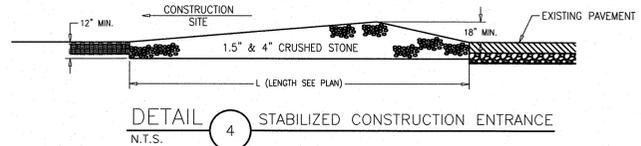
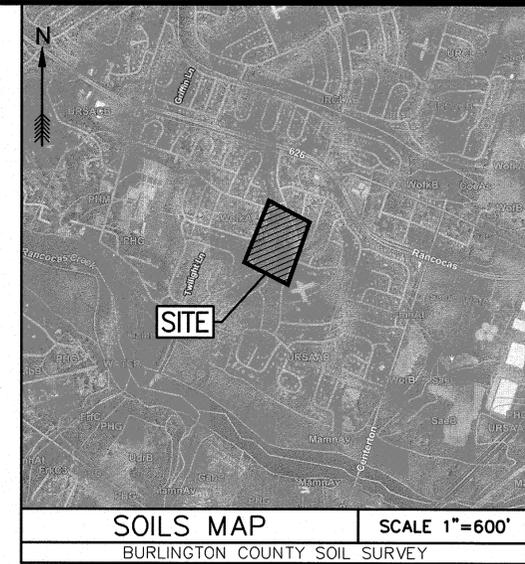
DESCRIPTION OF CONSTRUCTION ACTIVITY

DESCRIPTION OF CONSTRUCTION ACTIVITY	WEEK
1. PLACE APPLICABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES.	1ST
2. DEMOLISH EXISTING IMPROVEMENTS.	2ND
3. ROUGH GRADE.	3RD
4. INSTALL EQUIPMENT.	3RD-5TH
5. INSTALL CURB/SUBBASE.	6TH-7TH
6. INSTALL SURFACE.	8TH-9TH
7. FINE GRADE, SEED AND STABILIZE ALL DISTURBED AREAS.	10TH
8. REMOVE ALL REMAINING SOIL EROSION MEASURES WHEN VEGETATIVE COVER IS ESTABLISHED.	WHEN STABLE



DETAIL 3
N.T.S.
SILT FENCE

DETAIL 2
N.T.S.
HANDHELD SOIL PENETROMETER TEST



No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
TOWNSHIP OF WILLINGBORO, BURLINGTON COUNTY, NEW JERSEY BROIDO PARK IMPROVEMENTS BLOCK 1110, LOT 53 SOIL EROSION & SEDIMENT CONTROL DETAILS				
 CONSULTING AND MUNICIPAL ENGINEERS 203 SOUTH MAIN STREET, CARE MAY COURT HOUSE, NEW BRUNSWICK, NJ 08901 1405 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-9104 418 STOKES ROAD, WOODBRIDGE, NEW JERSEY 08869 849 WEST BAY AVENUE, BANKATON, NEW JERSEY 08006-2644				
JOHN H. ALLGAR P.E., P.P. NJ PE LIC. NO. 25838 (1983-2001)	DAVID J. SAMUEL P.E., P.P. NJ PE LIC. NO. 2465	JOHN J. STEFANI P.E., L.S. & P.P. NJ PE LIC. NO. 24271		
JAY B. CORNELL P.E., P.P. NJ PE LIC. NO. 32962	MICHAEL J. MCCLELLAND P.E., P.P. NJ PE LIC. NO. 34468	GREGORY R. VALESI P.E., P.P. NJ PE LIC. NO. 43461		
JOSEPH GRAY, P.E.				
DESIGNED BY		CHECKED BY		
DATE		SHEET		
10/25/23		5 OF 5		
PROFESSIONAL ENGINEER N.J. LIC. GE54013				