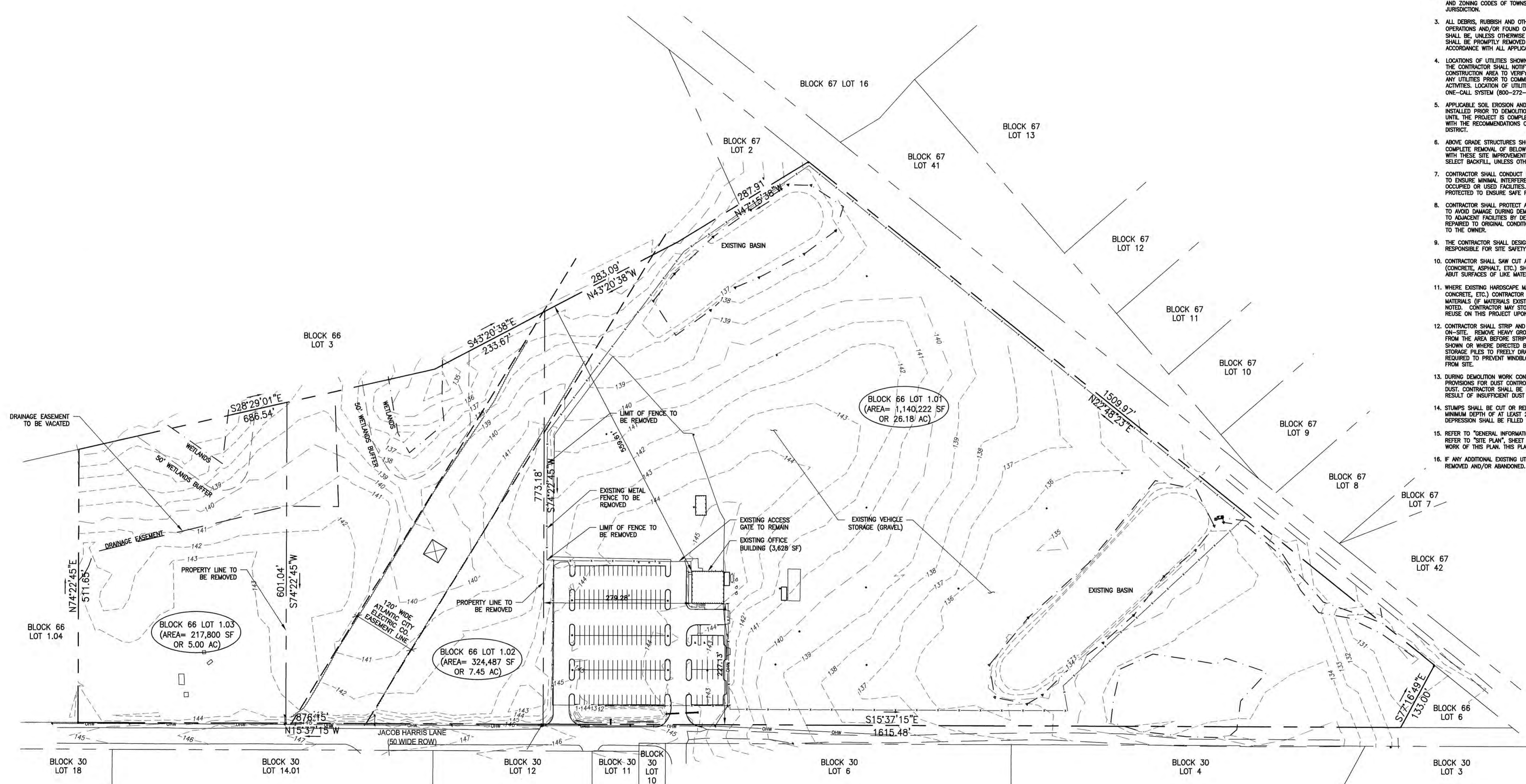


GENERAL NOTES:

- INFORMATION TO PREPARE THESE PLANS OBTAINED FROM THE FOLLOWING SOURCES:
 - PLAN ENTITLED "BOUNDARY AND LOCATION SURVEY - ELK TOWNSHIP, 781 NEW JERSEY AVENUE, ELK TOWNSHIP, NJ" SHEET 1 OF 1, PREPARED BY FIRST ORDER, L.L.C. DATED JULY 31, 2000 REVISED AUGUST 4, 2000.
 - PLAN ENTITLED "ALTA/NSPS LAND TITLE SURVEY - GLASSBORO (W) NJ, 735 & 749 JACOB HARRIS LANE (NEW JERSEY AVENUE), ELK TOWNSHIP, NJ 08028" SHEET 1 OF 1, PREPARED BY CREST ENGINEERING ASSOCIATES, INC., DATED MAY 4, 2020.
- A. HORIZONTAL DATUM N.J.S.P.C. (NAD 83)
B. TOPOGRAPHIC VERTICAL DATUM (NAVD88)
- UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY (ELEVATION & LOCATION ON INLETS AND MANHOLES FROM ACTUAL FIELD SURVEY). THE EXISTENCE, EXTENT AND EXACT LOCATIONS OF UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED. ANY CONTRACTOR PERFORMANCE WORK AT THIS SITE SHALL CONTACT THE N.J. ONE-CALL SYSTEM AT 1-800-272-1000 AT LEAST 3 DAYS PRIOR TO COMMENCING WORK.
- THE UNDERSIGNED IS NOT QUALIFIED TO MAKE ANY DETERMINATION OF THE EXISTENCE OR NON-EXISTENCE OF WETLANDS AND / OR CONTAMINATION AFFECTING THIS SURVEY. THEREFORE, NO STATEMENT IS BEING MADE OR IMPLIED, NOR SHOULD IT BE CONSTRUED THAT ANY STATEMENT IS BEING MADE BY THE FACT THAT NO EVIDENCE OF WETLANDS OR CONTAMINATION IS SHOWN.

DEMOLITION NOTES:

- CONTRACTOR IS RESPONSIBLE FOR A THOROUGH EXPLORATION OF EXISTING CONDITIONS AND SHALL ASSUME FULL RESPONSIBILITY FOR THE DEMOLITION AND REMOVAL OF EXISTING ENCROACHMENTS WITHIN PROJECT SITE WHICH INTERFERE WITH PROPOSED CONSTRUCTION WHETHER SHOWN ON THIS PLAN OR NOT. CONTRACTOR IS TO SECURE DEMOLITION PERMITS, IF REQUIRED, FOR THE WORK AND PAY FOR SAME.
- ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE GOVERNING BUILDING AND ZONING CODES OF TOWNSHIP OF ELK OR ANY OTHER AGENCY HAVING JURISDICTION.
- ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS AND/OR FOUND ON THE SITE DURING DEMOLITION OR CONSTRUCTION SHALL BE UNLESS OTHERWISE DIRECTED, THE CONTRACTOR'S PROPERTY AND SHALL BE PROMPTLY REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- LOCATIONS OF UTILITIES SHOWN ON THIS PLAN ARE NOT NECESSARILY COMPLETE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OPERATING WITHIN THE CONSTRUCTION AREA TO VERIFY THE LOCATION, SIZE, TYPE AND ELEVATIONS OF ANY UTILITIES PRIOR TO COMMENCEMENT OF DEMOLITION OR EXCAVATION ACTIVITIES. LOCATION OF UTILITIES SHALL INCLUDE CONTACT WITH THE NJ ONE-CALL SYSTEM (800-272-1000).
- APPLICABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO DEMOLITION. SUCH MEASURES SHALL BE LEFT IN PLACE UNTIL THE PROJECT IS COMPLETED OR THE AREA IS STABILIZED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GLoucester COUNTY SOIL CONSERVATION DISTRICT.
- ABOVE GRADE STRUCTURES SHOWN TO BE REMOVED OR DEMOLISHED INCLUDES COMPLETE REMOVAL OF BELOW GRADE STRUCTURES (FOOTINGS, ETC.) ASSOCIATED WITH THESE SITE IMPROVEMENTS AND BACKFILL OF OPEN AREAS WITH COMPACTED SELECT BACKFILL, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, WALKS AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. THE AREAS OF DEMOLITION SHALL BE PROTECTED TO ENSURE SAFE PASSAGE OF PERSONS IN THE RESPECTIVE AREAS.
- CONTRACTOR SHALL PROTECT ALL STRUCTURES OR OBJECTS TO REMAIN SO AS TO AVOID DAMAGE DURING DEMOLITION ACTIVITIES. ANY AND ALL DAMAGE CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS SHALL BE PROMPTLY REPAIRED TO ORIGINAL CONDITION OR BETTER BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL AS SITE SUPERVISOR, RESPONSIBLE FOR SITE SAFETY DURING THE COURSE OF DEMOLITION OPERATIONS.
- CONTRACTOR SHALL SAW CUT ALONG THE EDGE OF EXISTING HARD MATERIALS (CONCRETE, ASPHALT, ETC.) SHOWN TO BE REMOVED, WHERE SUCH MATERIALS ADJUT SURFACES OF LIFE MATERIALS SHALL REMAIN.
- WHERE EXISTING HARDSCAPE MATERIAL IS SHOWN TO BE REMOVED (ASPHALT, CONCRETE, ETC.) CONTRACTOR SHALL ALSO REMOVE EXISTING BASE COURSE MATERIALS (IF MATERIALS EXIST UNDER PAVED SURFACE), UNLESS OTHERWISE NOTED. CONTRACTOR MAY STOCKPILE BASE COURSE MATERIAL ON SITE FOR REUSE ON THIS PROJECT UPON APPROVAL OF THE MUNICIPAL ENGINEER.
- CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL FOR REUSE ON-SITE. REMOVE HEAVY GROWTH OF GRASS AND OTHER DELETERIOUS MATERIAL FROM THE AREA BEFORE STRIPPING TOPSOIL. STOCKPILE TOPSOIL IN AREA SHOWN OR WHERE DIRECTED BY THE OWNER'S REPRESENTATIVE. CONSTRUCT STORAGE PILES TO FREELY DRAIN SURFACE WATER. COVER STORAGE PILES AS REQUIRED TO PREVENT WINDBLOWN DUST. EXCESS TOPSOIL SHALL BE REMOVED FROM SITE.
- DURING DEMOLITION WORK CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE PROVISIONS FOR DUST CONTROL AND PROTECTION OF EXISTING FACILITIES FROM DUST. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY INCIDENTAL DAMAGE AS A RESULT OF INSUFFICIENT DUST CONTROL.
- STAMPS SHALL BE CUT OR REMOVED BY A STUMP CUTTING MACHINE, TO A MINIMUM DEPTH OF AT LEAST 2 FEET BELOW SURGRADE. THE RESULTING DEPRESSION SHALL BE FILLED WITH COMPACTED STRUCTURAL FILL MATERIAL.
- REFER TO "GENERAL INFORMATION PLAN", SHEET G-001, FOR PROJECT LEGEND. REFER TO "SITE PLAN", SHEET G-102, FOR GENERAL NOTES PERTAINING TO WORK OF THIS PLAN. THIS PLAN SHALL BE USED FOR SITE DEMOLITION ONLY.
- IF ANY ADDITIONAL EXISTING UTILITIES ARE FOUND ONSITE, THEY ARE TO BE REMOVED AND/OR ABANDONED.

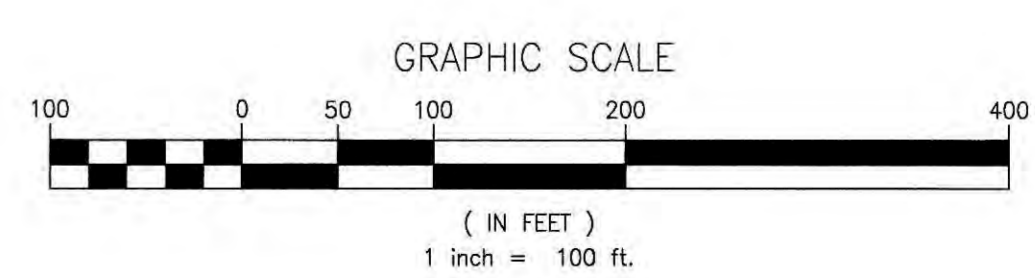


10000 Midlantic Drive, Suite 300 W Tel. 856.234.0800
 Mount Laurel, NJ 08054-1740 Fax. 856.234.9528
 www.stantec.com
 Certificate of Auth. 24CA0804600
 The Contractor shall verify all dimensions to the ground. No liability shall be assumed for any errors or omissions in the drawings or field notes without liability.
 The Contractor shall verify all dimensions to the ground. No liability shall be assumed for any errors or omissions in the drawings or field notes without liability.
 The Contractor shall verify all dimensions to the ground. No liability shall be assumed for any errors or omissions in the drawings or field notes without liability.

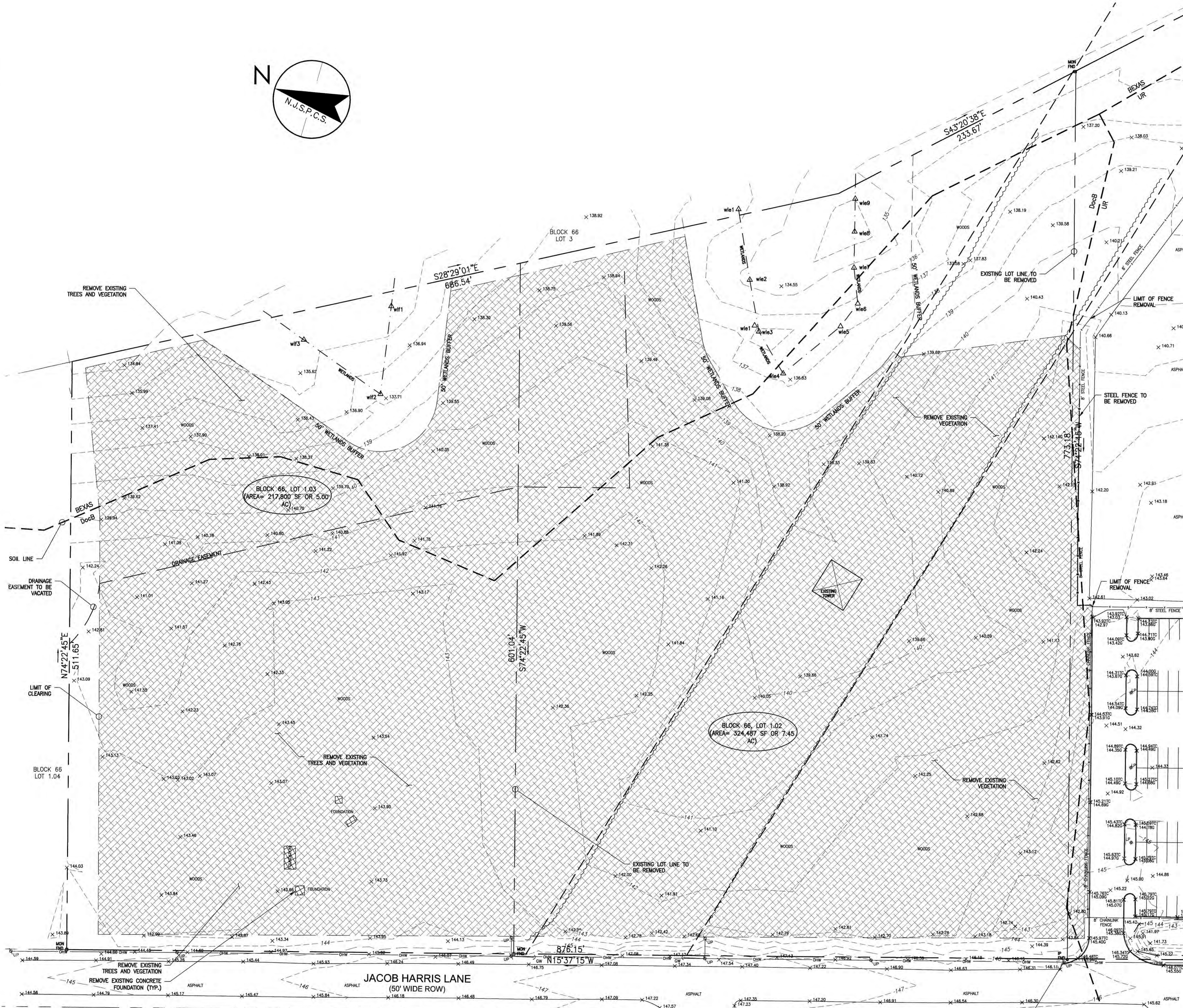
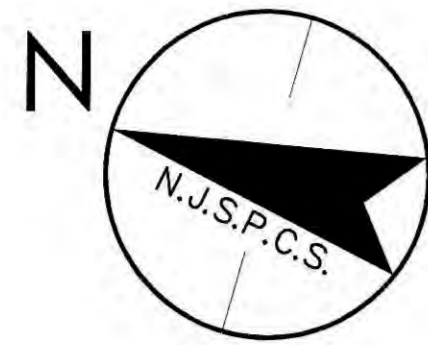
Revision	By	Appr.	IMMUNITY

Project: COPART - ELK TOWNSHIP
 BLOCK 66 LOTS 1.01, 1.02, 1.03
 TOWNSHIP OF ELK, GLOUCESTER COUNTY, NEW JERSEY
 Client: COPART OF CONNECTICUT
 Title: OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN
 Permit-Seal

CLIFTON W. QUAY
 PROFESSIONAL ENGINEER, PROFESSIONAL PLANNER
 N.J.P.E. LICENSE #42870, N.J.P.P. LICENSE #L065683
 Date: 12.14.20



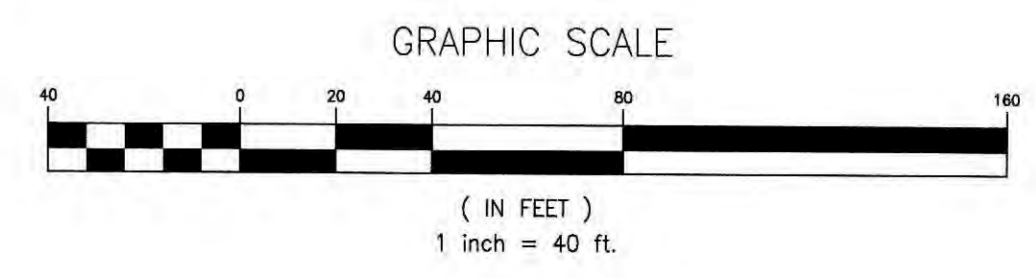
Project Number: 192520356			
LPD	CWQ	JRO	12-14-2020
Dwn.	Chkd.	Dsgn.	MM.DD.YY
Scale: 1"=100'			
Drawing No. C-101		Revision Sheet	
0		2 of 8	



LOCATIONS OF UTILITIES SHOWN ON THIS PLAN SHALL BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OPERATING WITHIN THE CONSTRUCTION AREA AND AT HIS OR HER OWN EXPENSE, SHALL VERIFY THE LOCATION, SIZE, TYPE AND ELEVATIONS OF ANY UTILITIES PRIOR TO CONSTRUCTION.

- REMOVALS LEGEND**
- REMOVE EXISTING CONCRETE PAVING
 - REMOVE EXISTING VEGETATION

- LEGEND**
- POINT OF BEGINNING
 - FOUND MONUMENT
 - FOUND IRON PIN
 - CHAIN LINK FENCE
 - WOOD FENCE
 - PROPERTY LINE
 - CURB
 - DEPRESSED CURB
 - MANHOLE
 - UTILITY POLE
 - FIRE HYDRANT
 - WATER VALVE
 - SIGN
 - LIGHT POLE
 - GUTTER INLET
 - SANITARY SEWER LINE
 - STORM SEWER LINE
 - WATER LINE
 - GAS LINE
 - UNDERGROUND ELECTRIC LINE
 - OVERHEAD WIRE
 - TOPOGRAPHIC CONTOUR
 - SPOT GRADE
 - DECIDUOUS TREE



Revision	By	Appd.	MM/DD/YY

Project: COPART - ELK TOWNSHIP
 BLOCK 66, LOTS 1.01, 1.02, 1.03
 TOWNSHIP OF ELK, GLOUCESTER COUNTY, NEW JERSEY

Client: COPART OF CONNECTICUT

Permit-Seal

Title: EXISTING CONDITIONS AND DEMOLITION PLAN

CLIFTON W. QUAY
 PROFESSIONAL ENGINEER, PROFESSIONAL PLANNER
 N.J.P.E. LICENSE #42870, N.J.P.P. LICENSE #L05653

CWQ 12.14.20
 DATE

Project Number: 192520356

LPD	CHKD	JRD	12-14-2020

Scale: 1"=40'

Drawing No. C-101.1

Revision Sheet

0 3 of 8



10000 Midlantic Drive, Suite 300 W. Tel: 856.234.0800
 Mount Laurel, NJ 08054-1740 Fax: 856.234.9928
 www.stantec.com
 Certificate of Authority: 246C-28544-000
 N.J. Scale: This drawing is not a final report and shall not be used for any other purpose without the written consent of Stantec.
 The copyright in all design and drawings are the property of Stantec.
 No part of this drawing may be reproduced or transmitted in any form or by any means electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Stantec.

File: 12-14-20-08-34m Rev: 01/20/20

SEDIMENT & EROSION 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.
3. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
4. 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.
5. 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 VEGETATIVE COVER...
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 GLOUCESTER SOIL CONSERVATION DISTRICT.
7. 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.
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, TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS EXISTS, THE STABILIZED PAD WILL BE INSTALLED ACCORDING TO THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS.
11. ALL DRIVEWAYS MUST BE STABILIZED WITH 2 1/2" CRUSHED STONE OR SUBGRADE PRIOR TO INDIVIDUAL LOT CONSTRUCTION.
12. PAVED AREAS 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 DRAINAGE 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 DRAINERED 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 EROSION 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 GLOUCESTER SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 48 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 STOCKPILE WITH STRAW MULCH FOR PROTECTION FROM EROSION. 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 GLOUCESTER 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 PH 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 SLOPE 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 VEGETATED MATERIAL SHALL BE SELECTED IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK OF THE AMERICAN ASSOCIATION OF THE NURSERYMAN AND IN ACCORDANCE WITH THE NEW JERSEY STANDARDS.
31. NATURAL VEGETATION AND SPECIES SHALL BE RETAINED WHERE SPECIFIED ON THE LANDSCAPING PLAN.
32. THE SOIL EROSION INSPECTOR MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DIRECTED BY THE DISTRICT INSPECTOR.

SODDING SCHEDULE

- 1. SPECIFY "CERTIFIED SOD" OR HIGH QUALITY CULTIVATED SOD, SUGGESTED TYPE TO CONSIST PRIMARILY OF RED FESCUES AND BLUE-GRAASSES. IT IS TO BE FREE OF WEEDS AND UNDESIRABLE GRASSES AND ALSO OF UNIFORM THICKNESS. ALSO TO HAVE GOOD ROOT MAT WITHOUT BROKEN PADS OR TORN UNEVEN ENDS.
2. UPON DELIVERY ON-SITE, TO BE INSTALLED WITHIN 36 HOURS.
3. GRADE AND PREPARE AREA AS PER PERMANENT VEGETATIVE STANDARDS.
4. PLACE SOD ON CONTOURS OF SLOPE, NOT PERPENDICULAR TO SLOPE. PLACE STRIPS WITH SNG, EVEN JOINTS. ROLL OR TAMP SOD IMMEDIATELY AFTER PLACEMENT.
5. SECURE SOD ON SLOPES GREATER THAN 5:1 WITH PEGS, WIRE STAPLES, ETC. APPROXIMATELY EVERY 2'0".
6. IRRIGATE IMMEDIATELY AND FOR APPROXIMATELY 4 WEEKS, TO ACHIEVE A MINIMUM OF 2" OF WATER PER WEEK.

DUST CONTROL NOTES

- 1. DUST CONTROL MEASURES SHALL BE IMPLEMENTED, AS REQUIRED, TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCE ON- AND OFF-SITE DAMAGE AND HEALTH HAZARDS, AND IMPROVE TRAFFIC SAFETY.
2. DUST CONTROL SHALL BE MAINTAINED BY TEMPORARY SEEDING, MULCHING, SPRAY ON ADHESIVES, APPLYING CALCIUM CHLORIDE AND WATERING THE SITE WITH WATER TO ALL DISTURBED AREAS DURING CONSTRUCTION IN ACCORDANCE WITH STATE STANDARDS.

STABILIZED CONSTRUCTION ENTRANCE NOTES

- 1. A STABILIZED PAD OF CRUSHED STONE (ASTM C-33, SIZE NO. 2 OR 3) SHALL BE LOCATED AT POINTS WHERE TRAFFIC WILL BE ENTERING OR LEAVING THE CONSTRUCTION SITE. USE CLEAN CRUSHED ANGULAR STONE. CRUSHED CONCRETE OF SIMILAR SIZE MAY BE SUBSTITUTED BUT WILL REQUIRE MORE FREQUENT UPGRADING AND MAINTENANCE.
2. STONE THICKNESS SHALL NOT BE LESS THAN 6". WIDTH SHALL NOT BE LESS THAN THE FULL WIDTH OF THE INGRESS OR EGRESS. LENGTH SHALL BE 50 FEET MINIMUM WHERE THE SOILS ARE COARSE GRAINED (SANDS OR GRAVELS) OR 100 FEET MINIMUM WHERE SOILS ARE FINE GRAINED (CLAYS OR SILTS), EXCEPT WHERE THE TRAVELED LENGTH IS LESS THAN 50 OR 100 FEET RESPECTIVELY. THESE LENGTHS MAY BE INCREASED WHERE FIELD CONDITIONS DICTATE. STORMWATER FROM UP-SLOPE AREAS SHALL BE DIVERTED AWAY FROM THE STABILIZED PAD.
3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT SEDIMENT FLOW ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.
4. AT POORLY DRAINED LOCATIONS, SUBSURFACE DRAINAGE GRAVEL FILTER OR GEOTEXTILE SHALL BE INSTALLED BEFORE INSTALLING THE STABILIZED CONSTRUCTION ENTRANCE.

SOIL COMPACTION MITIGATION NOTES

- 1. PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
2. 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.
3. SOIL COMPACTION TESTING IS NOT REQUIRED IF/WHEN SUBSOIL COMPACTION REMEDIATION (SCARIFICATION/TILLAGE 6" MINIMUM DEPTH) IS PROPOSED AS PART OF THE SEQUENCE OF CONSTRUCTION.

PROCEDURES FOR SOIL COMPACTION MITIGATION

- 1. PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
2. 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.

STANDARDS FOR LAND GRADING

DEFINITION: RESHAPING THE GROUND SURFACE BY GRADING TO PLAINED GRADES WHICH ARE DETERMINED BY TOPOGRAPHIC SURVEY AND LAYOUT.

- 1. THE CUT FACE OF EARTH EXCAVATIONS AND FILLS SHALL BE NO STEEPER THAN THE SAFE ANGLE OF REPOSE FOR THE MATERIALS ENCOUNTERED AND FLAT ENOUGH FOR MAINTENANCE.
2. THE PERMANENTLY EXPOSED FACES OF EARTH CUTS AND FILLS SHALL BE VEGETATED OR OTHERWISE PROTECTED FROM EROSION.
3. PROVISIONS SHALL BE MADE TO SAFELY CONDUCT SURFACE WATER TO STORM DRAINS OR SUITABLE WATER COURSES AND TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
4. SUBSURFACE DRAINAGE IS TO BE PROVIDED IN AREAS HAVING A HIGH WATER TABLE, TO INTERCEPT SEEPAGE THAT WOULD ADVERSELY AFFECT SLOPE STABILITY, BUILDING FOUNDATIONS OR CREATE UNDESIRABLE WETNESS.
5. ADJOINING PROPERTY SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS.
6. FILL SHALL NOT BE PLACED ADJACENT TO THE BANK OF A STREAM OR CHANNEL, UNLESS PROVISIONS ARE MADE TO PROTECT THE HYDRAULIC, BIOLOGICAL, AESTHETIC AND OTHER ENVIRONMENTAL FUNCTIONS OF THE STREAM.
7. INSTALLATION REQUIREMENTS:
A. TIMBER, LOGS, BRUSH, RUBBISH, ROCKS, STUMPS AND VEGETATIVE MATTER WHICH WILL INTERFERE WITH THE GRADING OPERATION OR AFFECT THE PLANNED STABILITY OR FILL AREAS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE PLAN.
B. TOPSOIL IS TO BE STRIPPED AND STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISH GRADING OF ALL EXPOSED AREAS REQUIRING TOPSOIL.
C. FILL MATERIAL IS TO BE FREE OF BRUSH, RUBBISH, TIMBER, LOGS, VEGETATIVE MATTER AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS.
D. ALL FILLS SHALL BE COMPACTED SUFFICIENTLY FOR THEIR INTENDED PURPOSE AND AS REQUIRED TO REDUCE SLIPPING, EROSION OR EXCESSIVE SATURATION.
E. ALL DISTURBED AREAS SHALL BE LEFT WITH A NEAT AND FINISHED APPEARANCE AND SHALL BE PROTECTED FROM EROSION.
F. TREES TO BE RETAINED SHALL BE PROTECTED IF NECESSARY IN ACCORDANCE WITH THE STANDARD FOR TREE PROTECTION DURING CONSTRUCTION.
G. SOIL COMPACTION RESULTING FROM LAND GRADING ACTIVITIES CAN IMPACT THE INFILTRATION RATE OF THE SOIL. RESTORATION OF COMPACTED SOILS THROUGH DEEP TILLAGE (6" TO 12") AND THE ADDITION OF ORGANIC MATTER MAY BE REQUIRED IN PLANNED PEROUS AREAS TO ENHANCE THE INFILTRATION RATE OF THE DISTURBED SOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).

TEMPORARY VEGETATIVE COVER

- 1. SITE PREPARATION
A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING, PG. 19-1.
B. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE STANDARDS 11 THROUGH 42.
C. IMMEDIATELY PRIOR TO SEEDING, THE SURFACE SHOULD BE SCARIFIED 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
2. SEEDING
A. SELECT SEED FROM RECOMMENDATIONS IN TABLE 7-2.

TEMPORARY VEGETATIVE STABILIZATION GRASSES, SEEDING RATES, DATES AND DEPTH

Table with columns: SEED SELECTIONS, SEEDING RATE (POUNDS PER ACRE), OPTIMUM SEEDING DATE (BASED ON PLANT HARDINESS ZONE), and OPTIMUM SEED DEPTH (INCHES). Rows include COOL SEASON GRASSES (Perennial Ryegrass, Spring Oats, Winter Barley, Winter Cereal Rye) and WARM SEASON GRASSES (Pearl Millet, Millet).

- 1. SEEDING RATE FOR WARM SEASON GRASS, SELECTIONS 5-7 SHALL BE ADJUSTED TO REFLECT THE AMOUNT OF PURE LIVE SEED (PLS) AS DETERMINED BY A GERMINATION TEST RESULT. NO ADJUSTMENT IS REQUIRED FOR COOL SEASON GRASSES.
2. MAY BE PLANTED THROUGHOUT SUMMER IF SOIL MOISTURE IS ADEQUATE OR SEEDED AREA CAN BE IRRIGATED.
3. PLANT HARDINESS ZONE (U.S.D.A.)
4. TWICE THE DEPTH FOR SANDY SOILS.

STANDARD FOR STABILIZATION WITH MULCH

- 1. SITE PREPARATION
1.1. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING.
1.2. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE STANDARDS 11 THROUGH 42.
2. PROTECTIVE MATERIALS
2.1. UNROTTED SMALL-GRAIN STRAW, AT 2.0 TO 2.5 TONS PER ACRE, IS SPREAD UNIFORMLY AT 90 TO 115 POUNDS PER 1,000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL. LIQUID MULCH BINDERS, OR NETTING APPROVED RATES ABOVE HAVE BEEN MET WHEN THE MULCH COVERS THE GROUND COMPLETELY UPON VISUAL INSPECTION, I.E. THE SOIL CANNOT BE SEEN BELOW THE MULCH.
2.2. SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN QUANTITIES AS RECOMMENDED BY THE MANUFACTURER.
2.3. WOOD-FIBER OR PAPER-FIBER MULCH AT THE RATE OF 1,500 POUNDS PER ACRE (OR ACCORDING TO THE MANUFACTURER'S REQUIREMENTS) MAY BE APPLIED BY A HYDROSEEDER.
2.4. MULCH NETTING, SUCH AS PAPER JUTE, EXCELSIOR, COTTON, OR PLASTIC, MAY BE USED.
2.5. WOODCHIPS APPLIED UNIFORMLY TO A MINIMUM DEPTH OF 2 INCHES MAY BE USED.
2.6. GRAVEL, CRUSHED STONE, OR SLAG AT THE RATE OF 9 CUBIC YARDS PER 1,000 SQ. FT. APPLIED UNIFORMLY TO A MINIMUM DEPTH OF 3 INCHES MAY BE USED. SIZE 2 OR 3 (ASTM C-33) IS RECOMMENDED.
3. MULCH ANCHORING - SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT OF HAY OR STRAW MULCH AT THE RATE OF 70 TO 90 LBS PER 1000 SF TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA AND STEEPNESS OF SLOPES.
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. STAPLES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.
3.2. MULCH NETTINGS - STAPLE PAPER, COTTON, OR PLASTIC NETTINGS OVER MULCH. USE DEGRADABLE NETTING IN AREAS TO BE MOWED. NETTING IS USUALLY AVAILABLE IN ROLLS 4 FEET WIDE AND UP TO 300 FEET LONG.
3.3. CRUMPER MULCH ANCHORING COULTER TOOL - A TRACTOR-DRAWN IMPLEMENT ESPECIALLY DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE. THIS PRACTICE AFFORDS MAXIMUM EROSION CONTROL, BUT ITS USE IS LIMITED TO THOSE SLOPES UPON WHICH THE TRACTOR CAN OPERATE SAFELY. SOIL PENETRATION SHOULD BE ABOUT 3 TO 4 INCHES. ON SLOPING LAND, THE OPERATION SHOULD BE ON THE CONTOUR.

TOP SOILING SCHEDULE

- 1. TOPSOIL SHOULD BE FRABLE, LOAMY, FREE OF DERRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE OR ADVERSE CHEMICAL OR PHYSICAL CONDITION THAT MAY BE HARMFUL TO PLANT GROWTH. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN 0.5 MILLIHMS PER CENTIMETER. MORE THAN 0.5 MILLIHMS MAY DEGRADATE SEEDINGS AND ADVERSELY IMPACT GROWTH). TOPSOIL HULDED IN FROM OFFSITE SHOULD HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.75 PERCENT. ORGANIC MATTER CONTENT MAY BE RAISED BY ADDITIVES.
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.
3. SCARIFY SURFACE OF SOIL PRIOR TO APPLYING TOPSOIL. HANDLE TOPSOIL ONLY WHEN IT IS DRY ENOUGH TO PREVENT DAMAGING THE SOIL STRUCTURE.

COMPACTION TESTING METHODS

- A. PROBING WIRE TEST (SEE DETAIL 1/1C-105)
B. HAND-HELD PENETROMETER TEST (SEE DETAIL 1/1C-105)
C. TUBE BULK DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)
D. 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 BULK 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.

PERMANENT VEGETATIVE COVER

- 1. TREE STUMPS, MASONRY AND OTHER DEBRIS TO BE REMOVED TO A DEPTH OF 2' BELOW FINISHED GRADE.
2. APPLY TOPSOIL PER TOP SOILING SCHEDULE.
3. UNIFORMLY APPLY GROUND LIMESTONE AND FERTILIZER TO TOPSOIL WHICH HAS BEEN SPREAD AND FIRMED, ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS CO-OPERATIVE EXTENSION OFFICES (HTTP://NAJES.RUTGERS.EDU/COUNTY/). 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 OTHERWISE AND INCORPORATED INTO THE SURFACE 4 INCHES. IF FERTILIZER IS NOT INCORPORATED, APPLY ONE-HALF THE RATE DESCRIBED ABOVE DURING SEEDBED PREPARATION AND REPEAT ANOTHER ONE-HALF RATE APPLICATION OF THE SAME FERTILIZER WITHIN 3 TO 5 WEEKS AFTER SEEDING.
4. WORK LIME AND FERTILIZER INTO THE TOPSOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING-TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT, THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.
5. HIGH ACID PRODUCING SOILS HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5 OR MORE BEFORE INITIATING SEEDBED REPARATION.
6. FIRM SOIL WITH ROLLER PRIOR TO SEEDING.
7. REMOVE STONES LARGER THAN 2" DIAMETER AND OTHER DEBRIS.
8. INSPECT SEEDBED, IF COMPACTED, REFILL AND FIRM AS NECESSARY.
9. APPLY SEED BY HAND, CYCLONE SEEDER OR OTHER SUITABLE EQUIPMENT TO A DEPTH OF 1/4" TO 1/2". FIRM SEEDBED BY LIGHT ROLLER OR DRAG. SEEDING TO FOLLOW GENERAL CONTOURS. SEED TO BE CERTIFIED FREE OF UNDESIRABLE WEEDS AND CONTAMINANTS.

SEED MIXTURE 'A-3' (PER NJDOT 2007 SPECIFICATIONS): TALL FESCUE (REBEL OR FALCON), 2.4 LBS PER 1000 SF; KENTUCKY BLUEGRASS (KENBLUE, SOUTH DAKOTA, OR PARK), 0.40 LBS. PER 1000 S.F.; CHEWINGS FESCUE (BANNER OR JAMESTOWN), 0.80 LBS. PER 1000 S.F.; PERENNIAL RYEGRASS (LINN), 0.40 LBS. PER 1000 S.F. TOTAL = 4.00 LBS. PER 1000 S.F.

- INDICATED SEEDING RATES ARE BASED ON PURE LIVE SEED (PLS). RECOMMENDED PLANTING DATES: 3/1 TO 5/15 OR 8/15 TO 10/15. IF HYDROSEEDING WILL BE THE METHOD OF APPLICATION, THE SEED RATE SHOULD BE INCREASED BY 25%. HYDROSEEDED AREAS MUST STILL RECEIVE STRAW MULCH AND TACKIFIER.
10. MULCH WITH UNROTTED SALT HAY OR SMALL GRAIN STRAW AT RATE OF 90 LBS./1000 S.F. UNIFORMLY SPREAD TO ACHIEVE 75% TO 90% COVERAGE. MULCH SHALL BE ANCHORED UTILIZING AN ORGANIC NETTING STAPLED IN PLACE WHERE SLOPES EXCEED 4%. AN ORGANIC BINDER, APPLIED AT RATES SPECIFIED BY THE MANUFACTURER, SHALL BE USED IN ALL OTHER AREAS REQUIRING STABILIZATION.
11. IRRIGATE TO ACHIEVE MINIMUM OF 1" OF WATER PER WEEK FOR A MINIMUM OF 4 WEEKS OR UNTIL GERMINATION IS COMPLETED AND VEGETATION IS ESTABLISHED.

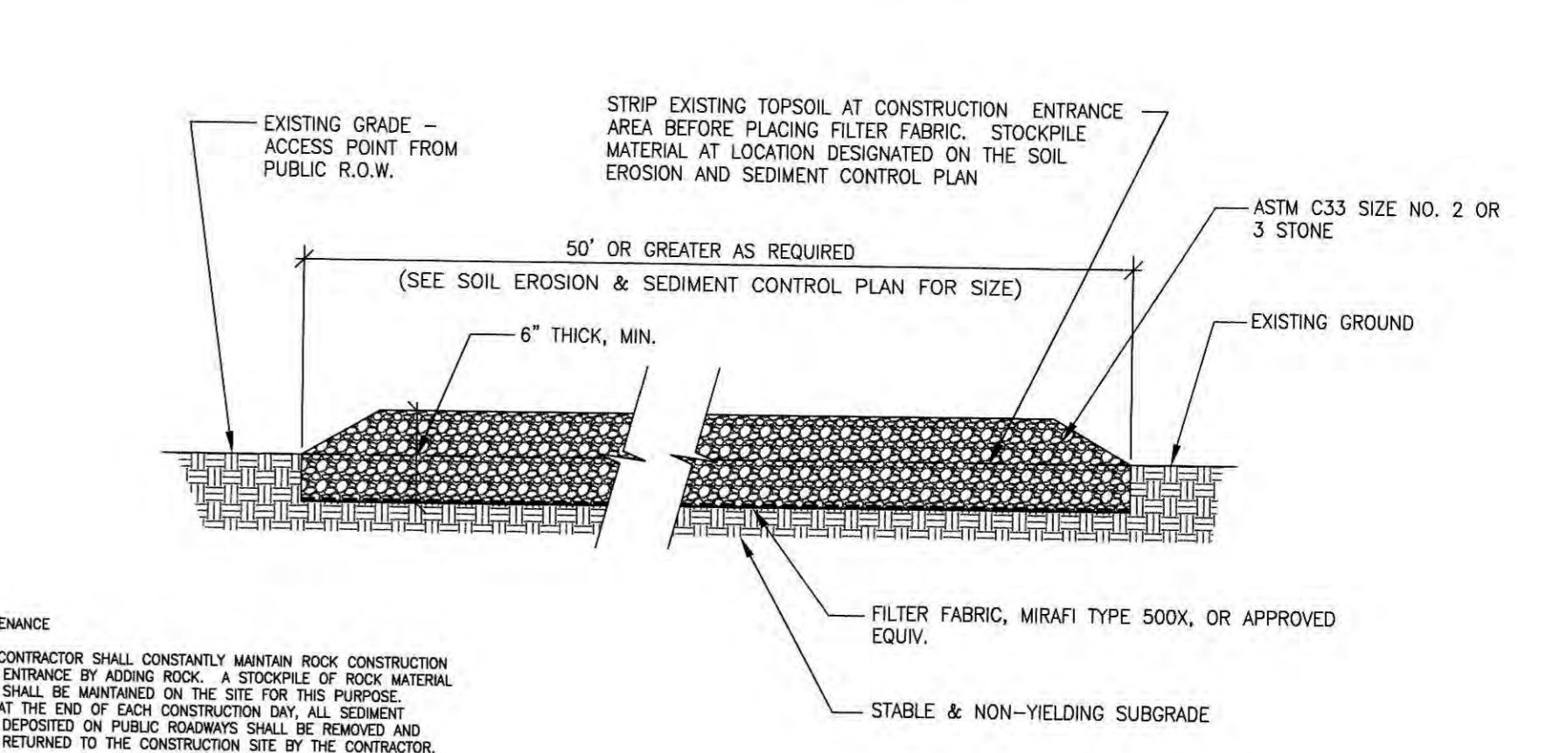
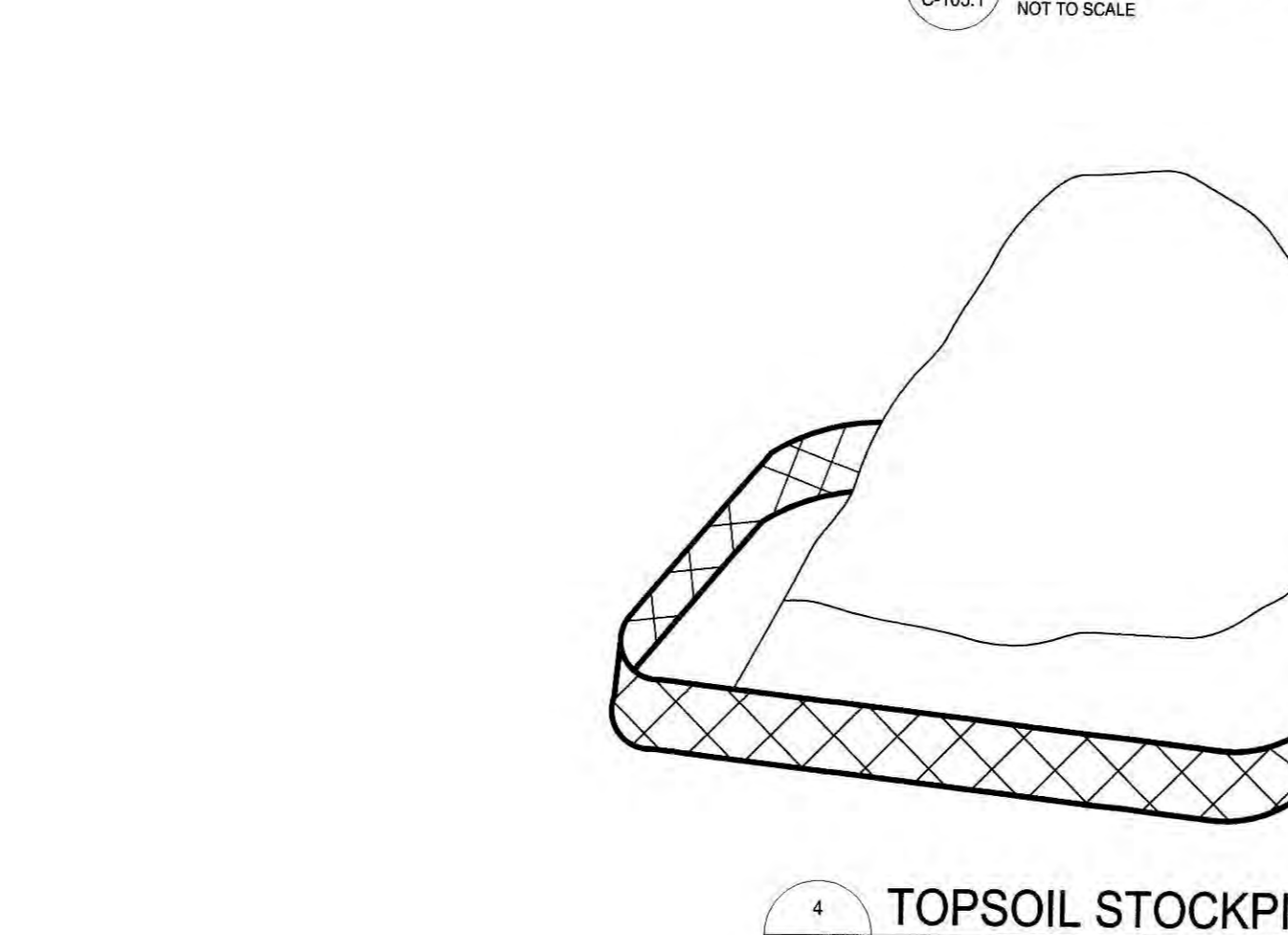
ANTICIPATED SEQUENCE OF CONSTRUCTION:

- 1. CONTACT THE GLOUCESTER COUNTY SOIL CONSERVATION DISTRICT AT 856-589-5250 A MINIMUM OF 72 HOURS PRIOR TO ANY SOIL DISTURBANCE TO ARRANGE A PRE-CONSTRUCTION MEETING.
2. THE ORIGINAL GLOUCESTER COUNTY SOIL CONSERVATION DISTRICT CERTIFICATION AND PLANS MUST BE AVAILABLE AT THE SITE AT ALL TIMES.
3. INSTALL SILT FENCE AND CONSTRUCTION ENTRANCE. MAINTAIN THROUGHOUT CONSTRUCTION.
4. CLEAR AND GRUB SITE AS NECESSARY TO INSTALL STABILIZED CONSTRUCTION ENTRANCE.
5. REMOVE EXISTING VEGETATION AND HARDSCAPE AS SHOWN ON SHEET C-101.
6. EXCAVATE FOR STORMWATER BASINS.
7. ROUGH GRADE STORMWATER BASIN AND STORAGE YARD PARKING AND DRIVE AISLES. PROVIDE SLOPE STABILIZATION ON BASIN SLOPES. INSTALL SILT FENCE ALONG TOP AND BOTTOM OF BASIN UNTIL UPSTREAM RUNOFF AREAS ARE STABILIZED. BASIN MUST BE PROPERLY CONSTRUCTED, PERMANENTLY STABILIZED, AND CONDUIT OUTLET PROTECTION INSTALLED PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
8. FINE GRADE SITE AND PLACE STABILIZED BASE COURSE.
9. REDISTRIBUTE TOPSOIL AND SEED PER SEEDING SPECIFICATIONS.
10. PLACE PARKING AREA GRAVEL.
11. REMOVE EROSION CONTROL DEVICES UPON STABILIZATION.
12. CONTACT THE GLOUCESTER COUNTY SOIL CONSERVATION DISTRICT FOR FINAL INSPECTION.

SOIL COMPACTION TESTING REQUIREMENTS

- 1. SUBGRADE SOILS PRIOR TO THE APPLICATION OF TOPSOIL (SEE PERMANENT SEEDING AND STABILIZATION 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.
2. AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION ARE GRAPHICALLY DENOTED ON THE CERTIFIED SOIL CONSERVATION CONTROL PLAN. SEE EXAMPLE SITE PLAN AT: HTTP://WWW.NJ.GOV/AGRICULTURE/DIVISIONS/ANR/NRC/NJEROSION.HTML
3. 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 SOIL COMPACTION MITIGATION VERIFICATION FORM, AVAILABLE FROM THE LOCAL SOIL CONSERVATION DISTRICT OR HTTP://WWW.NJ.GOV/AGRICULTURE/DIVISIONS/ANR/NRC/NJEROSION.HTML. THIS FORM MUST BE FILLED OUT AND SUBMITTED PRIOR TO RECEIVING A CERTIFICATE OF COMPLIANCE FROM THE DISTRICT.
4. IN THE EVENT THAT TESTING INDICATES COMPACTION IN EXCESS OF THE MAXIMUM THRESHOLDS INDICATED FOR THE SIMPLIFIED TESTING METHODS (SEE DETAILS BELOW), 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 EXCESSIVELY COMPACTED AREAS WOULD REQUIRE COMPACTION MITIGATION. ADDITIONAL DETAILED TESTING SHALL BE PERFORMED BY A TRAINED, LICENSED PROFESSIONAL ENGINEER.

SIMPLIFIED COMPACTION TESTING METHODS



STABILIZED CONSTRUCTION ENTRANCE

3 NOT TO SCALE

NOTE: 1. MAINTENANCE
A. CONTRACTOR SHALL CONSTANTLY MAINTAIN ROCK CONSTRUCTION ENTRANCE BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL SHALL BE MAINTAINED ON THE SITE FOR THIS PURPOSE.
B. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PUBLIC ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE BY THE CONTRACTOR.

TEMPORARY CONCRETE WASHOUT FACILITY NOTES:

- 1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE LOCATED A MINIMUM OF 15M (50 FT) FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES AND WATERWAYS. WASH FACILITY SHALL BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS AREAS TO PREVENT DISTURBANCE OR TRACKING.
2. SOIL SHALL BE DESTROYED ADJACENT TO EACH WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES.
3. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND WASTE CONCRETE GENERATED BY WASHOUT OPERATIONS. THE LENGTH AND WIDTH OF THE FACILITY MAY BE INCREASED AS NEEDED.
4. TEMPORARY WASHOUT FACILITIES SHALL HAVE A TEMPORARY PIT OR BERMED AREAS OF SUFFICIENT VOLUME TO COMPLETELY CONTAIN ALL LIQUID AND WASTE CONCRETE MATERIALS GENERATED DURING WASHOUT PROCEDURES.
5. PERFORM WASHOUT OF CONCRETE TRUCKS AT DESIGNATED AREAS AND DISPOSED OF PROPERLY.
6. WASH CONCRETE ONLY FROM MIXER TRUCK CHUTES INTO APPROVED CONCRETE WASHOUT FACILITY. WASHOUT MAY BE COLLECTED IN AN INTERMEDIATE POND FOR DISPOSAL.
7. PUMP EXCESS CONCRETE IN CONCRETE PUMP BACK INTO CONCRETE MIXER TRUCK.
8. CONCRETE WASHOUT FROM CONCRETE PUMPER BINS CAN BE WASHED WITH CONCRETE RAMPER TRUCKS AND DISCHARGED INTO DESIGNATED WASHOUT AREA OR PROPERLY DISPOSED OFFSITE.
9. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHALL BE BROKEN UP, REMOVED AND DISPOSED OF PROPERLY.

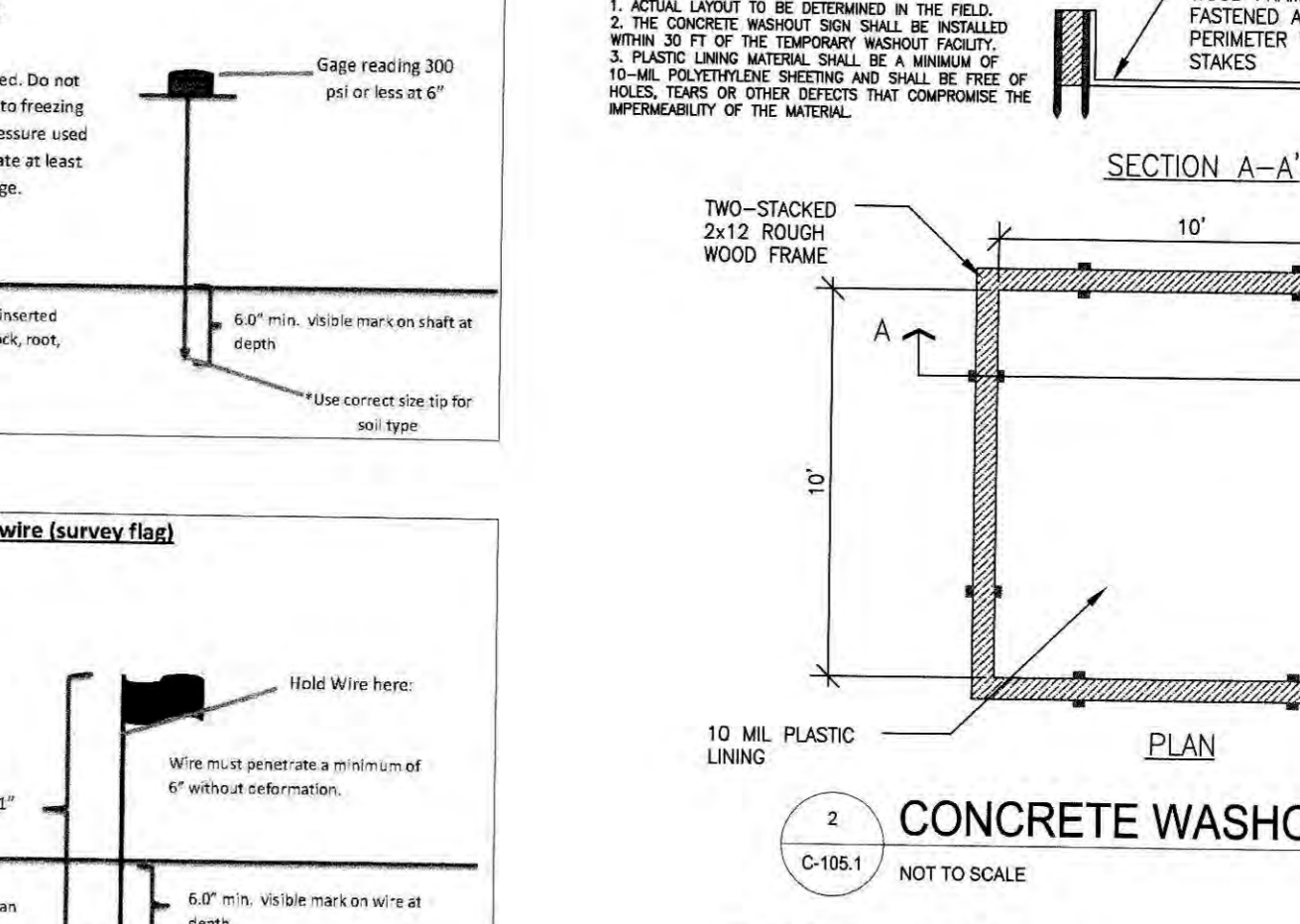
REMOVAL OF TEMPORARY CONCRETE WASHOUT FACILITY NOTES:

- 1. WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF PROPERLY. DISPOSAL OF SOLIDUS OR LIQUID WASTE SHALL BE DEPOSITED AT OFFSITE EITHER TO A PERMITTED TREATMENT FACILITY OR BACK TO THE MIX PLANT.
2. THE CONTRACTOR'S WATER POLLUTION CONTROL MANAGER (WPCM) SHALL MONITOR ON SITE CONCRETE WASTE STORAGE AND DISPOSAL PROCEDURES AT LEAST WEEKLY OR AS DIRECTED BY THE ICE.
3. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM PREPARATION OF 100 MM (4 INCHES) FOR ABOVE GRADE FACILITIES AND 300 MM (12 INCHES) FOR BELOW GRADE FACILITIES. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVAL AND COLLECTION OF HARDENED CONCRETE AND LIQUID WASTE AND RETURNING THE FACILITY TO A FUNCTIONAL CONDITION.
4. EXISTING FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USED ONCE THE WASHOUT IS 75% FULL.
5. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED WEEKLY FOR DAMAGE (I.E. TEARS IN THE PVC LINER, MISSING SAND BAGS, ETC.). DAMAGED FACILITIES SHALL BE REPAIRED.

STATEWIDE STORM FERMING PROGRAM NOTES:

- 1. CONCRETE TRUCK WASHOUT AREAS WILL BE MAINTAINED ON A CONTINUAL BASIS AND AS NEEDED.
2. THE STORMWATER POLLUTION PREVENTION PLAN AND THE SPILL RESPONSE PLAN SHALL BE AVAILABLE ON SITE FOR REVIEW BY THE SCD INSPECTOR AND/OR THE ADEP INSPECTOR.
3. THE SCD INSPECTOR OR ADEP INSPECTOR MAY REQUIRE ADDITIONAL MEASURES FOR STORMWATER POLLUTION PREVENTION TO BE INSTALLED.
4. INSPECTIONS OF ALL STORMWATER POLLUTION PREVENTION PLAN MEASURES WILL BE CONDUCTED AND DOCUMENTED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
5. WASTE COLLECTION CONTRACTOR WILL NOT BE PERMITTED TO OVERFLOW.
6. 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.
7. ANY HAZARDOUS SUBSTANCE RELEASES IN EXCESS OF REPORTABLE QUANTITIES (RQ) ESTABLISHED UNDER 40 C.F.R. 110.117 AND 302 THAT OCCUR WITHIN 24 HOUR PERIOD MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (800-424-8802).
8. NO VEHICLE MAINTENANCE SHALL BE PERFORMED ON SITE.
9. ANY CHEMICALS TO BE STORED ON SITE DURING CONSTRUCTION SHALL BE STORED AS TO ENSURE NO CONTRIBUTION FROM THE CHEMICALS WILL OCCUR.
10. CONTRACTOR IS REQUIRED TO DEVELOPE AN ITENED SPILL RESPONSE PLAN IN CONFORMANCE WITH APPLICABLE DEP REQUIREMENTS. SPILL RESPONSE PLAN SHALL BE AVAILABLE ON SITE.
11. CONTRACTOR IS RESPONSIBLE FOR CONDUCTING WEEKLY SITE INSPECTIONS AND AFTER A RAIN EVENT PER THE NEW JERSEY STORM WATER POLLUTION PREVENTION PLAN (SPWP) INSPECTION AND MONITORING PROGRAM. THE INSPECTIONS WILL INCLUDE ONDING BEST MANAGEMENT PRACTICES DURING THE CONSTRUCTION PROJECT. BMP'S SHALL BE EVALUATED FOR PROPER INSTALLATION AND FUNCTIONING AND WHETHER ADDITIONAL MEASURES ARE REQUIRED DURING CONSTRUCTION. INSPECTION REPORTS ARE TO BE DOCUMENTED ON THE "SPWP" CHECKLIST AND INSPECTION FORM. INSPECTION REPORTS SHALL BE KEPT ON SITE.

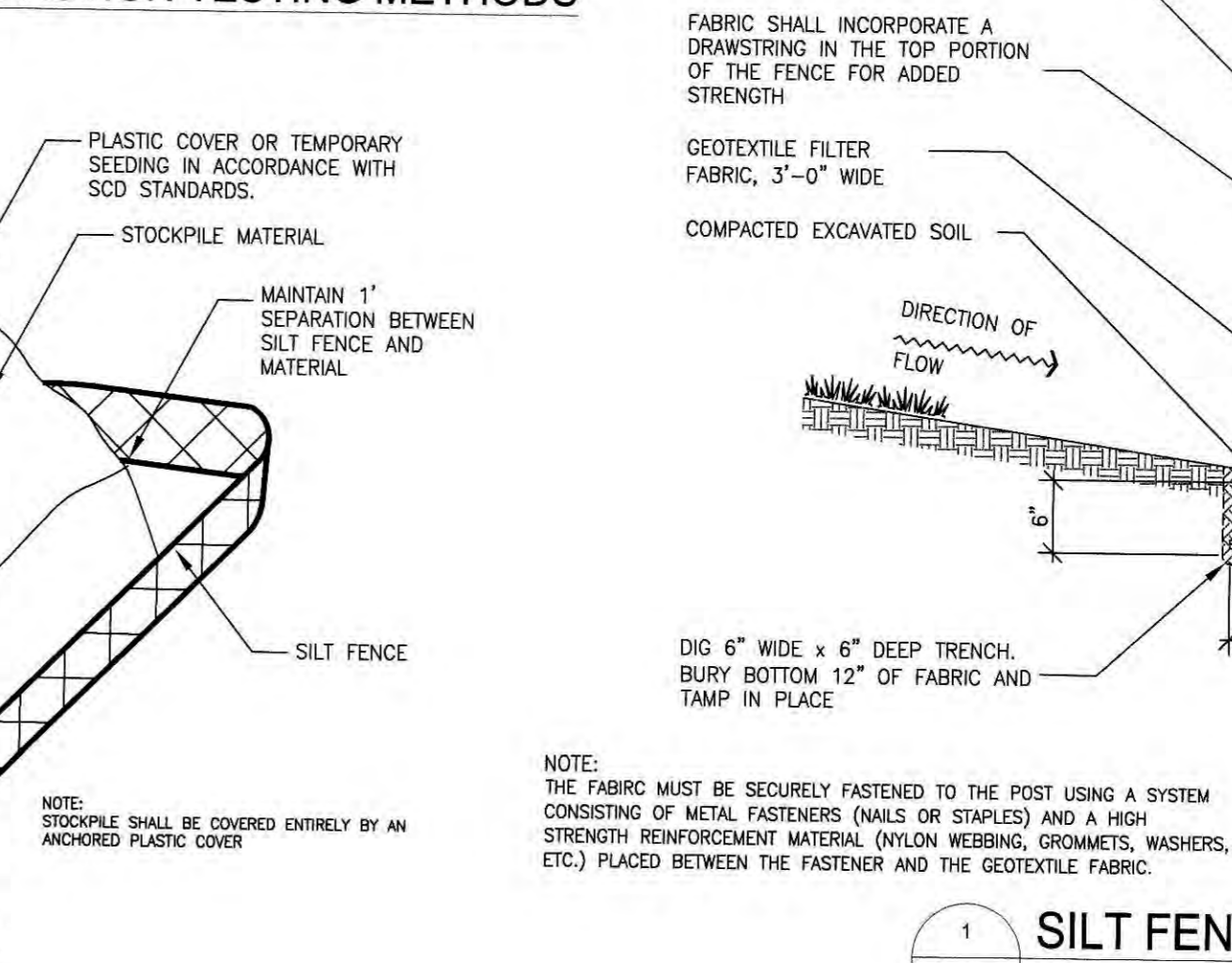
CONCRETE WASHOUT FACILITY



2 NOT TO SCALE

SIMPLIFIED COMPACTION TESTING METHODS

5 NOT TO SCALE



SILT FENCE

1 NOT TO SCALE



1000 Midland Drive, Suite 300 W. Tel: 856.234.0800
Mount Laurel, NJ 08054-1740 Fax: 856.234.9928
www.stantec.com
Certificate of Auth. 24C-2904-600
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to the Client within 10 days of the date of the drawing. The Contractor shall be responsible for any reproduction or use for any purpose other than that authorized by Stantec Inc.

Project: COPART - ELK TOWNSHIP
Block 66, Lots 1.01, 1.02, 1.03
TOWNSHIP OF ELK, GLOUCESTER COUNTY, NEW JERSEY
Client: COPART OF CONNECTICUT
Title: SOIL EROSION & SEDIMENT CONTROL NOTES
Permit-Saal
CLIFTON W. QUAY
PROFESSIONAL ENGINEER, PROFESSIONAL PLANNER
N.J.P.E. LICENSE #42870, N.J.P.P. LICENSE #060583
Date: 12.14.20
Scale: 1"=40'

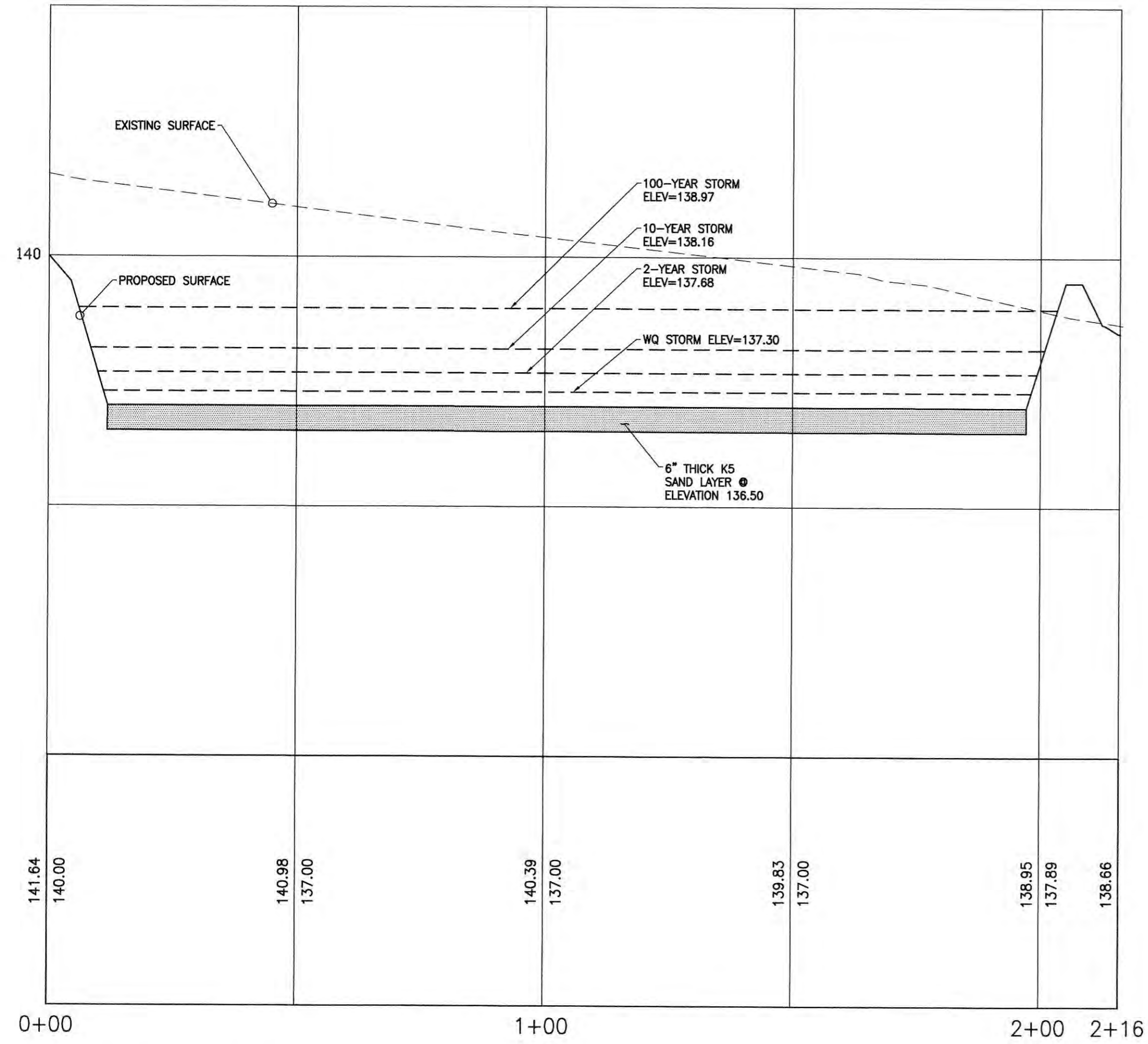
Project Number: 192520356
LPD CWO JRO 12-14-2020
Dwn. Chkd. Dgns. MM DD YY
Scale: 1"=40'
Drawing No. C-105.1
Revision Sheet

4 NOT TO SCALE

1 NOT TO SCALE

0

9 of 8



BASIN SECTION A-A
SCALE: 1"=20' H
1"=2' V

HEAVY DUTY, BICYCLE SAFE INLET FRAME AND GRATE NO. 3425 WITH "NJ TCO" LOGO AND TEXT AS MANUF. BY BRIDGESTE FOUNDRY CO. OR APPROVED EQUIVALENT.

PLACE TOP UNIT ON MORTAR BED. USE STANDARD MANHOLE BRICK FOR ADDITIONAL ADJUSTMENT, IF REQUIRED

PRECAST REINFORCED CONCRETE TYPE "E" TOP UNIT AS MANUF. BY TERRE HILL CONCRETE PRODUCTS, INC., OR APPROVED EQUIVALENT

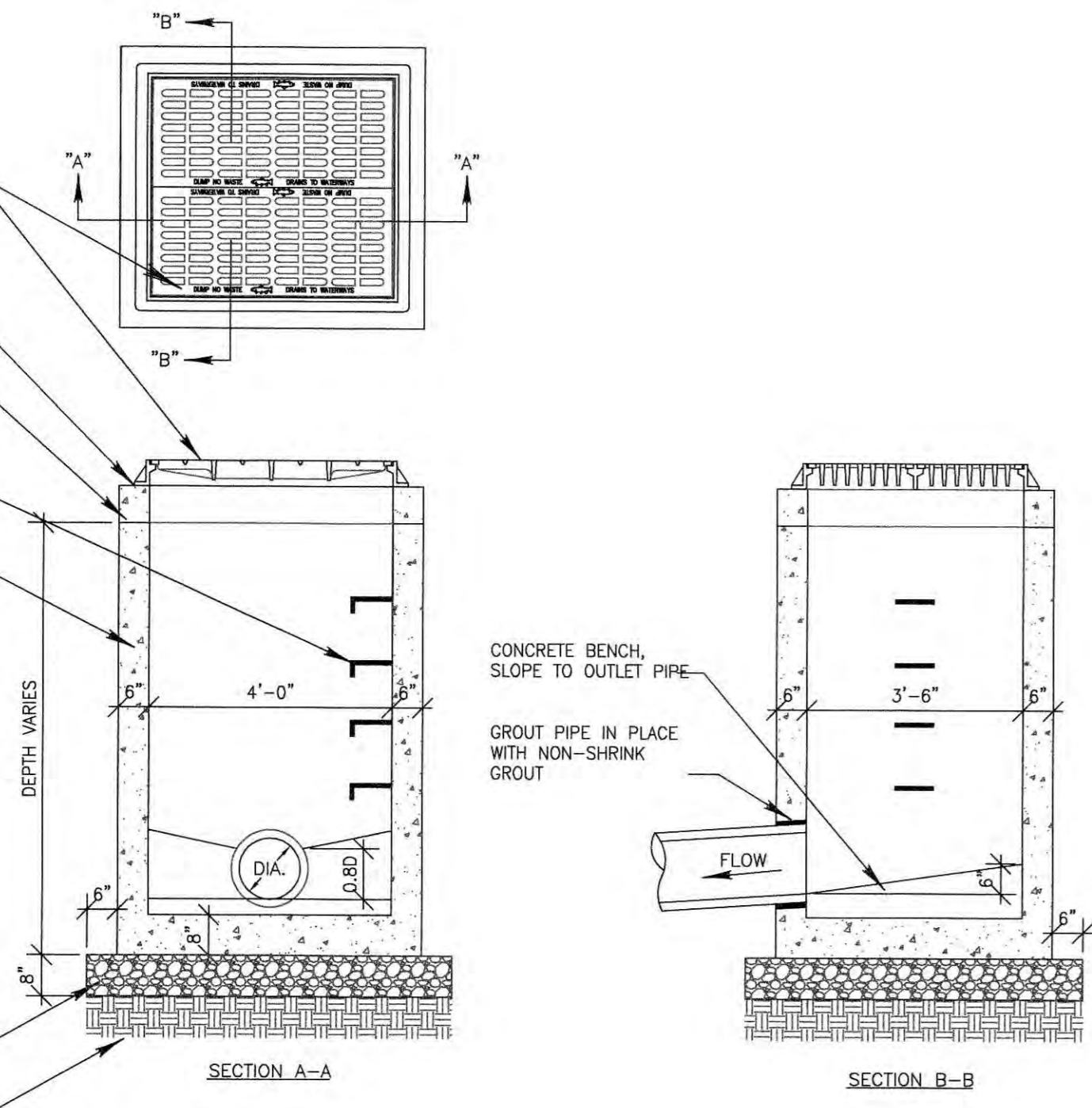
POLYPROPYLENE LADDER RUNGS @ 12" O.C.

PRECAST REINFORCED CONCRETE INLET BOX AS MANUF. BY TERRE HILL CONCRETE PRODUCTS, INC., OR APPROVED EQUIVALENT

NOTES:
1. PRECAST INLET STRUCTURE TO BE REINFORCED CONCRETE, AIR ENTRAINED, MINIMUM $f'c = 4,000$ PSI @ 28 DAYS.
2. JOINTS BETWEEN SECTIONS SHALL BE TONGUE AND GROOVE JOINTS, AND SHALL BE SET WITH MORTAR.
3. USE MODIFIED 4'-0" x 4'-0" BASE BOX WITH TOP SLAB FOR TRANSITION TO INLET RISER WHERE PIPE DIAMETER EXCEEDS 24".
4. ALL PIPE PENETRATIONS SHALL BE PARGED ON THE INSIDE AND OUTSIDE OF STRUCTURE.

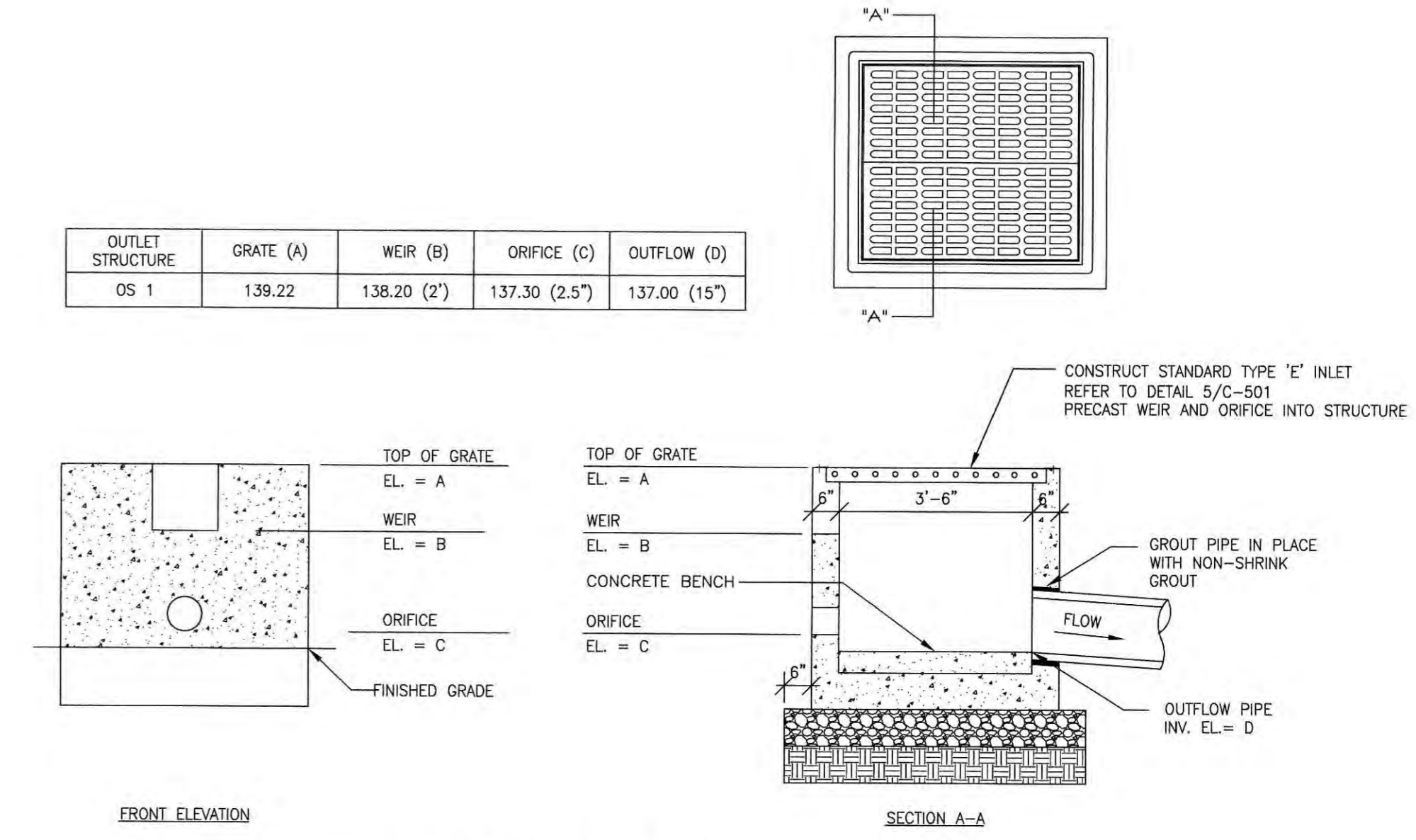
STONE BED, AASHTO COARSE AGGREGATE SIZE NO. 57

STABLE AND NON-YIELDING SUBGRADE

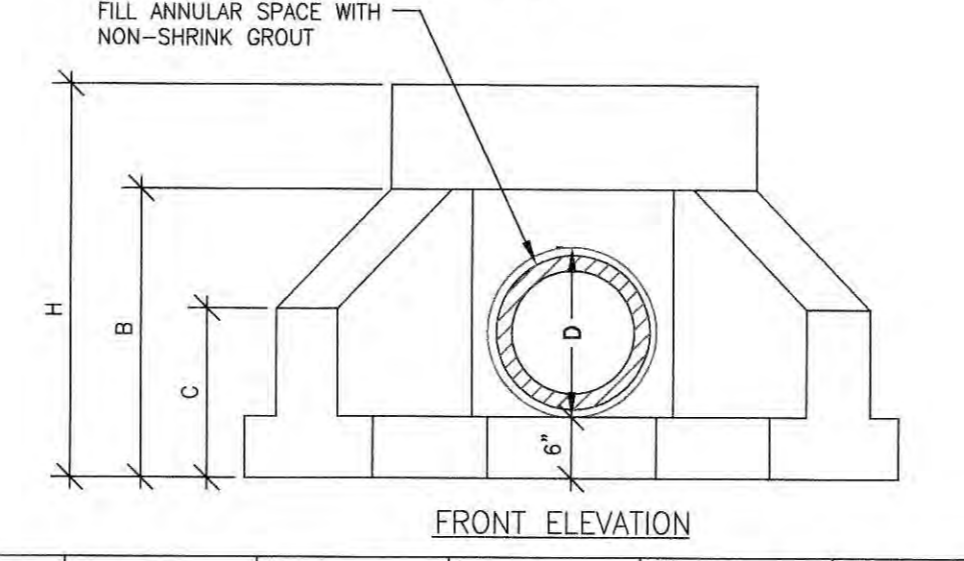
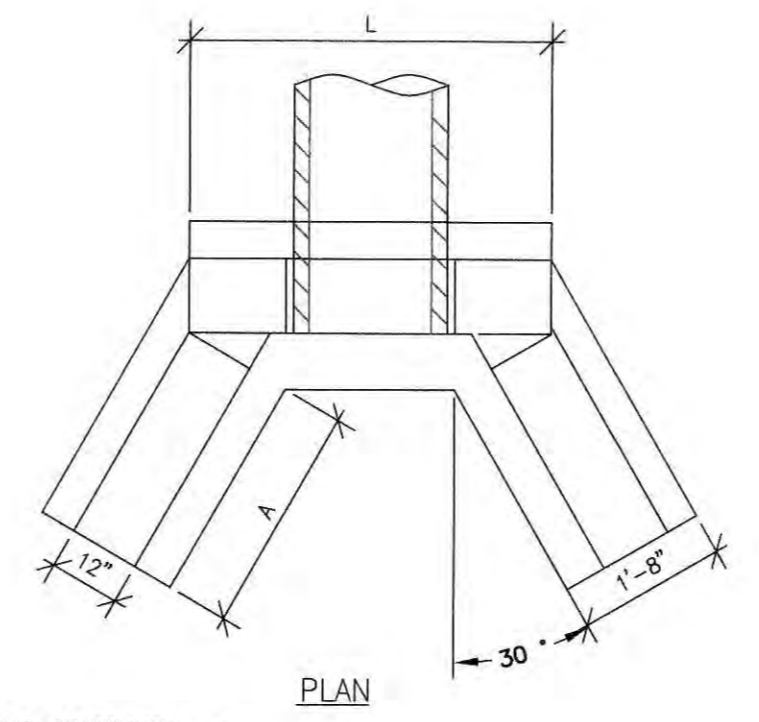


"E" INLET WITH BICYCLE GRATE
C-501 NOT TO SCALE

OUTLET STRUCTURE	GRATE (A)	WEIR (B)	ORIFICE (C)	OUTFLOW (D)
OS 1	139.22	138.20 (2')	137.30 (2.5')	137.00 (15')



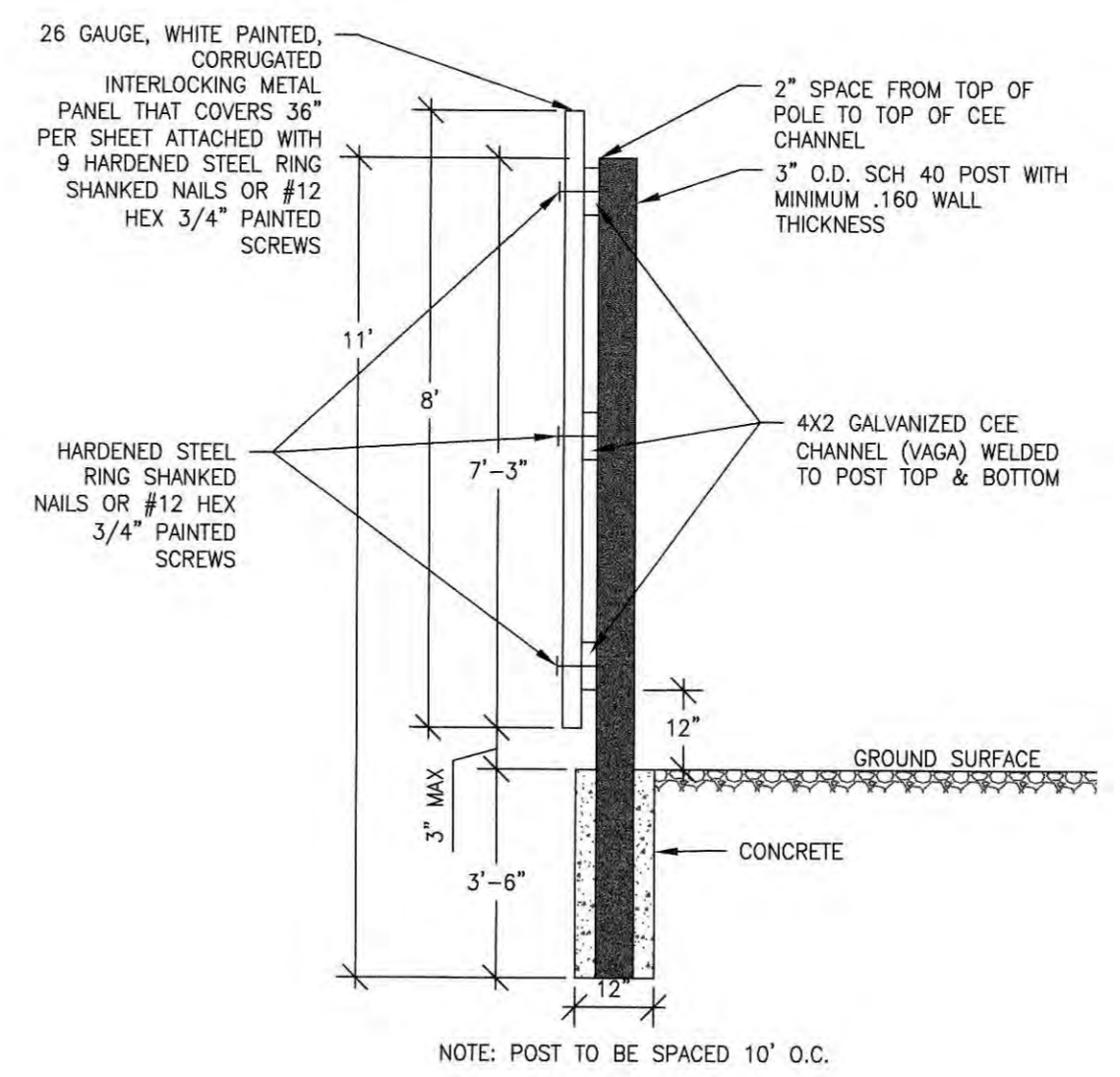
3 OUTLET STRUCTURE
C-501 NOT TO SCALE



PIPE SIZE (RCP)	HOLE SIZE (D)	LENGTH (L)	HEIGHT (H)	WING SIZE (A)	WING SIZE (B)	WING SIZE (C)
15-18"	24"	38"	39"	27"	27"	17"

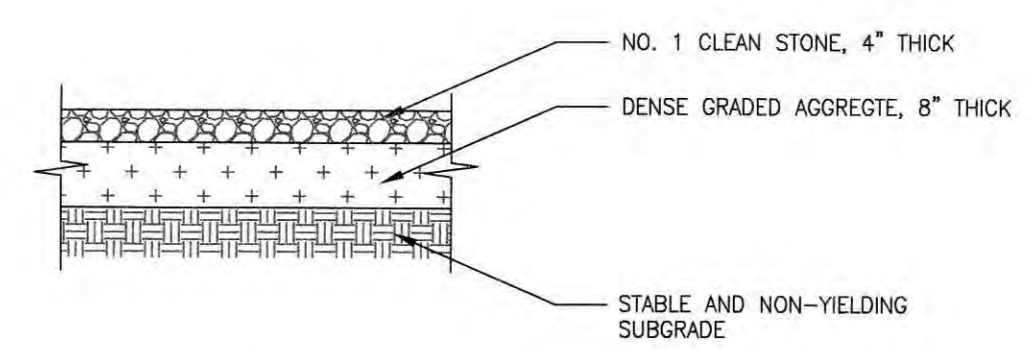
NOTES:
1. CONCRETE: $f'c = 4000$ PSI @ 28 DAYS; ENTRAINED AIR - 6% +/- 1.5%; TYPE III CEMENT W/ ASTM C-33 NO. 67 COARSE AGGREGATE.
2. REINFORCING IS DEFORMED STEEL CONFORMING TO ASTM A615, GRADE 60.

4 HEADWALL
C-501 NOT TO SCALE



LEGEND
A. 26 GAUGE, WHITE PAINTED, CORRUGATED INTERLOCKING METAL PANELS 36"x8" ATTACHED TO 3-4x2 GALVANIZED CEE CHANNELS WITH 9 HARDENED STEEL RING SHANKED NAILS OR #12 HEX 3/4" PAINTED SCREWS
B. 3" O.D. SCH 40 GALVANIZED POSTS MINIMUM .160 WALL THICKNESS
C. ALUMINUM POST CAP
D. 4x2 GALVANIZED CEE CHANNEL (VGA) WELDED TO POST TOP & BOTTOM
E. GROUND SURFACE
F. CONCRETE FOOTINGS 3000PSI CONCRETE TO DEPTH ACCORDING TO FROST LINE

2 8' HIGH SECURITY FENCE
C-501 NOT TO SCALE



1 STORAGE YARD STRUCTURAL SECTION
C-501 NOT TO SCALE

Revision	By	MM.DD.YY

Project: ELK TOWNSHIP
COPART: ELK TOWNSHIP
BLOCK 06, LOTS 1.01, 1.02, 1.03
TOWNSHIP OF ELK, GLOUCESTER COUNTY, NEW JERSEY

Client: COPART OF CONNECTICUT

Title: DETAIL SHEET

Permit-Seal

CLIFTON W. QUAY
PROFESSIONAL ENGINEER, PROFESSIONAL PLANNER
N.J.P.E. LICENSE #42670, N.J.P.P. LICENSE #106563

CWQ 12-14-20
DATE