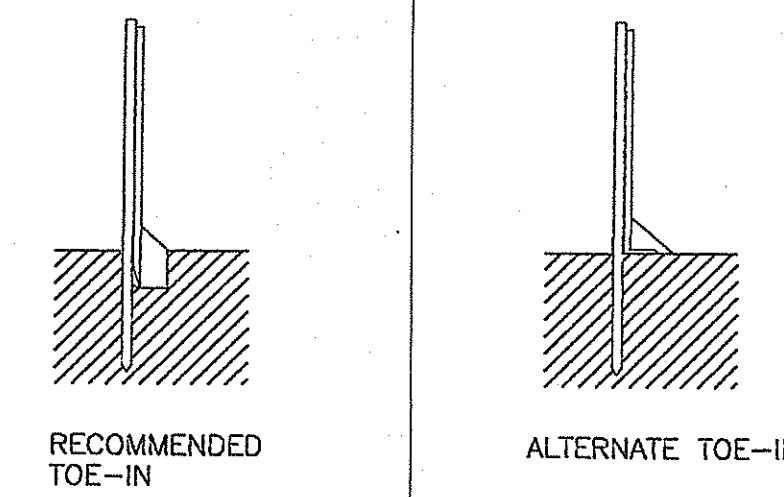


- SOIL EROSION AND SEDIMENT CONTROL NOTES**
1. AREA OF SITE = 1.635 ACRES.
 2. AREA OF DISTURBANCE = 1.3 ACRE
 3. PROJECT SITE IS LOCATED IN AN AREA CONSISTING OF WOODSTOWN SANDY LOAM (WBL) 2% TO 5% SLOPES.
 4. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL, AND WILL BE IN ACCORDANCE WITH AN MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PROTECTION IS ESTABLISHED.
 5. ANY DISTURBED AREA THAT WILL BE EXPOSED FOR MORE THAN 30 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING PER NOTE 11. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED OR EQUIVALENT MATERIAL AT A RATE OF 2 TONS PER ACRE IN ACCORDANCE WITH THE STANDARDS.
 6. PERMANENT VEGETATION IS TO BE ESTABLISHED ON ALL EXPOSED AREAS WITHIN 10 DAY GRADING. MULCH IS TO BE USED AS NECESSARY FOR PROTECTION UNTIL VEGETATION IS ESTABLISHED.
 7. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS OF EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR TOP SOIL AT A RATE OF 2 TONS/ACRE, ACCORDING TO STATE STANDARDS.
 8. A SUBBASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSURE NO UTILITIES ARE PRESENT, THE SUBBASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE GRADING.
 9. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED. THE INSTALLATION CONTINUES (I.E. SLOPES GREATER THAN 3:1).
 10. IN ACCORDANCE WITH THE STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION, ANY SOIL HAVING A pH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A pH OF 5 OR MORE PRIOR TO SEEDING PREPARATION.
 11. AT THE TIME THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS COMPLETED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT PERMANENT VEGETATION SHALL BE REMOVED AND TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROWTH OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
 12. IN THAT NJSA 4:24-39 ET. SEQ. REQUIRES THAT NO CERTIFICATES OF OCCUPANCY BE ISSUED BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR EROSION CONTROL HAVE BEEN COMPLETED FOR PERMANENT MEASURES, ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND IN SUBDIVISIONS WILL HAVE TO BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.
 13. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT VERIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS.
 14. UNFILTERED DEWATERING IS NOT PERMITTED. TAKE ALL NECESSARY PRECAUTIONS DURING DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.
 15. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED. THE SURFACE IS WET, TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED OR MULCH APPLIED IN ACCORDANCE WITH THE STATE STANDARDS FOR EROSION CONTROL.
 16. ALL SOIL WASHED, DROPPED, TRACKED OR SPILLED OUTSIDE THE LIMITS OF DISTURBANCE SHALL BE IMMEDIATELY REMOVED.
 17. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT OCCURS BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF THE CONSTRUCTION.
 18. STOCKPILE AND STAGING LOCATIONS DETERMINED IN THE FIELD, SHALL BE PLACED WITHIN THE LIMIT OF DISTURBANCE ACCORDING TO THE CERTIFIED PLAN. STAGING AND STOCKPILES NOT WITHIN THE LIMIT OF DISTURBANCE WILL REQUIRE CERTIFICATION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN. THE DISTRICT RESERVES THE RIGHT TO DETERMINE WHEN CERTIFICATION PLAN AND SEPARATE PLAN WILL BE REQUIRED FOR THESE ACTIVITIES.
 19. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #5.
 20. THE STANDARD FOR STABILIZED CONSTRUCTION ENTRANCE REQUIRES THE INSTALLATION OF A TRUCK PAD OF 1 1/2" TO 2" STONE AT ALL CONSTRUCTION DRIVEWAYS IMMEDIATELY AFTER DISTURBANCE.
 21. ALL TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH TREE PROTECTION SERVICES OR SEDIMENT BARRIERS. SEE STANDARDS.
 22. THE SOIL EROSION DISTRICT MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON OR OFF SITE EROSION PROBLEMS DURING CONSTRUCTION.
 23. THE FREEHOLD SCD MUST BE NOTIFIED, IN WRITING, AT LEAST 72 HOURS PRIOR TO ANY DISTURBANCE.
 24. TEMPORARY STABILIZATION SPECIFICATION:
 - A. APPLY GROUND LIMESTONE AT A RATE OF 90 LBS/1000 SF.
 - B. APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS/1000 SF AND WORK INTO THE SOIL TO A DEPTH OF 4".
 - C. PERENNIAL RYEGRASS AT 40 LBS/ACRE
 - D. ANNUAL RYEGRASS AT 40 LBS/ACRE
 - E. MULCH WITH UNROTTED SALT HAY OR SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING AT A RATE OF 90 LBS/1000 SF AND SECURE BY APPROVED METHODS.
 - F. PLANT SEED BETWEEN FEB 15 AND MAY 1 OR BETWEEN AUG 15 AND OCT 15 IF POSSIBLE.
 25. PERMANENT STABILIZATION SPECIFICATION:
 - A. APPLY TOPSOIL TO A DEPTH OF 4".
 - B. PERENNIAL RYEGRASS AT 10 LBS/ACRE
 - C. KENTUCKY BLUEGRASS AT 25 LBS/ACRE
 - D. RED FESCUE AT 15 LBS/ACRE
 - E. SPREADING FESCUE AT 15 LBS/ACRE
 - F. MULCH WITH UNROTTED SALT HAY OR SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING AT A RATE OF 90 LBS/1000 SF ACCORDING TO NJ STANDARDS.
 - G. ANCHOR MULCH WITH PEG AND TWINE OR MULCH NETTING METHODS.
 - H. IF POSSIBLE, PLANT BETWEEN FEB 15 AND MAY 1 OR BETWEEN AUG 15 AND OCT 15.

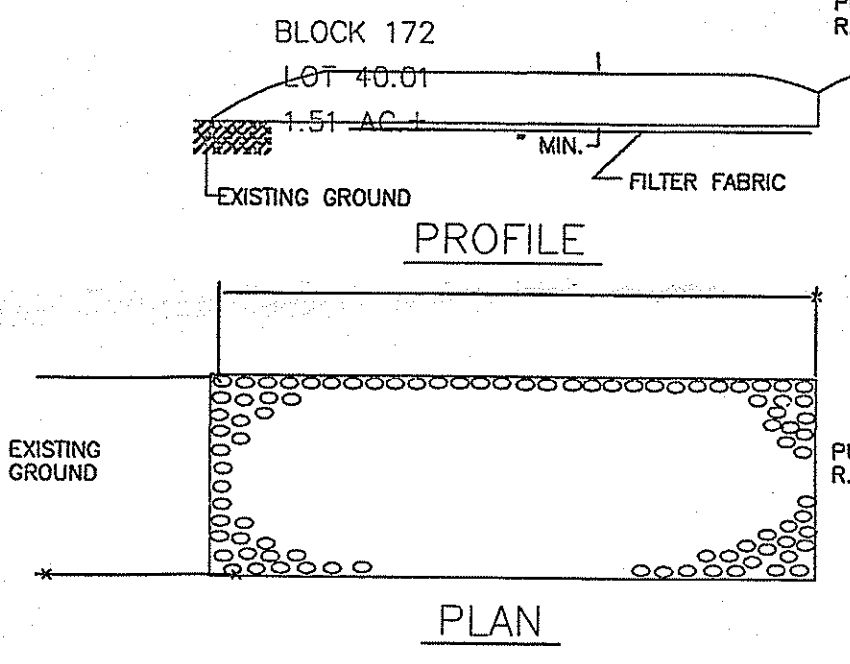
SEPTIC SYSTEM DESIGN AND SOIL LOGS ARE NOT PART OF THIS SUBMITTAL. THESE WILL BE SUBMITTED SEPARATELY TO THE MONMOUTH COUNTY HEALTH DEPT.

BLOCK 172
LOT 47
46.71 AC.±

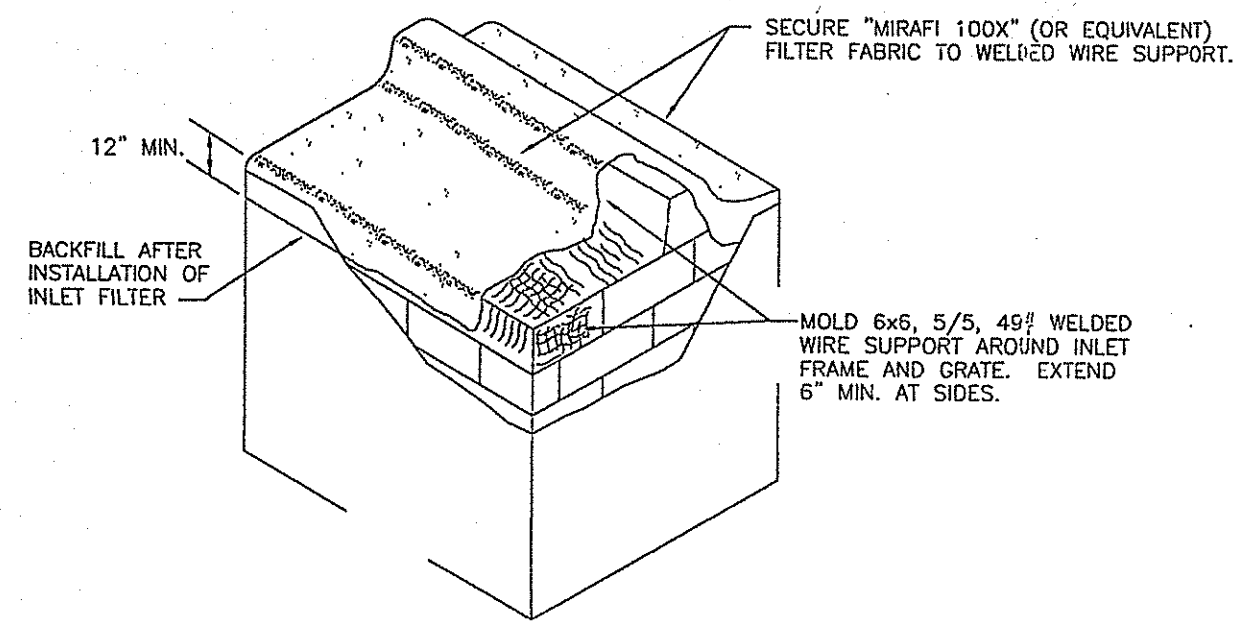
BLOCK 172
LOT 40.02
1.10 AC.±



SILT FENCE
N.T.S.



STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



INLET FILTER DETAIL
N.T.S.

NOTES:

STONE SIZE - 2 1/2" - 1 1/2" CRUSHED STONE

WIDTH NOT LESS THAN FULL WIDTH AT POINTS OF EGRESS AND INGRESS.

WASHING WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC R.O.W. WHEN WASHING IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN.

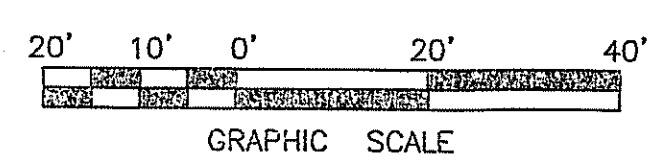
MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC R.O.W. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRAPPED ONTO PUBLIC R.O.W. MUST BE REMOVED IMMEDIATELY.

1. CONTRACTOR SHALL CLEAN INLET FILTER AFTER EVERY STORM.
2. CONTRACTOR TO REMOVE FABRIC AND MESH JUST PRIOR TO PAVING.

SEQUENCE OF CONSTRUCTION	DURATION
INSTALL EROSION CONTROL DEVICES (SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE).	1 DAY
CLEAR AND ROUGH GRADE SITE, STOCKPILE TOPSOIL, INSTALL SILT FENCE AROUND STOCKPILE.	5 DAYS
INSTALL STORM WATER INFILTRATION BASIN AND TYPE B INLET. INSTALL INLET FILTER PROTECTION AND ADDITIONAL SILT FENCE.	5 DAYS
CONSTRUCT PROPOSED BUILDING FOUNDATION AND PROPOSED CURBS. INSTALL UTILITY SERVICE CONNECTIONS AND PAVEMENT BASE COURSE.	15 DAYS
CONSTRUCT BUILDING, IN-GROUND POOL, FENCES, GATES, SIDEWALKS, AND PAVEMENT TOP COURSE.	90 DAYS
INSTALL LANDSCAPING	15 DAYS
REMOVE EROSION CONTROL DEVICES.	1 DAY
TOTAL DURATION	100 TO 120 DAYS

CERTAIN ACTIVITIES MAY OCCUR SIMULTANEOUSLY.

No.	Date	Revision	DRWN BY	CHKD BY
1	2-18-03	REVISED PER TOWNSHIP ENGINEER'S REVIEW	JG	FLV



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SOIL EROSION and SEDIMENT CONTROL PLAN
LOT 45 BLOCK 172
TOWNSHIP OF MARLBORO
MONMOUTH COUNTY NEW JERSEY

DATE: 04/30/02
SCALE: 1"=20'
DRAWN: J.P.
FILE NAME: soil-control.dwg
PROJECT: 01-171
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