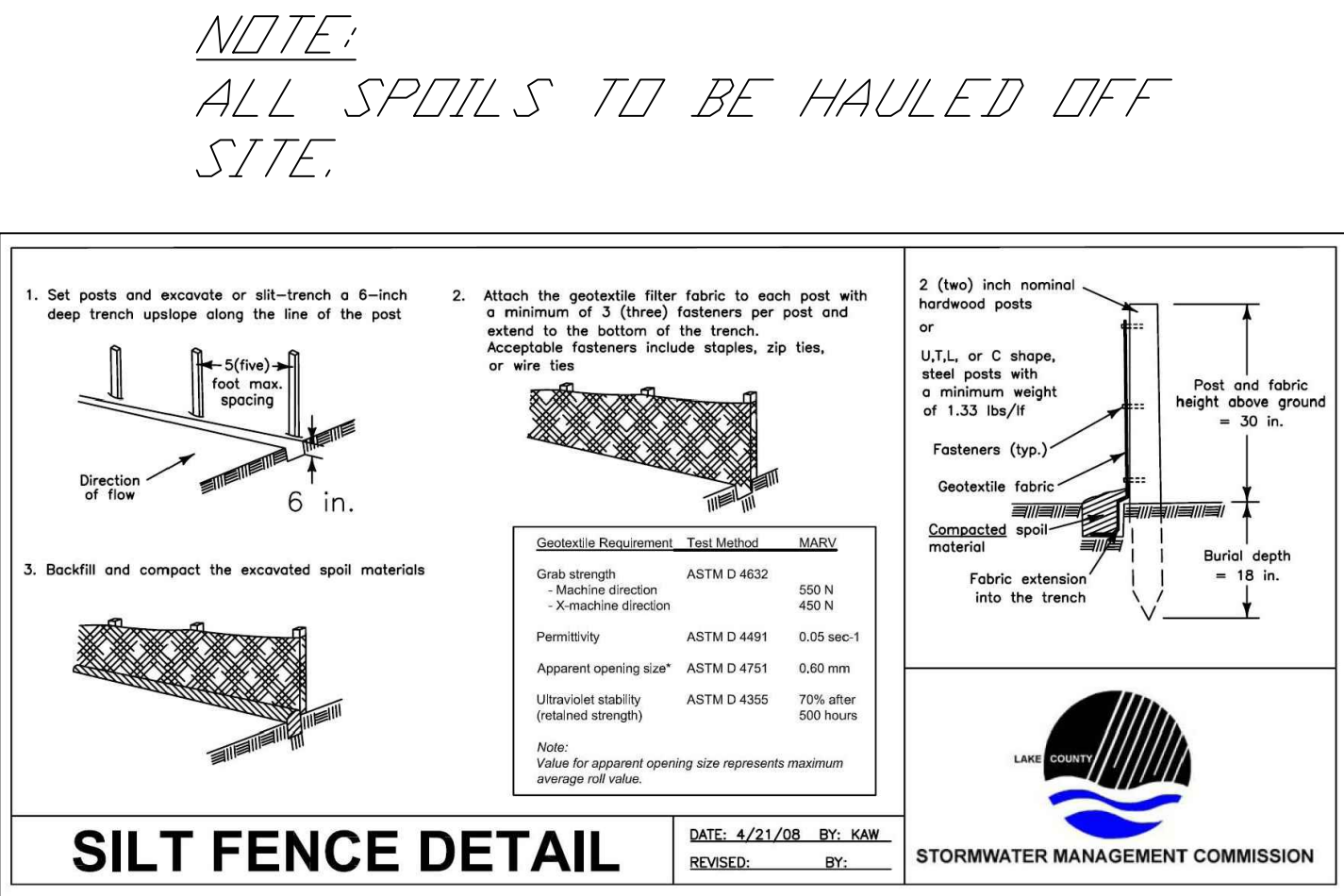
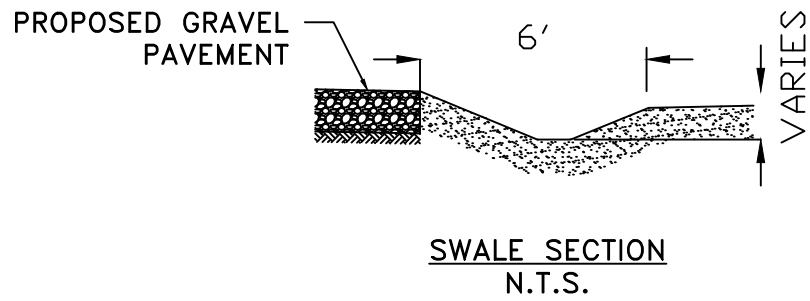


- NOTES:
1. EXISTING IMPERVIOUS = 0.00 S.F. = 0.00 ACRES
  2. PROPOSED IMPERVIOUS = 11,584 S.F. = 0.27 ACRES
  3. PROPOSED LANDSCAPE AREA =1195 SQ.FT PROVIDED= 11,584\*10%=1158 SQ.FT REQ.

4. FILL WITHIN FLOOD PLAIN = 0.00 ACRES.

IMPERVIOUS SURFACE RATIO = 0.27 ACRES/0.45 ACRES = 60%



LANDSCAPING MULTIPLIER=LANDSCAPE AREA=1158 SQ.FT = 3.56  
LANDSCAPE RATIO=325 SQ.FT

LANDSCAPING TABLE	
REQUIRED	
2 CANOPY TREES*3.56	= 8 CANOPY TREES
5 SHRUBS*3.56	= 18 SHRUBS

- NOTES:
1. CANOPY TREES MUST BE MIN. OF 3-INCH CALIPER.
  2. SHRUBS (LOW GROWING, NOT TO EXCEED 3 FT. HT.)

- SITE RESTORATION**
- ALL DISTURBED LANDSCAPE AREAS SHALL BE RESTORED AS FOLLOWS:
- A) TOPSOIL PLACEMENT, 4", CONFORMING TO SECTION 211 OF THE HIGHWAY STANDARDS.
  - B) SEEDING, CLASS 1, CONFORMING TO SECTION 250 OF THE HIGHWAY STANDARDS.
  - C) MULCH, METHOD 2 OR 3, OR EROSION CONTROL BLANKET CONFORMING TO SECTION 251 OF THE HIGHWAY STANDARDS.

- SOIL EROSION AND SEDIMENT CONTROL NOTES**
- A. SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
  - B. FOR THOSE DEVELOPMENTS THAT REQUIRE AN INSPECTOR, INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
    - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
    - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
  - C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
  - D. A STABILIZED MAT OF CRUSHED STONE MEETING (DOT GRADATION GA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA, SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
  - E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
  - F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR RE-DISTURBANCE.
  - G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
  - H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES APPROVED BY THE ENFORCEMENT OFFICER.
  - I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND THE HIGH WATER LEVEL.
  - J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
  - K. IF DE-WATERING DEVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DE-WATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DE-WATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DE-WATERING ACTIVITIES.
  - L. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMER OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
  - M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
  - N. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
  - O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

IMEG CORPORATION  
GURNEE OFFICE

HARLAN M. DOLAND  
ILLINOIS LICENSED PROFESSIONAL ENGINEER  
NO. 062-048891  
EXPIRATION DATE 11/30/19



REVISIONS

NO.	ITEM	DATE

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IMEG

formerly  
McClure  
Engineering

SCALE: 1" = 30'

DRAWN BY: MS

CHECKED BY: HD

DATE: 12/03/2019

SITE PLAN

CAPTAINS QUARTERS

VILLAGE OF ANTOCH

JOB NUMBER: 16000000.00

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