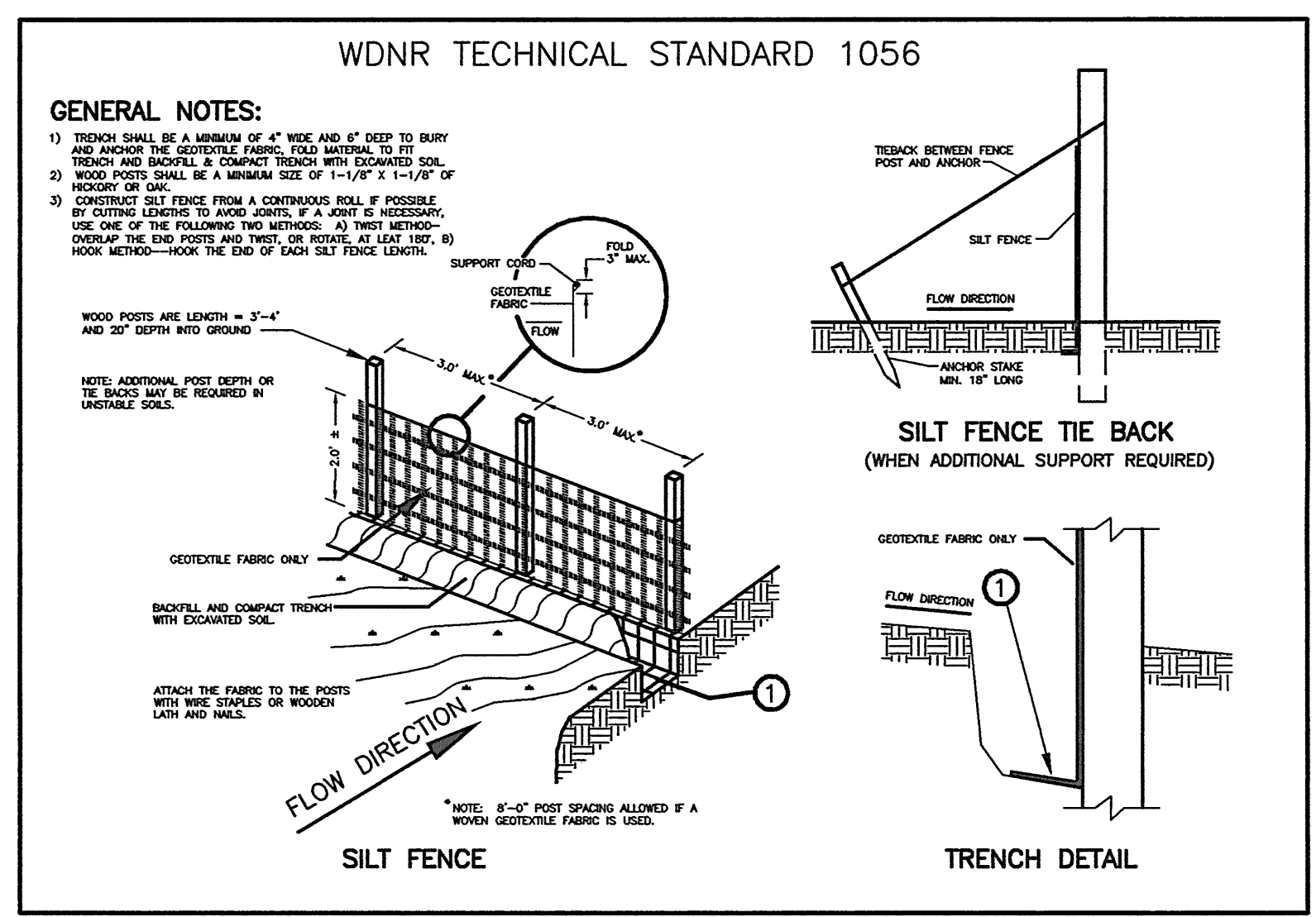
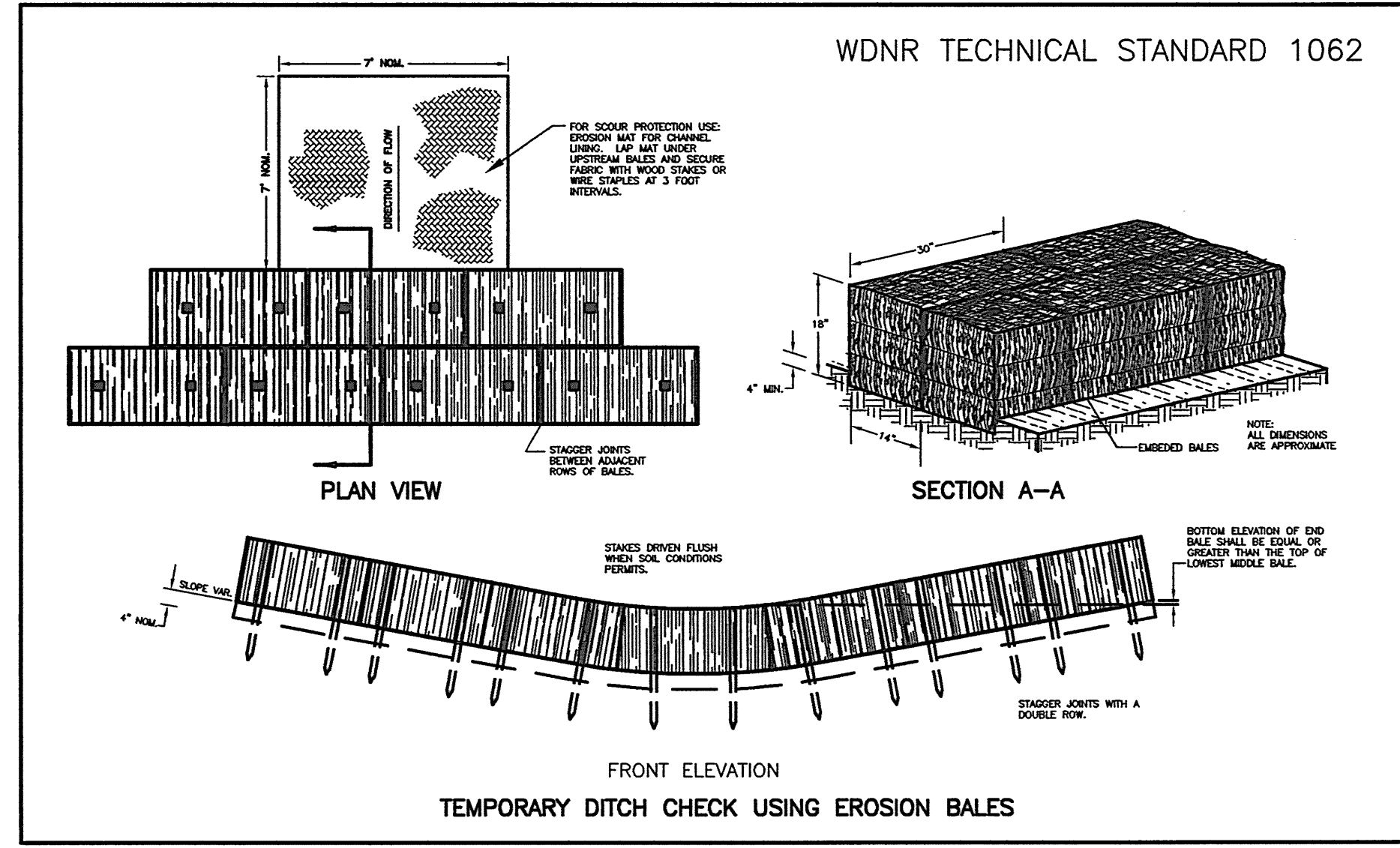
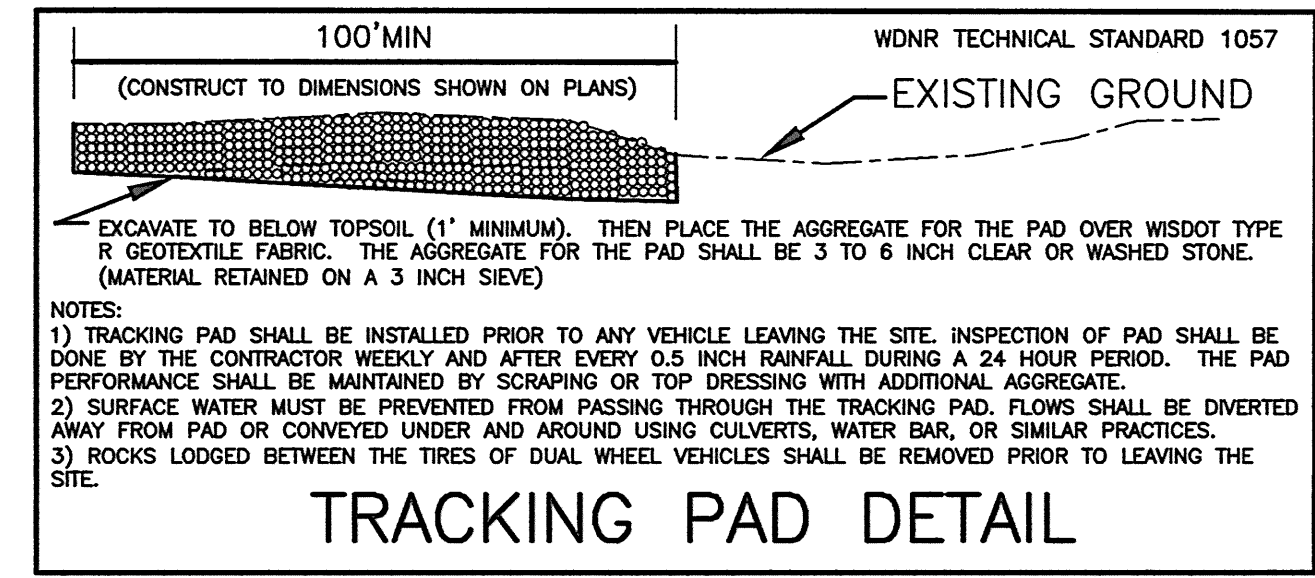
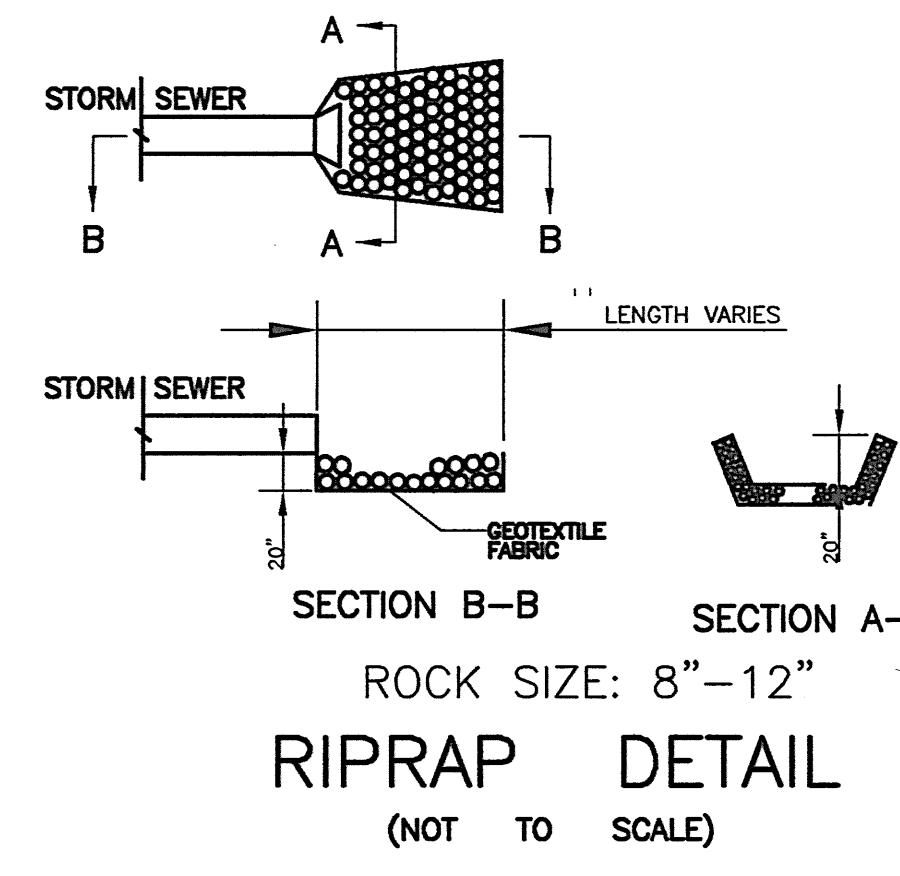


DEWATERING OF THE POND IS NOT ANTICIPATED BUT IF DEWATERING SHOULD BECOME NECESSARY, CONTRACTOR TO INSTALL A 12' X 12' HAY BALE DEWATERING SEDIMENTATION TRAP IN THIS LOCATION. SAID TRAP SHALL CONTAIN THE SEDIMENTATION BAG. (SEE NOTE 4) HAY BALES SHALL BE TRENCHED IN AND STAKED DOWN AND SILT FENCING PLACED AT THE OUTSIDE EDGE OF THE HAY BALES. SAID DEWATERING SEDIMENTATION TRAP SHALL BE USED FOR THE DEWATERING OF THE POND IF NECESSARY.

- NOTES:
- 1) THE DNR REQUIRES THAT AFTER SEPTEMBER 15 OF ANY CONSTRUCTION YEAR, ANY UNFINISHED SOIL DISTURBED AREA MUST EITHER BE SEEDED AND EROSION BLANKET APPLIED OR THE APPLICATION OF SEED AND TACTIFIER IN CONFORMANCE TO THEIR WINTER STABILIZATION PROGRAM.
  - 2) ALL MULCH SHALL BE APPLIED AS TO PROVIDE A CONTINUOUS COVER AT A UNIFORM RATE OF 1.5 TO 2 TONS/ACRE FOR SEEDED AREAS AND 2 TO 3 TONS/ACRE FOR UNSEEDED AREAS. MULCHED AREAS SHALL BE ANCHORED IMMEDIATELY FOLLOWING APPLICATION AND SHALL CONFORM TO WDNR TECHNICAL STANDARD 1058 MULCHING FOR CONSTRUCTION SITES. POLYMER (POLYACRYLAMIDE) EQUIVALENT (PAM 12 OR EQUIVALENT) MAY BE SUBSTITUTED FOR MULCH AND APPLIED AT A RATE OF 400 LBS/ACRE FOR WINTER STABILIZATION. IF POLYMER IS USED THE CONTRACTOR SHALL CONTACT THE CITY FOR INSPECTION REQUEST.
  - 3) FOR THE FIRST SIX WEEKS AFTER THE INITIAL STABILIZATION (SEED, MULCH, EROSION MAT, SOD) OF DISTURBED AREA, PROVISIONS SHALL BE MADE FOR WATERING WHENEVER MORE THAN 7 DAYS OF DRY WEATHER ELAPSE.
  - 4) SHOULD DEWATERING BECOME NECESSARY FOR THE RETENTION BASINS / FORE BAYS, THE CONTRACTOR SHALL UTILIZE A SEDIMENTATION BAG. SAID BAG SHALL BE 12.5" X 15" AND SHALL BE PLACED IN THE DEWATERING SEDIMENTATION TRAPS SHOWN ON THE PLANS. MAXIMUM DISCHARGE HOSE SHALL BE 4" DIAMETER. EVERY PUMP SHALL BE REQUIRED TO HAVE ITS OWN SEDIMENTATION BAG. SEDIMENTATION BAGS SHALL BE MADE OUT OF "GEOTEX801" NONWOVEN GEOTEXTILE FABRIC OR EQUAL.
  - 5) PROVIDE WDOT TYPE "D" INLET PROTECTION OR EQUIVALENT. SEE WDOT PRODUCT ACCEPTABILITY LIST <http://www.dot.state.wisconsin.gov/business/engrserv/pal.htm>. INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE STORM SEWER RECEIVING SITE RUNOFF. OTHER THAN FOR MAINTENANCE, THESE DEVICES SHALL NOT BE REMOVED UNTIL STABILIZATION IS COMPLETE. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY AND WHENEVER 0.5" OF RAIN IS PRODUCED WITHIN 24 HOURS. ALL NECESSARY MAINTENANCE SHOULD FOLLOW THE INSPECTIONS WITHIN 24 HOURS.
  - 6) ALL STONE USED ON-SITE FOR TRACKING PADS, RIP-RAP, AND CHECK DAMS SHALL BE CLEAR (I.E., SCREENED TO REMOVE FINES). ALL STONE SMALLER THAN 3-INCH DIA. NEEDS TO BE WASHED AS WELL.
  - 7) STREET SWEEPING ACTIVITIES SHALL OCCUR EVERY NIGHT ON THE ACCESS ROAD (E. MAIN STREET) DURING CONSTRUCTION ACTIVITIES. UPON COMPLETION OF BINDER COURSE, STREET SWEEPING ACTIVITIES SHALL OCCUR AT LEAST ONCE A WEEK ON INTERIOR SUBDIVISION ROADS DURING CONSTRUCTION ACTIVITIES.
  - 9) INSPECTIONS OF ALL EROSION CONTROL DEVICES SHALL BE DONE AT LEAST ONCE A WEEK OR AFTER EACH RAINFALL EVENT. AREAS WHERE BEST MANAGEMENT PRACTICES HAVE BEEN DAMAGED SHALL BE REPAIRED IMMEDIATELY.

- CONSTRUCTION SEQUENCING:
- 1) INSTALL #3 CLEAR STONE TRACKING PAD AS SHOWN AT ACCESS POINT OFF E. MAIN STREET.
  - 2) INSTALL PERIMETER SILT FENCE AND SILT FENCE BORDERING WETLANDS PRIOR TO GRADING COMMENCEMENT.
  - 3) STRIP TOPSOIL FROM RETENTION BASIN AND DESIGNATED AREA SHOWN ON PLANS AS AREA FOR POND EXCAVATION PLACEMENT AND COMPACTION.
  - 4) STOCKPILE TOPSOIL IN DESIGNATED AREAS AS SHOWN ON THIS SHEET. INSTALL SILT FENCE AROUND TOPSOIL STOCKPILE. IF TOPSOIL IS NOT ANTICIPATED TO BE USED WITHIN 30 DAYS, THEN STOCKPILES SHOULD BE STABILIZED WITHIN 7 DAYS OF STOCKPILING.
  - 5) CONSTRUCT RETENTION BASIN AND PLACE AND COMPACT EXCAVATED MATERIAL IN AREA SHOWN AND COMPACT TO 90% MODIFIED PROCTOR.
  - 6) INSTALL OVERFLOW WIER AND OUTLET STRUCTURE FOR THE RETENTION BASIN. (SEE DETAILS)
  - 7) AS SOON AS THE PONDS HAVE BEEN EXCAVATED AND CERTIFIED BY SURVEYOR, THE CONTRACTOR SHALL PLACE 6" OF TOPSOIL ON THE SIDE-SLOPES OF THE POND AND THOSE AREAS SHALL BE SEEDED AND EROSION MATTING PLACED.
  - 8) STRIP REMAINING AREAS OF TOPSOIL, STOCKPILE, AND REPAIR ANY DAMAGED SILT FENCE AROUND TOPSOIL PILE.
  - 9) CONSTRUCT DIVERSION SWALES AND BERMS SHOWN ON SHEET 3 OF 3 ALONG WITH THE ASSOCIATED HAY BALE DITCH CHECKS.
  - 10) CONSTRUCT THE BERMS AND DRAINAGE SWALES WHICH CONVEY OVERLAND FLOW TO THE RETENTION BASIN. INSTALL ALL REMAINING EROSION MATTING AND DITCH CHECKS PER PLAN.
  - 11) COMMENCE MASS GRADING OPERATIONS FOR THE REMAINDER OF THE SITE.
  - 12) UTILITY CONSTRUCTION TO OCCUR AT THIS TIME.
  - 13) AS LOT GRADING IS COMPLETED WITH EITHER EXCAVATED MATERIAL, WITH SEWER TRENCH MATERIAL, OR WITH IMPORTED DIRT, THE CONTRACTOR SHALL PLACE 6" OF TOPSOIL ON LOT AREAS FROM FRONT OF BUILDING PAD TO REAR LOT LINES, AND APPLY SEED AND MULCH UNLESS OTHERWISE NOTED. (AREAS OF EROSION MATTING WILL NOT REQUIRE MULCHING)
  - 14) SEED AND APPLY POLYMER (POLYACRYLAMIDE) FROM FRONT OF BUILDING TO RIGHT-OF-WAY AND TERRACE AREAS.
  - 15) THE SEDIMENTATION BASIN SHALL BE DREDGED IF NEEDED DURING CONSTRUCTION ACTIVITIES TO REMOVE ACCUMULATED SEDIMENT. UPON STABILIZATION OF ENTIRE SITE, THE SEDIMENTATION BASIN SHALL BE DREDGED TO ESTABLISH PROPOSED MASTER GRADING PLAN ELEVATIONS.



NO.	REVISIONS	BY	DATE
1	ADDED OWNERS REVISIONS	KKK	8-04-06
2	ADDED DNR'S REVISIONS	KKK	10-13-06
3	ADDED GENERAL REVISIONS	KKK	11-07-06
4	ADDED GENERAL REVISIONS	KKK	12-20-06

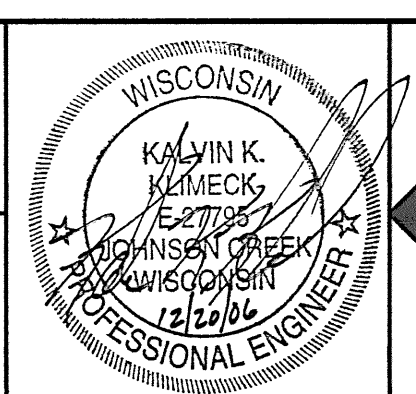
DESIGNED BY:  
K. K. KLIMECK

SCALE:  
1" = 40' HORIZ.

DRAWN BY:  
K. K. KLIMECK

CHECKED BY:  
K. K. KLIMECK

DATE:  
FEBRUARY 24, 2006



**PIONEER ENGINEERING AND SURVEYING, LLC.**  
CONSULTANTS IN SUBDIVISIONS AND COMMERCIAL DEVELOPMENTS  
3902 C.T.H. "B"  
JOHNSON CREEK, WI. 53038  
(920) 699 - 3330 FAX: 699 - 3332

**EROSION CONTROL & STAGING PLAN FOR THE RIDGE AT WOODLAND CREEK CONDOMINIUMS**

MUNIC. PROJ. NO.	PIONEER PROJ. NO.
CITY OF WAUKESHA	05-05
APPROVED BY _____	PIONEER SHT. NO.
CITY ENGINEER DATE _____	PAGE 2 OF 3
	PIONEER FILE NO.
	05-05

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