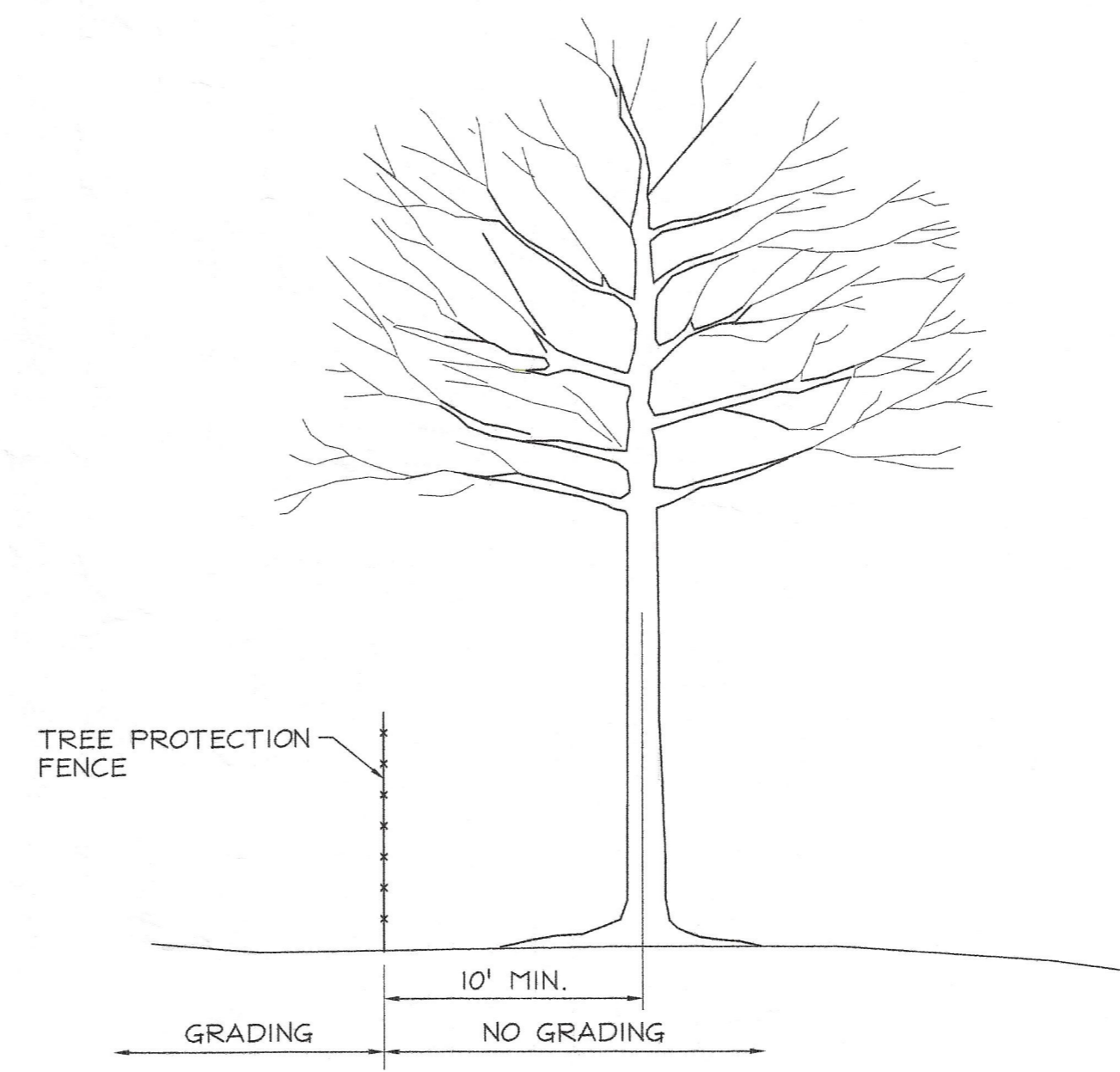
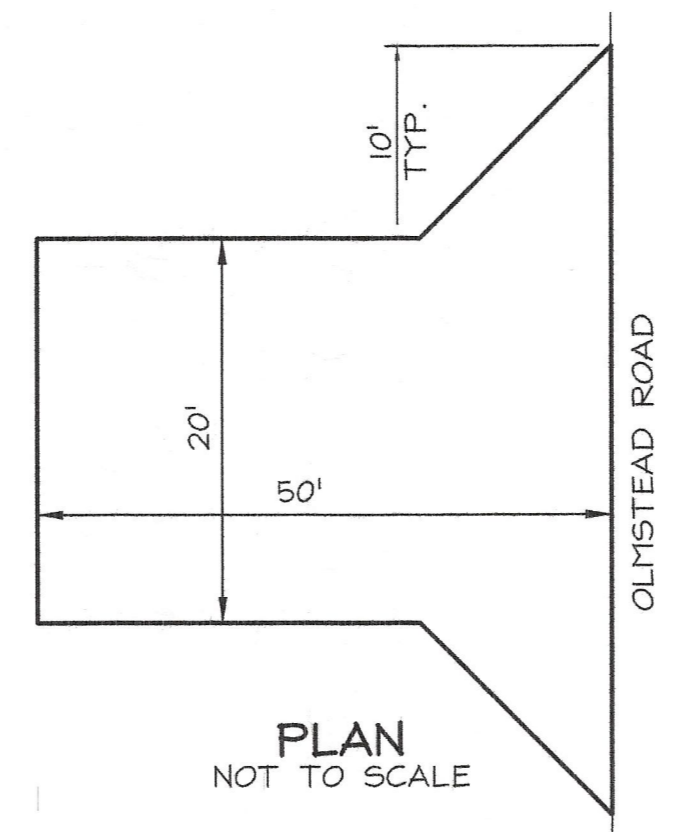


Tree Protection Fence Detail

PROTECTION FENCE SHALL BE 4' HIGH TENSAR 'SAFETY GRID', COLOR ORANGE, AS MANUFACTURED BY TENSAR CORPORATION, MORROW, GEORGIA 30260, (800) 942-9448, OR EQUAL. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. INTERMEDIATE POSTS SHALL BE SPACED EVERY 10 FEET. FENCE SHALL BE INSTALLED NO CLOSER TO THE TREES TO BE PROTECTED THAN THE DRIP LINE OF THE TREE OR 10' WHICHEVER IS GREATER. SEE PLAN SHEETS FOR REQUIRED TREE PROTECTION FENCE LOCATIONS.

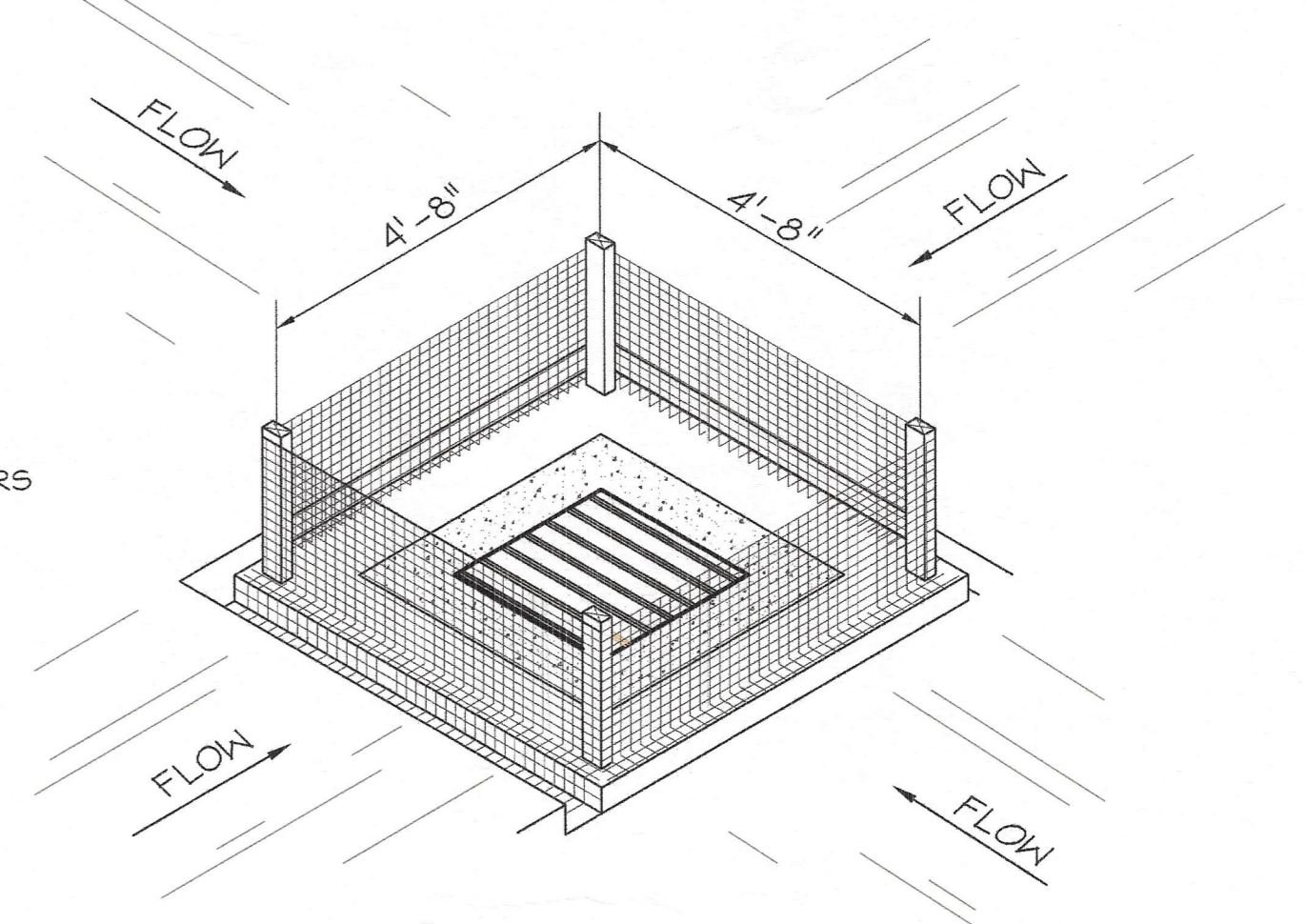


Tree Protection Detail  
NOT TO SCALE



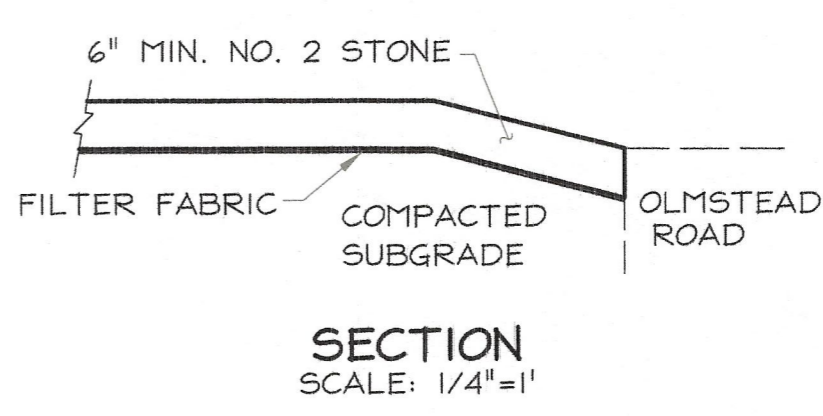
STABILIZED CONSTRUCTION ENTRANCE

WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING STREET. PERIODICALLY ADD CLEAN STONE AS CONDITIONS DEMAND. ALL SEDIMENT TRACKED INTO THE STREET SHALL BE CLEANED UP IMMEDIATELY. REMOVE GRAVEL AND PREPARE AREA FOR PAVEMENT WHEN CONSTRUCTION ENTRANCE IS NO LONGER NEEDED. THE EXISTING DRIVE, UPGRADED TO THE ABOVE REQUIREMENTS, MAY BE USED FOR THE STABILIZED CONSTRUCTION ENTRANCE.



Inlet Sediment Filter

CONTRACTOR SHALL PLACE SEDIMENT FENCE AS LOCATED ON PLAN SHEET. THE HEIGHT OF THE INLET PROTECTION FENCE SHALL NOT EXCEED 36 INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE). THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY FILTER CLOTH SHALL BE SPliced TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-INCH OVERLAP AND SECURELY SEALED. POSTS SHALL BE SPACED A MAXIMUM OF 4'-8" APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). EXTRA STRENGTH FABRIC SHALL BE USED. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. THE FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC. INLET PROTECTION FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY THE FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE INLET PROTECTION FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE PREPARED AND SEEDED. INLET PROTECTION FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.



SECTION  
SCALE: 1/4"=1'

HIDDEN CREEK AT THE DARBY

Phase 5  
Madison County, Ohio

**CDE**  
Civil Design Engineering, Inc.  
6613 Hoyhurst Street  
Wilmington, OH 45395  
614-431-5800 Fax: 614-431-5804

Cross Sections & Details

ISSUED:	
Preliminary	02-21-2007
Permit	
Construction	