

FIRST CHRISTIAN CHURCH EROSION CONTROL PLAN NOTES

EROSION CONTROL NOTES:

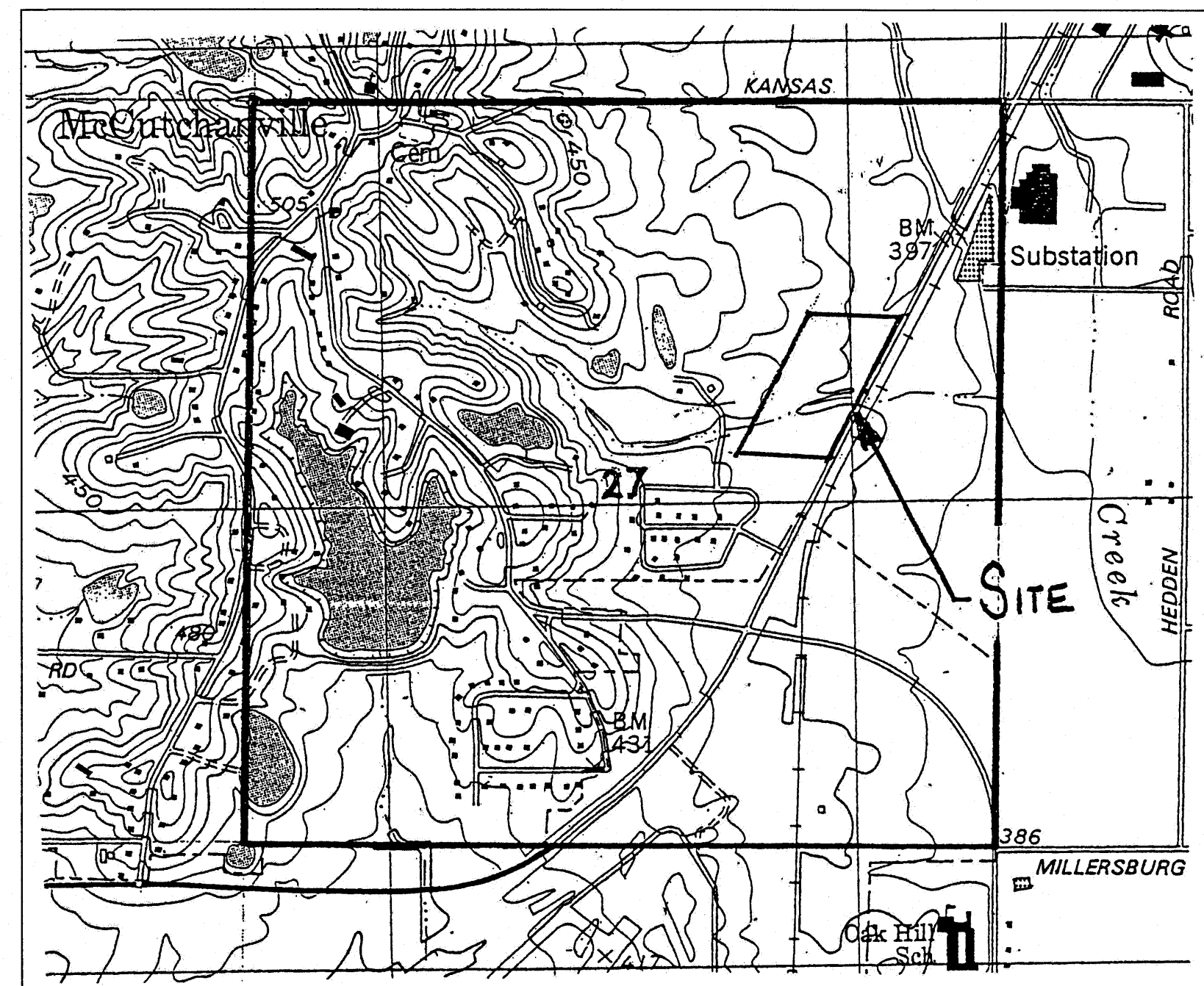
- ALL SOIL EROSION AND SEDIMENT CONTROL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH STATE AND LOCAL ORDINANCES IN INDIANA INCLUDING THE LATEST DATA FROM THE U.S. DEPARTMENT OF AGRICULTURE AND THE SOIL CONSERVATION SERVICE AND IN ACCORDANCE WITH RULES.
- PRIOR TO BEGINNING CONSTRUCTION, TEMPORARY MEASURES SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS.
 - ALL EROSION AND SILTATION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO GRADING OPERATIONS.
 - ALL STORM AND SANITARY SEWER LINE TRENCHES NOT IN PAVEMENT ARE TO BE MULCHED AND SEEDED WITHIN 15 DAYS AFTER BACKFILL. NO MORE THAN 500 FEET ARE TO BE OPEN AT ANY TIME.
 - ELECTRIC POWER, TELEPHONE AND GAS SUPPLY TRENCHES ARE TO BE COMPACTED, SEEDED AND MULCHED WITHIN 15 DAYS AFTER BACKFILL.
 - ALL CUT AND FILL SLOPES ARE TO BE SEEDED AND MULCHED WITHIN 10 DAYS OF COMPLETION OF GRADING.
 - MEASURES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 - SEDIMENT DEPOSITS SHALL BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE SILT BARRIERS. THIS SEDIMENT SHALL BE SPREAD AND STABILIZED IN AREAS OF THE SITE NOT SUBJECT TO EROSION OR DISPOSED OF OFF-SITE.
 - SILT FENCE SHALL BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. ACCUMULATED SEDIMENT FROM BEHIND SILT TRAPS SHALL BE REMOVED WHEN IT HAS ACCUMULATED TO NO MORE THAN ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER.
- REMOVAL OF TREES, BUSHES AND OTHER VEGETATION AS WELL AS DISTURBANCE OF SOIL IN ALL AREAS WILL BE KEPT TO A MINIMUM WHILE ALLOWING PROPER SITE DEVELOPMENT.
- ALL UNUSED TOPSOIL AND EXCAVATED MATERIAL WILL BE REMOVED FROM THE SITE. TOPSOIL TO BE REUSED WILL BE STOCKPILED AS SHOWN. STOCKPILE WILL BE SEEDED AND STABILIZED WITHIN 10 DAYS OF REMOVAL.
- GRADING OPERATIONS - SILT/EROSION BARRIERS SHALL BE CONSTRUCTED AS SHOWN. THE SITE SHALL BE BROUGHT TO APPROXIMATE FINISH GRADES AND STABILIZED WITHOUT EXTENDED DELAYS. THIS INCLUDES THE APPLICATION OF MULCH TO ALL SURFACES DESIGNED TO BE REVEGETATED; CONSTRUCTION OF RIP-RAP SURFACES; AND PLACEMENT OF GRAVEL IN AREAS TO BE PAVED. HAYBALE AND/OR SILT FENCE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND/OR ADJUSTED TO SUIT CONSTRUCTION IMMEDIATELY AFTER A CUT OR FILL SLOPE HAS BEEN CREATED. ANY BARE SOILS WHICH CANNOT BE STABILIZED AND PERMANENTLY REVEGETATED WITHIN 15 DAYS OF EXPOSURE SHALL BE TEMPORARILY SEEDED AND MULCHED AS SPECIFIED IN NOTE 9.
- WITHIN 15 DAYS OF THE COMPLETION OF FINAL GRADING, ALL GRADED OR DISTURBED AREAS NOT TO BE BUILT ON OR PAVED ARE TO BE SEEDED AND MULCHED TO PROVIDE A TEMPORARY VEGETATIVE COVER.
- IF PERMANENT VEGETATED STABILIZATION CANNOT BE ESTABLISHED DUE TO THE SEASON OF THE YEAR, (NOVEMBER 1 - APRIL 1) ALL EXPOSED AND DISTURBED AREAS NOT TO BE BUILT ON OR PAVED ARE TO HAVE DORMANT SEEDING APPLIED AND BE TEMPORARILY MULCHED TO PROTECT THE SITE. APPLY SEED AT TWO TIMES THE SPECIFIED RATE AND MULCH WILL BE APPLIED AT THE RATE OF 2 TONS OF HAY PER ACRE. A SUITABLE BINDER SUCH AS CURASOL WILL BE USED ON HAY MULCH FOR WIND CONTROL ON SLOPES OF LESS THAN 3%. SUCH BINDER SHALL BE APPLIED AT TWO TIMES THE RECOMMENDED RATE. ON SLOPES IN EXCESS OF 3% USE A MULCH NETTING STAPLED TO THE SOIL SURFACE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. NETTING MATERIAL MAY BE JUTE, PLASTIC, EXCELSIOR MATS, STRING, COMBINATIONS OF NETTING AND PAPER, OR PLASTIC MATERIAL WITH RANDOM FIBERS. AREAS WHICH ARE TO BE BUILT OR PAVED ON SHALL RECEIVE A THICK LAYER OF HAY MULCH TO PROTECT THE SURFACE DURING SPRING RUNOFF CONDITIONS.
- UPON COMPLETION OF CONSTRUCTION OPERATIONS, THE SITE WILL BE CLEANED OF EXCESS MATERIAL. TEMPORARY EROSION/SEDIMENTATION CONTROL DEVICES SHALL BE REMOVED AFTER FINAL INSPECTION BY SWCD OFFICIAL. SEDIMENTS SHALL BE DISTRIBUTED WITHIN AREAS NOT SUBJECT TO EROSION AND SEEDED.
- RATES OF APPLICATION OF SEED, FERTILIZER, LIME AND MULCH SHALL BE AS FOLLOWS OR AS DIRECTED BY OWNER:
 - TEMPORARY -
 - SEED: 40 #/ACRE (ANNUAL RYEGRASS) 112 #/ACRE (ARRYSTOCK RYE)
 - FERTILIZER: 60#/ACRE (OR BASED ON SOIL TESTS)
 - MULCH: 2 TONS/ACRE
 - LIME: 3 TONS/ACRE
 - PERMANENT-
 - SEED: 130#/ACRE (KY 31 FESCUE)
 - FERTILIZER: BASED ON SOIL TESTS PERFORMED AT GENERAL CONTRACTORS EXPENSE.
 - MULCH: 2 TONS/ACRE
 - LIME: BASED ON SOIL TESTS.
- ALL DISTURBED AREAS SHALL BE TOPSOILED, FERTILIZED AND MULCHED.

SEQUENCE OF CONSTRUCTION:

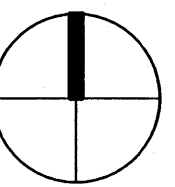

- THE CONSTRUCTION AT THIS SITE IS FOR THE PURPOSE OF PROVIDING A NEW SANCTUARY AND MULTI-PURPOSE FACILITY FOR THE OWNER.
- THE ENTIRE AREA OF THE PROPERTY COVERS 14.00 ACRES OF WHICH IT IS ANTICIPATED THAT 8.47 ACRES WILL BE DISTURBED DURING THE COURSE OF CONSTRUCTION.
- IT IS ESTIMATED THAT THE CONSTRUCTION ACTIVITIES WILL START IN AUGUST, 2003 AND WILL BE COMPLETED IN AUGUST, 2008.
- AFTER THE INITIAL SITE VISIT AND PRIOR TO ANY CONSTRUCTION ACTIVITY, THE EROSION CONTROL PLAN SHALL BE IMPLEMENTED IN ITS ENTIRETY. THE EROSION CONTROL PLAN INITIALLY IMPLEMENTED WILL BE THAT APPROVED PLAN SHOWN ON THE CONSTRUCTION DRAWING. THIS PLAN IS HOWEVER NOT THE ONLY PLAN THAT MAY BE IMPLEMENTED DURING THE COURSE OF THE PROJECT. AS REQUIRED BY THE CONSTRUCTION ACTIVITY, NEW EROSION CONTROL MEASURES MAY BE ADDED IF REQUIRED BY INSPECTION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF THE EROSION CONTROL MEASURES ON A DAILY BASIS OR MORE OFTEN AS CIRCUMSTANCES WARRANT.
- BECAUSE THIS SITE IS ESSENTIALLY UNDEVELOPED AT THIS TIME, STRAW BALE CHECK DAMS & SILT FENCE WILL BE REQUIRED AT EXISTING DRAINAGE WAYS TO ASSURE CONTAINMENT OF ANY DISTURBED MATERIALS. A PERIMETER SILT FENCE WILL ALSO BE REQUIRED AT THE DOWNHILL SIDE OF CONSTRUCTION LIMITS TO PREVENT SHEET FLOW OFF OF AFFECTED AREAS.
- A CONSTRUCTION ENTRANCE SHALL BE DESIGNATED AND MAINTAINED WITH AN APPROVED METHOD OF PREVENTING CONSTRUCTION TRAFFIC FROM TRACKING MATERIAL ONTO ADJACENT PUBLIC STREETS.
- IT IS ANTICIPATED THAT TOPSOIL WILL BE STOCKPILED AT THIS SITE. ALL UNUSED MATERIALS EXCAVATED AT THE SITE WILL BE REMOVED FROM THE SITE.
- DISTURBED VEGETATED AREAS WILL BE RESEDED AS SOON AS PRACTICAL WITH AN APPROVED SEED MIX.
- ALL DISTURBED AREAS SHALL BE TOPSOILED, FERTILIZED AND MULCHED.

GENERAL NOTES:

- FIRST CHRISTIAN CHURCH (DEVELOPER OF THE SUBJECT PROPERTY) IS PROPOSING A MULTI-PURPOSE FACILITY BUILDING EXPANSION ON THE SUBJECT PROPERTY LOCATED AT THE STATE HIGHWAY 57.
- THE OWNER/DEVELOPER WILL BEGIN PRELIMINARY SITE PREPARATION OF THIS SITE. IT WILL INVOLVE THE SHELTER AND THE PARKING LOT.
- THIS EARTH MOVING ACTIVITY WILL INITIATE A LAND DISTURBING ACTIVITY. WITH THIS IN MIND, THE PRELIMINARY EROSION CONTROL PLAN IS HEREBY PRESENTED FOR YOUR REVIEW AND COMMENT.
- A TENTATIVE CONSTRUCTION SEQUENCE IS OUTLINED HEREON. THE PROJECT IS SCHEDULED TO START AUGUST 2003 AND CONTINUE THROUGH AUGUST 2008.
- THIS SITE IS CURRENTLY HILLY AND PREDOMINATELY MEADOW. THE PROPERTY SLOPES FROM WEST TO EAST WITH A MAJOR DRAINAGE RUNNING WEST TO EAST EXITING THE PROPERTY THROUGH AN EXISTING CULVERT UNDER HIGHWAY 57. A STORM DETENTION PLAN HAS BEEN DEVELOPED AND SUBMITTED TO THE OWNER FOR PRESENTATION TO THE COUNTY FOR APPROVAL.
- THE SITE IS WITHIN A SPECIAL FLOOD ZONE "A" AS PER F.I.R.M. PANEL No. 180256 0025 C DATED AUGUST 5, 1991.
 - FLOOD PROTECTION GRADE: 2' ABOVE BASE FLOOD ELEVATION
 - BASE FLOOD ELEVATION: 408', 402', 398' AS NOTED ON DRAWINGS
- THIS SITE IS NOT DESIGNATED WETLANDS ON THE U.S. FISH & WILDLIFE SERVICE WETLAND INVENTORY MAP. THE SOILS ARE LABELED H₄ (HENSHAW SILT LOAM), H₂G₃ (HOSMER SILT LOAM), W_m (WILBUR SILT LOAM) IN THE SOILS OF SURVEY OF VANDERBURGH COUNTY.
- DUE TO THE HILLY TERRAIN, THE EROSION CONTROL PLAN SUGGESTS A COMBINATION OF SILT FENCE AND CHECK DAMS SHOULD PERFORM ADEQUATELY.
- THE RECEIVING WATER IS FIRLICK CREEK WHICH DRAINS FROM THE NORTHWEST TO THE SOUTHEAST AND INTO BLUEGRASS CREEK. ALL OF THE RUNOFF WILL DRAIN INTO THIS SYSTEM.
- THE SITE IS ZONED "A" AGRICULTURE WITH A "SU #2" SPECIAL USE 2.



LOCATION PLAN
SCALE: 1" = 1000'-0"

 NORTH	
Professional Consultants, Inc.  Evansville • Rockport Engineering/Architecture Construction Management www.pcdesign.com	
SITE STUDY FIRST CHRISTIAN CHURCH HIGHWAY 57 EVANSVILLE, INDIANA	
ISSUE	DATE
PROJECT NUMBER: 20030167.00.00	
DRAWN BY: APA	DATE: 07/03/03
DESIGNED BY: JWB	DATE: 07/03/03
TECH CHECKED BY: JWB	DATE:
QC CHECKED BY:	DATE:
EROSION CONTROL PLAN NOTES and LOCATION MAP	
C-102 SHEET NUMBER	

FOR CONSTRUCTION