

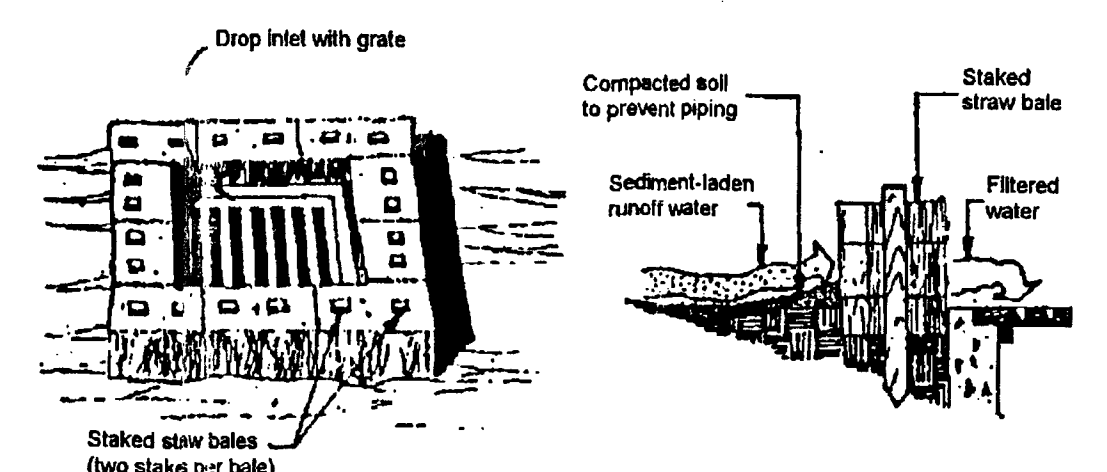
**SITE REVIEW COMMITTEE**  
 APC *Dick MRL 1-23-06*  
 CITY ENGINEER  
 COUNTY ENGINEER  
 APC MEMBER  
 OTHER OFFICE APPROVALS  
 BUILDING COMMISSION  
 COUNTY SURVEYOR  
 EUTS  
 FIRE DEPT.  
 WATER AND SEWER

**CONSTRUCTION SITE STORM WATER RUNOFF CONTROL**

- 16 PLAN INDEX: ALL ITEMS REQUIRED BY 327 IAC 8-5 ARE NOTED 16, ETC. ON THIS SHEET AS OUTLINED IN THE DNR TECHNICAL REVIEW FORM UNLESS SPECIFICALLY REQUIRED TO BE ON A SEPARATE SHEET.
- 17 NATURE AND PURPOSE OF PROJECT: THE OWNER/DEVELOPER IS PROPOSING A .72 ACRE INDUSTRIAL DEVELOPMENT LIMITED TO THIS SPECIFIC STRUCTURE AND PAVEMENT ON THE SUBJECT PROPERTY DIRECTLY NORTHEAST OF THE INTERSECTION OF STATE ROAD 57 AND BAUMGART ROAD, LAT. 38 03' 78" LONG. 87 32' 23.26"
- 18 A PORTION OF THIS SITE IS DESIGNATED AS A FRESHWATER POND ON THE U.S. FISH & WILDLIFE SERVICE WETLAND INVENTORY MAP-SEE PLAN. TO OUR KNOWLEDGE THERE ARE NO STATE OR FEDERAL REQUIREMENTS FOR WATER QUALITY PERMITS.
- 19 THERE ARE NO OTHER WETLANDS, LAKES OR WATER COURSES ON OR DIRECTLY ADJACENT TO THIS SITE.
- 20 THE RECEIVING WATERS ARE LITTLE PIGEON CREEK WEST OF THIS SITE. ALL SITE STORM WATER DRAINAGE PROPOSED HERE WILL DRAIN ACROSS GRAVEL LOT AREAS INTO THE EXISTING DRAINAGE PIPING WHICH IS CONNECTED DIRECTLY TO COUNTY OWNED DRAINAGE DITCHES CONNECTING EVENTUALLY TO THE CREEK.
- 21 TO OUR KNOWLEDGE THERE ARE NO ABANDONED WELLS, SINKHOLES, ETC. WITHIN THIS PROJECT SITE.
- 22 THE ENTIRE SITE IS WITHIN THE 100 YEAR FLOOD PLAN AS PER FIRM, PANEL NO. 180256 0025 C DATED AUG. 5, 1991.
- 23 THE PROPOSED SITE IS EXISTING CONCRETE PAVEMENT AND GRAVEL LOT COVER.
- 24 THE SOILS ARE LABELED AS SHOWN IN THE SOIL SURVEY OF VANDERBURGH COUNTY, (Ba) BARTLE SILT LOAM, (Ba) BARD SILT LOAM AND (HoB2) HOSMER SILT LOAM - SEE SOIL LEGEND THIS SHEET.
- 25 THERE ARE NO OFF-SITE CONSTRUCTION ACTIVITIES PLANNED FOR THIS PROJECT.
- 26 THERE ARE NO BORROW AREAS PLANNED FOR THIS PROJECT. CONCRETE DEMO DISPOSAL WILL GO TO THE LANDFILL.
- 27 POTENTIAL SOURCES OF POLLUTION FOR THIS PROJECT ARE: SILT, SEDIMENT, CONCRETE WASHOUT AND DUST, FUELS, LUBRICANTS, PAINTS, SOLVENTS, SANITARY WASTES, GARBAGE AND LITTER WHICH ARE TYPICALLY FOUND ON ANY NEW CONSTRUCTION SITE DURING CONSTRUCTION. SITE SHALL BE POLICED DAILY TO REDUCE POLLUTANTS.
- 28 THE OWNER/DEVELOPER WILL BEGIN PRELIMINARY SITE PREPARATION OF THIS SITE THIS FALL. IT WILL INVOLVE ESTABLISHING A STABLE CONSTRUCTION ENTRANCE, CONCRETE DEMO AND CONSTRUCTING A BUILDING. CONCRETE PROTECTION SHALL BE INSTALLED PRIOR TO ANY CONCRETE DEMOLITION ACTIVITIES. ONCE THE BUILDING PAD AND EXTERIOR FINISH GRADES HAVE BEEN ESTABLISHED, TEMPORARY SEEDING MEASURES SHALL BE INCORPORATED IN AREAS WHERE PERMANENT SEEDING WILL TAKE PLACE ONCE CONSTRUCTION IS COMPLETE. ALL OF THE RUNOFF GENERATED FROM THESE IMPROVEMENTS WILL BE ROUTED TO THE NEW CATCH BASIN SOUTH OF THE PROPOSED BUILDING ADDITION, AS WELL AS EXISTING AREA DRAIN AT THE NORTH-EAST AND WEST CORNERS OF THE ADDITION.
- 29 ALL AREAS DISTURBED WITHIN THE 'CONSTRUCTION LIMITS' SHALL HAVE TEMPORARY AS WELL AS PERMANENT SEEDING PER TABLES IN SUB SECTION 31 OF THE 'INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS' AS APPROPRIATE FOR SHEET OR CONCENTRATED FLOW AREAS.
- 30 MATERIAL HANDLING AND STORAGE ASSOCIATED WITH CONSTRUCTION WASTES, GARBAGE AND UNUSED BUILDING MATERIALS SHALL BE MANAGED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATUTES AND REGULATIONS. EACH CONTRACTOR / SUBCONTRACTOR SHALL MAKE AVAILABLE ON SITE HS / HER OWN SPILL PREVENTION AND SPILL RESPONSE PLAN COMPLYING WITH 327 IAC 2-6.1.
- 31 MONITORING AND MAINTENANCE OF THE INLET PROTECTION AND CONSTRUCTION ENTRANCE AS WELL AS LOG KEEPING ACTIVITIES BY QUALIFIED PERSONNEL AND IMMEDIATE AND SUCCESSFUL REVEGETATION OF DISTURBED AREAS OF THE SITE WILL BE VITAL TO THE SUCCESS OF THESE STORMWATER QUALITY MEASURES THROUGHOUT THE CONSTRUCTION ACTIVITY. IMPLEMENTATION OF THESE MEASURES WILL BE MONITORED BY TRAINED INDIVIDUALS. IF ANY OF THESE STORMWATER QUALITY MEASURES SEEM TO BE INAPPROPRIATE OR INEFFECTIVE, THIS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PROJECT ENGINEER FOR EVALUATION AND REMEDY IF NECESSARY.
- 32 POTENTIAL SOURCES OF POLLUTION FOR THIS LAND USE ARE: AUTOMOBILE FUELS AND FLUIDS, GARBAGE, LITTER, FERTILIZERS AND YARD WASTE WHICH ARE TYPICALLY FOUND ON ANY BUSINESS PARKING LOT OR FACILITY GROUNDS.
- 33 ROUTING THE STORMWATER RUNOFF THROUGH THE GRAVEL AREAS TO THE EXISTING DRAINAGE INLETS OF THE EXISTING CULVERT WHICH HAS A FLAGSTONE.
- 34 ROUTING THE STORMWATER RUNOFF THROUGH THE GRAVEL LOT WILL NOT ONLY POSSIBLY CAPTURE ANY POLLUTANTS BUT WILL ALSO SLOW THEIR ARRIVAL AT THE EXISTING DRAINAGE EASEMENT.
- 35 MAINTENANCE OF THE GRASS AREAS WILL BE OF UTMOST IMPORTANCE TO THE SUCCESS OF THIS PLAN. IMMEDIATE AND SUCCESSFUL REVEGETATION OF DISTURBED AREAS OF THE SITE WILL ALSO BE VITAL. WITH DUE CONSIDERATION GIVEN TO SITE PREPARATION, SEED MIXTURE AS WELL AS A SEEDING PROGRAM IMPLEMENTATION INCLUDING LONG TERM MAINTENANCE. OWNER IS RESPONSIBLE FOR MAINTAINING THE GRASS AREAS ONCE CONSTRUCTION IS COMPLETE.

**SOILS LEGEND**

SOL SERIES	FAMILY	SUBGROUP	ORDER	LIMITATIONS
Ba	BARTLE SILT LOAM, 0 TO 2% SLOPES	FINE-SILTY, MIXED, MESIC	ALFISOLS	WETNESS IS A MAJOR LIMITATION FOR USE AND MANAGEMENT
Bd	BARD SILT LOAM, 0 TO 2% SLOPES	FINE-SILTY, MIXED, NONACID, MESIC	ALFISOLS	WETNESS IS A MAJOR LIMITATION FOR USE AND MANAGEMENT
HoB2	HOSMER SILT LOAM, 2 TO 6% SLOPES, ERODED	FINE-SILTY, MIXED, MESIC	ALFISOLS	SLOWLY PERMEABLE FRAGIPAN IS A SLIGHT LIMITATION FOR USE AND MANAGEMENT



STRAW BALES AT AREA DRAIN INLET ANCHORED WITH (2) 2"x2"x3' LG. PEGS OR STEEL FENCE POSTS PER EACH BALE. BALES TO BE PLACED WITH OVERLAPPING EDGES AND EMBEDDED 6" BELOW ACCESSIBLE HARD SURFACE WHICH PERMITS DRAINAGE TO OTHER AREAS OR OFF SITE

**STRAW BALE DROP INLET PROTECTION**  
 N.T.S. REF. PRACTICE 3.54

**LEGAL DESCRIPTION**

A PART OF THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 5 SOUTH, RANGE 10 WEST, CENTER TOWNSHIP, VANDERBURGH COUNTY, INDIANA

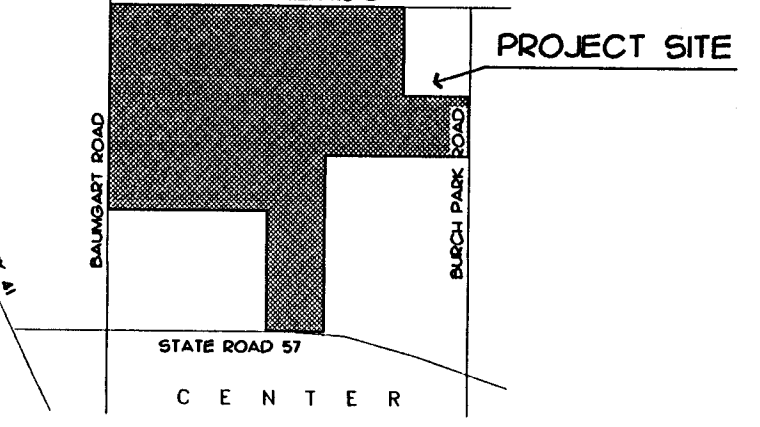
**PEAK STORMWATER DISCHARGE**  
 (10 YEAR STORM EVENT)

PRE CONSTRUCTION	42 CFS
POST CONSTRUCTION	42 CFS

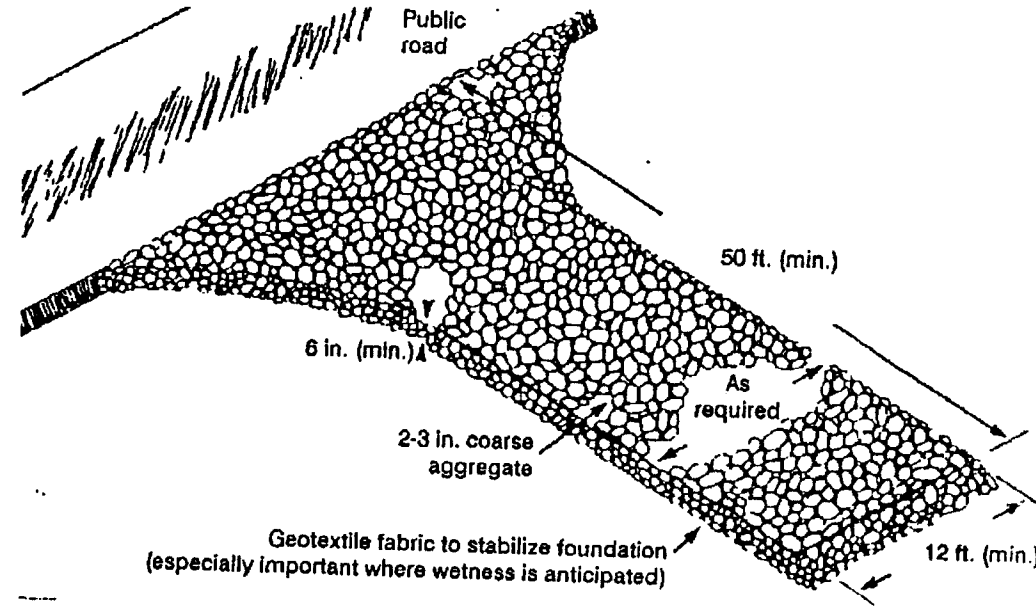
**LEGEND**

- 384 - - - - - PROPOSED GRADE
- 384 - - - - - EXISTING GRADE

WATERSHED HYDROLOGIC UNIT CODE # 05140202040090  
 LITTLE PIGEON CREEK



VICINITY MAP  
 N.T.S.



NOTE: PROVIDE STABLE ENTRANCE AT SOUTH ACCESS DRIVE  
**STABLE CONSTRUCTION ENTRANCE**  
 N.T.S. REF. PRACTICE 3.01

NOTE: PRACTICES NOTATED THIS SHEET REFERENCE THE 'INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS' LATEST VERSION

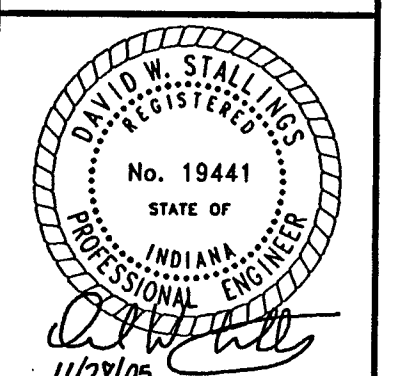
NOTE: ALL EROSION CONTROL MEASURES SHALL REMAIN IN EFFECT UNTIL FINAL STABILIZATION OF THE PROJECT SITE IS ACHIEVED.

**SITE PLAN**  
 1" = 80'

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NO.	DESCRIPTION

**2005 CRANE BAYS ADDITION TO FLANDERS ELECTRIC MOTOR SERVICE, INC.**  
 8101 BAUMGART ROAD  
 EVANSVILLE, INDIANA



DRAWN BY: DATE: 11-28-05  
 DET: 11-28-05  
 DRAWING NUMBER: