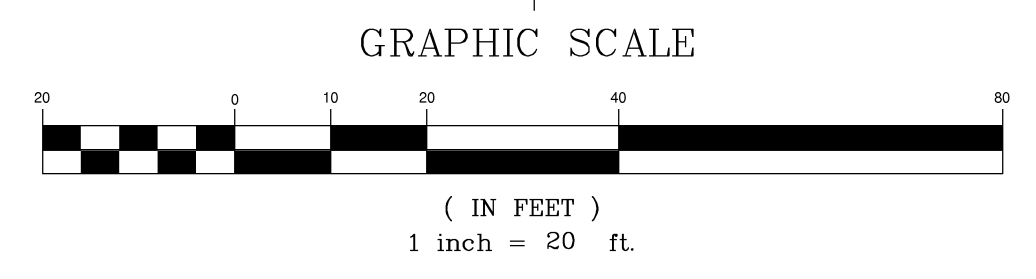
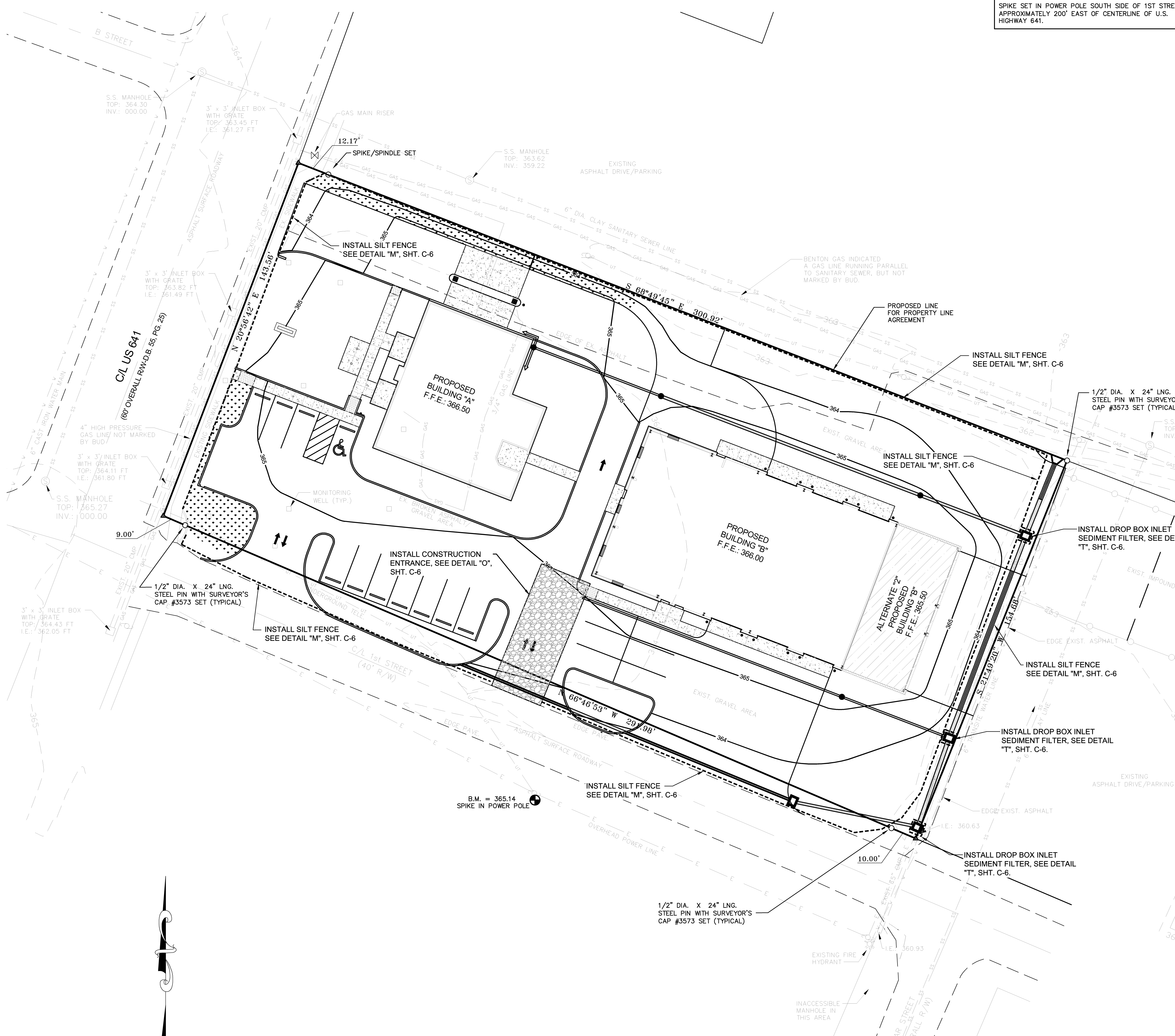


BM EL. = 365.14
 SPIKE SET IN POWER POLE SOUTH SIDE OF 1ST STREET
 APPROXIMATELY 200' EAST OF CENTERLINE OF U.S.
 HIGHWAY 641.

LEGEND	
	EXISTING CENTERLINE OF ROAD
	EX. MAJOR CONTOUR
	EX. FENCE
	EX. SPOT ELEVATION
	PROPOSED CONCRETE SIDEWALK OR SURFACE
	PROPOSED STORM PIPING, SEE PIPE SCHEDULE
	PROPOSED CONTOUR
	PROPOSED CONSTRUCTION ENTRANCE DETAIL "O", SHEET C-5
	PROPOSED SILT FENCE, SEE DETAIL "M", SHEET C-5
	PROPOSED SILT CHECK/SILT FENCE, SEE DETAIL "N", SHEET C-5
	INSTALL SOD TURF
	PROPOSED SEDIMENT FILTER, SEE DETAIL "S", SHEET C 5.01

- ### NOTES
- SILT FENCE SHALL BE INSTALLED IN ALL AREAS SUBJECT TO SEDIMENT RUNOFF FROM THE SITE AND REMOVED AT COMPLETION OF PROJECT PRIOR TO LANDSCAPE CONTRACTOR ARRIVAL TO SITE. CONTRACTOR TO COORDINATE WITH LANDSCAPE CONTRACTOR. SEE DETAIL "M" AND "N" SHEET C-6. SILT FENCE LOCATIONS MAY VARY DURING COURSE OF CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR SEDIMENTATION CONTROL OF ONSITE RUNOFF IN ACCORDANCE WITH CITY OF BENTON AND STATE OF KENTUCKY STORM WATER RUNOFF, SOIL EROSION, AND SEDIMENTATION CONTROL STANDARDS. ALL EROSION CONTROLS SHALL BE IN PLACE BEFORE SITE WORK BEGINS. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PER "BEST MANAGEMENT PRACTICE" FOR CONSTRUCTION ACTIVITIES PREPARED BY THE KENTUCKY NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET.
 - THE DRAINAGE PATTERN CREATED BY THE DEVELOPMENT OF THIS SITE SHALL BE CONSISTENT WITH THE PREVIOUS STORM WATER DRAINAGE PATTERNS. THE ADJACENT PROPERTY OWNERS SHALL NOT REALIZE ANY CHANGE IN RUNOFF TO THEIR PROPERTY.
 - ALL POTENTIAL EROSION SHALL BE CONTROLLED IN SUCH A MANNER SO AS TO PREVENT ANY DISPLACEMENT OF SILT TO THE ADJACENT PROPERTY OWNERS OR RIGHT-OF-WAY. THIS CONTROL SHALL BE IMPLEMENTED THROUGH PROPER INSTALLATION OF SILT FENCE DURING THE CONSTRUCTION DURATION AND MAINTAINED UNTIL PROPER GROUND COVER HAS BEEN ESTABLISHED.
 - BEFORE CONSTRUCTION, THE CONTRACTOR SHOULD CONTACT B.U.D. AT 1-800-752-6007.
 - A COPY OF THE FOLLOWING DOCUMENTS MUST BE KEPT ON-SITE: STORM WATER POLLUTION PREVENTION PLAN (SWPPP); "NOTICE OF INTENT (NOI)" GENERAL PERMIT; SITE MAP AND PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS.
 - AN AMENDMENT TO THE SWPPP IS REQUIRED WHENEVER A CHANGE IN DESIGN, CONSTRUCTION, AND OPERATION OR MAINTENANCE HAS SIGNIFICANT NEGATIVE EFFECT ON THE POTENTIAL DISCHARGE OF POLLUTANTS OR IF THE SWPPP PROVES TO BE INEFFECTIVE IN ACHIEVING THE GENERAL OBJECTIVES OF THE SWPPP.
 - THE CONTRACTOR SHALL ALSO MAINTAIN THE FOLLOWING RECORDS ON-SITE:
 - GENERAL CONTRACTOR AND/OR SUBCONTRACTOR SWPPP CERTIFICATIONS.
 - THE DATE, TIME, AND EXACT LOCATION OF THE INSPECTION, AND THE NAME OF THE INSPECTOR.
 - AN ASSESSMENT OF THE CONDITION OF THE EROSION CONTROLS.
 - A DESCRIPTION OF ANY EROSION CONTROL IMPLEMENTATION AND MAINTENANCE PERFORMED.
 - A DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION AT THE SITE.
 - CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE MAXIMUM EXTENT POSSIBLE OR AS REQUIRED BY THE GENERAL PERMIT.
 - A SILT BARRIER FENCE SHALL BE PLACED AROUND THE DOWNSTREAM STRUCTURES. SEDIMENT CONTROL STRUCTURES SHALL BE FUNCTIONAL AT THE END OF EACH DAY AND SHALL BE INSPECTED DAILY. FOR INSPECTIONS FOLLOWING A 0.5" OR HIGHER EVENT, REPORT SHALL SHOW THE RAINFALL TOTAL AS MEASURED ON THE ON-SITE RAIN GAGE. BASED ON INSPECTION REPORTS, ANY MODIFICATIONS NECESSARY TO INCREASE THE EFFECTIVENESS OF THIS SWPPP TO AN ACCEPTABLE LEVEL MUST BE MADE WITHIN 48 HOURS OF THE INSPECTION, WHERE INTENDED TO PROVIDE SEDIMENT CONTROL.
 - SEDIMENT STRUCTURE AND PERIMETER SEDIMENT BARRIERS SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING WITHIN SEVEN (7) DAYS FROM THE START OF CLEARING AND GRUBBING AND SHALL CONTINUE TO FUNCTION UNTIL THE SLOPE DEVELOPMENT AREA IS RE-STABILIZED.
 - INLET PROTECTION DEVICES AND CONTROLS SHALL BE REPAIRED OR REPLACED WHEN THEY SHOW SIGNS OF UNDERMINING AND OR DETERIORATION.
 - ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STANDING OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEED AS NEEDED.
 - SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION IF DAMAGED. SEDIMENT ACCUMULATION MUST BE REMOVED WHEN SEDIMENT HEIGHT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
 - PERMANENT SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF VEGETATION, LANDSCAPE TYPE MULCHING, MATING, SOD, RIP-RAP, AND OTHER APPROVED LANDSCAPING TECHNIQUES TO BE APPLIED AS FOLLOWS:
 - WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR ONE (1) YEAR OR MORE.
 - WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM AT FINAL GRADE.
 - WITHIN SEVEN (7) DAYS FOR ANY OTHER AREA AT FINAL GRADE.
 - TEMPORARY SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION, AND OTHER APPROVED TECHNIQUES TO BE APPLIED AS FOLLOWS:
 - WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM NOT AT FINAL GRADE.
 - WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR MORE THAN TWENTY-ONE (21) DAYS, BUT LESS THAN ONE (1) YEAR.
 - PRIOR TO THE ONSET OF WINTER WEATHER FOR AREAS THAT WILL BE IDLE OVER WINTER.
 - TEMPORARY SEEDING, MULCHING, AND FERTILIZER SPECIFICATIONS:
 - SEEDING: ANNUAL RYE GRASS AT 2.02# / 1,000 S.F.
 - MULCHING: STRAW MATERIAL SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT A RATE OF TWO (2) TON/ACRE, OR 80-100 POUNDS PER 1,000 S.F. MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEEDS AND SHALL BE FREE OF PROHIBITIVE NOXIOUS WEEDS. MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICAL MEANS.
 - FERTILIZER: APPLY FERTILIZER AT HALF THE RATE OF PERMANENT APPLICATION AND AS PER STATE DOT SPECIFICATIONS. IF PROJECT CONDITIONS PREVENT FERTILIZING THE SOIL, THEN THIS ITEM MAY BE WAIVED.
 - SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION. ALL SLOPES 3:1 SHALL BE FERTILIZED, SEEDED, AND CURLEX BLANKETS BY AMERICAN EXCELSIOR COMPANY OR AN APPROVED EQUAL SHALL BE INSTALLED ON THE SLOPES.
 - MINIMIZE OFF-SITE SEDIMENT TRACKING OF VEHICLES BY THE USE OF GRANULAR MATERIAL IN ALL CONSTRUCTION ENTRANCES, ALONG WITH REGULARLY SCHEDULED SWEEPING/GOOD HOUSEKEEPING. STABILIZED CONSTRUCTION ENTRANCES TO BE PROPERLY MAINTAINED AND IN GOOD WORKING ORDER AT ALL TIMES.
 - NO SOLID (OTHER THAN SEDIMENT) OR LIQUID WATER, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED IN STORM WATER RUNOFF. ALL NON-SEDIMENT POLLUTANTS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL GUIDELINES. WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN DESIGNATED PIT OR DIKED AREAS, WHERE WASHINGS CAN BE REMOVED AND PROPERLY DISPOSED OFF-SITE WHEN THEY HARDEN. STORAGE TANKS SHOULD ALSO BE LOCATED IN PIT OR DIKED AREAS. IN ADDITION, SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CLEAN AND CONTAIN FUEL AND CHEMICAL SPILLS MUST BE KEPT ON SITE.
 - DUST CONTROLS USING APPROVED MATERIALS MUST BE PERFORMED AT ALL TIMES. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS PROHIBITED.
 - ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION BY THE USE OF BEST MANAGEMENT PRACTICES. THESE AREAS MUST BE SHOWN IN THE SITE MAP WHEN AVAILABLE AND WHEN ALLOWED BY THE GENERAL PERMIT.
 - ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE ROADWAYS OR INTO THE STORM SEWERS MUST BE REMOVED IMMEDIATELY.
 - CONTRACTORS AND SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ALL SEDIMENT FROM THE SITE, INCLUDING DETENTION PONDS, AND STORM SEWER SYSTEMS. SEDIMENT DEPOSITION DURING SITE STABILIZATION MUST ALSO BE REMOVED.



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SITE EROSION CONTROL PLAN

castleberry megregor swinford
 ARCHITECTS

BENTON GAS SYSTEMS

C-3
 of 6

DATE: 8-31-10
 Project No. 10176