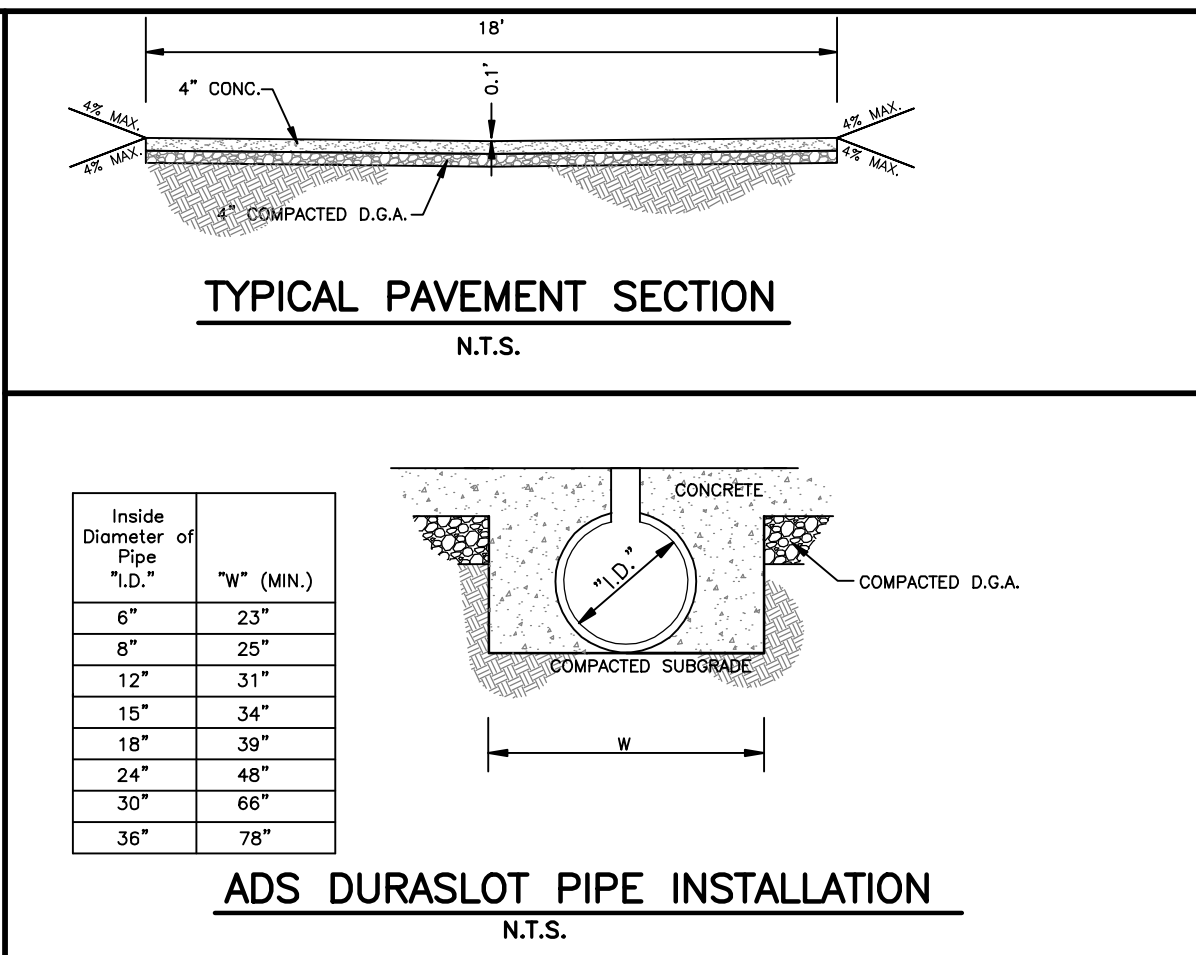
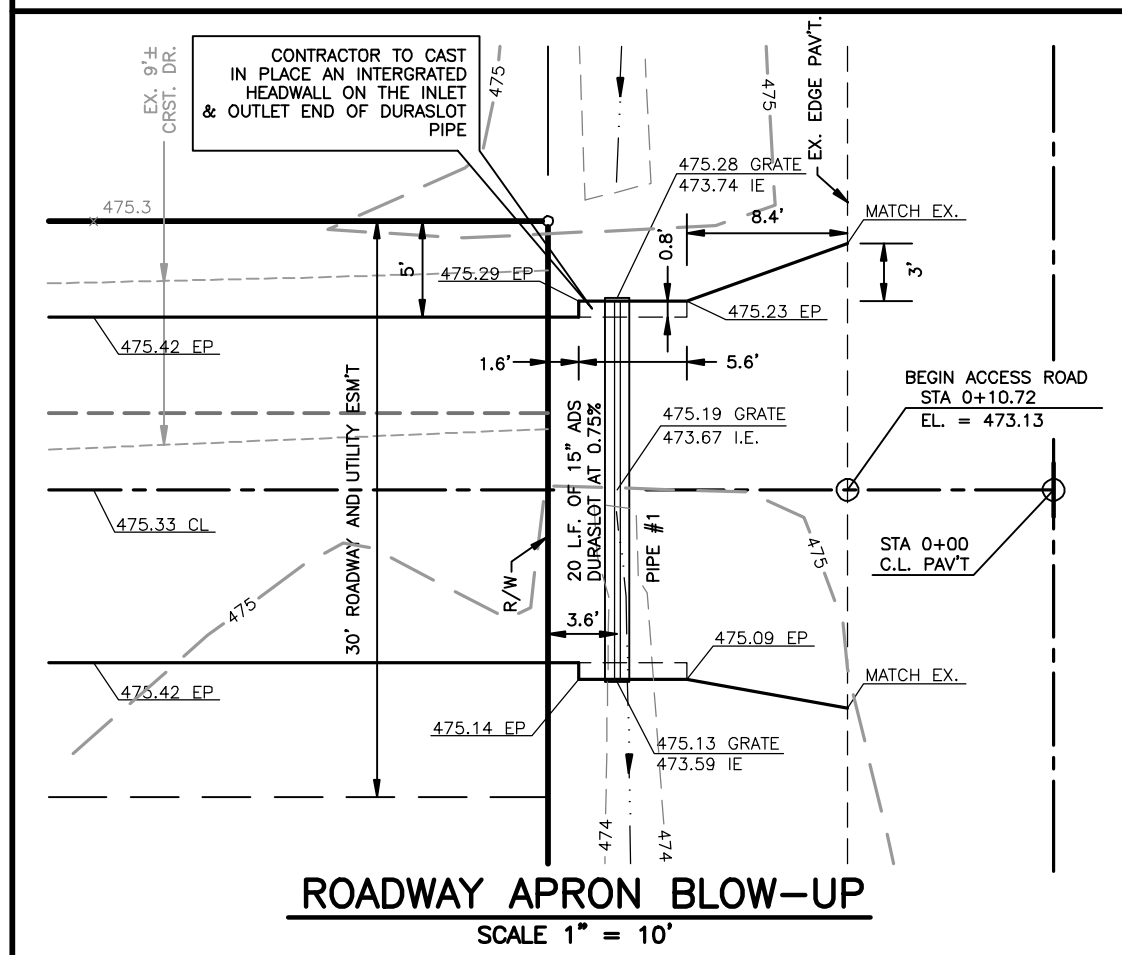


ENTRANCE ROADWAY
FOR
2 STUDS LLC.
5466 BRUCE AVE.
LOUISVILLE, KY

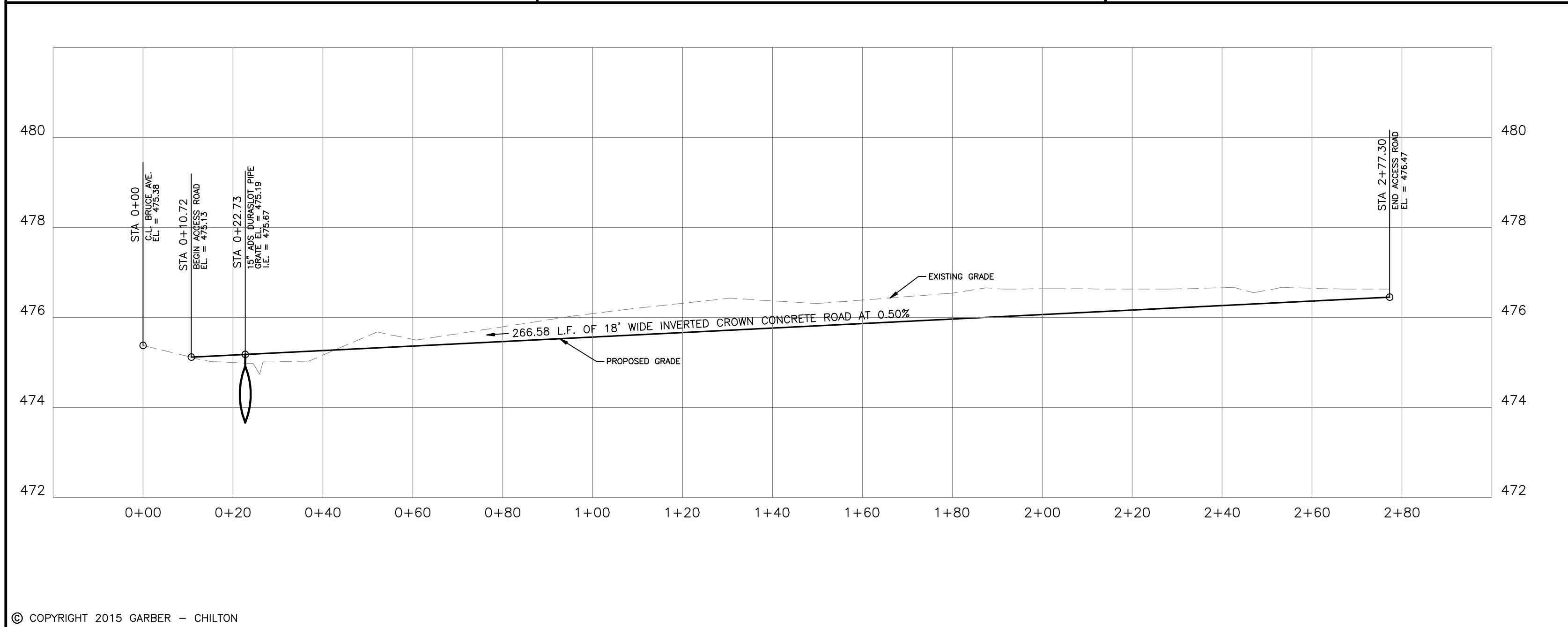


GENERAL CONCRETE NOTES:

- CONCRETE WORK TO CONFORM TO ALL REQUIREMENTS OF ACI 301-96, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 318 (LATEST EDITION) "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND SPECIFICATIONS, UNLESS OTHERWISE NOTED."
- ALL CONCRETE TO DEVELOP A MINIMUM COMPRESSIVE STRENGTH (F_c) OF 4000 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED.
- STEEL FOR REINFORCING SHALL BE NEW GRADE 60 BILLET STEEL, DEFORMED TO CONFORM TO ASTM A615.
- WELDED WIRE FABRIC TO COMPLY WITH ASTM A185, WITH A MINIMUM LAP OF ONE SPACING OF THE CROSS WIRES PLUS 2 INCHES.
- EXPANSION JOINT FILLER SHALL CONFORM TO ASTM D1752, UNLESS OTHERWISE NOTED.
- BACKFILL SHALL BE COMPACTED BY SUITABLE MECHANICAL MEANS IN 6" LAYERS (MAX.) TO THE MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT (98% STANDARD PROCTOR FOR STRUCTURAL FILL AND 95% STANDARD PROCTOR FOR PARKING AREAS).
- ALL DIMENSIONS AND GRADES SHALL BE VERIFIED IN THE FIELD (V.I.F.) BY THE SITE CONTRACTOR AND ANY DISCREPANCIES OR INTERFERENCES SHALL BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH AFFECTED WORK.
- EXISTING CONCRETE WHICH IS SAW CUT SHALL BE DONE SO AS TO PRODUCE STRAIGHT LINES WHICH ARE FREE OF FRAWLS, CHIPPING, ETC. SAW CUTTING A MINIMAL DEPTH OF THE TOP SURFACE OF THE CONCRETE AND THEN BREAKING THE SECTIONS IS UNACCEPTABLE.
- GROUT SHALL BE PREMIXED NON-SHRINK, NON-METALLIC AND MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS.
- ALL PERMANENTLY EXPOSED CORNERS SHALL HAVE A 3/4" X 45 DEGREE BEVEL, UNLESS OTHERWISE NOTED.
- CONTROL JOINTS SHALL BE TOoled A MINIMUM 1/4 OF SLAB THICKNESS, AND FILLED WITH URETHANE SEALANT.
- EXPANSION JOINT MATERIAL TO BE PLACED AND SEALED WITH SONNEBORN SL 1 SELF LEVELING URETHANE SEALANT WHERE CONCRETE MEETS EXISTING CONCRETE AND IS NOT DOWELED.
- PLACE TOoled CONTROL JOINTS:
 - 5 FEET ON CENTERS FOR TEN FEET WIDE WALKS.
 - 6 FEET ON CENTERS BOTH WAYS FOR OTHER SLABS.
 - 6 FEET ON CENTERS BOTH DIRECTIONS FOR OTHER SLABS.
 - 4 FEET ON CENTERS (BOTH DIRECTIONS) FOR EIGHT FEET WIDE WALKS.
 - 5 FEET ON CENTERS FOR FIVE FEET WIDE WALKS.
- INSTALL 1/2 INCH EXPANSION JOINT MATERIAL, 20 FEET ON CENTERS (MAX.) FOR FULL DEPTH OF SIDEWALK SLABS, WITH SONNEBORN SL 1 SELF LEVELING URETHANE SEALANT.
- ALL SIDEWALKS TO BE CONSTRUCTED OF 4000 PSI CONCRETE AS SHOWN ON THE DRAWINGS, FOUR INCHES THICKNESS.
- ALL CONCRETE SHALL BE CLASS A CONCRETE UNLESS OTHERWISE SPECIFIED.

GENERAL SITE NOTES

- GRADE ALL DISTURBED AREAS TO DRAIN.
- PLACE SILT FENCE AROUND STOCK PILE TO PREVENT EROSION ONTO ADJACENT PROPERTIES.
- CALL "KENTUCKY 811" AT 1-800-752-6007 FOR UTILITY LOCATIONS PRIOR TO EXCAVATION. ALL UTILITIES ARE SHOWN APPROXIMATE.
- ALL CONSTRUCTION METHODS, MATERIALS AND WORK ACTIVITIES SHALL BE IN ACCORDANCE WITH THE KENTUCKY TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS STANDARDS SPECIFICATIONS AND SUPPLEMENT FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION UNLESS OTHERWISE SPECIFIED. THE CURRENT KENTUCKY STANDARD DRAWINGS WILL ALSO APPLY UNLESS OTHERWISE NOTED ON THE PLANS.
- THE SITE CONTRACTOR SHALL PROVIDE ALL NECESSARY LABOR, MATERIAL, EQUIPMENT, TOOLS AND SERVICES REQUIRED TO COMPLETE THE CONSTRUCTION AND MATERIAL TESTING FOR THE WORK. ALL THE WORK SHALL BE PERFORMED IN A SAFE AND REASONABLE WORKING MANNER IN ACCORDANCE WITH THE BEST PRACTICES AND PROCEDURES.
- THE SITE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES, ORDINANCES, REGULATIONS AND REQUIREMENTS NECESSARY TO COMPLETE THE WORK. THIS INCLUDES PROVISIONS FOR MAINTENANCE OF TRAFFIC, CONSTRUCTION AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- ALL SOIL EROSION CONTROL AND PREVENTION, STORM WATER DRAINAGE WORK AND SANITARY SEWER CONSTRUCTION SHALL CONFORM TO BEST MANAGEMENT PRACTICES AND MSD EROSION CONTROL ORDINANCE.
- A MINIMUM TWELVE INCH DEPTH OF COVER OVER ALL CULVERT PIPES IS REQUIRED. A MINIMUM THREE INCH ENCLOSED CLASS A CONCRETE ENCASUREMENT WITH A MINIMUM PROJECTION INTO THE PAVEMENT STRUCTURE FOR ANY PIPE WITH REDUCED COVER IS REQUIRED AND ONLY IF APPROVED BY THE ENGINEER.
- ALL CMP PIPE SHALL BE STATE & COUNTY APPROVED. ALL JOINTS WILL BE WATERTIGHT CONSTRUCTION. ALL HDPE PIPE SHALL CONFORM TO "ADS" OR "HANDOR" SPECIFICATIONS.
- ALL ROADSIDE DRAINAGE DITCHES AND GRASSY AREAS WILL BE GRADED AND SHAPED TO PROVIDE POSITIVE DRAINAGE AND SEEDED AND COVERED W/ STRAW MATS. ALL CROSSDRAIN CULVERT PIPES WILL BE CONSTRUCTED IN THE ELEVATION SHOWN IN THE PLANS AND TO DRAIN.
- ALL EXISTING TRAFFIC WARNING AND REGULATORY SIGNING WILL BE LOCATED, MAINTAINED DURING ALL CONSTRUCTION ACTIVITIES AND IMMEDIATELY REPLACED AFTER CONSTRUCTION IS COMPLETED BY THE SITE CONTRACTOR.
- FORTY EIGHT (48) HOURS PRIOR TO CONSTRUCTION, NOTICE SHALL BE GIVEN BY THE SITE CONTRACTOR TO THE JEFFERSON COUNTY ROAD DEPARTMENT FOR INSPECTIONS OF BASE AND PAVEMENT WITHIN RIGHT-OF-WAY.
- SHOULD ANY EXISTING DRAINAGE STRUCTURES AND/OR UTILITIES WITHIN THE RIGHTS OF WAY NEED TO BE RELOCATED, EXTENDED OR OTHERWISE ALTERED, A CHANGE ORDER SHALL BE APPROVED BEFORE BEGINNING.
- IF ANY UTILITY LINES ARE ENCOUNTERED DURING CONSTRUCTION, EXTREME CAUTION SHOULD BE EXERCISED AND THE UTILITY COMPANY NOTIFIED IMMEDIATELY. ANY DAMAGES SHALL BE REPAIRED IMMEDIATELY AT THE DIRECTION OF THE UTILITY COMPANY INCLUDING TEMPORARY AND PERMANENT WORK AT NO ADDITIONAL EXPENSE TO OWNER/DEVELOPER.
- ALL MAINTENANCE OF TRAFFIC AND/OR SIGNAGE WILL BE SUPPLIED BY THE SITE CONTRACTOR.
- ALL DEBRIS IS TO BE REMOVED FROM THE SITE DAILY. BURNING ON SITE WILL NOT BE PERMITTED.
- THE TERM ENGINEER REFERS TO GARBER-CHILTON ENGINEERS.
- ALL AREAS WHERE FINISH MATERIALS ARE NOT SPECIFIED SHALL BE GRADED TO DRAIN AND SEEDED AND STRAWED. ALL DITCHES AND SWALES TO BE LINED WITH STRAW MATS IMMEDIATELY AFTER SEEDING.
- TEMPORARY SEEDING SHALL BE 40 #/ACRE WHEAT, PERMANENT SEEDING SHALL BE 25 #/ACRE TALL FESCUE, 20 #/ACRE RYE GRASS, 15 #/ACRE BLUEGRASS, AND 600 #/ACRE 12/12/12 FERTILIZER.



LEGEND

- FLOWARROW
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- C.L. CENTERLINE
- EP EDGE OF PAVEMENT
- IE INVERT ELEVATION
- EX. EXISTING
- ADS ADVANCE DRAINAGE SYSTEM
- L.F. LINEAL FEET
- EL. ELEVATION
- R/W RIGHT-OF-WAY
- P.B. PLAT BOOK
- P. PAGE
- CMP CORRUGATED METAL PIPE
- CONC. CONCRETE
- FR. FRAME

GARBER - CHILTON ENGINEERS & LAND SURVEYORS, INC.
Civil - Drainage - Structural - Investigative - Land Surveying - GPS
2249 Commerce Parkway - La Grange, Kentucky 40031 - 502.222.9216
3010 Highway 227 North - Worthville, Kentucky 41098

SCALE	1" = 20'
DRAWN	WAK
CHECKED	DFG
DATE	11-11-2015
FILE	15-10309\ENTRANCE ROAD
REVISION	
PROJECT ID.	15-10309
	C100