

# DORRIS ROAD

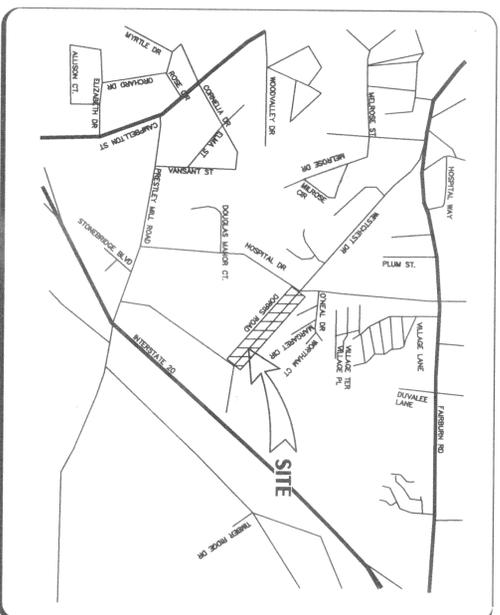
## CONSTRUCTION DOCUMENTS

### (FROM HOSPITAL DRIVE TO THE DOUGLAS COUNTY MULTI-MODEL TRANSPORTATION FACILITY)

## DOUGLASVILLE, GEORGIA

ALL EROSION AND SEDIMENTATION  
CONTROLS AND TREE PROTECTION  
MEASURES SHALL BE INSTALLED  
PRIOR TO GRADING.

SHEET NO.	DESCRIPTION
C-10	COVER SHEET
C-20	GENERAL NOTES & LEGEND
C-30	EXISTING CONDITIONS PLAN
C-40	SITE & GRADING PLAN
C-50	STORM & ROAD PROFILES
C-60	ROAD CROSS SECTIONS
C-61	EROSION & SEDIMENT CONTROL DETAILS CONSTRUCTION DETAILS



**VICINITY MAP**  
SCALE : 1" = 1000'

LAND LOTS 49, 50, 53 & 54  
1ST DISTRICT, 5TH SECTION  
CITY OF DOUGLASVILLE  
DOUGLAS COUNTY, GEORGIA

REVISED: 12-12-02

CONTRACTORS HAVE THE RESPONSIBILITY TO  
ENSURE EROSION CONTROL OF SEWER EASEMENTS,  
PARTICULARLY WHEN A SEWER EASEMENTS ARE IN  
CLOSE PROXIMITY OF DRAINAGE EASEMENTS. SEE  
THE ASSIGNED DOUGLASVILLE-DOUGLAS COUNTY  
WSA INSPECTOR FOR DETAILS.

PREPARED BY:

**HDR/WLJorden, Inc.**  
ENGINEERS - SURVEYORS - PLANNERS

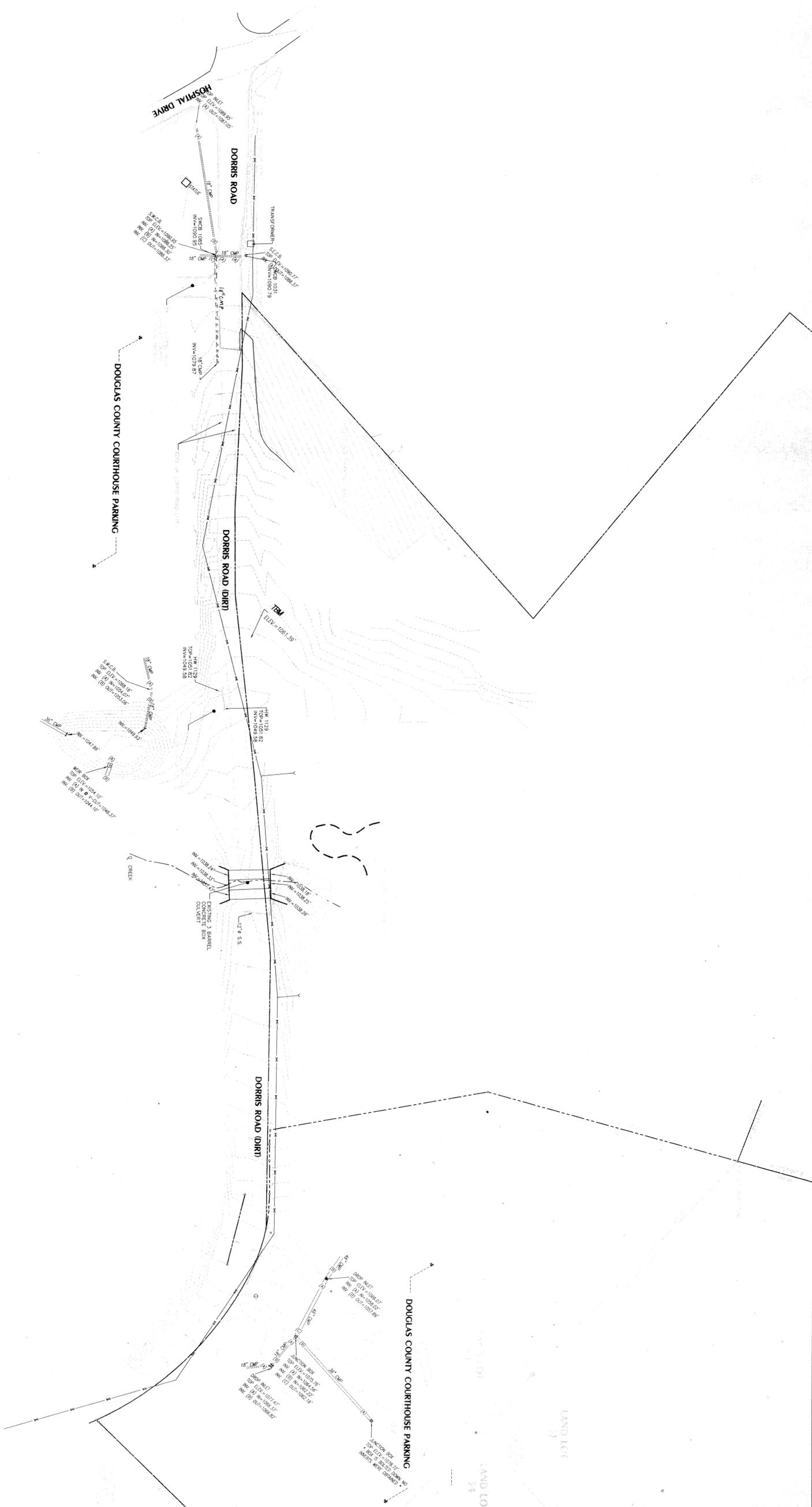
200 NORTH COBB PKWY.  
BUILDING 100, SUITE 134  
MARIETTA, GEORGIA 30062  
(678) 784-4000

OWNER

DOUGLAS COUNTY  
BOARD OF COMMISSIONERS  
8700 HOSPITAL DR  
DOUGLASVILLE, GA 30134

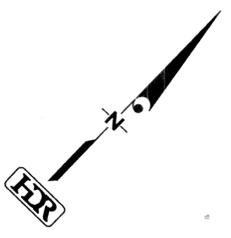
24-HR EMERGENCY CONTACT  
MIKE MCBRIER  
770-920-7243





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**MIKE MCBRIER 770-920-7243**

**UTILITY DISCLAIMER**  
 UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES WITHIN OR ADJACENT TO THE WORK AREA. THE CONTRACTOR SHALL HAVE THE UTILITIES FIELD LOCATED AND MARKED PRIOR TO CONSTRUCTION. THE FIELD MARKS SHALL BE RELOCATED WHEN NECESSARY OR ADVISED FOR THE WORK.



**F. YOUNG & ASSOCIATES, INC.**  
 1400-282-7411  
 UTILITIES PROTECTION CENTER  
 179 THE LAWN

**GRAPHIC SCALE**  
 1" = 50' (IN FEET)

**GEORGIA**  
 PROFESSIONAL ENGINEER  
 NO. 28833  
**TODD A. JORDEN**

**12/27/01**  
 SHEET  
**C2.0**

EXISTING CONDITIONS

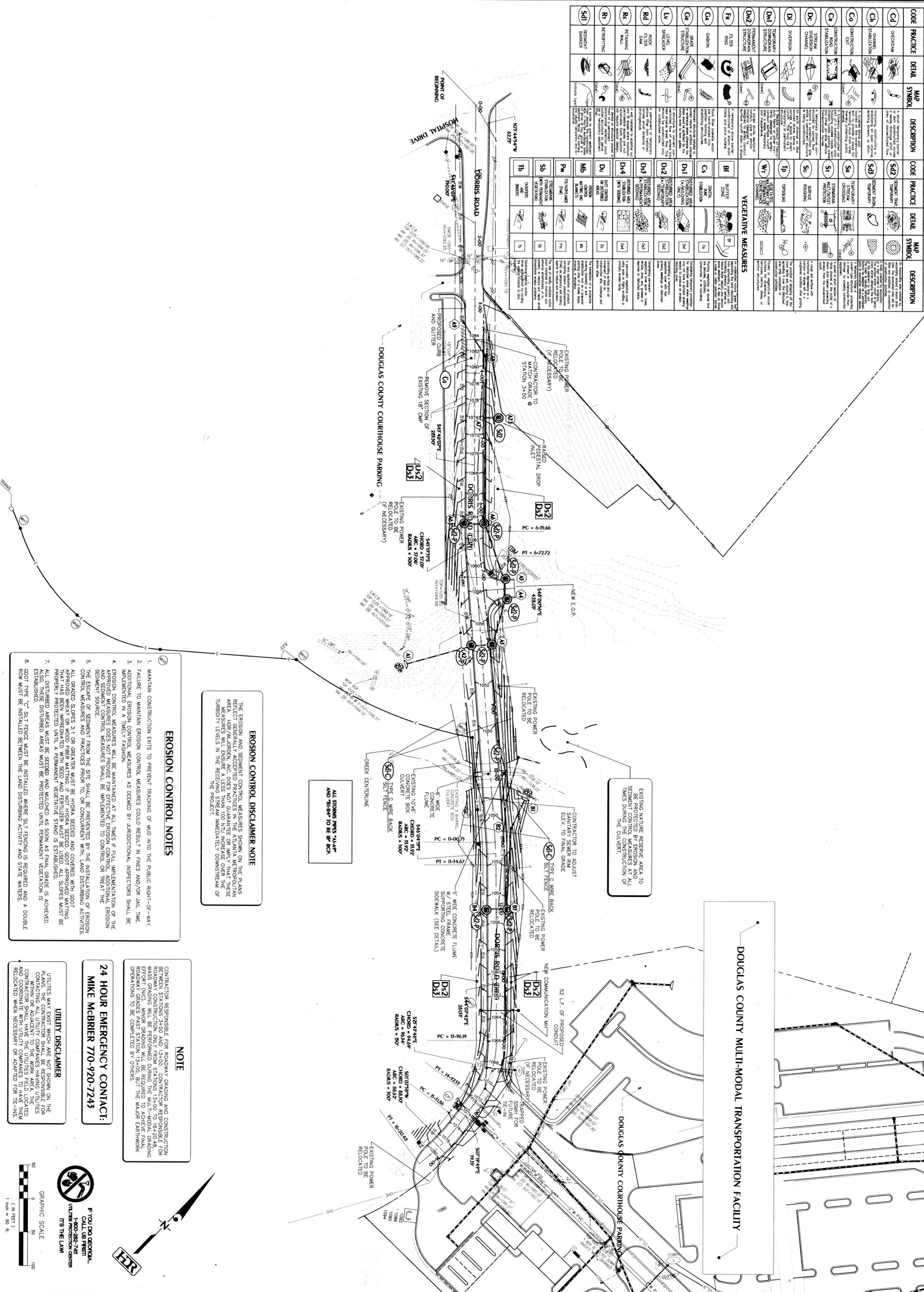
**DORRIS ROAD CONSTRUCTION DOCUMENTS**  
**CITY OF DOUGLASVILLE**

DATE	DESCRIPTION	APPROVED BY
11/27/01	PLAN REVISION	DC
		FM
		GA/OC
		SM/DM
		DRAWN BY
		HDR FILE #
		10138-008
		DATE: 10-19-01

**HDR/WL Jordan, Inc.**  
 200 NORTH COBB PARKWAY, SUITE 134  
 MARIETTA, GEORGIA 30062  
 (678) 784-4000  
 ENGINEERS · SURVEYORS · PLANNERS

GEORGIA UNIFORM CODING SYSTEM  
FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
CD	OVERSOAM			Apply a minimum of 2 inches of organic matter to the soil surface to reduce erosion and improve soil structure.
CH	CHANNEL STABILIZATION			Use of structural or vegetative measures to stabilize channels and prevent erosion.
CO	CONSTRUCTION EROSION CONTROL			Use of temporary erosion control measures during construction to prevent soil erosion.
CR	CONSTRUCTION STABILIZATION			Use of permanent erosion control measures to stabilize construction areas.
DC	CHANNEL STABILIZATION			Use of structural or vegetative measures to stabilize channels and prevent erosion.
DI	DIVERSION			Use of structures to divert runoff from erodible areas to non-erodible areas.
DM	TEMPORARY DIVERSION			Use of temporary structures to divert runoff during construction.
DM2	PERMANENT DIVERSION			Use of permanent structures to divert runoff.
FR	FILTER RINS			Use of filter rins to catch sediment before it enters water bodies.
GA	GRAZING			Use of grazing to maintain vegetation and prevent erosion.
GB	GRAZE EXCLUSION			Use of structures to exclude grazing animals from erodible areas.
GC	GRAZE EXCLUSION			Use of structures to exclude grazing animals from erodible areas.
LD	LEVEL SPREADERS			Use of level spreaders to distribute sediment and reduce erosion.
LV	LEVEL SPREADERS			Use of level spreaders to distribute sediment and reduce erosion.
RA	ROCK FILTER DAM			Use of rock filter dams to catch sediment and reduce erosion.
RE	RETAINING WALL			Use of retaining walls to stabilize slopes and prevent erosion.
RI	REINFORCING			Use of reinforcing structures to stabilize slopes and prevent erosion.
SBI	SEEDING			Use of seeding to establish vegetation and prevent erosion.
SB2	SEEDING			Use of seeding to establish vegetation and prevent erosion.
SB3	SEEDING			Use of seeding to establish vegetation and prevent erosion.
SB4	SEEDING			Use of seeding to establish vegetation and prevent erosion.
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SB100	SEEDING			Use of seeding to establish vegetation and prevent erosion.



**EROSION CONTROL DISCLAIMER NOTE**

THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS REFLECT GENERALLY ACCEPTED PRACTICES IN THE ATLANTA METROPOLITAN AREA. HDR/WL JORDEN, INC. DOES NOT GUARANTEE OR IMPLY THAT THESE MEASURES WILL PREVENT ALL EROSION AND SEDIMENTATION, OR THAT THE TURBIDITY LEVELS IN THE RECEIVING STREAM WILL BE MAINTAINED DURING THE PROJECT.

**ALL STORMS PIPES "A" AND "B" TO BE 18" RCP.**

EXISTING NATURE RESERVE AREA TO REMAIN. EROSION CONTROL MEASURES AT ALL TIMES DURING THE CONSTRUCTION OF THE CULVERT.

- EROSION CONTROL NOTES**
1. MAINTAIN CONSTRUCTION EXITS TO PREVENT TRACKING OF MUD INTO THE PUBLIC RIGHT-OF-WAY.
  2. FAILURE TO MAINTAIN EROSION CONTROL MEASURES COULD RESULT IN FINES AND/OR JAIL TIME.
  3. ADDITIONAL EROSION CONTROL MEASURES AS DEMAND BY JURISDICTIONAL INSPECTORS SHALL BE IMPLEMENTED IN A TIMELY FASHION.
  4. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE MEASURES DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
  5. ALL GRADED SLOPES 3:1 OR GREATER MUST BE HYDRA SEEDED AND COVERED WITH GOOT APPROVED WHEAT OR WOOD FIBER MATTING. IF NOT HYDRA SEEDED, GOOT APPROVED MATTING THAT HAS BEEN IMPREGNATED WITH SEED AND FERTILIZER MUST BE USED. ALL SLOPES MUST BE PROPERLY PROTECTED UNTIL A PERMANENT VEGETATION STAND IS ESTABLISHED.
  6. ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED AS SOON AS FINAL GRADE IS ACHIEVED. ESTABLISHED.
  7. ALL DISTURBED AREAS MUST BE PROTECTED UNTIL PERMANENT VEGETATION IS ESTABLISHED.
  8. GOOT TYPE "C" SILT FENCE MUST BE INSTALLED WHERE SILT FENCING IS REQUIRED AND A DOUBLE ROW MUST BE INSTALLED BETWEEN THE LAND DISTURBING ACTIVITY AND STATE WATERS.

**NOTE**

CONTRACTOR RESPONSIBLE FOR ROADWAY GRADING AND CONSTRUCTION BETWEEN STATIONS 3+50 AND 13+00. CONTRACTOR RESPONSIBLE FOR MASS GRADING WILL BE PERFORMED DURING THE MULTI-WAD-4 GRADING EFFORT (M/G). MINOR GRADING WILL BE REQUIRED TO ACHIEVE FINAL ROADWAY GRADES PAST STATION 13+00, BUT THE MAJOR EARTHWORK OPERATIONS TO BE COMPLETED BY OTHERS.

**24 HOUR EMERGENCY CONTACT:**  
**MIKE MCBRIER 770-920-7243**

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**FERR**

**F YOU DO GEORGIA**  
CALL US FIRST!  
1-800-282-7411  
UTILITY PROTECTION CENTER  
TIPS THE LAW!

GRAPHIC SCALE  
1 inch = 50 ft.

SITE & GRADING PLAN

**DORRIS ROAD CONSTRUCTION DOCUMENTS**  
CITY OF DOUGLASVILLE

DATE	DESCRIPTION	APPROVED BY
11/27/01 <td>PLAN REVISION <td>DE</td> </td>	PLAN REVISION <td>DE</td>	DE
		QA/QC
		SM/DM
		DRAWN BY
		HEB FILE #
		10138-008
		DATE: 10-19-01

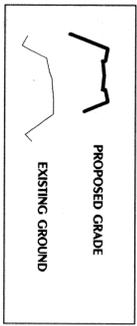
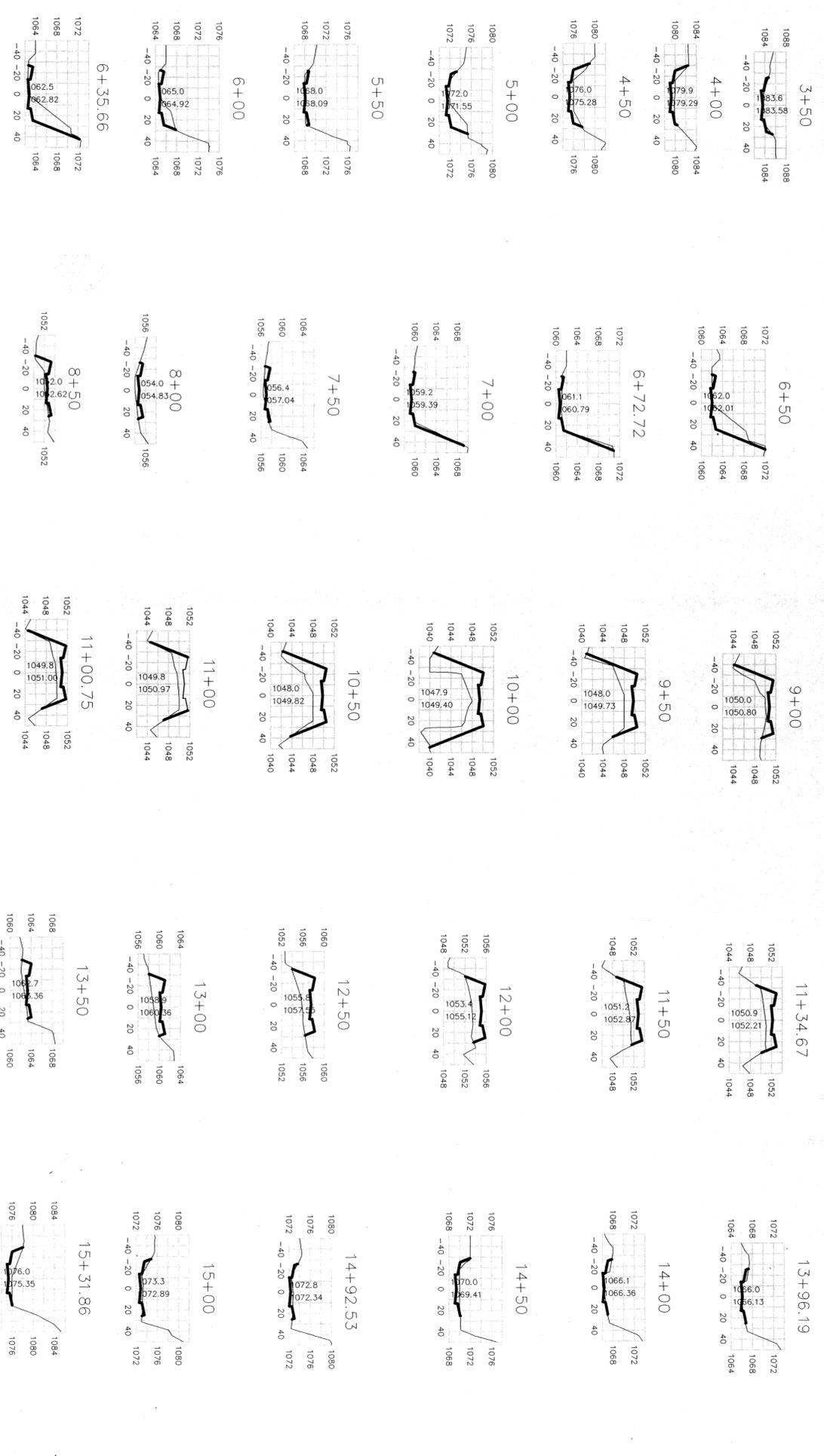
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200 NORTH COBB PARKWAY, SUITE 134  
MARIETTA, GEORGIA 30062  
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ENGINEERS · SURVEYORS · PLANNERS

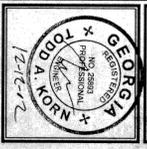
SHEET  
C3.0





**DORRIS ROAD CROSS SECTIONS**  
 NOTE: SEE DOUGLAS CO. ROAD SECTION DETAIL ON DETAIL SHEET  
 1" = 50' HOR  
 1" = 5' VER

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	CUT	FILL	CUT	FILL	CUT	FILL
3+50	10.56	1.09	50.89	1.01	50.89	1.01
4+00	37.23	0.00	98.44	0.00	149.33	1.01
4+50	55.22	0.00	131.86	0.00	281.19	1.01
5+00	68.61	0.00	75.10	9.75	356.29	10.76
5+50	132.55	10.55	47.65	19.68	403.94	30.44
6+00	42.83	10.72	119.55	14.70	523.50	45.14
6+35.66	114.80	11.54	72.37	4.42	595.87	49.55
6+50	112.28	5.73	73.15	3.06	669.02	52.61
6+72.72	32.56	1.87	23.07	2.98	698.09	55.60
7+00	17.47	4.04	19.17	24.05	717.26	79.65
7+50	0.53	21.93	0.57	53.10	717.83	132.75
8+00	0.00	35.42	0.54	70.92	717.87	203.67
8+50	0.04	41.17	0.04	131.31	717.92	330.99
9+00	0.00	107.12	0.00	239.50	717.92	560.48
9+50	0.00	151.53	0.00	450.15	717.92	1030.63
10+00	0.00	334.63	0.00	496.47	717.92	1527.09
10+50	0.00	201.55	0.00	274.71	717.92	1801.80
11+00	0.00	95.13	0.00	2.64	717.92	1804.44
11+00.75	0.00	94.33	0.00	118.98	717.92	1923.42
11+34.67	0.00	93.71	0.00	58.12	717.92	1981.54
11+50	0.00	111.08	0.00	212.89	717.92	2194.43
12+00	0.00	118.84	0.00	222.94	717.92	2417.37
12+50	0.00	121.94	0.00	194.45	717.92	2611.82
13+00	0.00	88.06	0.00	122.04	717.92	2733.86
13+50	0.00	43.74	0.00	7.81	717.92	2741.67
13+96.19	7.94	2.12	1.71	0.40	719.63	2742.07
14+00	11.52	3.70	4.67	3.44	724.30	2745.51
14+50	30.11	0.00	42.70	1.57	816.53	2747.08
14+92.53	16.10	2.09	3.92	0.56	822.75	2747.64
15+00	20.49	1.96	48.00	1.17	870.75	2748.81
15+31.86	50.27	0.01	37.23	0.00	907.98	2750.22
15+50	43.96	0.00	139.40	2.65	1047.38	2752.87
16+00	91.97	2.76	38.33	1.08	1085.71	2753.95
16+20.48	0.00	0.00	0.00	0.00	1085.71	2753.95



DATE	DESCRIPTION	REVISIONS
11/27/01	PLAN REVISION	



