

# BLUE RIDGE PAPER PRODUCTS INC. - CANTON MILL

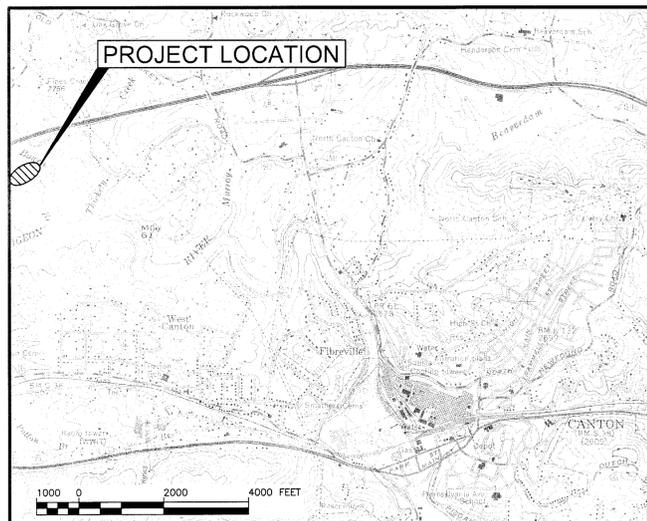
## CANTON, NORTH CAROLINA

### LANDFILL NO. 6 ROADWAY IMPROVEMENTS

### RECORD DRAWINGS

<u>TITLE</u>	<u>DWG. NO.</u>
COVER SHEET	
SYMBOLS & ABBREVIATIONS	C-100
OVERALL SITE LOCATION PLAN	C-101
LAYOUT & GRADING PLAN	C-102
LAYOUT & GRADING PLAN	C-103
LAYOUT & GRADING PLAN	C-104
SECTIONS & DETAILS	C-300

LOCATION MAP



**SME**  
 Sevee & Maher Engineers, Inc.

ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

4 Blanchard Road, PO Box 85A, Cumberland Center, Maine 04021  
 Phone 207.829.5016 • Fax 207.829.5692 • www.smemaine.com



# SYMBOLS

EXISTING	PROPOSED	EXISTING	PROPOSED

**GENERAL NOTES:**

THE CONTRACTOR MUST COMPLY WITH ALL APPLICABLE SAFETY PROCEDURES WITH RESPECT TO THE EMPLOYEES OF THE CONTRACTOR AND HIS SUBCONTRACTOR UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND REGULATIONS ISSUED THEREUNDER AND STATE LABOR (SAFETY) DEPARTMENT AND MILL RULES, PROCEDURES, AND REGULATIONS REGARDING SAFETY.

CONTOURS SHOWN ON PLANS MAY NOT REPRESENT EXISTING CONDITIONS OF THE SITE.

**MATERIAL SPECIFICATIONS:**

ROADWAY SUBBASE - NCDOT ABC AGGREGATE  
 BITUMINOUS CONCRETE PAVING - SECTION 02510 SPECIFICATION  
 PRIME COAT - NCDOT SPECIFICATION SECTION 600

COMPACTION - ALL FILL SOIL SHALL BE COMPACTED TO A DENSITY OF 98 PERCENT OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698 (STANDARD PROCTOR)

**SEED AND FERTILIZER:**

AREAS DISTURBED BY CONSTRUCTION SHALL BE FERTILIZED AND SEEDED.

**MATERIAL:**

FERTILIZER: GRANULAR FERTILIZER 10,10,10 (N,P,K) 1300 LB/AC OR AS NEEDED BASED ON TESTING

SEED:	TALL FESCUE (KY 31)	80 lb/acre
	SERICEA LESPEDEZA	20 lb/acre
	KOBE LESPEDEZA	10 lb/acre
		110 lb/acre

SEEDING WILL OCCUR BETWEEN MAY 1 AND AUG 15; IF NOT, ADD 40 LB/ACRE RYE GRAIN

MULCH - THE MULCH APPLICATION RATE SHALL BE 3 TONS PER ACRE

ACCOMP ASPHALT COATED CMP	CB CATCH BASIN	EA EACH	HDPE HIGH DENSITY POLYETHYLENE	NITC NOT IN THIS CONTRACT	S SLOPE	WG WATER GATE
AC ASBESTOS CEMENT PIPE	CEN CENTER	EGW EXISTING GROUND OR GRADE	HWW HORIZONTAL GAS WELL	NTS NOT TO SCALE	SCH SCHEDULE	W WITH
ACR ACRE	CEM CEMENT LINED	ELEC ELECTRIC	HRZ HORIZONTAL	N/F NOW OR FORMERLY	SF SQUARE FEET	WO WITHOUT
AGG AGGREGATE	CMP CORRUGATED METAL PIPE	EL ELEVATION	HP HORSEPOWER	NO OR # NUMBER	SHT SHEET	
ALUM ALUMINUM	CO CLEAN OUT	ELB ELBOW	HYD HYDRANT		SMH SANITARY MANHOLE	YD YARD
APFD APPROVED	CF CUBIC FEET	EOP EDGE OF PAVEMENT			ST STREET	
APPROX APPROXIMATE	CFS CUBIC FEET PER SECOND	EQUIP EQUIPMENT			STA STATION	
ARMH AIR RELEASE MANHOLE	CI CAST IRON	EST ESTIMATED	ID INSIDE DIAMETER	OC ON CENTER	SY SQUARE YARD	
ASB ASBESTOS	CL CLASS	EXC EXCAVATED	IN IN OR "	OD OUTSIDE DIAMETER		
ASP ASPHALT	CONC CONCRETE	EXIST EXISTING	INV INVERT			
AUTO AUTOMATIC	CONSTR CONSTRUCTION		INV EL INVERT ELEVATION	PC POINT OF CURVE	TAN TANGENT	
AUX AUXILIARY	CONTR CONTRACTOR	FG FINISH GRADE	LB POUND	PD PERIMETER DRAIN	TDH TOTAL DYNAMIC HEAD	
AVE AVENUE	CURB STOP	FBRGL FIBERGLASS	LC LEACHATE COLLECTION	PI POINT OF INTERSECTION	TEMP TEMPORARY	
AZ AZIMUTH	CTR CENTER	FDN FOUNDATION	LD LEAK DETECTION	PT POINT OF TANGENT	TYP TYPICAL	
	CU COPPER	FLEX FLEXIBLE	LF LINEAR FEET	PERF PERFORATED	UD UNDERDRAIN	
	CY CUBIC YARD	FLG FLANGE	LOC LOCATION	PP POWER POLE	V VOLTS	
BCCMP BITUMINOUS COATED CMP		FLR FLOOR	LOCN LEACHATE TRANSPORT	PSI POUNDS PER SQUARE INCH	VA TEE VALVE ANCHORING TEE	
BM BENCH MARK	D DEGREE OF CURVE	FPS FEET PER SECOND	MH MANHOLE	PVC POLYVINYL CHLORIDE	VERT VERTICAL	
BIT BITUMINOUS	DBL DOUBLE	FT OR FEET	MJ MECHANICAL JOINT	PVMT PAVEMENT		
BLD BUILDING	DEG OR DEGREE	FTG FOOTING	MATL MATERIAL	QTY QUANTITY		
BOT BOTTOM	DEPT DEPARTMENT		MAX MAXIMUM	RCP REINFORCED CONCRETE PIPE		
BRG BEARING	DI DUCTILE IRON	GA GAUGE	MFR MANUFACTURE	ROW RIGHT OF WAY		
BV BALL VALVE	DIA OR DIAMETER	GALV GALVANIZED	MIN MINIMUM	RAD RADIUS		
	DIM DIMENSION	GC GAS COLLECTION PIPE	MISC MISCELLANEOUS	REQD REQUIRED		
	DIST DISTANCE	GCL GEOSYNTHETIC CLAY LINER	MON MONUMENT	RT RIGHT		
	DN DOWN	GP GAS PROBE		RTE ROUTE		
	DR DRAIN	GPD GALLONS PER DAY				
	DWG DRAWING	GPM GALLONS PER MINUTE				
		GT GAS TRANSMISSION LINE				
		GV GAS VENT				

	BLUE RIDGE PAPER PRODUCTS INC. - CANTON MILL, CANTON, NORTH CAROLINA LANDFILL NO. 6 ROADWAY IMPROVEMENTS				
<b>SYMBOLS &amp; ABBREVIATIONS</b>					
<b>SME</b> Sevee & Maher Engineers, Inc. ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE 4 Blanchard Road, PO Box 85A, Cumberland Center, Maine 04021 Phone 207.829.5016 • Fax 207.829.5692 • www.smeinc.com			DESIGN BY: HME DRAWN BY: SJM DATE: 9/16/09 CHECKED BY: LMN: CTB: SYMSHT		
JOB NO. 09115			DWG FILE 6A-ROAD-SYMSHT		C-100

NOTES:

- MAPPING FOR LANDFILL AREA COMPILED USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY DATED MARCH 5, 2008 AND JULY 14, 2009 BY GEODATA CORP, ZEBULON, NORTH CAROLINA.
- LOCATIONS OF OBJECTS SHOWN AND CONTOURS ARE APPROXIMATE. SITE CONDITIONS HAVE CHANGED SINCE THE COMPILATION OF THIS MAP AND STANDARD PRACTICE DICTATES THAT PLANS COMPILED IN THIS MANNER SHOULD BE FIELD VERIFIED, AS THE DESIGN MAY REQUIRE FIELD ADJUSTMENT FOR CONSTRUCTION.
- GRID IS BASED ON NORTH CAROLINA STATE PLANE COORDINATE SYSTEM BASED ON NAGS (1983).
- VERTICAL DATUM BASED ON NGVD (1929).
- PROPERTY LINE DIGITIZED FROM LAW ENGINEERING DRAWING DATED JANUARY 14, 1984.
- EXISTING GRADE CONTOUR INTERVAL IS 2 FT.
- CONTROL POINTS HAVE BEEN ESTABLISHED BY LATTIMORE AND PEELER SURVEYORS, LAWDALE, NORTH CAROLINA.

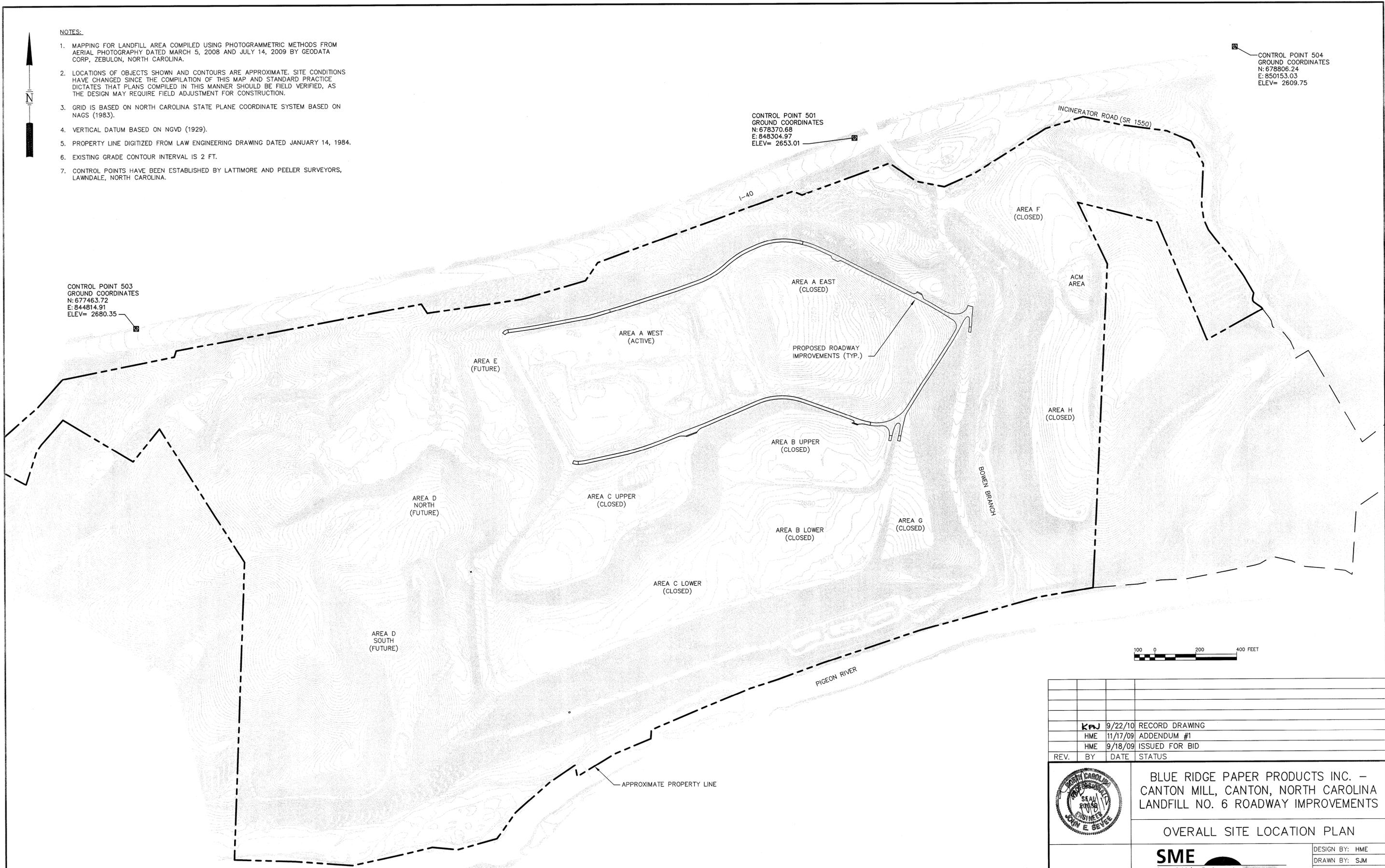


CONTROL POINT 504  
GROUND COORDINATES  
N: 67806.24  
E: 850153.03  
ELEV= 2609.75

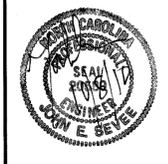
CONTROL POINT 501  
GROUND COORDINATES  
N: 678370.68  
E: 848304.97  
ELEV= 2653.01

CONTROL POINT 503  
GROUND COORDINATES  
N: 677463.72  
E: 844814.91  
ELEV= 2680.35

CONTROL POINT 505  
GROUND COORDINATES  
N: 674614.88  
E: 845987.99  
ELEV= 2559.59



REV.	BY	DATE	STATUS
	KRJ	9/22/10	RECORD DRAWING
	HME	11/17/09	ADDENDUM #1
	HME	9/18/09	ISSUED FOR BID



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OVERALL SITE LOCATION PLAN

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DESIGN BY: HME  
DRAWN BY: SJM  
DATE: 9/21/10  
CHECKED BY: [Signature]  
LMN: OVERALLSITE  
CTB: SME-STD

SEE LANDFILL NO. 6 ROADWAY IMPROVEMENTS DRAWING C-103



CENTERLINE LINE AND CURVE TABLES

LINE	BEARING	DISTANCE
L1	S 23°03'20" W	31.43'
L2	N 58°05'41" W	32.03'
L3	N 58°05'41" W	48.72'
L4	N 63°08'12" W	415.83'
L5	N 65°22'33" W	69.90'

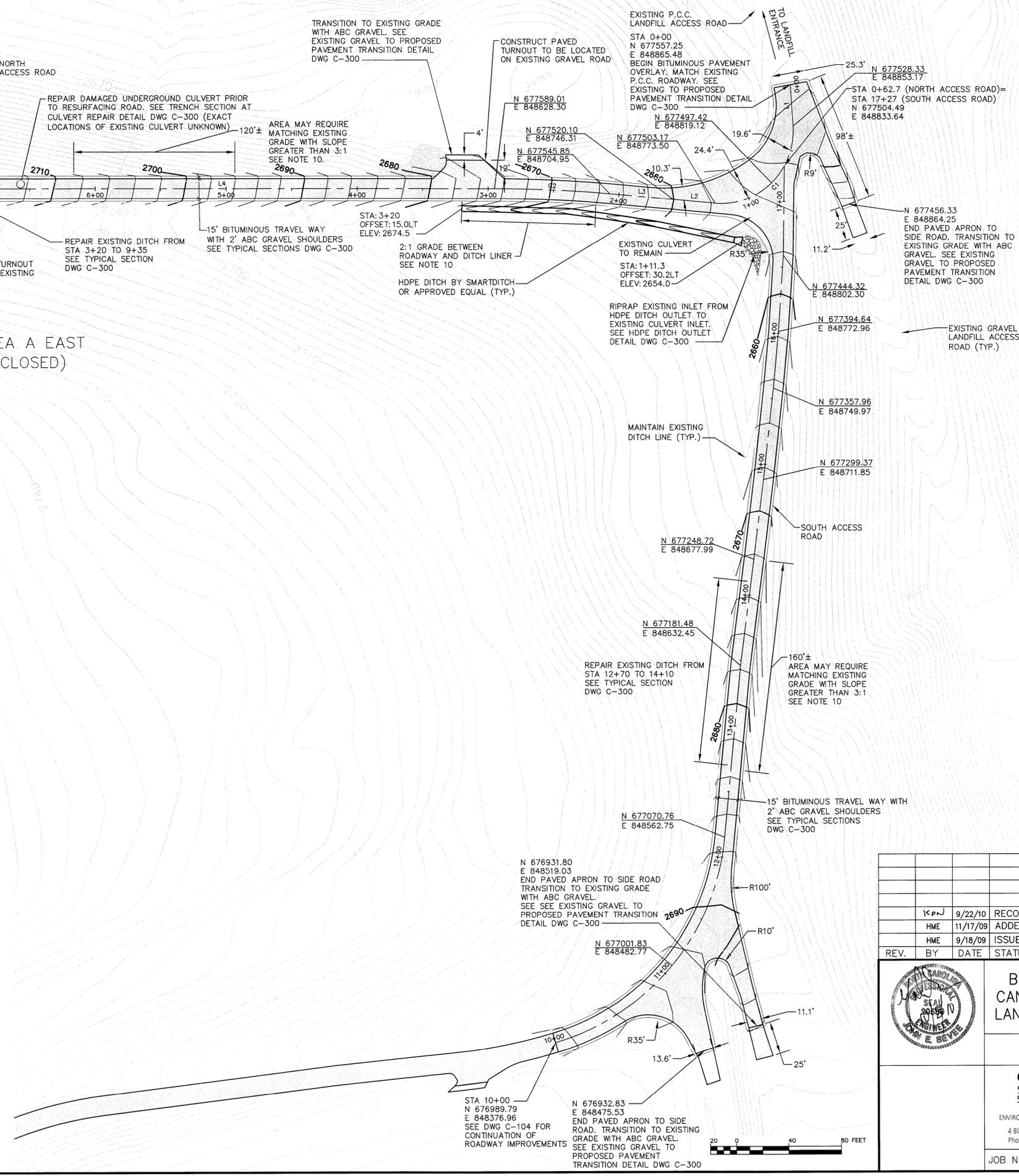
CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	55.00'	94.89'	83.55'	N 72°28'49" E	98°50'59"
C2	1000.00'	88.00'	87.97'	N 60°36'57" W	5°02'31"
C3	2000.00'	78.16'	78.15'	N 64°15'23" W	2°14'21"



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- EXISTING GRADE CONTOUR INTERVAL IS 2 FT.
- PROPOSED CONTOURS REPRESENT FINAL ROADWAY ELEVATIONS.
- CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS BEYOND LIMITS OF GRAVEL SHOULDER WITH 4" TOPSOIL SEED AND MULCH PER SPECIFICATION 02480-SEEDING.
- AREAS RECEIVING TOPSOIL SHALL BE SEED & MULCHED WITHIN 3 DAYS PLACEMENT ELSE ADDITIONAL EROSION CONTROL MEASURES WILL BE REQUIRED BY THE CONTRACTOR AND MUST BE APPROVED BY THE OWNERS REPRESENTATIVE.
- SLOPES GREATER THAN 3:1 SHALL RECEIVE NAG SC150BN EROSION CONTROL MATTING.

AREA A EAST  
(CLOSED)



REV.	BY	DATE	STATUS
KPN	9/22/10		RECORD DRAWING
HME	11/17/09		ADDENDUM #1
HME	9/18/09		ISSUED FOR BID



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LAYOUT & GRADING PLAN

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LMN: LAYOUT  
CTB: SME-STD





