EXISTING OVERHEAD	OVERHEAD TO BE REMOVED	PROPOSED OVERHEAD	TYPE OF UTILITY
E	E	E	ELECTRIC
E-T	E-T	E-T	ELECTRIC/TELECOMMUNICATIONS
E-TV	E-TV	E-TV	ELECTRIC/CABLE TV
E-TC	E-TC	E-TC	ELECTRIC/TRAFFIC CONTROL
E-T-TV	E-T-TV	E-T-TV	ELECTRIC/TELECOMMUNICATIONS/CABLE TV
E-T-TV-TC	E-T-TV-TC	E-T-TV-TC	ELECTRIC/TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
E-TV-TC	E-TV-TC	E-TV-TC	ELECTRIC/CABLE TV/TRAFFIC CONTROL
E-T-TC	E-T-TC	E-T-TC	ELECTRIC/TELECOMMUNICATIONS/TRAFFIC CONTROL
GW	GW	GW	GUY WIRE
T	T	T	TELECOMMUNICATIONS
T-TC	T-TC	T-TC	TELECOMMUNICATIONS/TRAFFIC CONTROL
T-TV-TC	T-TV-TC	T-TV-TC	TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
T-TV	T-TV	T-TV	TELECOMUNICATIONS/CABLE TV
TV	TV	TV	CABLE TV
TV-TC	TV-TC	TV-TC	CABLE TV/TRAFFIC CONTROL
TC	TC	TC	TRAFFIC CONTROL

EXISTING UNDERGROUND	UNDERGROUND TO BE REMOVED	PROPOSED UNDERGROUND	TYPE OF UTILITY
E	E	E	ELECTRIC (QL-D)
E(C)	E(C)		ELECTRIC (QL-C)
E(B)	E(B)		ELECTRIC (QL-B)
T	T	T	TELECOMMUNICATIONS (QL-D)
T(C)	T(C)		TELECOMMUNICATIONS (QL-C)
T(B)	T(B)		TELECOMMUNICATIONS (QL-B)
TV	TV	TV	CABLE TV (QL-D)
TV(C)	TV(C)		CABLE TV (QL-C)
TV(B)	TV(B)		CABLE TV (QL-B)
W	W	W	WATER (QL-D)
W(C)	W(C)		WATER (QL-C)
W(B)	W(B)		WATER (QL-B)
**W	**W	**W	WATER FOR LABELED PIPE SIZES (QL-D)
**W(C)	**W(C)		WATER FOR LABELED PIPE SIZES (QL-C)
**W(B)	**W(B)		WATER FOR LABELED PIPE SIZES (QL-B)
NW	NW	NW	NON-POTABLE WATER (QL-D)
NW(C)	NW(C)		NON-POTABLE WATER (QL-C)
NW(B)	NW(B)		NON-POTABLE WATER (QL-B)
**NW	**NW	**NW	NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-D)
**NW(C)	**NW(C)		NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-C)
**NW(B)	**NW(B)		NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-B)
STM	STM	STM	STEAM (QL-D)
STM(C)	STM(C)		STEAM (QL-C)
STM(B)	STM(B)		STEAM (QL-B)
**STM	**STM	**STM	STEAM FOR LABELED PIPE SIZES (QL-D)
**STM(C)	**STM(C)		STEAM FOR LABELED PIPE SIZES (QL-C)
**STM(B)	**STM(B)		STEAM FOR LABELED PIPE SIZES (QL-B)
SS	SS	SS	SANITARY SEWER WITH FLOW DIRECTION (QL-D)
SS(C)	SS(C)		SANITARY SEWER WITH FLOW DIRECTION (QL-C)
SS(B)	SS(B)		SANITARY SEWER WITH FLOW DIRECTION (QL-B)
Σ**SS	Σ**SS	Σ**SS	SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-D)
Σ**SS(C)	Σ**SS(C)		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-C)
Σ**SS(B)	Σ**SS(B)		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-B)
SFM	SFM	SFM	SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-D)
SFM(C)	SFM(C)		SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-C)
SFM(B)	SFM(B)		SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-B)
G	G	G	GAS (QL-D)
G(C)	G(C)		GAS (QL-C)
G(B)	G(B)		GAS (QL-B)
**G	**G	**G	GAS FOR LABELED PIPE SIZES (QL-D)
**G(C)	**G(C)		GAS FOR LABELED PIPE SIZES (QL-C)
**G(B)	**G(B)		GAS FOR LABELED PIPE SIZES (QL-B)
P	P	P	PETROLEUM (QL-D)
P(C)	P(C)		PETROLEUM (QL-C)
P(B)	P(B)		PETROLEUM (QL-B)
**P	**P	**P	PETROLEUM FOR LABELED PIPE SIZES (QL-D)
**P(C)	**P(C)		PETROLEUM FOR LABELED PIPE SIZES (QL-C)
**P(B)	**P(B)		PETROLEUM FOR LABELED PIPE SIZES (QL-B)
TC	TC	TC	TRAFFIC CONTROL (QL-D)
TC(C)	TC(C)		TRAFFIC CONTROL (QL-C)
TC(B)	TC(B)		TRAFFIC CONTROL (QL-B)
LINK(B)	LINK(B)		UNKNOWN UTILITY FOUND IN SUE INVESTIGATION (QL-B)

UTILITY LEGEND

UTILITY CELLS

EXISTING	PROPOSED	TEMPORARY		EXISTING	PROPOSED	TEMPORARY	
E	E	E	ELECTRIC MANHOLE	W	W	W	WELL
H	H	H	HAND HOLE	W	W	W	WATER VAULT
E	E	E	TRANSFORMER	W	W	W	WATER VALVE MARKER
E	E	E	ELECTRIC METER				STAND PIPE
			UTILITY POLE/GUY POLE				CLEANOUT
			LIGHT POLE	SS	SS	SS	SANITARY SEWER MANHOLE
			GUY ANCHOR	ARV	ARV	ARV	AIR RELEASE VALVE
E	E	E	ELECTRIC BOX	GT	GT	GT	GREASE TRAP
			MARKER	S	S	S	SANITARY SEWER FORCE MAIN VALVE
T	T	T	TELECOMMUNICATIONS MANHOLE				VENT
T	T	T	TELECOMMUNICATIONS PEDESTAL	G	G	G	GAS VALVE
X	X	X	SPLICE BOX	G	G	G	GAS METER
SLC	SLC	SLC	SUBCRIBER LOOP CARRIER (aka "SLICK")	G	G	G	GAS MANHOLE
			CABINET	GPR	GPR	GPR	GAS PRESSURE REGULATOR
J	J	J	PHONE BOOTH	G	G	G	GAS VAULT
			CABLE TV PEDESTAL	GTS	GTS	GTS	GAS TEST STATION
TV	TV	TV	CABLE TV MANHOLE	P	P	P	PETROLEUM VALVE
W	W	W	WATER VALVE				
W	W	W	WATER METER				
W	W	W	WATER MANHOLE				
			FIRE HYDRANT ASSEMBLY (INCLUDES ASSOCIATED VALVE)				
BFP	BFP	BFP	BACKFLOW PREVENTER				
PIV	PIV	PIV	PRESSURE INDICATOR VALVE				
ARV	ARV	ARV	AIR RELEASE VALVE				

MISC.

LOS	LIMITS OF OVERHEAD AND SUBSURFACE UTILITY INVESTIGATION
TH	TEST HOLE (QL-A ONLY)
EOI	END OF INFORMATION
	QUALITY LEVEL (QL) DELINEATION
123	POLE ID
A01	SANITARY SEWER MANHOLE (SSMH) ID
	END OF UTILITY

MANHOLE = LENGTH x WIDTH x HEIGHT

PR	TELEPHONE PAIR SIZE
UNK	UNKNOWN SIZE/TYPE
MTD	MULTIPLE TILE DUCT
MCD	MULTIPLE CONCRETE DUCT
DIP	DUCTILE IRON PIPE
TRD	TRANSITE (ASBESTOS) DUCT
FOC	FIBER OPTIC CABLE
CIP	CAST IRON PIPE
PVC	POLY VINYL CHLORIDE
STR	FIBER STRAND SIZE
TCP	TERRA COTTA PIPE
ACP	ASBESTOS CONCRETE PIPE

TELEPHONE PAIR SIZE TABLE

TELEPHONE PAIR SIZE	TELEPHONE CABLE DIAMETER
5 - 100	0.50 TO 2.00 IN
101 - 2400	UP TO 3.50 IN

QUALITY LEVELS AND DEFINITIONS

QL-D DEPICTED ACCORDING TO UTILITY RECORD INFORMATION AND IN-FIELD VISUAL INSPECTION. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.

QL-C EXISTING UTILITY STRUCTURES HAVE BEEN FIELD LOCATED AND SURVEYED TO ASSIST IN DEPICTING THE UTILITIES SHOWN ON RECORDS. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.

QL-B INFORMATION WAS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROPRIATE HORIZONTAL POSITION OF THE SUBSURFACE UTILITIES. QL-B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

QL-A OBTAIN PRECISE HORIZONTAL AND VERTICAL POSITION OF THE UTILITY LINE BY EXCAVATING A TEST HOLE. THE TEST HOLE SHALL BE DONE USING VACUUM EXCAVATION OR COMPARABLE NONDESTRUCTIVE EQUIPMENT IN A MANNER AS TO CAUSE NO DAMAGE TO THE UTILITY LINE. AFTER EXCAVATING A TEST HOLE, A FIELD SURVEY SHALL BE PERFORMED TO DETERMINE THE EXACT LOCATION AND POSITION OF THE UTILITY LINE.

GEORGIA REGISTERED NO. 25627 PROFESSIONAL ENGINEER RANDY W. SANBORN

02/15/07

DATED: R.W. Sanborn
Randy W. Sanborn, GA. P.E. No. 25627

PLAN RELEASE			
DRAWN BY	DATE	CHECKED BY	DATE
TLM	12/01/06	ATB	12/06/06
TLM	12/08/06	LB	12/11/06
ATB	12/11/06	RWS	12/11/06
ATB	01/30/07	RWS	02/09/07

TBE PROJECT NUMBER
GA-013-007-01

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NOT TO SCALE

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: UTILITIES, JUN BIRNKAMMER, EIT

UTILITY PLANS

I-85 AT CR 98/
KIA BOULEVARD
P.I. #0008232

DRAWING No. 24-03

COMPLETE PLANS NOT FOR DESIGN BUILD