COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
CHATHAM	CSMSL-0008-001690J		

UTILITY LINECODES

	EXISTING	TO BE REMOVED	PROPOSED	TYPE OF UTILITY
OVERHEAD	-W---E---W---E	-W-X-E---W-X-E	-W---E---W---	ELECTRIC
	-W---E-T---W--	-W---E-X---W--	-W---E-T---W---	ELECTRIC/TELECOMMUNICATIONS
	-W---E-TV---W-	-W---E-W---W-	-W---E-TV---W-	ELECTRIC/CABLE TV
	-W---E-TC---W-	-W---E-X---W-	-W---E-TC---W-	ELECTRIC/TRAFFIC CONTROL
	-W---E-T-TV---	-W-X-E-T-TV-X-	-W---E-T-TV---	ELECTRIC/TELECOMMUNICATIONS/CABLE TV
	-W---E-T-TV-TC--	-W-X-E-T-TV-TC X-	-W---E-T-TV-TC-	ELECTRIC/TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
	-W---E-TV-TC---	-W-X-E-TV-TC-X-	-W---E-TV-TC---	ELECTRIC/CABLE TV/TRAFFIC CONTROL
	-W---E-T-TC---W	-W-X-E-T-TC-X-W	-W---E-T-TC---	ELECTRIC/TELECOMMUNICATIONS/TRAFFIC CONTROL
	-W---GW---W--	-W-X-GW---W-X	-W---GW---W-	GUY WIRE
	-W---T---W---	-W-X-T---W-X-	-W---T---W---	TELECOMMUNICATIONS
	-W---T-TC---W-	-W---T-X-TC---W-	-W---T-TC---W-	TELECOMMUNICATIONS/TRAFFIC CONTROL
	-W---T-TV-TC---	-W-X-T-TV-TC X--	-W---T-TV-TC---	TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
	-W---T-TV---W-	-W---T-W---W-	-W---T-TV---W-	TELECOMUNICATIONS/CABLE TV
	-W---TV---W--	-W-X-TV---W-X	-W---TV---W-	CABLE TV
	-W---TV-TC---W	-W-X-TV-TC-X-W	-W---TV-TC---W	CABLE TV/TRAFFIC CONTROL
	-W---TC---W--	-W-X-TC---W-X	-W---TC---W-	TRAFFIC CONTROL
UNDERGROUND	------E-------	--X--E---X--	---------E---------	ELECTRIC (QL-D)
	-----E(C)------	--X--E(C)--X--		ELECTRIC (QL-C)
	-----E(B)------	--X--E(B)--X--		ELECTRIC (QL-B)
	------T-------	--X--T---X--	---------T---------	TELECOMMUNICATIONS (QL-D)
	-----T(C)------	--X--T(C)--X--		TELECOMMUNICATIONS (QL-C)
	-----T(B)------	--X--T(B)--X--		TELECOMMUNICATIONS (QL-B)
	-----TV-------	--X--TV---X--	---------TV---------	CABLE TV (QL-D)
	-----TV(C)------	--X--TV(C)--X--		CABLE TV (QL-C)
	-----TV(B)------	--X--TV(B)--X--		CABLE TV (QL-B)
	------W-------	--X--W---X--	---------W---------	WATER (QL-D)
	-----W(C)------	--X--W(C)--X--		WATER (QL-C)
	-----W(B)------	--X--W(B)--X--		WATER (QL-B)
	=====**W=====	=X=**W=X=	========**W========	WATER FOR LABELED PIPE SIZES (QL-D)
	=====**W(C)=====	=X=**W(C)=X=		WATER FOR LABELED PIPE SIZES (QL-C)
	=====**W(B)=====	=X=**W(B)=X=		WATER FOR LABELED PIPE SIZES (QL-B)
	-----NW------	--X--NW---X-	---------NW---------	NON-POTABLE WATER (QL-D)
	-----NW(C)-----	--X--NW(C)--X-		NON-POTABLE WATER (QL-C)
	-----NW(B)-----	--X--NW(B)--X-		NON-POTABLE WATER (QL-B)
	=====**NW=====	=X=**NW=X=	========**NW========	NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-D)
	=====**NW(C)=====	=X=**NW(C)=X=		NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-C)
	=====**NW(B)=====	=X=**NW(B)=X=		NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-B)
	-----STM------	--X--STM---X-	---------STM---------	STEAM (QL-D)
	-----STM(C)-----	--X--STM(C)--X-		STEAM (QL-C)
	-----STM(B)-----	--X--STM(B)--X-		STEAM (QL-B)
	=====**STM=====	=X=**STM=X=	========**STM========	STEAM FOR LABELED PIPE SIZES (QL-D)
	=====**STM(C)=====	=X=**STM(C)=X=		STEAM FOR LABELED PIPE SIZES (QL-C)
	=====**STM(B)=====	=X=**STM(B)=X=		STEAM FOR LABELED PIPE SIZES (QL-B)
	-----SS------	--X-->SS---X--	---------SS---------	SANITARY SEWER WITH FLOW DIRECTION (QL-D)
	-----SS(C)-----	--X-->SS(C)--X--		SANITARY SEWER WITH FLOW DIRECTION (QL-C)
	-----SS(B)-----	--X-->SS(B)--X--		SANITARY SEWER WITH FLOW DIRECTION (QL-B)
	=====Σ**SS=====	=X=Σ**SS=X=	========Σ**SS========	SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-D)
	=====Σ**SS(C)=====	=X=Σ**SS(C)=X=		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-C)
	=====Σ**SS(B)=====	=X=Σ**SS(B)=X=		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-B)
	-----SFM------	--X-->SFM---X--	---------SFM---------	SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-D)
	-----SFM(C)-----	--X-->SFM(C)--X--		SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-C)
	-----SFM(B)-----	--X-->SFM(B)--X--		SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-B)
	------G-------	--X--G---X--	---------G---------	GAS (QL-D)
	-----G(C)------	--X--G(C)--X--		GAS (QL-C)
	-----G(B)------	--X--G(B)--X--		GAS (QL-B)
	=====**G=====	=X=**G=X=	========**G========	GAS FOR LABELED PIPE SIZES (QL-D)
	=====**G(C)=====	=X=**G(C)=X=		GAS FOR LABELED PIPE SIZES (QL-C)
	=====**G(B)=====	=X=**G(B)=X=		GAS FOR LABELED PIPE SIZES (QL-B)
	------P-------	--X--P---X--	---------P---------	PETROLEUM (QL-D)
	-----P(C)------	--X--P(C)--X--		PETROLEUM (QL-C)
	-----P(B)------	--X--P(B)--X--		PETROLEUM (QL-B)
	=====**P=====	=X=**P=X=	========**P========	PETROLEUM FOR LABELED PIPE SIZES (QL-D)
	=====**P(C)=====	=X=**P(C)=X=		PETROLEUM FOR LABELED PIPE SIZES (QL-C)
	=====**P(B)=====	=X=**P(B)=X=		PETROLEUM FOR LABELED PIPE SIZES (QL-B)
	------TC------	FOR PROPOSED/TEMPORARY TRAFFIC CONTROL INFORMATION REFER TO TRAFFIC SIGNAL PLANS		TRAFFIC CONTROL (QL-D)
	-------TC(C)-----			TRAFFIC CONTROL (QL-C)
	------TC(B)-----			TRAFFIC CONTROL (QL-B)
	-----UNK(B)-----	--X--UNK(B)-X--		UNKNOWN UTILITY FOUND IN SUE INVESTIGATION (QL-B)

UTILITY SYMBOLS

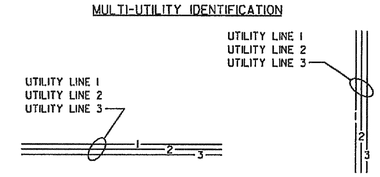
EXISTING	PROPOSED	TEMPORARY	
			UTILITY POLE/GUY POLE
			LIGHT POLE
			GUY ANCHOR
			MARKER
X			SPLICE BOX
			CABINET
			VENT
E			ELECTRIC MANHOLE
H			HAND HOLE
E			TRANSFORMER
E			ELECTRIC METER
E			ELECTRIC BOX
T			TELECOMMUNICATIONS MANHOLE
T			TELECOMMUNICATIONS PEDESTAL
SLC			SUBCRIBER LOOP CARRIER (aka "SLICK")
J			PHONE BOOTH
			CABLE TV PEDESTAL
TV			CABLE TV MANHOLE
W			WATER VALVE
W			WATER METER
W			WATER MANHOLE
			FIRE HYDRANT ASSEMBLY (INCLUDES ASSOCIATED VALVE)
BFP			BACKFLOW PREVENTER
PIV			PRESSURE INDICATOR VALVE
ARV			AIR RELEASE VALVE
W			WELL
W			WATER VAULT
W			WATER VALVE MARKER
			STAND PIPE

EXISTING	PROPOSED	TEMPORARY	
CO			CLEANOUT
SS			SANITARY SEWER MANHOLE
ARV			AIR RELEASE VALVE
GT			GREASE TRAP
S			SANITARY SEWER FORCE MAIN VALVE
G			GAS VALVE
G			GAS METER
G			GAS MANHOLE
GPR			GAS PRESSURE REGULATOR
G			GAS VAULT
GTS			GAS TEST STATION
P			PETROLEUM VALVE
P			PETROLEUM MANHOLE
TC	FOR PROPOSED/TEMPORARY TRAFFIC CONTROL INFORMATION REFER TO TRAFFIC SIGNAL PLANS		TRAFFIC CONTROL MANHOLE/ ELECTRIC COMMUNICATIONS BOX
C			TRAFFIC CONTROL PEDESTRIAN SIGNAL/BUTTON POST

MISCELLANEOUS

——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
C123	CONFLICT LOCATION (UTILITY IMPACT ANALYSIS (UIA) ONLY)
	END OF UTILITY

MULTI-UTILITY IDENTIFICATION



ABBREVIATIONS

MANHOLE = LENGTH × WIDTH × DEPTH

PR	TELEPHONE PAIR SIZE	PVC	POLY VINYL CHLORIDE
UNK	UNKNOWN SIZE/TYPE	STR	FIBER STRAND SIZE
MTD	MULTIPLE TILE DUCT	TCP	TERRA COTTA PIPE
MCD	MULTIPLE CONCRETE DUCT	ACP	ASBESTOS CONCRETE PIPE
DIP	DUCTILE IRON PIPE	VCP	VITRIFIED CLAY PIPE
TRD	TRANSITE (ASBESTOS) DUCT	STD	SINGLE TILE DUCT
FOC	FIBER OPTIC CABLE	SCPD	SINGLE CREOSOTE PINE DUCT
CIP	CAST IRON PIPE	SD	SPLIT DUCT

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.

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

REGISTERED PROFESSIONAL LAND SURVEYOR No. 2468 THOMAS W. HURLEY

12-30-10

CONSULTING PLANS

PLAN RELEASE			
DRAWN BY	DATE	CHECKED BY	DATE
BGC	10/04/10	BC	12/07/10
BGC	12/07/10	TWH	12/08/10
BGC	12/09/10	RC	12/09/10
BGC	12/13/10	RWS	12/12/10

TBE PROJECT NUMBER
GA-095-007-04

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NOT TO SCALE

REVISION DATES

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

UTILITY PLANS
JIMMY DELOACH CONNECTOR

P. I. NO. 0008690

DRAWING No. 24-OC