RELEASED FOR CONSTRUCTION 11/04/09

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)
••"SS	••"SS	••"SS	SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-D)
••"SS(C)	••"SS(C)		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-C)
••"SS(B)	••"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)
UNK(B)	UNK(B)		UNKNOWN UTILITY FOUND IN SUE INVESTIGATION (QL-B)

UTILITY LEGEND

UTILITY CELLS

EXISTING	PROPOSED	TEMPORARY	
E	E	E	ELECTRIC MANHOLE
H	H	H	HAND HOLE
E	E	E	TRANSFORMER
E	E	E	ELECTRIC METER
			UTILITY POLE/GUY POLE
			LIGHT POLE
			GUY ANCHOR
E	E	E	ELECTRIC BOX
M	M	M	MARKER
T	T	T	TELECOMMUNICATIONS MANHOLE
T	T	T	TELECOMMUNICATIONS PEDESTAL
X	X	X	SPLICE BOX
SLC	SLC	SLC	SUBCRIBER LOOP CARRIER (aka "SLICK")
			CABINET
			PHONE BOOTH
			CABLE TV PEDESTAL
TV	TV	TV	CABLE TV MANHOLE
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

EXISTING	PROPOSED	TEMPORARY	
W	W	W	WELL
W	W	W	WATER VAULT
W	W	W	WATER VALVE MARKER
			STAND PIPE
			CLEANOUT
SS	SS	SS	SANITARY SEWER MANHOLE
ARV	ARV	ARV	AIR RELEASE VALVE
GT	GT	GT	GREASE TRAP
S	S	S	SANITARY SEWER FORCE MAIN VALVE
			VENT
G	G	G	GAS VALVE
G	G	G	GAS METER
G	G	G	GAS MANHOLE
GPR	GPR	GPR	GAS PRESSURE REGULATOR
G	G	G	GAS VAULT
GTS	GTS	GTS	GAS TEST STATION
P	P	P	PETROLEUM VALVE

MISC.

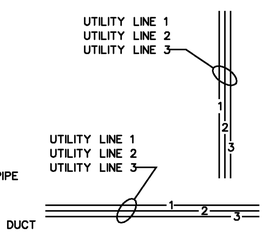
LOS	LIMITS OF OVERHEAD AND SUBSURFACE UTILITY INVESTIGATION
TH	TEST HOLE
EOI	END OF INFORMATION
	QUALITY LEVEL (QL) DELINEATION
123	POLE ID
A01	SANITARY SEWER MANHOLE (SSMH) ID
	END OF UTILITY

MANHOLE - LENGTH x WIDTH x DEPTH

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
VCP	VITRIFIED CLAY PIPE
STD	SINGLE TILE DUCT
SCPD	SINGLE CREOSOTE PINE DUCT
SD	SPLIT DUCT

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

MULTI-UTILITY IDENTIFICATION



QUALITY LEVELS AND DEFINITIONS PER ASCE STANDARD NO. CI/ASCE 38-02 AS ADOPTED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION

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.

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY

UTILITY PLANS
LEGEND

DRAWING No. 24-0B