DATE:$$$ / $USER$	TIME:$$$	$PRFB$ / $$PENTABLE$$	DGN	RELEASED FOR CONSTRUCTION APRIL 29, 2016	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
					CHATHAM	P. I. 0012722		

EXISTING OVERHEAD	OVERHEAD TO BE REMOVED	PROPOSED OVERHEAD	TYPE OF UTILITY
		E	ELECTRIC
		E-T	ELECTRIC/TELECOMMUNICATIONS
		E-TV	ELECTRIC/CABLE TV
		E-TC	ELECTRIC/TRAFFIC CONTROL
		E-T-TV	ELECTRIC/TELECOMMUNICATIONS/CABLE TV
		E-T-TV-TC	ELECTRIC/TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
		E-TV-TC	ELECTRIC/CABLE TV/TRAFFIC CONTROL
		E-T-TC	ELECTRIC/TELECOMMUNICATIONS/TRAFFIC CONTROL
		GW	GUY WIRE
		T	TELECOMMUNICATIONS
		T-TC	TELECOMMUNICATIONS/TRAFFIC CONTROL
		T-TV-TC	TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
		T-TV	TELECOMMUNICATIONS/CABLE TV
		TV	CABLE TV
		TV-TC	CABLE TV/TRAFFIC CONTROL
			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)
X**"SS	X**"SS	X**"SS	SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-D)
X**"SS(C)	X**"SS(C)		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-C)
X**"SS(B)	X**"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		EXISTING	PROPOSED	TEMPORARY	
E	E	E	ELECTRIC MANHOLE		W	W	WELL
H	H	H	HAND HOLE	W	W	W	WATER VAULT
E	E	E	TRANSFORMER		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
M	M	M	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
			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

12-3 — POLE ID

MH — SANITARY SEWER MANHOLE (SSMH) ID

QUALITY LEVELS AND DEFINITIONS

QL-D GAS/TELEPHONE/CABLE/POWER INFORMATION IS 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 WATER/SEWER 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

A SUBSURFACE UTILITY ENGINEERING (SUE) INVESTIGATION WAS PERFORMED AND COMPLETED ON 06/29/2015 FOR THIS PROJECT. THE EXISTING WATER AND SEWER FACILITIES SHOWN HEREON WERE INCLUDED IN THIS SUE INVESTIGATION. THE PRESENCE OF THESE UTILITY FACILITIES HAVE BEEN THOROUGHLY INVESTIGATED AND THE METHOD OF DETERMINING THEIR LOCATION IS INDICATED AS SHOWN IN THE PLANS. UTILITIES THAT HAVE BEEN INSTALLED AFTER THE DATE ABOVE HAVE NOT BEEN INCLUDED IN THIS INVESTIGATION AND SHOULD BE CONSIDERED AS FROM RECORD DRAWING ONLY. ALL OTHER EXISTING TOPOGRAPHIC FEATURES DEPICTED HEREON HAVE BEEN REFERENCED FROM A TOPOGRAPHIC / MAPPING SURVEY AND CONTROL PACKAGE PROVIDED BY WOLVERTON & ASSOCIATES.

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL VALVES, METERS, MANHOLES, AND FIRE HYDRANTS AND ADJUSTING TO GRADE.

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PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

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REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE DELIVERY

UTILITY PLANS

I-95 AT SR 21 DIVERGING DIAMOND INTERCHANGE PROJECT

DRAWING No. 24-0000

12/14/2012 GPLN