


CONDUIT SCHEDULE						
Conduit No.	Size	Installation Type	From	To	Length	Cables
1	4"	Direct Bore	Manhole MHT3	New Junction Cabinet JCT3	140	P1
2	4"					P2
3	4"					P6
4	4"					Spare
5	4"	Direct Bore	Manhole MHT3	New Transformer T3	150	S1
6	4"					S1
7	4"					S2
8	4"					Spare
9	4"	Direct Bore	Manhole MHT3	New Junction Box JBCP	130	S7
10	4"					S7
11	4"					S8
12	4"					Spare
13	4"	Direct Bore	New Junction Box JBCP	New Junction Box JBT3	110	S9
14	4"					S9
15	4"					S10
16	4"					Spare
17	4"	Hand Dug	New Junction Box JBCP	New Pedestal E	15	S11
18	4"	Hand Dug	New Junction Box JBCP	835 Front St Service	15	S13
19	4"	Hand Dug	New Junction Box JBCP	833 Front St Service	15	S12
20	1"	Hand Dug	New Pedestal E	Light Services	45	S14
21	1 1/2"	Hand Dug	New Pedestal E	Harborwalk Services	25	S15
22	4"	Hand Dug	New Junction Box JBT3	901 & 903 Front St	25	S16
23	4"					Spare

CABLE SCHEDULE						
Cable No.	Cable Type	Cable Size	Cable Length	From	To	MH / PB
P1	A	3 - 1/0 AWG AL	165	MHT3 (from T2)	JCT3	
P2	A	3 - 1/0 AWG AL	165	MHT3 (from T4)	JCT3	
P3	A	3 - 1/0 AWG AL	25	JCT3	T3-ØA-H1A	
P4	A	3 - 1/0 AWG AL	20	JCT3	T3-ØB-H1A	
P5	A	3 - 1/0 AWG AL	35	JCT3	T3-ØC-H1A	
P6	A	3 - 1/0 AWG AL	165	JCT3	TF	MHT3 PB9
S1	B	2-500 kcmil AL/Ø 2-350 kcmil AL N	170	T3 - 3Ø Secondary	MHT3	
S2	C	2-500 kcmil AL/Leg 1-350 kcmil AL N	170	T3 - 1Ø Secondary	MHT3	
S3	B	2-500 kcmil AL/Ø 2-350 kcmil AL N	145	MHT3	PB9	
S4	C	2-500 kcmil AL/Leg 1-350 kcmil AL N	145	MHT3	PB9	
S5	B	2-500 kcmil AL/Ø 2-350 kcmil AL N	210	MHT3	PB10	
S6	C	2-500 kcmil AL/Leg 1-350 kcmil AL N	210	MHT3	PB10	
S7	B	2-500 kcmil AL/Ø 2-350 kcmil AL N	165	MHT3	JBCP	
S8	C	2-500 kcmil AL/Leg 1-350 kcmil AL N	165	MHT3	JBCP	
S9	B	2-500 kcmil AL/Ø 2-350 kcmil AL N	125	JBCP	JBT3	
S10	C	2-500 kcmil AL/Leg 1-350 kcmil AL N	125	JBCP	JBT3	
S11	C	2-500 kcmil AL/Leg 1-350 kcmil AL N	35	JBCP	PED E	
S12	D	4/0 QPX	75	JBCP	833 Front St	
S13	D	4/0 TPX	55	JBCP	835 Front ST	
S14	E	2-#10 1-#12 G	55	PED E	Lights	
S15	E	2-#10 1-#12 G	85	PED E	Harborwalk	
S16	D	4/0 QPX	35	JBT3	901 & 903 Front St	
S17	D	500 kcmil TPX	65	PB9	829 Front St A-F	

Cable Type	Description																														
A	15 kV underground primary distribution cable. #1/0 AWG aluminum filled strand conductor, 19 strand, 6 x #14 AWG wire copper concentric neutral, 105°C rating, 175 mil EPR insulation, 90 mil low density PE jacket.																														
B	600 volt single conductor secondary UD. Stranded compressed aluminum conductor, XLPE insulation.																														
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C	600 volt single conductor secondary UD. Stranded compressed aluminum conductor, XLPE insulation. Factory color coded red applied along entire length of cables.																														
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E	600 volt single conductor power cable, copper conductor, XLPE insulation, for use in streetlight or outlet services.																														
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Dec 01, 2022, 9:55am X:\Georgetown\Phase 2\E2040\FSD\GAC Schedule Rev 06.dwg Layout: E2040

<p style="text-align: center;">PRELIMINARY NOT TO BE USED FOR CONSTRUCTION</p>		<p style="text-align: center;">REVISION 11/30/22</p>	
<p style="text-align: center;">0 BID ISSUE 12/01/22</p>		<p style="text-align: center;">NO. REVISIONS DATE</p>	
<p>CITY OF GEORGETOWN GEORGETOWN, SC</p> <p>FRONT ST ELECTRIC UPGRADE - PH. 2 CONDUIT AND CABLE SCHEDULE</p>			
		<p>UTILITY TECHNOLOGY ENGINEERS - CONSULTANTS, PLLC P.O. Box 2629 • Asheboro, North Carolina • 27204</p>	
EWN: LMB	DATE: 10/31/22	DWG. NO. E2040	SCALE: NONE
JOB NO. 220901	SHEET NO. 1 OF 1		