


GENERAL NOTES:

1. CONDUIT SIZING BASED ON SUM OF CROSS SECTIONAL AREA OF INDIVIDUAL CONDUCTORS LESS THAN 40% OF INTERNAL CROSS SECTIONAL ARE OF CONDUIT
2. IF THE CABLE AND CONDUIT INSTALLATION WILL INCLUDE BENDS. IT IS RECOMMENDED THAT A CABLE PULLING EVALUATION BE DONE. A LARGER SIZE CONDUIT MAY BE REQUIRED DEPENDING ON THE RESULTS OF THIS EVALUATION.
3. ALL PRIMARY CABLE IS XLP TREE RETARDANT COPPER TAPE SHIELD.
4. SECONDARY CABLES SUPPLIED BY CUSTOMER

CABLE CONFIGURATION							CONDUIT SIZE (IN.)	DOP PART NUMBER
VOLTAGE (V)	CABLE USE TYPE	CABLE CONFIGURATION	NUMBER OF CONDUCTORS (PRIMARY+NEUTRAL)	CABLE SIZE	NEUTRAL SIZE (600V)	PHASE MARKING	SCHEDULE 40	
15,000	PRIMARY	SINGLE	1/C	#1	#2	"A"	4"	19947
15,000	PRIMARY	SINGLE	1/C	#1	#2	"B"	4"	19948
15,000	PRIMARY	SINGLE	1/C	#1	#2	"C"	4"	19949
15,000	PRIMARY	TRIPLEX	3-1/C	#1	#2	"A", "B", "C"	4"	19946
15,000	PRIMARY	QUADRUPLX	3-1/C+1/C	#1	#2	"A", "B", "C"	4"	50396
15,000	PRIMARY	TRIPLEX	3-1/C	2/0	#1	"A", "B", "C"	4"	19955
15,000	PRIMARY	QUADRUPLX	3-1/C+1/C	2/0	#1	"A", "B", "C"	4"	50397
15,000	PRIMARY	TRIPLEX	3-1/C	350 MCM	250 MCM	"A", "B", "C"	5"	19968
15,000	PRIMARY	TRIPLEX	3-1/C	500 MCM	350 MCM	"A", "B", "C"	5"	19970
15,000	PRIMARY	QUADRUPLX	3-1/C+1/C	500 MCM	350 MCM	"A", "B", "C"	5"	19971
15,000	PRIMARY	SINGLE	1/C	750 MCM	500 MCM	"A"	5"	19978
15,000	PRIMARY	SINGLE	1/C	750 MCM	500 MCM	"B"	5"	19979
15,000	PRIMARY	SINGLE	1/C	750 MCM	500 MCM	"C"	5"	19980
15,000	PRIMARY	SINGLE	1/C	1000 MCM	750 MCM	NONE	5"	19971
600	SECONDARY/NEUTRAL	SINGLE	1/C	#2			2"	20096
600	SECONDARY/NEUTRAL	SINGLE	1/C	250 MCM			2"	19962
600	SECONDARY/NEUTRAL	SINGLE	1/C	350 MCM			3"	19966
600	SECONDARY/NEUTRAL	SINGLE	1/C	500 MCM			3"	19969
600	SECONDARY/NEUTRAL	SINGLE	1/C	750 MCM			4"	19976
600	SECONDARY/NEUTRAL	SINGLE	1/C	1000 MCM			4"	19982
600	SECONDARY	UF	2-1/C	#12	NONE	NONE	1"	
600	SECONDARY	DUPLEX	2-1/C	#6	NONE	NONE	1"	20085
600	SECONDARY	TRIPLEX	3-1/C	#2	NONE	NONE	2"	20098
600	SECONDARY	TRIPLEX	3-1/C	1/0	NONE	NONE	2"	19950
600	SECONDARY	SINGLE	1/C	4/0	NONE	NONE	3"	19959
600	SECONDARY	TRIPLEX	2/C+1/C	2/0	#2	NONE	2"	19954
600	SECONDARY	TRIPLEX	2/C+1/C	4/0	2/0	NONE	3"	19960
600	SECONDARY	TRIPLEX	2/C+1/C	350 MCM	4/0	NONE	3"	
600	SECONDARY	QUADRUPLX	3/C+1/C	#2	#2	NONE	2"	19944
600	SECONDARY	QUADRUPLX	3/C+1/C	2/0	#2	NONE	2"	19956
600	SECONDARY	QUADRUPLX	3/C+1/C	4/0	2/0	NONE	3"	19961
600	SECONDARY	QUADRUPLX	3/C+1/C	350 MCM	4/0	NONE	3"	
600	SECONDARY	QUADRUPLX	3/C+1/C	500 MCM	350 MCM	NONE	3"	
600	SECONDARY	QUADRUPLX	3/C+1/C	750 MCM	350 MCM	NONE	4"	
600	SECONDARY	QUADRUPLX	3/C+1/C	1000 MCM	350 MCM	NONE	4"	

REFERENCE ONLY

CITY OF COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER	
PVC CONDUIT SIZING GUIDELINE	
DRAWN BY: AEC	DATE: 01/01/2018
APPROVED: 	TDMIS-1000
SCALE: NONE	