

## DESIGN GUIDE FOR CABLE AND CONDUIT SIZING

### CABLE

#### NON-SHIELDED

<u>Size Conductor</u>	<u>Area of Conductors</u>
14/2	.09
14/3	.10
14/4	.12
14/5	.14
14/7	.17
14/10	.30
14/12	.32
8/3	.32
12/3	.14
16/3	.10
#8 EGC	.08

#### SHIELDED

<u>Size Conductor</u>	<u>Area of Conductors</u>
14/2	.13
14/4	.27
14/7	.33
14/12	.46
19/12 PR.	.31
19/25 PR.	.52
19/50 PR.	1.33
EPDC	.07

### CONDUIT

<u>Size Conduit</u>	<u>Area Conduit</u>	<u>25% Area</u>	<u>40% Area</u>
1"	.79	.19	.32
1.25"	1.23	.30	.43
1.50"	1.77	.44	.71
2"	3.14	.78	1.26
3"	7.07	1.76	2.83
4"	12.57	3.14	5.03
5"	19.63	4.90	7.85
6"	28.27	7.06	11.31