

| TRADE<br>SIZE * | CABLE OUTSIDE DIAMETER |               |               |               |               |               |
|-----------------|------------------------|---------------|---------------|---------------|---------------|---------------|
|                 | mm (in.)               |               |               |               |               |               |
|                 | 4.6<br>(0.18)          | 5.0<br>(0.20) | 6.0<br>(0.24) | 7.0<br>(0.28) | 8.0<br>(0.31) | 9.0<br>(0.35) |
| 1/2*            | 4                      | 3             | 2             | 1             | 1             | 1             |
| 3/4*            | 8                      | 6             | 4             | 3             | 2             | 2             |
| 1               | 13                     | 11            | 7             | 5             | 4             | 4             |
| 1 1/4           | 23                     | 19            | 13            | 9             | 7             | 7             |
| 1 1/2           | 32                     | 25            | 18            | 13            | 10            | 10            |
| 2               | 52                     | 42            | 29            | 21            | 17            | 17            |
| 2 1/2           | 75                     | 60            | 42            | 31            | 25            | 25            |
| 3               | 116                    | 94            | 65            | 48            | 39            | 39            |
| 3 1/2           | 155                    | 125           | 87            | 64            | 52            | 52            |
| 4               | 200                    | 162           | 112           | 82            | 67            | 67            |

\* CPS STANDARD MIN. – 3/4”C

1. CATEGORY 6A APPROXIMATELY SIZED AT 0.285” O.D. VERIFY WITH APPROVED MANUFACTURER PRODUCT.
2. CABLE TABLE 5.7 FROM 2020 BICSI TDMM, 14TH EDITION MANUAL, CH. 5 HORIZONTAL DISTRIBUTION SYSTEMS. INCORPORATES GUIDELINES FROM ANSI/TIA/EIA – 569-B

|                                                                                      |                                     |                                                                                                                                                  |                  |                                |
|--------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------|
|  |                                     | <b>CHICAGO PUBLIC SCHOOLS</b><br><b>CAPITAL IMPROVEMENT PROGRAM</b><br><b>INFORMATION TECHNOLOGY SERVICES</b><br><b>INFRASTRUCTURE STANDARDS</b> |                  |                                |
|                                                                                      |                                     | <b>CABLE CONDUIT</b><br><b>FILL CHART</b>                                                                                                        |                  |                                |
| DESIGNED<br>CPS                                                                      | PROJECT NUMBER<br><br>SCALE<br>NONE |                                                                                                                                                  | DATE<br>06/01/24 | SHEET NO.<br><br><b>ED.003</b> |
| DRAWN<br>CPS                                                                         |                                     |                                                                                                                                                  |                  |                                |
| CHECKED<br>CPS                                                                       |                                     |                                                                                                                                                  |                  |                                |
| APPROVED<br>CPS                                                                      |                                     |                                                                                                                                                  |                  |                                |
| NO.                                                                                  | DATE                                | REVISION                                                                                                                                         | BY               |                                |