

| SURFACE MOUNTED<br>METAL RACEWAY | ANCHOR TYPE                                                                                                                     | SPACING           | WALL                              |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------|
| 4000 SERIES                      | 1/4"Ø TOGGLE BOLTS                                                                                                              | 2-4 FT. C/C MAX   | DRYWALL ½" OR ¾"                  |
| 4000 SERIES                      | 1/4"Ø TOGGLE BOLTS                                                                                                              | 2-4 FT. C/C MAX   | LATH & PLASTER                    |
| 4000 SERIES                      | 3/16"Ø WOOD SCREWS<br>TRUSS HEAD = 1-1/2"                                                                                       | 2-4 FT. C/C       | WOOD STUDS                        |
| 4000 SERIES                      | #8 "GRABBER" PLYWOOD<br>SCREWS, 1½" LONG. (d=.162in)<br>OR<br>EQUIVALENT                                                        | 2-4 FT. C/C       | PLYWOOD ½"                        |
| 4000 SERIES                      | 1/4"Ø "HILTI" SLEEVE ANCHOR<br>EMBED = 1½"<br>OR<br>"HILTI" HIT HY20 WITH 1/4"Ø<br>THREADED ROD, EMBED = 2"<br>OR<br>EQUIVALENT | 1-4 FT. C/C       | CONCRETE BLOCK<br>HOLLOW          |
| 4000 SERIES                      | 1/4"Ø "HILTI" Kwik BOLT II<br>EMBED = 2"<br>OR<br>"HILTI" SLEEVE ANCHOR 1/4Ø<br>EMBED = 1-1/2"<br>OR<br>EQUIVALENT              | 2-4 FT. C/C       | CONCRETE BLOCK<br>SOLID CONCRETED |
| 4000 SERIES                      | "HILTI" HIT HY20 EMBED = 6"<br>3/8"Ø ROD W/ SCREEN<br>OR<br>EQUIVALENT                                                          | 2-4 FT. C/C       | UNREINFORCED<br>MASONRY           |
| 2400 SERIES                      | SAME AS FOR 4000 SERIES                                                                                                         | 2-4 FT. C/C MAX   | SAME AS ABOVE                     |
| 0FR SERIES                       | 1/4"Ø "HILTI" SLEEVE ANCHOR<br>EMBED = 1-1/2"<br>OR<br>EQUIVALENT                                                               | 1.5-2 FT. C/C MAX | FLOOR MOUNTED ONLY                |



CHICAGO PUBLIC SCHOOLS  
CAPITAL IMPROVEMENT PROGRAM  
INFORMATION TECHNOLOGY SERVICES  
INFRASTRUCTURE STANDARDS

TYPICAL MOUNTING REQUIREMENTS  
FOR SURFACE MOUNTED METAL RACEWAY

|                 |                 |                |               |                  |                     |
|-----------------|-----------------|----------------|---------------|------------------|---------------------|
| DESIGNED<br>CPS | DRAWN<br>CPS    | PROJECT NUMBER | SCALE<br>NONE | DATE<br>04/07/20 | SHEET NO.<br>ED.850 |
| CHECKED<br>CPS  | APPROVED<br>CPS |                |               |                  |                     |
| NO.             | DATE            | REVISION       | BY            |                  |                     |