CRL AWS - ALUMINUM WINDSCREEN SYSTEM
TYPICAL AWS - DIFFERENT PLAN CONFIGURATIONS - RECTANGULAR POSTS

AS NOTED

TYPICAL END POST

PST SERIES STANCHION

SOLID CELL GROUT
(NOT PROVIDED BY CRL)

DIM BLOCK WALL
(NOT PROVIDED BY CRL)

CRL AWS 2" x 2 5/8" RECTANGULAR 180° ALUMINUM END POST *

CRL AWS 2" x 2 5/8" RECTANGULAR 90° CORNER ALUMINUM POST *

CRL AWS 2" x 2 5/8" RECTANGULAR 180° ALUMINUM CENTER POST *

CRL AWS 2" x 2 3/8" RECTANGULAR 135° CORNER ALUMINUM POST *

* NOTE: SEE PAGE 4 FOR DETAILS OF EACH POST MOUNTING OPTION

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ASB / AWS

REVISION HISTORY

DRAWING TITLE

DATE

DRAWN BY

SCALE: 6"=1'-0"
CRL AWS - ALUMINUM WINDSCREEN SYSTEM

TYPICAL AWS POST MOUNTING OPTIONS - RECTANGULAR POSTS

1. SCALE: 6"=1'-0"  
   SEE PAGE 6 FOR STANCHION LENGTHS

TYPICAL CORE MOUNT DETAIL FOR CONCRETE SUBSTRATE

1) SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT
   SEE PAGE 6 FOR STANCHION LENGTHS

TYPICAL SURFACE MOUNT DETAIL FOR CONCRETE SUBSTRATE

2) SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT
   SEE PAGE 6 FOR STANCHION LENGTHS

TYPICAL SURFACE MOUNT DETAIL FOR WOOD SUBSTRATE

3) SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT
   SEE PAGE 6 FOR STANCHION LENGTHS

TYPICAL CORE MOUNT DETAIL FOR CMU BLOCK WALL SUBSTRATE

4) SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT
   SEE PAGE 6 FOR STANCHION LENGTHS

TYPICAL SURFACE MOUNT DETAIL FOR WOOD SUBSTRATE

5) SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT
   SEE PAGE 6 FOR STANCHION LENGTHS

TYPICAL SURFACE MOUNT DETAIL FOR WOOD SUBSTRATE

6) SPACING WILL DEPEND ON MOUNTING SUBSTRATE AND REGION OF PROJECT
   SEE PAGE 6 FOR STANCHION LENGTHS

FOR CONCRETE SUBSTRATE

- 1/4" OR 3/8" GLASS
- RECTANGULAR ALUMINUM POST
- CONCRETE SLAB
- 4000 PSI MIN.
- 2 1/2" OR 3"
- PP DRILLED HOLE WITH EXPANSION CEMENT TO SET POST
- RECOMMENDED EMBEDMENT
- SEE PAGE 6 FOR STANCHION LENGTHS

FOR WOOD SUBSTRATE

- 1/4" OR 3/8" GLASS
- RECTANGULAR ALUMINUM POST
- 2X WOOD JOIST
- 6"X8" (NOMINAL) WOOD BLOCKING
- 1/4" X 3" SCREWS AT EACH END (16 MIN.)
- NOT PROVIDED BY CRL

MOISTURE BARRIER
- GASKET

BOLT COVER BUTTONS (4)
- CRL PART # BTN1

3/8" X 4" LONG WEDGE BOLT ANCHOR (4)
- CRL PART # WBA38X4

CONCRETE SLAB

STANCHION WELDED TO 5" X 5" STEEL BASE PLATE
- FOR USE WITH POST HEIGHTS 48" OR SMALLER

STANCHION WELDED TO 6" X 6" STEEL BASE PLATE
- FOR USE WITH POST HEIGHTS 48" OR TALLER

STANCHION WELDED TO 72" LONG GALVANIZED STEEL STANCHION INSIDE POST
- FOR USE WITH POST HEIGHTS 48" OR TALLER

FOR CONCRETE SUBSTRATE

- 1/4" OR 3/8" GLASS
- RECTANGULAR ALUMINUM POST
- CONCRETE SLAB
- 4000 PSI MIN.
- 12" & 30" LONG GALVANIZED STEEL STANCHION INSIDE POST

FOR WOOD SUBSTRATE

- 1/4" OR 3/8" GLASS
- RECTANGULAR ALUMINUM POST
- 2X WOOD JOIST
- 6"X8" (NOMINAL) WOOD BLOCKING
- 1/4" X 3" SCREWS AT EACH END (16 MIN.)
- NOT PROVIDED BY CRL

MOISTURE BARRIER
- GASKET

BOLT COVER BUTTONS (4)
- CRL PART # BTN1

3/8" X 4" LONG WEDGE BOLT ANCHOR (4)
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CONCRETE SLAB

STANCHION WELDED TO 5" X 5" STEEL BASE PLATE
- FOR USE WITH POST HEIGHTS 48" OR SMALLER

STANCHION WELDED TO 6" X 6" STEEL BASE PLATE
- FOR USE WITH POST HEIGHTS 48" OR TALLER

STANCHION WELDED TO 72" LONG GALVANIZED STEEL STANCHION INSIDE POST
- FOR USE WITH POST HEIGHTS 48" OR TALLER

FOR WOOD SUBSTRATE

- 1/4" OR 3/8" GLASS
- RECTANGULAR ALUMINUM POST
- 2X WOOD JOIST
- 6"X8" (NOMINAL) WOOD BLOCKING
- 1/4" X 3" SCREWS AT EACH END (16 MIN.)
- NOT PROVIDED BY CRL

MOISTURE BARRIER
- GASKET

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- CRL PART # WBA38X4

CONCRETE SLAB
CRL AWS - ALUMINUM WINDSCREEN SYSTEM

TYPICAL AWS ATTACHMENTS - WELDED STEEL (GRADE 50) SURFACE MOUNT / CORE MOUNT STANCHIONS FOR RECTANGULAR POSTS