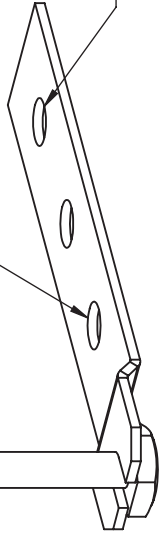


GONDOLA/WALL FLOOR ANCHORING

ANCHORS CAN NOT BE USED IN THIS HOLE WHEN ANCHORING UPRIGHTS.



HOLE SIZE FOR SFA-RD = $\phi .500''$

SFA-RD: SEISMIC FLOOR ANCHOR REGULAR DUTY

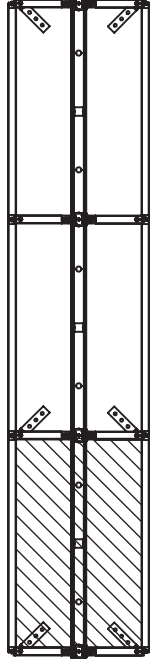
-USED TO PREVENT SKATING.

- USE (1) 3/8 ANCHOR BOLT IN CENTER HOLE, UNLESS SPECIFIED OTHERWISE BY A SEISMIC PROFESSIONAL ENGINEER.

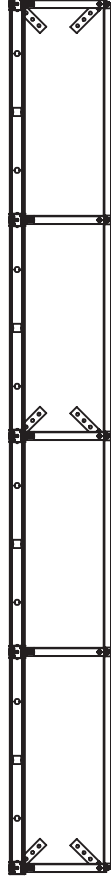
- SUGGESTED LAYOUT OF ANCHORS ARE SHOWN TO THE RIGHT. THESE SUGGESTED LAYOUTS TO NOT SUPERSEDE RECOMMENDATIONS GIVEN BY SEISMIC PROFESSIONAL ENGINEERS.

- FOR ODD NUMBER OF UPRIGHTS, BEGINNING AT EACH END OF A GONDOLA OR WALL FIXTURE RUN, SFA-RD FLOOR ANCHORS ARE TO BE INSTALLED AT ALTERNATE BASE SHOES (BASE SHOES/UPRIGHTS FOR WALL FIXTURES)

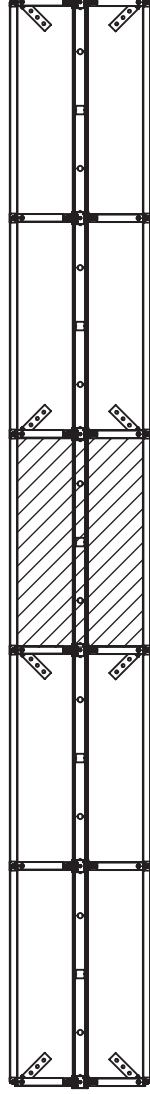
- FOR EVEN NUMBER OF UPRIGHTS, BEGINNING AT EACH END OF GONDOLA OR WALL FIXTURE, SFA-RD FLOOR ANCHORS ARE TO BE INSTALLED AT ALTERNATE BASE SHOES, (BASE SHOE/UPRIGHTS FOR WALL FIXTURES), WITH A REMAINING SINGLE SECTION AT, OR ADJACENT TO, THE MIDDLE OF THE RUN AS INDICATED BY THE SHADED AREA IN EXAMPLES AT RIGHT.



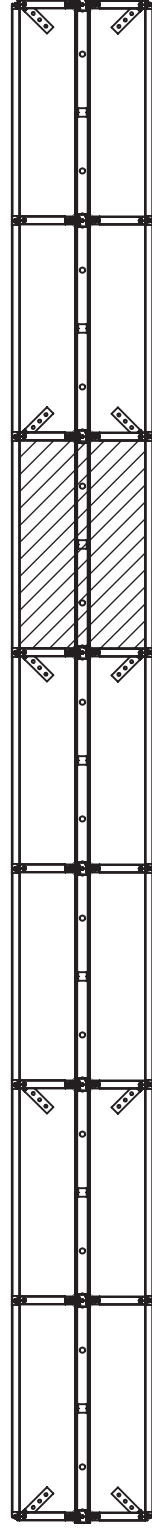
FOUR UPRIGHTS REQUIRE SIX ANCHORS



FIVE UPRIGHTS REQUIRE SIX ANCHORS



SIX UPRIGHTS REQUIRE EIGHT ANCHORS



EIGHT UPRIGHTS REQUIRE TEN ANCHORS

THE NUMBER OF SFA-RD ANCHORS REQUIRED FOR WALL OR GONDOLA RUNS IS THE SAME.

# OF UPRIGHTS	2 OR 3	4 OR 5	6 OR 7	8 OR 9	10 OR 11	12 OR 13	14 OR 15	16 OR 17	18 OR 19	20 OR 21	22 OR 23	24 OR 25
# OF ANCHORS	4	6	8	10	12	14	16	18	20	22	24	26

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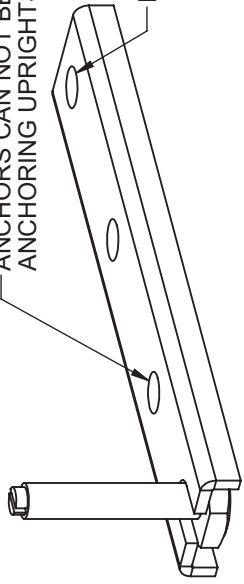
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REV. 05
ECM # 50000018131

GONDOLA/WALL FLOOR ANCHORING

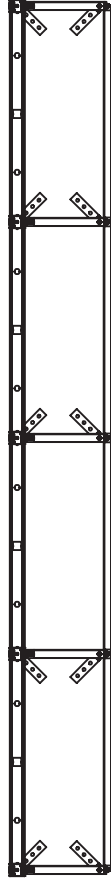
ANCHORS CAN NOT BE USED IN THIS HOLE WHEN ANCHORING UPRIGHTS.



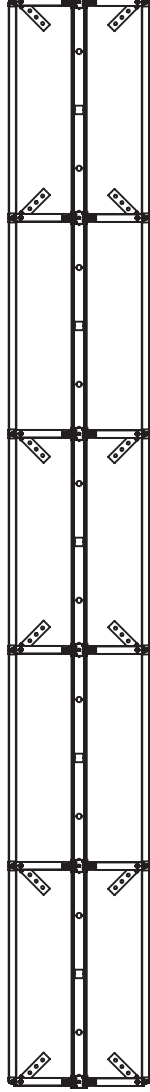
HOLE SIZE FOR SFA-HD = \varnothing .438"

SFA-HD: SEISMIC FLOOR ANCHOR HEAVY DUTY

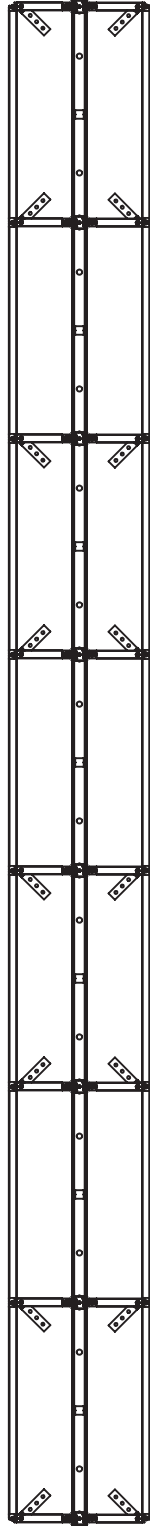
- USED TO PREVENT SKATING AND OVERTURN.
- USE (1) 3/8 ANCHOR BOLT IN CENTER HOLE, UNLESS SPECIFIED OTHERWISE BY A SEISMIC PROFESSIONAL ENGINEER.
- SUGGESTED LAYOUT OF ANCHORS ARE SHOWN TO THE RIGHT. THESE SUGGESTED LAYOUTS TO NOT SUPERSEDE RECOMMENDATIONS GIVEN BY SEISMIC PROFESSIONAL ENGINEERS.
- BEGINNING AT EACH END OF A GONDOLA OR WALL FIXTURE RUN, SFA-HD FLOOR ANCHORS ARE TO BE INSTALLED AT EACH BASE SHOES (BASE SHOES/UPRIGHTS FOR WALL FIXTURES)
- THE NUMBER OF SFA-HD ANCHORS REQUIRED IS EQUAL TO ***TWICE*** THE NUMBER OF UPRIGHTS.



FIVE UPRIGHTS REQUIRE TEN ANCHORS



SIX UPRIGHTS REQUIRE TWELVE ANCHORS



EIGHT UPRIGHTS REQUIRE SIXTEEN ANCHORS

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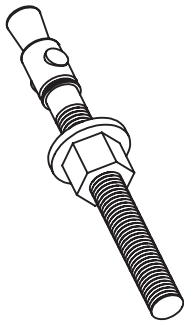
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GONDOLA/WALL FLOOR ANCHORING

BELOW IS A LIST OF ANCHORS THAT CAN BE SUPPLIED BY MADIX. IT IS RECOMMENDED THAT A 3/8"x3.5" ANCHOR IS USED UNLESS SPECIFIED DIFFERENTLY BY A PROFESSIONAL ENGINEER.

ALTERNATE BRANDS CAN BE USED AS LONG AS THEY MEET OR EXCEED THE SPECIFICATIONS OF THE BOLTS NOTED BELOW.

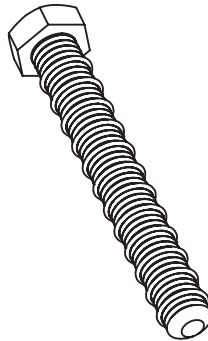


MADIX RECOMMENDED ANCHOR:

SFA-EB-1, SIMPSON STRONG-TIE WEDGE-ALL WEDGE ANCHOR 3/8-16x3.5"

BELOW ANCHORS ARE AVAILABLE TO PURCHASE THROUGH MADIX BUT SHOULD ONLY BE USED IF RECOMMENDED BY A PROFESSIONAL ENGINEER:

ANCWEDGE-142, POWERS WEDGE-BOLT PLUS ANCHOR BOLT 1/4x2" (MAY REQUIRE PROFESSIONAL ENGINEER RECOMMENDED WASHERS)
ANCWEDGE-3825, POWERS WEDGE-BOLT PLUS ANCHOR BOLT 3/8x2.5"
ANCWEDGE-383, POWERS WEDGE-BOLT PLUS ANCHOR BOLT 3/8x3"
ANCWEDGE-384, POWERS WEDGE-BOLT PLUS ANCHOR BOLT 3/8x4"
ANCWEDGE-386, POWERS WEDGE-BOLT PLUS ANCHOR BOLT 3/8x6"
ANCWEDGE-123-50, POWERS WEDGE-BOLT PLUS ANCHOR BOLT 1/2x3" (REQUIRES ANCHOR MODIFICATION)
ANCWEDGE-124-50, POWERS WEDGE-BOLT PLUS ANCHOR BOLT 1/2x4" (REQUIRES ANCHOR MODIFICATION)



BELOW ANCHORS ARE AVAILABLE TO PURCHASE THROUGH MADIX BUT SHOULD ONLY BE USED IF RECOMMENDED BY A PROFESSIONAL ENGINEER:

KB-HUS-EZ1/4x3, KWIK BOLT HILTI HUS-EZ ANCHOR BOLT 1/4x3" (MAY REQUIRE PROFESSIONAL ENGINEER RECOMMENDED WASHERS)



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