



International Residential Code (IRC)

This product may not be suitable for residential building code applications in your area. Do not use this product for residential guard rails unless you have it approved by local authorities. Download and read the engineering report carefully. Engineering reports provide guidance only and complying with them does not necessarily mean your structure will be code compliant. They are based on the specific assembly tested for each report. Some areas do not permit any end post attachment means. Any variation from the assemblies and manner of testing stated in our engineering reports is outside of the scope of the report.

REPORT NO **103643197TOR-005** REPORT NAME **Post Anchor 6x6 & 4x4-6'x42"H Continuous Cap Rail USA**
<https://titanbp.com/resources/engineering-reports-new/>

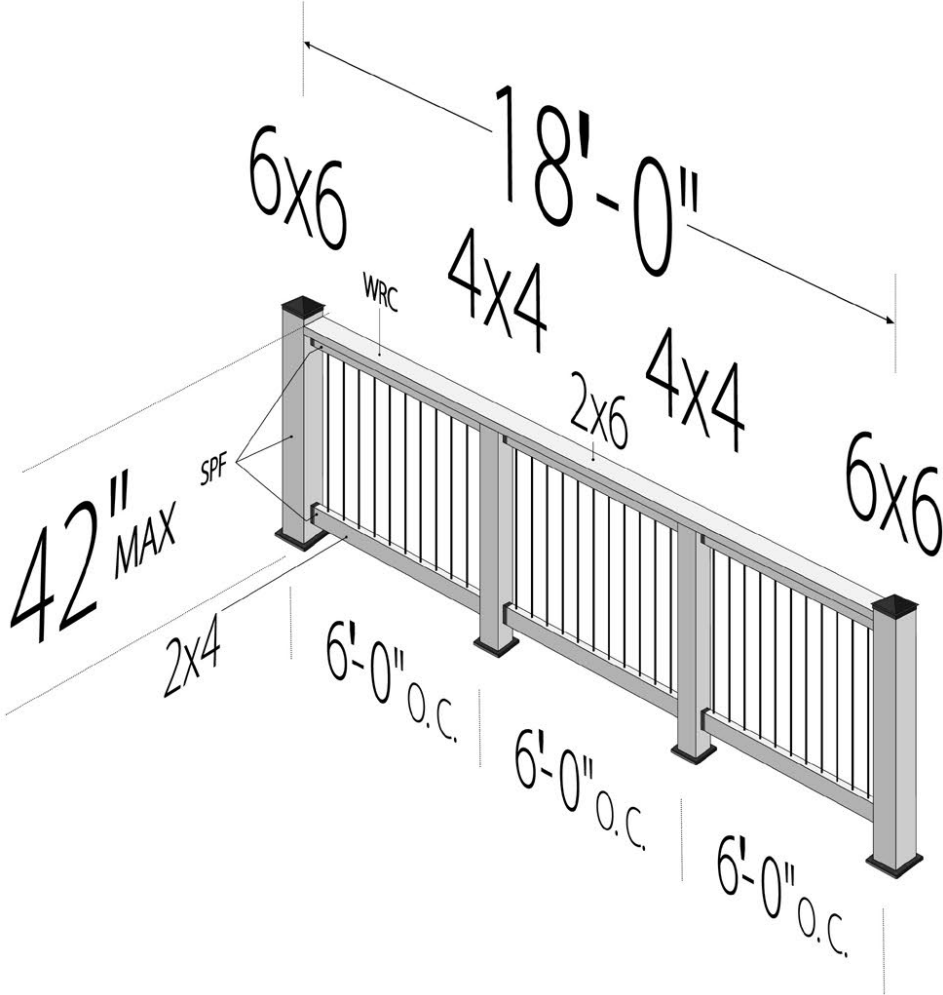
ENGINEERING
REPORTS FOR
APPLICATION
SUITABILITY



AC 273 2017

1.

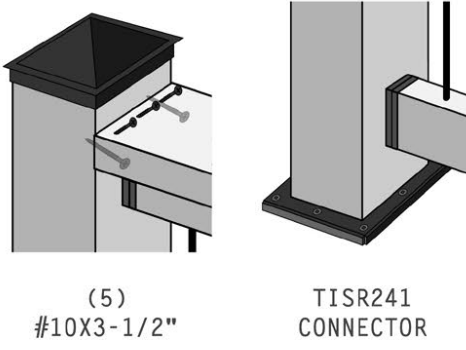
6X6 WITH 4X4, 42" HIGH, 6'-0" O.C.



SPF-SPRUCE / PINE / FIR WRC-WESTERN RED CEDAR

2.

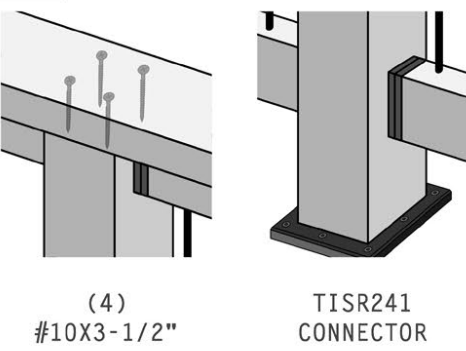
TOP / BOTTOM / END POST TO RAIL



(5) #10X3-1/2" TISR241 CONNECTOR

3.

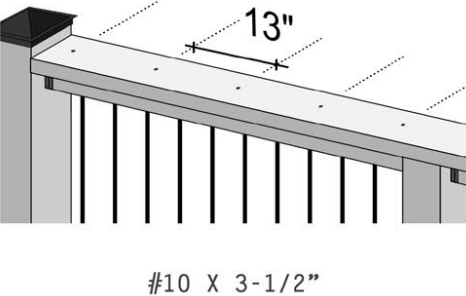
TOP / BOTTOM / LINE POST TO RAIL



(4) #10X3-1/2" TISR241 CONNECTOR

4.

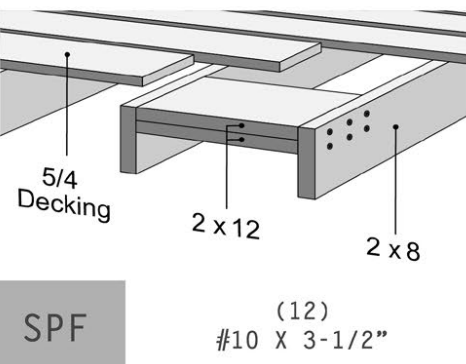
CAP RAIL SCREW PATTERN



#10 X 3-1/2"

5.

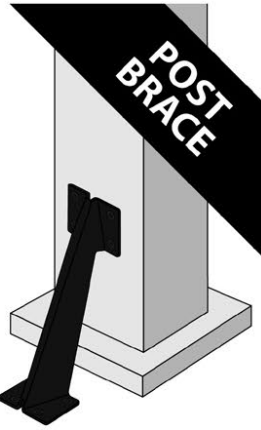
BLOCKING



SPF (12) #10 X 3-1/2"

OPTIONAL

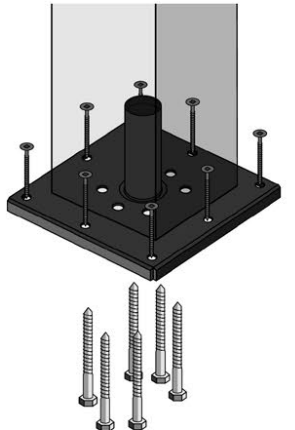
POST BRACE



NOT USED IN TEST BUT AVAILABLE

6.

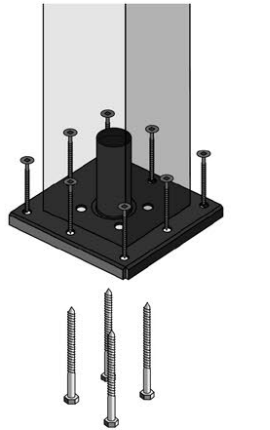
6X6 POST ANCHOR



(8) #14 X 4" (6) 1/2" X 5"

7.

4X4 POST ANCHOR



(8) #14 X 4" (4) 3/8" X 5"



All tests results are based on lab tests. Specific job site conditions should be taken into consideration when building with this product. Because applications and site conditions vary, we assume no liability for use of this information.

REV: 03/27/24

National Building Code of Canada (NBC)

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<https://titanbp.com/resources/engineering-reports-new/>

ENGINEERING
REPORTS FOR
APPLICATION
SUITABILITY



REPORT NO ▶ 103914490TOR-003

REPORT NAME ▶ Post Anchor 4x4 - 6' x 42" H CAN

6X6 WITH 4X4, 42" HIGH, 74-3/8" MAX, O.C.

TOP / POST TO RAIL/ END / LINE

BOTTOM / POST TO RAIL/ END / LINE

CORNER TO CORNER

CAP RAIL SCREW PATTERN

REPORT NO ▶ 100604363TOR-004C

REPORT NAME ▶ Post Anchor 6x6 - 6' X 42" H CAN

6X6, 42" HIGH, 6'-0" O.C.

TOP / BOTTOM / END POST TO RAIL

ENDLESS

CAP RAIL SCREW PATTERN

REPORT NO ▶ 1103645361TOR-003

REPORT NAME ▶ Post Anchor 6x6-4x4 - 6' x 42" H Spliced Cap Rail SPF

6X6 WITH 4X4, 42" HIGH, 74-3/8" MAX, O.C.

TOP / POST TO RAIL/ END / LINE

BOTTOM / POST TO RAIL/ END / LINE

ENDLESS

CAP RAIL SCREW PATTERN

REPORT NO ▶ 100390597TOR-003B

REPORT NAME ▶ Post Anchor 6x6-4x4 - 6' x 42" H Continuous Cap Rail Cedar

6X6 WITH 4X4, 42" HIGH, 74-3/8" MAX, O.C.

TOP / POST TO RAIL/ END / LINE

BOTTOM / POST TO RAIL/ END / LINE

ENDLESS

CAP RAIL SCREW PATTERN

OPTIONAL

Not used in test but available

6X6 POST ANCHOR

4X4 POST ANCHOR

BLOCKING

SPF - Spruce / Pine / Fir



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REV: 03/27/24