



# 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/>

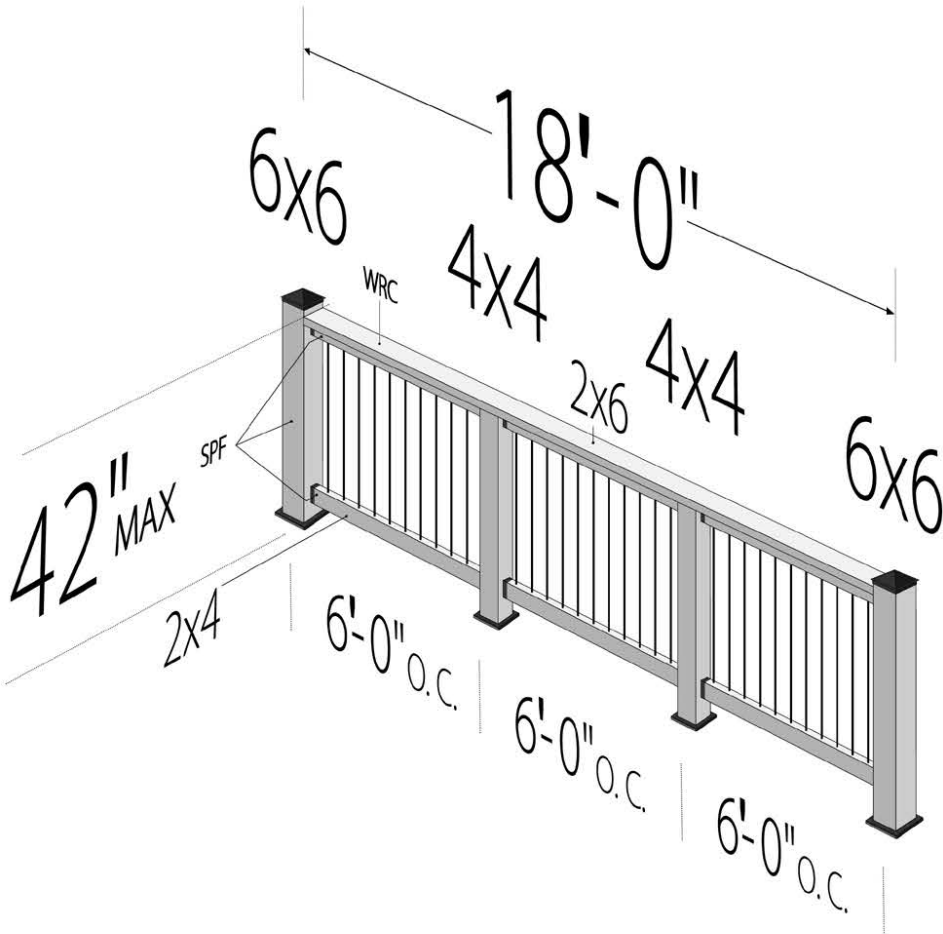
ENGINEERING  
REPORTS FOR  
APPLICATION  
SUITABILITY



AC 273 2017

1.

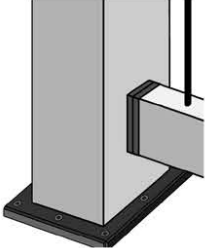

6X6 WITH 4X4, 42" HIGH, 6'-0" O.C.



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

2.

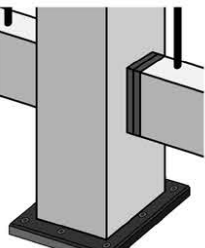
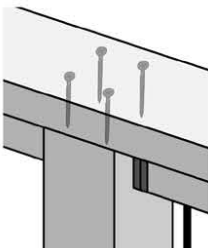
TOP / BOTTOM /  
END POST TO RAIL



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

3.

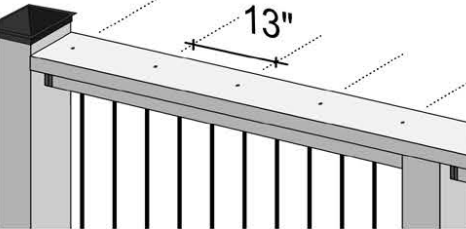
TOP / BOTTOM /  
LINE POST TO RAIL



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

4.

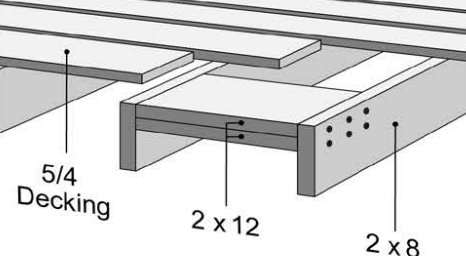
CAP RAIL SCREW  
PATTERN



#10 X 3-1/2"

5.

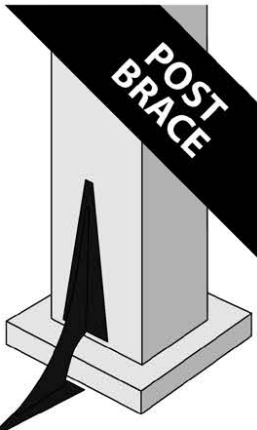
BLOCKING



5/4  
Decking      2 x 12      2 x 8

SPF      (12)  
#10 X 3-1/2"

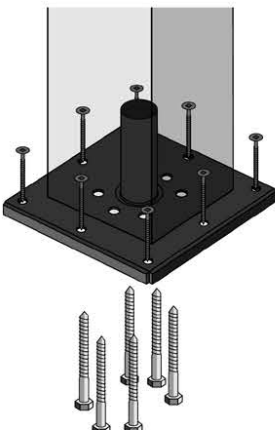
OPTIONAL



NOT USED IN TEST  
BUT AVAILABLE

6.

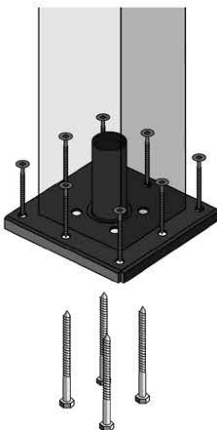
6X6 POST  
ANCHOR



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

7.

4X4 POST  
ANCHOR



(8)      (4)  
#14 X 4"      1/2" 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: 11/29/23