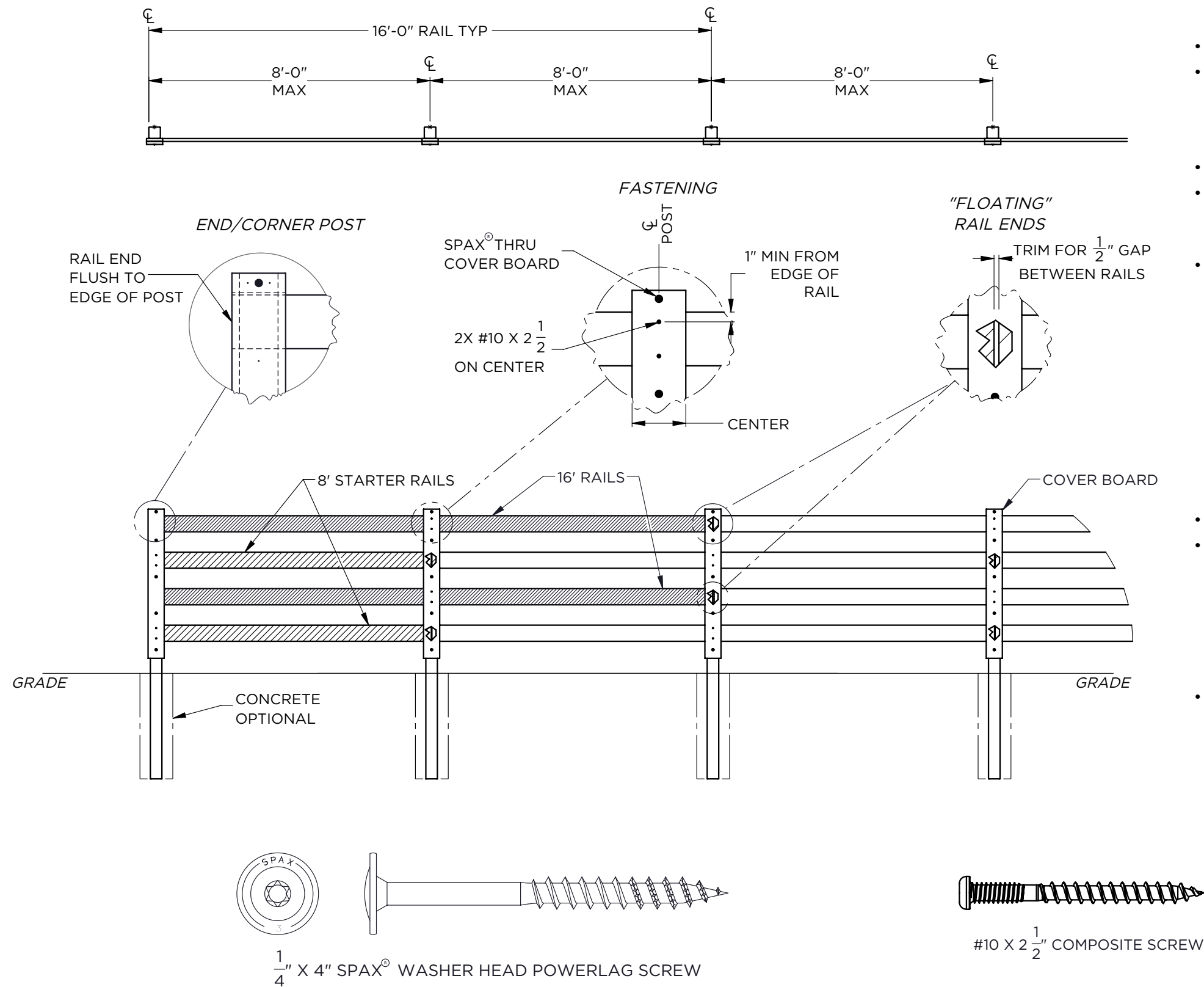


RANCH RAIL INSTALLATION GUIDELINES



- STORE MATERIALS ON FLAT GROUND.
- TAKE TIME TO CAREFULLY PLAN YOUR INSTALLATION. POSTS SHOULD BE INSTALLED AT A MAXIMUM OF 8' ON CENTER. CONSIDER LESS IF THE TERRAIN IS NOT LEVEL OR FOR STIFFER PERFORMANCE WHEN SIDE LOADED.
- INSTALL POSTS AS YOU WOULD WOODEN POSTS.
- INSTALL COVERBOARDS BY FASTENING TO POSTS THROUGH PRE-DRILLED HOLES USING 1/4" X 4" WASHER HEAD POWERLAGS SCREWS, OR EQUAL. SEE EXAMPLE
- STAGGER JOINTS. AT ENDS / CORNERS INSTALL TWO ~8' RAILS AND TWO ~16' RAILS.
 - CUT THE RAIL 1/4" LESS THAN DISTANCE MEASURED BETWEEN FIRST POST EDGE AND CENTER OF SECOND POST.
 - INSTALL RAILS FLUSH WITH OUTSIDE EDGE OF END / CORNER POSTS.
 - PROCEEDING RAILS BETWEEN LINE POSTS: MEASURE POST CENTER-TO-CENTER THEN TRIM RAILS TO ALLOW FOR A 1/2" GAP, END TO END, BETWEEN THE RAILS. I.E. 95" - 1/2" GAP = 94-1/2" SEE DRAWING.
- INSTALL RAILS THROUGH THE SLOTS IN THE COVERBOARDS.
- FASTEN RAIL USING TWO #10 X 2.5" STAINLESS STEEL COMPOSITE DECK SCREWS. SEE EXAMPLE
 - RAILS 8' OR SHORTER ACROSS A SINGLE BAY, FASTEN ONE END ONLY.
 - RAILS 16' ACROSS TWO BAYS, FASTEN AT CENTER POST ONLY.
 - THIS WILL ALLOW ENDS TO EXPAND AND CONTRACT.
- IF THE TERRAIN IS NOT LEVEL OR FENCE LINE ISN'T STRAIGHT OPEN THE SLOTS WITH A SMALL CHAINSAW, AS YOU WOULD WHEN INSTALLING WOODEN SPLIT RAIL FENCE.

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