RECOMMENDATIONS FOR DRILLING THROUGH STAINLESS STEEL STANCHIONS:
1) USE COBALT DRILL BITS, (CARBIDE NOT RECOMMENDED)
2) USE GEL CUTTING OIL
3) START WITH 1/8" AND INCREASE THE HOLE SIZE IN 1/16" INCREMENTS
4) DRILL HOLE IN ONE COMPLETE PASS. START SLOWLY UNTIL REACHING FULL SPEED, WHILE APPLYING CONSISTENT PRESSURE. AVOID STARTING AND STOPPING.

2-3/8" SQUARE POST

SMALL CAP (OPTIONAL)

ATTACHMENT SCREW, REFER TO CHART FOR PART NUMBER (2 PER SIDE, 4 PER POST)

SMALL CAP WASHER, PART #7070 (OPTIONAL)

CORE HOLE, BACKFILL WITH 10,000 PSI NON-SHRINK, NON-METALLIC GROUT

DECK SURFACE

STANCHION EMBEDDED IN CONCRETE, OR WELDED TO STEEL STRUCTURE BELOW SURFACE.

CONCRETE OR STRUCTURE BELOW SURFACE

STANCHION ORIENTATION

DIRECTION OF TOP RAIL

ALL POSTS 'SQUARE' STANCHION PART #7711

ATTACHMENT SCREWS:
#14x1" SS SELF-TAPPING SCREW, PART #7017

STEEL

INTERMEDIATE POSTS

STEEL STANCHION PART #7106

ATTACHMENT SCREWS:
#14x1" SS SELF-TAPPING SCREW, PART #7017 OR 1/4-20 x 3/4" SS MACHINE SCREW, PART #3322

STAINLESS STEEL

INTERMEDIATE POSTS

STAINLESS STEEL STANCHION PART #7109

ATTACHMENT SCREWS:
1/4-20 x 3/4" SS MACHINE SCREW, PART #3322

MIN. 6"

MIN. 4"