1. THE ANCHOR ARRANGEMENT SHOWN ON THIS INSTALLATION DRAWING ALLOWS FOR COMPLETE VARIABILITY OF ARM SIZE & LOCATION OF ARM ON STANCHION.
2. INSTALL EACH DROP-IN ANCHOR AS SHOWN ON THIS DRAWING AND AS DESCRIBED BELOW:
   A. DRILL A 5/8" DIAMETER HOLE 2" DEEP.
   B. BLOW OUT HOLE.
   C. DRIVE ANCHOR FLUSH TO 1/16" BELOW SURFACE OF CONCRETE.
   D. EXPAND ANCHOR WITH FRT-112 SETTING TOOL. ANCHOR IS PROPERLY SET WHEN SHOULDER OF SETTING TOOL IS FLUSH WITH THE TOP OF ANCHOR.
3. INSTALL THE FLAT WASHER AND TIGHTEN THE CAP SCREW JUST ENOUGH TO ATTAIN A SNUG FIT. AVOID HIGH SCREW TORQUE WHICH INDUCES COMPRESSIVE STRESS.
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5. AFTER ASSEMBLING THE ARMS TO THE STANCHION, TAP THE ARM DOWN WITH A LIGHT MALLET BLOW. THE LIGHT MALLET BLOW WILL FULLY SEAT AND LOCK ARM IN PLACE.
6. INSTALL OPTIONAL HDL LOCK BY PLACING THE LOCK ON THE ARM WITH THE LOCKING BARBS UP. PUSH THE LOCK INTO THE RECTANGULAR HOLE IN THE STANCHION. WHEN THE STOP FLANGES ON THE LOCK HIT THE STANCHION, THE LOCK WILL CLICK INTO PLACE. SEE DETAIL No.1 AT LEFT.
7. BE SURE THE SURFACE OF THE CONCRETE WALL IS SMOOTH, FLAT AND PLUMB.
8. INSTALL ONE FASTENER IN EVERY ELONGATED STANCHION HOLE.
   A. DRILL A 5/8" DIAMETER HOLE 2" DEEP.
   B. BLOW OUT HOLE.
   C. DRIVE ANCHOR FLUSH TO 1/16" BELOW SURFACE OF CONCRETE.
   D. EXPAND ANCHOR WITH FRT-112 SETTING TOOL. ANCHOR IS PROPERLY SET WHEN SHOULDER OF SETTING TOOL IS FLUSH WITH THE TOP OF ANCHOR.
9. INSTALL THE FLAT WASHER AND TIGHTEN THE CAP SCREW JUST ENOUGH TO ATTAIN A SNUG FIT. AVOID HIGH SCREW TORQUE WHICH INDUCES COMPRESSIVE STRESS.
10. AFTER ASSEMBLING THE ARMS TO THE STANCHION, TAP THE ARM DOWN WITH A LIGHT MALLET BLOW. THE LIGHT MALLET BLOW WILL FULLY SEAT AND LOCK ARM IN PLACE.
11. INSTALL OPTIONAL HDL LOCK BY PLACING THE LOCK ON THE ARM WITH THE LOCKING BARBS UP. PUSH THE LOCK INTO THE RECTANGULAR HOLE IN THE STANCHION. WHEN THE STOP FLANGES ON THE LOCK HIT THE STANCHION, THE LOCK WILL CLICK INTO PLACE. SEE DETAIL No.1 AT LEFT.

NOTES:
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DETAIL No.1

ADDITIONAL STANCHIONS CAN BE INSTALLED IN TANDEM AS SHOWN BY PHANTOM LINES

CONCRETE

US PATENT 7,140,500
(OTHER US & FOREIGN PATENTS PENDING)