NOTES:
1. Peen all bolt threads.
2. Railing shall conform to horizontal and vertical alignment.
   Posts shall be vertical, top and bottom pipes shall be bent if radius is 148'-0" or less; may be on 8'-0" chords if radius is over 148'-0".
3. When railing is on slope, 6'-0" chain link fabric shall be placed parallel to slope.
4. Additional pipe NPS 1½ Std required when radius is less than 150'-0".

ALTERNATIVE ANCHORAGE DETAIL

May be used when thickness of concrete is 1'-0" or more.

TYPICAL CONNECTION DETAILS

END POST

INTERMEDIATE POSTS

EXPANSION JOINTS

AT DECK

AT ELECTROLIER

ON SLOPES

PIPE HANDRAILING AT END

ALTERNATIVE DETAILS

DRIVEN FIT

2" Ø BOLT

1½" Ø CARRIAGE BOLT

1½" Ø SADDLE PIPE SLEEVE SLIDING FIT

ANCHORAGE DETAIL

1½" Ø HOLE

2" Ø BOLT TO ALL PIPES

MORTAR PAD

ANCHORAGE DETAIL

MORTAR

TOP AND BOTTOM MORTAR

1½" X 1" HOLE

STEEL CAST ELBOW

ALTERNATIVE ANCHORAGE DETAIL

May be used when thickness of concrete is 1'-0" or more.