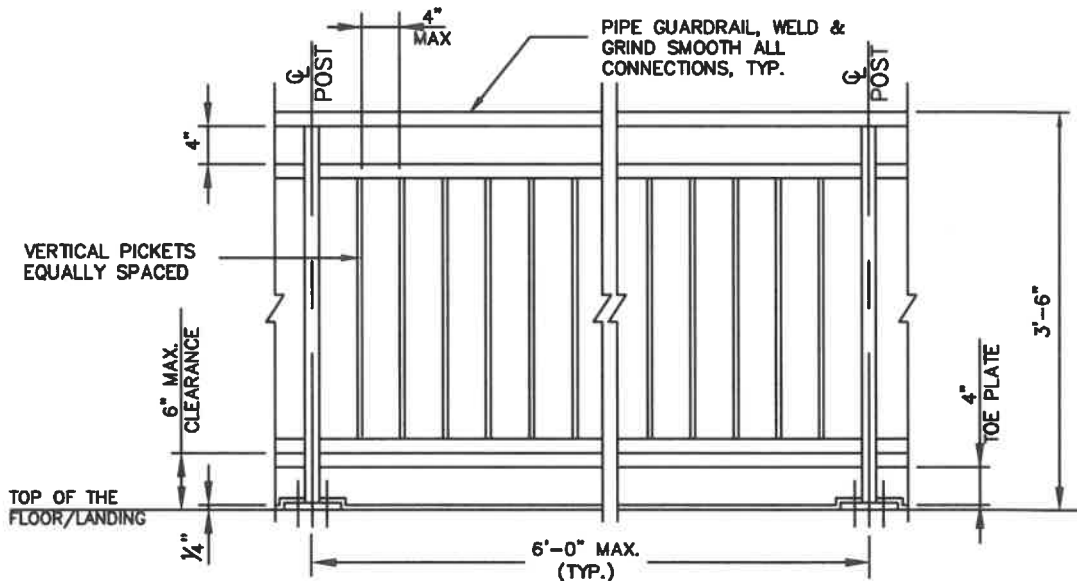


**GUARDRAIL TYPE A**



**GUARDRAIL TYPE B**

**GENERAL NOTES:**

1. GUARDRAILS TO BE DESIGNED PER LATEST EDITION OF INTERNATIONAL BUILDING CODE (IBC).
2. GUARD RAILS SHALL BE DESIGNED FOR:
  - a. CONCENTRATED LOAD OF 200 LBS APPLIED AT ANY POINT AND AT ANY DIRECTION ALONG THE TOP RAILING MEMBER.
  - b. UNIFORM LOAD OF 50 LBS/LINEAR FOOT APPLIED HORIZONTALLY AT THE TOP OF THE GUARD RAIL AND A SIMULTANEOUS UNIFORM LOAD OF 100 LBS/LINEAR FOOT APPLIED VERTICALLY.
  - c. HORIZONTAL CONCENTRATED LOAD OF 200 LBS/SQUARE FOOT AT ANY POINT IN THE GUARDRAIL SYSTEM, INCLUDING INTERMEDIATE RAILS OR POSTS.
3. SIZES AND CONNECTIONS OF POSTS, RAILS, AND ANCHORS SHALL BE AS SHOWN ON THE DRAWINGS.
4. MINIMUM DIAMETER OF RAIL 1 1/2"OD.

WASHINGTON  
SUBURBAN  
SANITARY  
COMMISSION

APPROVED: 6/17/21  
*M. H. Hamer*  
Chief Engineer

STANDARD DETAIL

GUARDRAIL  
(ALL AREAS)

M  
21.0