



NOTE: ANY AREA WHERE THIS FENCE IS PROPOSED SHALL BE EVALUATED FOR A CLEAR LINE OF SIGHT. IF THERE IS A SIGHT LINE ISSUE, USE COB STANDARD R-20 ONLY WHERE PRE-APPROVED BY CITY ENGINEER.

**SAFETY FENCE NOTES:**

1. ALL PORTIONS AND PARTS ARE TO BE GALVANIZED STEEL WITH A MINIMUM 2 MILS. TOTAL THICKNESS OF EPOXY PRIMER AND ACRYLIC TOPCOAT, BLACK IN COLOR.
2. BOTTOM OF POSTS TO BE EMBEDDED IN CONCRETE SHOULD FIRST BE PROTECTED WITH TWO-PART EPOXY DIPPING OR ZINC CHROMATE COATING TO PREVENT CORROSION.
3. ONLY NON-METALLIC, NON-SHRINK GROUT IS TO BE USED FOR SECURING POST IN CONCRETE.
4. THE HANDRAIL FOR INCLINED SURFACES IS REQUIRED WHEN THE RUNNING SLOPE IS 5% OR GREATER AND SHALL MEET ALL THE APPLICABLE REQUIREMENTS AND PROVISIONS OF SECTION R408 OF THE ADA ACCESSIBILITY GUIDELINES FOR PUBLIC RIGHTS-OF-WAY.
5. THERE ARE TO BE NO EXPOSED WELDS AND ERECTED FENCE IS TO HAVE THE SAME APPEARANCE ON BOTH SIDES.
6. VERTICAL PICKETS SHALL NOT EXTEND BEYOND THE TOP OR BOTTOM RAILS.

SAFETY FENCE IS REQUIRED IF:  
 1. THERE IS A VERTICAL DROP OF 30" OR MORE WITHIN 4' OF THE WALK -OR-  
 2. THERE IS A SLOPE OF 2:1 OR STEEPER WITHIN 4' OF THE BACK OF WALK -OR-  
 3. THERE IS A SLOPE OF 3:1 OR STEEPER WITHIN 4' OF THE BACK OF WALK WITH A TOTAL ELEVATION CHANGE OF 6' OR GREATER.



DATE 6/21/18	REVISED 6/21/18	SCALE NOT TO SCALE	DETAIL R-19
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SAFETY FENCE WITH HANDRAIL OPTION  
 CITY OF BURLINGTON, NORTH CAROLINA  
 ENGINEERING DEPARTMENT