



- NOTES:
- ALL RAILING IS TO BE 1-1/2" SCHEDULE 40 CLEAR ANODIZED ALUMINUM TUBING.
 - SECTIONS TO BE JOINED, WHERE NECESSARY, WITH FRICTION-TYPE INTERNAL SPLICES SECURED WITH EPOXY. NO FIELD WELDING OR MECHANICAL FASTENERS WILL BE ALLOWED.
 - RAILS ARE TO BE SHOP ROLLED TO MATCH REQUIRED CURVATURE AS NECESSARY. FIELD BENDING IS NOT ALLOWED.
 - BOTTOM OF POSTS TO BE EMBEDDED IN CONCRETE SHOULD FIRST BE PROTECTED WITH TWO-PART EPOXY DIPPING OR ZINC CHROMATE COATING TO PREVENT CORROSION.
 - ONLY NON-METALLIC, NON-SHRINK GROUT IS TO BE USED FOR SECURING POSTS IN CONCRETE.
 - ALL EXPOSED BUTT JOINTS TO BE TIGHT AND FLUSH.
 - USE METHOD 'B' WHEN THE CENTER OF THE RAIL IS 6" OR LESS BEHIND THE BACK OF WALK.
 - 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.
 - SAFETY RAIL IS REQUIRED IF:
 - THERE IS A VERTICAL DROP OF 30" OR MORE WITHIN 4' OF THE WALK.
 - THERE IS A SLOPE OF 2:1 OR STEEPER WITHIN 4' OF THE BACK OF THE WALK.
 - 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.

CITY OF HIGH POINT
 NORTH CAROLINA
 ENGINEERING SERVICES DEPARTMENT
 APPROVED JIMMY LEE 2013
 BKL DIRECTOR

ISSUED	7-16-13
REVISIONS	

STANDARD DRAWING FOR
STANDARD SAFETY RAIL
 FOR SAFETY TYPE INSTALLATIONS

HANDRAIL_SAFE.DWG
516.00
 SHEET 1 OF 1