



**NOTES:**

1. HORIZONTAL RAIL TO BE 1-1/2" I.D. - SKED 40-TYPE E, GRADE A OR STRONGER (MIN. YIELD STRESS TO BE 30 KSI, WHICH ALLOWS 21.6 KSI DESIGN STRESS.)
2. POSTS TO BE 1-1/2" I.D. - SKED 80-TYPE E, GRADE A OR STRONGER (MIN. YIELD STRESS TO BE 30 KSI, WHICH ALLOWS 21.6 KSI DESIGN STRESS.)
3. ALL JOINTS TO BE WELDED AND GROUND TO A SMOOTH SURFACE. PREFABRICATED CONNECTIONS MAY BE USED IF APPROVED BY TOWN REPRESENTATIVE. WELDS ARE REQUIRED TO MEET AWS SPECIFICATIONS.
4. POSTS TO BE EMBEDDED A MIN. OF 12" IN A CORE DRILLED HOLE OR PRESET PIPE SLEEVE. SLEEVE SHALL BE SKED 40, TYPE E, GRADE A STEEL OR STRONGER.
5. FINISH WITH 1 COAT OF PRIMER AND 2 COATS OF ALL WEATHER ENAMEL USE PAINT. A NEUTRAL COLOR TO BE APPROVED BY TOWN REPRESENTATIVE.
6. CONTRACTOR SHALL WARRANT PAINT AND HANDRAIL FOR 1 YEAR.
7. ANY CHANGES FROM ABOVE RAIL DESIGN SHALL BE SUBMITTED OVER SEAL OF REGISTERED N.C. ENGINEER WITH DESIGN CRITERIA AND STRESS CALCULATIONS.
8. ALL CONCRETE TO BE 3600 PSI COMPRESSIVE STRENGTH
9. STEEL SLEEVE TO ACCOMMODATE 1-1/2" I.D. SKED 80 TYPE E POST.
10. ALLOW A 12" TRANSITION FROM A 5" SIDEWALK TO A 6" SIDEWALK AND VICE VERSA.

DETAIL NOT TO SCALE

## TYPICAL PIPE HANDRAIL

**PARKS AND GREENWAYS**

Detail PG-18

Town of Hope Mills, North Carolina

February 28, 2015 Original

