

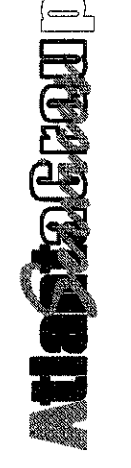
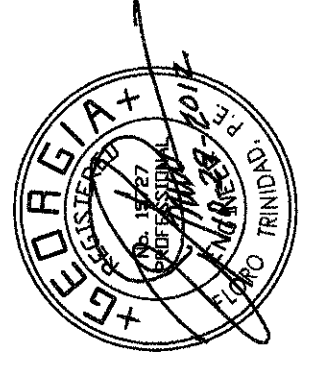

PROVIDE EXPANSION JOINTS IN ALL RAILINGS FOR ALL EXPANSION JOINTS IN STRUCTURE

- NOTES**
1. ALL HORIZONTAL RAILINGS SHALL BE CONSIDERED AS GUARDRAIL AND SHALL HAVE 3'-6" HEIGHT AS SHOWN.
  2. GUARDRAIL IS REQUIRED WHEREVER THE FLOOR OR OPEN STAIR DIFFERENTIAL ELEVATIONS ARE 30" OR GREATER.
  3. USE SIMILAR TYPE HANDRAIL EXTENSION AT THE TOP WHERE GUARDRAIL IS NOT REQUIRED.

- NOTES:**
- IF FASTENING IN TO CONCRETE, FASTENERS SHALL BE ADHESIVE ANCHORS, FASTENERS SHALL BE 316 SS STEEL
  - POST INSERTS NOT ALLOWED IN APPLICATIONS SUBJECT TO FREEZING

NOTE: USE THIS DETAIL WHERE WALL THICKNESS IS LESS THAN 8 INCHES

- NOTES**
1. WHERE DRAWINGS CALL FOR ALUMINUM HANDRAIL ALL BARS, PLATE, AND PIPE SHALL BE OF ALUMINUM (6061-T6) AND ALL FASTENERS SHALL BE OF STAINLESS STEEL. COAT ALUMINUM SURFACES IN CONTACT WITH CONCRETE PER SPECS.
  2. WHERE DRAWINGS CALL FOR STEEL HANDRAIL, BARS AND PLATE SHALL BE A-36 STEEL, PIPE SHALL BE A-53 GR B AND FASTENERS SHALL BE A-307.
  3. SEE SPECIFICATIONS FOR FINISHES.
  4. DBD = DEFERRED BOLTING DEVICE, SEE SPECS.
  5. FOR DRILL AND EPOXY CONNECTION USE HILTI HIT RE 500-SD ADHESIVE ANCHOR
  6. WHERE ALUM. SURFACE IS IN CONTACT WITH CONCRETE, AN ISOLATION COATING SHALL BE APPLIED.

**PEACHTREE CREEK SOUTH FORK  
RELIEF STORAGE AND PUMPING STATION**

**DEPARTMENT OF WATERSHED MANAGEMENT**

REV	DATE	REVISION DESCRIPTION

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: FC-6260  
 DATE: OCTOBER 2012  
 RESP PROF: DESIGNER: CHECKER:  
 FT NSH DSF

SHEET TITLE

STRUCTURAL  
STANDARD DETAILS

SHEET NO. SD-509 REV. 0