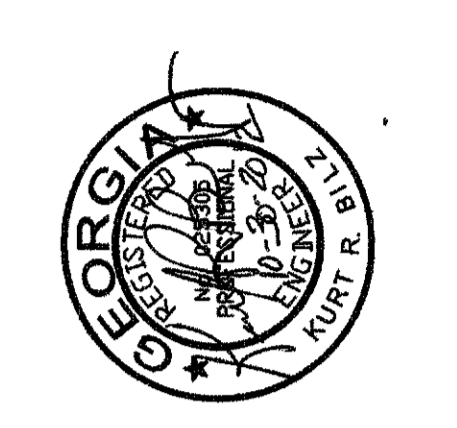
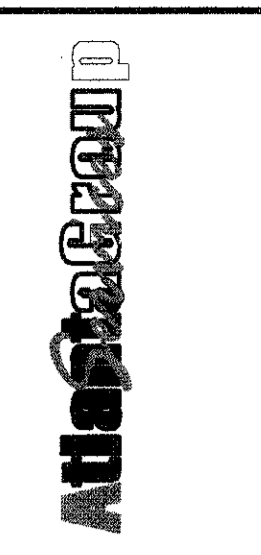


- NOTE:
1. FLOW RETURN VALVE OPEN WHEN EMPTYING (RETURNING FLOW) EQ TANK - CLOSED WHEN FILLING (DIVERSION PUMPS IN OPERATION) EQ TANK.
 2. MAIN TRANSFER PIPE FROM DIVERSION PUMP STATION TO JET MIX PUMP STATION IS BI-DIRECTIONAL FLOWING TO EQ TANK DURING A RELIEF EVENT/TANK FILLING AND TO SOUTH FORK PEACHTREE CREEK WHEN EQ TANK IS BEING EMPTIED/ FLOW RETURN.
 3. THERE ARE SIX DIVERSION PUMPS AT 13.4 MGD EACH. ONLY ONE PUMP SHOWN FOR CLARITY. FIVE PUMPS OPERATE TO REACH 67 MGD.
 4. EXISTING PIPES UNDER CREEK ARE (1) 18"φ AND (1) 30"φ , 30" PIPE NOT SHOWN FOR CLARITY.

HYDRAULIC PROFILE
 GO-104 SCALE: VERTICAL 1:60
 HORIZONTAL-NTS



PEACHTREE CREEK SOUTH FORK
 RELIEF STORAGE AND PUMPING STATION
 CITY OF ATLANTA
 DEPARTMENT of WATERSHED MANAGEMENT

REV	DATE	REVISION DESCRIPTION
0	10/28/12	100 PERCENT BID PACKAGE

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: KB	DESIGNER: NSH	CHECKER: KB
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SHEET TITLE
 PROCESS
 00 - GENERAL
 HYDRAULIC PROFILE
 DIVERSION FACILITY

SHEET NO. GO-104 REV. 0