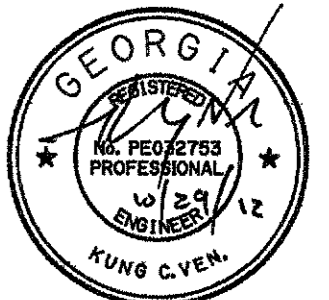


- NOTES:
1. NOT USED.
 2. INSTALL FLOW SENSOR AT LEAST ONE FOOT ABOVE THE MAXIMUM NORMAL LEVEL IN THE FLOW METERING STRUCTURE. USE A L-SHAPED MOUNTING BRACKET TO MOUNT FLOW SENSOR OFF WALL OF STRUCTURE AND POSITION ABOVE MIDDLE OF THE WASTE WATER FLOWING THROUGH STRUCTURE. INSTALL THE FLOW TRANSMITTERS ABOVE GROUND AT LEAST 4 FOOT 6 INCHES OFF THE GROUND IN AN ACCESSIBLE LOCATION. PROVIDE SUNSHIELDS AND SURGE PROTECTION.
 3. INSTALL THE LEVEL TRANSDUCERS IN THE EXISTING MANHOLE AT LEAST ONE FOOT ABOVE THE MAXIMUM NORMAL WATER LEVEL IN THE SANITARY SEWER. INSTALL THE LEVEL TRANSMITTERS ABOVE GROUND AT LEAST 4 FOOT 6 INCHES OFF THE GROUND AT AN ACCESSIBLE LOCATION. PROVIDE SUNSHIELDS AND INSTALL SURGE PROTECTION DEVICE. CONNECT TO A NEW LOCAL RTU CABINET ONSITE TO PROVIDE REMOTE COMMUNICATION TO THE PLANT CONTROL SYSTEMS IN THE DIVERSION FACILITY AND EQUALIZATION FACILITY. COORDINATE WITH ELECTRICAL FOR POWER AND TELEPHONE CONNECTIONS.
 4. THE FLOW OF WASTEWATER PUMPED BY THE DIVERSION PUMPS (P-201, 202, 203) MONITORED BY MAGMETER FIT-210 AND P-301, 302, 303 MONITORED BY MAGMETER FIT-310 SHALL BE TOTALIZED IN SOFTWARE AND USED TO TURN OFF DIVERSION PUMPS WHEN EQ TANK SHOULD BE FILLED AS BACKUP TO HIGH EQ TANK LEVEL INTERLOCKS. FLOW TOTALIZATION DISABLED WHEN ALL PUMPS ARE OFF OR ON LOW MEASURED FLOW, (PARTIALLY FULL PIPE).



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: KCV DESIGNER: WHP CHECKER: BLB

SHEET TITLE
INSTRUMENTATION
01-02-DIVERSION STRUCTURES 1 & 2

P&ID
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SHEET NO. I-101 REV. 0