



- NOTES:

- 1 ALL WALL PIPES SHALL BE CAST UNLESS OTHERWISE NOTED.
- 2 PROVIDE PIPE JOINT WITHIN TWO (2) FEET OF EXTERIOR FACE OF WALL AT CONNECTION TO ALL NEW AND EXISTING STRUCTURES OR MANHOLES.
- 3 COMBINATION WATERSTOP SHALL BE REQUIRED AT ALL NEW PIPE PENETRATIONS THROUGH EXISTING CONCRETE WALLS UNLESS OTHERWISE INDICATED ON THE CONTRACT DRAWINGS. SEE COMBINATION WATERSTOP DETAIL 1509222.
- 4 ALL NEW OPENINGS IN EXISTING CONCRETE WALLS SHALL BE ACCOMPISHED WITH A CLEAN SAW-CUT. SURFACES SHALL BE ROUGHENED BY APPROVED METHODS.

				DESIGNED	H & S
				DRAWN	H & S
				CHECKED	
3	AS BUILT	OCT 2007	RLT	PROJ. ENGR.	H & S
2	CONSTRUCTION	MAR 2004	RLT		
1	REGULATORY APPROVAL	NOV 2003	RLT		
NO.	ISSUED FOR	DATE	BY	APPROVED	

THIS DOCUMENT ORIGINALLY ISSUED  
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ROBERT S. DIFIORE, SEAL NO. 22769

## RECORD DRAWING

THIS DRAWING HAS BEEN MODIFIED TO REFLECT FIELD  
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CITY OF ROANOKE  
VIRGINIA

## REGIONAL WATER POLLUTION CONTROL PLANT PROCESS TRAIN IMPROVEMENTS

## MISCELLANEOUS STANDARD DETAILS

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE MARCH 2004	
	H & S JOB NUMBER 30788B	
	CONTRACT NUMBER B	DRAWING NUMBER D12