
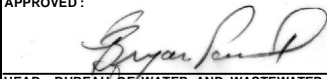
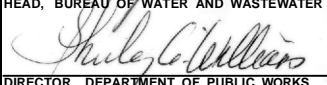


VIEW A-A

MATERIAL:
 C1010, BLACK ANNEALED
 45,000 TO 55,000 P.S.I. TENSILE
 26,000 TO 35,000 P.S.I. YIELD
 % ELONG. TO 2" 30-45%
 % ELONG. 8" 25-40%

	APPROVED :  HEAD, BUREAU OF WATER AND WASTEWATER	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS BUREAU OF WATER AND WASTEWATER	ISSUED	REVISED	REVISED
	 DIRECTOR, DEPARTMENT OF PUBLIC WORKS		3 / 2008		
			STANDARD TIE BOLT		
			SCALE : NONE	SHEET 1 OF 1	