



ROOF SLAB MATERIALS										CONCRETE QUANTITY (CUBIC YARDS)		
SIZE	T	REBARS	STRAIGHT BARS							WALLS	FLOOR	ROOF SLAB
			①	②	③	④	⑤	⑥	⑦			
4" W/ 3" DOM	9"	#6@6"	14@7'-8"	5@1'-7"	13@8'-2"	5@3'-8"	4@3'-3"	5@1'-8"	5@3'-3"	5.43	1.27	1.91
6" W/ 3" DOM	9"	#6@6"	14@8'-2"	5@1'-11"	14@8'-3"	5@3'-3"	4@3'-3"	5@2'-2"	5@3'-5"	5.64	1.36	2.04
8" W/ 4" DOM	10"	#6@5"	19@9'-2"	6@2'-3"	19@9'-5"	6@4'-1"	4@3'-3"	6@2'-6"	6@4'-1"	6.42	1.72	2.87
8" W/ 3" DOM	9"	#6@5 1/2"	15@8'-7"	5@2'-3"	16@8'-4"	5@3'-0"	4@3'-3"	5@2'-6"	5@3'-6"	5.82	1.44	2.16
10" W/ 4" DOM	10"	#6@5"	19@9'-5"	6@2'-4"	20@9'-9"	6@3'-8"	4@3'-3"	6@3'-3"	6@4'-3"	6.64	1.83	3.05
10" W/ 3" DOM	9"	#6@5 1/2"	15@8'-10"	5@2'-4"	17@8'-8"	5@2'-7"	4@3'-3"	5@3'-3"	5@3'-8"	6.03	1.53	2.30



APPROVED:  
  
 HEAD, BUREAU OF WATER AND WASTEWATER  
  
 DIRECTOR, DEPARTMENT OF PUBLIC WORKS

CITY OF BALTIMORE  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF WATER AND WASTEWATER

ROOF SLAB AND CONCRETE QUANTITIES  
 FOR STANDARD VAULT FOR  
 4", 6", 8", & 10" DETECTOR CHECKS WITH  
 REDUCED SIZE LARGE DOMESTIC METERS

ISSUED      REVISED      REVISED

3 / 2008

STANDARD NO.  
 BC 845.01

SCALE : NONE

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