



SHA PORTLAND CEMENT CONCRETE MIXTURE

MIX NO.	28 DAY SPECIFIED DESIGN COMPRES-SIVE STRENGTH (PSI)	MIN. CEMENT FACTOR (LB/YD) ³	COARSE AGGREGATE AASHTO M43 SIZE	MAX. WATER CEMENT RATIO	SLUMP (IN)	TOTAL AIR CONTENT (%)	CONCRETE TEMPERATURE (F)
1	2500	455	57 or 67	0.55	2 - 5	5 - 8	50 - 95
2	3000	530	57 or 67	0.50	2 - 5	5 - 8	50 - 95
3	3500	580	57 or 67	0.50	2 - 5	5 - 8	50 - 95
4	3500	615	57 or 67	0.55	4 - 8	N/A	50 - 95
5	3500	580	7	0.50	2 - 5	5 - 8	50 - 95
6	4500	615	57 or 67	0.45	2 - 5	5 - 8	50 - 95
7	4200	580	57	0.50	1 1/2 - 3	5 - 8	50 - 95
8	4000	750	7	0.42	2 - 5	5 - 8	50 - 95
9	3000	800	57 or 67	0.45	4 - 8	5 - 8	60 - 100
10	4500	700	3/4" - NO. 4	0.45	2 - 5	6 - 9	50 - 80
11	4200	--	57 or 67	0.45	2 - 5	5 - 8	50 - 80
12	4200	--	3/4" - NO. 4	0.45	2 - 5	6 - 9	50 - 80
13	4000	615	57 or 67	0.45	2 - 5	5 - 8	50 - 95
HE	3000	N/A	N/A	N/A	3 - 9	5 - 8	60 - 100
PC	N/A	450	7 OR 8	0.45	N/A	15 - 25	N/A
WT	2500	650	57	0.45	5 MAX.	5 - 8	50 - 95

NOTE:

1. STATE CERTIFIED CONCRETE MANUFACTURER.

O:\standets\REVISED 2024\REVISED-RENUMBERED 2024\G-100.1.dwg, 1/30/2024 10:43:24 AM, 1:1

 Life. Made better.™	APPROVAL	REVISED	EASTON UTILITIES STANDARD DETAILS SHA PORTLAND CEMENT CONCRETE MIXTURE
	 EU ENGINEERING DEPARTMENT		
	1/31/2024 DATE		
	ISSUED: JANUARY 2024		
	STANDARD NO.: G-100.1		