

Mix "A"

Mix Design No. 1946

Plant No. 250-255

Slump = 5" MAX

Entrapped Air % 1.5
Absolute Volume = 0.405

Target Yield: 27.15

Concrete Class: (check one only)

☐ CDF ☐ 2500 ☒ 3000 ☐ 4000 ☐ 5000 ☐ High-Strength*** ☐ SCC ☐ Pervious
☒ Other

Remarks:

Exhibit "C" #1 Footing
3000 PSI @ 28 days

Cementitious Materials	Type/Supplier	Sp. Gr.	Lbs/cy	Abs. Vol.
Cement	Type I-II	3.15	400	2.04
Fly Ash		2.20	70	0.51
Microsilica	W.R. Grace	2.20		-
Calite	Everdure	1.00		-

Concrete Aggregates	Building Sand	Pea Gravel	3/4"	1"	1-1/2"
WSDOT Pit No.	B-335	-	-	B-335	-
Pit Name	Dupont	-	-	Dupont	-
Grading	WSDOT Class 2 BLD SAND	AASHTO #8 AGG 3/8	AASHTO #57 AGG 3/4	AASHTO #57 AGG 3/4	AASHTO #4 AGG 1 1/2
Percent of Total Aggregate	46	-	-	54	-
Specific Gravity	2.65	-	-	2.68	-
Lbs/cy (sed)	1570			1830	
Absolute Volume	9.49	-	-	10.94	-

Concrete Admixtures	Manufacturer	ASTM Type	Est. Range
Superplasticizer	W.R. Grace	Type F, HRWR (min 12%)	5 - 100

Water (Maximum) 235 (lbs/cy)

Water/Cementitious Ratio (Maximum) 0.50

Abs. Vol. = 3.77

Mix Design Density: 151.2 lbs/cf

Flyash % 14.89

Mix "B"

Mix Design No. 3220

Plant No. 250-255

Slump = 5" MAX

Entrapped Air % : 1.5

Target Yield: 27.15

Absolute Volume = 0.405

Concrete Class: (check one only)

☐ CDF ☐ 2500 ☐ 3000 ☒ 4000 ☐ 5000 ☐ High-Strength*** ☐ SCC ☐ Pervious
☐ Other

Remarks:

Exhibit "C" #6 All Other Concrete

4000 PSI @ 28 Days

Cementitious Materials	Type/Supplier	Sp. Gr.	Lbs/cy	Abs. Vol.
Cement	Type I-II	3.15	517	2.63
Fly Ash		2.20		-
Microsilica	W.R. Grace	2.20		-
				-
Calclite	Everdure	1.00		-

Concrete Aggregates	Building Sand	Pea Gravel	3/4"	1"	1-1/2"
WSDOT Pit No.	B-335	-	-	B-335	-
Pit Name	Dupont	-	-	Dupont	-
Grading	WSDOT Class 2 BLD_SAND	AASHTO #8 AGG_3/8	AASHTO #67 AGG_3/4	AASHTO #57 AGG_3/4	AASHTO #4 AGG_11/2
Percent of Total Aggregate	41	-	-	59	-
Specific Gravity	2.65	-	-	2.68	-
Lbs/cy (ssd)	1375			1945	
Absolute Volume	8.32	-	-	11.63	-

Concrete Admixtures	Manufacturer	ASTM Type	Est. Range (oz/cy)
Water Reducer	W.R. Grace	Type A, Water Reducer	5 - 25

Water (Maximum) 260 (lbs/cy)

Water/Cementitious Ratio (Maximum) 0.50

Abs. Vol.= 4.17

Mix Design Density: 150.9 lbs/cf

Flyash % -

Mix "C"

Mix Design No. 0541

Plant No. 250-255

Slump = 5" MAX

Entrapped Air % = 1.5

Target Yield: 27.15

Absolute Volume = 0.405

Concrete Class: (check one only)

☐ CDF ☐ 2500 ☐ 3000 ☐ 4000 ☒ 5000 ☐ High-Strength*** ☐ SCC ☐ Pervious
☐ Other

Remarks:

Exhibit "C" #9 Mat Foundations, Closure Strips
5000 PSI @ 56 Days

Cementitious Materials	Type/Supplier	Sp. Gr.	Lbs/cy	Abs. Vol.
Cement	Type I-II	3.15	480	2.44
Fly Ash		2.20	120	0.87
Microsilica	W.R. Grace	2.20		-
				-
Calite	Everdure	1.00		-

Concrete Aggregates	Building Sand	Pea Gravel	3/4"	1"	1-1/2"
WSDOT Pit No.	B-335	-	-	B-335	-
Pit Name	Dupont	-	-	Dupont	-
Grading	WSDOT Class 2 BLD_SAND	AASHTO #8 AGG_3/8	AASHTO #67 AGG_3/4	AASHTO #57 AGG_3/4	AASHTO #4 AGG_1 1/2
Percent of Total Aggregate	40	-	-	60	-
Specific Gravity	2.65	-	-	2.68	-
Lbs/cy (ssd)	1315			1940	
Absolute Volume	7.95	-	-	11.60	-

Concrete Admixtures	Manufacturer	ASTM Type	Est. Range (oz/cy)
Water Reducer	W.R. Grace	Type A, Water Reducer	5 - 30

Water (Maximum) 242 (lbs/cy)

Water/Cementitious Ratio (Maximum) 0.40

Abs. Vol.= 3.88

Mix Design Density: 150.9 lbs/cf

Flyash % 20.00