

**CONCRETE MIX DESIGN**

*Approved  
Audley C. Duncan  
FD.O.T*

ISSUED	<u>A. DUNCAN</u>
REVIEWED	<u>A. DUNCAN</u>
DATE	<u>8/29/2011</u>
MIX NO.	<u>06-FF-58</u>

CONCRETE SUPPLIER	<u>SUPERIOR MIX</u>
ADDRESS	<u>6945 NW 53 TERRACE MIAMI, FLORIDA 33168</u>
	TELEPHONE # <u>305-887-0030</u>

CLASS CONCRETE	<u>FLOWABLE FILL</u>	<u>EXCAVATABLE</u>
	<u>MAX 100</u>	<u>PSI</u>

**SOURCE OF MATERIALS**

COARSE AGGREGATE	_____	GRADE :	_____	S.G.(SSD)	_____
COARSE AGGREGATE	_____	GRADE :	_____	S.G.(SSD)	_____
FINE AGGREGATE	<u>VULCAN MATERIALS COMPANY</u>	F.M. :	<u>2.88</u>	S.G.(SSD)	<u>2.55</u>
PIT NO. (COARSE)	_____	TYPE :	_____		
PIT NO. (COARSE)	_____	TYPE :	_____		
PIT NO. (FINE)	<u>87-049</u>	TYPE :	<u>LIMESTONE SCREENINGS</u>		
CEMENT	<u>CEMEX, MIAMI</u>	SPEC :	<u>AASHTO M-85 TYPE II</u>		
AIR ENTR. ADMIX	<u>AEA 92S, EUCLID</u>	SPEC :	<u>AASHTO M-154</u>		
1ST ADMIX	_____	SPEC :	_____		
2ND ADMIX	_____	SPEC :	_____		
3RD ADMIX (HRWR)	_____	SPEC :	_____		
FLYASH	_____	SPEC :	_____		
4TH ADMIX (COR. INHAB.)	_____	SPEC :	_____		

CEMENT	lbs	<u>100</u>	FLOW RATE	<u>See section 121</u>
COARSE AGG.	lbs	<u>0</u>	AIR CONTENT	<u>N/A</u> PERCENT
COARSE AGG.	lbs	<u>0</u>		
FINE AGG	lbs	<u>2234</u>	UNIT WEIGHT	<u>102.48</u> P.C.F.
AIR ENTR. AD.	oz	<u>6.00</u>	WATER CEMENT RATIO	<u>4.33</u> W/C
1ST ADMIX	oz	_____	MAX. ALLOWABLE	<u>4.33</u> W/C
2ND ADMIX	oz	_____	THEO. YIELD	<u>27.00</u> CU. FT.
3RD ADMIX (HRWR)	oz	_____		
WATER	gal	<u>51.96</u>		
WATER	lbs	<u>433.0</u>		
FLY ASH	lbs	<u>0</u>		
4TH ADMIX D.C.I.-S		<u>0.0</u>	lbs	
WATER IN D.C.I. ADDITIVE		<u>0.0</u>	lbs	
MICRO SILICA		<u>0</u>	lbs	