

Approved  
 A. DUNCAN *Audley C. Duncan*  
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 3/19/2014  
 06-5334  
 F.D.O.T.

ISSUED  
 REVIEWED  
 DATE  
 MIX NO.

**CONCRETE MIX DESIGN**

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

CLASS CONCRETE CLASS NS  
2500 PSI

SOURCE OF MATERIALS

COARSE AGGREGATE	<u>VULCAN MATERIALS COMPANY</u>	GRADE :	<u>67</u>	S.G.(SSD)	<u>2.41</u>
FINE AGGREGATE	<u>VULCAN MATERIALS COMPANY</u>	F.M. :	<u>2.88</u>	S.G.(SSD)	<u>2.55</u>
PIT NO. (COARSE)	<u>87-049</u>	TYPE :	<u>CRUSHED LIMESTONE</u>		
PIT NO. (FINE)	<u>87-049</u>	TYPE :	<u>LIMESTONE SCREENINGS</u>		
CEMENT	<u>CEMEX, MIAMI</u>	SPEC :	<u>AASHTO M-85 TYPE I/II</u>		
AIR ENTR. ADMIX	<u>AEA 92 S EUCLID</u>	SPEC :	<u>AASHTO M-154</u>		
1ST ADMIX	<u>EUCON LR EUCLID</u>	SPEC :	<u>AASHTO M-194 TYPE D</u>		
2ND ADMIX	_____	SPEC :	_____		
3RD ADMIX (HRWR)	_____	SPEC :	_____		
SLAG	_____	SPEC :	_____		
4TH ADMIX (COR. INHAB.)	_____	SPEC :	_____		

CEMENT	lbs	<u>420</u>	SLUMP RANGE	<u>0.0 TO 6.0</u>	INCHES
COARSE AGG.	lbs	<u>1500</u>	AIR CONTENT	<u>N/A</u>	PERCENT
FINE AGG	lbs	<u>1526</u>	UNIT WEIGHT	<u>137.82</u>	P.C.F.
AIR ENTR. AD.	oz	<u>2.0</u>	WATER CEMENT RATIO	<u>0.65</u>	W/C
1ST ADMIX	oz	<u>42.0</u>	MAX. ALLOWABLE	<u>0.65</u>	W/C
2ND ADMIX	oz	<u>0.0</u>	THEO. YIELD	<u>27.00</u>	CU. FT.
3RD ADMIX (HRWR)	oz	_____			
WATER	gal	<u>33.00</u>			
WATER	lbs	<u>275.0</u>			
SLAG	lbs	<u>0</u>			
4TH ADMIX (COR. INHAB.)	lbs	<u>0.0</u>			