APPENDIX A
CONCRETE MIX SPECIFICATION

Cement:	ASTM C 150 - Type V
Fly Ash:	ASTM C 618 - Class F
Admixtures:	ASTM C 494 - Type F
	Viscosity Modifying Admixture
Aggregates:	ASTM C 33 - Coarse Aggregate – No. 57/67
	ASTM C 33 - Fine Aggregate – Washed Concrete Sand
Water:	ASTM C 94

CONCRETE MIX INFORMATION

Identification No: 640300SC

MIX PROPORTIONS (Per one cubic yard of Concrete)

Cement	559 lbs.
Fly-Ash	240 lbs.
Coarse Agg.	1160 lbs.
Fine Agg.	1750 lbs.
Type F	5oz/cwt - 10oz/cwt
VMA	2oz/cwt - 4oz/cwt
Water	293 lbs. (35 gal.)

These weights are based on S.S.D. condition and will be adjusted accordingly as the moisture varies in the aggregates.

PHYSICAL PROPERTIES OF CONCRETE

Unit Wt. Of fresh Concrete, (ASTM C 138), pcf:	145.0 to 150.0
Slump, (ASTM C143), inches:	25 - 30"
Air Content, (ASTM C 231, Pressure Method), %:	1 - 3%
Water/Cementations Materials Ratio:	0.40

COMPRESSIVE STRENGTH

<u>56-DAY</u>

4000 PSI