CONCRETE SPECIFICATIONS

1) MATERIALS

A) CEMENT: ASTM C150 TYPE I OR II

B) AGGREGATE: ASTM C33

C) ADMIXTURES:
1. AIR ENTRAINING: ASTM C260
2. FIBER: AASHTO M213
3. PROHIBITED ADMIXTURES: CALCIUM CHLORIDE, THIOCYANATES, OR ADMIXTURES CONTAINING MORE THAN 0.05% CHLORIDE IONS ARE NOT PERMITTED.

D) CLASS A CONCRETE SHALL BE AS FOLLOWS:

28-DAY COMPRESSIVE STRENGTH (PSI)	3500
MAXIMUM WATER/CEMENT RATIO	0.45
MINIMUM CEMENT CONTENT (POUNDS/CY)	564
SLUMP (INCHES)	2-4
AIR CONTENT	6.0%

E) PREMOLDED JOINT FILLER: ASPHALT TYPE IN CONFORMANCE WITH ASTM D994. W.R. MEADOWS SEALTIGHT, OR EQUAL.

F) REINFORCING BARS: ASTM A615 OR ASTM A616, GRADE 60.

City of Carmel Utilities STANDARD DETAILS		TITLE: CONCRETE SPECIFICATIONS
DATE: December 2011 DRAWING: CS17	SCALE: Not To Scale	DRAWN BY: Jones & Henry Engineers, Ltd. FORT WAYNE, INDIANA