INTEGRALLY COLORED CONCRETE:

1. COLORS SHALL MATCH THE EXISTING COLORS ON VIRGINIA ST. (WEST SIDE) AND W. FIRST ST. FRENCH GRAY – ASHLAR COLOR

2. CONTRACTOR IS RESPONSIBLE FOR COLOR MATCH AND PROVIDING A TEST SECTION PER DETAIL R-104G. RECENTLY ACCEPTED COLORS (OR APPROVED EQUAL):
   INCRETE SYSTEMS POWDER COLOR DARK GRAY (4 LBS PER SACK) – MATCH FRENCH GRAY

3. INTEGRAL COLORS SHALL MEET REQUIREMENTS OF ASTM C979.

4. LIQUID RELEASE SHALL CONSIST OF 100% MINERAL SPIRITS. THE SURFACE SHALL BE BROOM FINISHED (LIGHT) AND HAVE A FLAT SURFACE FINISH.

5. CURING AND SEALING SYSTEM SHALL BE A SOLVENT BASED, NON-YELLOWING, VOC COMPLIANT COMPOUND WITH ACRYLIC POLYMERS. THE CURING AND SEALING SYSTEM SHALL MEET THE FOLLOWING REQUIREMENTS: ASTM C-309 (TYPE 1, CLASS A), ASTM C1315 (TYPE 1, CLASS A, MINIMUM 25% SOLIDS CONTENT).

A. ALL COLORED CONCRETE TO BE SEALED SHALL BE SUFFICIENTLY CURED PRIOR TO APPLICATION OF SAID SEALANT. ALSO, ALL CAULKING AND EXPANSION JOINT WORK SHALL BE FULLY CURED PRIOR TO APPLICATION OF THE SEALANT. THE COVERAGE RATE SHALL BE 100 TO 125 SQUARE FEET PER GALLON, UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER.

B. ALL MATERIALS SHALL BE DELIVERED IN THE ORIGINAL MANUFACTURER'S SEALED CONTAINERS. MATERIALS SHALL BE STORED TO PREVENT DAMAGE TO THE CONTAINERS. THE SEALER SHALL BE THOROUGHLY STIRRED BEFORE AND DURING USE. SURFACE, AIR AND MATERIAL TEMPERATURES SHALL NOT BE LESS THAN 50 DEGREES FAHRENHEIT DURING APPLICATION OR WITHIN 4 HOURS AFTER SAID APPLICATION. AREAS NOT SUBJECT TO NATURAL VENTILATION SHALL HAVE POSITIVE VENTILATION PROVIDED THROUGHOUT THE APPLICATION. PERSONNEL SHALL BE WARNED AGAINST PROLONGED BREATHING OF VAPORS AND CONTACT OF MATERIALS WITH THE SKIN OF EYES. PROTECT OTHER SURFACES NOT BEING SEALED AS NECESSARY DURING THE APPLICATION PROCESS.

C. THE CONTRACTOR SHALL NOT ALLOW FOOT OR VEHICULAR TRAFFIC ON SURFACES WHICH HAVE BEEN SEALED UNTIL SUCH TIME AS THEY ARE THOROUGHLY DRY, AS DETERMINED BY THE ENGINEER.