NOTES FOR CATCH BASIN REMODELING

1. REMOVE ALL EXISTING STEPS NOT CONFORMING TO SPPWC 635 TO A DEPTH OF 1/2 INCH MINIMUM BEHIND THE INTERIOR FACE OF THE CATCH BASIN WALL. CLEAN AND FILL ANY VOID WITH CLASS C MORTAR.

2. INSTALL STEEL STEPS TO CONFORM TO SPPWC 635.

3. EXISTING REINFORCING BARS SHALL BE PROTECTED AND CLEANED. NEW REINFORCEMENT SHALL BE TIED AND LAPPED TO EXISTING REINFORCEMENT. LAP SHALL BE ONE (1) FOOT MINIMUM.

4. INSTALL #4 X 1" ANCHOR AT 18" O.C. (MAX.) ALL AROUND BY EMBEDDING 6" INTO EXISTING CONCRETE WALL IN 1-INCH DIAMETER DRILLED HOLES AND GROUTING WITH CLASS C MORTAR.

5. CONSTRUCT OR REMODEL WARPED GUTTERS PER SPPWC 313 OR STANDARD PLAN S-312 FOR GUTTERS ADJACENT TO CURBS, AND PER SPPWC 304 FOR ALLEY GUTTERS.

6. CONSTRUCTION SEQUENCES:
   A. SIDE OPENING CATCH BASINS (CASE I)
      1. REMOVE EXISTING TOP SLAB AND WALLS TO A PLANE ONE (1) FOOT BELOW EXISTING OR PROPOSED GUTTER GRADE, WHICHEVER IS LOWER.
      2. RECONSTRUCT CATCH BASIN TO CONFORM TO SPPWC 300.
   B. CURB SIDE GRATING BASINS (CASE II)
      1. REMOVE EXISTING CATCH BASIN FRAME, GRATING, CURBS AND WALLS TO A PLANE ONE (1) FOOT BELOW EXISTING OR PROPOSED STREET GRADE, WHICHEVER IS LOWER.
      2. RECONSTRUCT CATCH BASIN TO CONFORM TO SPPWC 303.
   C. ALLEY GRATING BASIN (CASE III)
      1. REMOVE EXISTING CATCH BASIN FRAME, GRATING, AND WALLS TO A PLANE ONE (1) FOOT BELOW EXISTING OR PROPOSED ALLEY GRADE, WHICHEVER IS LOWER.
      2. RECONSTRUCT CATCH BASIN AND GUTTER TRANSITIONS TO CONFORM TO SPPWC 304.

7. EXISTING FRAMES AND/OR GRATES MAY BE REINSTALLED PROVIDED THEY CONFORM TO STANDARD PLAN S-342. THE CONTRACTOR MAY AT HIS OPTION MODIFY EXISTING NON-CONFORMING FRAMES AND/OR GRATES SO THAT THEY CONFORM TO STANDARD PLAN S-342 OR IN THE ALTERNATIVE MAY FURNISH NEW FRAMES AND/OR GRATES CONFORMING TO STANDARD PLAN S-342.

8. EXISTING MANHOLE FRAMES AND COVERS MAY BE REINSTALLED PROVIDED THEY CONFORM TO SPPWC 312. THE CONTRACTOR MAY AT HIS OPTION MODIFY EXISTING NON-CONFORMING MANHOLE FRAMES AND COVERS SO THAT THEY CONFORM TO SPPWC 312, OR IN THE ALTERNATIVE MAY FURNISH NEW MANHOLE FRAMES AND COVERS CONFORMING TO SPPWC 312.

9. MANHOLE FRAMES AND COVERS AND CATCH BASIN FRAMES AND GRATES THAT ARE REMOVED, BUT NOT REINSTALLED, SHALL BE DELIVERED BY THE CONTRACTOR TO THE NEAREST DISTRICT YARD OF THE BUREAU OF SANITATION'S SEWER AND STORM DRAIN MAINTENANCE DIVISION.