PART 1 - GENERAL

1.01 DESIGN CRITERIA:

A. Hydrants shall be designed to 150 psi working pressure and 300 psi hydrostatic test pressure.

B. Maximum hydrant spacing shall be 300 feet. No hydrant shall be located closer than 40 feet to any building wall.

C. Drain rock shall be 1–1/2 inch washed drain field rock. There shall be a minimum of 12–inches of drain rock surrounding the hydrant.

D. Hydrant shall be installed on a 12 x 12 x 4 inches concrete pad.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Hydrant:

1. Hydrant shall be Waterous Company Model WB-67 with two (2) 2–1/2 inch hose nozzles and one (1) 4–1/2 inch pumper nozzle.

2. The hydrant shall contain a flanged APE nozzle connection, 5–1/4 inch valve opening, a bronze seat ring, 1–1/2 inch pentagonal operating nuts (left opening) and standard nut nozzle caps with chains.

3. Outlet nozzle threads shall be National Standard Thread (NST) fire hose couplings.

B. Auxiliary Gate Valve and Box:

1. Hydrants shall be installed complete with auxiliary valve with adjustable height valve box.

C. Post Indicator Valve (PIV) shall be Kennedy #641 or approved equivalent.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install in accordance with standard detail C - XXXX and manufacturer’s instructions.