

1. 150' MAXIMUM ALLOWABLE DISTANCE FROM A FDC (FIRE DEPARTMENT CONNECTION) TO A FIRE HYDRANT.
2. NORMALLY HYDRANTS SHALL BE A MINIMUM DISTANCE OF 40 FT. FROM A BUILDING. HYDRANTS CAN BE CLOSER THAN 40 FT. TO A BUILDING BASED UPON A REVIEW BY THE FIRE OFFICIAL.
3. FIRE HYDRANT SPACING:
 - A. 300' SEPARATION BETWEEN HYDRANTS IN A COMMERCIAL ZONE.
 - B. 300' TO 500' SEPARATION BETWEEN HYDRANTS IN A RESIDENTIAL NEIGHBORHOOD.
 - C. 1,000' SEPARATION IN UNDEVELOPED AREAS.
4. 7.5' CLEARANCE IN FRONT AND TO THE SIDES (SEMI-CIRCLE) OF HYDRANTS, 4.5' BEHIND.
5. WET FIRE HYDRANTS ARE REQUIRED PRIOR TO, DURING AND AFTER CONSTRUCTION.
6. THE FOLLOWING HORIZONTAL SEPARATION REQUIREMENTS FOR FIRE HYDRANT DRAINS IS REQUIRED:
 - A. 3' (MIN.) FROM EXISTING OR PROPOSED STORM SEWER, SANITARY FORCE MAIN, OR PIPELINE CONVEYING REGULATED RECLAIMED WATER.
 - B. 3' (MIN.) TO 10' (PREFERABLE) FROM EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
 - C. 6' (MIN.) TO 10' (PREFERABLE) FROM EXISTING OR PROPOSED GRAVITY OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR PIPELINE CONVEYING NON-REGULATED RECLAIMED WATER.
 - D. 10' (MIN.) FROM EXISTING OR PROPOSED ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM.

ROADWAY ACCESS

1. 18' OF CLEARANCE FROM HYDRANTS TO ANYTHING ALONG THE ROADWAY, SUCH AS PARKING SPACES.
2. FOR FIRE TRUCK ACCESS, THE MIN. DRIVEWAY WIDTH ON THE ENTRY DRIVE SHALL BE 20'. LESS THAN 20' ON EXIT DRIVE CAN BE APPROVED BY THE FIRE OFFICIAL AFTER REVIEW.
3. THE MINIMUM RADIUS FOR CULODE-SAC DESIGNS IS 50' OF PAVED AREA. FOR FIRE TRUCK TURNING RADIUS, 'T' OR 'Y' TURN-A-ROUNDS CAN BE APPROVED BY THE FIRE OFFICIAL AFTER REVIEW.
4. FIRE TRUCKS NEED TO HAVE NO LESS THAN 13.5' HIGH VERTICAL CLEARNACE FOR THE TRUCK TO DRIVE THROUGH AN OPENING.

REVISED: SEPT-2009	PRESSURE PIPE - FIRE HYDRANT REQUIREMENTS: R.O.W. HYDRANTS	STANDARD DETAIL
ISSUED: SEPT - 2009	CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.	P-8.1