

# SERVICES

## GENERAL

Service lines shall be sized to accommodate the combined domestic and irrigation demand of the individual lot or parcel. Residual pressure at the connection to the structure or other facility shall be as required by individual circumstances but in no case shall the residual pressure be less than twenty (20) pounds per square inch (psi). Maximum velocity in the service line shall be twelve (12) feet per second.

## SIZE

Standard Drawings WW-129 thru WW-134 specify the material and installation requirements for service lines and appurtenances two (2) inch size and smaller. Minimum service line and water meter sizes per lot size shall be as follows:

Less than one (1) acre: Three fourth (3/4) inch service

Equal to, or greater than one (1) acre, but less than three (3) acres: One (1) inch service

Equal to, or greater than three (3) acres, but less than five (5) acres: One and one half (1-1/2) inch service

Equal to, or greater than five (5) acres: Two (2) inch service

Three (3) inch and larger service lines shall conform to the details on Standard Drawings WW-135 thru WW-139. Complete, dimensioned details of the proposed construction including pit piping and components shall be submitted to the Water Works Superintendent for his approval prior to fabrication. The submittal shall include manufacturer's name, model number, and complete details of the proposed components.



VILLAGE OF INDIAN HILL  
DEPARTMENT OF WATER WORKS

APPROVED *[Signature]*  
DATE November 2011

DESIGN CRITERIA FOR  
WATER MAIN  
AND APPURTENANCES

DRAWING NO.  
WW-104