

WATER DATA SHEET

Date: _____ Revised: _____ JCC Case: _____

I. GENERAL INFORMATION:

Project Name: _____

Project Address: _____

Developer: _____

Submitted By: _____

Contact Person: _____

Address: _____

Phone: _____ Email: _____

II. DESIGN INFORMATION:

Source of Water: _____

Flow Information:

Type of Development	Number of Units	Flow (GPD/Unit)	Flow Duration (Hr.)	Total Flow (GPD)
Totals				

Per Fixture Units: Yes No

Type of Development	Irrigation Demand (gpm)	Average Day Demand (gpm)	Maximum Day Demand (gpm)	Peak Hour Demand (gpm)
Totals				

Hydraulic Analysis:

Peak Hour Demand (gpm) + Irrigation Demand (gpm):

_____ @ _____ psi > 40 psi (Node _____)

(Attach a hydraulic analysis that supports the above flow and pressure results)

Water Data Sheet Continued

Date: _____ Revised: _____ JCC Case: _____

Project Name: _____

Project Address: _____

III. FIRE FLOW INFORMATION:

- a. Actual Fire Flow Test Information: *(Attach a copy of fire flow test with this form.)*
- b. Fire flow to support this project per JCSA Criteria Section 2.12:
_____ gpm @ 20 psi
- c. Fire flow to support this project per JCC Fire Department (provide supporting documentation if different from the JCSA fire flow standards above):
_____ gpm @ 20 psi
- d. Fire Flow Hydraulic Analysis:
Fire Flow (gpm) + Peak Hour Demand (gpm) + Irrigation demands (gpm):
_____ gpm @ _____ psi. > 20 psi (Node _____)
(Attach a hydraulic analysis that supports the above flow and pressure results)
- e. Number of existing fire hydrants: _____
- f. Number of proposed fire hydrants: _____
- g. Dedicated fire service: Y / N
- h. If there is dedicated fire service: Size _____ Quantity(number of connections) _____

Note: A maximum single flow from any fire hydrant shall not exceed 1,000 gpm.

Water Data Sheet Continued

IV. WATER DISTRIBUTION INFORMATION:

- a. Water Distribution Main (Include Fire Hydrant Assemblies, exclude service pipes smaller than 4- inch in diameter):

Pipe Diameter (Inches)	Pipe Length (Feet)	Material Type (DI, PVC, etc.)
Total		

- b. Water Meter Assemblies:

Water Meter Size (Inches)	Quantity	Meter Type (Domestic, Irrigation, Detector Check, Protectus III)

Note: Water meter sizing for commercial site plans shall be calculated using the International Plumbing Code as adopted and amended by the Uniform Statewide Building Code (latest edition) for fixture counts and flow values and the AWWA Manual – M22 for water meter size based on the calculated flow rates. Meter sizing shall be based on 80% meter capacity unless approved otherwise by JCSA. Provide a copy of the water meter sizing calculations with this form. Submit calculations which verify the existing or proposed water service pipe velocities do not exceed 5 feet per second based on the peak hour demand.

- c. Casing Pipe:

Diameter _____ (Inches), Length _____ (Feet)

Diameter _____ (Inches), Length _____ (Feet)