COMMERCIAL & MULTI-FAMILY WATER METER SIZING FORM

This form must be submitted to Fountain Utilities along with the Utilities Service Plan.

Applicant's Name: Richie Lyon, PE (HR Green Development LLC) (Print Name) Phone #: (719) 318-0871

Service Address: Southmoor Drive and Fontaine Boulevard

Legal Description: _____ Tax ID #: 6513314015, 6513300021, 6524200052, 6524200053

(Attach Legal Description if Plat not available)

Use of Facility: 1 BR Unit

Phased Construction: Y (N) (Circle Answers) Number of Construction Phases: (1) 2 3 4 5 Other:_____ (Circle Answers)

Combined Domestic/Irrigation: Y (N) Domestic Only (Y) N Irrigation Only Y (N)

I, the undersigned, hereby declare that the preceding information is true and correct to the best of my knowledge.

_____

Applicant/Owner's Signature **Date**

Flow:

The Design Engineer/Architect must submit this form supporting the proposed water meter sizing to be installed in the proposed structure to the City of Fountain Utilities along with the Utility Service Plan.

Static Hydraulic gradient elevation: _____ Feet (Obtained from City of Fountain)

Irrigation Flow Rate: I) Normal _____5_____ (gpm) Peak _____8_____ (gpm)

Domestic Flow Rate: I) Normal _____10_____ (gpm) Peak _____16.5_____ (gpm)

Total Irrigation Flow Rate: Normal _____ (gpm) Peak _____ (gpm)

Total Domestic Flow Rate: Normal _____ (gpm) Peak _____ (gpm)

TOTAL 15 **TOTAL** 24.5

(OVER)

Pressure Head Loss:

Static Pressure at Main: (SP) = _____ psi (Obtained by Owner's Inspection and/or City of Fountain)

Supply line length (SL) = 200 Feet (Frm Main to Building)

Difference in elevation between the water main and the highest point of service in the structure = ____10__ft.

Head Loss

(H) = (SP - 0.433 · Elevation Diff.) 4.3 psi

Circle Type of Backflow:

Air Gap	Pressure Vacuum Breaker (PVB) (Isolation Only)	Resistant Vacuum Breaker (SVB) (Isolation Only)
Fire Protection Only	*Reduced Pressure Assembly (RP) - (Containment)	

*** R.P. cannot be installed in vault - irrigation only unless have approved C.O.V. Drain Design ***

Proposed size of meter to be installed = 3/4 inch(es) Final Meter Size: _____ inch(es)

ADDITIONAL QUESTIONS:

1. Will this project utilize Xeriscape design? Y N
2. Is there an auxiliary water source (i.e., well, pond or creek at this property)? Y N

   If yes - Please explain: _____
3. Is there a separate fire line serving the building? Y N Size: _____ (inch)

(If No - R.P. Backflow Required)

4. Is this property going to have a fire sprinkler system? Y N (If Yes - R.P. Required)

NOTE: You will need to provide the fire sprinkler design calculation report before the meter will be installed. The Fire Department must review the sprinkler system.

5. Is this property going to have a decorative water feature (pond or swimming pool)? Y N

(If Yes - Drawing of Air Gap - Refill System)

6. Is meter installation in a pit or vault (exterior installation) or mechanical room (inside installation) Y N

FOR CITY OF FOUNTAIN'S USE ONLY:

Application received by: _____ Date: _____

Project Number: _____ RMS Number: _____

Type of meter to be installed by City of Fountain Utilities Dept.: _____

Meter Type: Positive Displacement Turbine Compound SingleJet

COMMERCIAL & MULTI-FAMILY WATER METER SIZING FORM

This form must be submitted to Fountain Utilities along with the Utilities Service Plan.

Applicant's Name: Richie Lyon, PE (HR Green Development LLC) (Print Name) Phone #: (719) 318-0871

Service Address: Southmoor Drive and Fontaine Boulevard

Legal Description: _____ Tax ID #: 6513314015, 6513300021, 6524200052, 6524200053

(Attach Legal Description if Plat not available)

Use of Facility: 2 BR Unit

Phased Construction: Y (N) (Circle Answers) Number of Construction Phases: (1) 2 3 4 5 Other:_____ (Circle Answers)

Combined Domestic/Irrigation: Y (N) Domestic Only (Y) N Irrigation Only Y (N)

I, the undersigned, hereby declare that the preceding information is true and correct to the best of my knowledge.

Applicant/Owner's Signature **Date**

Flow:

The Design Engineer/Architect must submit this form supporting the proposed water meter sizing to be installed in the proposed structure to the City of Fountain Utilities along with the Utility Service Plan.

Static Hydraulic gradient elevation: _____ Feet (Obtained from City of Fountain)

Irrigation Flow Rate:	I) Normal 5 (gpm)	Peak 8 (gpm)
Domestic Flow Rate:	I) Normal 16 (gpm)	Peak 20.1 (gpm)
Total Irrigation Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
Total Domestic Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
	TOTAL 21	**TOTAL** 28.1

(OVER)

Pressure Head Loss:

Static Pressure at Main: (SP) = _____ psi (Obtained by Owner's Inspection and/or City of Fountain)

Supply line length (SL) = 200 Feet (Frm Main to Building)

Difference in elevation between the water main and the highest point of service in the structure = ____10__ft.

Head Loss

(H) = (SP - 0.433 · Elevation Diff.) 4.3 psi

Circle Type of Backflow:

Air Gap	Pressure Vacuum Breaker (PVB) (Isolation Only)	Resistant Vacuum Breaker (SVB) (Isolation Only)
Fire Protection Only	*Reduced Pressure Assembly (RP) - (Containment)	

*** R.P. cannot be installed in vault - irrigation only unless have approved C.O.V. Drain Design ***

Proposed size of meter to be installed = 3/4 inch(es) Final Meter Size: _____ inch(es)

ADDITIONAL QUESTIONS:

1. Will this project utilize Xeriscape design? Y N
2. Is there an auxiliary water source (i.e., well, pond or creek at this property)? Y N

   If yes - Please explain: _____
3. Is there a separate fire line serving the building? Y N Size: _____ (inch)

(If No - R.P. Backflow Required)

4. Is this property going to have a fire sprinkler system? Y N (If Yes - R.P. Required)

NOTE: You will need to provide the fire sprinkler design calculation report before the meter will be installed. The Fire Department must review the sprinkler system.

5. Is this property going to have a decorative water feature (pond or swimming pool)? Y N

(If Yes - Drawing of Air Gap - Refill System)

6. Is meter installation in a pit or vault (exterior installation) or mechanical room (inside installation) Y N

FOR CITY OF FOUNTAIN'S USE ONLY:

Application received by: _____ Date: _____

Project Number: _____ RMS Number: _____

Type of meter to be installed by City of Fountain Utilities Dept.: _____

Meter Type: Positive Displacement Turbine Compound SingleJet

COMMERCIAL & MULTI-FAMILY WATER METER SIZING FORM

This form must be submitted to Fountain Utilities along with the Utilities Service Plan.

Applicant's Name: Richie Lyon, PE (HR Green Development LLC) (Print Name) Phone #: (719) 318-0871

Service Address: Southmoor Drive and Fontaine Boulevard

Legal Description: _____ Tax ID #: 6513314015, 6513300021, 6524200052, 6524200053

(Attach Legal Description if Plat not available)

Use of Facility: 3 BR Unit

Phased Construction: Y (N) (Circle Answers) Number of Construction Phases: (1) 2 3 4 5 Other:_____ (Circle Answers)

Combined Domestic/Irrigation: Y (N) Domestic Only (Y) N Irrigation Only Y (N)

I, the undersigned, hereby declare that the preceding information is true and correct to the best of my knowledge.

Applicant/Owner's Signature **Date**

Flow:

The Design Engineer/Architect must submit this form supporting the proposed water meter sizing to be installed in the proposed structure to the City of Fountain Utilities along with the Utility Service Plan.

Static Hydraulic gradient elevation: _____ Feet (Obtained from City of Fountain)

Irrigation Flow Rate:	I) Normal 5 (gpm)	Peak 8 (gpm)
Domestic Flow Rate:	I) Normal 16 (gpm)	Peak 19.4 (gpm)
Total Irrigation Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
Total Domestic Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
	TOTAL 21	**TOTAL** 27.4

(OVER)

Pressure Head Loss:

Static Pressure at Main: (SP) = _____ psi (Obtained by Owner's Inspection and/or City of Fountain)

Supply line length (SL) = 200 Feet (Frm Main to Building)

Difference in elevation between the water main and the highest point of service in the structure = ____10__ft.

Head Loss

(H) = (SP - 0.433 · Elevation Diff.) 4.3 psi

Circle Type of Backflow:

Air Gap	Pressure Vacuum Breaker (PVB) (Isolation Only)	Resistant Vacuum Breaker (SVB) (Isolation Only)
Fire Protection Only	*Reduced Pressure Assembly (RP) - (Containment)	

*** R.P. cannot be installed in vault - irrigation only unless have approved C.O.V. Drain Design ***

Proposed size of meter to be installed = 3/4 inch(es) Final Meter Size: _____ inch(es)

ADDITIONAL QUESTIONS:

1. Will this project utilize Xeriscape design? Y N
2. Is there an auxiliary water source (i.e., well, pond or creek at this property)? Y N

   If yes - Please explain: _____
3. Is there a separate fire line serving the building? Y N Size: _____ (inch)

(If No - R.P. Backflow Required)

4. Is this property going to have a fire sprinkler system? Y N (If Yes - R.P. Required)

NOTE: You will need to provide the fire sprinkler design calculation report before the meter will be installed. The Fire Department must review the sprinkler system.

5. Is this property going to have a decorative water feature (pond or swimming pool)? Y N

(If Yes - Drawing of Air Gap - Refill System)

6. Is meter installation in a pit or vault (exterior installation) or mechanical room (inside installation) Y N

FOR CITY OF FOUNTAIN'S USE ONLY:

Application received by: _____ Date: _____

Project Number: _____ RMS Number: _____

Type of meter to be installed by City of Fountain Utilities Dept.: _____

Meter Type: Positive Displacement Turbine Compound SingleJet

COMMERCIAL & MULTI-FAMILY WATER METER SIZING FORM

This form must be submitted to Fountain Utilities along with the Utilities Service Plan.

Applicant's Name: Richie Lyon, PE (HR Green Development LLC) (Print Name) Phone #: (719) 318-0871

Service Address: Southmoor Drive and Fontaine Boulevard

Legal Description: _____ Tax ID #: 6513314015, 6513300021, 6524200052, 6524200053

(Attach Legal Description if Plat not available)

Use of Facility: 51 Unit Apartment Building

Phased Construction: Y (N) (Circle Answers) Number of Construction Phases: (1) 2 3 4 5 Other:_____ (Circle Answers)

Combined Domestic/Irrigation: Y (N) Domestic Only (Y) N Irrigation Only Y (N)

I, the undersigned, hereby declare that the preceding information is true and correct to the best of my knowledge.

_____

Applicant/Owner's Signature **Date**

Flow:

The Design Engineer/Architect must submit this form supporting the proposed water meter sizing to be installed in the proposed structure to the City of Fountain Utilities along with the Utility Service Plan.

Static Hydraulic gradient elevation: _____ Feet (Obtained from City of Fountain)

Irrigation Flow Rate:	I) Normal _____8_____ (gpm)	Peak _____10_____ (gpm)
Domestic Flow Rate:	I) Normal _____104_____ (gpm)	Peak _____124_____ (gpm)
Total Irrigation Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
Total Domestic Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
	TOTAL 112	**TOTAL** 134

(OVER)

Pressure Head Loss:

Static Pressure at Main: (SP) = _____ psi (Obtained by Owner's Inspection and/or City of Fountain)

Supply line length (SL) = 200 Feet (Frm Main to Building)

Difference in elevation between the water main and the highest point of service in the structure = __35__ft.

Head Loss

(H) = (SP - 0.433 · Elevation Diff.) 15.05 psi

Circle Type of Backflow:

Air Gap	Pressure Vacuum Breaker (PVB) (Isolation Only)	Resistant Vacuum Breaker (SVB) (Isolation Only)
Fire Protection Only	*Reduced Pressure Assembly (RP) - (Containment)	

*** R.P. cannot be installed in vault - irrigation only unless have approved C.O.V. Drain Design ***

Proposed size of meter to be installed = 2 inch(es) Final Meter Size: _____ inch(es)

ADDITIONAL QUESTIONS:

1. Will this project utilize Xeriscape design? Y N
2. Is there an auxiliary water source (i.e., well, pond or creek at this property)? Y N

   If yes - Please explain: _____
3. Is there a separate fire line serving the building? Y N Size: _____ (inch)

(If No - R.P. Backflow Required)

4. Is this property going to have a fire sprinkler system? Y N (If Yes - R.P. Required)

NOTE: You will need to provide the fire sprinkler design calculation report before the meter will be installed. The Fire Department must review the sprinkler system.

5. Is this property going to have a decorative water feature (pond or swimming pool)? Y N

(If Yes - Drawing of Air Gap - Refill System)

6. Is meter installation in a pit or vault (exterior installation) or mechanical room (inside installation) Y N

FOR CITY OF FOUNTAIN'S USE ONLY:

Application received by: _____ Date: _____

Project Number: _____ RMS Number: _____

Type of meter to be installed by City of Fountain Utilities Dept.: _____

Meter Type: Positive Displacement Turbine Compound SingleJet

COMMERCIAL & MULTI-FAMILY WATER METER SIZING FORM

This form must be submitted to Fountain Utilities along with the Utilities Service Plan.

Applicant's Name: Richie Lyon, PE (HR Green Development LLC) (Print Name) Phone #: (719) 318-0871

Service Address: Southmoor Drive and Fontaine Boulevard

Legal Description: _____ Tax ID #: 6513314015, 6513300021, 6524200052, 6524200053

(Attach Legal Description if Plat not available)

Use of Facility: 54 Unit Apartment Building

Phased Construction: Y (N) (Circle Answers) Number of Construction Phases (1) 2 3 4 5 Other:_____ (Circle Answers)

Combined Domestic/Irrigation: Y (N) Domestic Only (Y) N Irrigation Only Y (N)

I, the undersigned, hereby declare that the preceding information is true and correct to the best of my knowledge.

_____

Applicant/Owner's Signature **Date**

Flow:

The Design Engineer/Architect must submit this form supporting the proposed water meter sizing to be installed in the proposed structure to the City of Fountain Utilities along with the Utility Service Plan.

Static Hydraulic gradient elevation: _____ Feet (Obtained from City of Fountain)

Irrigation Flow Rate:	I) Normal _____8_____ (gpm)	Peak _____10_____ (gpm)
Domestic Flow Rate:	I) Normal _____108_____ (gpm)	Peak _____128_____ (gpm)
Total Irrigation Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
Total Domestic Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
	TOTAL 116	**TOTAL** 138

(OVER)

Pressure Head Loss:

Static Pressure at Main: (SP) = _____ psi (Obtained by Owner's Inspection and/or City of Fountain)

Supply line length (SL) = 200 Feet (Frm Main to Building)

Difference in elevation between the water main and the highest point of service in the structure = __35__ft.

Head Loss

(H) = (SP - 0.433 · Elevation Diff.) 15.05 psi

Circle Type of Backflow:

Air Gap	Pressure Vacuum Breaker (PVB) (Isolation Only)	Resistant Vacuum Breaker (SVB) (Isolation Only)
Fire Protection Only	*Reduced Pressure Assembly (RP) - (Containment)	

*** R.P. cannot be installed in vault - irrigation only unless have approved C.O.V. Drain Design ***

Proposed size of meter to be installed = 2 inch(es) Final Meter Size: _____ inch(es)

ADDITIONAL QUESTIONS:

1. Will this project utilize Xeriscape design? Y N
2. Is there an auxiliary water source (i.e., well, pond or creek at this property)? Y N

   If yes - Please explain: _____
3. Is there a separate fire line serving the building? Y N Size: _____ (inch)

(If No - R.P. Backflow Required)

4. Is this property going to have a fire sprinkler system? Y N (If Yes - R.P. Required)

NOTE: You will need to provide the fire sprinkler design calculation report before the meter will be installed. The Fire Department must review the sprinkler system.

5. Is this property going to have a decorative water feature (pond or swimming pool)? Y N

(If Yes - Drawing of Air Gap - Refill System)

6. Is meter installation in a pit or vault (exterior installation) or mechanical room (inside installation) Y N

FOR CITY OF FOUNTAIN'S USE ONLY:

Application received by: _____ Date: _____

Project Number: _____ RMS Number: _____

Type of meter to be installed by City of Fountain Utilities Dept.: _____

Meter Type: Positive Displacement Turbine Compound SingleJet

COMMERCIAL & MULTI-FAMILY WATER METER SIZING FORM

This form must be submitted to Fountain Utilities along with the Utilities Service Plan.

Applicant's Name: Richie Lyon, PE (HR Green Development LLC) (Print Name) Phone #: (719) 318-0871

Service Address: Southmoor Drive and Fontaine Boulevard

Legal Description: _____ Tax ID #: 6513314015, 6513300021, 6524200052, 6524200053

(Attach Legal Description if Plat not available)

Use of Facility: Clubhouse

Phased Construction: Y (N) (Circle Answers) Number of Construction Phases: (1) 2 3 4 5 Other:_____ (Circle Answers)

Combined Domestic/Irrigation: Y (N) Domestic Only (Y) N Irrigation Only Y (N)

I, the undersigned, hereby declare that the preceding information is true and correct to the best of my knowledge.

_____

Applicant/Owner's Signature **Date**

Flow:

The Design Engineer/Architect must submit this form supporting the proposed water meter sizing to be installed in the proposed structure to the City of Fountain Utilities along with the Utility Service Plan.

Static Hydraulic gradient elevation: _____ Feet (Obtained from City of Fountain)

Irrigation Flow Rate:	I) Normal _____8_____ (gpm)	Peak _____10_____ (gpm)
Domestic Flow Rate:	I) Normal _____31_____ (gpm)	Peak _____38_____ (gpm)
Total Irrigation Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
Total Domestic Flow Rate:	Normal _____ (gpm)	Peak _____ (gpm)
	TOTAL 39	**TOTAL** 48

(OVER)

Pressure Head Loss:

Static Pressure at Main: (SP) = _____ psi (Obtained by Owner's Inspection and/or City of Fountain)

Supply line length (SL) = 200 Feet (Frm Main to Building)

Difference in elevation between the water main and the highest point of service in the structure = __10__ft.

Head Loss

(H) = (SP - 0.433 · Elevation Diff.) 4.3 psi

Circle Type of Backflow:

Air Gap	Pressure Vacuum Breaker (PVB) (Isolation Only)	Resistant Vacuum Breaker (SVB) (Isolation Only)
Fire Protection Only	*Reduced Pressure Assembly (RP) - (Containment)	

*** R.P. cannot be installed in vault - irrigation only unless have approved C.O.V. Drain Design ***

Proposed size of meter to be installed = 1 inch(es) Final Meter Size: _____ inch(es)

ADDITIONAL QUESTIONS:

1. Will this project utilize Xeriscape design? Y N
2. Is there an auxiliary water source (i.e., well, pond or creek at this property)? Y N

   If yes - Please explain: _____
3. Is there a separate fire line serving the building? Y N Size: _____ (inch)

(If No - R.P. Backflow Required)

4. Is this property going to have a fire sprinkler system? Y N (If Yes - R.P. Required)

NOTE: You will need to provide the fire sprinkler design calculation report before the meter will be installed. The Fire Department must review the sprinkler system.

5. Is this property going to have a decorative water feature (pond or swimming pool)? Y N

(If Yes - Drawing of Air Gap - Refill System)

6. Is meter installation in a pit or vault (exterior installation) or mechanical room (inside installation) Y N

FOR CITY OF FOUNTAIN'S USE ONLY:

Application received by: _____ Date: _____

Project Number: _____ RMS Number: _____

Type of meter to be installed by City of Fountain Utilities Dept.: _____

Meter Type: Positive Displacement Turbine Compound SingleJet

COMPASS SURVEYING & MAPPING, LLC
Boundary, Mapping, ALTA/NSPS Surveys

February 15, 2024

LEGAL DESCRIPTION

A Tract of land located in a portion of the north half of the northwest quarter of section 24, and in a portion of the south half of the southwest quarter of section 13, all in Township 15 South, Range 66 West of the 6th p.m., County of El Paso, State of Colorado, and being more particularly described as follows:

Beginning at the intersection of the North line of said Northwest Quarter with the Northeasterly line of the county road, formerly known as the Colorado Springs and Pueblo Road and now known as Southmoor Drive;

Thence South 35 degrees 02 minutes 16 seconds East along said Northeasterly line of Southmoor Drive, a distance of 724.26 feet more or less;

Thence South 89 degrees 45 minutes 53 seconds East and parallel with the North line of said Northwest Quarter, a distance of 729.38 feet;

Thence North 34 degrees 32 minutes 34 seconds West along the Westerly boundary of five platted and unplatted tracts, a distance of 719.89 feet to a point on said North line of said Northwest Quarter;

Thence North 89 degrees 45 minutes 53 seconds West along said line, a distance of 184.33 feet to the Southwest corner of the Mart Subdivision;

Thence North 35 degrees 56 minutes 21 seconds West along the Westerly boundary of said Lot and the Northerly prolongation, a distance of 820.56 feet to an angle point in the boundary of Fountain Commons Subdivision Filing No. 3, according to the Plat thereof recorded May 4, 1995 at Reception No. 43479 of said county records;

Thence South 54 degrees 17 minutes 48 seconds West, along the boundary of said Subdivision, a distance of 195.60 feet to the Southeast corner of Lot 2 in said Subdivision; thence along the boundary of said Lot, the following three courses:
(1) thence North 35 degrees 38 minutes 00 seconds West, a distance of 245.87 feet;
(2) thence South 54 degrees 17 minutes 48 seconds West, a distance of 162.07 feet to a point on said Easterly line of Southmoor Drive;
(3) thence South 27 degrees 55 minutes 55 seconds East along said Easterly line of Southmoor drive, a distance of 248.15 feet to the Southwest corner of said Lot 2;

Thence South 29 degrees 35 minutes 30 seconds East along said Easterly line, a distance of 499.02 feet to the Point of Beginning.

County of El Paso, State of Colorado;

Excepting that parcel conveyed to the City of Fountain, Colorado by special Warranty Deed recorded July 28, 2016 under Reception No. 216083794.