

Flower Bed

Combination Applications: XF Series Dripline Grid with Xeri-Bug Emitters



ADVANTAGES:

- Up to 60% water savings
- No unsightly run off in high visibility areas
- No damage to walls, entry way or cart paths from overspray
- XF Dripline is easy to install, resulting in labor savings

INSTALLATION SOLUTION:

	XFD-06-12	XF Series Dripline .6 gph @ 12" Spacing
	XCZ-075-PRF	3/4" Xeri Control Zone Kit
→	MDCF Series	Easy Fit Compression Fittings/Adapters
OR		
↳	XFF Series	XFF Dripline 17mm Insert Fittings
	ARV050	1/2" Air Relief Valve
	TDS-050-30	Tie Down Stake
	XB XX*	Xeri-Bug Pressure Compensating Drip Emitters (0.5 to 2.0 gph)
	XQ-100	1/4" Distribution Tubing
	TDS-6050	Galvanized Tie Down Stake
	DCB-025	Diffuser Bug Cap



XFD



XM TOOL



XB XX

* Select appropriate emitter flow rate

TO DO LIST:

- Assemble Control Zone Kit and connect to water source.
- Cut lengths of XF Series Dripline to build grid in planting area.
- Connect lengths of XF Series Dripline to Easy Fit Fittings to create grid, add 1/2" Air Relief Valve.
- Connect Easy Fit Adapter to Easy Fit Tee for connection to Control Zone Kit.
- Stake XF Series Dripline grid in place.
- Punch self-piercing barb inlet of Xeri-Bug Emitters into XF Series Dripline, connect 1/4" tubing to barb outlet and run 1/4" tubing to larger plant.
- Stake tubing in place and attach Diffuser Bug Cap on the end.
- Flush system until clean water flows.
- Install planting material.

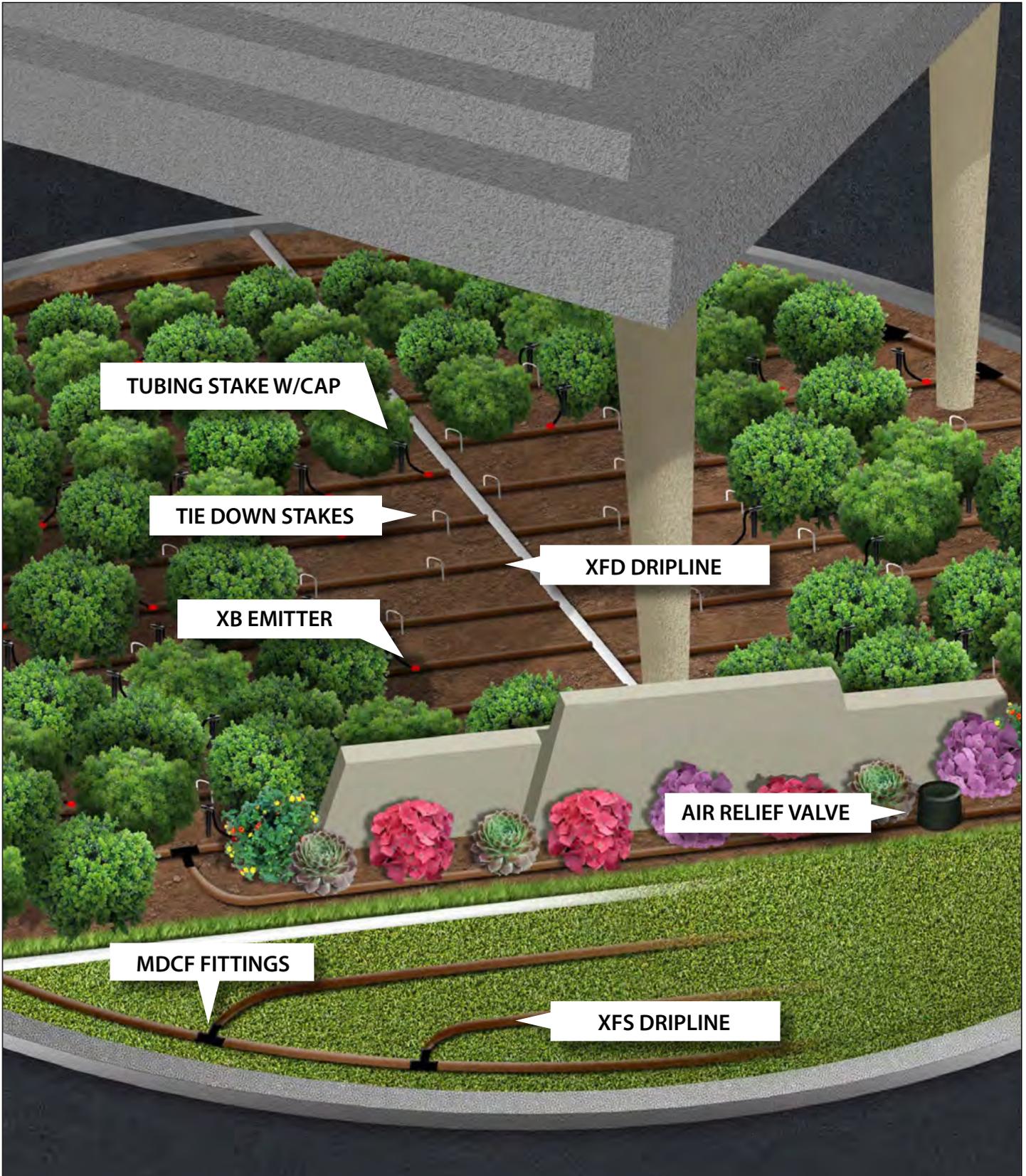
TIME: (approx.)

- 1 hr
- 10 min/50'
- 20 min/50'
- 5 min
- 5 min/10'
- 8 min/Emitter
- 3 min/Stake
- 2 min

INSTALLATION AND MAINTENANCE TIPS:

- ◆ Supplemental Xeri-Bug Emitters are placed next to larger plants with higher water requirements.
- ◆ Flush the zone upon installation and 2-4 times per year.
- ◆ Install Xeri-Bug Emitters with the Xeriman Tool (XM Tool) for 50% faster installation.
- ◆ Leave XF Series Dripline coil in the sun while preparing for installation.

Landscape Drip Application



Flower Bed Adjacent to Turf

Sparse Applications: Pressure Compensating Multi-Outlet Xeri-Bug Device on a PVC Lateral



ADVANTAGES:

- Up to 60% water savings
- Durable installation in high maintenance areas
- Targeted watering reduces weed growth and extends life of mulch
- Native plant life helps reduce water usage

INSTALLATION:

XBT-10-6	1.0 GPH Multi-Outlet Xeri-Bug Manifold
XQ-100	1/4" Distribution Tubing
TS-025	1/4" Tubing Stake
1/2" Riser	Sch-80 Riser 1/2" MPT
DCB-025	Diffuser Bug Cap
PVC Misc.	PVC Laterals, Fittings, Glue
SEB7X	Emitter Box (optional)



XBT-10-6



TS-025

TO DO LIST:

- Trench, cut and glue PVC laterals.
- Assemble Control Zone Kit and position in valve box.
- Connect Control Zone to water source and laterals.
- Thread 1/2" riser into PVC and thread 1.0 GPH Multi-Outlet Xeri-Bug Manifold onto riser.
- Connect 1/4" lines to manifold outlets and run to sparse plantings.
- Stake in place and add Diffuser Bug Cap to end of lines.
- Flush system until clean water flows.
- Add planting material and mulch.

TIME: (approx.)

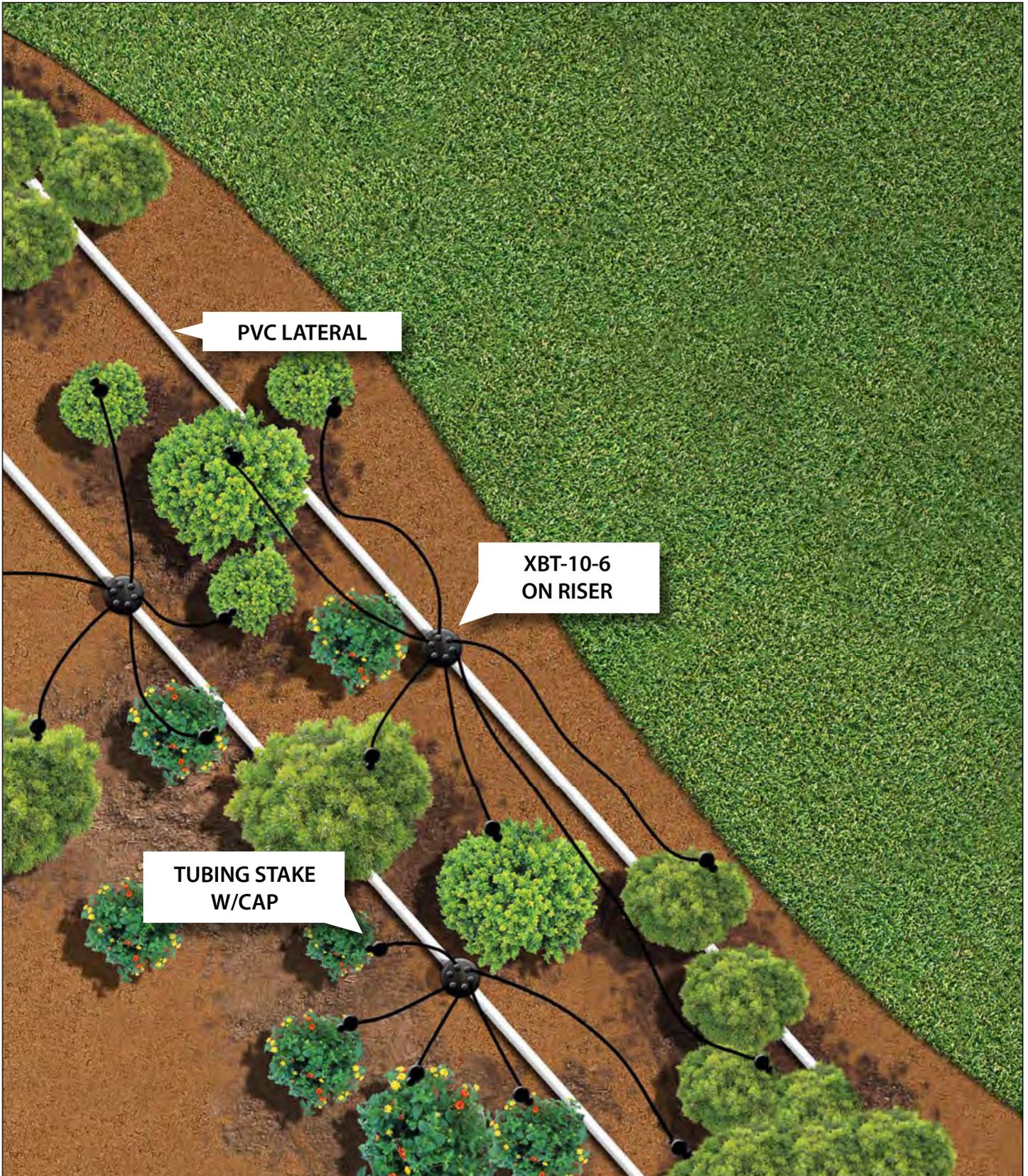
- 1 hr/20'
- 20 min
- 1 hr
- 5 min/Assembly
- 5 min/Line
- 3 min/Stake
- 2 min

INSTALLATION AND MAINTENANCE TIPS:

- ◆ Flush the zone after installation and 2-4 times per year.
- ◆ Do not run 1/4" lines more than 5'-8' from water source for optimal performance.
- ◆ Adjust watering time as seasons/weather changes.

Drip Tip

Use an SEB7X Emitter Box for added protection of the XBT-10-6 (optional).



Narrow Planting Bed Adjacent to a Structure

Sparse Application | Solution: Xeri-Bird 8 & Xeri-Bug Emitters on a PVC Lateral

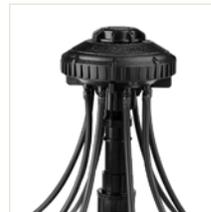


ADVANTAGES:

- Up to 60% water savings
- Xeri-Bird 8 Manifold with PRS offers pressure regulation, filtration and controlled watering to multiple plants
- Manifold allows for increase/decrease in future plant water demands

INSTALLATION:

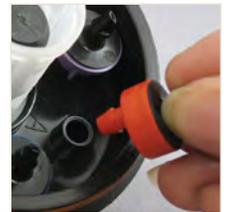
XBD-80	Xeri-Bird 8 Outlet Manifold
XB XX*	Xeri-Bug Pressure Compensating Drip Emitters (0.5 to 2.0 gph)
PRS-050-30	In-stem 30 psi Pressure Regulator
XQ-100	1/4" Distribution Tubing
TS-025	1/4" Tubing Stake
DCB-025	Diffuser Bug Caps
PVC Misc.	PVC Laterals, Fittings, Glue
SEB7X	Emitter Box



XBD-80



PRS-050-30



XB XX

* Select appropriate emitter flow rate and barbed or threaded connection

TO DO LIST:

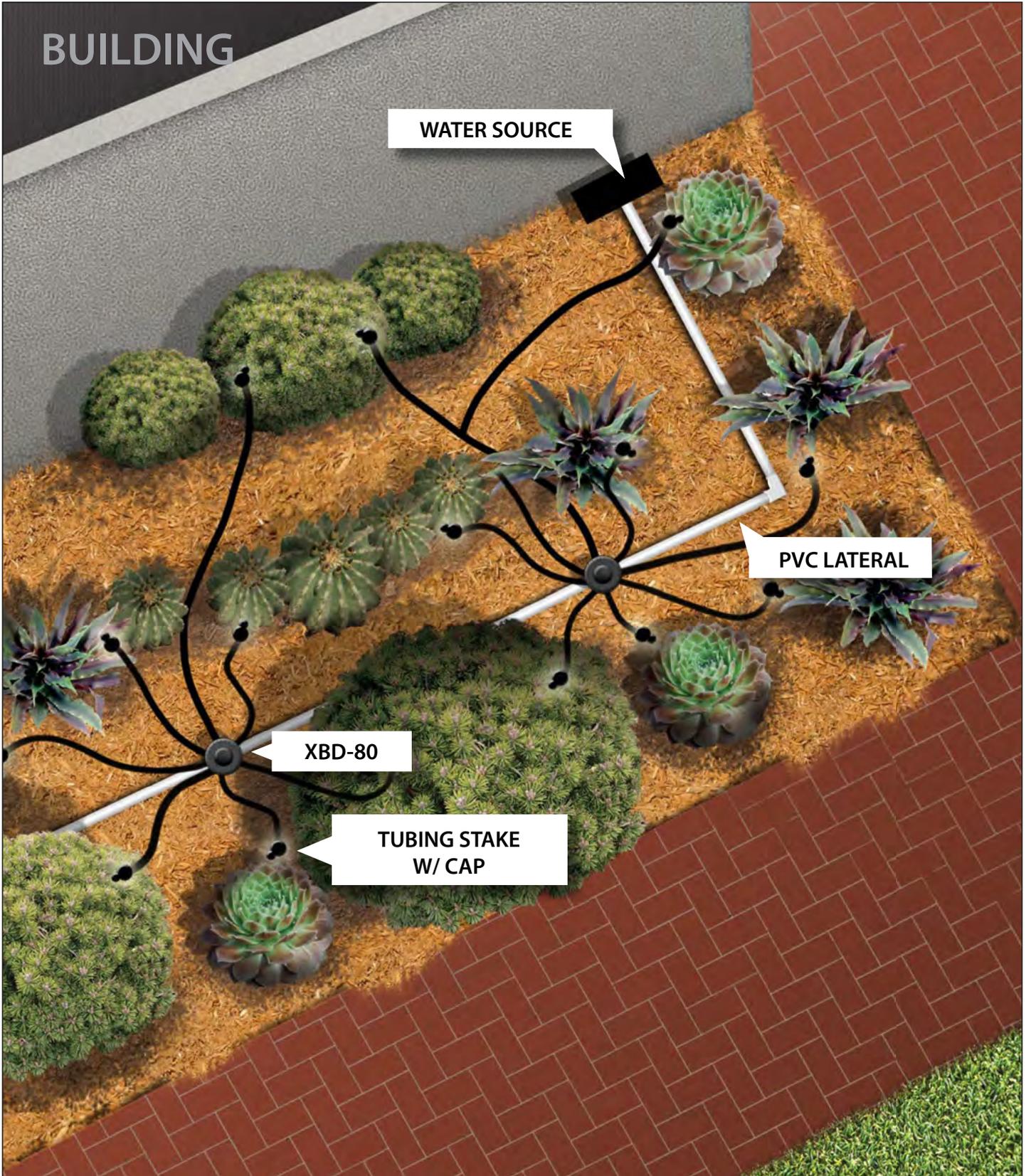
- Trench, cut and glue PVC laterals.
- Connect lines to water source.
- Thread Xeri-Bird 8 Outlet Manifold onto in-stem 30 psi Pressure Regulator, then connect to PVC tee.
- Attach 1/4" distribution tubing to outlets on Xeri-Bird 8 Outlet Manifold.
- Run 1/4" lines to plants, stake in place with a Diffuser Bug Cap on the end.
- Install the desired Xeri-Bug Emitter inside Xeri-Bird 8 Outlet Manifold.
- Use an SEB7X Emitter Box for added protection of the Xeri-Bird 8. (optional)

TIME: (approx.)

- 1 hr/20'
- 1 hr
- 8 min/Assembly
- 5 min/XBD-80
- 8 min/Stake
- 3 min/XBD-80

INSTALLATION AND MAINTENANCE TIPS:

- ◆ Flush the zone after installation and 2-4 times per year.
- ◆ Install Xeri-Bug Emitters in Xeri-Bird 8 Outlet Manifold with self-piercing barb end up.
- ◆ Leave 6" slack in 1/4" tubing next to manifold in case of unexpected maintenance.



Narrow Planting Next to a Structure

Dense Applications | Solution: XFD Dripline Grid



ADVANTAGES:

- Up to 60% water savings due to zero wind loss
- No runoff = reduced liability in high traffic areas
- No overspray damage to structures, fences or windows
- XFD Dripline is easy to install, resulting in labor savings

INSTALLATION:

XFD-06-12	XFD Dripline .6 gph @ 12" Spacing
XCZ-100-PRF	1" Xeri Control Zone Kit
ARV050	½" Air Relief Valve
↳ MDCF Series	Easy Fit Compression Fittings/Adapters
↳ XFF Series	XFF Dripline 17mm Insert Fittings
TDS-050	Tie Down Stake



1/2" AIR RELIEF VALVE KIT



XFF FITTINGS

TO DO LIST:

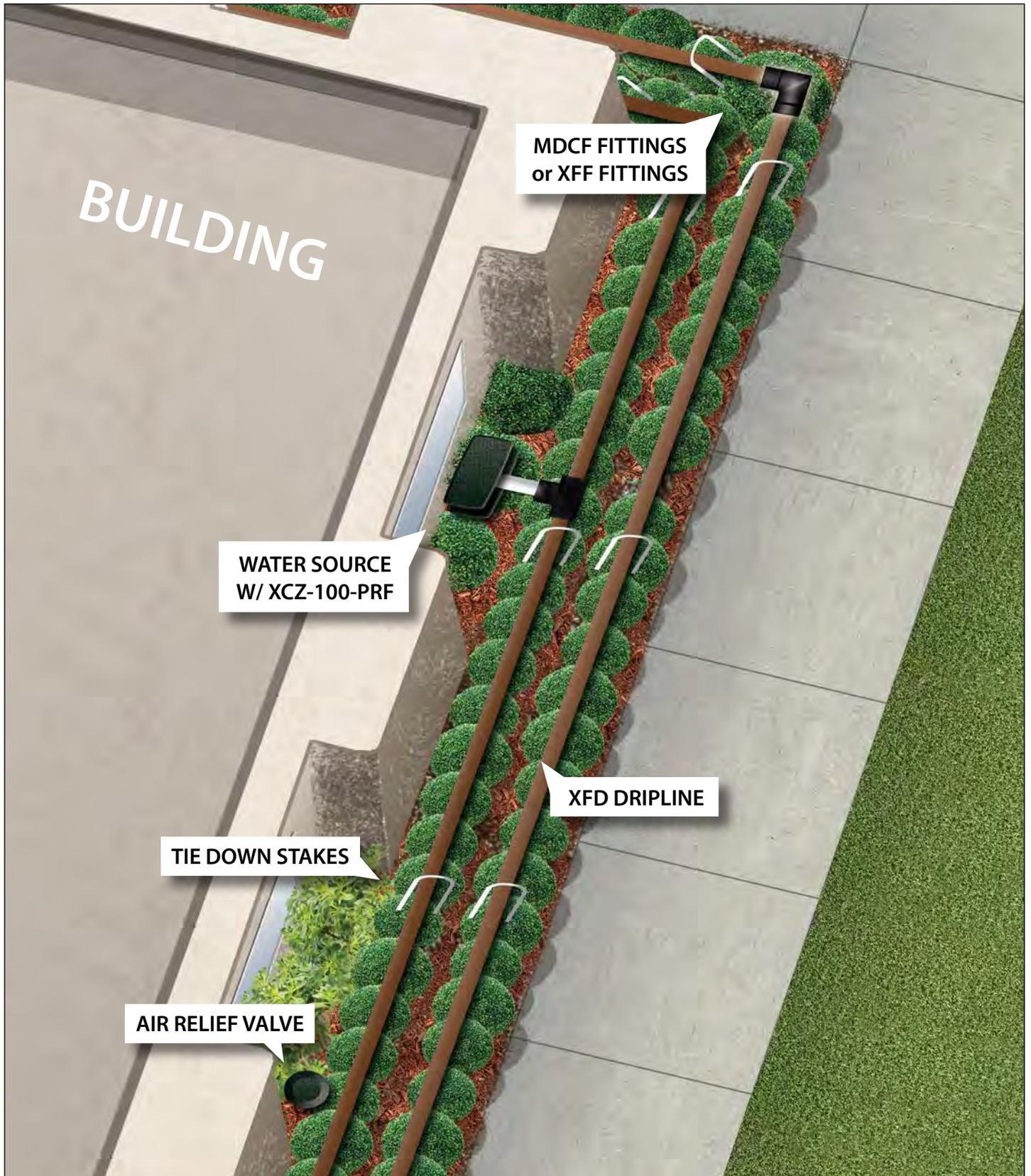
- Assemble Control Zone Kit and connect to water source.
- Cut lengths of XF Dripline to build grid in planting area.
- Connect lengths of XF Dripline to Easy Fit Fittings (or XFF Dripline Fittings) to create grid.
Add 1/2" Air Relief Valve kit to the zone.
- Connect Easy Fit Adapter to Easy Fit Tee for connection to Control Zone Kit.
- Stake XF Dripline grid in place and flush until clean water flows.
- Install planting material.

TIME: (approx.)

- 1hr
- 10min/50'
- 25 min/50'
- 5 min
- 5 min/50'

INSTALLATION AND MAINTENANCE TIPS:

- ◆ Flush the zone after installation and 2-4 times per year.
- ◆ Install Air Relief Valve Kit at high point in the system.
- ◆ Leave XFD Dripline coil in the sun while preparing for installation.



Narrow Planting Next to a Structure

Dense Applications | Solutions: SQ Series Nozzle



ADVANTAGES:

- Precise square wetting pattern – reducing overspray, overwatering, and runoff
- Up to 65% water savings due to efficient control of water placement with pressure compensation
- Adjustable radius or throw in one unit makes design and installation simple
- Highest distribution uniformity in the industry for short radius nozzles

INSTALLATION:

SQ-XXX*	SQ Series Nozzles
PA-8S	Plastic Shrub Adapter for use with Schedule 80 Risers
SQ ADP	SQ PolyFlex Riser Adapter for use with PFR-FRA PolyFlex Risers
PFR-FRA	12" PolyFlex Riser with ½" Male Threaded Base Adapter
PVC Misc	PVC Laterals, Fittings, Glue

* Half, full, or quarter nozzles as needed for planting bed



SQ NOZZLES

TO DO LIST:

- Trench, cut and glue PVC laterals.
- Connect lines to water source.
- Thread in Schedule 80 riser, attach PA-8S Adapter and SQ Series Nozzle.
- Thread in PFR-FRA 12" PolyFlex Riser into PVC tee, attach SQ ADP Adapter and SQ Series nozzle.

TIME: (approx.)

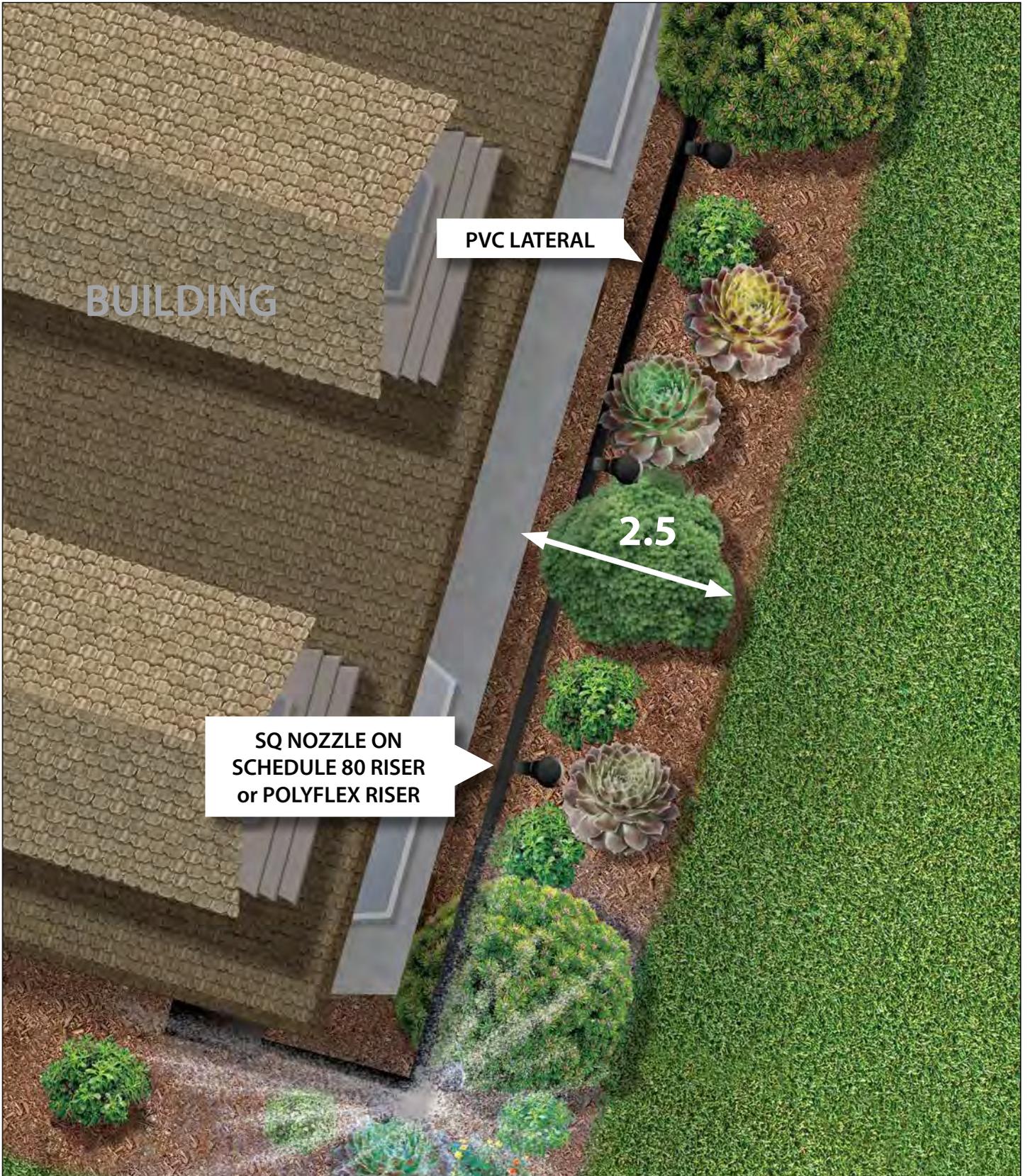
- 1 hr / 20'
- 1 hr
- 5 min / Assembly
- 5 min / Assembly

INSTALLATION AND MAINTENANCE TIPS:

- ◆ Flush the zone after installation and 2-4 times per year.
- ◆ Adjust watering time as seasons/weather changes.
- ◆ Ensure that all SQ Series Nozzles are adjusted to the appropriate throw distance.

Drip Tip

All SQ Series Nozzles in the same zone should be adjusted to either 2.5' or 4' throw. DO NOT mix throw settings in the same zone.



Narrow Planting Bed Next to a Structure

Combination Applications: XFD Dripline Grid with Xeri-Bug Emitters



ADVANTAGES:

- Up to 60% water savings due to zero wind loss
- XFD Dripline is easy to install for labor savings
- No overspray damage to structures, fences or windows

INSTALLATION:

XFD-06-12	XFD Dripline .6 gph @ 12" Spacing
XCZ-075-PRF	3/4" Xeri Control Zone Kit
OR	
MDCF Series	Easy Fit Compression Fittings/Adapters
XFF Series	XFF Dripline 17mm Insert Fittings
TDS-050 BEND	Tie Down Stake
ARV050	1/2" Air Relief Valve
XB XX*	Xeri-Bug Pressure Compensating Drip Emitters (0.5 to 2.0 gph)
DT-025	1/4" Distribution Tubing
TS-025	1/4" Tubing Stake
DCB-025	Diffuser Bug Cap



XFD



TS-025



XB XX

* Select appropriate emitter flow rate

TO DO LIST:

- Assemble Control Zone Kit and connect to water source.
- Cut lengths of XFD Dripline to build grid in planting area.
- Connect lengths of XF Series Dripline to Easy Fit Fittings (or XFF Dripline fittings) to create grid, add Air Relief Valve
- Connect Easy Fit Adapter to Easy Fit Tee for connection to Control Zone Kit.
- Stake XF Series Dripline grid in place.
- Punch self-piercing barb inlet of Xeri-Bug Emitters into XF Series Dripline, connect 1/4" tubing to barb outlet and run 1/4" tubing to larger plant.
- Stake tubing in place and attach Diffuser Bug Cap on the end.
- Flush system until clean water flows.
- Install planting material.

TIME: (approx.)

- 1 hr
- 10 min/50'
- 20 min/50'
- 5 min
- 5 min/10'
- 8 min/Emitter
- 3 min/Stake
- 2 min

INSTALLATION AND MAINTENANCE TIPS:

- ◆ Supplemental Xeri-Bug Emitters are placed next to larger plants with higher water requirements.
- ◆ Flush the zone upon installation and 2-4 times per year.
- ◆ Install Xeri-Bug Emitters with the Xeriman Tool (XM Tool) for 50% faster installation.
- ◆ Leave XF Series Dripline coil in the sun while preparing for installation.

