Orbit® Sprinkler System Designer™

PREPARATION GUIDE
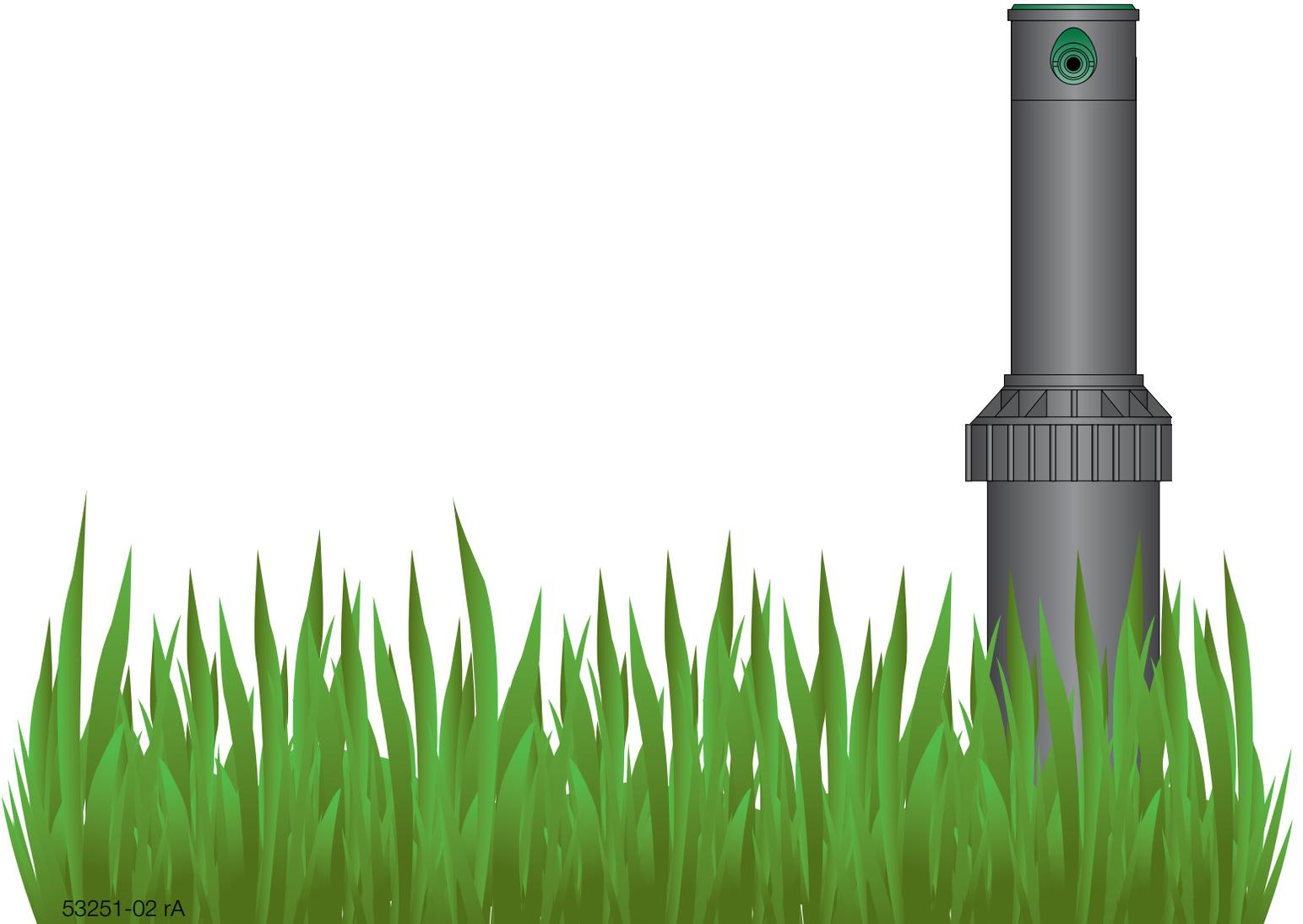
Use our *no hassle, no wait, no charge, Sprinkler System Designer™ Program* at *orbitonline.com*

This guide makes it easy and walks you through the preliminary steps needed before you start designing online.

Draw a rough sketch of your yard and record important measurements and information about your property. Once online, you will be able to draw your property, view your design, and then print your plan—all at the click of a mouse.

① Draw my property
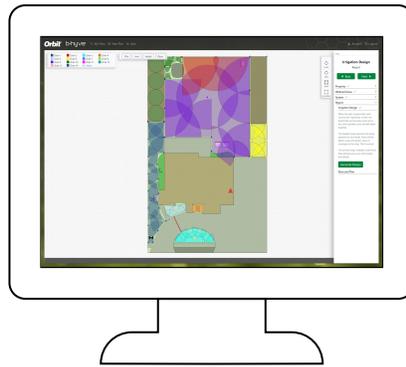
② View my design
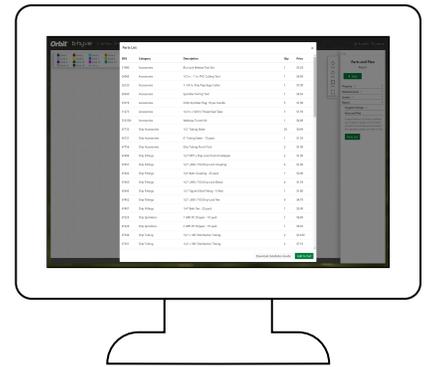
③ Print my plan

BEFORE YOU BEGIN
BE SURE YOU HAVE THESE ITEMS

These three items are all you need to begin the Orbit® Sprinkler System Designer™ Program at orbitonline.com*

*See last page for directions
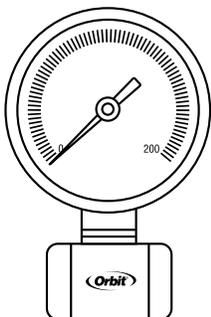
Orbit® Water Pressure Gauge
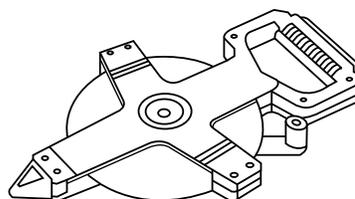
Tape Measure
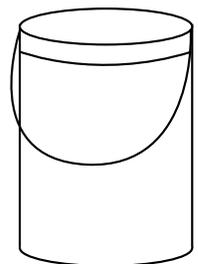
Utility Bucket

GRAB A PENCIL
IT'S TIME TO DRAW YOUR PROPERTY

Use this sample layout as a reference to complete your own property drawing on the following pages.

Orbit®

← 100' →

24'

DECK
10' X 52'

GARAGE
24' X 28'

90'

90'

HOUSE
52' X 40'

← 12' →

← 12' →

DRIVEWAY
24' X 28'

FLOWER BED
4' X 30'

WALK
4' X 22'

12'

← 100' →

SAMPLE
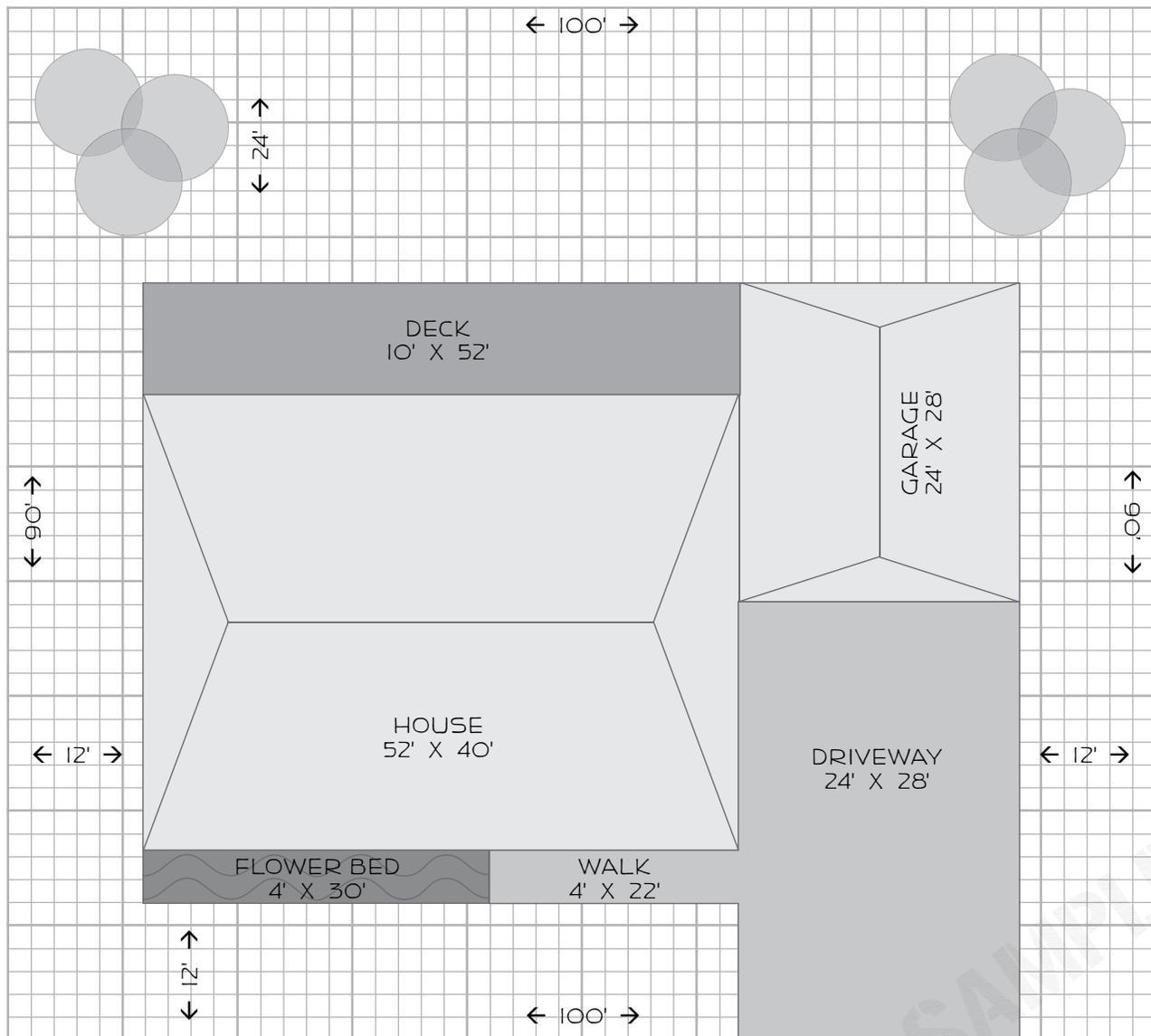
QUICK TIPS FOR MEASURING YOUR PROPERTY

1 | Measure perimeter of lot and sketch on graph paper.

2 | Measure and sketch house in the correct position on the lot.

3 | Measure and sketch features such as sidewalk, driveway, flower beds and trees.

4 | Check measurements of all objects relative to each other to ensure accuracy.

Layout Graph Paper   **Graph Scale** ☐ = 2 ft.   ☐☐☐☐☐ = 10 ft.
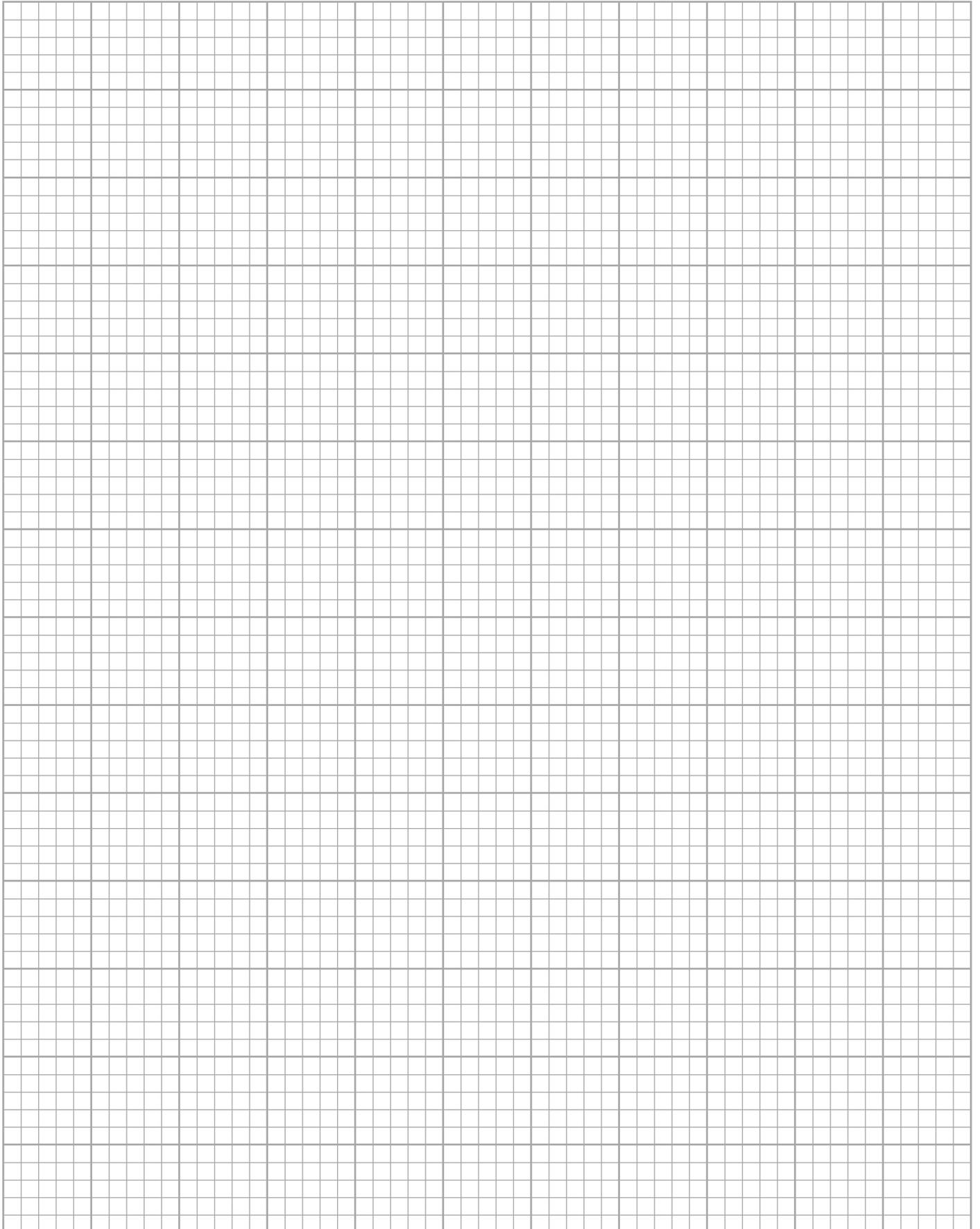
Layout Graph Paper   **Graph Scale**   ☐ = 2 ft.   ☐☐☐☐☐ = 10 ft.
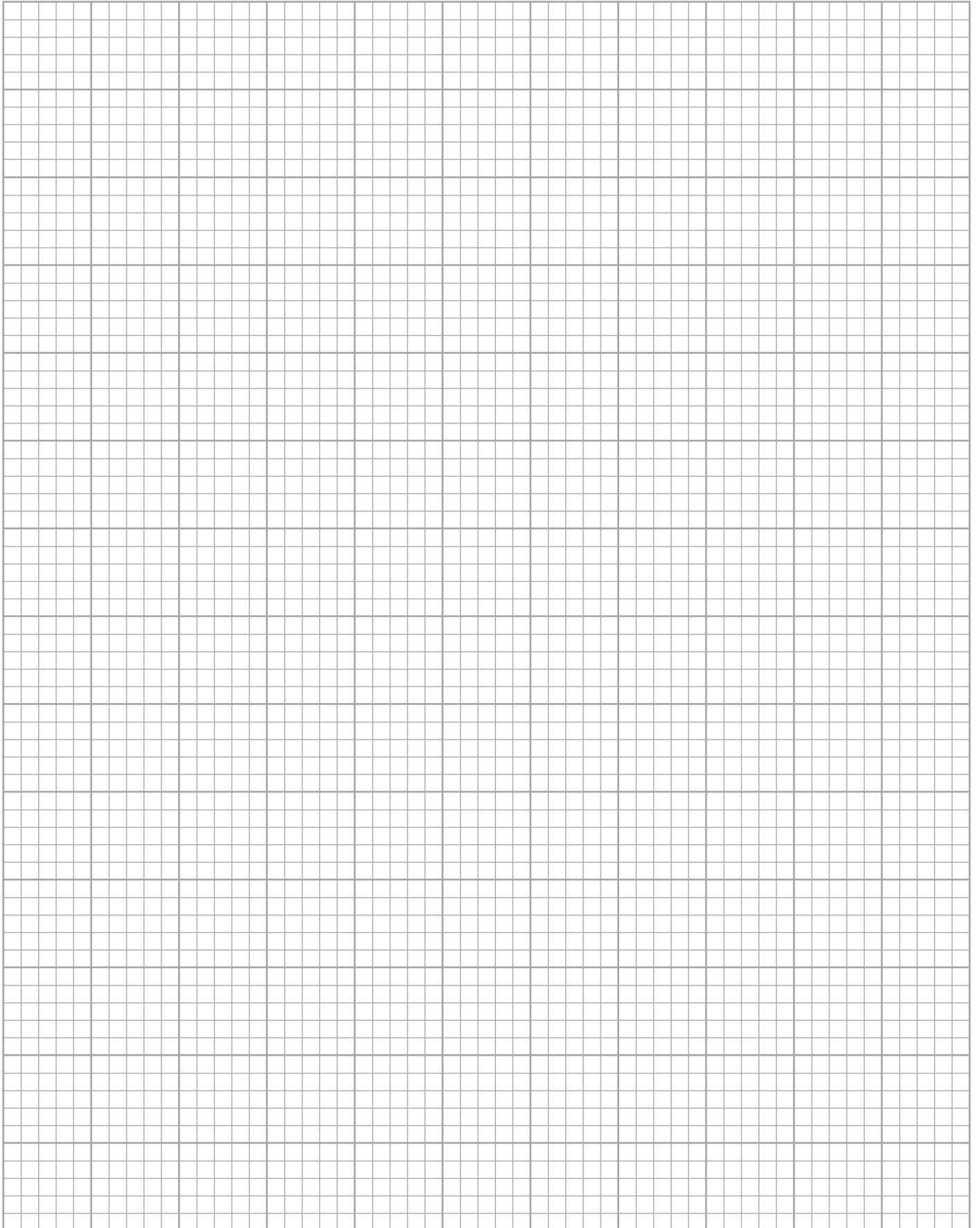
BEFORE YOU LOG ON

ANSWER THESE QUESTIONS ABOUT YOUR WATER*

1

WATER SOURCE

☐ City / Culinary / Secondary

☐ Pump / Well

WATER SOURCE

What is the source of the water you will use for your sprinkler system? In most cases you should check City/Culinary/Secondary. Only if you have a well or pump that directly supplies your system should you check Well /Pump.

PIPE TYPE

☐ Copper   ☐ Galvanized   ☐ PVC

PIPE TYPE

Compare your water source pipe to the pictures on the left to determine which type of pipe you have. If your water source also supplies your house you can usually determine the pipe type at the location in which it enters your home. Otherwise you may need to dig down to the pipe to collect this information.

STRING LENGTH

☐ 2 in.

☐ 2 ¾ in.

☐ 3 ¼ in.

☐ 3 ½ in.

☐ 4 ¼ in.

STRING LENGTH

As shown in the illustration to the left, measure the length of string required to wrap once around the water source pipe. Mark the box that is closest to the measured length.

2

PRESURE TEST

_____ PSI
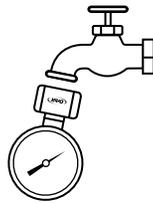
STATIC PRESSURE

Connect an Orbit® pressure gauge to the water source and record the reading. To measure house pressure, connect to an outside faucet and make sure that no water is being used inside or outside. We recommend that you take pressure readings as close to the time of day when you will use your sprinkler system as possible. Take several readings at different times, even different days, and record the lowest one.

3

BUCKET TEST

Bucket Size

☐ 1 gal.   ☐ 2 gal.

☐ 3 gal.   ☐ 4 gal.

☐ 5 gal.   ☐ 6 gal.

It took _____ seconds to fill.

BUCKET TEST

You will need a bucket (see list for sizes that can be used) and something to measure time in seconds like a watch or stopwatch. Use the same outside faucet as used for the pressure test. Make sure no other water is running on the system at the same time. Open the faucet fully then simultaneously place the bucket under the faucet and start timing. Record how many seconds it takes to fill the bucket. We recommend that you perform the bucket test as close to the time of day when you will use your sprinkler system as possible. Take several readings at different times, even different days, and record the longest time.

4

☐ BACKFLOW prevention device type verified

Check with your city, county, state or water municipality agencies to determine the type of BACKFLOW prevention device required in your area.

YOU WILL BE PROMPTED TO PROVIDE THIS INFORMATION AFTER YOU LOG ON TO DESIGN.ORBITONLINE.COM