

**Design Analysis from page #56 in IFG.**

Examine the landscape design and plant database on the next page to answer the following questions. Notice in the design that in addition to the two trees numbered "1" and "2" there are 8 plants identified by the letters A – H. Also notice that the site has a range of soil moisture types and various degrees of sunlight and shade. Your task is to determine the environmental requirements for each of the plants labeled A through H in the design, and then based on those requirements, answer the questions below.

Plant A should be plant ID # \_\_\_\_\_

Plant B could be any of the following ID #s: \_\_\_\_\_

What plant type (not ID#) should be used for Plant C? \_\_\_\_\_

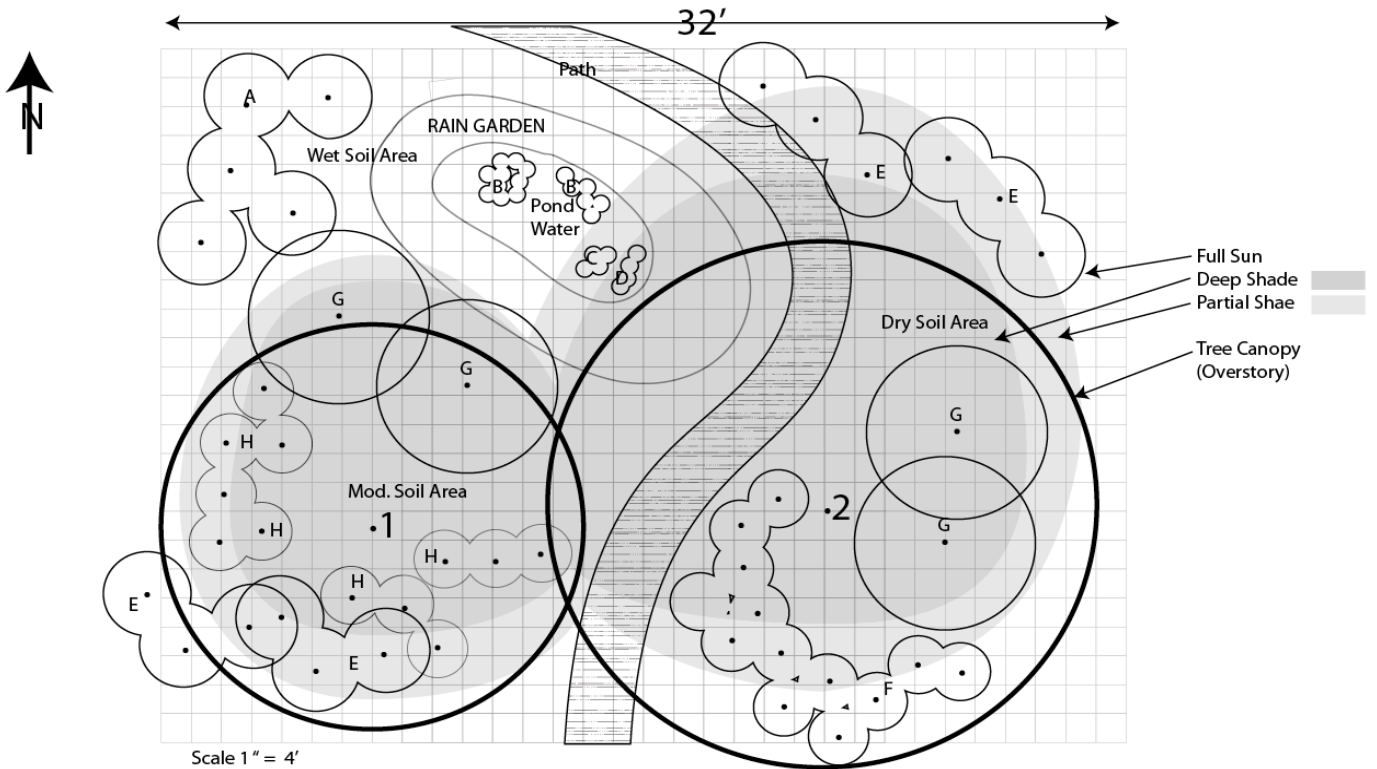
The only plant that is appropriate for the niche of Plant D has ID# \_\_\_\_\_.

Describe the light and moisture requirements for Plant E.

If Plant F is a dry soil plant it should have ID# \_\_\_\_\_.

If Plant G is a deciduous berry shrub it should have ID# \_\_\_\_\_.

If Plant H is a perennial understory plant that cannot tolerate full sun it should have ID# \_\_\_\_\_.



| Plant ID number | Common name | Plant type | Plant height | Plant spread | Light requirements | Soil moisture requirements |
|-----------------|-------------|------------|--------------|--------------|--------------------|----------------------------|
|-----------------|-------------|------------|--------------|--------------|--------------------|----------------------------|

|    |                        |                 |     |     |                              |                               |
|----|------------------------|-----------------|-----|-----|------------------------------|-------------------------------|
| 3  | Common Bladderwort     | Aquatic         | 8"  | 6"  | Full Sun, Partial Sun        | Aquatic                       |
| 4  | Sago Pondweed          | Aquatic         | 0   | 24" | Full Sun                     | Aquatic Submerged             |
| 5  | Coontail               | Aquatic         | 12" | 10" | Full Sun, Partial Sun, Shade | Aquatic Submerged,<br>Emerged |
| 6  | Consort Black Currant  | Deciduous Shrub | 5'  | 36" | Full Sun, Partial Sun        | Wet, Moderate                 |
| 7  | Roundleaf Serviceberry | Deciduous Shrub | 6'  | 6'  | Partial Sun, Shade           | Wet, Moderate, Dry            |
| 8  | Zig Zag Goldenrod      | Perennial       | 36" | 24" | Partial Sun, Shade           | Moderate                      |
| 9  | Jacobs Ladder          | Perennial       | 24" | 24" | Full Sun, Partial Sun        | Moderate                      |
| 10 | Wild Geranium          | Perennial       | 24" | 24" | Full Sun, Partial Sun, Shade | Moderate, Dry                 |
| 11 | Culvers Root           | Perennial       | 72" | 36" | Full Sun, Partial Sun        | Moderate, Dry,                |

- A This plant is in \_\_\_\_\_ Soils and full sun. It is a **6 Black Currant**
- B What plant(s) can be used here? List the I.D, numbers **3 - 7**
- C What type of plant is this? **Aquatic**
- D Only one plant can live in this niche. \_\_\_\_\_ **5 Coon Tail**
- E Describe this plants niche? **Dry, Partilal Sun**
- F What dry soil plant can be used here. \_\_\_\_\_ **10 Wild Geranium  
7 Roundleaf Service  
Berry**
- G This diciduous berry shrub is an understory plant. **13 ZigZag Goldenrod**
- H This perennial understory plant cannot tolerate full sun.