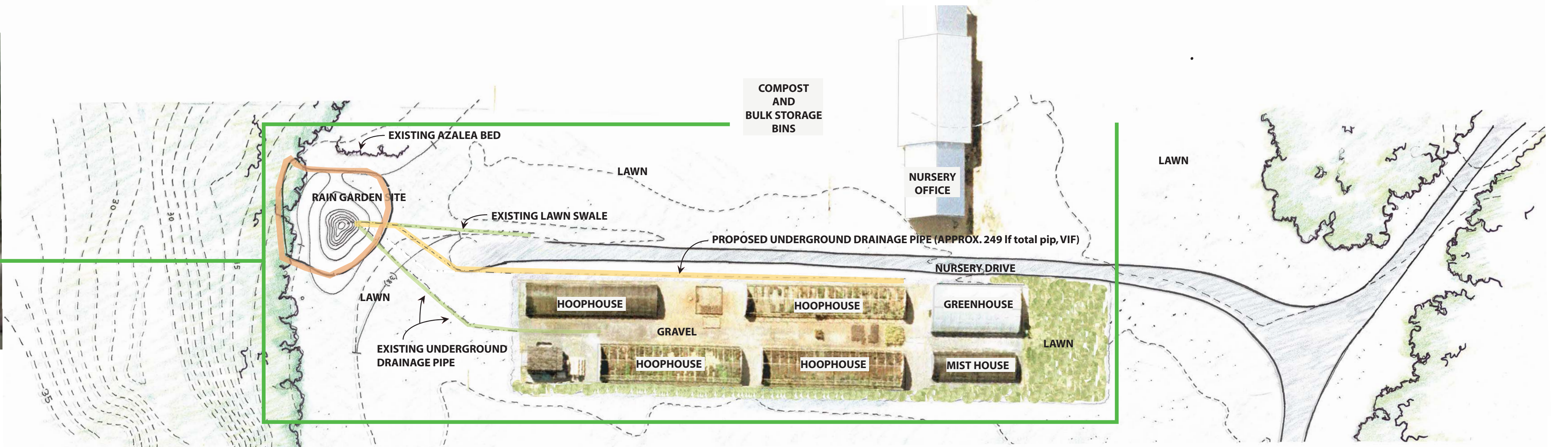
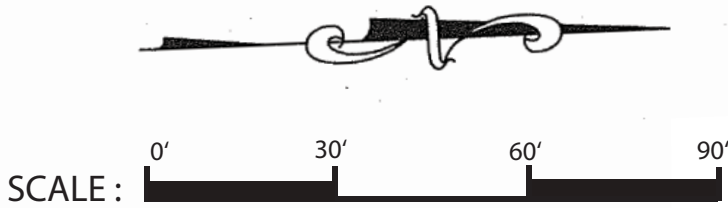




LOCATION MAP:
EXISTING NATIVE PLANT NURSERY & PROPOSED RAIN GARDEN SITE

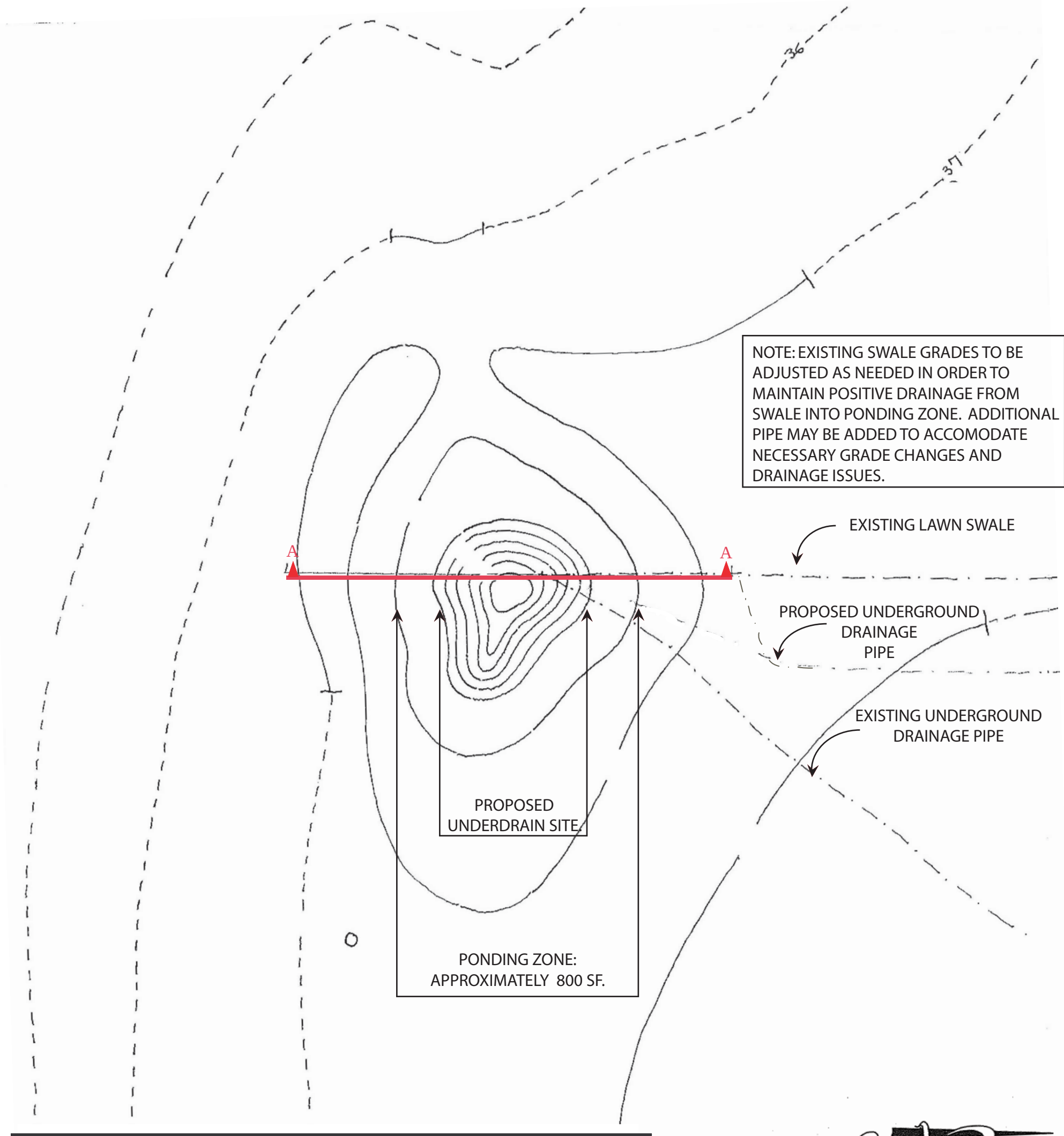


GENERAL NOTES:

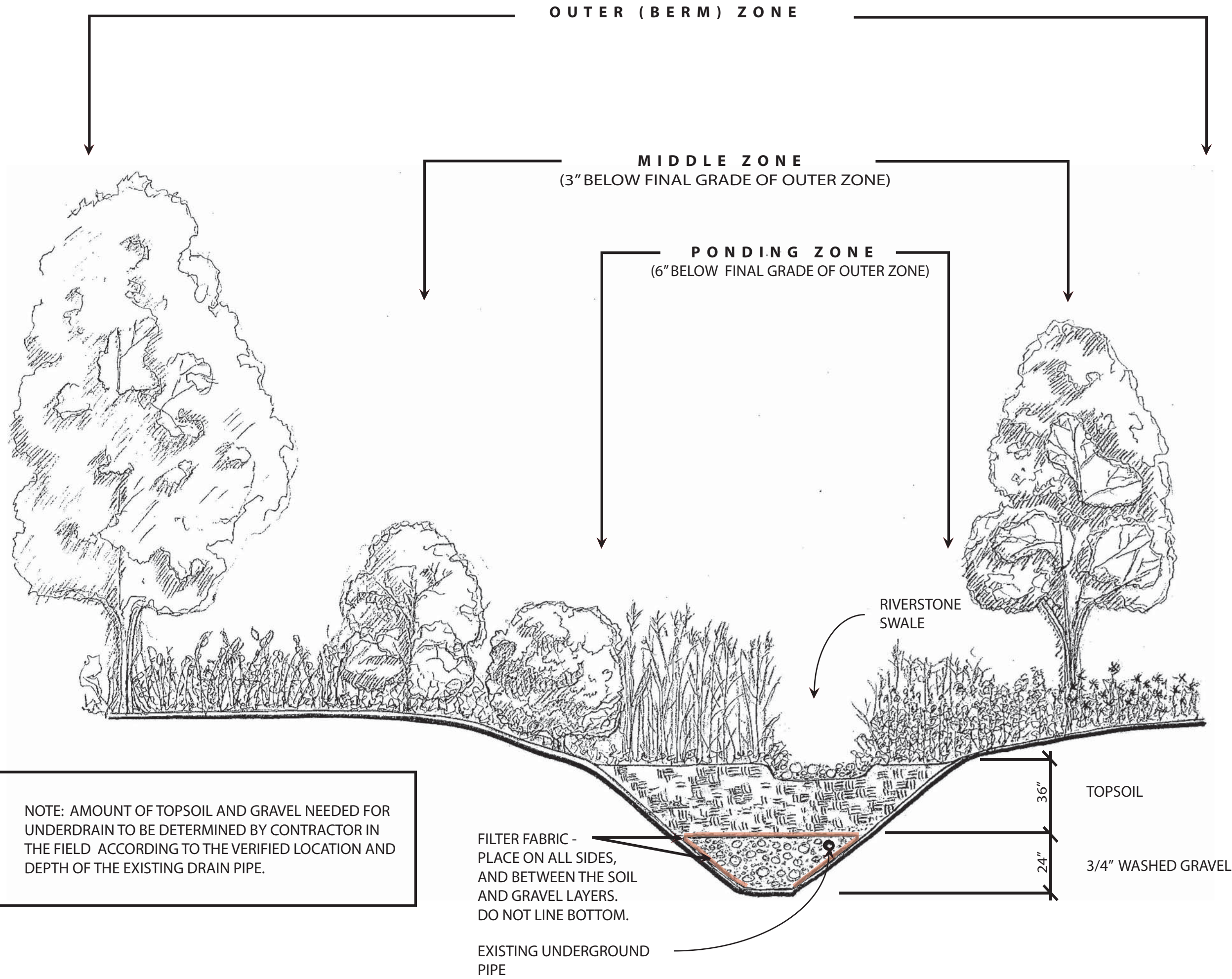
1. All information relevant to existing topography and site conditions are based on a survey provided by Andrews, Miller & Associates, dated December, 2002, and August, 2008.
2. Discrepancies in existing grades, especially as they pertain to proposed grading, planting, or other proposed site changes shall be reported to the Owner's Representative prior to excavation, installation, or site disturbance of any kind.
3. Contactor shall be responsible for locating and verifying any existing utilities and infrastructure, underground or otherwise. Any necessary agencies, including Miss Utility, are to be notified prior to excavation, installation or commencement of construction.
4. Alterations to the proposed plans will be made in writing, or graphically, by the Owner's Representative, as deemed appropriate to the project.
5. Contractor will abide by all local, state, and federal laws and regulations. Any discrepancies between such laws and regulations to proposed plans shall be reported to the Owner's Representative prior to commencing work.
6. Contractor shall possess all necessary insurance as required by law and that protects the Contractor and Owner's Representative from liability claims for damages or bodily injury.
7. Contractor shall protect all existing infrastructure and vegetation scheduled to remain. Any damage to remaining infrastructure and vegetation will be repaired or replaced at the Contractor's expense.
8. Contractor shall not store equipment or park vehicles under the canopy of existing trees. Damage to existing trees will be repaired or replaced at Contractor's expense.
9. Contractor will keep all participating parties informed of schedule changes or any issues that may affect the schedule or completion of the project.

GRADING NOTES:

1. **Proposed gravel swale and 'French drain':**
 - a. Underground perforated pipe is to be installed alongside the hoop houses, between the hoop houses and the Nursery Drive, and connect to the proposed rain garden, as per plan.
 - b. The proposed perforated pipe will be buried in gravel that matches, in size and appearance, the gravel currently existing around the hoop houses.
 - c. The proposed gravel swale and buried perforated pipe will transport run-off from the nursery into the proposed rain garden.
 - d. Pipe placed in existing lawn areas will be covered in topsoil, and disturbed lawn areas will be reseeded and restored.
2. **Proposed rain garden & underdrain:**
 - a. Contractor is to notify Owner's Representative of any changes necessary to proposed materials and dimensions associated with construction of the proposed rain garden and underdrain, especially as they might change as per verified field grades, site measurements, and relevant existing conditions.
 - b. Owner's representative will assist the Contractor, in the field, with the lay-out of the rain garden. Construction is not to begin until approval for the lay-out has been provided.
 - c. The proposed location of the ponding area and underdrain is to be determined pending verification of the location and grade of the existing underground pipe. The ponding area and underdrain location will be determined prior to the final lay-out of the entire garden area. The ponding zone and underdrain may also be excavated and prepped prior to the remainder of the garden area; this will be determined in the field.



PROPOSED GRADING FOR RAIN GARDEN SITE



NOTE: AMOUNT OF TOPSOIL AND GRAVEL NEEDED FOR UNDERDRAIN TO BE DETERMINED BY CONTRACTOR IN THE FIELD ACCORDING TO THE VERIFIED LOCATION AND DEPTH OF THE EXISTING DRAIN PIPE.

SECTION A:
UNDERDRAIN SECTION AND DETAIL FOR RAIN GARDEN

SCALE : 1/4" = 1' - 0"

ADKINS
ARBORETUM

Ridgely, MD

NURSERY
GREENING
PROJECT:

RAIN
GARDEN

SITE LOCATION
&
PROPOSED GRADING

DATE: February, 2010

SCALE: VARIES