Install drain pipe as per drawing. Drain pipe is 4 inch corrugated solid pipe. The drain pipe is installed in a 16 inches deep by 8 inches wide minimum dimensions trench. The trench is started with a shallow trencher which normally digs above sprinkler lines. We repair any damage to sprinklers as they occur. It's common to nick a few pipes and repair them using a coupling. Other sprinkler damage is rare.

- **Excavate drain pipe area** Excavated fill is re-used under the sod. Extra fill is hauled away.
- **Install drain pipe** Install 4 inch non-perforated drain pipe the length of the drain ditch.
- Backfill trenches, compact and repair with new sod.
- Install hookups to drain pipe for all down spouts.
- Grade lawn area repairing erosion and install new sod.

Material used:
- 290 feet 4 inch non-perforated solid drain pipe
- 4-Y connectors and as needed
- 2-4 inch drain pipe emitters
- 6-Downspout hookups to drain pipe underground
- 1-sump pump hookup to drain pipe underground
- New sod as needed to repair lawn
- Sprinkler parts as needed.

$2190 of the total price is for the drain pipe hookups and into the holding pond,

Area to remove sod and grade down for water collector and rain garden.
1. Strip sod from area and haul away.
2. Excavate to a 12 inch depth along south west corner.
3. Line with commercial weight landscape fabric and secure with 6 inch fabric staples.
4. Install a 3 inch depth honey gold color mulch.
5. Plant lower portion with hostas. Plant inner sides with ornamental grass and perennials.

Area to strip sod and grade for surface drainage. Reinstall sod.

Area to install excavated fill and shape into raised planter.

1. Outline area remove sod with sod cutter. Haul sod away.
2. Adjust sprinklers height and position as needed.
3. Install excavated fill to shape raised planter.
4. Install landscape fabric fastened with 6 inch staples.
5. Install 3 inch depth honey gold color mulch.

Material used:
- 400 square feet landscape fabric. (3.5 oz. 6 feet wide)
- 6 inch fabric staples as needed
- 4 cubic yards honey gold mulch

$260 of the total price is for the mulch on fabric.

$2450.00 Total Installed
(price includes all materials and labor to complete the job 100%)
    Timeline: 1 week notice, 2 days to complete
    Terms: 1/2 down and COD

100 feet paver-edge border around the raised planter area will cost an extra $420

Area to grade for drainage, top with 2 layers 6 mil black poly, and 3 inches river stone landscape rock. The area is bordered with paver-edge next to lawn.

1. Remove existing landscape rock and haul away.
2. Outline new area, remove sod and haul away. Drainage correction area around house is at least 5 feet wide such that narrower areas are stripped of sod and sprinklers moved outside border.
3. Backfill new window area for drainage.
4. Adjust sprinkler position into lawn area as needed.
5. Re-grade for drainage away from the house. Install class 5 crushed limestone to raise low areas along house.
6. Excavate 4 inch depth trench for paver-edge border.
7. Install 1 to 2 inch crushed rock base for paver-edge.
8. Install paver-edge where area meets lawn.
9. Install 2 layers 6 mil black poly over graded area. (Between paver-edge and building)
10. Install 3 inch depth river stone landscape rock over poly.
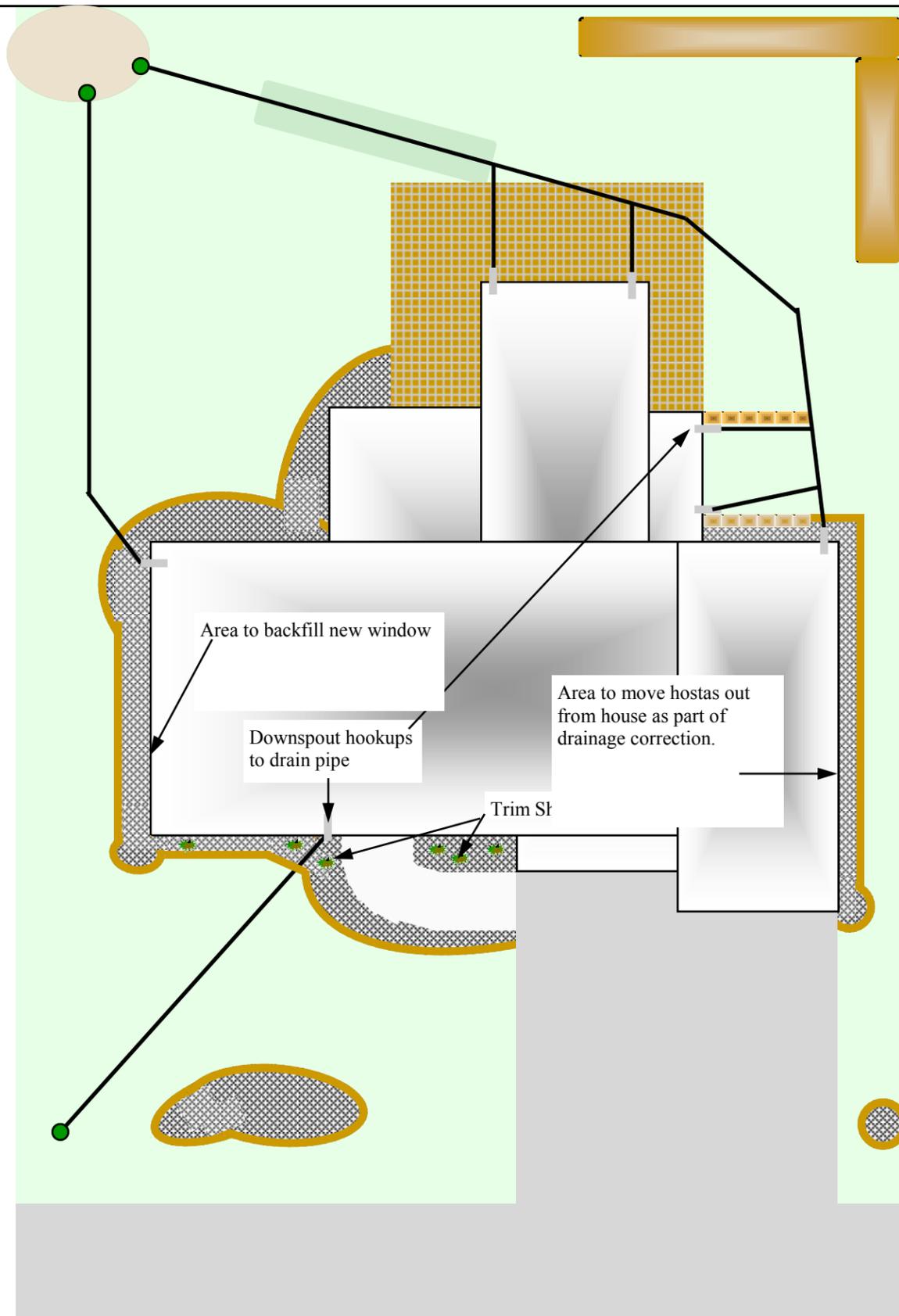11. Remove 2 dead trees from back yard and repair with new sod.

Material used:
- Class 5 crushed limestone as needed for drainage correction and paver-edge base
- 243 feet paver-edge border
- 2600 square feet 6 mil black poly
- 10 cubic yards river stone landscape rock
- New sod as needed to repair lawn

$3025.00 Total Installed
(price includes all materials and labor to complete the job 100%)
    Timeline: 1 week notice, 2 days to complete
    Terms: 1/2 down and COD

Area to backfill new window

Area to move hostas out from house as part of drainage correction.

Downspout hookups to drain pipe

Trim Sh

Address:

Name:

Date: 4/6/2014