Team 6
The Calvin Drain Trust
Mike DeWeerd, Matt Schanck, Aaron Venema, Kat Wever
Who Are We?

Management Mike
Modeling Matt
Web Master Aaron
Researcher Kat

Group
Project Description
Design Norms
Current

2/10
Customer

- Geoff Van Berkel (Physical Plant)
- Calvin College
Problem

- Run-Off on Calvin’s Campus to City of Grand Rapids
  - KE
  - EB Parking Lot
- Not Enough Irrigation Water
Project Objectives

- Reduce Run-Off on Calvin’s Campus
- Re-Use Run-Off as Irrigation
Design Options

- Create Detention Pond with Drain to Irrigation
- Underground Storage
- Stormwater Chamber
- Using North Pond for Irrigation
Potential Obstacles

- Finding a Location for the Detention Pond
- Pollutants/Water Quality
Design Norms

- Stewardship
- Transparency
- Caring
Current

- Research
- Visiting Sites with Similar Systems
Questions?