

Honda Consolidation Center

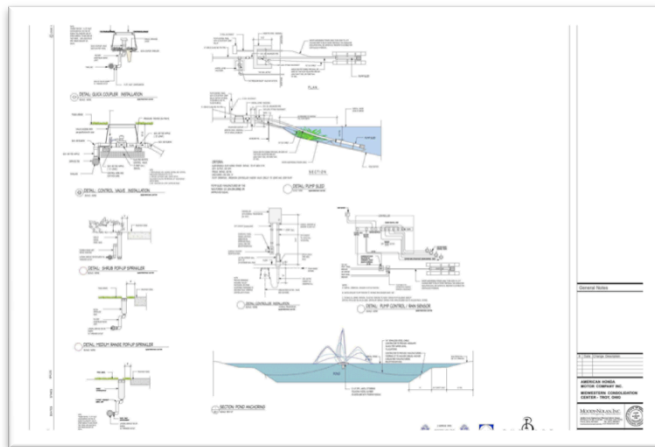
Client: Honda Midwest
Engineers Estimate: 300K



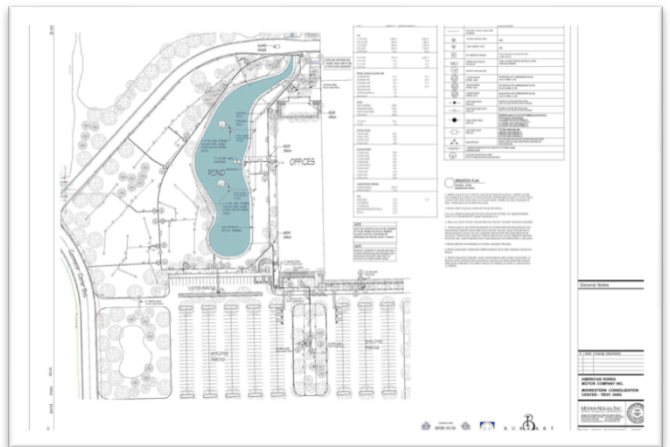
LEED Documentation for SS 5.1 – Reduced Site Disturbance



Entrance



Site Details



Irrigation Plan

Project Description:

With hundred acres to spare Honda North Corporation in Troy, OH was looking to expand its facilities on site. A local Architecture firm asked James Burkart Associates to design a landscape and irrigation plan in accordance with LEED accreditation. This project was awarded the highest level of LEED certification. Today there are less than a hundred buildings to achieve this status.

The design included master planning a 323 car parking lot, by which I helped master plan the grades on site for proper water management. I assisted in the development of the landscape improvements and irrigation construction drawings. I was responsible for insuring that all LEED accreditation was met through restoration of open space, utilization of non-potable water for irrigating the landscape lawns and plant beds.

James Burkart Associates has designed the site landscaping to include plant materials that are native to Ohio or adaptive for Ohio climate. The grass mix installed is a low maintenance grass seed mix adaptive for the Ohio climate which does not require mowing. As an adaptive species for Ohio the non-irrigated, low maintenance seed mix also does not require irrigation to survive in this climate.

Native and adaptive landscaping materials have been utilized for an area exceeding 50% of the site are that does not include the building footprint as shown on provided landscape site plans and planting data sheets.