



**MEETING: Site Review Committee**  
**SUBJECT: Beauty Creek Watershed**  
**High School Detention Basin**  
**ADDRESS: 2727 N. Campbell Street**  
**PRELIMINARY SITE REVIEW**

**LOCATION: City Hall**  
**DATE: May 23, 2017**

**IN ATTENDANCE:**

Vicki Thrasher, Building Commissioner (219) 462.1161  
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 Adam McAlpine, Engineering Dept. (219) 462.1161  
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 Mark Geskey, Utilities (219) 462-6174  
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 Jon Daly, Fire Department (219) 462-8325  
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 Matt Evans, Public Works Director (219) 462-4612  
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 Media

**PRESENTERS:**

E. Ric Frataccia, Superintendent of Schools  
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Email addresses for the above City of Valparaiso Departments can be found at [www.valpo.us](http://www.valpo.us).

The following is a summary of discussion at this meeting:

**OPENING:** The Site Review Committee met to discuss the proposed Beauty Creek Watershed High School Detention Basin to be located at 2727 N. Campbell Street. Thrasher stated that site review is not an approval. Rather, it is a preliminary discussion of the requirements and issues to be considered by the developer or owner. It is possible it will need to come back before site review or to seek other approvals.

**EXPLANATION OF PROJECT:** The School Corporation and Skillman have worked together to pull together a project for a new detention pond. The location for the pond will be the current football practice field at the high school. The purpose of the project is to reduce the flows in the Oakwood branch of Beauty Creek. By reducing the peak outflows the erosion downstream will be reduced. The water will be stored in a detention facility and the flow from the facility will be throttled down to exit at a slower rate. There will be a 48" pipe coming into the pond collecting storm water runoff from the golf course area and the high school grounds and a 15" pipe throttling the flow out of the pond. This is mostly an earth excavation project. There will be 3:1 to 6:1 side slopes on the basin. There will be very little tree removal.

**STAFF COMMENTS:**

**MCALPINE:** McAlpine mentioned that the Valparaiso Schools has been a great partner in the City's efforts to work with the neighboring communities. McAlpine requested notes be made regarding the removal of dead and fallen limbs within the existing detention basin area so that the entire area can function as originally intended. When the haul route is determined for the excavated material, providing a copy of the route will be necessary to ensure trucks remain on the correct roads. Katsouros said this will be determined once the contractor has been selected. McAlpine said there is mention made for a bulk head near the structure at the 36" diameter storm sewer. McAlpine prefers for the entire storm sewer to be filled with grout all the way to the outfall.

This will prevent its use to direct water to the creek. Frattacia asked if this a preference or what is recommended. McAlpine said it is a preference. Frattacia indicated the school might not want to take on the additional expense especially if this is costly. McAlpine said this can be discussed further. The existing 36" diameter line on the east side of the proposed basin is shown to remain in place. Again, the preference is to have it filled with grout or removed since it is not intended to be utilized. There is a detail for structure 101 that shows the water being able to crest over and go into this 36" diameter pipe. McAlpine indicated that he would like to see it eliminated. This will remove the ability to change the system in the future. The water will always have to enter the pond first and exit at the northeast corner. McAlpine requested submittal of a copy of the drainage model. Sheet 9 shows a steel plate being bolted into the concrete on the 30" diameter pipe at 11.7" above the bottom. Is this affectively and 18" diameter hole? Siedlecki believes it is 18". McAlpine asked if it would be possible to use a steel plate with an 18" diameter hole. McAlpine explained it would be easier in the future for anyone wanting to know what the size is rather than trying to figure out the area of the semi-circle. There is a Section AA Detail on Sheet 10 and McAlpine would prefer the elimination of the pipe connection for the 36" pipe on the east side of the basin. It doesn't seem to be necessary. McAlpine asked about the timeframe for this project. Katsouros said the intent is to open bids on June 13<sup>th</sup> and award the contract at the June 16<sup>th</sup> Board meeting. Work will start the first week of July and be completed in September. Cherry mentioned that it will be necessary to create an access road to the existing structure to do the work there and cleanup the area. Cherry asked if stone or mulch can be used for the surface. McAlpine said using the mulch from the trees that will be removed will be the best material and the cheapest approach. Van Keppel asked if there is any way to identify a potential flooding problem if pipes are blocked off. McAlpine requested the Utilities televise the storm sewer line all the way out to the creek. Geskey said this can be done.

**EVANS:** Since there is no impact to public rights-of-way, Evans presented no comments.

**THRASHER:** All contractors must be registered with the City of Valparaiso. Permits will be through the Engineering Department.

**ON BEHALF OF KENT:** Will trees be removed for installation of the basin? If so, contacting Kent will be necessary to discuss the requirements for tree removal.

**DALY:** Daly asked about the depth of the pond. Siedlecki said the pond is approximately 7 ft. deep. Daly asked if there will be fencing. Cherry said the entire area is already fenced. Cherry said the basin is not designed to hold water all the time. The vast majority of the time there should be no water.

**ON BEHALF OF PILARSKI:** Since there is no discharge into the sanitary sewer, Pilarski presented no comments.

**GESKEY:** Since there will be no use of domestic water or sanitary sewer, Geskey presented no comments.

#### **ISSUES TO BE RESOLVED:**

Site Improvement Permit

Haul Route

Provide a Copy of Drainage Model

All Contractors Must Be Registered With The City

Contact Tyler Kent – Tree Removal