



Addendum No. 3

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Project: 2017 Soccer Field Replacement
Eastern Howard High School
Greentown, Indiana

Proj. No: 1727.01

Date: November 13, 2017

This addendum is a part of the bid documents. Acknowledge receipt on the Proposal Form.

General

1. Notify Matt Gullo of any questions regarding bidding at phone (812-913-4616) or email (matt.gullo@koverthawkins.com).
2. A soil test has been completed and is attached. Contractors may use this information for any planning purposes.

Matthew D. Gullo, RLA
Director of Landscape Architecture and Planning

enclosed: Soil Testing

file: 1727.01

End of Addendum No. 3

GSH, INC. - Soil Consulting

Gary L. Hudson C.P.S.Sc.
P.O. Box 42 Peru, IN 46970
Telephone 888-382-2102

Inventory and Evaluation of Soil Resources

Prepared for:	Eastern Howard School Corp.	Date:	9/11/2017
Address:	221 West Main Street, Suite 1 Greentown, IN 46936-1118	Present Use:	Crop field
		Proposed Use:	Athletic field complex Proposed subdivision

Email address

Site Location:

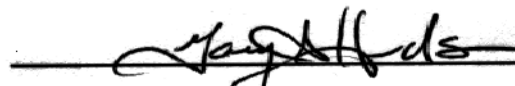
Site Address 100 S. 850 E. (Parcel No. 34-11-04-400-019.000-011)
County: Howard
Civil Township Liberty
Legal Description - Township: 23 N. Range: 5 E. Section: 4 (N 1/2, NW 1/4, SE 1/4)
Soil Map #: 17

People on site at time of investigation:

Comments:

The soil on this property is mapped Blount and Morley, soils associated with the recessional moraine. No moraine characteristics were observed during this investigation.

NOTE: This report is not a permit, nor does it guarantee that a septic system can be installed or function properly on this site. The results of this on-site soil investigation reflect the soil properties, genesis, landscape evolution and chemical data of the indicated boring locations. Investigations in other areas will reflect different results. This report does not pertain if there are any changes or alterations as a result of grading, filling, compacting, or any other disturbances that would otherwise destroy the soil properties described at the time this on-site investigation was completed. Duplication or alteration of this report by any party other than GSH Inc. - Soil Consulting renders this report invalid.


Gary L. Hudson

SOIL MAP LEGEND

CULTURAL FEATURES:

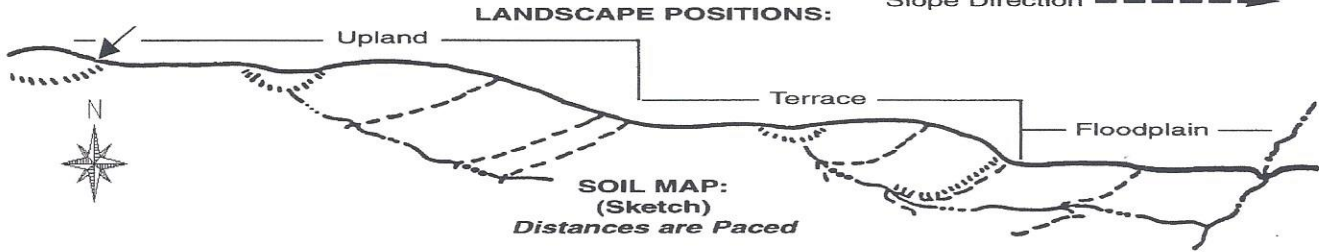
- Tract Boundary
- Fence
- Road
- Trail, Lane or Street
- Railroad

WATER FEATURES:

- Perennial Stream
- Intermittent Stream
- Lake or Pond
- Wet Spot

SOIL FEATURES:

- Soil Boundary
- Soil Symbol I-A
- Bedrock Escarpment
- Short Steep Slope
- Rock Outcrop
- Slope Direction



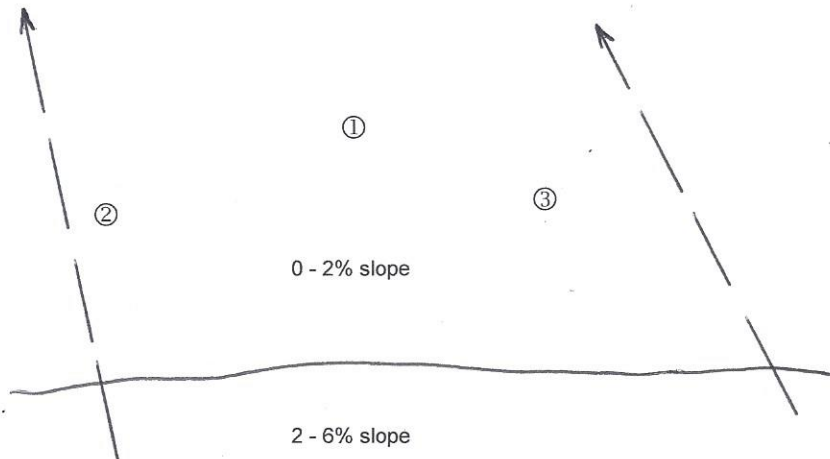
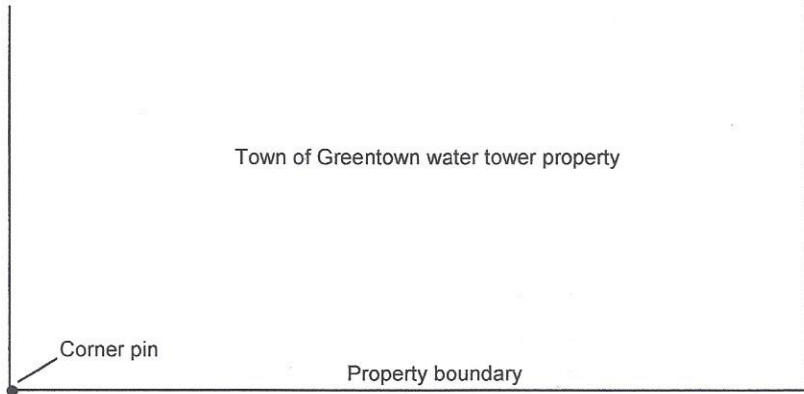
All measurements taken from the corner pin located at the southwest corner of the water tower property

Boring #1 103 feet east, 50 feet south

Boring #2 42 feet east, 73 feet south

Boring #3 152 feet east, 68 feet south

Scale for borings only: 1 inch equals 50 feet



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ID	Name	Boring/Pit	Boring Location								
6026	Eastern Howard	1	See Map								
Upland	Terrace	Outwash Plain	Ridge Top	Upper 1/3	Middle	Lower 1/3	Swale	Swell	Depression	Broad Flat	Flood Plain
X						X					
Ponding or Flooding:	None		% Slope	1	Aspect	NNW	Family Classification:	Fine-silty			
<0.25 gpd/sq. ft.	>1.2 gpd/sq. ft.	Seasonal High Water Table		Slope Shape		Fragipan	Compact Till	Bedrock	Massive Clay	Poor Filter	Other
		13 "		Linear			>60 "				
Vegetation at site	Soybeans			Disturbance?	None		Soil Series	Mapped Blount			

Soil Properties

Horz Desg	Depth (in)	Soil Color			Texture USDA	Structure USDA	Consistency	Effervescence	Parent Material	Other
		Matrix	Mottles	Coatings						
Ap	0-13	10YR 4/3			Silt Loam	Weak Fine Granular	Friable		Glacial Till	
E	13-17	10YR 5/3	10YR 6/6 10YR 6/2		Silt Loam	Moderate Fine Subangular Blocky	Friable		Glacial Till	
Bt1	17-44	10YR 5/3	10YR 6/8 10YR 5/2		Silty Clay Loam	Moderate Medium Subangular Blocky	Firm		Glacial Till	
Bt2	44-53	10YR 5/3	10YR 7/6 10YR 5/2		Clay Loam	Moderate Medium Subangular Blocky	Firm		Glacial Till	
Bt3	53-60	10YR 5/4	10YR 7/6 10YR 5/2		Loam	Weak Coarse Subangular Blocky	Friable		Glacial Till	

Comments:

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ID	Name	Boring/Pit	Boring Location								
6026	Eastern Howard	2	See Map								
Upland	Terrace	Outwash Plain	Ridge Top	Upper 1/3	Middle	Lower 1/3	Swale	Swell	Depression	Broad Flat	Flood Plain
X						X					
Ponding or Flooding:	None		% Slope	2	Aspect	NNW	Family Classification:	Fine-silty			
<0.25 gpd/sq. ft.	>1.2 gpd/sq. ft.	Seasonal High Water Table		Slope Shape		Fragipan	Compact Till	Bedrock	Massive Clay	Poor Filter	Other
		14 "		Linear			>60 "				
Vegetation at site	Soybeans			Disturbance?	None		Soil Series	Mapped Blount			

Soil Properties

Horz Desg	Depth (in)	Soil Color			Texture USDA	Structure USDA	Consistency	Effervescence	Parent Material	Other
		Matrix	Mottles	Coatings						
Ap	0-14	10YR 3/3			Silt Loam	Weak Fine Granular	Friable		Glacial Till	
Bt1	14-35	10YR 5/3	10YR 7/8 10YR 5/2		Silty Clay Loam	Moderate Medium Subangular Blocky	Firm		Glacial Till	
Bt2	35-60	10YR 5/4	10YR 7/6 10YR 5/2		Clay Loam	Moderate Medium Subangular Blocky	Firm		Glacial Till	

Comments:

GSH, INC. - Soil Consulting

ID	Name	Boring/Pit	Boring Location								
6026	Eastern Howard	3	See Map								
Upland	Terrace	Outwash Plain	Ridge Top	Upper 1/3	Middle	Lower 1/3	Swale	Swell	Depression	Broad Flat	Flood Plain
X						X					
Ponding or Flooding:	None		% Slope	2	Aspect	NW	Family Classification:	Fine-silty			
<0.25 gpd/sq. ft.	>1.2 gpd/sq. ft.	Seasonal High Water Table		Slope Shape		Fragipan	Compact Till	Bedrock	Massive Clay	Poor Filter	Other
		16 "		Linear			>60 "				
Vegetation at site	Soybeans			Disturbance?	None		Soil Series	Mapped Blount			

Soil Properties

Horz Desg	Depth (in)	Soil Color			Texture USDA	Structure USDA	Consistency	Effervescence	Parent Material	Other
		Matrix	Mottles	Coatings						
Ap	0-10	10YR 3/3			Silt Loam	Weak Fine Granular	Friable		Glacial Till	
Bt1	10-16	10YR 5/3			Silty Clay Loam	Moderate Fine Subangular Blocky	Firm		Glacial Till	
Bt2	16-36	10YR 5/3	10YR 5/2 10YR 7/6		Silty Clay Loam	Moderate Medium Subangular Blocky	Firm		Glacial Till	
Bt3	36-54	10YR 5/3	10YR 5/2 10YR 5/8		Clay Loam	Moderate Medium Subangular Blocky	Firm		Glacial Till	
Bt4	54-60	10YR 5/3	10YR 7/6 10YR 5/2		Loam	Weak Coarse Subangular Blocky	Friable		Glacial Till	

Comments: