



## Summit Testing & Inspection Company

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July 1, 2016

Re: St. Rocco Hall, 3205 Fulton Road, Cleveland, Ohio (ST&I Project No. G16-10543)

St. Rocco Church  
3205 Fulton Road  
Cleveland, Ohio 44109

Attention: Rev. James Mayer, Pastor

Transmitted herewith are the "Subsurface Exploration Logs" for the soil borings that were drilled at the Church on June 29, 2016. The following is a brief summary of the information that was collected.

Borings B-1, 2 and 3 are located at approximately 5 feet off the building's east wall and 20±, 50± and 80± feet south of the north end. The test holes revealed unsuitable cohesive fill materials to the approximate depths of 18.5, 14.0 and 10.0 feet below the concrete pavement at B-1, 2 and 3, respectively. The naturally deposited subsoils below the fill were found to also be weak; both cohesive and cohesionless soil types were encountered. Subsoil with acceptable strength appears to exist at the approximate depths of 23.5 feet at B-1, 28.5 feet at B-2 and 13.5 feet at B-3. Note that B-1 and B-2 were extended deeper than originally planned in order to have Standard Penetration Test (N-value column on the Subsurface Exploration Logs) results of at least 10 for at least 10 continuous feet. After pulling the auger upon completion of the borings, groundwater levels were determined to be 9.5, 13.0 and 8.0 feet below the concrete pavement at test sites B-1, 2 and 3, respectively.

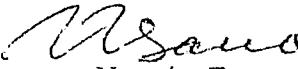
After asking, our office was told that laboratory testing of soil samples is not required at this time. We will retain the samples for at least 90 days from the date of drilling in the event you determine that testing is necessary. After 90 days, the samples may be discarded unless other disposition is requested.

Once you have reviewed the enclosed information, please do not hesitate to contact our office with any questions or concerns that may arise.

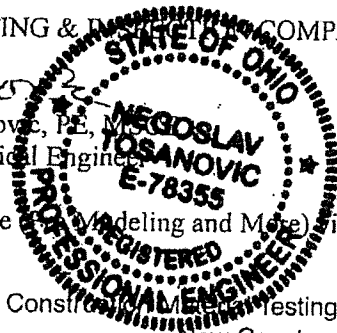
We thank you for using our services on this project and hope that we may be of service to you again in the future, perhaps during construction of the subject project.


Respectfully submitted,

SUMMIT TESTING & INSPECTION COMPANY

  
Negoslav Tosanovic, PE, M.S.E.  
Senior Geotechnical Engineer

PC: Fritz Graewe (Modeling and More) (via Email)  
File



  
John Malivuk, President  
Reviewer

Summit Testing & Inspection - Geotechnical Engineering  
New Construction or Existing Structures  
"DEDICATED TO SERVICE"


















# KEY TO SYMBOLS

Symbol Description


## Strata symbols

	Paving
	Fill
	Inorganic silts and clays
	Poorly graded sand
	Silty sandy clay
	High plasticity organic clays
	Poorly graded gravel
	Silty sand

## Misc. Symbols

	Water table at boring completion
	Water table during drilling
	Description not given for: "RFTANGLE"

## Soil Samplers

	Standard penetration test
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## Notes:

- . Exploratory borings were drilled on June 29, 2016 using 6-inch diameter continuous flight hollow stem augers.
  - . Boring locations were chosen and located in the field by Summit Testing and Inspection personnel.
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