



SOIL BORING DATA:		
SOIL BORING NO. 1 0.0' - 3.0' FILL (CLAY) 3.0' - 10.0' GRAVEL 10.0' - 50.0' FINE SAND 50.0' - 55.0' WATER TABLE @ 6.0'	SOIL BORING NO. 4 0.0' - 1.0' TOPSOIL W/GRAVEL 1.0' - 6.0' GRAVEL W/CLAY 6.0' - 18.0' GRAVEL 18.0' - 32.0' MEDIUM-FINE SAND 32.0' - 50.0' FINE SAND, WATER TABLE @ 32.0'	SOIL BORING NO. 7 0.0' - 10.0' SAND AND GRAVEL 10.0' - 25.0' WATER TABLE @ 25.0' 25.0' - 45.0' FINE SAND, WATER TABLE @ 25.0'
SOIL BORING NO. 2 0.0' - 10.0' SAND AND GRAVEL 10.0' - 16.0' GRAVEL 16.0' - 18.0' CLAY 18.0' - 50.0' FINE SAND, WATER TABLE @ 10.0'	SOIL BORING NO. 5 0.0' - 1.0' TOPSOIL 1.0' - 2.5' CLAY AND GRAVEL 2.5' - 17.0' SAND AND GRAVEL 17.0' - 34.0' MEDIUM-FINE SAND 34.0' - 50.0' FINE SAND, WATER TABLE @ 34.0'	SOIL BORING NO. 8 0.0' - 15.0' SAND AND GRAVEL 15.0' - 23.0' WATER TABLE @ 25.0' 23.0' - 25.0' CLAY
SOIL BORING NO. 3 0.0' - 1.0' TOPSOIL W/GRAVEL 1.0' - 4.0' GRAVEL W/CLAY 4.0' - 10.0' SAND AND GRAVEL 10.0' - 17.0' GRAVEL 17.0' - 27.0' MEDIUM-FINE SAND 27.0' - 50.0' FINE SAND, WATER TABLE @ 30.0'	SOIL BORING NO. 6 0.0' - 4.0' FINE SAND, MET 4.0' - 6.0' CLAY 6.0' - 25.0' FINE SAND, WATER TABLE @ 10.0'	SOIL BORING NO. 8 0.0' - 17.0' SAND AND GRAVEL 17.0' - 20.0' WATER TABLE @ 5.0' 20.0' - 25.0' CLAY

- GENERAL NOTES**
- PROPERTY DESCRIPTION  
70-14-03-100-017  
PART OF NW FRL 1/4 COM AT W 1/4 COR, TH E 1450.54 FT TO PT OF BEG, TH N 03D 19M 44S W 346 FT, E 33.06 FT, TH N 03D 19M 44S W 1355.78 FT ALG CEN LI OF 22ND AVE, TH NE'LY 73.55 FT ALG A 47 FT RAD CURVE TO LEFT (CHD BEARS N 48D 09M 32S W 66.27 FT), S 87D 0M 40S W 81.28 FT, TH N 03D 19M 44S W 949.35 FT ALG W LI OF E 1/2 OF NW FRL 1/4, TH S 89D 45M 36S E 1327.37 FT ALG N SEC LI TO N 1/4 COR, TH S 03D 55M 55S E 2687.31 FT ALG N&S 1/4 LI TO CEN 1/4 COR, TH W 1260.22 FT ALG E&W 1/4 LI TO BEG. SEC 3 T6N R13W 77.79 AC
  - MAPPING:  
a) Boundary information is based on available remonumentation and sectional information by Excel Engineering, Inc.  
b) 2 foot interval existing ground contours and topographical features are based on aerial survey photography provided by existing Ottawa County G.I.S.  
c) Existing utilities and adjacencies are based on available records.  
d) This site is located within the 100 Year Flood Plain, based on the National Flood Insurance Program Rate Maps.
  - ZONING: Existing classification is "RR"  
District regulations:  
Front setback = 40 ft.  
Side yard = 20 ft.(40 ft. total)  
Rear yard = 50 ft.  
Lot area = 30,000 sq.ft.  
Lot width = 200 ft.
  - EXISTING LAND USE: Mineral Mining
  - PROPOSED IMPROVEMENTS:  
a) All sand mineral removal operations are subject to restrictions in the Georgetown Township Mineral Mining Ordinance beginning with Section 6(e)XVIII.  
b) Traffic flow will be from the intersection of Fillmore Street and Cottonwood Drive to either the West or Southeast.  
c) No additional buildings will be placed on the site. Existing buildings may be removed in the future. Current gravel processing equipment will be used and in the future will be moved to the SE corner of the property.  
d) Where adjoining parcels are operating under existing gravel extraction permits, the gravel extraction limits will be the property lines. No cut or excavation will be made closer than 50' to any other property line.  
e) That portion of gravel access roads within the area of operation will maintain dust control by a water truck on an as needed basis.  
f) The completion of mining operation is anticipated to be 10 years with final reclamation to follow.
  - Additional materials may be allowed to be brought onto the site for processing of fill.
  - Mining license does include a crushing operation.
  - Wetland/Shallow water areas as identified on the Bend in the River Master Plan are exempt from the 5 foot minimum/10 foot average depth rule.

**GENERAL NOTES:**  
1. PHOTO DATE = 2018

**BENCHMARK ELEVATION: 599.95**  
CENTER OF SECTION REFERENCE POINT  
SECTION 2, T6N, R13W GEORGETOWN TWP.



**BEND IN THE RIVER MINING ENLARGED SITE PLAN - HUIZENGA**

FOR: HUIZENGA LAND LLC  
ATTN: MR. BILL HUIZENGA  
10075 GORDON ST  
PO BOX 258

IN: PART OF THE W 1/2, SECTION 2, T6N, R13W, GEORGETOWN TOWNSHIP, OTTAWA COUNTY, MICHIGAN

<p><b>excel engineering, inc.</b> planners - engineers - surveyors 5252 Clyde Park, S.W. • Grand Rapids, MI 49509 Phone: (616) 531-3660 Fax: (616) 531-2121 www.excelengineering.com</p>	<p>DRAWN BY: MK APPROVED BY: DDG FILE NO.: 911516E</p> <p>PROJ. ENG.: DDG PROJ. SURV.: DATE: 03-19-10</p>	<p>SHEET 1 of 1</p>
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