



## Georgetown Charter Township

1515 Baldwin St., Jenison, MI 49428

### Planning Commission Meeting Agenda

February 19, 2020, 7:00 p.m.

1. Call To Order
2. Roll Call
3. Approval Of The Agenda
4. Approval Of The Minutes Of The Previous Meeting
5. Old Business
6. New Business
  - 6.I. Public Hearing – Special Use Permit (SUP2001) EQ Industrial Services, Inc., 17440 College Parkway, Suite 300, Livonia, MI, Is Requesting To Have A Waste Disposal Facility For Hazardous Waste, Under Sec. 17.3(C), On A Parcel Of Land Described As P.P. # 70-14-21-441-004, Located At 6680 Marcan Ave., Suite C, In A (I) Industrial District, Georgetown Township, Ottawa County, MI.
    - 6.I.i. Staff Report

Documents:

[\(SUP1906\) EQ INDUSTRIAL 6680 MARCAN STAFF REPORT.PDF](#)
    - 6.I.ii. Site Plan

Documents:

[US ECOLOGY SITE PLAN.PDF](#)
7. Communications, Letters And Reports
8. Public Comments
9. Other Business
10. Commissioner/Staff Comments
11. Adjournment

**REQUEST**

**(SUP2001) EQ Industrial Services, Inc.**, 17440 College Parkway, Suite 300, Livonia, MI, is requesting to have a waste disposal facility for hazardous waste, under Sec. 17.3(C), on a parcel of land described as P.P. # 70-14-21-441-004, located at 6680 Marcan Ave., Suite C, in a (I) Industrial district, Georgetown Township, Ottawa County, MI.



## **EXPLANATION of proposed use as provided by the applicant**

### **Company Overviews**

US Ecology, Inc. is a leading North American provider of environmental services to commercial and government entities. The Company addresses the complex waste management needs of its customers, offering treatment, disposal and recycling of hazardous and radioactive waste, as well as a wide range of complementary field and industrial services. US Ecology's focus on safety, environmental compliance, and customer service, enables us to effectively meet the needs of our customers and to build long-lasting relationships.

Headquartered in Boise, Idaho, US Ecology has been in business for more than 65 years, now employing approximately 1,400 environmental professionals in North America. In June 2014, US Ecology acquired EQ-The Environmental Quality Company, a single source environmental service organization that also had almost 60 years of experience operating hazardous waste management facilities and providing field and industrial services across the eastern United States. The combination of these two companies has increased our ability to provide a fully integrated environmental services and waste management organization. Combined we currently have 45 locations including: six hazardous and radioactive waste landfills, nine treatment facilities and a network of 28 service centers located in key industrial centers.

**Corporate Office:** US Ecology, Inc.  
101 S. Capitol Blvd., Suite 1000  
Boise, ID 83702

**Contracting Office:** EQ Industrial Services, Inc. dba US Ecology  
17440 College Parkway, Suite 300  
Livonia, MI 48152

US Ecology's standard insurance policies include \$50,000,000 in Pollution Legal Liability coverage. This policy covers US Ecology and additional insured customers from losses resulting from certain pollution conditions, including on-site and off-site releases, owned and qualified non-owned facilities, transportation, processing, and disposal.

US Ecology also maintains insurance to cover costs associated with regulatory mandated RCRA closure and post closure obligations at our permitted facilities. This insurance exceeds our estimate of these obligations and ensures our customers that US Ecology will have the financial resources to properly deal with its long-term liabilities. A copy of our Certificate of Insurance can be found in Appendix A.

US Ecology continually measures and improves our performance in order to exceed expectations and ensure full compliance with all applicable regulatory and health & safety requirements. We approach every client relationship as a partnership and are committed to being the industry leader in providing high quality services that minimize client costs and liabilities, while setting the standard for innovation and client-focused solutions. Integrity and mutually beneficial partnerships with our clients, associates and host communities are the core values that drive our business. US Ecology's strong customer indemnification is backed by considerable financial strength as a result of a very sound business plan, a healthy balance sheet, strong profitability and conservative accounting practices. US Ecology's financial statements are available on our website at <http://investors.usecology.com>.

For more information about US Ecology, please visit our website at [www.usecology.com](http://www.usecology.com).

## Proposed Jenison Operation Overview

US Ecology is proposing to operate a service center in Jenison, Michigan. The service center will provide both lab pack and hazardous waste transportation services. Our Lab Pack Team focuses on proper management and transportation of hazardous waste from local high schools, colleges, and industrial laboratories. Lab packing is a Department of Transportation (DOT) approved method of safely packaging many small containers of chemicals into larger containers to facilitate safe and effective transportation. Our hazardous waste transportation services specialize in the transport of hazardous materials and hazardous wastes to their final recycling and/or disposal facility.

## Hazardous Waste Transfer Operational Narrative

US Ecology plans to utilize the location in Jenison, MI to increase the efficiency of our transportation operations. The property will be utilized to transfer containerized waste from over the road vehicles to 53 foot trailers for shipment out to their final destination. All wastes will be stored per federal regulations found at 40 CFR 263.12 and the Michigan Department of Environmental Quality regulations detailed in MI Act 451, 299.9404. Under these rules a transporter of hazardous waste can store hazardous waste containers for up to ten (10) days. USE will maintain a tracking log and routine inspection program to ensure compliance with all applicable local, state and federal regulations.

**The applicant provided the following list of hazardous waste materials that will be stored at 6680 Marcan:**

DOT Hazard Class	Description
3	Flammable and Combustible Liquids (Ex: Gasoline)
2	Gases (Ex: Aerosol Cans)
4	Flammable Solids (Ex: Road Flares)
5	Oxidizing Substances (Ex: Household Pool Chemicals)
6	Toxic Substances (Ex: Pesticides and Herbicides)
8	Corrosives (Ex: Cleaning Chemicals with a low or high pH)
9	Miscellaneous Hazardous Materials (Ex: Lead Based Paint)
	Non-Hazardous Liquids (Ex: Latex Paint)
	Non-Hazardous Solids

## **OVERVIEW as provided by the applicant**

### **PROPOSED USE OVERVIEW:**

EQ Industrial Service, Inc., a division of US Ecology, proposes to operate a service center at 6670 Marcan Avenue in Jenison, Michigan. Employees will utilize two 24-foot box vans to pick up containerized waste material from surrounding businesses. Once the pickups are complete, the truck returns to the service center and transfer the containers onto a 53-foot trailer staged in the dock well. The material will be shipped to the final destination facility when the trailer is full or the material on the trailer reaches 10 days in storage. All wastes will be stored per federal regulations found at 40 CFR 263.12 and the Michigan Department of Environmental Quality regulations detailed in MI Act 451, 299.9404. Under these rules a transporter of hazardous waste can store hazardous waste containers for up to ten (10) days. USE will maintain a tracking log and routine inspection program to ensure compliance with all applicable local, state and federal regulations.

### **REASON FOR SPECIAL LAND USE REQUEST:**

The proposed business location in Jenison is zoned Industrial. It is our understanding that a special use permit is required for our type of business operation since it involves the handling and transport of hazardous waste. Our service center will not perform as a waste treatment or disposal facility as outlined in Sec. 17.3 (A) and 17.3 (B). All waste material will remain in sealed containers. The proposed service center most closely aligns as a motor freight terminal and freight forwarder as outlined in Sec. 17.2 (F). Waste will come in on trailers and immediately be moved to a separate 53-foot trailer for storage and eventual transport to its final off-site treatment, storage or disposal destination.

### **SEC. 20.3(A) STANDARDS CONFORMANCE:**

EQ Industrial Services Inc., will meet all the general standards set forth in the zoning ordinance found in section 20.3 (A). EQIS plans to maintain the site in keeping with the intended character of the buildings located around it. The only proposed change will be the addition of a permanent sign outside to reference the location. All essential public facilities and services will remain intact and functional. EQIS, will not create any additional requirements at public cost for public facilities and services. All business processes will be conducted in a safe and efficient manner without the production of excessive noise, traffic or odors. EQIS plans to operate the site with a limited number of trucks, so as to not cause excessive traffic. No odors will be generated from the container transfer operation because all containers remain closed.

**ZONING ADMINSTRATOR DETERMINATION OF THE NEED FOR A SPECIAL USE PERMIT**

**Below is an excerpt of a letter sent to the applicant with an explanation of the determination that a special use permit is needed. They were also given the Zoning Ordinance section that explained the opportunity to appeal this determination to the ZBA.**

August 6, 2019

Steven Bratschie  
2100 44<sup>th</sup> St. SE Ste 300  
Kentwood, MI 49508

RE: Industrial use for 6670 Marcan Ave.

Dear Steven Bratschie,

On August 6, 2019, we had a phone conversation about a proposed use on 6670 Marcan Ave. I noted that I was familiar with the site and the proposal because I have already had several discussions about the use on this site.

You confirmed that the use would be the same as previously presented and was proposed as follows:

1. hazardous waste would be brought to the site in trucks,
2. the hazardous waste would be transferred from the truck bringing it to the site to other trucks that would store the hazardous waste for a period up to ten days on the site,
3. then the trucks storing the hazardous waste would leave the site.

The explanation was provided to you and to the others who called about this that the use would be allowed on the site with a special use permit.

**Background.**

The parcel is zoned (I) Industrial and the uses allowed on the site are stipulated in the Georgetown Township Zoning Ordinance as follows:

**Chapter 17 – I - INDUSTRIAL.**

**Sec. 17.3 USES REQUIRING SPECIAL LAND USE APPROVAL.** The following uses may be permitted by obtaining Special Land Use Approval when all applicable standards as cited in Chapter XX are met.

- (A) Waste treatment facilities.
- (B) Water supply and treatment facilities.
- (C) **Waste disposal facilities**, including incinerators and sanitary landfills.
- (D) Airports and Landing fields.
- (E) Commercial soil removal.
- (F) Heating and electric power generating plants.
- (G) Junk yards and salvage yards.
- (H) Commercial radio and television and wireless communication towers. (Revised November 1997).
- (I) Community Fair. (revised 4/24/17)
- (J) Restaurants having a distillery, brewery or winery on the same site. (revised 6/25/18)

**Authority to administer the ordinance.**

Sec. 29.1 of the Zoning Ordinance gives the Zoning Administrator the authority to administer the Zoning Ordinance.

Chapter 29 – ADMINISTRATION.

Sec. 29.1 ZONING ADMINISTRATOR.

The provisions of this Ordinance shall be administered and enforced by the Township Board, Township Planning Commission, Township Board of Appeals, and Zoning Administrator and deputies of same, so designated and appointed by the Township Board. The Zoning Administrator shall, among other duties, issue all permits and notices of violations provided for in this Ordinance.

**Definitions.**

Chapter 2 – DEFINITIONS.

For the purpose of this Ordinance, certain words and terms are herewith defined. When not inconsistent with the context, words used in the present tense include the future, words in the singular number include the plural number and words in the plural number include the singular number. The word "shall" is always mandatory and not merely directory. The word "building" includes the word "structure." The term "person" shall mean an individual, partnership, corporation or other association or their agents. **Terms not herein defined shall have the meanings customarily accepted.**

dispose

VERB

*disposed* (past tense) · *disposed* (past participle)

1. (dispose of)

**get rid of by throwing away or giving or selling to someone else.**

disposal

NOUN

1. **the action or process of** throwing away or **getting rid of something.**

**Determination.**

The determination is based on the following:

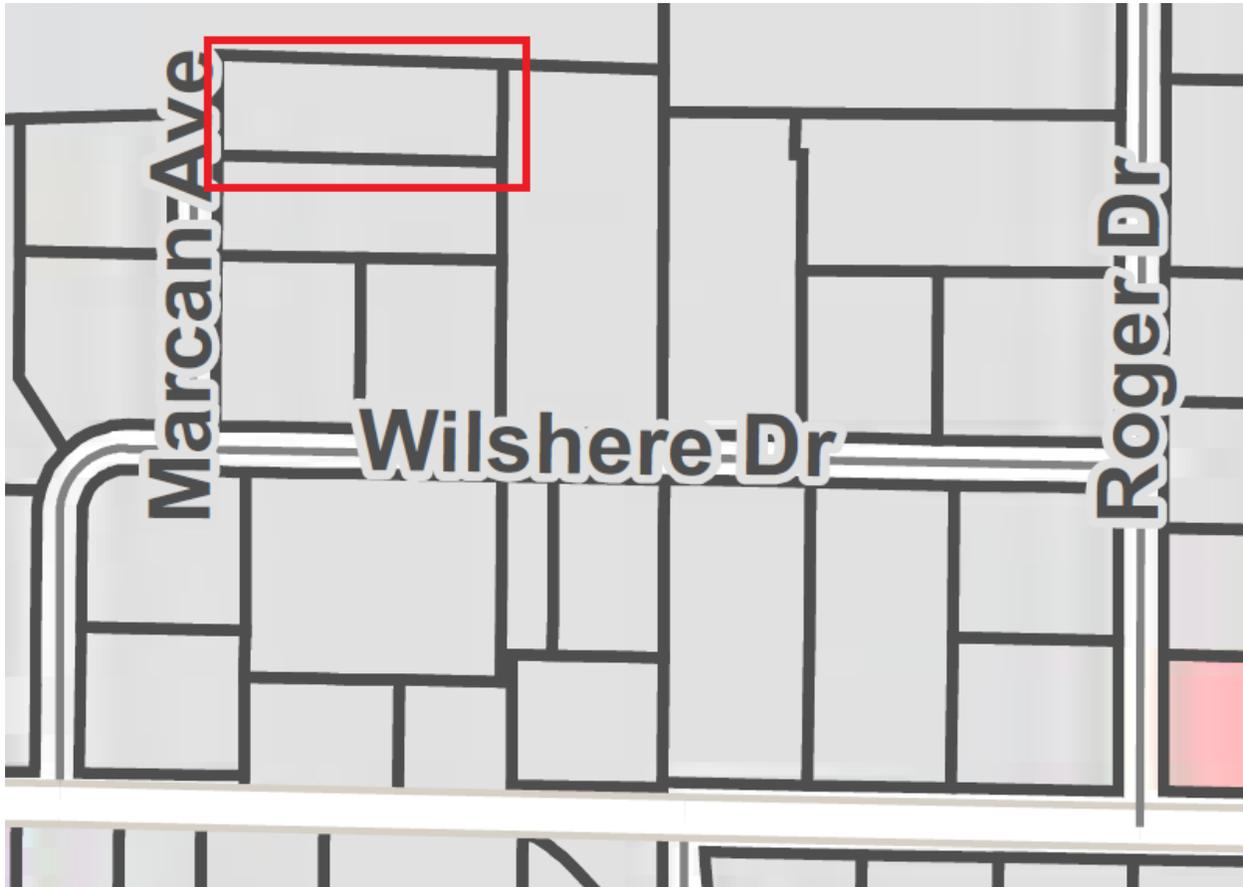
1. the authority given to the Zoning Administrator in the Zoning Ordinance,
2. the language in Chapter 2 which states that terms not defined shall have the meanings customarily accepted, and
3. the definitions for “dispose” and “disposal” which are the meanings customarily accepted.

Therefore, I determine that the use described above is closest to the use of a **waste disposal facility** because initially the hazardous waste is transported in a truck to the site and is deposited or disposed of either into or onto trucks at the site on 6670 Marcan Ave., even though those trucks, after no more than ten days, leave with the waste.

The use of a waste disposal facility is allowed in the Industrial district with a special use permit.

**MASTER PLAN**

The proposal is consistent with the Master Plan. The Future Land Use Map designates the area as Industrial and the use of a waste disposal facility is allowed in the I district.



**Legend**

 Water Bodies	 LDR, Low Density Residential
 Parcel	 MDR, Medium Density Residential
<b>Future Land Use</b>	 NC, Neighborhood Commercial
<b>Code, Land Use Value</b>	 OS, Office Service
 Ag, Agriculture	 PSP, Public Semi Public
 CC, Community Commercial	 PUD Com, PUD Commercial
 HC, Highway Commercial	 PUD Mix, PUD Mix Use
 HDR, High Density Residential	 PUD Res, PUD Residential
 I, Industrial	 REC, Recreational Open Space

**ZONING MAP**

The proposal is consistent with the Zoning Map because it designates the area as Industrial and the use of a waste disposal facility is allowed in the I district.



Legend	
	Parcel
	Water Bodies
<b>Zoning</b>	
<b>Standardized Code, Zoning Class and Code</b>	
	Neighborhood (NS)
	Community (CS)
	Highway Service Commercial HS
	Rural Residential (RR)
	Industrial (I)
	High Density (HDR)
	MHP, Mobile (MHP)
	OS A, Office (OS)
	RR A, Agricultural (AG)
	SFR A, Low Density (LD)
	SFR B, Low Medium (LMR)
	SMR A, Medium (MDR)
	SMR B, Medium High (MHR)
	Planned Unit Development (PUD)

**SUMMARY** – A site plan was recently approved for the construction of the entire building for the use of warehouse and offices, prior to the submission of the application for a special use permit for a waste disposal facility.

**a. Setbacks are required as follows:**

**Front** – 45 feet from the property line. Footnote (R) is applicable (see below) and requires that the front yard for 30 feet shall be landscaped and not be used for parking. Landscaping shall meet requirements in Sec. 3.11. One tree is required for each 25 foot or fraction thereof of frontage. **The frontage is  $146.45/25 = 6$ ; therefore, 6 trees are required. Met.**

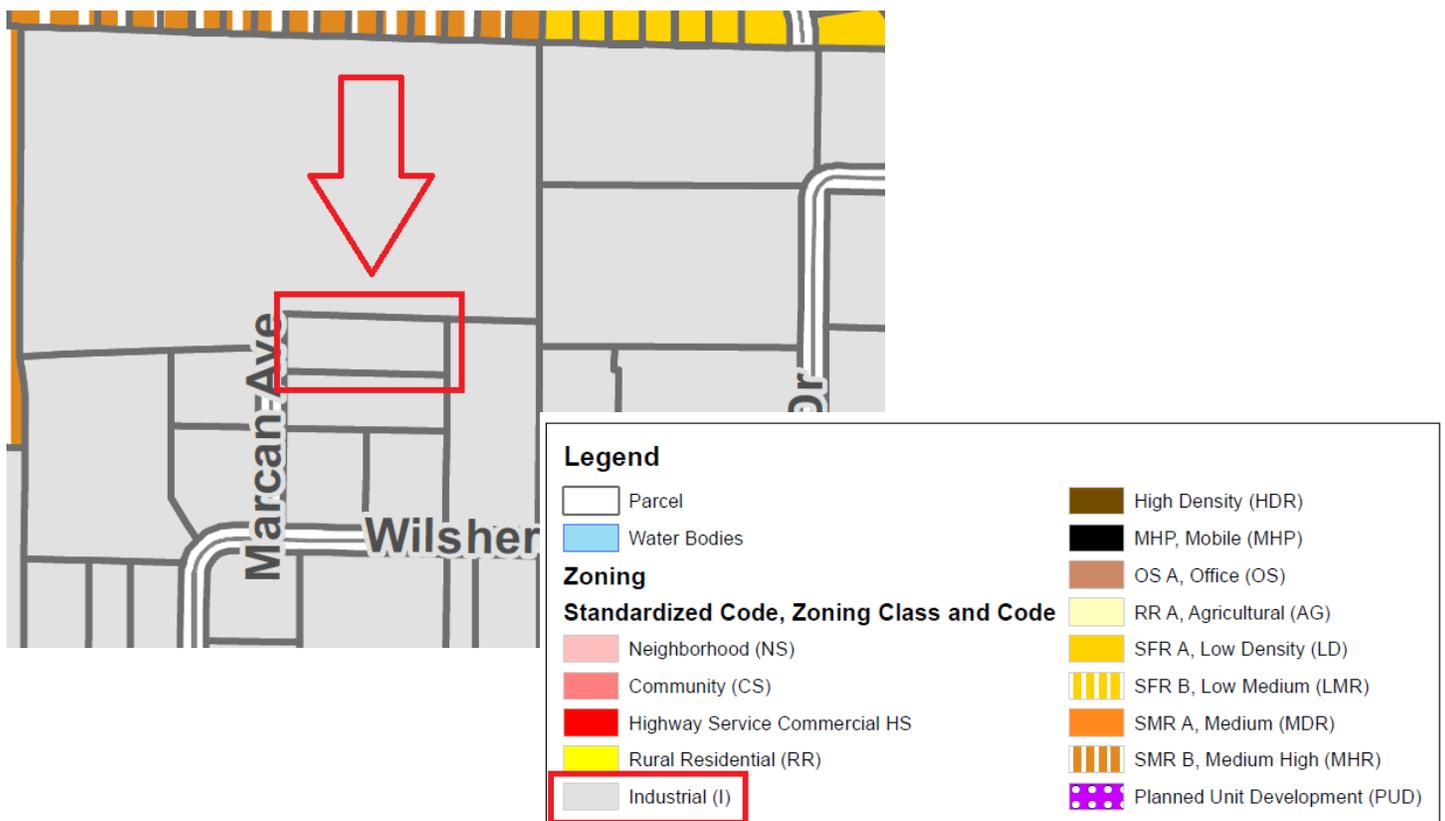
**Sides** – 20 (as long as not adjacent to a residential district). **Met.**

**Rear** – 20 feet required adjacent to another Industrial parcel, as per footnote (x). **Meets ordinance requirements.**

**Footnotes:**

**Chapter 24 footnote (R).** Except for necessary drives and walks, the front yard, for a depth of thirty (30) feet, shall be landscaped and shall not be used for parking. Loading, storage and accessory structures shall not be permitted in any front yard. Side or rear yards may be used for parking and loading. Outdoor storage may be permitted, if located in the rear yard or non-required side yard and screened from adjoining properties and streets by a sight-obscuring fence, wall or landscaping, approved by the approving authority as designed in Chapter 19.

**Chapter 24 footnote (X).** When an Industrial parcel’s rear lot line abuts another Industrial parcel, the minimum required rear yard setback is reduced to (20) twenty feet.



- b. **Provide an easement showing that a truck has the right to use the adjacent parcel to the south to maneuver to access the eastern truck well prior to the submission of the Zoning Compliance application.**
- c. In 2005, the Township Board waived the requirement of sidewalks in the industrial park.
- d. A note on the plan states that all signs shall meet ordinance requirements and that all lighting will not shed light on adjacent properties. For a ground mounted sign, the minimum setback is 15 feet, maximum height is 4 feet, and maximum size is 50 square feet. All signs require permits.
- e. Parking calculations and spaces meet ordinance requirements.
- f. **An approved Use Zoning Compliance Certificate is required prior to any tenant occupying space in the building.** Submit a Zoning Compliance application, along with all applicable submission materials including fee, and building permit application (if needed as determined by PCI) prior to any interior construction commencing because the site shall comply with all construction and fire codes.
- g. **The Planning Commission will have to determine if the special use standard number (4) is met.**
- h. The applicant provided a list of hazardous waste materials that are to be brought onto the site. **A condition of approval should be added requiring that if any other additional hazardous waste materials that are to be brought onto the site (other than what is expressly contained on the list), the name of additional hazardous waste material shall be provided to the Fire Department and the materials shall NOT be brought onto the site without prior written approval from the Fire Department.** This is necessary for safety reasons in case the Fire Department is called to the site and needs knowledge of the materials contained on the site. **Note that failure to comply with the required conditions of approval could result in the revocation of the special use permit as per Sec. 20.2(D).**

#### **General Special Use Standards**

- (1) Be designed, constructed, operated and maintained so as to be harmonious and appropriate in appearance, with the existing or intended character of the general vicinity and that such a use will not change the essential character of the area in which it is proposed. **Appears to be met.**
- (2) Be served adequately by essential public facilities and services such as highways, streets, police, fire protection, drainage structures, refuse disposal, water and sewage facilities, or schools. **Appears to be met.**
- (3) Not create excessive additional requirements at public cost for public facilities and services. **Appears to be met.**
- (4) Not involve uses, activities, processes, materials, and equipment or conditions of operation that will be detrimental to any persons, property, or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare, or odors. **Planning Commission will have to determine if this is met.**

## OPTION FOR MOTIONS

***The Planning Commission shall determine if the special use standard (4) is met.***

*If the Planning Commission determines that the standards of the ordinance have been met, the following motions are offered. If the Planning Commission determines that the standards have not been met or revisions are necessary, the request could be tabled.*

### Special Use Permit

**Motion:** To adopt the staff report as finding of fact and to approve Special Use Permit (SUP2001) EQ Industrial Services, Inc., 17440 College Parkway, Suite 300, Livonia, MI, to have a waste disposal facility for hazardous waste, under Sec. 17.3(C), on a parcel of land described as P.P. # 70-14-21-441-004, located at 6680 Marcan Ave., Suite C, in a (I) Industrial district, Georgetown Township, Ottawa County, MI, based on the findings that all applicable standards of the ordinance have been met (with the conditions as noted) including the general special use standards in Sec. 20.3, with the following conditions:

- 1) **An approved Use Zoning Compliance Certificate is required prior to any tenant occupying space in the building.** A Zoning Compliance application shall be submitted, along with all applicable submission materials including fee, and building permit application (if needed as determined by PCI) prior to any interior construction commencing because the site shall comply with all construction and fire codes.
- 2) **An easement shall be provided showing that a truck has the right to use the adjacent parcel to the south to maneuver to access the eastern truck well prior to the submission of the Zoning Compliance application.**
- 3) **All signs require permits and shall meet ordinance standards.**
- 4) **If any other additional hazardous waste materials that are to be brought onto the site (other than what is expressly contained on the list), the name of additional hazardous waste material shall be provided to the Fire Department and the materials shall NOT be brought onto the site without prior written approval from the Fire Department.**

### Site plan

*If the Planning Commission determines that all applicable standards of the ordinance have been met with the conditions as listed, the following motion is offered.*

**Motion:** To adopt the staff report as finding of fact and to approve the site plan dated 11/15/19, as presented based on the findings that all applicable standards of the ordinance have been met, and with the following conditions:

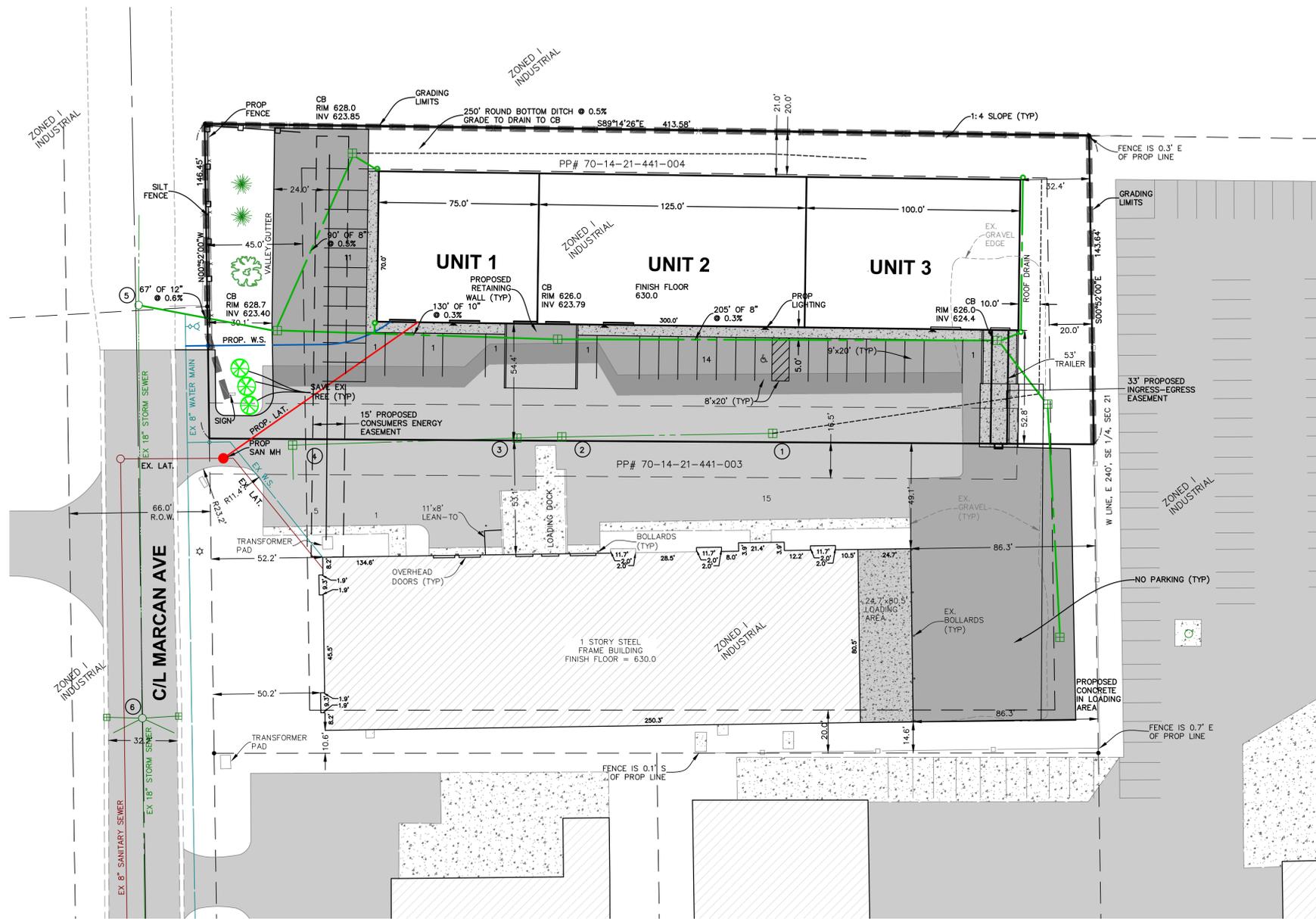
- 1) **An approved Use Zoning Compliance Certificate is required prior to any tenant occupying space in the building.** A Zoning Compliance application shall be submitted, along with all applicable submission materials including fee, and building permit application (if needed as determined by PCI) prior to any interior construction commencing because the site shall comply with all construction and fire codes.

- 2) An easement shall be provided showing that a truck has the right to use the adjacent parcel to the south to maneuver to access the eastern truck well prior to the submission of the Zoning Compliance application.**
- 3) All signs require permits and shall meet ordinance standards.**
- 4) If any other additional hazardous waste materials that are to be brought onto the site (other than what is expressly contained on the list), the name of additional hazardous waste material shall be provided to the Fire Department and the materials shall NOT be brought onto the site without prior written approval from the Fire Department.**

Criteria used for the site plan review:

I D number	SUP1906	Date	1/13/20
Name	EQ Industrial Services		
Address	6680 Marcan		
Use	Waste Disposal Facility	SUP required	Yes-Sec. 17.3(C)

REQUIREMENT	PROVIDED	Needs or Comments
Date, north arrow, scale	X	
Name, address of preparer	X	
Name, address of property owner or petitioner	X	
Location sketch	X	
Legal description	X	
Size in acres of the property	X	
Property lines and required setbacks shown and dimensioned	X	a. provided
Location of existing structures, drives, parking areas within 100 ft of boundary	X	
Location and dimensions of existing and proposed structures	X	
Location of existing and proposed drives (dimensions and radii), circulation		b. provide
Sidewalks, non-motorized paths-select streets, accel, decel lanes	X	c. not needed
Signs, exterior lighting	X	d. provided
Curbing, parking areas, dimensions of typical space, number of parking spaces	X	
Calculations of parking spaces, unloading areas	X	e. provided
Location, pavement width, ROW of all abutting roads, easements	X	
Existing zoning, and zoning and use of abutting property	X	
Location of existing vegetation-parkway association	X	
Location, type, size of proposed landscaping, streetscape, greenbelt	X	
Location, height, type of existing and proposed fences and walls	X	
Size, location of proposed, existing utilities, connections to water/sewer	X	
Location, size of surface water drainage facilities	X	
Existing, proposed topo contours, max 5 ft intervals	X	
Rec/common areas, floodplain areas	X	
Special Use Standards, general and specific	NA	
Residential development extra requirements-attached garages	NA	



**STRUCTURE INVENTORY:**

- ① STORM SEWER CATCH BASIN  
RIM: 628.24  
INV 8" (W) 624.84
- ② STORM SEWER CATCH BASIN  
RIM: 625.53  
INV 8" (E) 624.03  
INV 8" (W) 623.93
- ③ STORM SEWER CATCH BASIN  
RIM: 625.66  
INV 8" (E) 623.86  
INV 8" (W) 623.56
- ④ STORM SEWER CATCH BASIN  
RIM: 628.27  
INV 8" (E) 623.27  
INV 12" (S) 623.17
- ⑤ STORM SEWER MANHOLE  
RIM: 629.49  
INV 18" (NW) 622.89  
INV 18" (S) 622.79
- ⑥ STORM SEWER MANHOLE  
RIM: 628.27  
INV 18" (N) 621.47  
INV 24" (S) 620.97  
INV 12" (E) 622.97  
INV 12" (W) 622.77  
INV 12" (SE) 621.87  
INV 12" (SW) 621.77

**BENCHMARK:**

ELEVATION 630.80  
Flange bolt under "E" on the hydrant on the West side of the site to the North of the existing entrance.

**PROPERTY DESCRIPTION:**

North 1/2 of Lot 7, Georgetown Industrial Plat, Part of the SE 1/4, Section 21, T6N, R13W, Georgetown Township, Ottawa County, Michigan. (1.38 Acres)

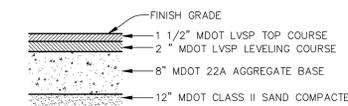
PPN: 70-14-21-441-004

**REQUIREMENTS:**

1. PROJECT DESCRIPTION: CONSTRUCT NEW BUILDING AND PARKING LOT.
2. ZONING: I (INDUSTRIAL) ZONING  
  
SETBACKS:  
FRONT YARD: 45 FEET  
REAR YARD: 20 FEET (ABUTS INDUSTRIAL)  
SIDE YARD: 20 FEET
3. PARKING REQUIREMENTS:  
1 PER 750 SF OF GFA, PLUS AMOUNT REQUIRED FOR ACCESSORY USES AND OFFICES, WITH A MINIMUM OF 5 SPACES  
REQUIRED PARKING = 28 SPACES  
PROPOSED PARKING = 28 SPACES (1 HC SPACE)
4. LIGHTING: LIGHTS SHALL BE WALL MOUNTED "SHOE-BOX" STYLE AND FULLY SHIELDED TO REDUCE LIGHTING OF ADJACENT PROPERTIES.
5. ROOF DOWNSPOUTS ON THE SOUTH SIDE OF THE BUILDING WILL DRAIN ACROSS THE PARKING LOT. ROOF DOWNSPOUTS ON THE NORTH SIDE OF THE BUILDING WILL CONNECT TO STORM SEWER.
6. SIGN: GROUND MOUNTED SIGN MEETING TOWNSHIP REQUIREMENTS

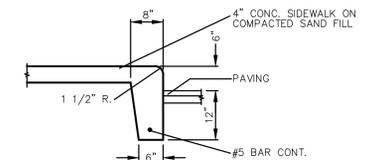
**FLOOD NOTE:**

By graphic plotting only, this property is in zone "X" of the Flood Insurance Rate Map, Community Panel No. 260589 0263 E, which bears an effective date of 5/16/13 and is not in a special flood hazard area. Zone "X" denotes areas outside of the 500 year floodplain.



**PAVING DETAIL**

NOT TO SCALE



**TURNED DOWN CURB**

NOT TO SCALE

**SOIL EROSION CONTROL GENERAL NOTES**

1. ALL SOIL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION AND MAINTAINED, AS NECESSARY, UNTIL THE SITE HAS BEEN PERMANENTLY STABILIZED.
2. RE-SPREAD 6" OF TOPSOIL OVER ALL GRADED AREAS. SEED AND FERTILIZE USING DRILL (MDOT ROADSIDE MIX).
3. SILT FENCE SHALL BE TOED IN 6" AND STAKED EVERY 6' O/C.
4. PROTECT NEW & EXISTING STORM INLETS BY PLACING A SILT SACK INSIDE THE CATCH BASIN.
5. INSPECT AND MAINTAIN ALL TEMPORARY SOIL EROSION CONTROLS AFTER EACH SIGNIFICANT RAINFALL.
6. STREET SWEEPING SHALL BE COMPLETED DAILY ON AN AS NEEDED BASIS THROUGHOUT CONSTRUCTION.
7. TOTAL AREA OF DISTURBANCE 1.38 ACRES.

**SCHEDULED ACTIVITY**

	2019	2020
	SEP	OCT NOV APR MAY
CLEAR TREES AND BRUSH		
INSTALL TEMP. EROSION CONTROLS		
STRIP TOPSOIL		
ROUGH GRADE SITE		
UTILITIES		
PARKING LOT		
TOPSOIL, SEED, & LANDSCAPE		
FINAL RESTORATION & CLEANUP		
REMOVE TEMP. EROSION CONTROLS		



**LOCATION MAP**

NOT TO SCALE



SCALE: 1" = 30'

LEGEND	
T	TOWN
R	RANGE
N	NORTH
S	SOUTH
E	EAST
W	WEST
SEC.	SECTION
P.O.B.	POINT OF BEGINNING
■	PROPOSED BLACKTOP
■	PROPOSED CONCRETE
■	EXISTING BLACKTOP
■	EXISTING CONCRETE
■	BUILDING
⊠	SECTION CORNER
⊠	SET CAPPED IRON
⊠	FOUND IRON OR NAIL
○	STORM SEWER MANHOLE
○	SANITARY SEWER MANHOLE
■	CATCH BASIN
⊕	HYDRANT
⊕	VALVE
⊕	UTILITY POLE
⊕	GUY WIRE
⊕	LIGHT POLE
⊕	WALL MOUNTED LIGHT
⊕	PEDESTAL
⊕	TRANSFORMER
⊕	SIGN

REVISIONS	
8-21-19	ADD EAST TRUCK DOCK
8-27-19	STORM
9-09-19	SECC
11-15-19	BUILDING UNITS

**SITE PLAN**  
**6680 MARCAN AVE**  
FOR: DEAN DEGRAAF  
DEGRAAF INTERIORS, INC  
(616) 662-0140

PART OF THE SE 1/4, SECTION 21, T6N, R13W, GEORGETOWN TOWNSHIP, OTTAWA COUNTY, MICHIGAN

**Feenstra & Associates, Inc.**  
CIVIL ENGINEERS & SURVEYORS  
7482 Main Street  
Jenison, MI 49428  
Phone: 616.457.7050  
www.feenstrainc.com

**C1**