CITY OF BURTON

BURTON PLANNING COMMISSION MEETING

AUGUST 13, 2019

MINUTES

Council Chambers | **Regular Meeting** | **5:00 PM**

4303 S. CENTER ROAD
BURTON, MI 48519

This meeting was opened by Vice Chair Kevin Burge at 5:00 PM.

A. PLEDGE OF ALLEGIANCE

B. ROLL CALL

Attendee Name	Title	Status	Arrived
Vaughn Smith	Councilman	Excused	
Kevin Burge	Vice Chair	Present	
Mary Ann White	Commissioner	Present	
Tom Gorang	Commissioner	Present	
Deb Walton	Chairperson	Excused	
John Benthall	Commissioner	Present	
Kris Johns	Commissioner	Present	
Robert Johnson	Commissioner	Present	

C. STAFF PRESENT

Amber Abbey, Planning/Zoning
Racheal Boggs, Deputy Clerk

D. APPROVAL OF MINUTES

1. Planning Commission - Regular Meeting - Jun 11, 2019 5:00 PM

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Tom Gorang, Commissioner
SECONDER:	John Benthall, Commissioner
AYES:	Burge, White, Gorang, Benthall, Johns, Johnson
EXCUSED:	Smith, Walton

E. PUBLIC HEARING

No audience comments.

1. SPR #19-26 / ZC# 325

   By: City of Burton
   4303 S. Center Rd.
   Burton, MI 48519

   Re: Zoning Ordinance Amendment Chapter 157

For: To regulate marijuana establishments (recreational marijuana) Part 2

Mrs. Abbey stated last month we went over the first draft of the ordinance and after some conversations and the state releasing their emergency rules, we decided to take another look. Because we made some changes, we are having a second public hearing. She described the changes made to the recreational marijuana ordinance draft. The following items were discussed:

The state has made a designated consumption establishment a licensed facility. We can regulate it the same way we do our other facilities. This allows for consumption on the premises for those over the age of 21. They must charge a fee for entry, and sell goods or services during consumption. They cannot sell alcohol. A permit is required every year through the state.

The state also allows an excess marijauna grower license. This allows for several growing establishments in one facility.

Temporary licenses for consumption at events up to seven days. This will be treated like any other recreational event license; they go in front of the Zoning Board of Appeals and we send notices to everyone within 300 feet of the property.

Designated Consumption Establishments are the same as provisioning centers and will be C2 zoned with a special use permit.

Permitted use within the M1 zone is not any different than the other facilities.

No loitering was added as discussed in item #6 including a picture of what the signs should look like. This is required at or near each public entrance.

Special consideration for temporary marijuana event permits will match what the state uses. The only difference is we want our application to include more information that the Zoning Board can use to make their decision as to whether or not it is an appropriate event to have at the location. This includes location address, name of the event, diagram of physical layout showing entrances, exits, retail areas, consumption areas and where waste will be stored. Dates and hours of operation are required. No permits will be issued for more than 7 days. This came from the state requirements. Additionally, No written attestation will be authorized to the Sate of Michigan until the Zoning Board approves the application. It is up to the applicant to ensure the timeliness of approval from the Zoning Board.

Mr. Gorang asked if they can have alcohol at these temporary events.

Mrs. Abbey said, no. The state doesn't allow for this.

Mr. Burge asked if this only includes the sale of alcohol. Can they bring their own?

Mrs. Abbey stated based on state law, my guess would be no.

Mr. Burge asked the board if they were sure about the distance requirement of 500 feet from residential property.

The board agreed to require 500 feet.

Mrs. Abbey stated this will be on the City Council agenda for first reading on Thursday, September 5, 2019.

RESULT:	**CARRIED [UNANIMOUS]**
MOVER:	Robert Johnson, Commissioner
SECONDER:	Mary Ann White, Commissioner
AYES:	Burge, White, Gorang, Benthall, Johns, Johnson
EXCUSED:	Smith, Walton

F. SITE PLAN REVIEW

1. SPR # 19-30

By: Chuck Piskoti
4099 S. Dort Hwy.
Burton, MI 48529

Re: 4099 S. Dort Hwy. Burton, MI 48529
59-33-100-007 / M-1 Zone

For: Construction of a new building

John Asselinn of Flint with Asselin Mclane Architectural Group stated this is a new building that is approximately 31,000 square feet that will be used for storage.

Mrs. Abbey stated as always, it's great to see existing businesses stay and expand in Burton. We recommend approval.

Mr. Johnson stated throughout his years with the Fire Department, he spent some time at the facility and this is a top notch organization. I welcome the chance to keep them in our community.

RESULT:	**CARRIED [UNANIMOUS]**
MOVER:	Robert Johnson, Commissioner
SECONDER:	John Benthall, Commissioner
AYES:	Burge, White, Gorang, Benthall, Johns, Johnson
EXCUSED:	Smith, Walton

2. SPR #19-31

By: Matthew Ovadek
1352 S. Oak St.
Davison, MI 48423

Re: 3323 Associates Dr. Burton, MI 48529
59-29-551-003 / M-1 Zone

For: Addition to the building

Matt Ovadek of Davison stated we have had some delays through the state since our first application and approval in 2017. We are ready to proceed with the expansion now and hoping for another approval so we can update the property.

Mrs. Abbey stated the board saw this plan in 2017 and it was approved. The site plan has been expired for about a year and no building permit was pulled. Nothing has changed in our ordinance since then. This is just a re-approval of an existing site plan from 2017. We recommend approval.

Mr. Johnson asked what type of business this is.

Mr. Abbey said, a marijuana grow facility.

Mr. Burge said he remembers the building requiring a large amount of electrical work.

Mr. Ovadek stated they needed some major power in the building which has been updated. The tenant had issues with getting licensed which has been taken care of.

Mr. Gorang asked when the addition will be complete.

Mr. Ovadek said, weather permitting, by the end of the year.

Mr. Gorang asked for the square footage of the addition.

Mr. Ovadek said, the addition is about 28,000 square feet.

RESULT:	**CARRIED [UNANIMOUS]**
MOVER:	Tom Gorang, Commissioner
SECONDER:	Robert Johnson, Commissioner
AYES:	Burge, White, Gorang, Benthall, Johns, Johnson
EXCUSED:	Smith, Walton

G. ADMINISTRATIVE SITE PLAN REVIEW

1. SPR #19-27

By: Swan Chiropractic
1371 N. Belsay Rd.
Burton, MI 48509

Re: 1371 N. Belsay Rd. Burton, MI 48509

For: Chiropractic Office

2. SPR #19-28

   By: Tiara Hoffman
   5076 Roberts Dr.
   Flint, MI 48506

   Re: 4067 E. Court St.

   For: Salon

3. SPR #19-29

   By: First Storage One
   4258 Somers Dr.
   Burton, MI 48529

   Re: 4258 Somers Dr. Burton, MI 48529

   For: Parking Lot Addition

H. AUDIENCE PARTICIPATION

None.

I. BOARD DISCUSSION

Mr. Burge asked if there is something going on with the projects behind Elwood's and Genesee Ceramic Tile?

Mrs. Abbey stated there are several other approvals applicants must go through; architectural design, building permit, drain commission approval and water and sewer approval from the county and city. This takes time.

Mr. Johns asked for an update on the completion of the Davison Road GM facility.

Mrs. Abbey stated the building is complete. The bypass lane on Genesee Road is going in. Davison Road is getting a turn lane and they are doing storm sewer work on Genesee Road. After that, restoration will begin.

Ms. White asked if they are putting a light at the exit.

Mrs. Abbey said, they are putting a light at the truck exit but not at the employee exit.

Ms. White stated she thought we put a restriction that the trucks could only turn right out of the parking lot.

Mrs. Abbey stated the typical truck route directs them to turn right but they can turn left it they want. When the light is in, it will help with the flow of traffic there. There is no required right turn only there.

Discussion ensued on traffic flow in and around the GM facility.

The next regular scheduled Planning Meeting will be held on September 10, 2019 @ 5:00 PM.

Agendas and minutes may be found at www.burtonmi.gov

Meeting was adjourned at 5:30 PM.

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CITY OF BURTON

BURTON PLANNING COMMISSION MEETING

JUNE 11, 2019

MINUTES

Council Chambers | **Regular Meeting** | **5:00 PM**

4303 S. CENTER ROAD
BURTON, MI 48519

This meeting was opened by Chairperson Deb Walton at 5:00 PM.

A. PLEDGE OF ALLEGIANCE

B. ROLL CALL

Attendee Name	Title	Status	Arrived
Vaughn Smith	Councilman	Present	
Kevin Burge	Vice Chair	Present	
Mary Ann White	Commissioner	Present	
Tom Gorang	Commissioner	Present	
Deb Walton	Chairperson	Present	
John Benthall	Commissioner	Excused	
Kris Johns	Commissioner	Present	
Robert Johnson	Commissioner	Present	

C. STAFF PRESENT

Amber Abbey, Planning/Zoning Superintendent
Racheal Boggs, Deputy Clerk

D. APPROVAL OF MINUTES

1. Planning Commission - Regular Meeting - May 14, 2019 5:00 PM

RESULT:	**ACCEPTED [UNANIMOUS]**
MOVER:	Kevin Burge, Vice Chair
SECONDER:	Robert Johnson, Commissioner
AYES:	Smith, Burge, White, Gorang, Walton, Johns, Johnson
EXCUSED:	Benthall

E. SITE PLAN REVIEW

1. SPR #19-22

By: James Cokley c/o Genesee Ceramic Tile
1307 N. Belsay Rd.
Burton, MI 48509

Re: 1307 N. Belsay Rd. Burton, MI 48509
59-11-526-019, M-1 Zoned

Minutes Acceptance: Minutes of Jun 11, 2019 5:00 PM (Approval of Minutes)

For: Construction of a 60’ x 120’ storage building

Lisa Easterwood with Fleis and Vandenbrink Engineering gave an overview of the plans for a 60' by 120' storage building project on behalf of James Cokely of Genesee Ceramic Tile.

Mrs. Walton stated there is no audience present to speak for or against this project.

Mrs. Abbey stated it is always great when an existing business in Burton is looking to expand to add capacity. The administration recommends approval.

Mr. Gorang asked if the new building will be connected to the existing building.

Ms. Easterwood stated they will be separate.

Mr. Gorang asked where they will load and unload.

Ms. Easterwood explained that the loading dock will be the same.

Mr. Burge asked if there will be enough room for semi's to come in and turn around in the 12 foot area.

Mr. Cokely stated it isn't designed for that purpose. The door can open in the new building for them to pull straight through.

Mr. Burge asked about the drainage.

Ms. Easterwood it will drain according to county standards, in this case it is to the road.

RESULT:	**CARRIED [UNANIMOUS]**
MOVER:	Kevin Burge, Vice Chair
SECONDER:	Tom Gorang, Commissioner
AYES:	Smith, Burge, White, Gorang, Walton, Johns, Johnson
EXCUSED:	Benthall

F. ADMINISTRATIVE SITE PLAN REVIEW

1. SPR #19-18

By: Theresa Conner
6280 Seymour Rd.
Swartz Creek, MI

Re: 3266 S. Dort Hwy. Burton, MI 48529

For: CRC Appliance, Inc.

Minutes Acceptance: Minutes of Jun 11, 2019 5:00 PM (Approval of Minutes)

2. SPR #19-19

   By: Jake Hernandez-Pellerito
   1470 James
   Burton, MI 48529

   Re: 3492 S. Saginaw St. Burton, MI 48529

   For: RFJ Design Studio, LLC.

3. SPR #19-20

   By: Tony Cronkright
   1128 S. Vassar Rd.
   Burton, MI 48509

   Re: 5460 Lapeer Rd. Burton, MI 48509

   For: Mid-Michigan Muffler & Brakes

   Mr. Burge asked why this is taking so long to open.

   Mrs. Abbey stated they have to do interior construction. They just received the building permit.

4. SPR #19-21

   By: Baru Belin
   5419 Ledgewood Creek Ave.
   Las Vegas, NV 89141

   Re: 1146 Hemphill Rd. Burton, MI 48529

   For: Janitorial and supplies

   Mr. Burge asked if the applicant has to have the Fire Department come out for an inspection.

   Mrs. Abbey stated every business has to submit an application to the Fire Department and have an inspection/approval before occupancy is issued.

G. AUDIENCE PARTICIPATION

None.

H. BOARD DISCUSSION

1. Recreational Marijuana Discussion

Minutes Acceptance: Minutes of Jun 11, 2019 5:00 PM (Approval of Minutes)

Mrs. Abbey provided a sample of a Recreational Marijuana Ordinance, a copy of the existing medical marijuana ordinance and the application process to the Planning Commission members. The sample provided tonight only includes uses that are in state law. She explained this is all zoning law; time, place and manner of the business only. This is enforced by the Code Enforcement Offer. If you are comfortable after tonight, I would like to have a public hearing in July however, if you are not comfortable tonight, we can wait.

The Planning Commission discussed the following to include in their Recreational Marijuana Ordinance:

- Definitions- as provided by stated law: locational limitations, Marijuana establishment, Marijuana grower, Marijuana microbusiness (new), Marijuana processor, Marijuana retailer, Marijuana secure transporter, Marijuana safety compliance facility.
- Distance requirements - 1,000 feet from a school
- Issuing special use licenses for recreational in addition to medical and whether to charge another license fee. Planning Commission decided to charge only one fee.
- Recreational Establishment- hours of operation- decision was to keep the same as medical marijuana ordinance, enclosed structure, compliance with state laws, age requirements to enter establishments, collocating with other types of businesses
- Signage restrictions- exterior not appealing to minors
- Fees for violations
- Site Plan requirements- same as medical
- Periodic Inspections
- Annual Renewal
- Securing locational limitations- property line to property line
- Permits for temporary consumption within designated areas for special events with ZBA approval

Mr. Burge asked if we can put infraction information in the ordinance.

Mrs. Abbey said yes, it will be in the ordinance as a civil infraction.

THE NEXT REGULAR SCHEDULED PLANNING MEETING WILL BE HELD ON JULY 9, 2019 @ 5:00 PM

Agendas and minutes may be found at www.burtonmi.gov

Meeting was adjourned at 6:50 PM.

Minutes Acceptance: Minutes of Jun 11, 2019 5:00 PM (Approval of Minutes)

SPR #19-26 / ZC# 325

By: City of Burton
4303 S. Center Rd.
Burton, MI 48519

Re: Zoning Ordinance Amendment Chapter 157

For: To regulate marijuana establishments (recreational marijuana) Part 2

COMMENTS - Current Meeting:

Mrs. Abbey stated last month we went over the first draft of the ordinance and after some conversations and the state releasing their emergency rules, we decided to take another look. Because we made some changes, we are having a second public hearing. She described the changes made to the recreational marijuana ordinance draft. The following items were discussed:

The state has made a designated consumption establishment a licensed facility. We can regulate it the same way we do our other facilities. This allows for consumption on the premises for those over the age of 21. They must charge a fee for entry, and sell goods or services during consumption. They cannot sell alcohol. A permit is required every year through the state.

The state also allows an excess marijauna grower license. This allows for several growing establishments in one facility.

Temporary licenses for consumption at events up to seven days. This will be treated like any other recreational event license; they go in front of the Zoning Board of Appeals and we send notices to everyone within 300 feet of the property.

Designated Consumption Establishments are the same as provisioning centers and will be C2 zoned with a special use permit.

Permitted use within the M1 zone is not any different than the other facilities.

No loitering was added as discussed in item #6 including a picture of what the signs should look like. This is required at or near each public entrance.

Special consideration for temporary marijuana event permits will match what the state uses. The only difference is we want our application to include more information that the Zoning Board can use to make their decision as to whether or not it is an appropriate event to have at the location. This includes location address, name of the event, diagram of physical

E.1

layout showing entrances, exits, retail areas, consumption areas and where waste will be stored. Dates and hours of operation are required. No permits will be issued for more than 7 days. This came from the state requirements. Additionally, No written attestation will be authorized to the Sate of Michigan until the Zoning Board approves the application. It is up to the applicant to ensure the timeliness of approval from the Zoning Board.

Mr. Gorang asked if they can have alcohol at these temporary events.

Mrs. Abbey said, no. The state doesn't allow for this.

Mr. Burge asked if this only includes the sale of alcohol. Can they bring their own?

Mrs. Abbey stated based on state law, my guess would be no.

Mr. Burge asked the board if they were sure about the distance requirement of 500 feet from residential property.

The board agreed to require 500 feet.

Mrs. Abbey stated this will be on the City Council agenda for first reading on Thursday, September 5, 2019.

ATTACHMENTS:

- Rec Marijuana Ordinance.Draft2 (PDF)

RESULT:	**CARRIED [UNANIMOUS]**
MOVER:	Robert Johnson, Commissioner
SECONDER:	Mary Ann White, Commissioner
AYES:	Burge, White, Gorang, Benthall, Johns, Johnson
EXCUSED:	Vaughn Smith, Deb Walton

CITY OF BURTON
GENESEE COUNTY, MICHIGAN

ORDINANCE NO. 2019- -157

AN ORDINANCE TO AMEND CHAPTER 157, the ZONING ORDINANCE, OF THE CODE OF ORDINANCES OF THE CITY OF BURTON TO REGULATE MARIJUANA ESTABLISHMENTS (RECREATIONAL MARIJUANA)

THE CITY OF BURTON ORDAINS:

SECTION I

Section 157.006 of Chapter 157 of the Code of ordinances of the City of Burton shall be amended by the addition of the following:

§157.006 DEFINITIONS.

DESIGNATED CONSUMPTION ESTABLISHMENT means a commercial space that is licensed by the State of Michigan and City of Burton and authorized to permit adults 21 years of age and older to consume marijuana products at the location indicated on the State and City license. An establishment that allows consumption of marijuana products on the premises of a non-residential location and charges a fee for entry, sells good or services while individuals are consuming on the premises, or requires membership for entry shall acquire a designated consumption establishment license.

LOCATIONAL LIMITATIONS when determining the distance requirements of any commercial medical marijuana transaction facility and/or marijuana establishment the term "within" shall mean as measured from property line to property line.

MARIJUANA ESTABLISHMENT means a marijuana grower, marijuana safety compliance facility, marijuana processor, marijuana microbusiness, marijuana retailer, marijuana secure transporter, marijuana designated consumption establishment, or any other type of marijuana-related business licensed by the State of Michigan.

MARIJUANA GROWER means a person licensed to cultivate marijuana and sell or otherwise transfer marijuana to marijuana establishments. Shall include a State licensed Excess Marijuana Grower.

MARIJUANA MICROBUSINESS means a person licensed to cultivate not more than 150 marijuana plants; process and package marijuana; and sell or otherwise transfer marijuana to individuals who are 21 years of age or older or to a marijuana safety compliance facility, but not to other marijuana establishments.

MARIJUANA PROCESSOR means a person licensed to obtain marijuana from marijuana establishments; process and package marijuana; and sell or otherwise transfer marijuana to marijuana establishments.

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

MARIJUANA RETAILER means a person licensed to obtain marijuana from marijuana establishments and to sell or otherwise transfer marijuana to marijuana establishments and to individuals who are 21 years of age or older.

MARIJUANA SECURE TRANSPORTER means a person licensed to obtain marijuana from marijuana establishments in order to transport marijuana to marijuana establishments.

MARIJUANA SAFETY COMPLIANCE FACILITY means a person licensed to test marijuana, including certification for potency and the presence of contaminants.

TEMPORARY MARIJUANA EVENT means a State license with Zoning Board of Appeals approval held by a marijuana event organizer for an event where the onsite sale or consumption of marijuana products, or both, are authorized at the location indicated on the State and City license during the dates indicated on the State and City license.

SECTION II

Section 157.043 of Chapter 157 of the Code of Ordinances of the City of. Burton shall be amended by the addition of the following:

§ 157.043 GENERAL BUSINESS DISTRICT, C-2

(C)(10) Marijuana Retailer

(A) Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the marijuana retailer shall not be permitted within the locational limitations as follows:

1. Within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment;
2. Within two hundred (200) feet of a residential district or use;
3. Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;
4. Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and
5. Within one thousand (1000) feet of any public or municipal park.

(B) While subject to all other requirements of this Ordinance, it is not the intention of the City of Burton to require an additional special use approval for the marijuana establishment if the Planning Commission has already approved a special use for a medical marijuana provisioning center and said provisioning center has been operating under that approval with a State of Michigan approved license.

(C)(11) Designated Consumption Establishment Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the marijuana designated consumption establishment shall not be permitted within the locational limitations as follows:

1. Within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment;
2. Within two hundred (500) feet of a residential district or use;
3. Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;
4. Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and
5. Within one thousand (1000) feet of any public or municipal park.

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

SECTION III

Section 157.046 of Chapter 157 of the Code of Ordinances of the City of Burton, shall be amended by the removal and addition of the following:

§157.046 LIGHT INDUSTRIAL DISTRICT, M-1.

(B) (10) Marijuana Retailer Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the marijuana retailer shall not be permitted within the locational limitations as follows:

(a) within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment; if the same applicant has one parcel of land in which they have the ability to co-locate a provisioning center/retailer, a grow facility/grower and/or processing center/processor, there may be an exception given to permit these uses on that one parcel of land. Each facility will provide separate applications and will be given separate consideration along with individual annual fees.

(b) Within two hundred (200) feet of a residential district Or use;

(c) Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;

(d) Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and

(e) Within one thousand (1000) feet of any public or municipal park.

(B) (11) Marijuana Microbusiness Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the marijuana microbusiness shall not be permitted within the locational limitations as follows::

(a) Within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment;

(b) Within two hundred (200) feet of a residential district Or use;

(c) Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;

(d) Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and

(e) Within one thousand (1000) feet of any public or municipal park.

(B)(12) Marijuana Grower Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the marijuana grower shall not be permitted within the locational limitations as follows::

(a) within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment; if the same applicant has one parcel of land in which they have the ability to co-locate a provisioning center/retailer, a grow facility/grower and/or processing center/processor, there may be an exception given to permit these uses on that one parcel of land. Each facility will provide separate applications and will be given separate consideration along with individual annual fees.

(b) Within two hundred (200) feet of a residential district Or use;

(c) Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;

(d) Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

(e) Within one thousand (1000) feet of any public or municipal park.

(B)(13) Marijuana Processor: Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the marijuana processor shall not be permitted within the locational limitations as follows:

(a) within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment; if the same applicant has one parcel of land in which they have the ability to co-locate a provisioning center/retailer, a grow facility/grower and/or processing center/processor, there may be an exception given to permit these uses on that one parcel of land. Each facility will provide separate applications and will be given separate consideration along with individual annual fees.

(b) Within two hundred (200) feet of a residential district Or use;

(c) Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;

(d) Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and

(e) Within one thousand (1000) feet of any public or municipal park.

(B)(14) Marijuana Safety Compliance Facility: Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the safety compliance facility shall not be permitted within the locational limitations as follows:

(a) Within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment;

(b) Within two hundred (200) feet of a residential district or use;

(c) Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;

(d) Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and

(e) Within one thousand (1000) feet of any public or municipal park.

(B)(15) Marijuana Secure Transporter: Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the secure transporter facility shall not be permitted within the locational limitations as follows:

(a)Within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment;

(b) Within two hundred (200) feet of a residential district or use;

(c) Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;

(d) Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and

(e) Within one thousand (1000) feet of any public or municipal park.

(B)(16) Designated Consumption Establishment Shall be subject to all requirements as set forth in section 157.092 of this Code for site plan review provided that the marijuana designated consumption establishment shall not be permitted within the locational limitations as follows:

1. Within five hundred (500) feet of any other commercial medical marijuana transaction facility and/or marijuana establishment;

2. Within two hundred (500) feet of a residential district or use;

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

3. Within one thousand (1000) feet of any school, nursery, licensed day care center or other building used for the care or instruction of children under 18 years of age;

4. Within one thousand (1000) feet of any church, house of worship or other religious facility or institution; and

5. Within one thousand (1000) feet of any public or municipal park.

SECTION IV

Chapter 157 of the Code of Ordinances of the City of Burton shall be amended by the addition of Section 157.101 to provide as follows:

§157.101 MARIJUANA ESTABLISHMENTS

It is the intent of this section to regulate any marijuana establishments by the following requirements:

(A) Operational Limitations.

(1) A marijuana establishments shall only operate between 8:00 a.m. and 8:00 p.m. Monday through Saturday and 12:00 noon and 6:00 p.m. Sunday.

(2) A marijuana establishments shall comply at all times with each and every provision of the State of Michigan, Michigan Regulation and Taxation of Marihuana Act (MRTMA)

(3) Any permitted activities conducted by a marijuana establishments must be done inside a fully enclosed structure or building that is kept secured with locks to prevent unintended or uninvited access.

(4) Persons under the age of twenty one (21) years of age are not permitted to be on the property of any marijuana establishments unless they possess a valid Medical Marijuana Registry Card issued by the State of Michigan or other state and the marijuana establishments is co-located with an approved medical marijuana transaction facility.

(5) Advertising and/or marketing for a marijuana establishments, viewed from the exterior, shall not appeal to or have the effect of appealing to minors, this shall include but is not limited to signage, flyers, banners, etc. as permitted in Chapter 153.10 of the City Code of Ordinances.

(6) Any owners and/or operators of any marijuana establishments who violates these sections shall be liable for all costs associated with the investigation, prosecution and enforcement of that violation.

(7) Unless otherwise permitted through co-location with another commercial medical marijuana transaction facility and/or marijuana establishment, no license will be approved on a property that has any other approved uses.

(B) Site Plan Requirements.

(1) Any person who wished to operate any marijuana establishments shall submit an application for site plan review to the City of Burton as set forth in Section 157.092, consistent with the zoning of the property, showing required locational limitations as set forth in Section 157.043(C)(10), Section 157.046 (B)(10) (B)(11), (B)(12), (B)(13), (B)(14), and (B)(15) as they apply, shall pay a nonrefundable fee as shall be established, and from time to time be amended by resolution of the Burton City Council, and which shall include the following:

(a) Security system details which shall include, at the minimum, audible and silent alarms and video surveillance cameras.

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

(b) Details regarding the building electrical system, power demands of specialized lighting and other necessary equipment, and method proposed to prevent excessive heat build-up and risk of fire within the building.

(c) Ventilation equipment details, including fresh air intake and filtration of exhaust air to prevent offensive odors from leaving the site.

(d) Proposed methods for controlling insects within the building and preventing insects from becoming a nuisance or health hazard, off the site.

(e) A description of the operation of the commercial marijuana establishments in sufficient detail to permit the City to determine if the operation, as described would be lawful and fully compliant with The Michigan Regulation and Taxation of Marihuana Act (MRTMA)

(2) Once the application is approved and within 30 days, the applicant must then submit any further documentation necessary to receive a certificate of occupancy which shall include but is not limited to building permits, inspections, and audits as deemed necessary by the Department of Public Works. At this time the applicant must also pay an annual, nonrefundable license fee as shall be established, and from time to time be amended by resolution of the Burton City Council.

(3) Annual renewal of the application is required for any marijuana establishments and must comply with 157.101 (D).

(4) All applicants must provide a copy of the State of Michigan approved operating license before certificate of occupancy can be issued.

(5) Any change of ownership of the property and/or facility or change of use will be considered a new application for all purposes of this ordinance, with the exception of 157.101 (E). In the case in which the existing facility has not vacated the new application will be secured from any new locational limitation.

(6) A licensed Marijuana establishment shall maintain a clearly legible sign, not less than 18" x 24" in size, and white background with black lettering in color, reading "No Loitering" at or near each public entrance. The sign shall also display the Ordinance number as the following design:

NO LOITERING

Ordinance 144.08(B)(1)(c)

(C) Periodic Inspections. Prior to the start of operations all marijuana establishments shall submit and allow authorized City zoning and building inspection and/or law enforcement personnel to make unannounced, periodic inspections for purposes of verifying compliance with all requirements of this Ordinance and Section, and any reasonable conditions placed upon any special land use approval. Once operations begin, all marijuana establishments shall submit and allow authorized City zoning and building inspection and/or law enforcement personnel to make inspections in accordance with applicable codes.

(D) Annual Renewal. A marijuana establishment approval shall be issued for a 1-year period and is renewable annually.

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

(1) Except as set forth in this Ordinance, the Department of Public Works shall renew a license if all of the following requirements are met:

(a) The applicant submits a renewal application provided by the City of Burton and pay the an annual, nonrefundable license fee as shall be established, and from time to time be amended by resolution of the Burton City Council; and

(b) The application is received by the City on or before the expiration date of the current approval.

(2) It is the sole responsibility of the applicant to apply for renewal prior to the expiration. Upon or after the date of expiration the City of Burton shall notify the applicant at the last known address on file advising them they have 30 days to apply for renewal and pay any applicable late fees and the annual non-refundable fee. Failure to renew 30 days from date noticed mailed will revoke the establishment's certificate of occupancy and require any future application to be considered new.

(3) Renewal shall be considered 1-year from the date in which the annual fee is paid.

(4) In its decision on an application for renewal, the City of Burton shall consider any input from the building official, code enforcement officer, fire department and/or police department.

(E) Securing locational limitations. Applications are considered on a first come basis for purpose of required locational limitations as set forth in Section in Section 157.043(C)(10) and (C)(11) Section 157.046 (B)(10) (B)(11), (B)(12), (B)(13), (B)(14), (B)(15) and (B)(16). Consideration is only taken when the complete application is submitted to the City of Burton and any required fees are paid in full. Consideration may be taken when there is a pending application to the Zoning Board of Appeals or Planning Commission, as appropriate. Application for a State operating license does not secure any position for locational limitations.

(F) Special Consideration for Temporary Marijuana Event permits.

(1) It shall be unlawful on commercial or industrial property, without first obtaining a permit from the city's Zoning Board of Appeals, for any person or firm to conduct or to take part in, or for the landowner of any private land to permit upon his or her land, an establishment that allows consumption of marijuana products on the premises of a non-residential location and charges a fee for entry, sells good or services while individuals are consuming on the premises, or requires membership for entry shall acquire a temporary marijuana event license.

(2) Any cease of operations order issued under the provisions of this ordinance will include a penalty in an amount as established by resolution of the City Council.

(3) Permit for any of these activities shall be known as a "Temporary Marijuana Event Permits".

(4) All applications for an Temporary Marijuana Event permits under this ordinance shall conform to the requirements set forth in the city's zoning ordinance, Chapter 157 of this code, as amended, for applications to the Zoning Board of Appeals, including form, signatures, and notice requirements, and to the rules and regulations of the Board of Appeals relating thereto. Applications must include the following:

(a) The address of the location where the temporary marijuana event will be held.
(b) The name of the temporary marijuana event.
(c) A diagram of the physical layout of the temporary marijuana event. The diagram shall clearly indicate all of the following:
1. Where the temporary marijuana event will be taking place on the location grounds.

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

2. All entrances and exits that will be used by participants during the event.
3. All marijuana consumption areas.
4. All marijuana retail areas where marijuana products will be sold.
5. Where marijuana waste will be stored.

(d) The dates and hours of operation for which the temporary marijuana event permit is being sought.

(5) Any permits issued by the Zoning Board of Appeals shall only be issued for a single day or up to 7 consecutive days. No temporary marijuana event permit will be issued for more than 7 days.

(6) The applicant must secure approval from the Zoning Board of Appeals before a written attestation will be authorized to the State of Michigan. It is the applicant's sole responsibility to ensure the deadlines for applications are met.

SECTION V

All other provisions of Chapter 157.101 shall be and are hereby ratified.

SECTION VI

This Ordinance shall be published in a newspaper of general circulation within the City of Burton, Genesee County, Michigan, and shall become effective December 6, 2019 or upon State of Michigan's acceptance of applications for Marijuana Establishments license, whichever may first occur.

SECTION VII

A copy of this Ordinance may be inspected at the City Clerk's office at the Burton City Hall, 4303 S. Center Road, Burton, Michigan, during regular business hours.

CITY OF BURTON

_____

BY: PAULA ZELENKO, MAYOR

_____

BY: BETTE BIGSBY, ACTING CITY CLERK

Ordinance introduced on:

Enacted:

Effective date:

DRAFT

Attachment: Rec Marijuana Ordinance.Draft2 (4498 : SPR #19-26 / ZC# 325)

SPR # 19-30

By: Chuck Piskoti
4099 S. Dort Hwy.
Burton, MI 48529

Re: 4099 S. Dort Hwy. Burton, MI 48529
59-33-100-007 / M-1 Zone

For: Construction of a new building

COMMENTS - Current Meeting:

John Asselinn of Flint with Asselin Mclane Architectural Group stated this is a new building that is approximately 31,000 square feet that will be used for storage.

Mrs. Abbey stated as always, it's great to see existing businesses stay and expand in Burton. We recommend approval.

Mr. Johnson stated throughout his years with the Fire Department, he spent some time at the facility and this is a top notch organization. I welcome the chance to keep them in our community.

ATTACHMENTS:

- Back up 19-30 (PDF)

RESULT:	**CARRIED [UNANIMOUS]**
MOVER:	Robert Johnson, Commissioner
SECONDER:	John Benthall, Commissioner
AYES:	Burge, White, Gorang, Benthall, Johns, Johnson
EXCUSED:	Vaughn Smith, Deb Walton

City of Burton

Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230

STR

APPLICATION FOR SITE PLAN REVIEW

DATE FILED: 7-30-19
FEE: 200.00
RECEIPT NO: _____
CHECK NO: _____

SPR #: 19-30

PLEASE PRINT

DATE OF PLANNING COMMISSION MEETING: August 13, 2019
APPLICANTS NAME: Chuck Piskoti
APPLICANTS ADDRESS: G-4099 S. Dort Hwy, Burton, MI 48529
APPLICANTS PHONE NO: 810-715-5018
PROPOSED NAME OF BUSINESS: Genesee Polymers
SITE ADDRESS: G-4099 S. Dort Hwy, Burton, MI 48529
SUBDIVISION & LOT # OR PARCEL NUMBER: 59-33-100-007

RE: New building

APPLICANT: IT IS TO YOUR ADVANTAGE TO ATTEND THE ABOVE SCHEDULED MEETING. THE PLANNING COMMISSION MAY HAVE QUESTIONS THAT DIRECTLY AFFECT APPROVAL, DENIAL, OR POSTPONING UNTIL THESE QUESTIONS CAN BE ANSWERED.

APPLICANTS SIGNATURE: Charles R Piskoti

NOTE: All site plans must be filed at least two (2) weeks prior to the Planning Commission hearing and **MU** comply with the procedures set forth in Section 157.092 of Codified Ordinance as attached. Must include **twelve (12) sets** of prints in order to process the application.

Attachment: Back up 19-30 (4496 : SPR #19-30)

GENESEE POLYMERS

NEW WAREHOUSE

SITE PLAN APPROVAL PACKAGE

G-4099 SOUTH DORT HIGHWAY
BURTON, MI 48529

PART OF THE NORTHWEST 1/4 OF SECTION 33
TOWNSHIP 07 NORTH, RANGE 07 EAST
CITY OF BURTON, COUNTY OF GENESEE, STATE OF MICHIGAN

PROPERTY DESCRIPTION:

DESCRIPTION (59-33-100-007):
LAND IN THE CITY OF BURTON, GENESEE COUNTY, MICHIGAN, DESCRIBED AS: PART OF THE NORTHWEST 1/4 OF SECTION 33, TOWNSHIP 7 NORTH, RANGE 7 EAST, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST LINE OF DORT (M-54) HIGHWAY WHICH IS SOUTH 00 DEGREES 36 MINUTES 45 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 33 A DISTANCE OF 1420.0 FEET AND SOUTH 89 DEGREES 03 MINUTES 30 SECONDS EAST, 50.0 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 33; THENCE EASTERLY ALONG THE SOUTH LINE OF THE RECORDED PLATS OF WAY ACRES AND SUPERVISOR'S PLAT OF WAY ACRES NO.1, SOUTH 67 DEGREES 18 MINUTES 09 SECONDS EAST, 26.98 FEET (PREVIOUSLY DEEDED 27.10 FEET) AND SOUTH 89 DEGREES 03 MINUTES 30 SECONDS EAST, 387.50 FEET TO THE SOUTHWEST CORNER OF LOT 35 OF SAID SUPERVISOR'S PLAT OF WAY ACRES NO.1; THENCE SOUTH 01 DEGREES 14 MINUTES 30 SECONDS WEST, 22.87 FEET; THENCE ON A CURVE TO THE RIGHT, RADIUS OF 905.37 FEET; CHORD BEARING AND DISTANCE OF SOUTH 23 DEGREES 36 MINUTES 11 SECONDS WEST, 136.46 FEET; THENCE SOUTH 27 DEGREES 55 MINUTES 30 SECONDS WEST, 320.42 FEET; THENCE ON A CURVE TO THE LEFT, RADIUS OF 766.78 FEET; CHORD BEARING AND DISTANCE OF SOUTH 26 DEGREES 02 MINUTES 43 SECONDS WEST, 50.30 FEET TO THE EASTERLY LINE OF THE CONSUMERS POWER COMPANY RIGHT-OF-WAY; THENCE NORTHERLY ALONG SAID EASTERLY LINE, NORTH 14 DEGREES 57 MINUTES 30 SECONDS WEST 73.13 FEET AND ON A CURVE TO THE LEFT; RADIUS OF 2059.58 FEET, CHORD BEARING AND DISTANCE OF NORTH 20 DEGREES 05 MINUTES 05 SECONDS WEST, 368.05 FEET AND NORTH 89 DEGREES 03 MINUTES 30 SECONDS WEST, 40.58 FEET TO THE EAST LINE OF DORT (M-54) HIGHWAY; THENCE NORTH 00 DEGREES 36 MINUTES 45 SECONDS EAST ALONG SAID EAST LINE 76.0 FEET TO THE PLACE OF BEGINNING.

DESCRIPTION (59-33-503-001):
LAND IN THE CITY OF BURTON, GENESEE COUNTY, MICHIGAN, DESCRIBED AS: PART OF THE NORTHWEST 1/4 OF SECTION 33, TOWNSHIP 7 NORTH, RANGE 7 EAST, DESCRIBED AS FOLLOWS: LOTS 1, 2, 3 AND 4, WAY ACRES AS RECORDED IN PLAT LIBER 19, PAGE 54, GENESEE COUNTY RECORDS AND THE SOUTH 1/2 OF LOT 34, SUPERVISOR'S PLAT OF WAY ACRES NO. 1 AS RECORDED IN PLAT LIBER 21, PAGE 9 GENESEE COUNTY RECORDS.

DESCRIPTION (59-33-502-008):
AND IN THE CITY OF BURTON, GENESEE COUNTY, MICHIGAN, DESCRIBED AS: PART OF THE NORTHWEST 1/4 OF SECTION 33, TOWNSHIP 7 NORTH, RANGE 7 EAST, DESCRIBED AS FOLLOWS: LOTS 5, 6, 7 AND 8, WAY ACRES AS RECORDED IN PLAT LIBER 19, PAGE 54, GENESEE COUNTY RECORDS AND THE NORTH 1/2 OF LOT 34, SUPERVISOR'S PLAT OF WAY ACRES NO. 1 AS RECORDED IN PLAT LIBER 21, PAGE 9 GENESEE COUNTY RECORDS.

DRAWING INDEX:

●	07-29-2019	C000 — COVER SHEET
●	07-29-2019	C100 — BOUNDARY SURVEY PLAN
●	07-29-2019	C101 — TOPOGRAPHIC SURVEY PLAN
●	07-29-2019	C200 — SITE LAYOUT PLAN
●	07-29-2019	C300 — SITE GRADING & SOIL EROSION CONTROL PLAN
●	07-29-2019	C301 — DRAINAGE AREA MAP & STORM WATER CALCULATIONS
●	07-29-2019	C400 — SITE UTILITY PLAN
●	07-29-2019	C401 — SITE PHOTOMETRIC PLAN
●	07-29-2019	C500 — SITE LANDSCAPE PLAN
●	07-29-2019	C600 — SITE DETAILS
●	07-29-2019	A100 — FLOOR PLAN
●	07-29-2019	A200 — EXTERIOR ELEVATIONS
○		— PRESSURE PIPE DETAILS (COUNTY)
○		— GENERAL CONSTRUCTION NOTES (COUNTY)

● DATE — MOST RECENT ISSUE / REVISION DATE
FILLED CIRCLE INDICATES SUBMITTED DRAWING

BENCHMARKS (NAVD88):

BM #1 — TOP ARROW ON FIRE HYDRANT LOCATED APPROXIMATELY 560' EAST OF ℄ DORT HIGHWAY AND 30' SOUTH OF ℄ SPARTAN DRIVE
ELEVATION = 792.91 FEET

BM #2 — TOP ARROW ON FIRE HYDRANT LOCATED APPROXIMATELY 45' EAST OF ℄ DORT HIGHWAY AND 245' SOUTH OF ℄ SPARTAN DRIVE
ELEVATION = 791.23 FEET

GCDC-WWS CONTRACTOR ALERT STATEMENT:

THIS PROJECT HAS BEEN DESIGNED IMPLEMENTING THE LATEST GCDC-WWS DESIGN SPECIFICATIONS (7TH EDITION). CAREFULLY REVIEW THE NOTES, DETAILS, AND DESIGN PRIOR TO SUBMITTING A BID. FULL COMPLIANCE WITH THE STANDARDS WILL BE REQUIRED.

NPDES STATEMENT:

THE OWNER WILL NOT NEED TO OBTAIN AN NPDES STORM WATER DISCHARGE PERMIT FROM THE MDEQ. TOTAL DISTURBED AREA: 4.93 ACRES

TOPOGRAPHIC SURVEY STATEMENT:

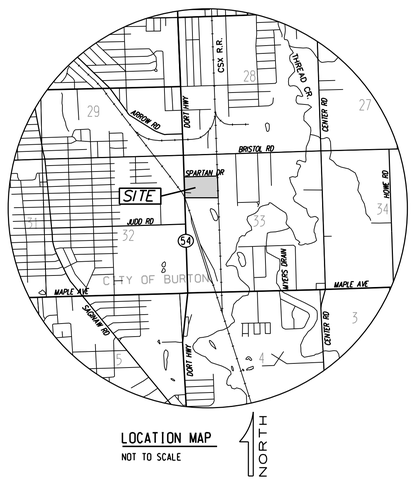
THE EXISTING FEATURES SHOWN ON THIS PLAN ARE FROM AN ACTUAL TOPOGRAPHIC SURVEY PERFORMED BY GRIGGS QUADERER, INC. IN JUNE OF 2015. THE UNDERGROUND UTILITIES SHOWN WERE EITHER VERIFIED BY THIS SURVEY OR WERE PLOTTED IN ACCORDANCE WITH THE BEST INFORMATION AVAILABLE. NO EXISTING UTILITIES WERE EXPOSED FOR VERIFICATION OF LOCATION AND ELEVATION. NO GUARANTEES ARE GIVEN THAT THE LOCATIONS ARE ABSOLUTELY ACCURATE OR THAT UTILITIES OTHER THAN THOSE SHOWN ARE NOT PRESENT.

OWNER: CHUCK PISKOTI
PRESIDENT
GENESEE POLYMERS
G-4099 S. DORT HIGHWAY
BURTON, MI 48529
PHONE: (810 742-8581
EMAIL: CPISKOTI@GPSILICONES.COM

CONSTRUCTION MANAGER: KEVIN JOHNSON
RHOADS & JOHNSON
101 N. ALLOY DRIVE
SUITE 'A'
FENTON, MI 48430
PH: (810) 750-7630
EMAIL: KEVIN@RHOADSJOHNSON.COM

ARCHITECT: JOHN ASSELIN
ASSELIN/MCLANE ARCHITECTURAL GROUP
4488 W. BRISTOL ROAD
FLINT, MI 48507
PH: (810) 230-9311
EMAIL: JASSELIN@AMARCHITECTURALGROUP.COM

ENGINEER: RUDY QUADERER, PE
GRIGGS QUADERER, INC.
8308 OFFICE PARK DR.
GRAND BLANC, MI 48439
PH: (810) 695-0154
EMAIL: CHRIS@GOINCORP.COM



LOCATION MAP
NOT TO SCALE

811 Know what's below. Call before you dig.

STANDARD LEGEND

DESCRIPTION	PROPOSED	EXISTING
BUILDING		
STORM SEWER		
SANITARY SEWER	S	S
WATER	W	W
GAS LINE	G	G
ELECTRIC LINE	E	E
TELEPHONE LINE	T	T
MANHOLE	●	○
CATCH BASIN	◑ ◪	⊘ ⊠
FIRE HYDRANT		
GATE VALVE & WELL	●	⊗
POWER POLE		▫
LIGHT POLE		☼
CURB & GUTTER		
FENCE	× × ×	× × ×
DECIDUOUS TREE		
EVERGREEN TREE		
EASEMENT		
WETLAND BOUNDARY		
SIGN		△
ASPHALT SURFACE		ASPH.
CONCRETE SURFACE		CONC.
SOIL BORING		
SPOT ELEVATION	+736.45	+736.45
CONTOUR LINE	736	736

AGENCY CONTACT INFORMATION

AGENCY	SUBMITTAL DATE	STATUS	AGENCY	SUBMITTAL DATE	STATUS
AMBER ABBEY DEPUTY PLANNING OFFICIAL CITY OF BURTON 4093 MANOR DR. BURTON, MI 48519 PH: 810-742-9230 EXT.3103	07-29-2019	UNDER REVIEW	SOIL EROSION CONTROL GCDC-WWS MARK STEPHENS G-4610 BEECHER RD. FLINT, MI 48532 PH: 810-732-7870	-	-
SANITARY GCDC-WWS LYNNETTE WEINZ, PE G-4610 BEECHER RD. FLINT, MI 48532 PH: 810-732-7870	-	-	GAS/ELEC - CONSUMER'S MARTY FREEMAN PO BOX 408 3201 E. COURT ST. FLINT, MI 48501 PH: 810-760-3547	-	-
IPP GCDC-WWS MELISSA GLASGOW 9290 FARRAND ROAD MONTROSE, MI 48457 PH: 810-232-7662	-	-	ROAD MDOT DAVISON TSC STEVEN J. GASSER 9495 E. POTTER RD. DAVISON, MI 48423 PH: 810-653-7470	-	-
STORM MDOT DAVISON TSC STEVEN GASSER 9495 E. POTTER RD. DAVISON, MI 48423 PH: 810-653-7470	-	-			

DRAWN
DESIGNED QUADERER
CHECKED BRZEZINSKI
FIELD CREW CB / RO

NO.	DATE	REVISION OR ISSUE
	07-29-19	ISSUED TO CITY OF BURTON
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)
		SUBJECT

RUDY J. QUADERER ENGINEER No. 38770 REGISTERED PROFESSIONAL ENGINEER STATE OF MICHIGAN SEAL

GENESEE POLYMERS
NEW WAREHOUSE
G-4099 SOUTH DORT HIGHWAY
BURTON, MICHIGAN 48529

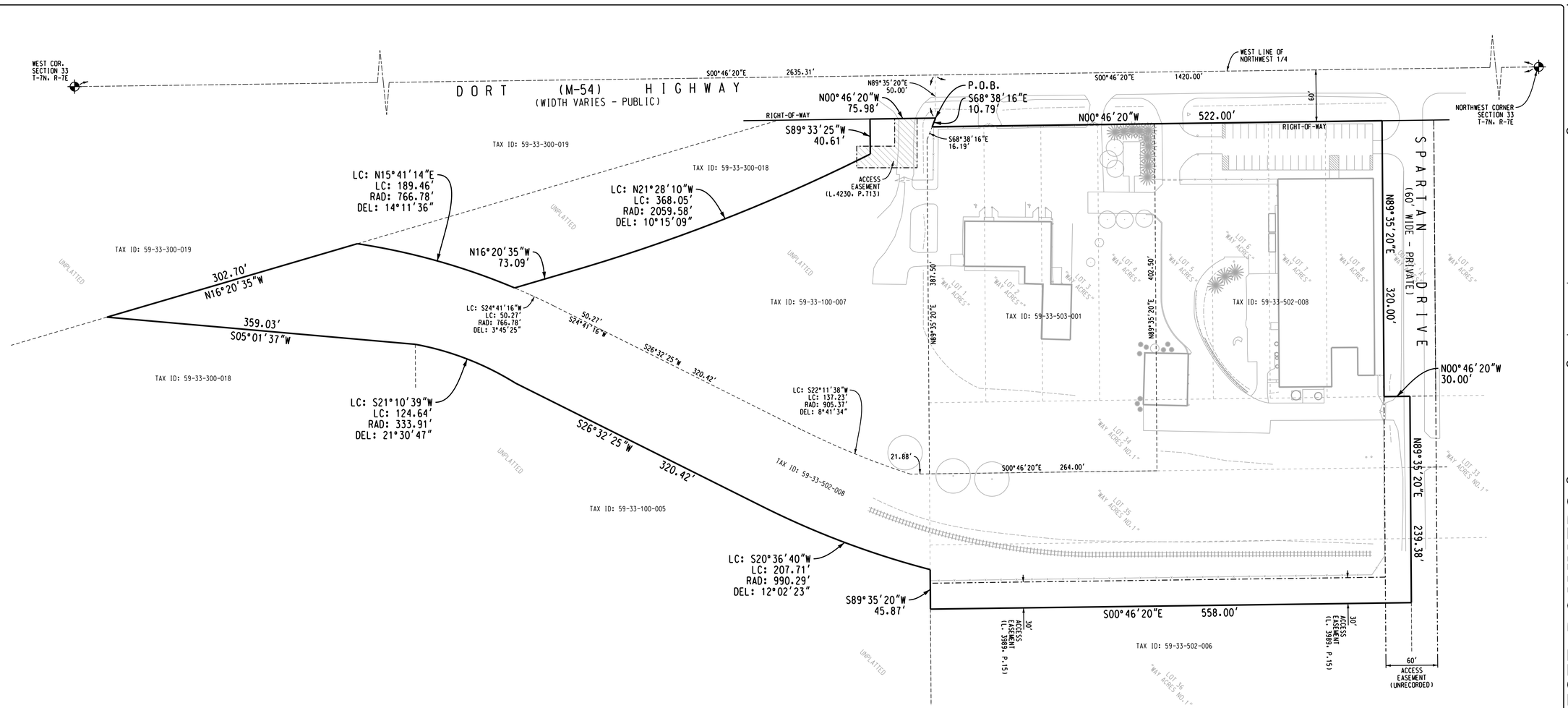
COVER SHEET

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
WWW.GOINCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158
CIVIL ENGINEERING · LAND SURVEYING
SITE PLANNING

15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C000

Attachment: Back up 19-30 (4496 : SPR #19-30)



STANDARD LEGEND	
DESCRIPTION	EXISTING
BUILDING	
STORM SEWER	
SANITARY SEWER	S
WATER	W
GAS LINE	G
ELECTRIC LINE	E
TELEPHONE LINE	T
MANHOLE	
CATCH BASIN	
FIRE HYDRANT	
VALVE	
UTILITY POLE W/GUY WIRE	
UTILITY RISER	E T
LIGHT POLE	
SIGN	
CURB & GUTTER	
FENCE	
GUARD RAIL	
ASPHALT SURFACE	ASPH.
CONCRETE SURFACE	CONC.
GRAVEL SURFACE	GRAV.
PROPERTY LINE	
EASMENT LINE	
LOT LINE	
SECTION LINE	
FOUND CORNER	
SET CORNER	
RECORDED DIMENSION	(R)
MEASURED DIMENSION	(M)

PROPERTY DESCRIPTION:

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NORTH
0 60 120 180
SCALE: 1"=60'

811 Know what's below. Call before you dig.

STATE OF MICHIGAN
CHRISTOPHER BRZEZINSKI
No. 54925
LICENSED PROFESSIONAL SURVEYOR
SEAL

NO.	DATE	REVISION OR ISSUE
	07-29-19	ISSUED TO CITY OF BURTON
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)

SUBJECT

DRAWN
DESIGNED QUADERER
CHECKED BRZEZINSKI
FIELD CREW CB / RO

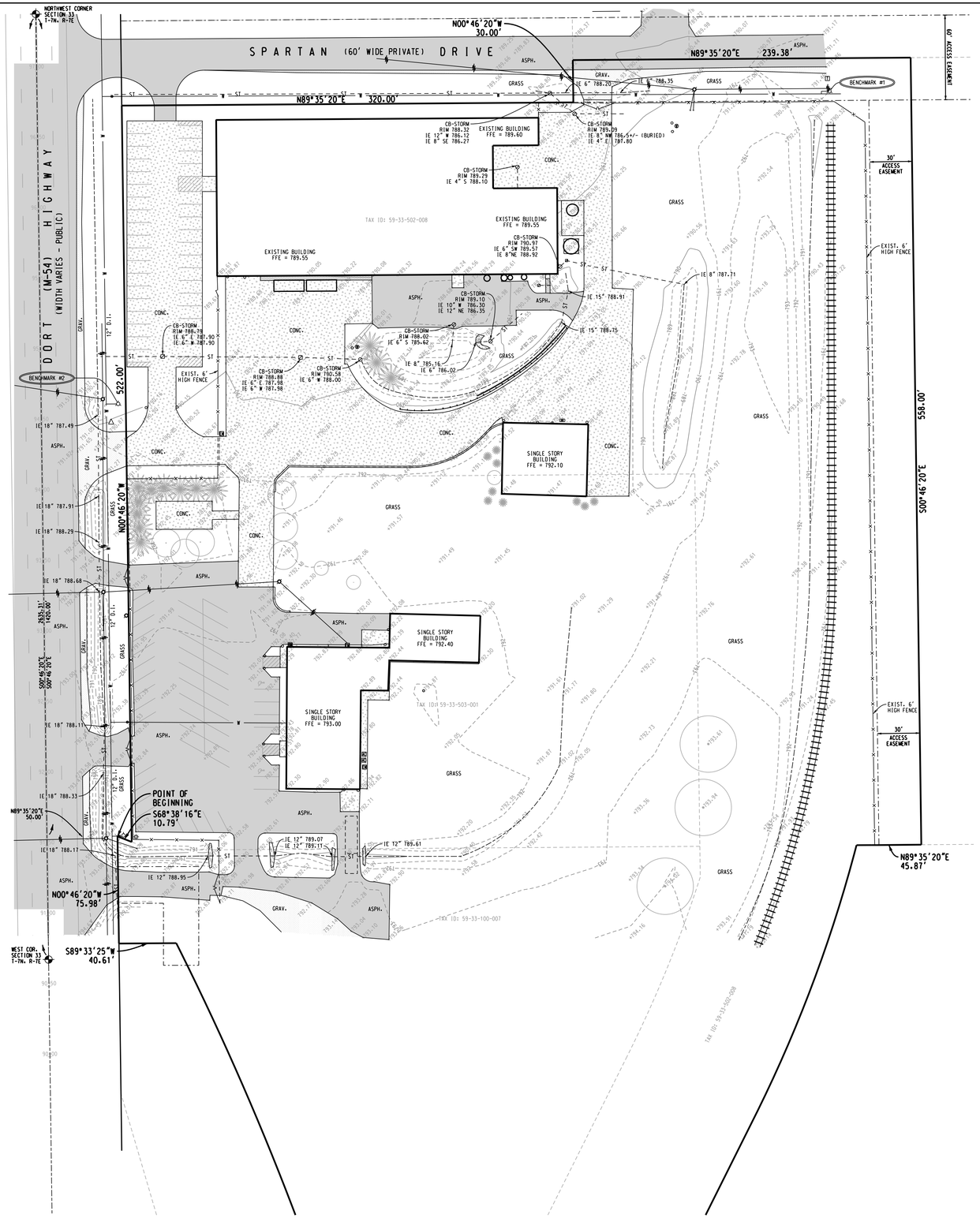
GENESEE POLYMERS
NEW WAREHOUSE
G-4099 SOUTH DORT HIGHWAY
BURTON, MICHIGAN 48529

BOUNDARY SURVEY PLAN

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
WWW.GQINCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158
CIVIL ENGINEERING · LAND SURVEYING
SITE PLANNING
15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C100

Attachment: Back up 19-30 (4496 : SPR #19-30)



GENERAL UTILITY NOTE:

THE UTILITIES AS SHOWN ON THIS DOCUMENT WERE EITHER VERIFIED BY AN ACTUAL FIELD SURVEY OR WERE PLOTTED IN ACCORDANCE WITH THE BEST INFORMATION AVAILABLE. GRIGGS QUADERER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN INCLUDE ALL POSSIBLE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, GRIGGS QUADERER DOES NOT GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH GRIGGS QUADERER DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THE UNDERGROUND UTILITY PIPE SIZES AS SHOWN ON THIS DOCUMENT WERE OBTAINED EITHER BY RECORD PLAN INFORMATION OR BY FIELD MEASUREMENTS. GRIGGS QUADERER CAN NOT GUARANTEE THE ACCURACY OF THE PIPE SIZES OR THEIR LOCATIONS EITHER BY FIELD MEASUREMENT OR BY RECORD DATA AND SHALL NOT BE HELD RESPONSIBLE FOR ANY DISCREPANCIES REGARDING THESE UTILITIES.

BENCHMARKS (NAVD88):

BM #1 TOP ARROW ON FIRE HYDRANT LOCATED APPROXIMATELY 560' EAST OF ℄ DORT HIGHWAY AND 30' SOUTH OF ℄ SPARTAN DRIVE
ELEVATION = 792.91 FEET

BM #2 TOP ARROW ON FIRE HYDRANT LOCATED APPROXIMATELY 45' EAST OF ℄ DORT HIGHWAY AND 245' SOUTH OF ℄ SPARTAN DRIVE
ELEVATION = 791.23 FEET

PROPERTY DESCRIPTION:

DESCRIPTION (59-33-100-007):
LAND IN THE CITY OF BURTON, GENESEE COUNTY, MICHIGAN, DESCRIBED AS: PART OF THE NORTHWEST 1/4 OF SECTION 33, TOWNSHIP 7 NORTH, RANGE 7 EAST, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST LINE OF DORT (M-54) HIGHWAY WHICH IS SOUTH 00 DEGREES 36 MINUTES 45 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 33 A DISTANCE OF 1420.0 FEET AND SOUTH 89 DEGREES 03 MINUTES 30 SECONDS EAST, 50.0 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 33; THENCE EASTERLY ALONG THE SOUTH LINE OF THE RECORDED PLATS OF WAY ACRES AND SUPERVISOR'S PLAT OF WAY ACRES NO.1, SOUTH 67 DEGREES 18 MINUTES 09 SECONDS EAST, 26.98 FEET (PREVIOUSLY DEEDED 27.10 FEET) AND SOUTH 89 DEGREES 03 MINUTES 30 SECONDS EAST, 387.50 FEET TO THE SOUTHWEST CORNER OF LOT 35 OF SAID SUPERVISOR'S PLAT OF WAY ACRES NO.1; THENCE SOUTH 01 DEGREES 14 MINUTES 30 SECONDS WEST, 22.87 FEET; THENCE ON A CURVE TO THE RIGHT, RADIUS OF 905.37 FEET; CHORD BEARING AND DISTANCE OF SOUTH 23 DEGREES 36 MINUTES 11 SECONDS WEST, 136.46 FEET; THENCE SOUTH 27 DEGREES 55 MINUTES 30 SECONDS WEST, 320.42 FEET; THENCE ON A CURVE TO THE LEFT, RADIUS OF 766.78 FEET; CHORD BEARING AND DISTANCE OF SOUTH 26 DEGREES 02 MINUTES 43 SECONDS WEST, 50.30 FEET TO THE EASTERLY LINE OF THE CONSUMERS POWER COMPANY RIGHT-OF-WAY; THENCE NORTHERLY ALONG SAID EASTERLY LINE, NORTH 14 DEGREES 57 MINUTES 30 SECONDS WEST 73.13 FEET AND ON A CURVE TO THE LEFT; RADIUS OF 2059.58 FEET, CHORD BEARING AND DISTANCE OF NORTH 20 DEGREES 05 MINUTES 05 SECONDS WEST, 368.05 FEET AND NORTH 89 DEGREES 03 MINUTES 30 SECONDS WEST, 40.58 FEET TO THE EAST LINE OF DORT (M-54) HIGHWAY; THENCE NORTH 00 DEGREES 36 MINUTES 45 SECONDS EAST ALONG SAID EAST LINE 76.0 FEET TO THE PLACE OF BEGINNING.

DESCRIPTION (59-33-503-001):
LAND IN THE CITY OF BURTON, GENESEE COUNTY, MICHIGAN, DESCRIBED AS: PART OF THE NORTHWEST 1/4 OF SECTION 33, TOWNSHIP 7 NORTH, RANGE 7 EAST, DESCRIBED AS FOLLOWS: LOTS 1, 2, 3 AND 4, WAY ACRES AS RECORDED IN PLAT LIBER 19, PAGE 54, GENESEE COUNTY RECORDS AND THE SOUTH 1/2 OF LOT 34, SUPERVISOR'S PLAT OF WAY ACRES NO. 1 AS RECORDED IN PLAT LIBER 21, PAGE 9 GENESEE COUNTY RECORDS.

DESCRIPTION (59-33-502-008):
AND IN THE CITY OF BURTON, GENESEE COUNTY, MICHIGAN, DESCRIBED AS: PART OF THE NORTHWEST 1/4 OF SECTION 33, TOWNSHIP 7 NORTH, RANGE 7 EAST, DESCRIBED AS FOLLOWS: LOTS 5, 6, 7 AND 8, WAY ACRES AS RECORDED IN PLAT LIBER 19, PAGE 54, GENESEE COUNTY RECORDS AND THE NORTH 1/2 OF LOT 34, SUPERVISOR'S PLAT OF WAY ACRES NO. 1 AS RECORDED IN PLAT LIBER 21, PAGE 9 GENESEE COUNTY RECORDS.

STANDARD LEGEND

DESCRIPTION	EXISTING
BUILDING	
STORM SEWER	
SANITARY SEWER	S
WATER	W
GAS LINE	G
ELECTRIC LINE	E
TELEPHONE LINE	T
MANHOLE	○
CATCH BASIN	⧄ ⊘
FIRE HYDRANT	△
VALVE	⊗
UTILITY POLE W/GUY WIRE	○
UTILITY RISER	E T
LIGHT POLE	☼
SIGN	△
CURB & GUTTER	
FENCE	-x-x-
GUARD RAIL	
INVERT ELEVATION	IE 6" 750.00
CONTOUR	750
SPOT ELEVATION	+750.00
ASPHALT SURFACE	ASPH.
CONCRETE SURFACE	CONC.
GRAVEL SURFACE	GRAV.
TREE LINE	
TREE	

NORTH

0 40 80 120
SCALE: 1"=40'

811 Know what's below. Call before you dig.

STATE OF MICHIGAN
CHRISTOPHER BRZEZINSKI
SURVEYOR
54025
LICENSED PROFESSIONAL SURVEYOR
SEAL

NO.	DATE	REVISION OR ISSUE
	07-29-19	ISSUED TO CITY OF BURTON
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)
		SUBJECT

DRAWN
DESIGNED QUADERER
CHECKED BRZEZINSKI
FIELD CREW CB / RO

GENESEE POLYMERS
NEW WAREHOUSE
G-4099 SOUTH DORT HIGHWAY
BURTON, MICHIGAN 48529

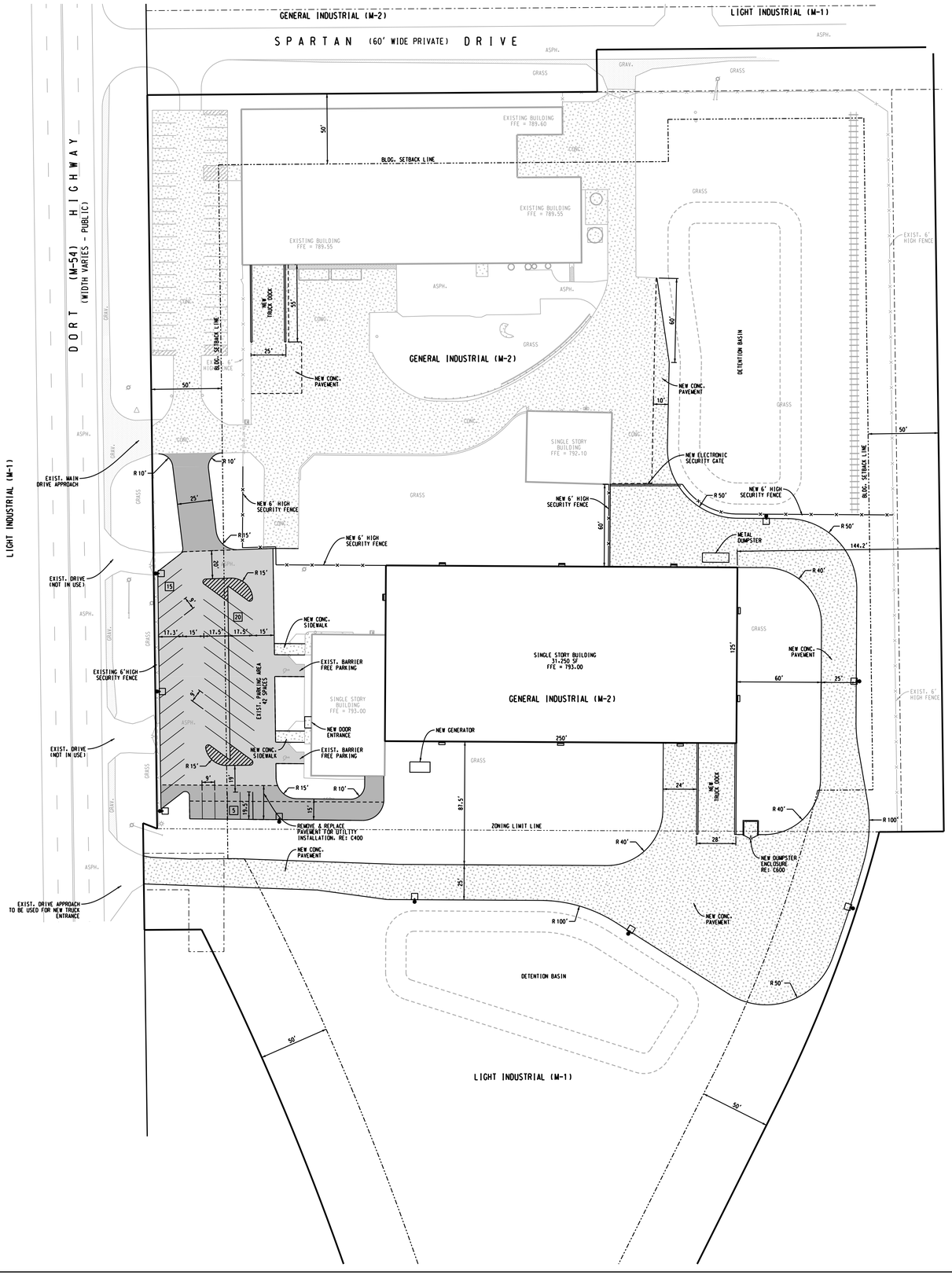
TOPOGRAPHIC SURVEY PLAN

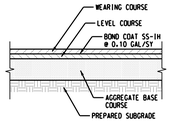
Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
WWW.GQINCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158
CIVIL ENGINEERING · LAND SURVEYING
SITE PLANNING

15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C101

Attachment: Back up 19-30 (4496 : SPR #19-30)





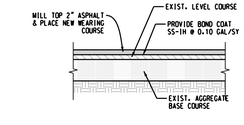
TYPICAL PAVEMENT SECTION

WEARING COURSE - 1.5" MDOT 13A

LEVEL COURSE - 3" MDOT 3C

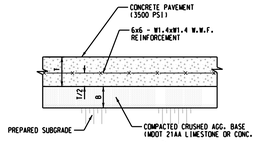
AGGREGATE BASE - 8" MDOT 21AA CRUSHED LIMESTONE

NOTE: AS AN ALTERNATE, CONTRACTOR IS ALLOWED TO SUBSTITUTE MDOT 21AA CRUSHED CONCRETE FOR THE AGGREGATE BASE.



ASPHALT OVERLAY

NEW WEARING COURSE - 2" MDOT 13A



DESIGN:	PAVEMENT (T)	BASE (B)	WIRE MESH
SERVICE DRIVE	8"	8"	YES
TRUCK DOCK	8"	8"	YES
DUMPSTER ENCLOSURE	8"	8"	YES
SIDEWALK	4"	4"	YES

CONCRETE PAVEMENT SECTION

NO SCALE

GENERAL NOTES:

1. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM WITH THE REQUIREMENTS OF ALL GOVERNING AGENCIES HAVING JURISDICTION (LOCAL, COUNTY, STATE). UNLESS OTHERWISE NOTED, CONSTRUCTION MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE STATE OF MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND PROJECT SPECIFICATIONS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MOST STRINGENT SHALL APPLY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS. REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS REGARDING THIS SITE. CONTRACTOR TO PROVIDE TESTING CONSULTANT TO VERIFY DENSITY REQUIREMENTS FOR SUBGRADE (IF REQUIRED).
3. PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS INCLUDING REQUIREMENTS SET FORTH BY OSHA SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
4. NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED WITHIN THE ROAD RIGHT-OF-WAY.
5. CONTRACTOR'S MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREA SHALL IN NO WAY PROHIBIT OR DISTURB NORMAL PEDESTRIAN OR VEHICULAR TRAFFIC IN THE VICINITY AND IS SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
6. RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES, AND OTHER PUBLIC OR PRIVATE STRUCTURES THAT ARE DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS AND TO THE SATISFACTION OF THOSE HAVING JURISDICTION.
7. CONTRACTOR SHALL PULL EROSION CONTROL PERMIT FROM GOVERNING AGENCY AND SET TEMPORARY EROSION CONTROL MEASURES AS INDICATED ON THESE DOCUMENTS PRIOR TO BEGIN OF ANY DEMOLITION OR EARTHWORK.
8. THE CONTRACTOR SHALL NOTIFY WISS DIG (811) THREE (3) WORKING DAYS PRIOR TO STARTING ANY EXCAVATION WITH POWER EQUIPMENT.
9. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL CONSTRUCTION LAYOUT AND GRADE ELEVATIONS FOR THEIR WORK IN ACCORDANCE WITH DATA SHOWN ON DOCUMENTS.
10. VERIFY EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. REPORT ANY DESCREPANCIES TO THE ENGINEER.
11. ANY EXISTING UTILITIES SCHEDULED FOR ABANDONMENT ON THIS PROPERTY SHALL BE PROPERLY TERMINATED IN COMPLIANCE WITH LOCAL AND/OR COUNTY REGULATIONS AND COORDINATED WITH PRIVATE UTILITY COMPANIES (WHERE APPLICABLE).
12. EXCAVATED AREAS WITHIN PROPOSED BUILDING AND PAVEMENT AREAS SHALL BE BACKFILLED TO FINISHED SUBGRADE ELEVATION WITH STRUCTURAL FILL (MDOT CLASS II SAND). THE SAND SHALL BE COMPACTED IN CONTINUOUS LAYERS NOT EXCEEDING 8 INCH LOOSE LIFTS, COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ANSI/ASTM D 1557 MODIFIED PROCTOR.
13. COORDINATES AND/OR DIMENSIONS SHOWN ON THIS DOCUMENT ARE TO BACK OF CURB, OUTSIDE FACE OF BUILDING FOUNDATIONS, EDGE OF PAVEMENT, CENTER OF STRUCTURE, CENTERLINE OF STRIPING UNLESS NOTED OTHERWISE.
14. NO DIMENSIONS SHALL BE SCALED OFF THE DOCUMENTS. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.
15. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS, SLAB AND UNDERBED THICKNESS.

LAND USE INFORMATION:

CURRENT ZONING:	GENERAL/LIGHT INDUSTRIAL (M-2, M-1)
PROPOSED ZONING:	GENERAL/LIGHT INDUSTRIAL (M-2, M-1)
CURRENT USE:	INDUSTRIAL
PROPOSED USE:	INDUSTRIAL
TOTAL SITE AREA:	458,486 SF
TOTAL BUILDING AREA:	59,393 SF (EXIST. & NEW)
LOT COVERAGE BY BLDG:	13.0%
TOTAL IMPERVIOUS AREA:	156,015 SF
LOT COVERAGE BY IMPERVIOUS:	34.0%

YARD SETBACKS:

BUILDING		PARKING	
FRONT YARD	50LF	FRONT YARD	0LF
SIDE YARD	50LF	SIDE YARD	0LF
REAR YARD	50LF	REAR YARD	0LF

PARKING DATA:

USE	REQUIREMENTS	PARKING REQUIRED	PARKING PROVIDED
WAREHOUSE	5, PLUS 1/EMPL. IN LARGEST SHIFT OR 1/2000 SF OF GFA WHICHEVER IS GREATER	16 SPACES	42 SPACES (EXIST.)
OFFICE	1 PER 200 SF OF GFA = 4,800/200 =	24 SPACES	
BARRIER FREE	25 - 50 SPACES	2 SPACES	2 SPACES
TOTAL		40 SPACES	42 SPACES

PAVEMENT LEGEND:

- ASPHALT PAVEMENT SECTION RE: C200
- ASPHALT OVERLAY RE: C200
- CONCRETE PAVEMENT SECTION RE: C200

NORTH

0 40 80 120

SCALE: 1"=40'

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RUDY J. QUADERER ENGINEER No. 38770 REGISTERED PROFESSIONAL ENGINEER STATE OF MICHIGAN SEAL

NO.	DATE	REVISION OR ISSUE
	07-29-19	ISSUED TO CITY OF BURTON
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)

SUBJECT

DRAWN
DESIGNED QUADERER
CHECKED BRZEZINSKI
FIELD CREW CB / RO

GENESEE POLYMERS
NEW WAREHOUSE
G-4099 SOUTH DORT HIGHWAY
BURTON, MICHIGAN 48529

SITE LAYOUT PLAN

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
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CIVIL ENGINEERING · LAND SURVEYING
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15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA

C200

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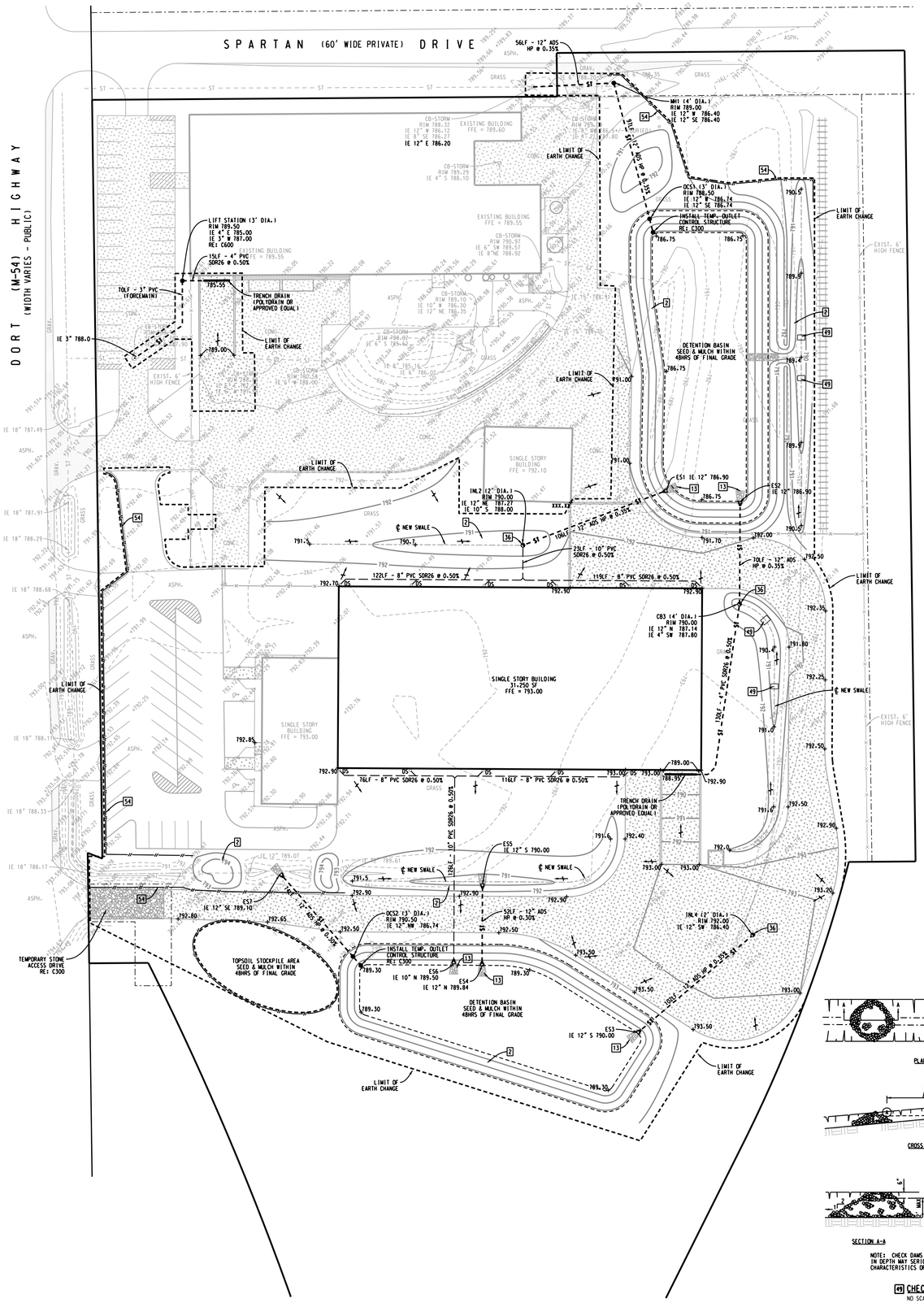


SOIL EROSION CONTROL NOTES:

1. THE DEVELOPER IS NOT REQUIRED TO OBTAIN A NPDES STORM WATER DISCHARGE PERMIT THROUGH THE GENESEE COUNTY DRAIN COMMISSIONER, DIVISION OF WATER AND WASTE SERVICES PRIOR TO ANY CONSTRUCTION ACTIVITIES.

   THE DEVELOPER SHALL SUBMIT A DETAILED EROSION CONTROL PLAN AND OBTAIN AND ACT 451 PERMIT INCLUDING PAYMENT OF FEES AND PROVIDING THE NECESSARY BONDS FROM THE GENESEE COUNTY DRAIN COMMISSIONER, DIVISION OF WATER AND WASTE SERVICES, PRIOR TO ANY EARTH CHANGES.
2. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.
3. THE CONTRACTOR SHALL USE SPECIAL PRECAUTIONS WHEN USING CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
4. SITE CLEANUP WILL BE ACCOMPLISHED IN A MANNER TO INSURE THAT TEMPORARY EROSION CONTROL MEASURES ARE NOT DISTURBED.
5. THE PROJECT WILL BE CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES SHALL BE CORRECTED BY THE CONTRACTOR WITHIN 24 HOURS OF NOTIFICATION.
6. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE THROUGH SWALES OR OVERLAND SHEET FLOW OF THE ENTIRE SITE. SOIL SEDIMENT SHALL BE INTERCEPTED AND REMOVED PRIOR TO STORM WATER DISCHARGING FROM LIMITS OF CONSTRUCTION. NO STANDING WATER SHALL BE PERMITTED ONSITE.
7. ALL GREEN AREAS DISTURBED SHALL BE PERMANENTLY STABILIZED (TOPSOIL, SEED & MULCH) IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION TO MINIMIZE SOIL EROSION AND THE POTENTIAL OF SEDIMENT LEAVING SITE.

SESC MAINTENANCE SCHEDULE NOTES:

1. A CONTRACTOR/INSPECTOR SHALL INSPECT THE SOIL EROSION AND SEDIMENT CONTROL DEVICES ONCE A WEEK AND WITHIN TWENTY-FOUR (24) HOURS OF A PRECIPITATION EVENT WHICH RESULTS IN A STORM WATER DISCHARGE FROM THE SITE. A LOG OF INSPECTION REPORTS SHALL BE MAINTAINED AND ACCESSIBLE IN ACCORDANCE WITH NPDES REQUIREMENTS. IMPLEMENT THE FOLLOWING STEPS IF ANY DAMAGE HAS RESULTED FROM CONSTRUCTION OR PRECIPITATION.
2. CONSTRUCTION ACCESS ROADS (CLEAN STONE EXITS) MUST BE MAINTAINED AS NECESSARY. ADD ADDITIONAL STONE WHEN ACCESS ROAD BECOMES INEFFECTIVE DUE TO LOSS OF STONE OR WHEN COVERED WITH MUD.
3. SILTATION CONTROL FENCE SHOULD BE TRENCHED IN, BACKFILLED, STAPLED AND STAKED IN ACCORDANCE WITH DETAIL SHOWN ON DOCUMENT AND PER MANUFACTURER'S RECOMMENDATIONS. MAINTENANCE INCLUDES THE REMOVAL OF BUILT-UP SEDIMENT WHEN THE SEDIMENT ACCUMULATES TO 1/3 OF THE HEIGHT OF THE FENCE. CONTRACTOR MAY HAVE TO REMOVE, REPLACE, RETRENCH, OR RE-BACKFILL THE FENCE IF IT FAILS. THE SILT FENCE SHALL ALSO BE REPLACED WITH NEW IF ANY PORTION OF THE FENCING WAS DAMAGED BY CONSTRUCTION MACHINERY.
4. INSPECT INLET FILTERS FOR BUILD-UP OF SILT AND OTHER DEBRIS. EXCESSIVE BUILD-UP IS EVIDENT IF GEOTEXTILE/STONE FILTER SYSTEM IS CAUSING FLOODING. MAINTENANCE CONSISTS OF REMOVING ALL SEDIMENT WITH A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL. IF INLET FILTER IS BEYOND THIS LEVEL OF REPAIR, IT MAY BE NECESSARY TO REPLACE BOTH THE STONE AND GEOTEXTILE FILTER FABRIC.
5. PREPARE EROSION CONTROL SEEDING ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR/INSPECTOR SHALL INSPECT THE AREA AFTER SEEDING IS COMPLETED. REPAIR AREAS THAT ARE BARE OR NOT MULCHED PROPERLY BY SPOT SEEDING AND/OR RE-MULCHING.
6. MAINTAIN DUST CONTROL AT ALL TIMES DURING CONSTRUCTION. SPRINKLING TANK TRUCKS SHALL BE AVAILABLE AT ALL TIMES AND USED ON HAUL ROADS, ON-SITE DISTURBED AREAS, OR OTHER PLACES WHERE DUST BECOMES A PROBLEM AS A RESULT OF CONSTRUCTION ACTIVITIES.
7. CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT AND DEBRIS TRACKED ONTO EXISTING ROADS FROM TRUCK TRAFFIC LEAVING THIS SITE.
8. REMOVE SILT DEPOSITS FROM TEMPORARY SEDIMENT TRAPS WHEN TRAP IS HALF FULL. CHECKDAMS (IF APPLICABLE) SHALL BE INSPECTED AFTER EVERY PRECIPITATION EVENT AND CLEANED IF STANDING WATER BEHIND DAMS IS EVIDENT.

GRADING NOTES:

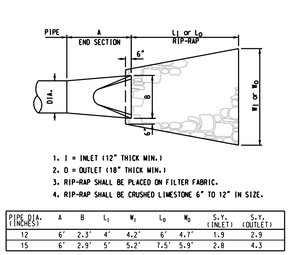
1. ALL PROPOSED SPOT ELEVATIONS IN PAVED AREAS ARE TO TOP OF PAVEMENT UNLESS NOTED OTHERWISE.
   TS - TOP OF SIDEWALK
   TP - TOP OF PAVEMENT
2. CONTOURS SHOWN ARE FOR REFERENCE ONLY. BASE CONSTRUCTION EFFORTS ON PROPOSED SPOT ELEVATIONS ONLY.
3. "BARRIER FREE" PARKING AND SIDEWALK RAMPS SHALL CONFORM IN ALL RESPECTS TO THE MICHIGAN ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS.
4. CONTRACTOR SHALL ADJUST ANY UTILITY ELEMENT/STRUCTURE MEANT TO BE FLUSH WITH GRADE (CLEAN OUT, VALVE BOXES, MANHOLES, CATCH BASINS, INLETS, ETC.) WHICH ARE AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT. NO ADDITIONAL COSTS FOR THIS WORK WILL BE ACCEPTED. THE CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS FOR ADJUSTMENT AT THE CONTRACTOR'S EXPENSE.
5. CONTRACTOR IS RESPONSIBLE FOR CUT AND FILL QUANTITIES. ADDITIONAL COMPENSATION WILL NOT BE ACCEPTED FOR HAULING OF EXCESS AND BORROW MATERIAL TO AND FROM SITE AS WELL AS LABOR COSTS FOR PLACEMENT AND/OR REMOVAL. OFF-SITE BORROW MATERIAL MUST BE CLEAN COMPACTIBLE STRUCTURAL FILL MATERIAL (NO ORGANIC MATERIAL) WHICH WILL BE INSPECTED PRIOR TO USE FOR ON-SITE FILL MATERIAL.
6. SITE CONTRACTOR IS RESPONSIBLE TO PROVIDE A STABLE SUBGRADE AT DESIGN ELEVATIONS. ALL PAVED AREAS INCLUDING BUILDING PAD SHALL BE PROOFROLLED & COMPACTED TO MEET 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ANSI/ASTM D1557.
7. CONTRACTOR SHALL STORE SUFFICIENT TOPSOIL MATERIAL ON-SITE FOR RE-USE IN ALL DISTURBED GREEN AREAS AND NEW LANDSCAPE AREAS.
8. PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER. MAINTAIN A MINIMUM SLOPE OF 1.00% IN ALL NEW BITUMINOUS AREAS.

STORM SEWER NOTES:

1. ALL MATERIALS SHALL COMPLY WITH MDOT STANDARD SPECIFICATIONS AND/OR LOCAL GOVERNING AGENCIES.
2. STORM SEWER CONVEYANCE:
   STORM SEWER PIPE 12" AND LARGER SHALL BE ADS HP STORM PIPE AND SHALL MEET OR EXCEED ASTM F2881. ALL JOINTS SHALL BE BELL & SPIGOT AND SHALL CONFORM TO ASTM D3212.
   STORM SEWER PIPE 10" AND SMALLER SHALL BE PVC SDR 26 OR AS REQUIRED BY LOCAL GOVERNING AGENCY.
3. STORM SEWER STRUCTURES:
   REINFORCED CONCRETE IN CONFORMANCE WITH ASTM C478. DEPTH AS INDICATED ON DOCUMENTS. IF MASONRY STRUCTURES ARE ALLOWED, CONCRETE BLOCKS SHALL BE STANDARD 6"x 8"x 12" CURVED UNITS FOLLOWING ASTM C139. CONCRETE BRICK UNITS SHALL BE 2"x 4"x 8" AND FOLLOW ANSI/ASTM C55, GRADE N, TYPE 1.
4. FRAME & COVERS:
   ALL CATCH BASINS & MANHOLES SHALL BE MANUFACTURED BY EAST JORDAN IRON WORKS (UNLESS ALTERNATE IS APPROVED BY ENGINEER)
   -CATCH BASIN - PAVEMENT AREA - EJIW #1040 TYPE M1 GRATE
   -CATCH BASIN - GRASS AREA - EJIW #1130 TYPE 02 BEEHIVE GRATE
   -INLET - GRASS AREA - EJIW #1040 TYPE 02 BEEHIVE GRATE
   -MANHOLE - ALL AREAS - EJIW #1040 TYPE A SOLID COVER

SOIL EROSION CONTROL MEASURES:

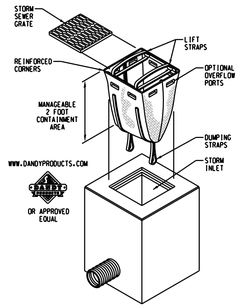
2	DETENTION GRADING & SHAPING	WATER CAN BE DIVERTED TO MINIMIZE EROSION PLANTER SLOPES EASE EROSION PROBLEMS
6	SEEDING WITH MULCH AND/OR MATTING	FACILITATES ESTABLISHMENT OF VEGETATIVE COVER EFFECTIVE FOR DRAINAGEWAYS WITH LOW VELOCITY EASILY PLACED IN SMALL QUANTITIES BY INEXPERIENCED PERSONNEL SHOULD INCLUDE PREPARED TOPSOIL BED
13	RIP-RAP/ROBBLE GRADING	USED WHERE VEGETATION IS NOT EASILY ESTABLISHED EFFECTIVE FOR HIGH VELOCITIES OR HIGH CONCENTRATIONS PERMITS RUNOFF TO INFILTRATE SOIL DISSIPATES ENERGY FLOW AT SYSTEM OUTLETS
36	CATCH BASIN,DRAIN INLET	COLLECTS HIGH VELOCITY CONCENTRATED RUNOFF USE FILTER SACK IN INLET
49	CHECK DAMS	REDUCES FLOW VELOCITY CATCHES SEDIMENT CAN BE CONSTRUCTED OF LOGS, STRAW, HAY, ROCK, LUMBER, MASONRY, OR SAND BAGS
54	SILT FENCE	USES GEOTEXTILE FABRIC AND POSTS OR POLES EASY TO CONSTRUCT AND LOCATE AS NECESSARY



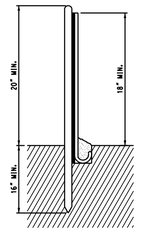
1. L = INLET (12" THICK MIN.)
2. O = OUTLET (18" THICK MIN.)
3. RIP-RAP SHALL BE PLACED ON FILTER FABRIC.
4. RIP-RAP SHALL BE CRUSHED LIMESTONE 6" TO 12" IN SIZE.

PIPE DIA. (INCHES)	A	B	L_1	W_1	L_0	W_0	S.T. (INLET)	S.T. (OUTLET)
12	6'	2.3'	4'	4.2'	6'	4.7'	1.9	2.9
15	6'	2.9'	5'	5.2'	7.5'	5.9'	2.8	4.3

13 RIP-RAP APRON
NO SCALE



36 SEDIMENT CONTROL ASSEMBLY
NO SCALE



INSTALLATION:

DIG MINIMUM 6x6 INCH TRENCH WHERE FENCE IS TO BE INSTALLED.

DRIVE POST INTO UNDISTURBED SOIL UNTIL SUPPORT NETTING IS IN THE TRENCH.

PLACE FILL MATERIAL IN TRENCH ON FABRIC FLAP AND TAMP BY FOOT.

PERFORM MAINTENANCE AS NEEDED. REMOVE ACCUMULATED MATERIAL WHEN BULGES DEVELOP IN THE SILT FENCE.

LOCATION:

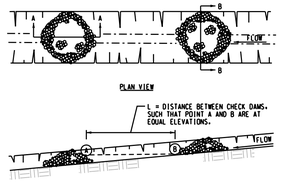
LOCATE SILTATION CONTROL FENCE TO INTERCEPT ALL SILT/WATER RUN-OFF FROM THE SITE.

SUFFICIENT EXTENSION OF EACH FENCE SECTION SHOULD BE INSTALLED (PREFERABLY UPHILL) TO ENSURE RUN-OFF WILL NOT GO AROUND THE ENDS.

A SERIES OF SILT FENCES MAY BE REQUIRED IF THERE IS A POSSIBILITY THAT THE VOLUME OF RUNOFF COULD FILL THE RETENTION AREA AND FLOW OVER THE FENCE.

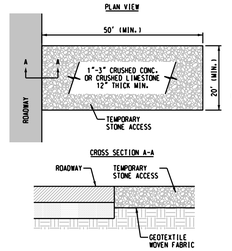
CONSTRUCT A STONE FILTER BERM AT LOW POINTS OR OTHER LOCATIONS WHERE WATER WILL LEAVE THE SITE.

54 SILTATION CONTROL FENCE
NO SCALE

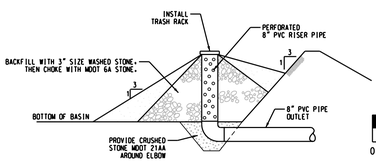


NOTE: CHECK DAMS GREATER THAN TWO FEET IN DEPTH MAY SERIOUSLY IMPACT THE FLOW CHARACTERISTICS OF THE DITCH.

49 CHECK DAMS
NO SCALE



TEMPORARY STONE ENTRANCE DETAIL
NO SCALE



TEMPORARY FOREBAY OUTLET CONTROL STRUCTURE
NO SCALE

NORTH
0 40 80 120
SCALE: 1"=40'

811 Know what's below. Call before you dig.

RUDY J. QUADERER ENGINEER No. 38770 REGISTERED PROFESSIONAL ENGINEER
SEAL

NO.	DATE	REVISION OR ISSUE
	07-29-19	ISSUED TO CITY OF BURTON
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)

SUBJECT

DRAWN
DESIGNED QUADERER
CHECKED BRZEZINSKI
FIELD CREW CB / RO

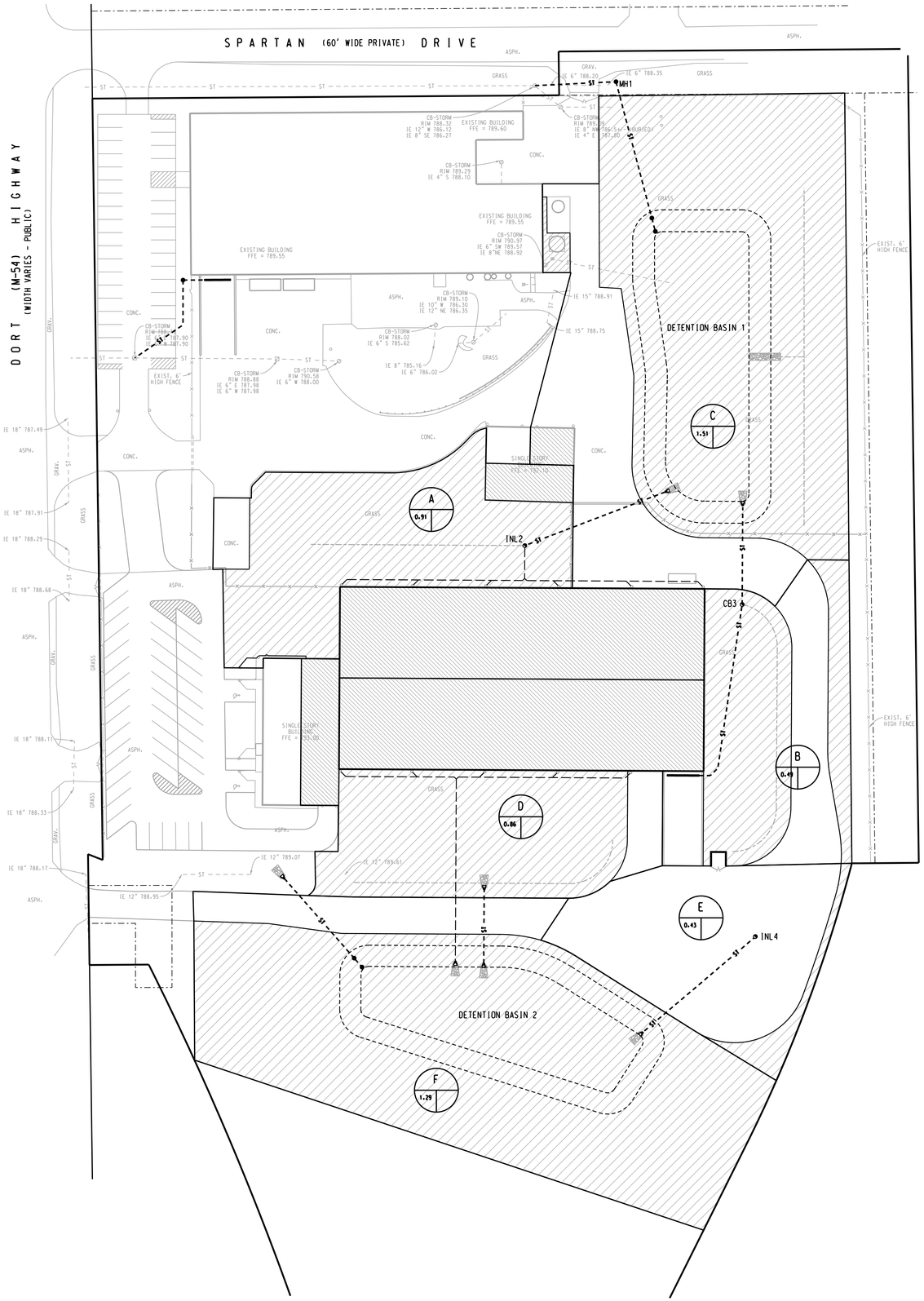
GENESEE POLYMERS
NEW WAREHOUSE
G-4099 SOUTH DORT HIGHWAY
BURTON, MICHIGAN 48529

SITE GRADING & SOIL EROSION CONTROL PLAN

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
WWW.GOINCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158
CIVIL ENGINEERING · LAND SURVEYING
SITE PLANNING
15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C300

Attachment: Back up 19-30 (4496 : SPR #19-30)
Packet Pg. 27



Runoff Coefficient Calculations (POND1)

Drainage Area	Pervious			Impervious			Roof Top			Runoff			Drainage Area
	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	
A	21031.0	0.48	0.30	1388.0	0.03	0.90	17152.0	0.39	0.95	39571.0	0.91	0.60	A
B	13562.0	0.31	0.30	7747.0	0.18	0.90	0.0	0.00	0.95	21309.0	0.49	0.52	B
C	47955.0	1.10	0.30	16923.0	0.39	0.90	766.0	0.02	0.95	65644.0	1.51	0.46	C
Total	82548.0	1.90	0.30	26058.0	0.60	0.90	17918.0	0.41	0.95	126524.0	2.90	0.52	Total

Runoff Coefficient Calculations (POND2)

Drainage Area	Pervious			Impervious			Roof Top			Runoff			Drainage Area
	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	
D	17510.0	0.40	0.30	1731.0	0.04	0.90	18254.0	0.42	0.95	37495.0	0.86	0.64	D
E	1590.0	0.04	0.30	17001.0	0.39	0.90	0.0	0.00	0.95	18591.0	0.43	0.85	E
F	50486.0	1.16	0.30	0.0	0.00	0.90	0.0	0.00	0.95	50486.0	1.16	0.30	F
Total	69586.0	1.60	0.30	18732.0	0.43	0.90	18254.0	0.42	0.95	106572.0	2.45	0.52	Total

Genesee County Standards

Site Information

Design Return Period = 100 yr. yrs
Site Area (At) = 2.90 acre
Cw = 0.52
Allowable Outlet = 0.20 cfs/acre
Allowable Outlet = 0.58 cfs

Peak Storage = 14990 ft³

Genesee County Standards

Site Information

Design Return Period = 100 yr. yrs
Site Area (At) = 2.45 acre
Cw = 0.52
Allowable Outlet = 0.20 cfs/acre
Allowable Outlet = 0.49 cfs

Peak Storage = 12665 ft³

Required Pond Capacity Pond1

Storm Duration Tc (min)	Storm Intensity 100 yr. (in/hr)	Cw x A	Inflow Rate Qin (cfs)	Outflow Rate Qout (cfs)	Storage Rate Qin - Qout (cfs)	Required Storage Volume (cf)	Peak Storage
5	7.60	1.50	11.38	0.58	10.80	3240	
10	6.00	1.50	8.99	0.58	8.41	5043	
15	5.30	1.50	7.94	0.58	7.36	6621	
20	4.70	1.50	7.04	0.58	6.46	7750	
30	3.80	1.50	5.69	0.58	5.11	9198	
40	3.40	1.50	5.09	0.58	4.51	10827	
50	2.95	1.50	4.42	0.58	3.84	11512	
60	2.60	1.50	3.89	0.58	3.31	11927	
90	2.15	1.50	3.22	0.58	2.64	14251	
120	1.75	1.50	2.62	0.58	2.04	14688	
150	1.50	1.50	2.25	0.58	1.67	14990	PEAK
180	1.30	1.50	1.95	0.58	1.37	14753	
240	0.94	1.50	1.41	0.58	0.83	11907	
300	0.72	1.50	1.08	0.58	0.50	8953	
360	0.63	1.50	0.94	0.58	0.36	7833	
480	0.50	1.50	0.75	0.58	0.17	4836	
600	0.43	1.50	0.64	0.58	0.06	2271	
720	0.35	1.50	0.52	0.58	-0.06	-2451	

Required Pond Capacity Pond2

Storm Duration Tc (min)	Storm Intensity 100 yr. (in/hr)	Cw x A	Inflow Rate Qin (cfs)	Outflow Rate Qout (cfs)	Storage Rate Qin - Qout (cfs)	Required Storage Volume (cf)	Peak Storage
5	7.60	1.26	9.61	0.49	9.12	2736	
10	6.00	1.26	7.59	0.49	7.10	4258	
15	5.30	1.26	6.70	0.49	6.21	5591	
20	4.70	1.26	5.94	0.49	5.45	6544	
30	3.80	1.26	4.80	0.49	4.32	7768	
40	3.40	1.26	4.30	0.49	3.81	9143	
50	2.95	1.26	3.73	0.49	3.24	9722	
60	2.60	1.26	3.29	0.49	2.80	10073	
90	2.15	1.26	2.72	0.49	2.23	12037	
120	1.75	1.26	2.21	0.49	1.72	12408	
150	1.50	1.26	1.90	0.49	1.41	12665	PEAK
180	1.30	1.26	1.64	0.49	1.15	12467	
240	0.94	1.26	1.19	0.49	0.70	10068	
300	0.72	1.26	0.91	0.49	0.42	7579	
360	0.63	1.26	0.80	0.49	0.31	6636	
480	0.50	1.26	0.63	0.49	0.14	4115	
600	0.43	1.26	0.54	0.49	0.05	1957	
720	0.35	1.26	0.44	0.49	-0.05	-2021	

Detention Capacity Pond1

Average End Method

Contour	Area (ft²)	Volume (ft³)	Total Volume (ft³)
786.75	10800.0		0
Average	11038.5	2760	
787	11277.0		2760
Average	12517.0	12517	
788	13757.0		15277
Average	15076.0	15076	
789	16395.0		30353
Total Detention Capacity			**30353**

100-YR Elev 787.98

Volume @ 100-YR Elevation 14990

Detention Capacity (Pond2)

Average End Method

Contour	Area (ft²)	Volume (ft³)	Total Volume (ft³)
789.3	9987.0		0
Average	10811.0	7568	
790	11635.0		7568
Average	12878.5	12879	
791	14122.0		20446
Average	15444.5	15445	
792	16767.0		35891
Total Detention Capacity			**35891**

100-YR Elev 790.40

Volume @ 100-YR Elevation 12665

Storm Design Pond1

Runoff Entering Manhole No.	To Downstream Manhole No.	Area Designated For Added Area	A: Increment of Area (acres) Added	C: Imperviousness	(AxC): Accumulative Totals of Equivalent Areas	t: Time of Concentration (min) 20 min	I: Rainfall Rate (Intensity) 10 yr.	Q: Quantity of Rainfall (cfs)	D: Diameter (inch) of Pipe Out of Manhole	S: Slope (%) of Individual Gradient	L: Length (ft) of Line Between M.H.'s	v: Velocity (ft/s) Flowing Full	Time (min) of Flow Across M.H.
INL2	ES1	A	0.91	0.60	0.55	0.55	20.00	3.80	2.09	12 in.	0.35%	106	3.50	0.51
CB3	ES2	B	0.49	0.52	0.25	0.25	20.00	3.80	0.95	12 in.	0.35%	70	3.50	0.33
OCS1	MH1	C	1.51	0.46	0.70	1.50	20.51	3.76	5.64	12 in.	0.35%	97	3.50	0.46

Storm Design Pond2

Runoff Entering Manhole No.	To Downstream Manhole No.	Area Designated For Added Area	A: Increment of Area (acres) Added	C: Imperviousness	(AxC): Equivalent Area	Accumulative Totals of Equivalent Areas	t: Time of Concentration (min) 20 min	I: Rainfall Rate (Intensity) 10 yr.	Q: Quantity of Rainfall (cfs)	D: Diameter (inch) of Pipe Out of Manhole	S: Slope (%) of Individual Gradient	L: Length (ft) of Line Between M.H.'s	v: Velocity (ft/s) Flowing Full	Time (min) of Flow Across M.H.	Q: Discharge Capacity (cfs)
INL4	ES3	D	0.86	0.64	0.55	0.55	20.00	3.80	2.09	12 in.	0.35%	102	3.50	0.49	2.75
ES5	ES4	E	0.43	0.85	0.36	0.36	20.00	3.80	1.37	12 in.	0.35%	52	3.50	0.25	2.75
OCS2	ES7	F	1.16	0.30	0.35	1.26	20.49	3.76	4.74	12 in.	0.35%	74	3.50	0.35	2.75

DRAINAGE AREA NAME
DRAINAGE AREA (ACRES) — RUNOFF COEFFICIENT

DRAINAGE AREA KEY

NORTH

0 40 80 120
SCALE: 1"=40'

811 Know what's below. Call before you dig.

RUDY J. QUADERER ENGINEER No. 48870 REGISTERED PROFESSIONAL ENGINEER STATE OF MICHIGAN SEAL

NO.	DATE	REVISION OR ISSUE
	07-29-19	ISSUED TO CITY OF BURTON
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)
		SUBJECT

DRAWN
DESIGNED QUADERER
CHECKED BRZEZINSKI
FIELD CREW CB / RO

GENESEE POLYMERS
NEW WAREHOUSE
G-4099 SOUTH DORT HIGHWAY
BURTON, MICHIGAN 48529

DRAINAGE AREA MAP & STORM WATER CALCULATIONS

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE GRAND BLANC, MI 48439
WWW.GQINCORP.COM PH: (810) 695-0154 FX: (810) 695-0158
CIVIL ENGINEERING · LAND SURVEYING SITE PLANNING

15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C301

Attachment: Back up 19-30 (4496 : SPR #19-30)

10 STANDARD NOTES (7th EDITION):

1. EXTENSION OF PUBLIC UTILITIES: ALL PUBLIC SANITARY SEWER AND/OR WATERMAIN SHALL BE EXTENDED TO THE FURTHEST LIMITS OF THE PROPERTY, INCLUDING CORNER LOTS, WITH THE PIPE SIZE AND MATERIAL APPROVED BY GCDC-WWS. THIS IS NECESSARY FOR PLAN APPROVAL. FOR WATER SERVICE OF 1" OR LESS OR A BUILDING ON A CORNER LOT, THE REQUIREMENTS TO EXTEND THE PUBLIC WATERMAIN AND/OR SANITARY SEWER ALONG BOTH PROPERTY LINES WILL BE REVIEWED. FINAL DETERMINATION SHALL BE MADE BY GCDC-WWS.
2. WATERMAIN LOOPING: ALL PUBLIC WATERMAINS SHALL BE LOOPED WHENEVER POSSIBLE. THE PIPE SIZING SHALL BE APPROVED BY GCDC-WWS.
3. INDUSTRIAL PRETREATMENT PROGRAM (IPP): THIS PERMIT IS REQUIRED FOR ALL COMMERCIAL AND INDUSTRIAL DISCHARGES. THE OWNER SHALL OBTAIN AN INDUSTRIAL PRETREATMENT DISCHARGE PERMIT PRIOR TO THE ISSUANCE OF A SEWER CONNECTION PERMIT. INDUSTRIAL DISCHARGE PERMITS ARE NON-TRANSFERABLE. CHANGES IN FACILITY USE WILL REQUIRE A NEW INDUSTRIAL DISCHARGE PERMIT.
4. SOIL EROSION: THE DEVELOPER SHALL SUBMIT A DETAILED SOIL EROSION AND SEDIMENTATION CONTROL PLAN AND OBTAIN AN ACT 451 PART 91, SOIL EROSION AND SEDIMENTATION CONTROL PERMIT. THIS INCLUDES THE PAYMENT OF FEES AND THE PROVIDING OF NECESSARY BONDS. NO EARTH CHANGES OR EXCAVATION SHALL BE STARTED PRIOR TO THE ISSUANCE OF THIS PERMIT. THE DEVELOPER SHALL PROTECT ALL EXISTING AND PROPOSED STORM SEWER FACILITIES ON AND ADJACENT TO THE SITE DURING EXCAVATION AND CONSTRUCTION. ALL SEDIMENT SHALL BE CONTAINED ON SITE. ANY SILT IN COUNTY DRAINS, STORM SEWER, CULVERTS, ETC. AS A RESULT OF THIS PROJECT, SHALL BE REMOVED BY THE DEVELOPER AT THE COST OF THE DEVELOPER.
5. FLOOD PLAIN OR WETLAND CONSTRUCTION: THE DEVELOPER SHALL APPLY TO THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY FOR A PERMIT FOR THE ALTERATION AND/OR OCCUPATION OF A FLOOD PLAIN OR FLOODWAY, AS REQUIRED UNDER PA 451. EVIDENCE OF THIS PERMIT MAY BE REQUIRED PRIOR TO PLAN APPROVAL BY GCDC-WWS.
6. NPDES STORM WATER DISCHARGE PERMIT: THE OWNER OF THE PROPERTY SHALL OBTAIN A NPDES STORM WATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES FROM WDEQ AS REQUIRED UNDER PUBLIC ACT 451. THE NOTICE OF COVERAGE FORM SHALL BE SUBMITTED THROUGH GCDC-WWS WITH THE SOIL EROSION CONTROL PERMIT APPLICATION. ALL WDEQ FEES SHALL ACCOMPANY THE NOTICE OF COVERAGE. EVIDENCE OF THIS PERMIT MAY BE REQUIRED PRIOR TO PLAN APPROVAL BY GCDC-WWS.
7. GENESEE COUNTY PERMIT TO CONSTRUCT A PUBLIC UTILITY: AFTER THE APPROVAL OF THIS PRELIMINARY PLAT OR SITE PLAN, THE DEVELOPER SHALL SUBMIT A DETAILED PLAN FOR CONSTRUCTION OF ALL PUBLIC SANITARY SEWER AND WATERMAIN. THE PLANS MUST HAVE GCDC-WWS APPROVAL AND S-PERMIT ISSUED, AND APPROVAL FROM THE WDEQ PRIOR TO BEGINNING OF CONSTRUCTION.
8. GENESEE COUNTY ROAD COMMISSION PERMIT: THE DEVELOPER SHALL OBTAIN A PERMIT FROM THE GENESEE COUNTY ROAD COMMISSION TO PERFORM WORK WITHIN THE GENESEE COUNTY ROAD COMMISSION RIGHT-OF-WAY. ALL FEES FOR THE PERMIT, BONDS AND INSURANCES ARE THE RESPONSIBILITY OF THE DEVELOPER.
9. MUNICIPALITY SANITARY SEWER AND WATER PERMIT: PRIOR TO THE ISSUANCE OF A BUILDING PERMIT BY THE LOCAL MUNICIPALITY, THE DEVELOPER SHALL BE REQUIRED TO OBTAIN A SANITARY SEWER AND/OR WATER TAP-IN PERMIT FROM THE LOCAL MUNICIPALITY, IF AUTHORIZED, OR GCDC-WWS.
10. STATE CONSTRUCTION PERMITS: THE SANITARY SEWER AND WATERMAIN CONSTRUCTION PERMIT APPLICATION FROM THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY (WDEQ) SHALL BE SUBMITTED TO THE WDEQ AFTER RECEIVING APPROVAL FROM GCDC-WWS. CONSTRUCTION SHALL NOT BEGIN UNTIL THESE STATE PERMITS ARE ISSUED.

WATER MAIN NOTES:

1. INSTALL WATER MAIN WITH A MINIMUM OF 5.5' OF COVER.
2. PROVIDE A MINIMUM OF 18" OF VERTICAL SEPARATION AND 10' OF HORIZONTAL SEPARATION BETWEEN WATERMAIN AND ALL SANITARY AND STORM SEWERS.
3. PROVIDE THRUST BLOCKS AT ALL WATER MAIN BENDS, PLUGS, AND TEES PER GENESEE COUNTY WWS STANDARDS.
4. ALL WATER MAIN MATERIALS SHALL CONFORM TO GENESEE COUNTY WWS STANDARD SPECIFICATIONS. NO SECOND HAND OR SALVAGED MATERIALS SHALL BE PERMITTED.
   - 12" AND LARGER WATER MAIN PIPE SHALL BE DUCTILE IRON CLASS 54 CONFORMING TO ANSI/AWWA A21.51 / C151
   - 4" TO 10" WATER MAIN PIPE SHALL BE DUCTILE IRON CLASS 53 CONFORMING TO ANSI/AWWA A21.51 / C151
   - 2" AND SMALLER WATER LEAD PIPE SHALL BE TYPE 'K' COPPER.
5. THE WATER MAIN SHALL BE TESTED IN ACCORDANCE WITH LOCAL AND/OR COUNTY REQUIREMENTS. THE INSPECTOR OF THE MUNICIPALITY SHALL BE PRESENT DURING THE TESTING PROCEDURE. CONTRACTOR SHALL COORDINATE INSPECTIONS WITH AGENCIES.

GAS MAIN NOTES:

1. CONSUMERS ENERGY SHALL PROVIDE THE GAS SERVICE TAP. INSTALL PIPE TO BUILDING, AND INSTALL THE METER AND REGULATOR.

NORTH

0 40 80 120
SCALE: 1"=40'

Know what's below. Call before you dig.

STATE OF MICHIGAN
RUDY J. QUADERER
ENGINEER
No. 38770
REGISTERED PROFESSIONAL ENGINEER
SEAL

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SITE UTILITY PLAN

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SITE PLANNING

15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA

C400

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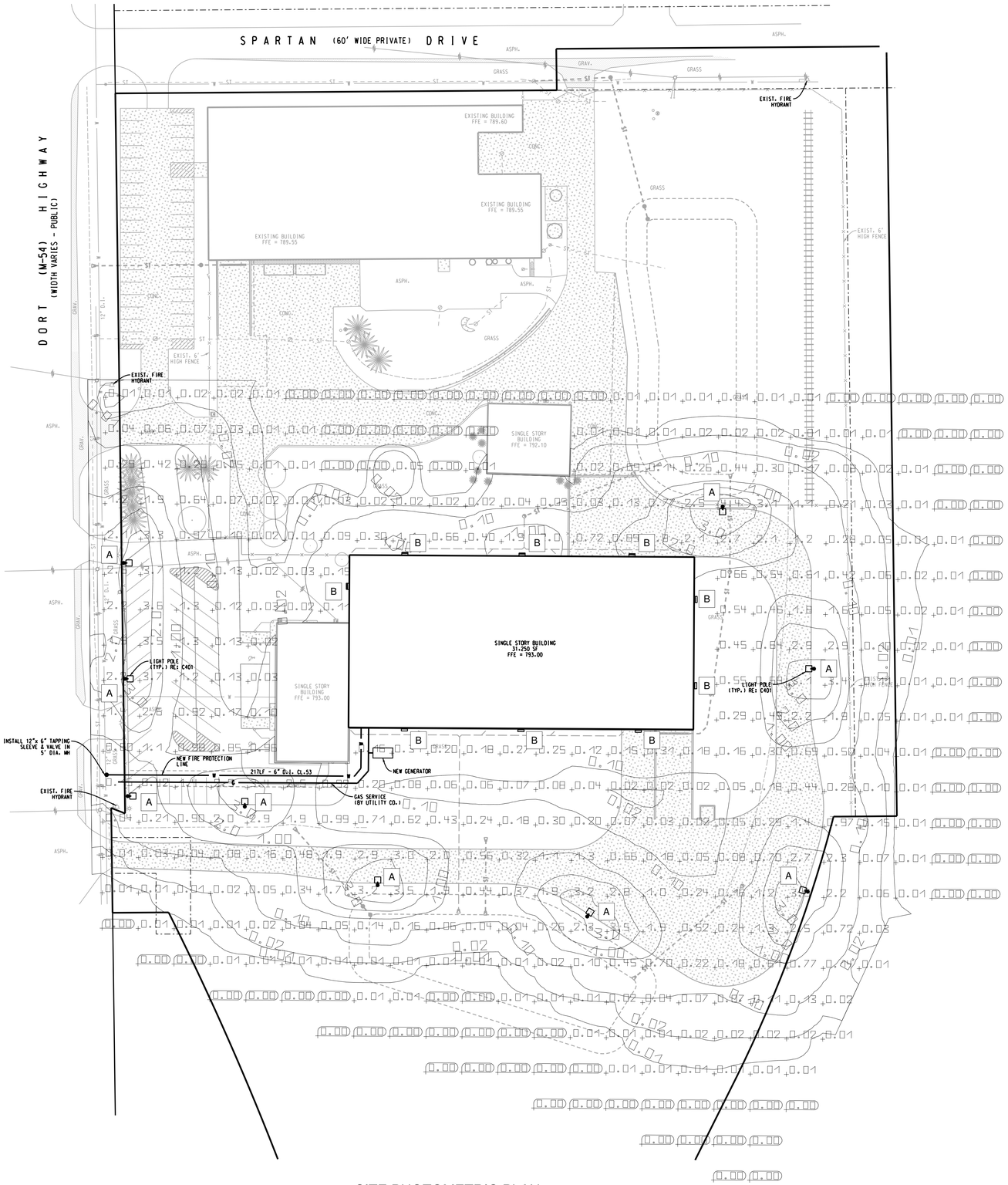
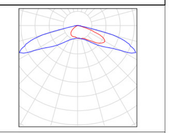
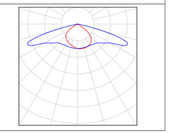


SITE PHOTOMETRIC PLAN
1" = 40'-0"

FIXTURE SCHEDULE

TYPE	Quantity	Luminaire (Luminous emittance)		
A	8	COOPER LIGHTING - McGRAW-EDISON - VTS-B09-LED-E1-T3 VENTUS LED SITE LUMINAIRE (9) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 Luminous emittance 1 Fitting: 189x Absolute photometry Luminaire luminous flux: 20588 lm Power: 219.0 W Luminous efficacy: 94.0 lm/W Colorimetric data 189x: CCT 3000 K, CRI 100		
B	10	Lithonia Lighting - MRW LED P1 SR2 40K MVOLT MRW LED WITH P1-PERFORMANCE PACKAGE, 4000K, AND SR2 OPTIC TYPE Luminous emittance 1 Fitting: 1xLED Absolute photometry Luminaire luminous flux: 2251 lm Power: 19.6 W Luminous efficacy: 115.1 lm/W Colorimetric data 1x: CCT 3000 K, CRI 100		

Total lamp luminous flux: 187214 lm, Total luminaire luminous flux: 187214 lm, Total Load: 1948.0 W, Luminous efficacy: 96.1 lm/W

NORTH

0 40 80 120
SCALE: 1"=40'

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SEAL

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	ISSUED TO CITY OF BURTON TO AMAC (UPDATED TOPO/BNDY)	07-29-19 07-15-19	

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SITE PHOTOMETRIC PLAN

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15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C401

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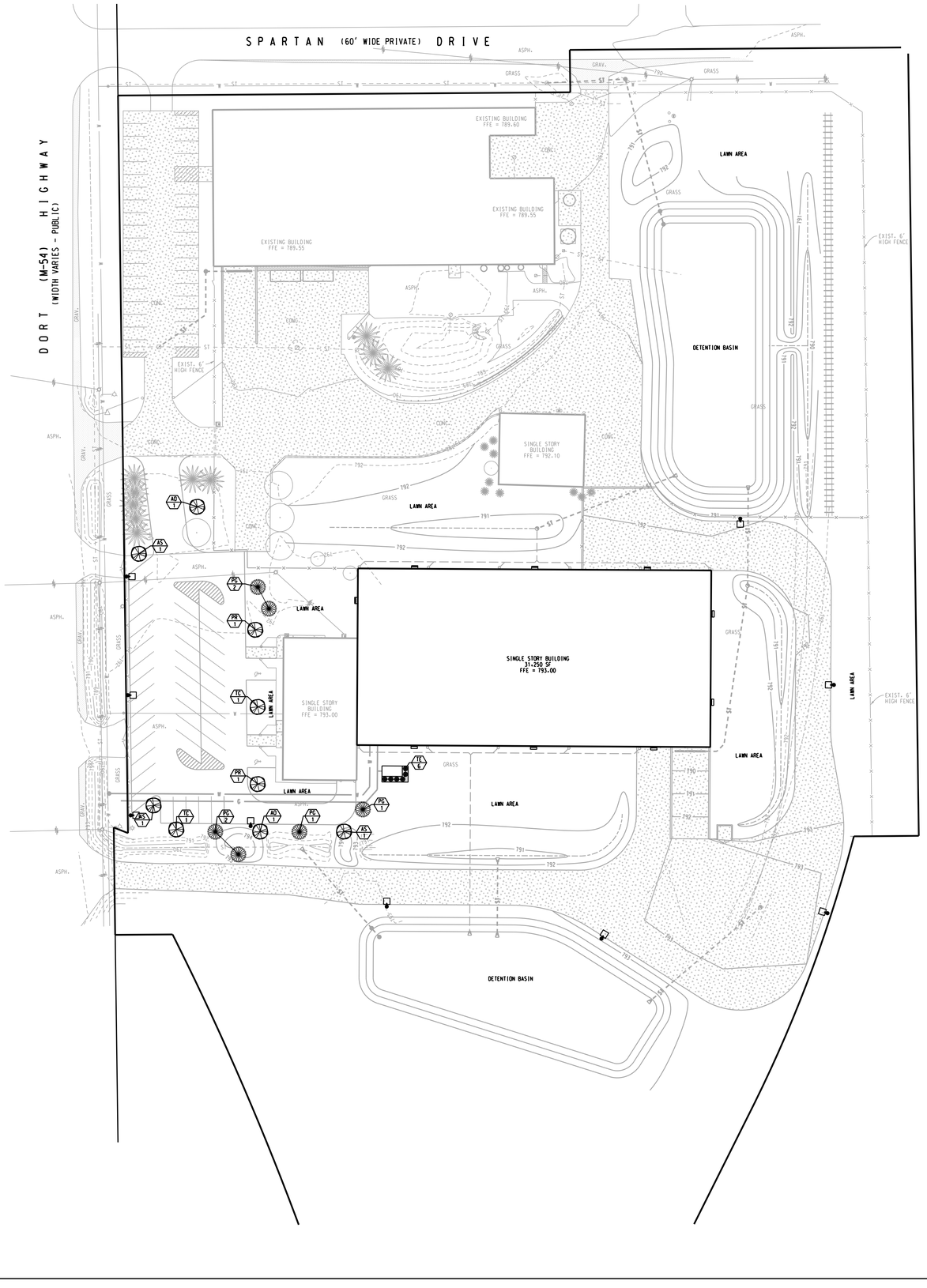
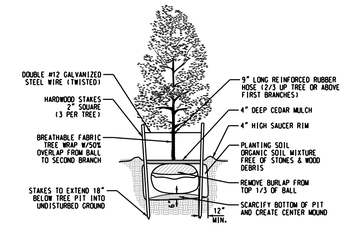
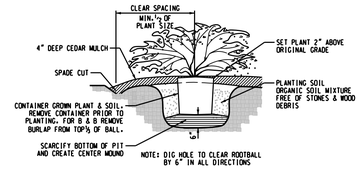
Packet Pg. 30





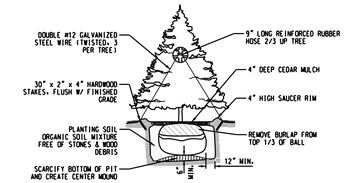
NOTE: TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE. RAISE ROOT BALL 1/3 HIGHER IN CLAY SOILS - BACKFILL & COVER ENTIRE BALL W/ TOPSOIL & MULCH.

TREE PLANTING DETAIL
NO SCALE



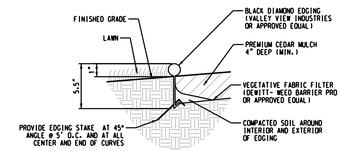
NOTE: DIG HOLE TO CLEAR ROOTBALL BY 6" IN ALL DIRECTIONS

SHRUB PLANTING DETAIL
NO SCALE



NOTE: TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE. RAISE ROOT BALL 1/3 HIGHER IN CLAY SOILS - BACKFILL & COVER ENTIRE BALL W/ TOPSOIL & MULCH.

EVERGREEN TREE DETAIL
NO SCALE



CEDAR MULCH AND EDGING DETAIL
NO SCALE

LANDSCAPING NOTES:

1. INSTALLATION OF PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS LATEST EDITION.
2. PRIOR TO BEGIN OF LANDSCAPE WORK, CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON-SITE UTILITIES. CONTRACTOR SHALL CONTACT MISS DIG (811) FOR LOCATIONS OF ALL PRIVATE UTILITIES. ANY DAMAGE OR INTERRUPTIONS OF SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE ALL RELATED WORK ACTIVITIES WITH OTHER TRADES AND REPORT ANY UNACCEPTABLE WORK CONDITIONS TO OWNER PRIOR TO COMMENCING WORK.
3. NUMERICAL VALUE OF PLANT MATERIAL SHOWN SHALL TAKE PRECEDENCE OVER GRAPHIC REPRESENTATION. VERIFY AND REPORT ANY DESCRANCIES WITH LANDSCAPE ARCHITECT.
4. SUBSTITUTIONS OR DEVIATIONS FROM THE LANDSCAPE PLAN MUST BE APPROVED BY THE MUNICIPALITY AND/OR GOVERNING AGENCY PRIOR TO COMMENCING.
5. NEW LANDSCAPE BEDS WITHIN PREVIOUS BUILDING AND PAVEMENT AREAS SHALL BE EXCAVATED OF ALL BUILDING MATERIALS AND POOR SOILS TO A MINIMUM DEPTH OF 24" AND BACKFILLED WITH GOOD MEDIUM TEXTURED ORGANIC PLANTING SOIL FREE OF ROCKS LARGER THAN 1".
6. PROTECT EXISTING TREES TO REMAIN WITH TEMPORARY FENCING PLACED AT THE DRIP LINE. NO GROUND DISTURBANCE OR STORAGE OF MATERIAL SHALL OCCUR WITHIN THE DRIP LINE LIMITS.
7. COORDINATE PLACEMENT OF PLANTS WITH UNDERGROUND UTILITY LOCATIONS. MAKE ADJUSTMENTS AS REQUIRED TO AVOID PLANTING OVER THE UTILITIES. DO NOT PLANT SHADE OR EVERGREEN TREES BELOW OVERHEAD WIRES. IF CONFLICT OCCURS, CONTACT LANDSCAPE ARCHITECT TO ADJUST LOCATION OF TREES.
8. PLACE 4" THICK BY 4' DIAMETER SHREDDED CEDAR OR CYPRESS BARK MULCH RING AT THE BASE OF ALL NEW TREES IN LAWN AREA. CUT LAWN AREA IN A SMOOTH UNIFORM CIRCULAR LINE.
9. ALL GREEN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITH SIDE SLOPES LESS THAN 3:1, SHALL BE GRADED AND TOPPED WITH MINIMUM 4" DEEP TOPSOIL AND SEEDED & MULCHED. REFER TO PLAN FOR SEED MIXTURE AND APPLICATION RATE.
10. ALL EXISTING TREES AND SHRUBS NOTED TO REMAIN SHALL BE PROPERLY PRUNED, TRIMMED, TWINNED AND SHAPED BY A QUALIFIED NURSERYMAN OF ARBORIST. ALL DEAD LIMBS AND BRANCHES SHALL BE REMOVED FROM SITE.
11. UNLESS NOTED OTHERWISE, LANDSCAPE BEDS ADJACENT TO LAWN AREAS SHALL RECEIVE LANDSCAPE EDGING AS DETAILED ON PLAN.
12. ALL LANDSCAPING SHALL BE COMPLETED WITHIN 6 MONTHS OF COMPLETION OF BUILDING.
13. ALL STAKING MATERIALS AND WRAPPING SHALL BE REMOVED OFF SITE WITHIN ONE YEAR AFTER INSTALLATION.
14. LANDSCAPING ITEMS SHALL NOT INTERFERE WITH THE CLEAR VISION AREAS. TREES WITHIN PARKING LOT ISLANDS SHALL HAVE A CLEAR VIEW OF 4'-6" MINIMUM TO THE FIRST BRANCH AT MATURITY.
15. ALL PLANT MATERIALS INCLUDING LAWN AREAS SHALL BE WATERED, FERTILIZED, TRIMMED, MOWED AND GENERALLY MAINTAINED BY THE CONTRACTOR IN A HEALTHY GROWING CONDITION FOR A PERIOD OF 30 DAYS AFTER FINAL COMPLETION AND AFTER LAWN IS CUT FOR FIRST TIME. CONTRACTOR SHALL SUBMIT A ONE (1) YEAR WARRANTY FROM COMPLETION DATE AND BE RESPONSIBLE TO REPLACE ANY DISEASED OR DEAD PLANT MATERIAL WITHIN THAT PERIOD OF TIME WITHOUT ANY COST TO THE OWNER.

TREE SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
AO	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2.5" CAL	2
AS	ACER SACCHARUM 'COMMEMORATION'	COMMEMORATION SUGAR MAPLE	2.5" CAL	3
PG	PICEA GLAUCA	WHITE SPRUCE	6'-8' HT	6
PR	PYRUS CALLARYANA 'REDSPIRE'	REDSPIRE PEAR	2.5" CAL	2
TC	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	2.5" CAL	2

SHRUB SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
TE	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	5' HT	6

SEED MIXTURE #1 — LAWN AREA

COMMON NAME	PROPT BY WGT.	PERCENT OF PURITY	PERCENT GERMINATION
KENTUCKY BLUE GRASS	20%	97%	80%
RED FESCUE	60%	97%	80%
PERENNIAL RYE GRASS	20%	97%	80%
TOTAL SEEDING RATE:	100% 8 LBS./1000 SQ. FT.		

LEGEND:

AREA TO BE MULCHED

PLANT DESIGNATION & QUANTITY OF SPECIE

NORTH

0 40 80 120
SCALE: 1"=40'

811 Know what's **below.** **Call** before you dig.

RUDY J. QUADERER ENGINEER No. 38770 REGISTERED PROFESSIONAL ENGINEER STATE OF MICHIGAN SEAL

NO.	DATE	REVISION OR ISSUE
	07-29-19	ISSUED TO CITY OF BURTON
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)

SUBJECT

DRAWN
DESIGNED QUADERER
CHECKED BRZEZINSKI
FIELD CREW CB / RO

GENESEE POLYMERS
NEW WAREHOUSE
G-4099 SOUTH DORT HIGHWAY
BURTON, MICHIGAN 48529

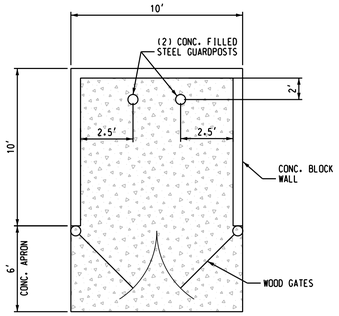
SITE LANDSCAPE PLAN

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
WWW.GQINCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158
CIVIL ENGINEERING · LAND SURVEYING
SITE PLANNING

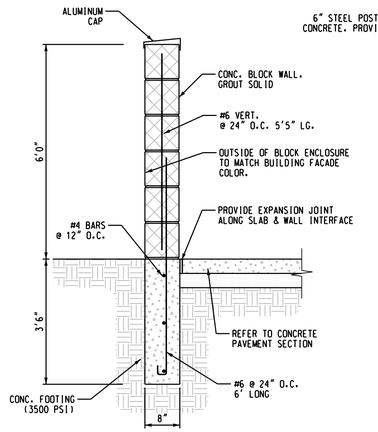
15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C500

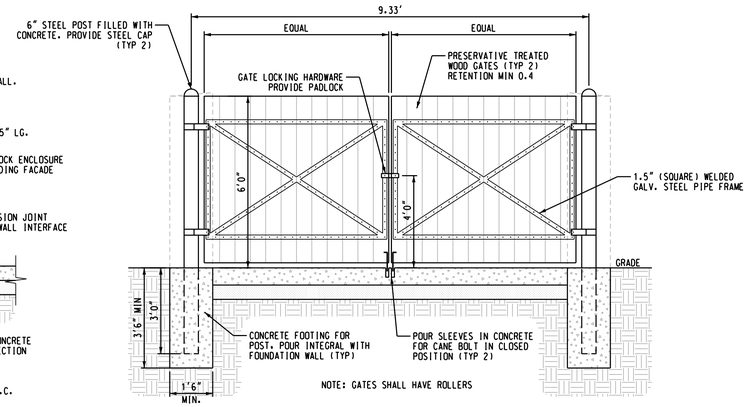
Attachment: Back up 19-30 (4496 : SPR #19-30)
THESE PLANS AND DESIGNS ARE THE PROPERTY OF GRIGGS QUADERER, INC. AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF GRIGGS QUADERER, INC.



PLAN VIEW



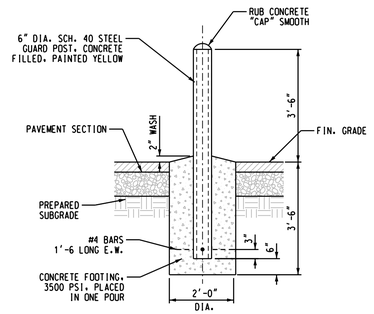
WALL CROSS SECTION



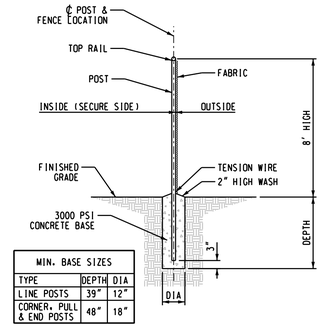
NOTE: GATES SHALL HAVE ROLLERS

FRONT ELEVATION

TRASH ENCLOSURE DETAIL
NO SCALE



GUARD POST DETAIL
NO SCALE



MIN. BASE SIZES		
TYPE	DEPTH	DIA
LINE POSTS	39"	12"
CORNER, PULL & END POSTS	48"	18"

SECURITY FENCE DETAIL
NO SCALE

WALL THICKNESS "T"		
DEPTH	BRICK	PRECAST/BLOCK
0'-10'	8"	5"
OVER 10'	6" PRECAST ONLY	

CATCH BASIN DETAIL
NO SCALE

STORM INLET DETAIL
NO SCALE

TRENCH WIDTH CHART	
PIPE SIZE	TRENCH WIDTH
6" TO 15"	30" MAX.
18" TO 30"	O.D. + 12"

PIPE BEDDING AND BACKFILL
NO SCALE

RUDY J. QUADERER ENGINEER No. 38170 REGISTERED PROFESSIONAL ENGINEER STATE OF MICHIGAN SEAL

NO.	DATE	REVISION OR ISSUE	SUBJECT
	07-29-19	ISSUED TO CITY OF BURTON	
	07-15-19	TO AMAG (UPDATED TOPO/BNDY)	

DRAWN
DESIGNED QUADERER
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SITE PLANNING
15th ANNIVERSARY 2004 - 2019

JOB NO.: 190603
PHASE: SPA
C600

Attachment: Back up 19-30 (4496 : SPR #19-30)
Packet Pg. 32

EXISTING BUILDING | NEW ADDITION

SCRUBBER 12
JAN 19
MEN 5
WOMEN 20
BREAK ROOM 11
LAB 1
BREAK ROOM 2 21
ELECTRICAL RM 16
FIRE RM 2
OFFICE 15
TRUCKERS 14
RR 13
SHIPPING / RECEIVING 9
TOTE / BARREL STORAGE 10

RACKS
TURRET TRUCK
FUTURE RACKING
RACKS 6
WIRE GUIDANCE
RACK BACK STOP GUARD

NEW EGRESS DOOR
NEW DOOR OPENING IN EXISTING WALL
NEW WALLS
RANGE
COUNTER AND SINK
INFILL EXISTING DOOR
SHELVING
NEW EXTERIOR DOOR
EXISTING EXTERIOR DOOR TO BE REMOVED
STEP
SLOPE
RAILING
MEZZANINE FOR STORAGE ABOVE (125 PSF)
TABLES
ADD POWER ALONG WALL SCALE...
STEEL COLUMNS AT EACH END
SHRINKWRAP MACHINE
FORKLIFT CHARGING AREA
TRUCK DOCK
DUMPSTER

4 A101
2 A102
2 A101
3 A101

180' - 10 1/2"
129'-9"
106'-11"
250' - 0"
125' - 0"
93' - 7 7/8"
38' - 0"
17' - 0"
67' - 5 1/4"
65' - 0"
30' - 8 1/2"
30' - 1"
21' - 0"
30' - 11 1/2"
27' - 0"
22' - 10 1/4"
31' - 1 1/2"
18' - 7 1/2"
11' - 11"
12' - 5"
14' - 0" X 14' - 0"
8' - 0" X 10' - 0"

25' - 0" | 25' - 0" | 25' - 0" | 25' - 0" | 25' - 0" | 25' - 0" | 25' - 0" | 25' - 0" | 25' - 0" | 25' - 0"

1 2 3 4 5 6 7 8 9 10 11

A Z

FINISH FLOOR
3/32" = 1'-0"

NORTH

C:\Users\CharlesSawdon\Documents\Revit Models\GENESEE POLYMERS FLIPPED 06-18-19.rvt

Architect:
AMAG
4488 West Bristol Road, Suite 200, Flint, MI 48507 PH: (810) 230-9311

Contractor:
Rhoads & Johnson
www.rhoadsjohnson.com

GENESEE POLYMERS

RIBTOWN MICHIGAN AREA
SWAN LEDGE WAY
Attachment: Back up 19-30 (4496 : SPR #19-30)

Project Phase:
Design
Permit
Construction

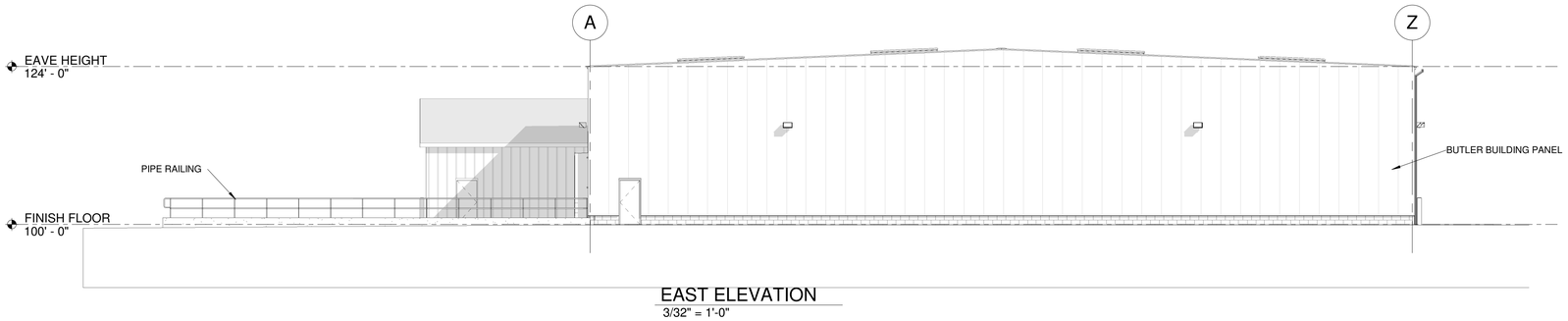
Date
06/27/2019

Rev. Description
DESIGN LAYOUT

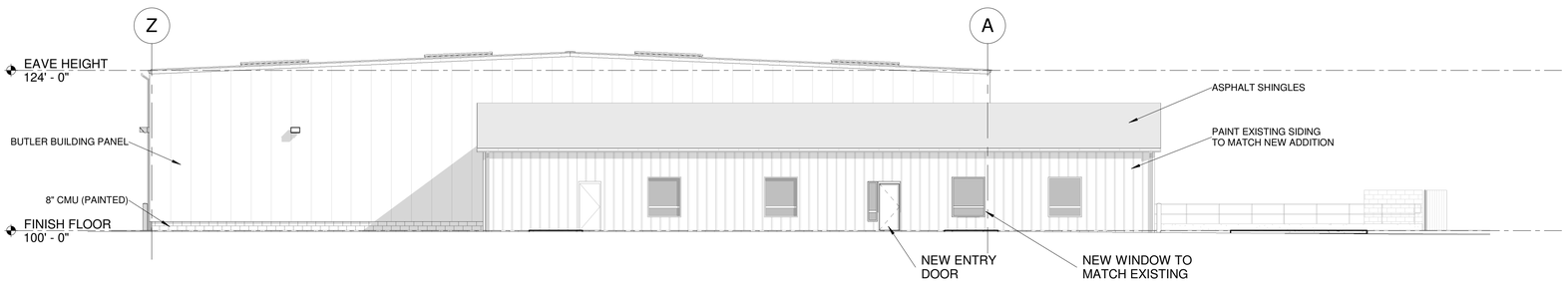
Project # 19027
Drawn by: Author
Checked by: Checker

FLOOR PLAN

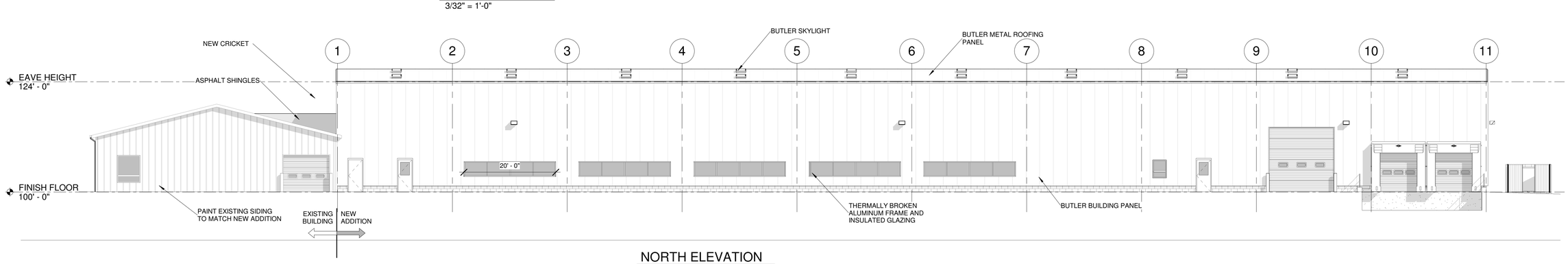
Sheet
A100



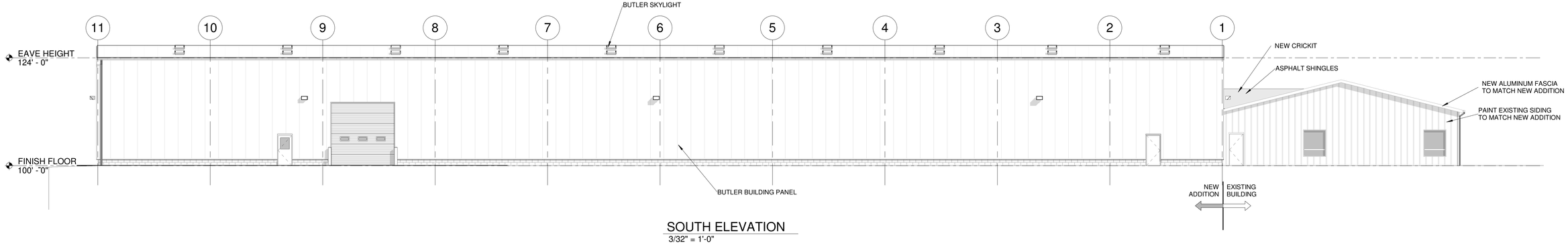
EAST ELEVATION
3/32" = 1'-0"



WEST ELEVATION
3/32" = 1'-0"



NORTH ELEVATION
3/32" = 1'-0"



SOUTH ELEVATION
3/32" = 1'-0"

Architect:
AMAG
4488 West Bristol Road, Suite 200, Flint, MI 48507 PH: (810) 230-9311

Contractor:
Rhoads & Johnson
www.rhoadsjohnson.com

GENESEE POLYMERS

Attachment: Back up 19-30 (4496 : SPR #19-30)

Project Phase:
- Design
- Permit
- Construction

Date
06/27/2019

Rev.	Description
	DESIGN LAYOUT

Project #	19027
Drawn by:	Author
Checked by:	Checker

ELEVATIONS

Sheet
A200

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SPR #19-31

By: Matthew Ovadek
1352 S. Oak St.
Davison, MI 48423

Re: 3323 Associates Dr. Burton, MI 48529
59-29-551-003 / M-1 Zone

For: Addition to the building

COMMENTS - Current Meeting:

Matt Ovadek of Davison stated we have had some delays through the state since our first application and approval in 2017. We are ready to proceed with the expansion now and hoping for another approval so we can update the property.

Mrs. Abbey stated the board saw this plan in 2017 and it was approved. The site plan has been expired for about a year and no building permit was pulled. Nothing has changed in our ordinance since then. This is just a re-approval of an existing site plan from 2017. We recommend approval.

Mr. Johnson asked what type of business this is.

Mr. Abbey said, a marijuana grow facility.

Mr. Burge said he remembers the building requiring a large amount of electrical work.

Mr. Ovadek stated they needed some major power in the building which has been updated. The tenant had issues with getting licensed which has been taken care of.

Mr. Gorang asked when the addition will be complete.

Mr. Ovadek said, weather permitting, by the end of the year.

Mr. Gorang asked for the square footage of the addition.

Mr. Ovadek said, the addition is about 28,000 square feet.

ATTACHMENTS:

- Back up 19-31 (PDF)

F.2

RESULT:	**CARRIED [UNANIMOUS]**
MOVER:	Tom Gorang, Commissioner
SECONDER:	Robert Johnson, Commissioner
AYES:	Burge, White, Gorang, Benthall, Johns, Johnson
EXCUSED:	Vaughn Smith, Deb Walton

City of Burton
Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230

APPLICATION FOR SITE PLAN REVIEW

DATE FILED: 7-30-19
FEE: $200.00
RECEIPT NO:
CHECK NO: Cash

SPR #: 19-31

PLEASE PRINT

DATE OF PLANNING COMMISSION MEETING: Aug 13, 2019 TIME: 5:00 pm

APPLICANTS NAME: Matthew Ovadek

APPLICANTS ADDRESS: 1352 S. OAK
Davison, MI 48423

APPLICANTS PHONE NO: 810 625-9528

PROPOSED NAME OF BUSINESS: Great Lakes Cultivation LLC

SITE ADDRESS: 3323 Associates DRive

SUBDIVISION & LOT # OR PARCEL NUMBER: 25-59-29-551-003

RE: ADDITION TO Building

APPLICANT: IT IS TO YOUR ADVANTAGE TO ATTEND THE ABOVE SCHEDULED MEETING. THE PLANNING COMMISSION MAY HAVE QUESTIONS THAT DIRECTLY AFFECT APPROVAL, DENIAL, OR POSTPONING UNTIL THESE QUESTIONS CAN BE ANSWERED.

APPLICANTS SIGNATURE: Matthew J Ovadek

NOTE: All site plans must be filed at least two (2) weeks prior to the Planning Commission hearing and **MUST** comply with the procedures set forth in Section 157.092 of Codified Ordinance as attached. Must include **twelve (12) sets** of prints in order to process the application.

Attachment: Back up 19-31 (4497 : SPR #19-31)

SITE PLAN FOR:

CULTIVATION CENTER

3323 ASSOCIATES DRIVE
BURTON, MICHIGAN 48098

LEGAL DESCRIPTION:

S 15' OF W 140' OF LOT 4 AND E 80' OF LOT4
& LOT 5. 14 ASSOCIATES COMMERCIAL SITES

ARCHITECT

ROARK GALT ARCHITECTS/LLC
A MICHIGAN CORPORATION
10166 N. LINDEN RD. CLIO, MICHIGAN 48420
RGARCHS@GMAIL.COM (231) 557-3304
DAVID J. MCDADE
STATE OF MICHIGAN LICENSE # 039797

ABBREVIATIONS

∠	ANGLE
@	AT
%	PERCENT
AB	ANCHOR BOLT
AC	ACOUSTIC(AL)/ALTERNATING CURRENT
ACP	ACOUSTICAL PANEL
ACT	ACOUSTICAL TILE
ADD	ADDITION
ADJ	ADJUSTABLE
ADH	ADHESIVE
AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
AL	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
AP	ACCESS PANEL
APPROX.	APPROXIMATELY
AR	ACID RESISTING
ARCH	ARCHITECT(URAL)
ASB	ASBESTOS
ASPH	ASPHALT
AVE	AVENUE
BB	BULLETIN BOARD
B&B	BALLED AND BURLAPPED
BD	BOARD/BEAD
BF	BOTH FACES
BG	BUMPER GUARD
BIT	BITUMINOUS
BL	BORROWED LITE
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BLKT	BLANKET
BM	BEAM/BENCH MARK
BO	BY OWNER
BOS	BOTTOM OF STEEL
BRKR	BREAKER
BRG	BEARING
BRK	BRICK
BS	BACK SPLASH
BSBD	BASEBOARD
BSMT	BASEMENT
BTM	BOTTOM
BTU	BRITISH THERMAL UNIT
BTWN	BETWEEN
BUR	BUILT-UP ROOF
C	CHANNEL/CONDUIT
CAB	CABINET
CAP	CAPACITY
CAV	CAVITY
CB	CATCH BASIN/CHALKBOARD/ CORNER BEAD
C/C	CENTER TO CENTER
CEM	CEMENT
CER	CERAMIC
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
CG	CORNER GUARD
CI	CAST IRON
CJ	CONTROL JOINT
℄	CENTER LINE
CLG	CEILING
CLO	CLOSURE
CLOS	CLOSET
CMU	CONCRETE MASONRY UNIT
CMPST	COMPOSITE
CO	CASED OPENING/CLEANOUT
COL	COLUMN
COMB	COMBINATION
COMPT	COMPARTMENT
CONC	CONCRETE
CONF	CONFERERNCE
CONN	CONNECT(ION)
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COR	CORNER
CORR	CORRIDOR/CORRUGATED
COV	COVER
CP	CONTROL PANEL
CPT	CARPET
CR	CHAIR RAIL/COAT RACK/COLD ROLLED
CSG	CASING
CSWK	CASEWORK
CT	CERAMIC TILE
CTR	CENTER/COUNTER
CTSK	COUNTERSUNK
CU	CUBIC
CW	COLD WATER
CYL	CYLINDER
D	PENNY
D	DEPTH
DBL	DOUBLE
DC	DIRECT CURRENT
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIA OR	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISC	DISCONNECT
DISP	DISPENSER
DIV	DIVISION
DK	DECK
DK'G	DECKING
DL	DEAD LOAD
DMPFG	DAMP PROOFING
DN	DOWN
DO	DITTO/DOOR OPENING
DP	DEMOUNTABLE PARTITION
DR	DOOR
DS	DOWN SPOUT
DT	DRAPERY TRACK
DTL	DETAIL
DWG	DRAWING
DWL	DOWEL
DWR	DRAWER
DVTL	DOVETAIL
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EACH FACE
EFF	EFFICIENCY/EFFECTIVE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
ENGR	ENGINEER
ENT	ENTRANCE
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXPD	EXPOSED
EXT	EXTENSION/EXTERIOR
FA	FIRE ALARM/FORCED AIR/FRESH AIR
FB	FACE BRICK
FD	FLOOR DRAIN/FIRE DOOR
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FGL	FIBERGLASS
FIN	FINISH
FIX	FIXTURE
FL	FLOOR
FLEX	FLEXIBLE
FLNG	FLASHING
FLR	FLOOR
FLRG	FLOORING
FLT	FLOAT
FLUOR	FLUORESCENT
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOW	FACE OF WALL
FPRF	FIREPROOF
FR	FIRE RETARDANT
FRMG	FRAMING
FRP	FIBERGLASS REINFORCED POLYESTER
FS	FULL SIZE/FULL SCALE
FT	FEET/FOOT
FTF	FLOOR TO FLOOR
FTG	FOOTING
FURN	FURNISH(ED)
FURR'G	FURRING
FUT	FUTURE
FVC	FIRE VALVE CABINET
GA	GAGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GEN	GENERAL
GI	GALVANIZED IRON
GL	GLASS
GLZ	GLAZING
GM	GAS METER
GMU	GYPSUM MASONRY UNIT
GPL	GYPSUM LATH
GR	GRADE
GRND	GROUND
GSKT	GASKET
GWB	GYPSUM WALL BOARD
GYM	GYMNASIUM
GYP	GYPSUM
H	HIGH
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HAND DRYER/HEAD
HDBD	HARDBOARD
HDR	HEADER
HDW	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HOR	HORIZONTAL
HP	HIGH POINT
HR	HOUR/HAND RAIL
HT	HEIGHT
HTG	HEATING
HV	HEATING & VENTILATING
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HVC	HEATING & VENTILATING CONTRACTOR
HW	HOT WATER
HWC	HEAVYWEIGHT CONCRETE
HWH	HOT WATER HEATER
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IF	INSIDE FACE
IMP	INSULATED METAL PANEL
IN	INCHES
INCL	INCLUDE
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
IRMA	INVERTED ROOF MEMBRANE ASSEMBLY
JAN	JANITOR
JB	JUNCTION BOX
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
KD	KILN DRIED/KNOCKED DOWN
K OR KIP	ONE THOUSAND POUNDS
KSF	ONE THOUSAND POUNDS PER SQUARE FOOT
KO	KNOCK OUT
LAB	LABORATORY
LAD	LADDER
LAM	LAMINATED
LAV	LAVATORY
LB	POUND
LBS	POUNDS
LD	LOAD
LDG	LANDING
LIN	LINEAR
LIQ	LIQUID
LKR	LOCKER
LL	LIVE LOAD
LLV	LONG LEG VERTICAL
LMBR	LUMBER
LNTL	LINTEL
LP	LOW POINT
LSJ	LONG SPAN JOIST
LT	LIGHT
LVR	LOUVER
LWC	LIGHTWEIGHT CONCRETE
MACH	MACHINE
MAR	MARBLE
MAS'Y	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MBH	1,000 BTU/HR
MBW	MASONRY BEARING WALL
MC	MEDICINE CABINET
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MDL	MODEL/MIDDLE
MFG	MANUFACTURING
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MK	MARK
ML	METAL LATH
MLDG	MOLDING
MLWK	MILLWORK
MO	MASONRY OPENING
MRTR	MORTAR
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MTR	MOTOR
MWP	METAL WALL PANEL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NPS	NOMINAL PIPE SIZE
NS	NON-SHRINK
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFF	OFFICE
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
OZ	OUNCE
PARG	PARGING
PC	PRECAST
PCF	POUNDS PER CUBIC FOOT
PERF	PERFORATED
PL	PLATE/PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER/PLASTIC
PLBG	PLUMBING
PNL	PANEL
PNLG	PANELING
POL	POLISHED
PP	POLISHED PLATE
PR	PAIR
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
PRESS	PRESSURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PLYWD	PLYWOOD
PROP	PROPERTY
P&S	POLE AND SHELF
PT	POINT/PAINT
PTD	PAPER TOWEL DISPENSER
PTDR	PAPER TOWEL DISPENSER AND RECEPTACLE
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER BASE
RBR	RUBBER
RC	REINFORCED CONCRETE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECPT	RECEPTACLE
REF	REFERENCE/REFER
REFL	REFLECT(ED)(IVE)(OR)
REFR	REFRIGERATOR
REINF	REINFORCE(D)(ING)(MENT)
REL	RELOCATE
REQD	REQUIRED
RES	RESILIENT
RET	RETURN
REV	REVISED/REVISION
RF	RESINOUS FLOORING
RFG	ROOFING
RGH	ROUGH
RH	ROBE HOOK
RI	ROUGH IN
RM	ROOM
RO	ROUGH OPENING
RT	RUBBER TILE
S	SINK
S4S	SURFACED FOUR SIDES
SAN	SANITARY
SB	SOIL BORING
SC	SOLID CORE
SCT	STRUCTURAL CLAY TILE
SCHED	SCHEDULE
SD	SOAP DISPENSER
SECT	SECTION
SEL	SELECT
SEW	SEWER
SGL	SINGLE
SGT	STRUCTURAL GLAZED TILE
SH	SHELF/SINGLE HUNG
SHR	SHOWER
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SJ	SLIP JOINT
SM	SHEET METAL/SMOOTH/SMALL
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
STL JST	STEEL JOIST
SLV	SHORT LEG VERTICAL
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SQ	SQUARE
SR	SERVICE RECEPTOR/SHOWER ROD
SS	SERVICE SINK/STAINLESS STEEL
STA	STATION
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STM	STORM
STO	STORAGE
STRUC	STRUCTURAL/STRUCTURE
SUSP	SUSPENDED
S&V	STAIN AND VARNISH
SW	SWITCH
SYM	SYMMETRICAL
T	TEE/TREAD
TB	TACK BOARD/TOWEL BAR
T&B	TOP AND BOTTOM
TEL	TELEPHONE
TEMP	TEMPERATURE/TEMPERED/TEMPORARY
TERR	TERAZZO
T&G	TONGUE AND GROOVE
THK	THICK(NESS)
THRESH	THRESHOLD
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE/TOP OF CURB
TOD	TOP OF DECK
TOF	TOP OF FOOTING
TOJ	TOP OF JOIST
TOP	TOP OF PAVEMENT
TOS	TOP OF SLAB/TOP OF STEEL
TOW	TOP OF WALL
TPG	TOPPING
TPH	TOILET PAPER HOLDER
TPSL	TOPSOIL
TRAN	TRANSOM
TRD	TREAD
TRANS	TRANSPARENT/TRANSFORMER
TT	DOUBLE TEE
TYP	TYPICAL/TYPICALLY
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UNEX	UNEXCAVATED
UNFIN	UNFINISHED
UR	URINAL

APPLICABLE CODES:

SITE DESIGN: CITY OF BURTON ZONING ORDINANCE
BUILDING: 2015 MICHIGAN BUILDING CODE
FIRE AND SAFETY: 2015 IINTERNATIONAL FIRE CODE
MECHANICAL: 2015 MICHIGAN MECHANICAL CODE
ELECTRICAL: 2014 NATIONAL ELECTRICAL CODE
PLUMBING: 2015 MICHIGAN PLUMBING CODE
ACCESSIBILITY: 1966 PA 1, MCL 125.1351 TO 125.1356, THIS CODE, AND ICC/ANSI A 117.1, EXCEPT SECTIONS 611 AND 707
ENERGY: 2015 INTERNATIONAL ENERGY CODE (N.A.)

BUILDING & ZONING

ZONING: M-1 (LIGHT INDUSTRIAL)
OCCUPANCY CLASSIFICATION: "U" - UTILITY

TYPE OF CONSTRUCTION:
CONSTRUCTION TYPE 2A

SPACE IS 83% SPRINKLERED

FOOTPRINT AREA = 16,020 S.F.
ALLOWABLE FOOTPRINTAREA = 16,050 S.F.

EXISTING BLDG. AREA = 10,680 S.F.
NEW BUILDING AREA = 24,960 S.F.
TOTAL BUILDING AREA = 35,640 S.F.

TOTAL ALLOWABLE BUILDING AREA = 38,716 S.F.
SEE AREA MODIFICATION CALCULATIONS ON THIS SHEET

OCCUPANCY: 1 PERSON FOR EVERY 500 S.F.AREA
AREA = 35,640 S.F.
35,640 S.F. / 500 = 71

REQUIRED PLUMBING FACILITIES:

OCCUPANCY: 109 (55 MEN, 55 WOMEN)
REQUIRED FIXTURES:

MEN: 1 W.C. FOR EACH 40
= 2 W.C. REQUIRED, 2 PROVIDED
MEN: 1 LAVATORY FOR EACH 75
= 1 LAVATORY REQUIRED, 1 PROVIDED

WOMEN: 1 W.C. FOR EACH 40
= 2 W.C. REQUIRED, 2 PROVIDED
WOMEN: 1 LAVATORY FOR EACH 75
= 1 LAVATORY REQUIRED, 1 PROVIDED

1 JANITOR SINK REQUIRED, 1 PROVIDED

1 DRINKING FOUNTAIN IS REQUIRED, 1 PROVIDED

C BUILDING SUMMARY
SCALE: NONE

*AREA MODIFICATION CALCULATIONS:

AREA MODIFICATION:

$$AA = AT + \left[\frac{AT\ IF}{100}\right] + \left[\frac{AT\ IS}{100}\right]$$

AT = 19,000 S.F. (A4 @ TYPE 5B CONSTRUCTION)

SPRINKLED (IS) = 83%

IF = [F/P - 0.25] W/30

F= 368'
P= 804'
W= 30'

IF = [368' / 804' - 0.25] × [30/30]

IF = .20

$$AA = 19{,}000 + \left[\frac{(19{,}000)(20)}{100}\right] + \frac{(19{,}000)(83)}{100}$$

AA = 19,000 + 3,946 + 15,770

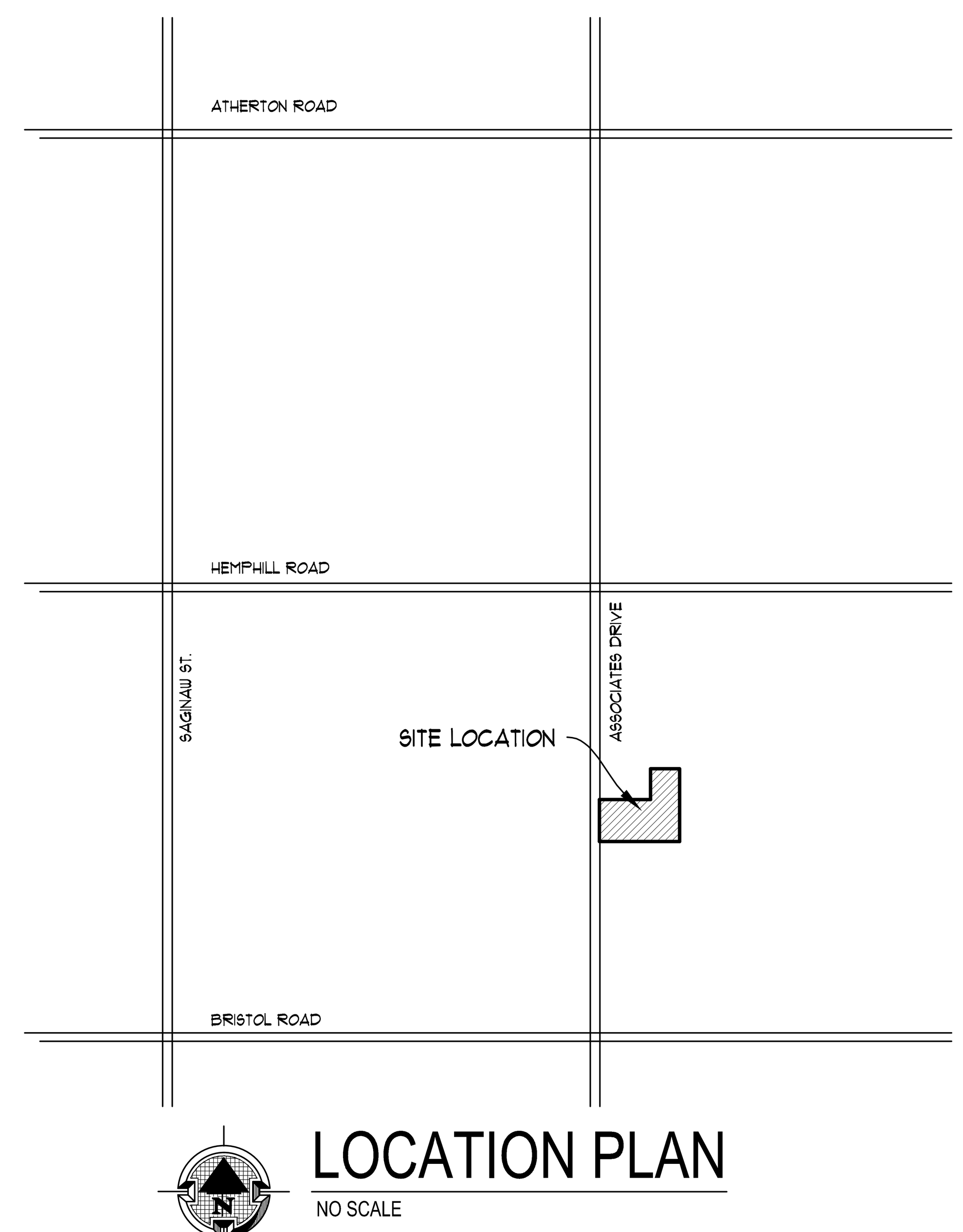
NEW ALLOWABLE AREA = 38,716 S.F.

PARKING REQUIREMENTS:
5 SPACES PLUS ONE SPACE FOR EACH EMPLOYEE
5 EMPLOYEES MAXIMUM

10 SPACES REQUIRED INCLUDING (1) P.H. SPACE
10 SPACES PROVIDED INCLUDING (1) P.H. SPACE

SITE AREA = 32,100 S.F.

FOOTPRINT AREA = 16,020 S.F.
ALLOWABLE AREA = 16,050 S.F. (50%)



LOCATION PLAN
NO SCALE

DRAWING INDEX

COVER SHEET
S1 OVERALL AREA SITE PLAN
S2 EXISTING SITE PLAN
S3 NEW SITE PLAN
S4 SITE UTILITY PLAN
S5 SITE DRAINAGE PLAN
S6 SOIL EROSION PLAN
S7 SOIL EROSION NOTES
S8 LANDSCAPING PLAN
S9 SITE DETAILS
A1 BUILDING FLOOR PLAN
A2 BUILDING ELEVATIONS

G DRAWING INDEX
SCALE: SCALE

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ISSUED FOR	DATE
SITE APPRVL	10.18.17

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10166 N. LINDEN ROAD CLIO MICHIGAN
CELL: (231) 557-3304
EMAIL: RGARCHS@GMAIL.COM

ARCHITECT SIGNATURE:

PROJECT:
SITE PLAN FOR
CULTIVATION CENTER
ADDRESS:
3323 ASSOCTIATES DRIVE
BURTON, MICHIGAN 48098

DRAWN BY: DJM
CHECKED: DJM
SCALE: NONE
DATE: 10.18.17
JOB NUMBER: 20170028
TITLE: COVER
SHEET NUMBER
COVER
OF
SHEET

Attachment: Back up 19-31 (4497 : SPR #19-31)

3302

EXISTING P.P.

EXISTING P.P.

ASSOCIATES DRIVE 60 R.O.W.

3327

3317

3324

3323

3327

3333

ISSUED FOR	DATE
PRELIM	5.22.17

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(248) 969-9045

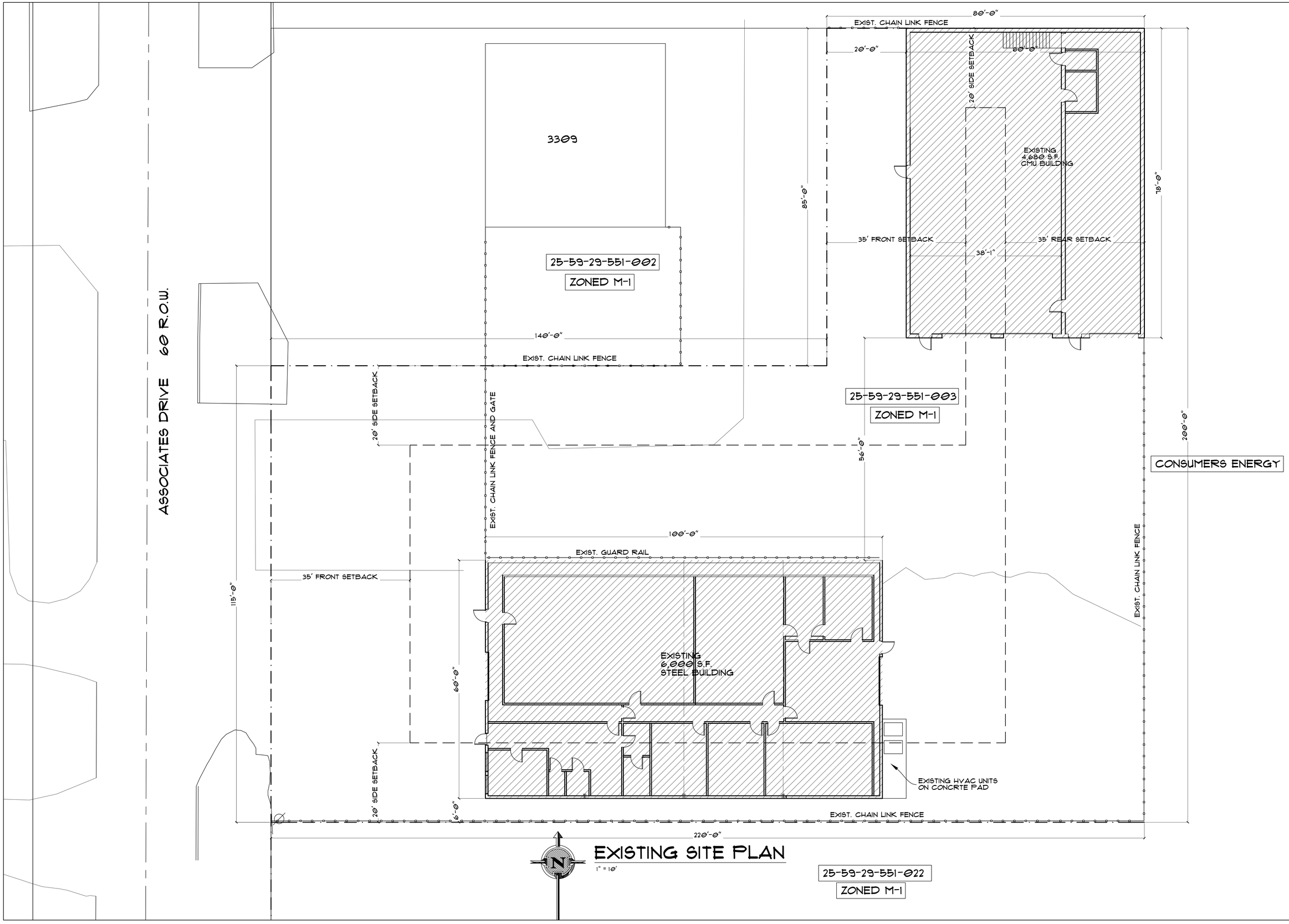
ARCHITECT SIGNATURE:

PROJECT:
SITE PLAN STUDY FOR:
MATT OVADEK

ADDRESS:
3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY:	DJM
CHECKED:	DJM
SCALE:	1" = 20'
DATE:	5.23.17
JOB NUMBER:	20170028
TITLE:	SITE PLAN
SHEET NUMBER	X OF X

Attachment: Back up 19-31 (4497 : SPR #19-31)



EXISTING SITE PLAN

1" = 10'

25-59-29-551-022

ZONED M-1

ISSUED FOR	DATE
PRELIM	5.22.17
SITE APPRVL	10.18.17

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10466 N. UNDERWOOD CLUB MICHIGAN 48420
(231) 937-3324

ARCHITECT SIGNATURE:

PROJECT:
SITE PLAN STUDY FOR:
CULTIVATION CENTER

ADDRESS:
3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY: DJM

CHECKED: DJM

SCALE: 1" = 10'

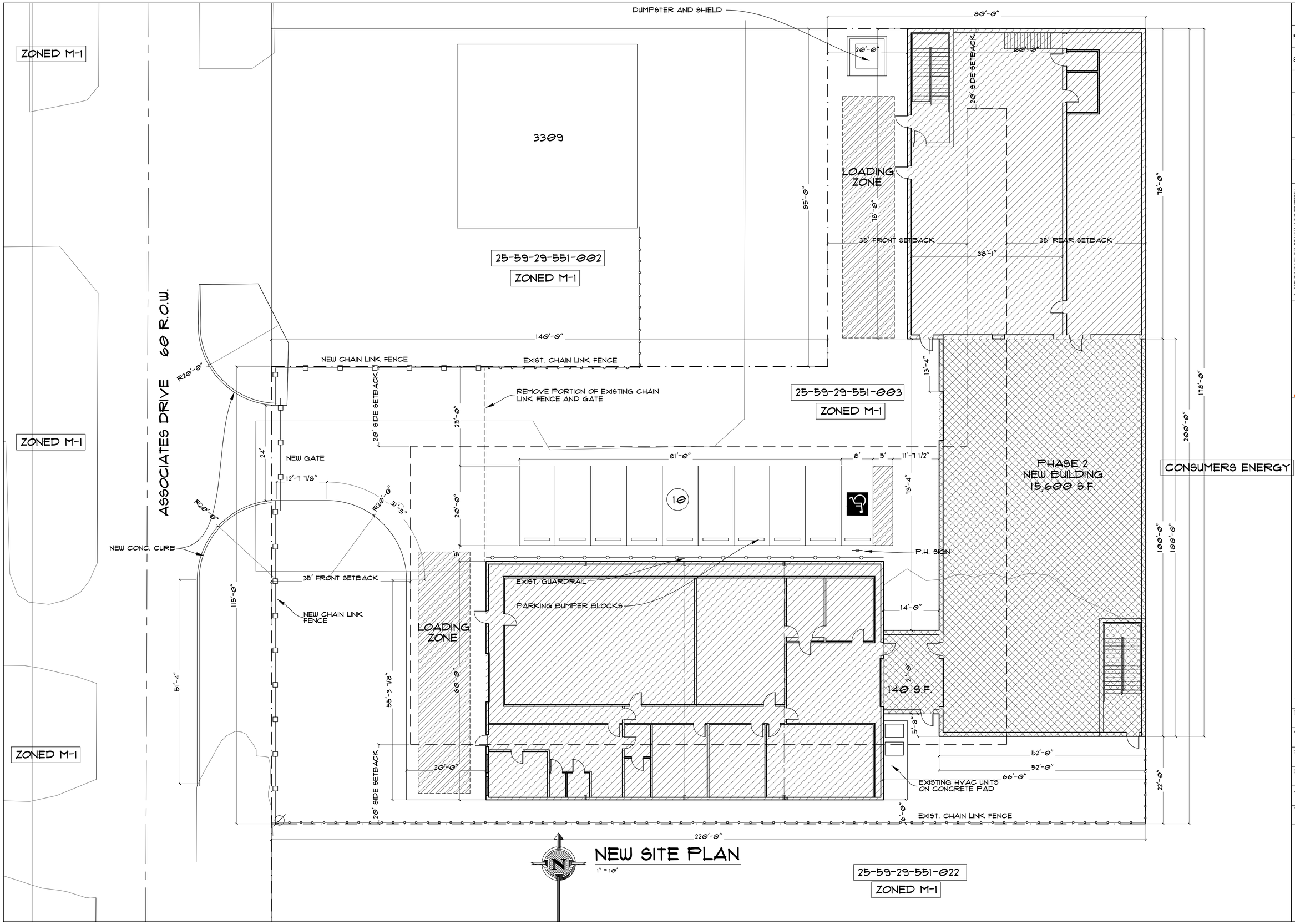
DATE: 10.18.17

JOB NUMBER: 20170028

TITLE: EXIST. SITE

SHEET NUMBER
S2
OF
9

Attachment: Back up 19-31 (4497 : SPR #19-31)



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PRELIM	5.22.17
SITE APPRVL	10.18.17

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ARCHITECT SIGNATURE:

PROJECT:
SITE PLAN STUDY FOR:
CULTIVATION CENTER

ADDRESS:
3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY: DJM
CHECKED: DJM
SCALE: 1" = 10'
DATE: 10.18.17
JOB NUMBER: 20170028
TITLE: NEW SITE

SHEET NUMBER
S3
OF
9

Attachment: Back up 19-31 (4497 : SPR #19-31)

EXISTING CURB INLET

EXISTING HYDRANT

ASSOCIATES DRIVE 60 R.O.W.

EXISTING P.P.

EXISTING P.P.

EXISTING UNDERGROUND POWER

EXISTING GAS LEAD

EXISTING STORM

EXISTING CATCH BASIN

EXISTING OVERHEAD POWER

EXISTING UNDERGROUND STORM

NEW WATER LEAD (SIZED PER SPRINKLER REQMTS)

EXISTING GAS LEAD

EXISTING WELL

NEW HVAC AS REQ'D & EXISTING HVAC UNITS ON CONCRETE PAD

EXISTING 6' SAN. LEAD

EXISTING 18" STORM

EXISTING 2" HP GAS

EXISTING 8" SANITARY

EXISTING 8" WATER MAIN

EXISTING O.H. WIRE

EXISTING BURIED TELEPHONE

60' R.O.W.

N

UTILITY PLAN

1" = 10'

ISSUED FOR	DATE
PRELIM	5.22.17
SITE APPRVL	10.18.17

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(810) 686-9494

ARCHITECT SIGNATURE:

PROJECT:
SITE PLAN STUDY FOR:
CULTIVATION CENTER

ADDRESS:
3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY:	DJM
CHECKED:	DJM
SCALE:	1" = 10'
DATE:	10.18.17
JOB NUMBER:	20170028
TITLE:	UTILITY PLAN

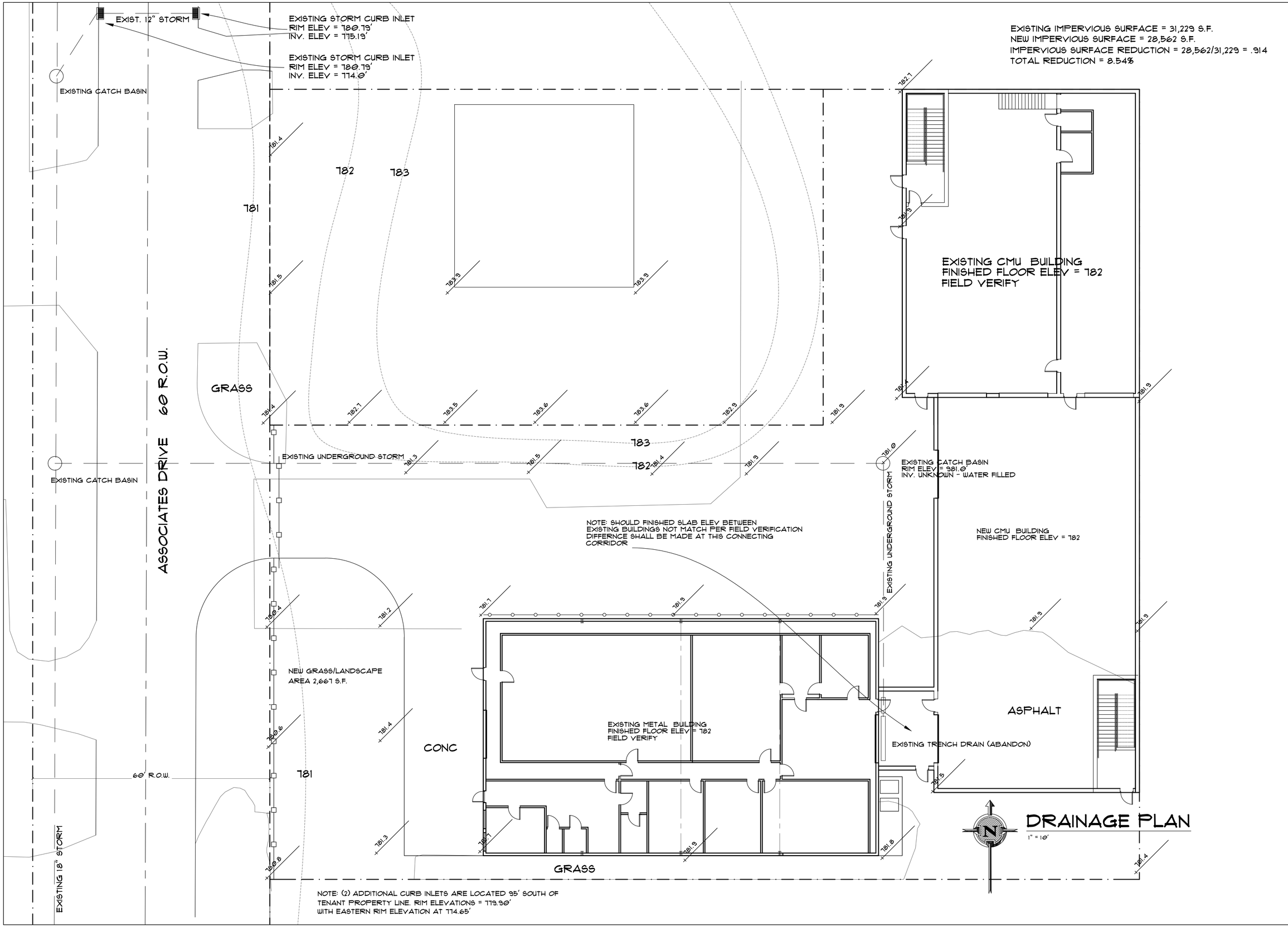
SHEET NUMBER

S4

OF

9

Attachment: Back up 19-31 (4497 : SPR #19-31)



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(231) 937-3324

ARCHITECT SIGNATURE:

PROJECT:
SITE PLAN STUDY FOR:
CULTIVATION CENTER

ADDRESS:
3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY: DJM
CHECKED: DJM
SCALE: 1" = 10'
DATE: 10.18.17
JOB NUMBER: 20170028
TITLE: DRAINAGE

SHEET NUMBER
S5
OF
9

Attachment: Back up 19-31 (4497 : SPR #19-31)

STANDARD NOTES

1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO STANDARDS AND SPECIFICATIONS.
2. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE EFFECTIVENESS OF EROSION AN SEDIMENT CONTROL MEASURES, AND ANY NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT DELAY.
3. EROSION AND ANY SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFFSITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
4. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTING OR SLT OFF THE SITE.
5. CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED AND AS DIRECTED ON THESE PLANS. HE SHALL REMOVE TEMPORARY MEASURES AS SOON AS PERMANENT STABILIZATION OF SLOPES, DITCHES, AND OTHER EARTH CHANGES HAS BEEN ACCOMPLISHED.
6. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND ARE SHALL BE COMPLETE WITH IN 15 CALENDAR DAYS AFTER FINAL GRADING OR THE FINAL EARTH CHANGE HAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER AN EARTH CHANGE HAS BEEN COMPLETED OR WHERE SIGNIFICANT EARTH CHANGE ACTIVITY CEASES, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED WITHIN 30 CALENDAR DAYS. ALL TEMPORARY SOIL EROSION CONTROL MEASURE SHALL BE REMOVED WHEN ALL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND ESTABLISHED BEFORE A CERTIFICATE OF COMPLIANCE IS ISSUED.
7. ALL MUD/DIRT TRACKED ONTO EXISTING CITY/COUNTY ROADS FROM THIS SITE, DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR/BUILDER. ALL MUD/DIRT TRACKED OR SPILLED ON PAVED SURFACES WITHIN THIS SITE SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR/BUILDER.

SOIL EROSION & SEDIMENTATION CONTROL

1. DEVELOPER/PROPERTY OWNER SHALL SUBMIT A DETAILED EROSION CONTROL PLAN AND OBTAIN A SOIL EROSION & SEDIMENTATION CONTROL PERMIT PRIOR TO ANY EARTH CHANGES.
2. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.
3. BORROW AND FILL DISPOSAL AREAS WILL BE SELECTED AND APPROVED AT TIME OF PLAN REVIEW.
4. SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
5. CLEANUP WILL BE DONE IN A MANNER TO INSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
6. THE PROJECT WILL CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES WILL BE CORRECTED BY THE DEVELOPER WITHIN 24 HOURS.
7. TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE DEVELOPER UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES.

CONSTRUCTION SEQUENCE

1. EXCAVATION AND STOCKPILING OF SOIL.
2. IMPLEMENTATION OF TEMPORARY EROSION CONTROL MEASURES: SELECTIVE GRADING, DIVERSIONS AS REQUIRED IN FIELD, PROTECTION OF STORM SEWER FACILITIES.
3. PERIODIC MAINTENANCE OF AFFECTED EROSION CONTROL MEASURES.
4. PERMANENT MEASURES: FINAL GRADING, SEEDING AND MULCHING. SEE UNIFIED KEYING SYSTEM FOR EROSION CONTROL KEY NUMBERS.

ASSOCIATES DRIVE 60 R.O.W.

EXISTING 18" STORM

60' R.O.W.

EXISTING UNDERGROUND STORM

EXISTING CATCH BASIN

LOADING ZONE

CONC

ASPHALT

GRASS

781 781.4 781.5 782 783 782.7 783.5 783.6 783.6 782.9 781.9 781.6 781.7 781.2 780.4 780.6 780.8 781.3 781.1 781.8

16 54 5 4

NOTE: WITH THE EXCEPTION OF CONCRETE AND/OR ASPHALT REMOVAL IN THESE AREAS, NO SITE WORK IS TO BE PERFORMED. NO REGRADING OF ANY TOPOGRAPHY IS TO BE COMPLETED. NO STOCKPILE OF TOPSOIL IS TO BE COMPLETED - ALL CONCRETE AND/OR ASPHALT PAVING IS TO BE REMOVED FROM SITE.

N

SOIL EROSION PLAN

1" = 10'

ISSUED FOR	DATE
PRELIM	5.22.17
SITE APPRVL	10.18.17

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(248) 969-9466

ARCHITECT SIGNATURE:

PROJECT:
SITE PLAN STUDY FOR:
CULTIVATION CENTER

ADDRESS:
3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY:	DJM
CHECKED:	DJM
SCALE:	1" = 10'
DATE:	10.18.17
JOB NUMBER:	20170028
TITLE:	SOIL EROSION
SHEET NUMBER	S6
OF	9

Attachment: Back up 19-31 (4497 : SPR #19-31)

KEY	DETAILS	CHARACTERISTICS	A (SLOPES)	B (STREAMS AND WATERWAYS)	C (SURFACE DRAINAGEWAYS)	D (ENCLOSED DRAINAGE (Inlet & Outfall Control))	E (LARGE FLAT SURFACE AREAS)	F (BORROW AND STOCKPILE AREAS)	G (ADJACENT PROPERTIES)
1	Stripping & Stockpiling Topsoil	Topsoil may be stockpiled above borrow area to act as diversion. Stockpile should be temporarily seeded.	*				*	*	
2	Selective Grading & Stripping	Water can be diverted to minimize erosion. Flatter slopes ease erosion problems.	*				*	*	*
3	Grubbing Omitted	Saves cost of grubbing, provides new sprouts. Retains existing root mat system, reduces wind fall at New forest edge. Discourages equipment entrance	*				*		*
4	Vegetative Stabilization	May utilize a variety of plant material. Stabilizes soil. Slows runoff velocity. Filters sediment from runoff.	*	*	*		*	*	*
5	Seeding	Inexpensive and very effective. Stabilizes soil, thus minimizing erosion. Permits runoff to infiltrate soil reducing runoff volume. Should include prepared topsoil bed.	*		*		*	*	*
6	Seeding with mulch and-or Matting	Facilitates establisment of vegetative cover. Effective for drainageways with low velocity. Easily placed in small quantities by inexperienced personnel. Should include prepared topsoil bed.	*		*			*	*
7	Hydro Seeding	Effective on large areas. Mulch tacking agent used to provide immediate protection until grass is rooted. Should include prepared topsoil bed.	*				*	*	*
8	Sodding	Provides immediate protection. Can be used on steep slopes where seed may be difficult to establish. Easy to place, may be repaired if damaged. Should include prepared topsoil bed.	*		*		*	*	*
9	Vegetative Buffer Strip	Slows runoff velocity. Filters sediment from runoff. Reduces volume of runoff on slopes.	*	*					*
10	Mulching	Used alone to protect exposed areas for short periods. Protects soil from impact of falling rain. Preserves soil moisture and protects germinating seed from temperature extremes.	*				*	*	
11	Roughened Surface	Reduces velocity and increases infiltration rates. Collects sediment. Holds water, seed and mulch better than smooth surface.	*				*		
12	Compaction	Helps hold soil in place, making exposed areas less vulnerable to erosion.	*				*		
13	Riprap, Rubble Gabions	Used where vegetation is not easily established. Effective for high velocities of high concentrations. Permits runoff to infiltrate soil. Dissipates energy flow at system outlets.	*	*	*				
14	Aggregate Cover	Stabilizes soil surface, thus minimizing erosion. Permits construction traffic in adverse weather. May be used as part of permanent base construction of paved areas.					*		
15	Paving	Protects areas which cannot otherwise be protected, but increases runoff volume and velocity. Irregular surface will help slow velocity.	*				*		
16	Curb & Gutter	Keeps high velocity runoff on paved areas from leaving paved surface. Collects and conducts runoff to enclosed drainage system or prepared drainageway.					*		*
17	Benches	Reduces runoff velocity by reducing effective slope length. Collects sediment. Provides access to slopes for seeding, mulching and maintenance.	*					*	
18	Diversion Berm	Diverts water from vulnerable areas. Collects and directs water to perpared drainageways. May be placed as part of normal construction operation.	*					*	*
19	Diversion Ditch	Collects and diverts water to reduce erosion potential. May be incorporated in project permanent drainage	*					*	*
20	Berm & Ditch	Diverts water to prepared drainageway. May be used at intervals across slope face to reduce effective slope length.	*					*	*
21	Filter Berm	Constructed of gravel or stone. Intercepts and diverts runoff to stabilized areas or prepared drainage systems. Slows runoff and collects sediment.	*	*					*
22	Bush Filter	Uses slash and logs from clearing operations. Can be covered and seeded rather than removed. Eliminates need for burying or removal of material from site.							*
23	Bare Channel	Least expensive form of drainage. May be used only where gradient is very low and with soils of minimum erosion potential.			*				

KEY	DETAILS	CHARACTERISTICS	A (SLOPES)	B (STREAMS AND WATERWAYS)	C (SURFACE DRAINAGEWAYS)	D (ENCLOSED DRAINAGE (Inlet & Outfall Control))	E (LARGE FLAT SURFACE AREAS)	F (BORROW AND STOCKPILE AREAS)	G (ADJACENT PROPERTIES)
24	Grassed Waterway	Much more stable form of drainageway than bare channel. Grass tends to slow runoff and filter out sediment. Used where bare channel would be eroded.		*					
25	Slope Drain (Surface Pipe)	Prevents erosion on slopes when runoff connot be diverted to edge of slope area. Usually temporary. Can be constructed or extended as grading progresses	*						
26	Slope Drain (Paved Chute)	Prevents erosion on slopes when runoff cannot be diverted to edge of slope area. Usually permanent. Can be constructed or extended as grading progresses	*						
27	Slope Drain (Surface Pipe)	Prevents erosion on slopes when runoff cannot be diverted to edge of slope area. Usually permament. Can be constructed or extended as grading progresses.	*						
28	Drop Spillway	Slows velocity of flow, reduces erosive capacity.		*	*				
29	Pipe Drop	Reduces runoff velocity. Removes sediment and turbidity. Can be designed to handle large volumes of flow.			*				
30	Pipe Spillway	Removes sediment and turbidity from runoff. May be part of permanent control plan.			*				
31	Energy Dissipator	Slows runoff velocity to non-erosive level. Permits sediment collection from runoff.	*		*	*			
32	Level Spreader	Converts collected channel or pipe flow back to sheet flow. Avoids channel easements and construction off project site. Simple to construct.			*				
33	Sediment Trap	May be constructed of variety of materials. Traps sediment and reduces velocity of flow. Can be cleaned and expanded as needed.		*	*				
34	Sediment Basin	Traps sediment. Releases runoff at non-erosive rates. Controls runoff at system outlets. Can be visual amenities.		*	*	*			
35	Storm Sewer (C.B. / C.B.)	System removes collected runoff from site, particularly from paved areas. Can accept large concentrations of runoff. Conducts runoff to municipal sewer system or stabilized location. Uses catch basins to collect sediment.					*		*
36	Catch Basin, Drain Inlet	Collects high velocity concentrated runoff. May use filter cloth over inlet. May use filter cloth and stone.					*		*
37	Sod Filter	Inexpensive and easy to consruct. Provides immediate protection. Protects areas around inlets from erosion.				*			
38	Straw Bale Filter	Inexpensive and easy to construct. Can be located as necessary to collect sediment. May be used in conjuction with snow fence for added stability.				*			*
39	Rock Filter	Can utilize material found on site. Easy to construct. Filters sediment from runoff.				*			*
40	Inlet Sediment Trap	Easy to shape. Collects sediment. May be cleaned and expanded as needed.				*			
41	Stone and Rock Crossing	May be rock or clean rubble. Minimizes stream turbidity. Inexpensive. May also serve as ditch check or sediment trap.		*					
42	Temporary Culvert	Eliminates stream turbulence and turbidity. Provides unobstructed passage for fish and other water life. Capacity for normal flow can be provided with storm water flowing over roadway.		*					
43	Culvert Sediment Trap	Easy to install at inlet. Keeps culvert clean and free flowing. May be constructed of lumber or logs.		*					*
44	Jetty	Deflects currents away from streambank areas.		*					
45	Temporary Stream Channel Change	New channel keeps normal flows away from construction. Requires State Permit.		*					
46	Sheet Pilings	Protects erodible bank areas from stream currents during construction. Minimal disruption when removed.		*					

KEY	DETAILS	CHARACTERISTICS	A (SLOPES)	B (STREAMS AND WATERWAYS)	C (SURFACE DRAINAGEWAYS)	D (ENCLOSED DRAINAGE (Inlet & Outfall Control))	E (LARGE FLAT SURFACE AREAS)	F (BORROW AND STOCKPILE AREAS)	G (ADJACENT PROPERTIES)
47	Cofferdam (Trench)	Work can be continued during most anticipated stream conditions. Clear water can be pumped directly back into stream.		*					
48	Construction Dam (Trench)	Permits work to continue during normal stream stages. Controlled flooding can be accomplished during periods of inactivity.		*					
49	Check Dams	Reduces flow velocity. Catches sediment. Can be constructed of logs, straw, hay, rock, lumber, masonry or sand bags.		*	*				
50	Weir	Controls sedimentation in large streams. Causes minimal turbidity.		*	*				
51	Retaining Wall	Reduces gradient where slopes are extremely steep. Permits retention of existing vegetation, keeping soil stable in critical areas. Minimal maintenance.	*						*
52	Seepage Control	Prevents piping and soil slippage on cut slopes.	*						*
53	Windbreak	Minimizes wind erosion. May be a snow fence.					*		
54	Silt Fence	Geotextile fabric and posts and/or poles. Easy to construct and locate as necessary.	*		*		*		*

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

	2017										2018											
	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
STRIP AND STOCKPILE TOPSOIL					NOT APPLICABLE																	
ROUGH GRADE/SEDIMENT CONTROL													■									
TEMPORARY CONTROL MEASURES													■									
STORM FACILITIES					NOT APPLICABLE																	
TEMPORARY CONSTRUCTION OF ROADS					NOT APPLICABLE																	
FOUNDATION/BUILDING CONSTRUCTION													■	■	■							
SITE CONSTRUCTION															■							
PERMANENT CONTROL MEASURES														■	■							
FINISH GRADING															■							
LANDSCAPING															■							

SOIL EROSION & SEDIMENTATION CONTROL

1. DEVELOPER/PROPERTY OWNER SHALL SUBMIT A DETAILED EROSION CONTROL PLAN AND OBTAIN A SOIL EROSION & SEDIMENTATION CONTROL PERMIT PRIOR TO ANY EARTH CHANGES.
2. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.
3. BORROW AND FILL DISPOSAL AREAS WILL BE SELECTED AND APPROVED AT TIME OF PLAN REVEIW.
4. SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
5. CLEANUP WILL BE DONE IN A MANNER TO INSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
6. THE PROJECT WILL CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES WILL BE CORRECTED BY THE DEVELOPER WITHIN 24 HOURS.
7. TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE DEVELOPER UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES.

CONSTRUCTION SEQUENCE

1. EXCAVATION AND STOCKPILLING OF SOIL.
2. IMPLEMENTATION OF TEMPORARY EROSION CONTROL MEASURES; SELECTIVE GRADING, DIVERSIONS AS REQUIRED IN FIELD, PROTECTION OF STORM SEWER FACILITIES.
3. PERIODIC MAINTENANCE OF AFFECTED EROSION CONTROL MEASURES.
4. PERMANENT MEASURES; FINAL GRADING, SEEDING AND MULCHING.
   SEE UNIFIED KEYING SYSTEM FOR EROSION CONTROL KEY NUMBERS.

DNR STREAM CROSSING NOTES

CONSTRUCTION OF STREAM CROSSINGS SHALL BE SUBJECT TO THE SPECIFICATIONS FOR PROTECTION OF NATURAL RESOURCES AT UTILITY CROSSINGS AS GIVEN IN THE ADMINISTRATIVE RULES FOR ACT 346 (RULES 24 THROUGH 29).

A SITUATION BARRIER SHALL BE CONSTRUCTED IMMEDIATELY DOWNSTREAM OF THE CONSTRUCTION SITE PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. (SEE MICHIGAN UNIFIED KEYING SYSTEM FOR SPECIFIED BARRIER) THE SILTATION BARRIER SHALL BE MAINTAINED IN GOOD WORKING ORDER THROUGHOUT THE DURATION OF THE PROJECT.

BACKFILL SHALL CONSIST OF INERT MATERIALS WHICH WILL NOT CAUSE SILTATION NOR CONTAIN SOLUBLE CHEMICALS OF ORGANIC MATTER WHICH IS BIODEGRADABLE. ALL FILL SHALL BE CONTAINED IN SUCH A MANNER SO AS NOT TO ERODE INTO ANY WATERCOURSE.

ALL RAW BANKS SHALL BE STABILIZED WITH RIPRAP TO THREE FEET ABOVE THE ORDINARY HIGH WATER MARK, THEN SEEDED, FERTILIZED AND MULCHED, OF SODDED TO PREVENT EROSION.

UPON PROJECT COMPLETION THE EXCESS SPOILS SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED UPLAND SITE.

SILTATION BARRIER MAY BE REMOVED UPON PLACEMENT OF PERMANENT EROSION CONTROL MEASURES.

MICHIGAN UNIFIED KEYING SYSTEM

ISSUED FOR	DATE
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SITE PLAN FOR
CULTIVATION CENTER

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3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY: DJM
CHECKED: DJM
SCALE: NONE
DATE: 10.18.17
JOB NUMBER: 20170028
TITLE: SOIL NOTES

SHEET NUMBER
S7
OF
9

Attachment: Back up 19-31 (4497 : SPR #19-31)

EVERGREEN TREE NOTES

EVERGREEN TREE- GROUND LINE TO BE THE SAME AS EXISTED AT THE NURSERY

GARDEN HOSE

3 GUYS OF 10 GAUGE TWISTED WIRE 120° APART-AROUND TREE

TURNBUCKLE

4" SOIL SAUCER

24" X 2"X2" STAKE DRIVEN FLUSH WITH FINISHED GRADE

DECIDUOUS TREE NOTES

DECIDUOUS TREE-PRUNE BACK 1/4" ON-SITE SPRAY WITH ANTIDESICCANT ACCORDING TO MANUFACTURER'S INSTRUCTIONS-IF FOLIAGE IS PRESENT, DOUBLE STRAND OF 10 GAUGE GALVANIZED WIRE TWISTED

2 1/2" DIA.-10' LONG CEDAR STAKE WITH NOTCHED END (7' EXPOSED)-2 PER TREE

FOLD BACK BURLAP FROM TOP OF BALL

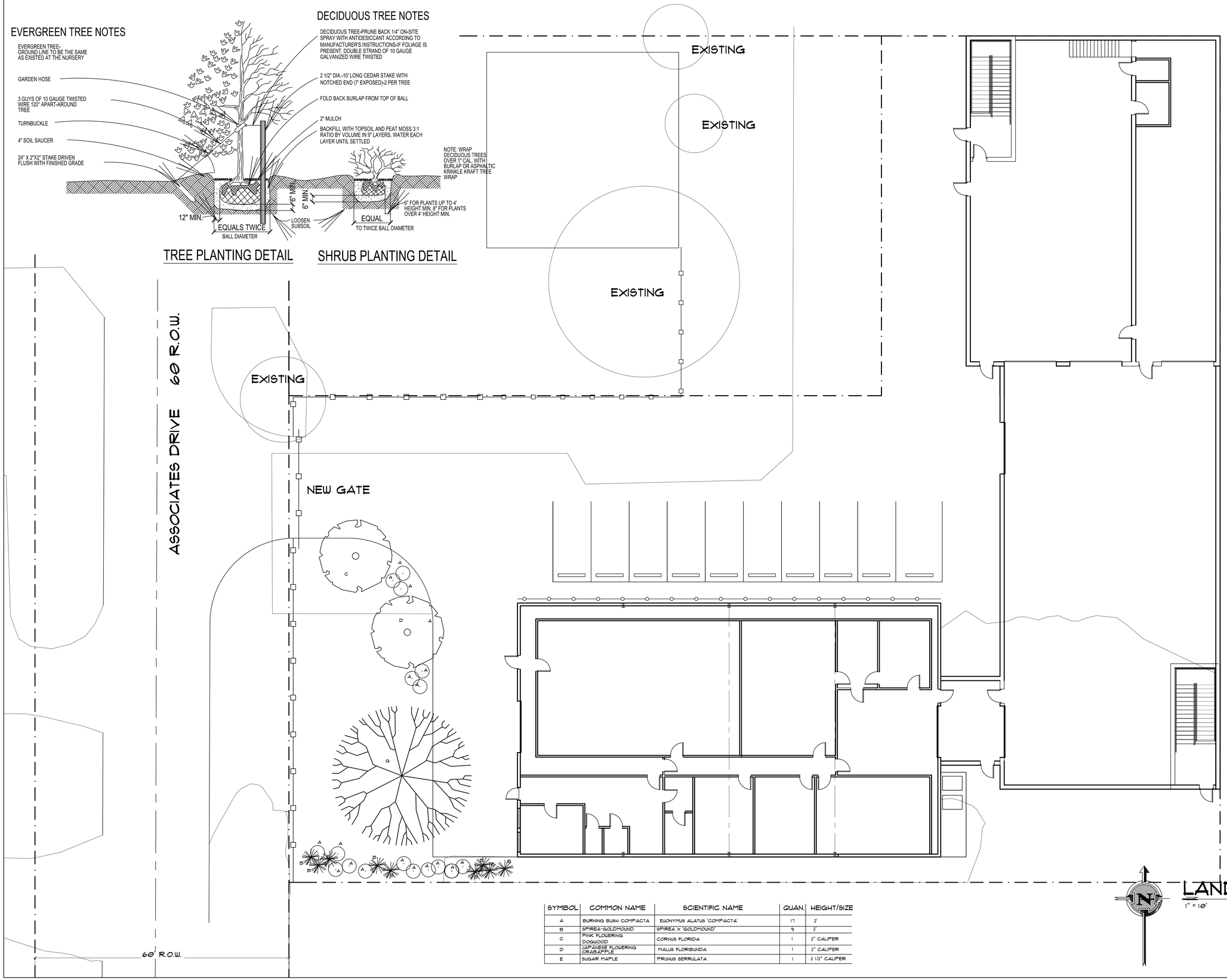
2" MULCH

BACKFILL WITH TOPSOIL AND PEAT MOSS 3:1 RATIO BY VOLUME IN 9" LAYERS. WATER EACH LAYER UNTIL SETTLED

NOTE: WRAP DECIDUOUS TREES OVER 1" CAL. WITH BURLAP OR ASPHALTIC KRINKLE KRAFT TREE WRAP

TREE PLANTING DETAIL

SHRUB PLANTING DETAIL



SYMBOL	COMMON NAME	SCIENTIFIC NAME	QUAN.	HEIGHT/SIZE
A	BURNNG BUSH COMPACTA	EUONYMUS ALATUS 'COMPACTA'	17	2'
B	SPIREA-GOLDMOUND	SPIREA X 'GOLDMOUND'	9	2'
C	PINK FLOWERING DOGWOOD	CORNUS FLORIDA	1	2" CALIPER
D	JAPANESE FLOWERING CRABAPPLE	MALUS FLORIBUNDA	1	2" CALIPER
E	SUGAR MAPLE	PRUNUS SERRULATA	1	2 1/2" CALIPER

LANDSCAPE PLAN

1" = 10'

ISSUED FOR	DATE
PRELIM	5.22.17
SITE APPRVL	10.18.17

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12466 N. LAKE RD. CLIO, MICHIGAN 48420
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SITE PLAN STUDY FOR:
CULTIVATION CENTER

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3323 ASSOCIATES DRIVE
BURTON, MICHIGAN

DRAWN BY:	DJM
CHECKED:	DJM
SCALE:	1" = 10'
DATE:	10.18.17
JOB NUMBER:	20170928
TITLE:	LANDSCAPING

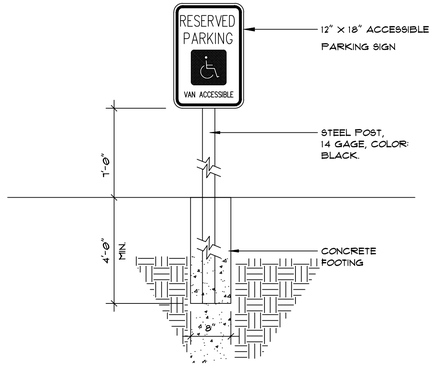
SHEET NUMBER

S8

OF

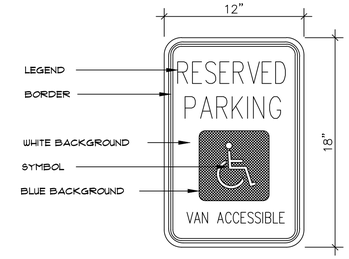
9

Attachment: Back up 19-31 (4497 : SPR #19-31)



1 ACCESSIBLE SIGN INSTALLATION

NO SCALE

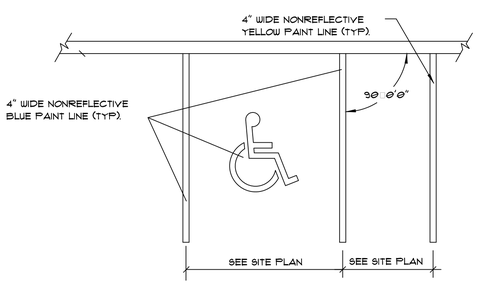


NOTES

1. PLACE ONE ACCESSIBLE SIGN PER ACCESSIBLE PARKING SPACE.
2. ALL SIGNS SHALL BE ALUMINUM PLATED.
3. SIGN COLORS:
   ARROW, LEGEND AND BORDER - GREEN
   SYMBOL - WHITE ON BLUE BACKGROUND
   BACKGROUND - WHITE
4. SEE ACCESSIBLE STRIPING DETAILS FOR PLACEMENT.
5. VAN ACCESSIBLE SPACE REMOVE ARROW AND REPLACE WITH "VAN ACCESSIBLE".

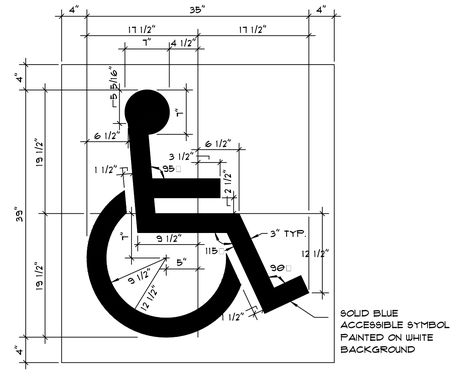
2 ACCESSIBLE SIGN DETAIL

NO SCALE



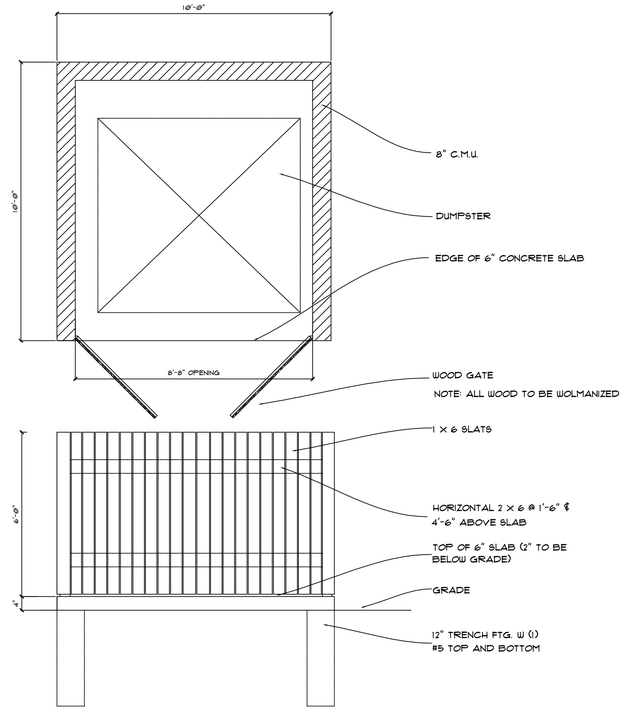
3 PAVEMENT STRIPING

NO SCALE



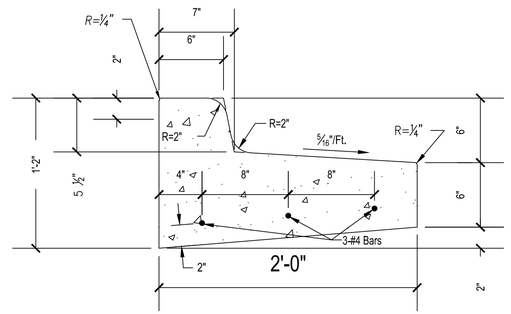
4 PAINTED ACCESSIBLE PARKING SYMBOL

NO SCALE



7 DUMPSTER DETAILS

NO SCALE



Type "B - Dry" Curb

NOTE: in transitions, water shall flow from the gutter of Type "B" curb to the lip of Type "B-Dry" curb at 0.5% min. slope.

9 CURB DETAIL

NO SCALE

ISSUED FOR	DATE
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CHECKED:	DJM
SCALE:	NONE
DATE:	10.18.17
JOB NUMBER:	20170028
TITLE:	DETAILS

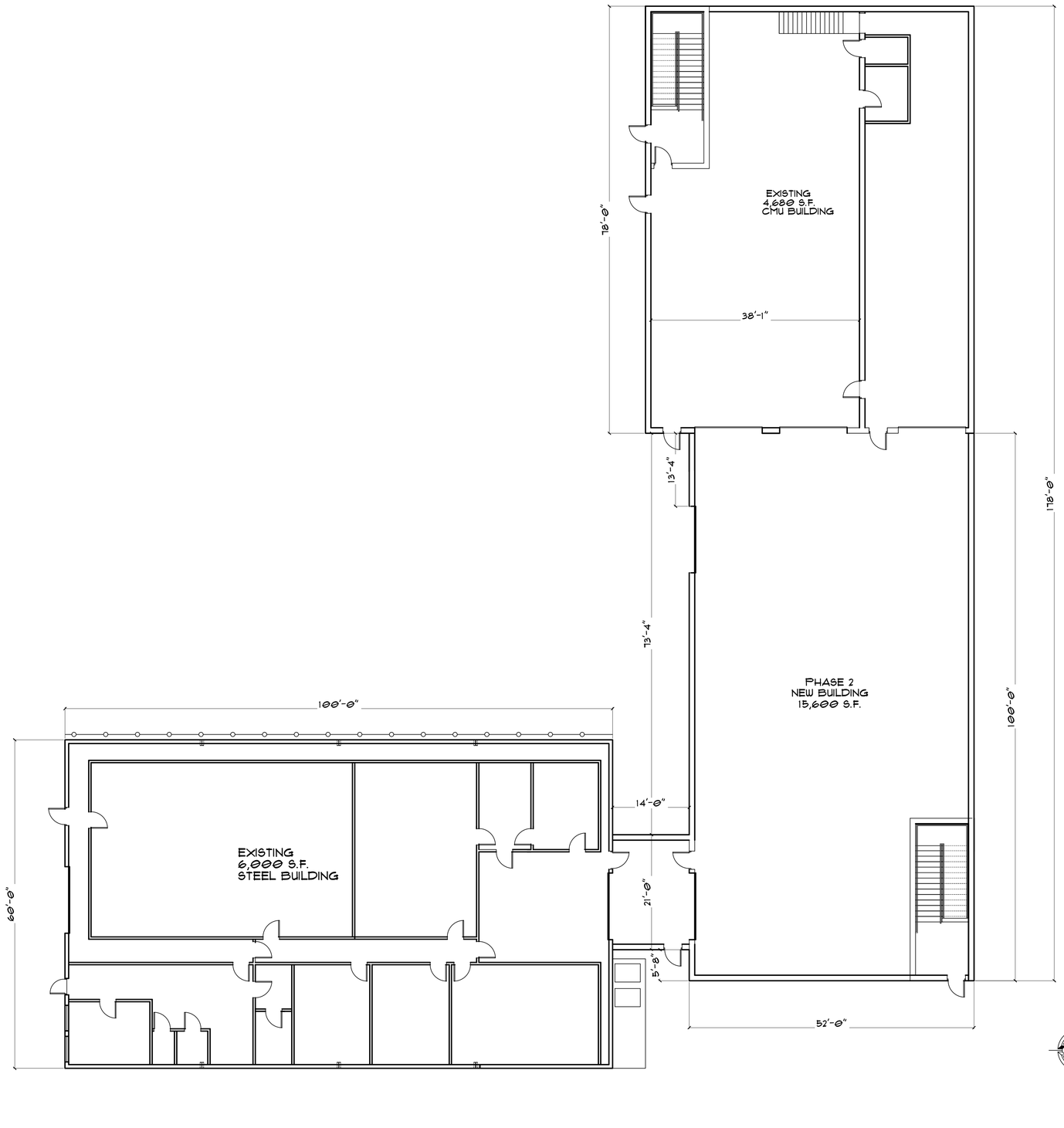
SHEET NUMBER

S9

OF

9

Attachment: Back up 19-31 (4497 : SPR #19-31)



FLOOR PLAN

NO SCALE

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SITE APPRVL	10.18.17

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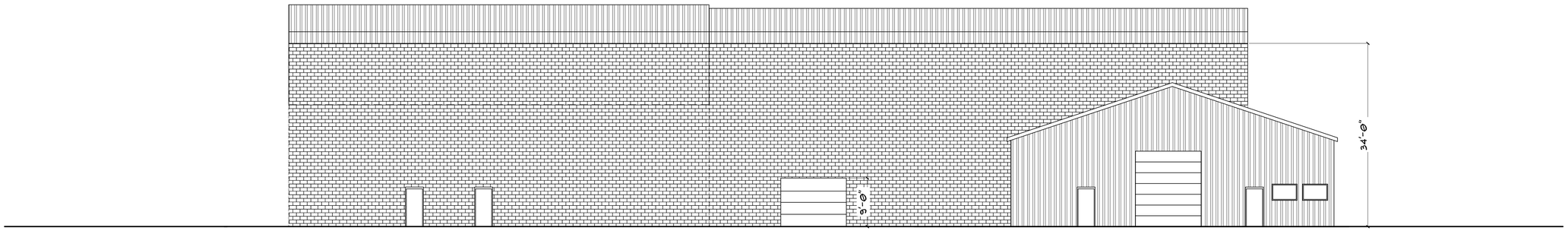
CHECKED: DJM
SCALE: NONE
DATE: 10.18.17
JOB NUMBER: 20170028
TITLE: FLOOR PLAN

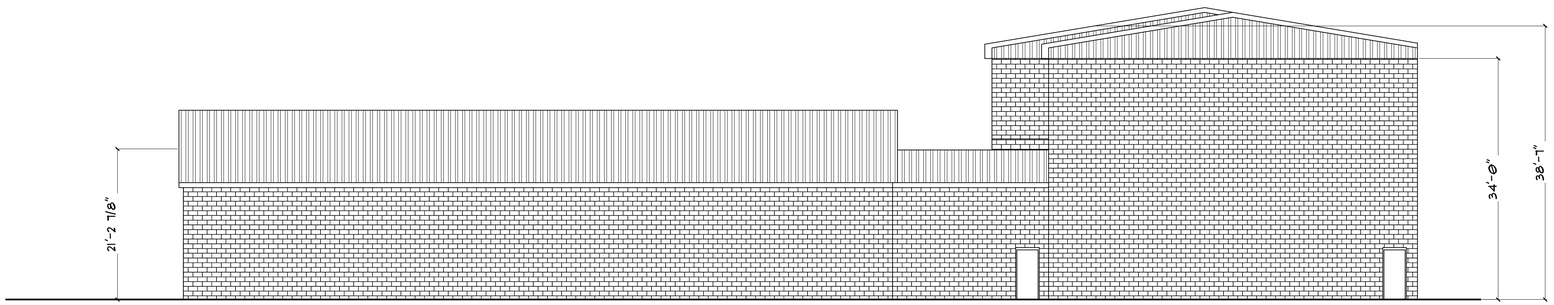
SHEET NUMBER
A1
OF
2

Attachment: Back up 19-31 (4497 : SPR #19-31)



FRONT (WEST) ELEVATION

NO SCALE



SIDE (SOUTH) ELEVATION

NO SCALE

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PRELIM	5.22.17
SITE APPRVL	10.18.17

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BURTON, MICHIGAN

DRAWN BY: DJM
CHECKED: DJM
SCALE: NONE
DATE: 10.18.17
JOB NUMBER: 20170028
TITLE: ELEVATIONS

SHEET NUMBER
A2
OF
2

Attachment: Back up 19-31 (4497 : SPR #19-31)

SPR #19-27

By: Swan Chiropractic
1371 N. Belsay Rd.
Burton, MI 48509

Re: 1371 N. Belsay Rd. Burton, MI 48509

For: Chiropractic Office

ATTACHMENTS:

- Back up 19-27 (PDF)

City of Burton
Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230

APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 6-27-19

FEE: $75.00

RECEIPT NO: _____

CHECK NO: _____

SPR #: 19-27

PLEASE PRINT

DATE: 6-27-19

APPLICANTS NAME: Swan Chiropractic / Dr Swan

APPLICANTS ADDRESS: 1371 N Balsay Rd

APPLICANTS PHONE NO: 810 658 7926 (O) 810 516-8904 (C)

PROPOSED NAME OF BUSINESS: Swan Chiropractic

SITE ADDRESS: 1371 N Balsay Rd

SUBDIVISION & LOT # OR PARCEL NUMBER: _____

TYPE: ☑ CHANGE OF OWNERSHIP/USE ☑ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: Chiropratic Office

SQ FOOTAGE OF PROPERTY: ~~1900~~ 100' x 200' = 20000

SQ FOOTAGE OF STRUCTURE: 1900

NUMBER OF EMPLOYEES/SEATS: 3

APPLICANTS SIGNATURE: Shawn E. Swan DC

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-27 (4493 : SPR #19-27)

SPR #19-28

By: Tiara Hoffman
5076 Roberts Dr.
Flint, MI 48506

Re: 4067 E. Court St.

For: Salon

ATTACHMENTS:

- Back up 19-28 (PDF)

City of Burton
Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230

APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 7-8-19

FEE: $75.00

RECEIPT NO: 98

CHECK NO: 617

SPR #: 19-28

PLEASE PRINT

DATE: 7-8-19

APPLICANTS NAME: Tiara Huffman

APPLICANTS ADDRESS: 5076 Roberts Dr. Flint, Mi. 48506

APPLICANTS PHONE NO: 810-449-4848

PROPOSED NAME OF BUSINESS: Tiara and Company

SITE ADDRESS: 4067 E. Court St Burton. Mi-48509.

SUBDIVISION & LOT # OR PARCEL NUMBER: Suite 8 and 9.

TYPE: ☒ CHANGE OF OWNERSHIP/USE ☐ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: Salon

SQ FOOTAGE OF PROPERTY: 1200

SQ FOOTAGE OF STRUCTURE:

NUMBER OF EMPLOYEES/SEATS: 4.

APPLICANTS SIGNATURE: Tiara Huffman

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-28 (4494 : SPR #19-28)

SPR #19-29

By: First Storage One
4258 Somers Dr.
Burton, MI 48529

Re: 4258 Somers Dr. Burton, MI 48529

For: Parking Lot Addition