

GENOA CHARTER TOWNSHIP BOARD
Public Hearing and Regular Meeting
April 15, 2019
6:30 p.m.

AGENDA

Call to Order:

Pledge of Allegiance:

Call to the Public (Public comment will be limited to two minutes per person)*:

Approval of Consent Agenda:

1. Payment of Bills.
2. Request to Approve Minutes: April 1, 2019

Approval of Regular Agenda:

3. Public hearing for the Edwin Drive Road Maintenance Project (Summer 2019).
 - A. Call to the Property Owners.
 - B. Call to the Public.
 - C. Request for approval of Resolution #3 [approving the project cost estimates, special assessment district and causing the special assessment roll to be prepared] for the Edwin Drive Road Maintenance Project (Summer 2019).
 - D. Request for approval of Resolution #4 [acknowledging the filing of the special assessment roll, scheduling the second hearing, and directing the issuance of statutory notices] for the Edwin Drive Road Maintenance Project (Summer 2019).
4. Consideration of request from the Genoa Township Election Commission for approval of poll workers scheduled to work the May 7, 2019 election and other election-related items as requested by the Clerk.
5. Introduction, first reading and authorization of statutory notice for a public hearing on May 6, 2019 of a proposed rezoning (ordinance no. Z-19-01) concerning approximately 10.62 acres located at 2528 Harte Drive, Brighton for parcel #4711-13-300-009. The requested rezoning is from General Commercial District (GCD) to Industrial (IND) with a Planned Industrial District (PID) overlay. The request is petitioned by James Pappas of Fusco, Shaffer and Pappas, Inc.
6. Consideration of a recommendation for approval of an environmental impact assessment for a proposed 6,225 sq. ft. addition and parking lot expansion to the existing Transtar Autobody Technologies facility located at 2040 Heiserman Drive. The request is petitioned by ACS Build, Inc.
 - A. Disposition of Environmental Impact Assessment (3-20-19)

7. Request for approval of a proposal in the amount of \$10,800 from Tetra Tech for topographic survey and geotechnical investigation related to drainage issues at Dillon and State streets.
8. Discussion regarding site preparation for and installation of a basketball court at the Genoa Park.

Correspondence
Member Discussion
Adjournment

***Citizen's Comments-** In addition to providing the public with an opportunity to address the Township Board at the beginning of the meeting, opportunity to comment on individual agenda items may be offered by the Chairman as they are presented.

CHECK REGISTERS FOR TOWNSHIP BOARD MEETING

DATE: April 15, 2019

TOWNSHIP GENERAL EXPENSES: Thru April 15, 2019	\$40,685.96
April 5, 2019 Bi Weekly Payroll	\$95,912.17
OPERATING EXPENSES: Thru April 15, 2019	\$98,192.95
TOTAL:	<u>\$234,791.08</u>

Check Date	Check	Vendor Name	Amount
Bank FNBACK CHECKING ACCOUNT			
03/28/2019	35151	DELUXE FOR BUSINESS	163.52
03/28/2019	35152	DYKEMA GOSSETT, PLLC	4,095.00
03/28/2019	35153	W4 SIGNS	75.00
04/01/2019	35154	POSTMASTER	821.61
04/01/2019	35155	COOPER'S TURF MANAGEMENT LLC	1,650.00
04/01/2019	35156	MEI TOTAL ELEVATOR SOLUTIONS	119.60
04/01/2019	35157	MICHIGAN OFFICE SOLUTIONS	7,500.00
04/01/2019	35158	PERFECT MAINTENANCE CLEANING	565.00
04/01/2019	35159	PRINTING SYSTEMS	959.74
04/01/2019	35160	TRI COUNTY SUPPLY, INC.	30.78
04/02/2019	35161	ECON DEV. COUNCIL OF LIVINGSTON CO	23,283.09
04/02/2019	35162	MICHIGAN ASSOC. OF PLANNING	150.00
04/05/2019	35163	CONTINENTAL LINEN SERVICE	122.02
04/05/2019	35164	DTE ENERGY	129.81
04/05/2019	35165	DTE ENERGY	34.26
04/05/2019	35166	GORDON FOOD SERVICE	182.78
04/05/2019	35167	MASTER MEDIA SUPPLY	298.39
04/05/2019	35168	MICHIGAN OFFICE SOLUTIONS	149.34
04/05/2019	35169	MICHAEL ARCHINAL	152.26
04/05/2019	35170	BRIAN LAHAIE	75.00
04/05/2019	35171	TERRY CROFT	128.76

FNBACK TOTALS:

Total of 21 Checks:	40,685.96
Less 0 Void Checks:	0.00
Total of 21 Disbursements:	<u>40,685.96</u>

For Check Dates 04/05/2019 to 04/05/2019

Check Date	Bank	Check Number	Name	Check Gross	Physical Check Amount	Direct Deposit	Status
04/05/2019	FNBCK	EFT326	FLEX SPENDING (TASC)	1,032.12	1,032.12	0.00	Open
04/05/2019	FNBCK	EFT327	INTERNAL REVENUE SERVICE	22,698.71	22,698.71	0.00	Open
04/05/2019	FNBCK	EFT328	PRINCIPAL FINANCIAL	3,286.00	3,286.00	0.00	Open
04/05/2019	FNBCK	EFT329	PRINCIPAL FINANCIAL	2,063.65	2,063.65	0.00	Open

Totals: Number of Checks: 004 29,080.48 29,080.48 0.00

Total Physical Checks:
Total Check Stubs:

4

Dir. Dep.
66,831.69
\$95,912.17

Check Date	Check	Vendor Name	Amount
Bank 593FN LAKE EDGEWOOD OPERATING FUND #593			
03/29/2019	3568	CONSUMERS ENERGY	162.69
03/29/2019	3569	GENOA TOWNSHIP D.P.W. FUND	1,022.95
04/04/2019	3570	CHARTER TOWNSHIP OF BRIGHTON	932.50
04/04/2019	3571	CITY OF BRIGHTON UTILITY BILL	23,542.44
04/04/2019	3572	DTE ENERGY	3,289.49
593FN TOTALS:			
Total of 5 Checks:			28,950.07
Less 0 Void Checks:			0.00
Total of 5 Disbursements:			28,950.07

Check Date	Check	Vendor Name	Amount
Bank 595FN PINE CREEK OPERATING FUND #595			
03/28/2019	2210	GENOA TOWNSHIP D.P.W. FUND	3,562.86
04/04/2019	2211	CITY OF BRIGHTON UTILITY BILL	42,991.49
595FN TOTALS:			
Total of 2 Checks:			46,554.35
Less 0 Void Checks:			0.00
Total of 2 Disbursements:			46,554.35

Check Date	Check	Vendor Name	Amount
Bank 592FN OAK POINTE OPERATING FUND #592			
04/02/2019	4547	BRIGHTON ANALYTICAL , L.L.C.	185.00
04/04/2019	4548	DTE ENERGY	1,961.69
04/04/2019	4549	DTE ENERGY	2,474.62
592FN TOTALS:			
Total of 3 Checks:			4,621.31
Less 0 Void Checks:			0.00
Total of 3 Disbursements:			4,621.31

Check Date	Check	Vendor Name	Amount
Bank 503FN DPW-UTILITIES #503			
03/26/2019	4602	GREG TATARA	700.00
03/28/2019	4603	LINDSAY BUGEJA	201.76
03/28/2019	4604	KIM LANE	15.26
04/02/2019	4605	MICHIGAN OFFICE SOLUTIONS	17,000.00
04/05/2019	4606	A.K. SERVICES	150.00
503FN TOTALS:			
Total of 5 Checks:			18,067.02
Less 0 Void Checks:			0.00
Total of 5 Disbursements:			18,067.02

GENOA CHARTER TOWNSHIP BOARD

Public Hearing and Regular Meeting

April 1, 2019

MINUTES

Supervisor Rogers called the regular meeting of the Genoa Charter Township Board to order at 6:30 p.m. with the Pledge of Allegiance. The following members were present constituting a quorum for the transaction of business: Bill Rogers, Robin Hunt, Jim Mortensen, Terry Croft, Diana Lowe and Jean Ledford. Also present were Township Manager Michael Archinal and one person in the audience.

A Call to the Public was made with no response.

Approval of the Consent Agenda:

Moved by Mortensen and supported by Lowe to move items one and two from the consent agenda to the regular agenda for further discussion. The motion carried unanimously.

Approval of the Regular Agenda:

Moved by Lowe and supported by Hunt to approve the regular agenda with the addition of items one and two. The motion carried unanimously.

1. Payment of Bills.

Mortensen questioned a payment to Public Financial Management. Hunt: This firm does the State of Michigan audit for our debt.

Mortensen questioned check #35121. Hunt: That check was for a transfer to Future Development Roads at \$500,000 which was voided and replaced by two separate checks for \$200,000 and \$300,000.

Mortensen questioned a payment to NeoFunds. Hunt: That payment was for postage for the last newsletter.

Moved by Mortensen and supported by Lowe to approve the Payment of Bills.

2. Request to Approve Minutes: March 18, 2019

Moved by Mortensen and supported by Hunt to approve the minutes with the deletion of the last paragraph under Item #8 and replacing it with, "The Regular Meeting re-opened at 8:01 p.m. and Adjourned at 8:02 p.m.

3. Request for approval of Resolution No. 1 (to proceed with the project and direct preparation of the plans and cost estimates) for Edwin Drive Road Maintenance Project (Summer 2019)

Manager Archinal gave a brief overview of the project which will include the placement of 204 tons of asphalt millings and a five-year maintenance plan including grading, chloride and snow plowing.

Moved by Lowe and supported by Mortensen to approve Resolution #1. The motion carried by roll call vote as follows: Ayes – Croft, Hunt, Ledford, Lowe, Mortensen and Rogers. Nays – None. Absent - Skolarus.

4. Request for approval of Resolution No. 2 (to approve the project, schedule the first hearing, and direct issuance of statutory notices) for the Edwin Drive Road Maintenance Project (Summer 2019).

Moved by Hunt and supported by Croft to approve Resolution #2. The motion carried by roll all vote as follows: Ayes – Hunt, Ledford, Lowe, Mortensen, Rogers and Croft. Nays – None. Absent – Skolarus.

5. Request for approval of a partnership with the Economic Development Council and Livingston County in the amount of \$23,283.09

Ledford asked if this request was an increase over last year. Hunt responded that last year's request was for \$22,939.

Moved by Mortensen and supported by Lowe to approve the contract as requested. The motion carried unanimously.

6. Discussion regarding future uses for the Genoa Charter Township Park.

The Township Board directed the Manager to bring back a proposal for a basketball court in the location specified without lights. The intent was to include grading for a second court. The discussion regarding fencing was not definitive.

Correspondence

A notice of changes to the Chart of Accounts as required by the State of Michigan was received.

Minutes from the Cromaïne Library were received.

Member Discussion

Trustee Ledford mentioned national media coverage of changes to recycling markets and processes.

The meeting adjourned at 7:29 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael C. Archinal". The signature is fluid and cursive, with a large loop at the end.

Michael C. Archinal, Manager

Genoa Charter Township

Resolution No. 3-Edwin Drive Road Improvement Project
Reimbursement Special Assessment Project (Summer 2019 Tax Roll)

Genoa Charter Township

At a regular meeting of the Township Board of Genoa Charter Township, Livingston County, Michigan, (the "Township") held at the Township Hall on April 15, 2019, at 6:30 p.m., there were

PRESENT:

ABSENT: None

The following preamble and resolution were offered by _____ and seconded by _____

Resolution Approving Project, Cost Estimates, Special Assessment District and Causing the Special Assessment Roll to be Prepared

WHEREAS, preliminary plans and cost estimates for the Project have been filed with the Township;

WHEREAS, the Township Board has tentatively determined to proceed with the Project as described in Exhibit A and in accordance with Act No. 188, Michigan Public Acts of 1954, as amended;

WHEREAS, The Board of Trustees of the Township has declared its intention to make the improvement and tentatively designated the special assessment district against which the cost of the improvement Edwin Drive Road Improvement Project 2019 is to be assessed is described in Exhibit B.

WHEREAS, on April 15, 2019 a public hearing was held to hear any objections to the Edwin Drive Road Improvement Project and to the special assessment district and notice of the hearing was provided pursuant to the requirements of Act No 188, Michigan Public Acts of 1954, as amended;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township Board approves the completion of the Project and approves the plans and cost estimates for the Project, which are on file with the Township Clerk and which are identified as "Plans and Cost Estimates for the Edwin Drive Road Improvement Project and Reimbursement Special Assessment Project (Summer 2019 Tax Roll)."

2. The Township Board approves the sufficiency of the Petition for the improvement.

3. The Township Board determines that the Special Assessment District for the Project shall consist of the parcels identified in Exhibit B. The term of the Special Assessment District shall be for five-years.

4. The Township Board has determined to advance the costs of the Project from Township funds and to use special assessments to raise the money necessary to reimburse the Township for the advance of such funds;

5. The Township Supervisor is directed to prepare the Special Assessment Roll for the Special Assessment District identified in Exhibit B. The Special Assessment Roll shall describe all the parcels of land to be assessed with the names of the respective record owners of each parcel, if known, and the total amount to be assessed against each parcel of land. When the Township Supervisor completes the Special Assessment Roll, he shall affix his certificate to the roll stating that the roll was made pursuant to a resolution of the Township Board adopted on a specified date, and that in making the assessment roll the supervisor, according to his or her best judgment, has conformed in all respects to the directions contained in the resolution and the statutes of the State of Michigan.

6. All resolutions or parts of resolutions in conflict with this resolution are hereby rescinded.

A vote on the foregoing resolution was taken and was as follows:

YES:

NO: None.

ABSENT: None.

CLERK'S CERTIFICATE

The undersigned, being the duly qualified and acting Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board, at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended); and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Paulette A. Skolarus, Genoa Charter Township Clerk
Date: April 15, 2019

EXHIBIT A

EDWIN DRIVE ROAD IMPROVEMENT PROJECT (2019)

DESCRIPTION OF PROJECT A FIVE-YEAR SPECIAL ASSESSMENT DISTRICT WITH PROJECTED COSTS AS FOLLOWS:

- Total cost of the project: \$18,988.00
- 15 parcels
- Total amount per parcel: \$1,265.87
- Amount per year for FIVE years @ 0% Interest: \$253.17
- More than 50% of homeowners signing the petition

The project (the "Project") will consist of:

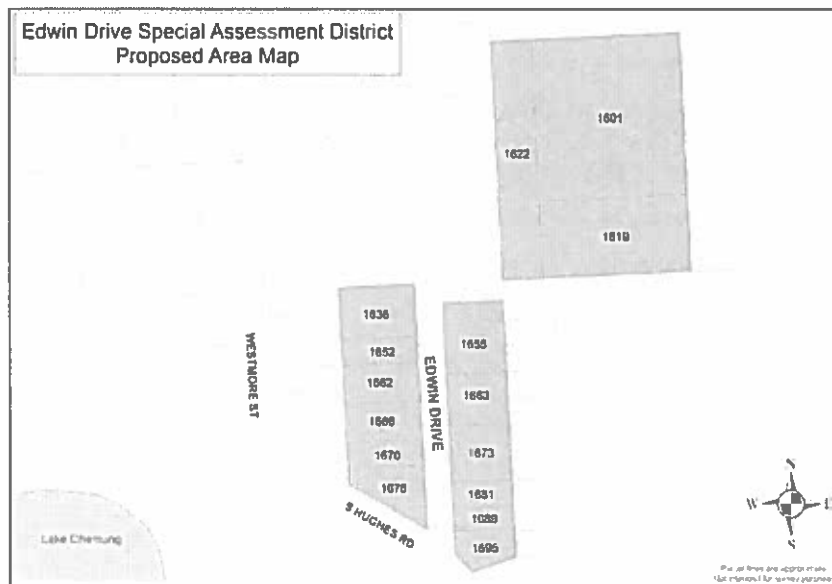
- An initial application of 204 tons of crushed asphalt
- Grading of Edwin Drive twice a year
- Five yards of material added in years, 2,3, 4, and 5 for spot repair
- Two applications of Chloride per year
- Snow removal
- Miscellaneous maintenance
- Township costs for publications and mailings

Special Assessment Roll for the Edwin Drive Road Improvement Project (Summer 2019)

EXHIBIT B

The Edwin Drive Road Improvement Project is being designed to serve the properties in the Special Assessment District, which district is illustrated on the map and includes the specific properties that are identified by the following permanent parcel numbers:

4711-11-100-003	4711-11-100-018	4711-11-100-019
4711-11-302-041	4711-11-302-042	4711-11-302-044
4711-11-302-049	4711-11-302-051	4711-11-302-052
4711-11-302-055	4711-11-302-056	4711-11-302-073
4711-11-302-076	4711-11-302-077	4711-11-302-080



Certificate

I, the undersigned, Supervisor of Genoa Charter Township, Livingston County, Michigan (the "Township"), acting pursuant to a resolution duly adopted by the Township Board of the Township on April 15, 2019 (the "Resolution") certify that (1) the attached special assessment roll for the Edwin Drive Road Improvement Project (2019), to which this Certificate is affixed, was made pursuant to the Resolution and (2) in making such a roll, I have, according to my best judgment, conformed in all respects to the directions contained in the Resolution and the statutes of the State of Michigan, including Act No. 188, Public Acts of Michigan, 1954, as amended.

Dated: April 15, 2019

Bill Rogers
Genoa Charter Township Supervisor

Resolution No. 4 – Edwin Drive Road Improvement Project (Summer 2019)

Genoa Charter Township

At a regular meeting of the Township Board of the Township of Genoa, Livingston County, Michigan, (the “Township”) held at the Township Hall on April 15, 2019, at 6:30 p.m., there were

PRESENT:

ABSENT: None.

The following preamble and resolution were offered by _____ and supported by _____ .

Resolution Acknowledging the Filing of the Special Assessment Roll, Scheduling the Second Hearing, and Directing the Issuance of Statutory Notices

WHEREAS, the Board of Trustees of the Township has determined to proceed with the Edwin Drive Road Improvement Project (2019) within the Township as described in Exhibit A (the “Project”); in accordance with Act No. 188, Michigan Public Acts of 1954, as amended;

WHEREAS, the Board of Trustees of the Township has determined to advance the costs of the Project from Township funds and to use special assessments to raise the money necessary to reimburse the Township for the advance of such funds;

WHEREAS, the Township Supervisor has prepared the Special Assessment Roll entitled “Special Assessment Roll for the Edwin Drive Road Improvement Project (Summer 2019)” (Exhibit B) and has filed the Proposed Roll with the Township Clerk;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Township Board acknowledges that the Township Supervisor has filed the Proposed Roll with the Township Clerk.
2. The Township Board acknowledges that the Township Supervisor has certified that (a) the Proposed Roll was prepared in accordance with the direction of the Township Board and (b) the Proposed Roll was prepared in accordance with the laws of the State of Michigan.
3. In accordance with Act No. 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, there shall be a public hearing to review and hear objections on the Proposed Roll.
4. The second public hearing will be held on May 6, 2019 at 6:30 p.m. at the offices of Genoa Charter Township, Livingston County, Michigan.
5. The Township Manager is directed to mail, by first class mail, a notice of the public hearing to each owner of or party in interest in property to be assessed, whose name appears upon the last Township tax assessment records. The last Township tax assessment records means the last assessment roll for ad valorem tax purposes which has been reviewed by the Township Board of Review, as supplemented by any subsequent changes in the names or addresses of such owners or

parties listed thereon. The notice to be mailed by the Township Manager shall be similar to the notice attached as Exhibit C and shall be mailed by first class mail on or before April 16, 2019. Following the mailing of the notices, the Township Manager shall complete the affidavit of mailing similar to the affidavit set forth in Exhibit D.

6. The Township Manager is directed to publish a notice of the public hearing in the Livingston County Daily Press & Argus, a newspaper of general circulation within the Township. The notice shall be published twice, once on or before April 19, 2019 and May 3, 2019. The notice shall be in a form substantially similar to the notice attached as Exhibit C.

7. All resolutions or parts of resolutions in conflict with this resolution are hereby rescinded.

A vote on the foregoing resolution was taken and was as follows:

YES:

NO:

ABSENT. None.

CLERK’S CERTIFICATE

The undersigned, being the duly qualified and acting Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board, at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended); and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Paulette A. Skolarus, Clerk
Genoa Charter Township Board
Dated: _____

EXHIBIT A

EDWIN DRIVE ROAD IMPROVEMENT PROJECT

DESCRIPTION OF PROJECT A FIVE-YEAR SPECIAL ASSESSMENT DISTRICT WITH PROJECTED COSTS AS FOLLOWS:

The project (the "Project") will consist of:

- Total cost of the project: \$18,988.00
- Total parcels: 15
- Total amount per parcel: \$1,265.87
- Amount per year for FIVE years @ 0% Interest: \$253.17
- Homeowners signing the petition: 53%

The project (the "Project") will consist of:

- An initial application of 204 tons of crushed asphalt
- Grading of Edwin Drive twice a year
- Five yards of material added in years, 2,3, 4, and 5 for spot repair
- Two applications of Chloride per year
- Snow removal
- Miscellaneous maintenance
- Township costs for publications and mailings

EXHIBIT B

The Project (Edwin Drive Road Improvement Summer 2019) is being designed to serve the properties in the Special Assessment District, which district is illustrated on the map and includes the specific properties that are identified by the following permanent parcel numbers:

4711-11-100-003
4711-11-302-041
4711-11-302-049
4711-11-302-055
4711-11-302-076

4711-11-100-018
4711-11-302-042
4711-11-302-051
4711-11-302-056
4711-11-302-077

4711-11-100-019
4711-11-302-044
4711-11-302-052
4711-11-302-073
4711-11-302-080

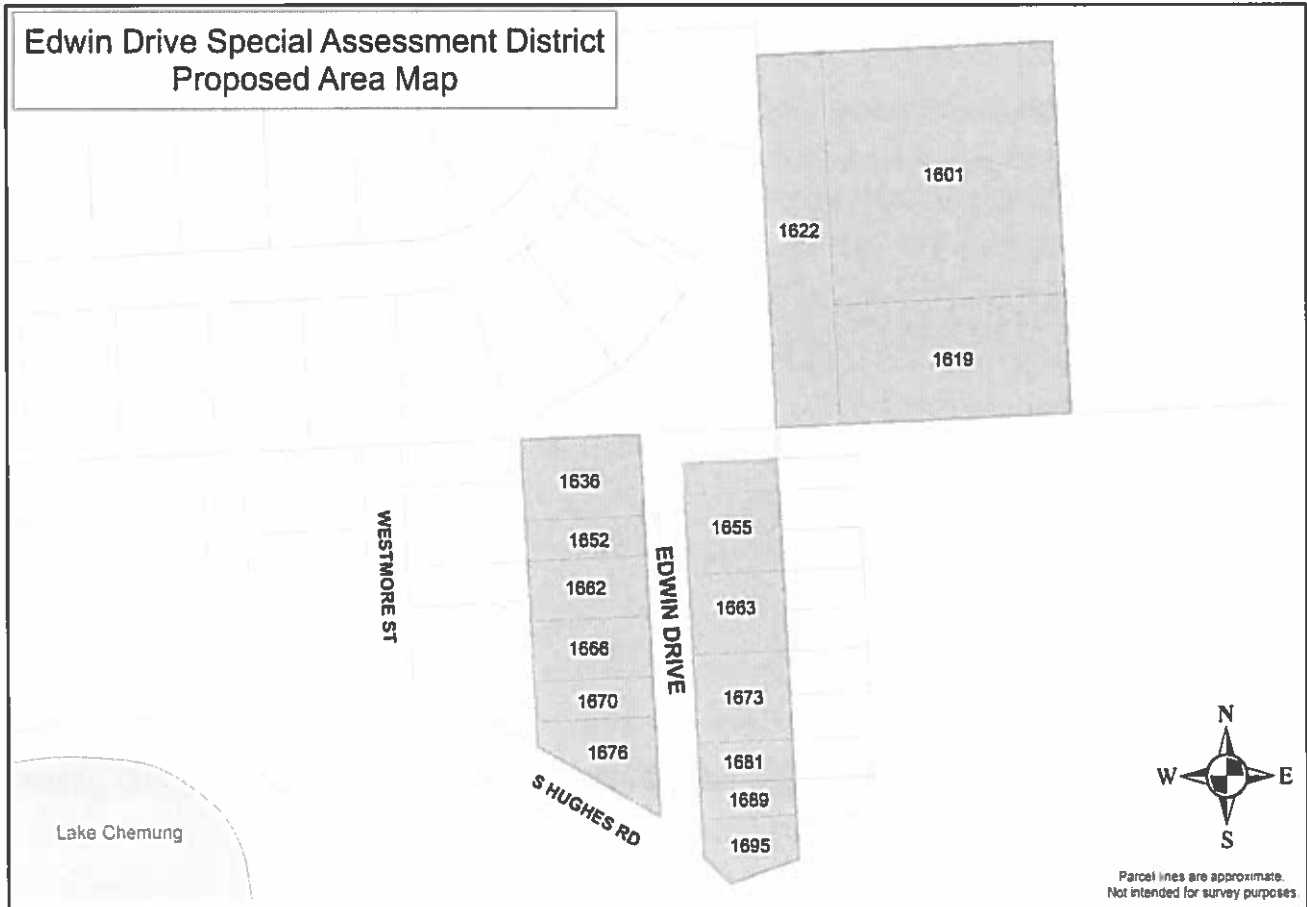


EXHIBIT C

GENOA CHARTER TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN
NOTICE OF PUBLIC HEARING
UPON A PROPOSED EDWIN DRIVE ROAD IMPROVEMENT PROJECT
AND SPECIAL ASSESSMENT DISTRICT

NOTICE IS HEREBY GIVEN:

- (1) The Township Board of Genoa Charter Township, Livingston County, Michigan, in accordance with the laws of the State of Michigan, will hold a Public Hearing on May 6, 2019 at 6:30 p.m., at the Genoa Charter Township Offices, 2911 Dorr Road, Brighton, Michigan 48116, to review the following proposed special assessment district and to hear any objections thereto and to the proposed project.

GENOA CHARTER TOWNSHIP – EDWIN DRIVE ROAD IMPROVEMENT PROJECT
AND SPECIAL ASSESSMENT DISTRICT (Summer 2019)
(A five-year program with costs as follows)

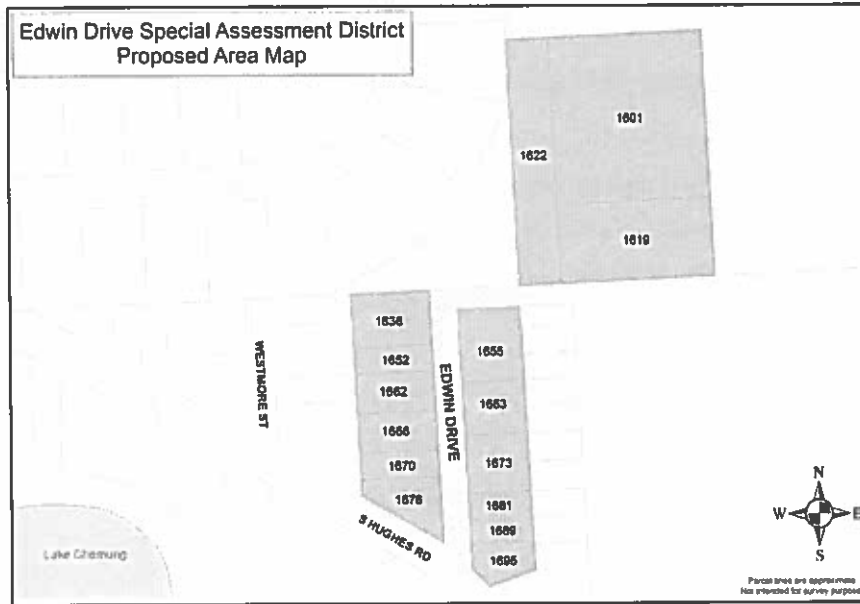
- Total cost of the project : \$18,988.00
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The project (the “Project”) will consist of:

- An initial application of 204 tons of crushed asphalt
- Grading of Edwin Drive twice a year
- Five yards of material added in years 2, 3, 4 and 5 for spot repair
- Two applications of chloride per year
- Snow removal
- Miscellaneous maintenance
- Township costs for publications and mailings

- (2) The Project is being designed to serve the properties in the Special Assessment District, which district is illustrated on the map and includes the specific properties that are identified by the following parcel numbers:

4711-11100-003	4711-11-100-018	4711-11-100-019
4711-11-302-041	4711-11-100-042	4711-11-302-044
4711-11-302-049	4711-11-302-051	4711-11-302-052
4711-11-302-055	4711-11-302-056	4711-11-302-073
4711-11-302-076	4711-11-302-077	4711-11-302-080



- (3) The Township plans to impose special assessments on the properties located in the Special Assessment District to pay for the costs of the Project.
- (4) The preliminary plans and cost estimates for the proposed project and the boundaries of the Special Assessment District are now on file in the office of the Township Clerk for public inspection. The Township Board has received petitions signed by more than 50 percent of property owners within the proposed district. Pursuant to the provisions of Public Act 188 of 1954, record owners of land have the right to file written objections to the Project with the Township Board. Any person objecting to the proposed Project or the proposed Special Assessment District shall file an objection in writing with the Township Clerk before the close of the May 6, 2019 hearing or within such further times as the Township Board may grant.

This notice is given by order of the Genoa Township Board.

Dated April 15, 2019

Michael C. Archinal
Genoa Township Manager

(Press/Argus 4/19/2019 & 5/3/2019)

EXHIBIT D

AFFIDAVIT OF MAILING

STATE OF MICHIGAN

COUNTY OF LIVINGSTON

MICHAEL C. ARCHINAL, being first duly sworn, deposes and says that he personally prepared for mailing, and did on April 16, 2019, send by first-class mail, the notice of public hearing, a true copy of which is attached hereto, to each record owner of or party in interest in all property to be assessed for the improvement described therein, as shown on the last local tax assessment records of Genoa Charter Township; that he personally compared the address on each envelope against the list of property owners as shown on the current tax assessment rolls of the Township; that each envelope contained therein such notice and was securely sealed with postage fully prepaid for first-class mail delivery and plainly addressed; and that he personally placed all of such envelopes in a United States Post Office receptacle on the above date.

Michael C. Archinal
Genoa Charter Township Manager
April 16, 2019

Date: April 11, 2019

To: Genoa Charter Township Board
From: Genoa Township Election Commission

As of this date a special election has been scheduled for Howell Schools and the Brighton Area Fire Authority to be held on May 7, 2019. The Commission is asking for your approval of the following items:

- Persons recommended to work the election (please see the attached sheet).
- Poll Workers will be paid \$225.00 per diem.
- Co-Chairmen will be paid \$275.00 per diem. Co-Chairmen, in addition to other responsibilities, are expected to return to the township hall for the final tally of votes cast and a review of all documents.
- Election officials working the precincts or absent voter counting board after 10:00 p.m. will be paid an additional \$12.00 per hour – prorated on the quarter hour.
- Staff working the election will be paid at their regular hourly rate, plus time and a half over 8 hours.
- The setup of the precinct is paid @ \$12.00 per hour with the use of the township vehicle.
- Additional part time/temporary and permanent help will be paid at \$15.00 per hour starting salary for the processing of absent voter ballots and working the receiving board.
- Poll workers attending mandated instructional classes will be paid \$35.00 for attending the class.
- The Election Commission will be paid a per diem of \$150.00.
- Precinct 12 to be combined with Precinct 7 with a classification of 7-A and 7-B for ballot styles. This new combination will allow the Pinckney School Elections and the Brighton District Library Elections to work together and save the cost of future elections.

Election/salaries

**Genoa Township Election Officials
May 7, 2019 Special Election
Polly Skolarus (810) 224-5675
Mary Krencicki (810) 588-6895**

Pct. 1 Cleary University – 1934 (334) HO

Diana Lowe, Co-Chair -- R
Ann Brennan, Co-Chair – R
Kathleen Wisser, Co-Chair – D
Margaret Withorn – R
Margery James – R
Cheryl Frasheski – D
Gerald Matevia – D

Pct. 2 Three Fires School – 931 (116) HO

Bill Rockwell, Co-Chair – R
Tom Janego, Co-Chair – R
Mary Scheloske – D
Karen Wright – D
John Wallbank - D

Pct. 3 Community Bible Church – 1901 (425) HO

David Tharp, Co-Chair – R
Joseph Nagy, Co-Chair – R
Karen Brender – R
Nicholas Murphy – R
Vicki Slicker – D
Bruce Stancombe - D

Pct. 5 Chilson Hill – 987 (187) HO

Becky Bayley, Co-Chair – D
Zena Howard, Co-Chair – R
Frederick Kulka – R
Jaclyn Dunaski – D
Vicki Strzalkowski – R

Pct. 7 Chilson Hills – 933 (251) BR

Cynthia Grochowski, Co-Chair – R
Carol Godwin, – Co-Chair – D
Martin Lerner – R
Jennifer McCauley – R

Pct. 9 Cleary University – 1532 (384) HO

Joyce Matevia, Co-Chair – D
John Vettraino, Co-Chair – R
Mary Jo Lorr – D
Kenneth Frasheski – D
Mary Dubay – R
Deborah Brennan – R

Pct. 10 Three Fires School – 1565 (391) HO

Darrel Sterzinger, Co-Chair – D
Barb Lewis, Co-Chair - D
Robert Scheloske – D
Thomas O'Brien - R
Lynda Lawrence - R
Patricia Rose - D

Pct. 12 Chilson Hills – 158 (26) P

Paul Sebastian, Chair – R
Barb Terry – D
David Kent – L

04/10/2019

Pct. 6 Hornung Elementary – 2436 (833) BR

Bob Assenmacher, Co-Chair – R

Kristen Sapienza, Co-Chair – D

Gary Janareli – R

Marie Guerriero – R

Cynthia Grochowski - L

Makayla Rose Sapienza - R

Pct. 4 Church of the Nazarene – 1397 (339) BR

P.J. Sapienza, Co-Chair – D

Cindy Overby, Co-Chair – R

Vonda Belanger – R

Mary Monge – R

Clementine Billel – R

Pct. 8 Church of the Nazarene – 1361 (457) BR

Richard Borowiec, Co-Chair – R

Tammy Dunaski, Co-Chair – D

Lee Fogle – D

Joseph Donatti – R

Mary Hosmer - D

Janice Bhavsar - R

Pct. 11 2/42 Church – 706 (118) HA

Tammy Lindberg, Chair – R

Diane Esper – D

Jean Lizak – R

Lou Doucette – R

Richard Larson – R

Pct. 13 2/42 Church – 777 (182) HO

Bradford Lindberg, Co-Chair – D

Caroline Tyler, Co-Chair – D

Steve Lizak – R

Sally Larson – R

Susan Lerner -- R

Absent Voter Counting Board # 1 – 1895

Precincts: 1, 2, 3, 5, 6

Carolyn Morrison, Co-Chair – R

Marilyn Smyth, Co-Chair – D

Linda Kite – R

Norma Pless – R

Sandra Ramiller – D

Allen Smyth – D

Reed McIntyre -- R

Absent Voter Counting Board #2 – 2248

Precincts: 4, 7, 8, 9, 10, 11, 12, 13

Virginia Wennerberg, Co-Chair – R

Sue Epp, Co-Chair – D

Vic Watson – R

Joseph Orczyk – R

Kathy Davis – R

Elizabeth Hoover - R

Cecelia McClure – R

Linda McIntyre - D

Receiving Board

Jenifer Kern

Kathleen Murphy (office morning)

Lindsay Bugeja

Diana Lowe

Township Receiving (No Sharon in May)

Mary Krencicki

Linda Gallerani



MEMORANDUM

2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

TO: Honorable Board of Trustees
FROM: Kelly VanMarter, Assistant Township Manager/Community Development Director
DATE: April 11, 2019
RE: Birkenstock Rezoning – First Reading Ordinance No. Z-19-01

MANAGERS REVIEW: [Signature]

In consideration of the approval recommendation by the Township Planning Commission on 3/11/19 and the upcoming recommendation by the Livingston County Planning Commission scheduled for 4/17/19 please find the attached proposed rezoning ordinance for your review. The proposed ordinance involves rezoning of parcel 4711-13-300-009 which consists of approximately 10.62 acres located at 2528 Harte Drive on the south side of Grand River Avenue east of Euler Road. The proposed rezoning is from General Commercial District (GCD) to Industrial (IND) with a Planned Industrial District Overlay (PID).

As required pursuant to the Charter Township Act (Act 359 of 1947) the Board is being asked to introduce and conduct the first reading on the proposed rezoning ordinance. Staff is requesting the second reading, public hearing and consideration for adoption be set for the Monday, May 6th, 2019 regularly scheduled meeting. A draft publication as required by law is also attached.

As such please consider the following action:

Moved by _____, supported by _____ to introduce and conduct the first reading on proposed ordinance number Z-19-01 and to set the second reading, public hearing and consideration for adoption before the Township Board on Monday, May 6, 2019 for the purpose of considering the proposed zoning map amendment.

SUPERVISOR

Bill Rogers

CLERK

Paulette A. Skolarus

TREASURER

Robin L. Hunt

TRUSTEES

Jean W. Ledford
H. James Mortensen
Terry Croft
Diana Lowe

MANAGER

Michael C. Archinal

ORDINANCE NO. Z-19-01

AN ORDINANCE TO AMEND THE ZONING MAP OF THE CHARTER TOWNSHIP OF GENOA BY REZONING PARCEL 4711-13-300-009 (10.62 ACRES) FROM GENERAL COMMERCIAL DISTRICT (GCD) TO INDUSTRIAL (IND) WITH A PLANNED INDUSTRIAL DISTRICT OVERLAY (PID).

THE CHARTER TOWNSHIP OF GENOA HEREBY ORDAINS that the Zoning Map, as incorporated by reference in the Charter Township of Genoa's Zoning Ordinance, is hereby amended as follows:

Real property containing approximately 10.62 acres with parcel ID number 4711-13-300-009 located at 2528 Harte Drive on the south side of Grand River Avenue east of Euler Road, which is more particularly described as follows:

Part of the W. 1/2 of Section 13, T.2N., R.5E., Genoa Township, Livingston County, Michigan, being described as: Beginning at a point distant S. 89°59'51" E., 1865.22 feet along the East-West 1/4 line of said Section 13, from the W. 1/4 corner of said Section 13; thence N. 01° 20' 04" W., 209.26 feet; thence S. 68° 25' 58" E., 145.05 feet; thence N. 01° 23' 01" W., 430.25 feet; thence S. 69° 16' 02" E., 71.45 feet; thence S. 01° 14' 16" E., 431.10 feet; thence S. 69° 01' 58" E., 54.11 feet; thence S. 01° 19' 37" E., 50.00 feet; thence N. 88° 43' 02" E., 200.00 feet; thence S. 01° 18' 00" E., 804.87 feet; thence S. 25° 29' 42" W., 128.47 feet; thence S. 88° 58' 44" W., 390.33 feet; thence N. 01° 20' 04" W., 862.97 feet to the point of beginning.

shall be rezoned from the General Commercial District (GCD) to Industrial (IND) with a Planned Industrial Development District Overlay (PID) zoning classification. The Township Planning Commission and Township Board, in strict compliance with the Township Zoning Ordinance and with Act 184 of the Public Acts of 1943, as amended, reclassified the Property as Industrial/Planned Industrial District (IND/PID) finding that such classification properly achieved the purposes of Section 22.04 of the Township's Zoning Ordinance (as amended).

Severability If any provision of this Ordinance is found to be invalid, than the remaining portions of this Ordinance shall remain enforceable.

Effective Date This Ordinance shall be effective upon publication in a newspaper of general circulation as required by law.

On the motion to adopt the Ordinance the following vote was recorded:

Yeas:

Nays:

Absent:

I hereby approve the adoption of the foregoing Ordinance this 6th day of May, 2019.

Paulette A. Skolarus
Township Clerk

Bill Rogers
Township Supervisor

Township Board First Reading:	April 15, 2019
Date of Publication of Proposed Ordinance:	scheduled April 21, 2019
Township Board Second Reading and Adoption:	proposed May 6, 2019
Date of Publication of Ordinance Adoption:	proposed May 12, 2019
Effective Date:	proposed May 12, 2019

**BOARD OF TRUSTEES
GENOA CHARTER TOWNSHIP,
LIVINGSTON COUNTY, MICHIGAN**

**NOTICE OF PROPOSED PLANNED UNIT DEVELOPMENT ZONING MAP AMENDMENT
MAY 6, 2019**

Pursuant to Michigan Public Act 359 of 1947, (the Charter Township Act), Michigan Public Act 110 of 2006 (the Michigan Zoning Enabling Act and the Genoa Township Zoning Ordinance, notice is hereby given that the Genoa Charter Township Board will conduct a public hearing to consider ordinance number Z-19-01 to amend the official zoning map at 6:30 p.m. on Monday, May 6, 2019. The property proposed for rezoning is located at 2528 Harte Drive on the south side of Grand River Avenue east of Euler Road. The subject area involves approximately 10.62 acres on parcel 4711-13-300-009. The proposed rezoning is from General Commercial District (GCD) to Industrial (IND) with a Planned Industrial District Overlay (PID). The complete text of the proposed ordinance is available for public inspection at the Township Hall located at 2911 Dorr Road, Brighton, Michigan 48116, Monday through Friday from 9:00 a.m. to 5:00 p.m.

You are invited to attend this hearing. If you are unable to attend, written comments may be submitted by writing to the Township Board at the Genoa Township Hall, 2911 Dorr Road, Brighton, MI 48116 or via email at amy@genoa.org up to the date of the hearing and may be further received by the Board at said hearing. In addition, all material relating to this request may be examined at the Township Hall during normal business hours.

Genoa Charter Township will provide necessary reasonable auxiliary aids and services to individuals with disabilities at the meeting/hearing upon seven (7) days' notice to the Township. Individuals with disabilities requiring auxiliary aids or services should contact the Township in writing or by calling at (810) 227-5225.

Kelly VanMarter
Assistant Township Manager/Community Development Director

(Press/Argus 04-21-19)



2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

MEMORANDUM

TO: Honorable Board of Trustees
FROM: Kelly VanMarter, Assistant Township Manager/Community Development Director
DATE: April 11, 2019
RE: Transtar Addition

MANAGER'S REVIEW: 

Attached please find the project case file regarding a building addition and parking lot expansion for Transtar Autobody Technologies located at 2040 Heiserman Drive, Brighton. The applicant requests approval for a 6,225 square foot addition to the existing 63,000 square foot industrial building with an additional 26 parking spaces.

Procedurally, the Planning Commission has authority over the site plan and issues a recommendation to the Board regarding the Environmental Impact Assessment. The Planning Commission heard the case at the April 8, 2019 meeting. At the meeting, the Commission approved the site plan and recommended Board approval of the Impact Assessment. In this regard, please consider the following action:

Moved by _____, Supported by _____ to approve the Environmental Impact Assessment received dated March 20, 2019 provided all conditions of the Planning Commission are satisfied.

Should you have any questions concerning this matter, please do not hesitate to contact me.

SUPERVISOR

Bill Rogers

CLERK

Paulette A. Skolarus

TREASURER

Robin L. Hunt

TRUSTEES

Jean W. Ledford

H. James Mortensen

Terry Croft

Diana Lowe

MANAGER

Michael C. Archinal



GENOA CHARTER TOWNSHIP
Application for Site Plan Review

TO THE GENOA TOWNSHIP PLANNING COMMISSION AND TOWNSHIP BOARD:

APPLICANT NAME & ADDRESS: Brian McQuade, ACS Build, Inc., 28525 Beck Rd, Suite 118 Wixom, MI 48393
If applicant is not the owner, a letter of Authorization from Property Owner is needed.

OWNER'S NAME & ADDRESS: Transtar Autobody Technologies, Inc.

SITE ADDRESS: 2040 Heiserman Drive PARCEL #(s): 4711-13-100-030

APPLICANT PHONE: (248) 348-9911 OWNER PHONE: (810) 360-1611

OWNER EMAIL: tomg@tat-co.com

LOCATION AND BRIEF DESCRIPTION OF SITE: Property is located on North of Pless and West of Euler in the Township of Genoa. There is an existing 60,000 S.F. building that manufactures automotive refinishing products.

BRIEF STATEMENT OF PROPOSED USE: The Proposed use is a 6,225 S. F addition to the existing building with additional parking.

THE FOLLOWING BUILDINGS ARE PROPOSED: New 6,225 S.F. addition

I HEREBY CERTIFY THAT ALL INFORMATION AND DATA ATTACHED TO AND MADE PART OF THIS APPLICATION IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY: Brian McQuade, ACS Build, Inc.,

ADDRESS: 28525 Beck Rd, Suite 118, Wixom, MI 48393

Contact Information - Review Letters and Correspondence shall be forwarded to the following:

1.) Brian McQuade of ACS Build, Inc. at bmcquade@acsbuild.com
Name Business Affiliation E-mail Address

FEE EXCEEDANCE AGREEMENT

As stated on the site plan review fee schedule, all site plans are allocated two (2) consultant reviews and one (1) Planning Commission meeting. If additional reviews or meetings are necessary, the applicant will be required to pay the actual incurred costs for the additional reviews. If applicable, additional review fee payment will be required concurrent with submittal to the Township Board. By signing below, applicant indicates agreement and full understanding of this policy.

SIGNATURE  DATE 2-26-2019
PRINT NAME Brian McQuade, ACS Build, Inc., PHONE (248) 348-9911
ADDRESS 28525 Beck Rd, Suite 118, Wixom, MI 48393

Moved by Commissioner Mortensen, seconded by Commissioner Rickard, to recommend to the Township Board approval of the Environmental Impact Assessment dated March 11, 2019 for Livingston Christian Schools to increase the maximum number of students from 200 to 280. **The motion carried unanimously.**

Moved by Commissioner Mortensen, seconded by Commissioner Rickard, to recommend to the Township Board approval of the Site Plan dated March 11, 2019 for Livingston Christian Schools to increase the maximum number of students from 200 to 280 conditioned upon the applicant assuring Township staff that the landscaping and other requirements previously approved have been implemented. **The motion carried unanimously.**

OPEN PUBLIC HEARING #2... Review of site plan and environmental impact assessment for a proposed 6,225 sq. ft. addition and parking lot expansion to the existing Transtar Autobody Technologies facility located at 2040 Heiserman Drive. The request is petitioned by ACS Build, Inc.

- A. Recommendation of Environmental Impact Assessment (3-20-19)
- B. Disposition of Site Plan (3-20-19)

Mr. Brian McQuade of ACS Build and Jesse Parkinson of Greentech were present.

Mr. McQuade stated they would like to build a 6,225 square foot addition for a training facility. They will not be increasing any employees. They will just be moving the training from Baker College in Flint to this location.

Mr. Borden reviewed his letter dated March 25, 2019.

1. A minor correction is needed to the building material depiction for the west elevation. Mr. McQuade stated the material is metal. The description is incorrect.
2. The proposed wall-mounted light fixtures will cast light outwards and do not meet ordinance standards. Mr. McQuade stated they will change them to meet the ordinance.
3. The applicant requests Planning Commission authorization to retain existing vegetation along the north side of the site in lieu of installing a Buffer Zone "A." The Planning Commission has the ability to waive this requirement.
4. The revised landscape plan does not incorporate the revisions to the proposed parking lot. Mr. McQuade will make this correction.
5. The plan should be corrected for consistency and one additional canopy tree is required. The applicant will meet this requirement.

6. The applicant seeks to donate to a tree fund in lieu of providing the detention pond plantings. Mr. Borden stated the Planning Commission can waive or modify this requirement. He suggested having the trees planted in a different location on the site instead of at the pond. Commissioners Rauch and Rickard agree that the tree fund donation is not appropriate and the trees should be planted on the site.

Mr. Markstrom reviewed his letter dated April 1, 2019.

1. The petitioner is proposing a sanitary connection from the existing sanitary sewer on Euler Road to the proposed addition. The plans should also show the existing sanitary sewer connection on the existing building.
2. The petitioner should show the existing water service to the existing building. The plans show a hydrant at benchmark 2 and the onsite water main to that hydrant should be shown on the plans as well.

Mr. Parkinson stated that they are required to have 66 parking spaces and they are proposing 78 spaces.

The applicant submitted a revised site plan to the Brighton Area Fire Authority that Township staff has not seen and is not what is contained in the packet that was distributed to the Planning Commission. Mr. Parkinson stated they have removed four parking spaces to meet their concerns regarding the access drive width. The Fire Authority submitted a letter this afternoon stating all of their concerns have been met.

The call to the public was made at 7:28 pm with no response.

Mr. Borden noted that no curbing is shown on the plans; however, it is required. Mr. McQuade stated neither the existing parking lot nor any of the roads in the development are currently curbed. After a discussion, the applicant agreed to add the necessary curbing.

Moved by Commissioner Mortensen, seconded by Commissioner Rauch, to recommend to the Township Board approval of the Environmental Impact Assessment dated March 20, 2019 for a warehouse expansion for Transtar Autobody Technologies. **The motion carried unanimously.**

Moved by Commissioner Mortensen, seconded by Commissioner Rickard, to approve the Site Plan dated March 20, 2019 for a warehouse expansion, driveway, and parking lot for Transtar Autobody Technologies, subject to the following:

- The correction shall be made regarding the building material depiction for the west elevation.
- The wall mounted light fixtures will be revised to cast downtown to be consistent with the Township ordinance
- The landscaping normally required for the retention pond will be re-allocated appropriately to other places on the site subject to review and approval by Township staff.
- The petitioner will comply with the requirements of the Township Engineer's letter of April 1, 2011, including:
 - Utility department review and concurrence will be required construction of the sanitary sewer lead into Euler road.
 - The grading plan will be revised to ensure water runoff to the detention pond.
 - Curbing will be installed on the new parking lot to the north of the building.
- A minimum of four parking spaces will be removed to meet the BAFA's turning radius requirements.
- The revisions to the site plan will require staff review and approval prior to the granting of a land use permit.

The motion carried unanimously.

OPEN PUBLIC HEARING #3... Discussion and review of a conceptual site plan for a proposed redevelopment. The property in question is located at 4525 E. Grand River Avenue, northwest corner of Grand River and Lawson Drive. The request is petitioned by Premier Genoa LLC.

Mr. Dan Boorstein of SVI Properties, LLC, Mr. Vince DeAngelis of Corrigan Oil, and Mr. Wayne Perry, of Desine, Inc., were present.

Mr. Perry reviewed the proposed project. There are two properties on Grand River, at Lawson Drive and White Horse Drive, that are the subject of the redevelopment. The gas station on the site will remain; however, the remainder of the buildings will be removed. Some of the access drives will be removed, some will remain, and some will be added.

There are issues with the storm-water runoff for these sites because of their grade, topography, and soils. Additionally, the existing municipal storm-water system is at capacity so it cannot empty into there. He described his solution, which will be to have a retention basin placed in the southwest corner of the property to the north.

March 25, 2019

Planning Commission
 Genoa Township
 2911 Dorr Road
 Brighton, Michigan 48116

Attention:	Kelly Van Marter, AICP Planning Director and Assistant Township Manager
Subject:	Transtar Autobody Technologies – Site Plan Review #2
Location:	2040 Heiserman Drive – northwest corner of Heiserman and Euler Road
Zoning:	PID Planned Industrial District

Dear Commissioners:

At the Township’s request, we have reviewed the revised site plan submittal for a building expansion of the Transtar Autobody Technologies facility (plans most recently dated 3/20/19).

A. Summary

1. A minor correction is needed to the building material depiction for the west elevation.
2. The proposed wall-mounted light fixtures will cast light outwards and do not meet Ordinance standards.
3. The applicant requests Planning Commission authorization to retain existing vegetation along the north side of the site in lieu of installing a Buffer Zone “A.”
4. The revised landscape plan does not incorporate the revisions to the proposed parking lot.
5. The plan should be corrected for consistency and 1 additional canopy tree is required.
6. The applicant seeks to donate to a tree fund in lieu of providing the detention pond plantings. In our opinion, a better option would be for the Commission to waive or modify this requirement per Section 12.02.13.

B. Proposal/Process

The applicant proposes a 6,225 square foot addition on the north side of the existing industrial building, which currently contains approximately 63,600 square feet of floor area. The proposal includes parking to support the addition, as well as new landscaping and a retention basin.

Industrial buildings with more than 40,000 square feet of floor area and the storage of hazardous materials are both special land uses in the IND. The latter was granted in 2012 and the size of the proposed addition is considered a minor amendment (less than 25% of the floor area) that does not require a new special land use review. As such, the proposal requires site plan review by the Planning Commission.

C. Site Plan Review

1. **Dimensional Requirements.** As shown in the following table, the project meets or exceeds the dimensional requirements of the IND:

	Min. Lot Req.		Minimum Yard Setbacks (feet)				Max. Lot Coverage (%)	Max. Height (feet)
	Area (acres)	Width (feet)	Front Yard	Side Yard	Rear Yard	Parking Lot		
IND	1	150	85	25	80	20 front 10 side/rear	40% building 85% impervious	30
Proposed	10	661	105 (S) 85 (E)	320 (W)	225 (N)	80 front 100+ side/rear	16.3% building 32.6% impervious	22



Aerial view of site and surroundings (looking north)

- 2. Building Materials and Design.** The building elevation drawings depict the use of scored block and metal siding with a standing seam metal roof. The notes on Sheet A.201 indicate that materials and colors will match the existing building.

Our only comment is that an area noted as scored block on the west elevation is depicted as metal siding. We request the applicant correct the drawing for consistency/accuracy.

- 3. Pedestrian Circulation.** A connection is provided between the new parking lot and building entrance. No other changes are proposed to pedestrian circulation.
- 4. Vehicular Circulation.** The proposed parking area will be accessed by a connection to the T-turnaround for semi-trucks on the north side of the building.

Proposed drive aisles meet or exceed the dimensional standards of the Zoning Ordinance and no other changes are proposed impacting vehicular circulation.

- 5. Parking.** Sheet 4 of the site plan submittal includes updated parking calculations. As a result of the proposal, the site requires a minimum of 66 parking spaces, while a total of 78 are proposed (including the required barrier-free spaces).

The layout of the proposed parking area meets or exceeds the dimensional standards of Section 14.06 and a note has been added stating that parking spaces will be double striped.

- 6. Exterior Lighting.** The building elevation drawings note the inclusion of wall mounted light fixtures.

The revised submittal includes detail sheets; however, the fixtures proposed will cast light outwards, as opposed downwards. The applicant must provide alternative fixtures in accordance with Section 12.03.

7. **Landscaping.** The landscape plan (Sheet C6) has been reviewed for compliance with the standards of Section 12.02, as noted in the following table:

Standard	Required	Proposed	Notes
Parking lot (proposed)	2 canopy trees 260 SF landscaped area	1 canopy tree 800 SF landscaped area (approximately)	1 additional canopy tree is required
Buffer zone "A" (north)	50' width 33 canopy trees 66 evergreen trees 132 shrubs 6' wall or 3' berm	Existing vegetation to remain undisturbed	PC may waive/modify this requirement based on existing conditions
Detention pond	6 trees 53 shrubs	6 trees 53 shrubs	Requirements met

Additionally, the revised landscape plan does not match the revised site plan in terms of the proposed parking lot layout. Given an increase in spaces, 1 additional canopy tree is required for the parking lot, which should be added to the landscaped island on the south side of the drive aisle accessing the new parking lot.

Lastly, the applicant has requested a donation to a Township tree fund in lieu of providing the detention pond plantings due to the presence of existing vegetation.

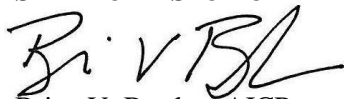
We do not feel this is an appropriate offer and the Ordinance does allow for alternatives. The Commission may waive or modify new planting requirements in the presence of mature vegetation to be preserved. The Commission could also allow these plantings elsewhere on site to limit the disruption to existing vegetation.

8. **Impact Assessment.** The submittal includes the Impact Assessment approved in 2012 related to the storage tanks, as well as an addendum related to the current proposal.

In short, the addendum states that the proposed project is expected to adversely impact natural features, public services/utilities, traffic or surrounding land uses.

Should you have any questions concerning this matter, please do not hesitate to contact our office. I can be reached by phone at (248) 586-0505, or via e-mail at bborden@safebuilt.com.

Respectfully,
SAFE BUILT STUDIO



Brian V. Borden, AICP
 Planning Manager



April 1, 2019

Ms. Kelly Van Marter
Genoa Township
2911 Dorr Road
Brighton, MI 48116

**Re: Transtar Building Addition
Site Plan Review No. 2**

Dear Ms. Van Marter:

Tetra Tech has conducted a second site plan review of the proposed Transtar building addition plans last dated March 20, 2019. The plans were submitted by Greentech Engineering, Inc. on behalf of Transtar Autobody Technologies, Inc. Transtar Autobody Technologies is located on a 10.1-acre parcel at 2040 Heiserman Drive. The petitioner is proposing a 6,225-square-foot building addition on the north face of the existing 60,000-square-foot building.

A letter from the petitioner, included with the plans submitted on March 20, 2019, noted that the comments from the previous letter were addressed; however, upon review it does not look like the plans have been updated to include existing sanitary sewer lead and onsite existing water main as requested. We have repeated these comments below:

GENERAL NOTES

1. The petitioner is proposing a sanitary connection from the existing sanitary sewer on Euler Road to the proposed addition. The plans should also show the existing sanitary sewer connection on the existing building.
2. The petitioner should show the existing water service to the existing building. The plans show a hydrant at benchmark 2 and the onsite water main to that hydrant should be shown on the plans as well.

We recommend the petitioner address the above comments and resubmit the site plan for review. Please call or email if you have any questions.

Sincerely,

A blue ink signature of Gary J. Markstrom.

Gary J. Markstrom, P.E.
Vice President

A blue ink signature of Shelby Scherdt.

Shelby Scherdt
Project Engineer



BRIGHTON AREA FIRE AUTHORITY

615 W. Grand River Ave.
Brighton, MI 48116
o: 810-229-6640 f: 810-229-1619

March 29, 2019

Kelly VanMarter
Genoa Township
2911 Dorr Road
Brighton, MI 48116

RE: Transtar Autobody Technologies - Addition
2040 Heiserman Drive
Genoa Twp., MI

Dear Kelly,

The Brighton Area Fire Department has reviewed the above mentioned site plan. The plans were received for review on March 21, 2019 and the drawings are dated February 26, 2019 with latest revisions dated March 20, 2019. The project is based on an existing 63,600 square foot chemical manufacturing and storage facility. The facility is proposing a 6,228 square foot addition to the rear of the structure. The plan review is based on the requirements of the International Fire Code (IFC) 2018 edition.

1. The landscaping plan has not been updated with the new layout.
2. The building addition shall be provided with an automatic sprinkler system. **(Noted to be provided as required.)**

IFC 903

3. The access road into the parking area is of great concern. The drive shall be a minimum of 26' wide. With a width of 26' wide, with the north side of the drive shall be marked as a fire lane. Include the location of the proposed fire lane signage and include a detail of the fire lane sign in the submittal. Access roads to site shall be provided and maintained during construction. Access roads shall be constructed to be capable of supporting the imposed load of fire apparatus weighing at least 84,000 pounds. **(The access to the structure are noted to be provided throughout construction.)**

IFC D 102.1

IFC D 103.1

IFC D 103.6

4. Access from the existing loading dock area with the curved drive creates a dead-end emergency vehicle access of over 190-feet. All dead-ends over 150-feet shall be provided with an approved turnaround. In addition, the sharp curve of the entrance would make reverse navigation very difficult even if the dead-end were to be reduced. A means of turnaround shall be provided for the dead-end and the curve straightened, softened and dead-end reduced below 150-feet. Access into the new parking area must meet the inside and outside turning radii of 30-feet inside and 50-feet outside. **(The drive has been widened to 26' and realigned to provide proper access, however, the dead-end has not been eliminated and is still exceeding 150'. This is measured from the threshold of the drive to the end of the last parking space.)**

IFC D 103.3

IFC D 103.4



March 29, 2019

Page 2

Transtar Autobody Technologies - Addition

2040 Heiserman Drive

Site Plan Review

5. A minimum vertical clearance of 13½ feet shall be maintained throughout and along the drive for emergency vehicles, including trees and plantings. **(This has been noted to be complied with.)**

Additional comments will be given during the building plan review process (specific to the building plans and occupancy). The applicant is reminded that the fire authority must review the fire protection systems submittals (sprinkler & alarm) prior to permit issuance by the Building Department and that the authority will also review the building plans for life safety requirements in conjunction with the Building Department. If you have any questions about the comments on this plan review please contact me at 810-229-6640.

Cordially,

A handwritten signature in black ink, appearing to read "R. Boisvert".

Rick Boisvert, CFPS
Fire Marshal

- a. **Name(s) and address(es) of person(s) responsible for preparation of the impact assessment and a brief statement of their qualifications.**

ACS Build, Inc.
28525 Beck Road, Suite 118
Wixom, MI 48393

GreenTech Engineering, Inc.
51147 Pontiac Trail
Wixom, MI 48393

- b. **Map(s) and written description/analysis of the project site including all existing structures, manmade facilities, and natural features.** The analysis shall also include information for areas within 10 feet of the property. An aerial photograph or drawing may be used to delineate these areas.

See drawings in SPA and submission for property description location. The site is located approximately 1 mile north of I-96 and less than ¼ mile north of Grand River Avenue on Heiserman Drive.

- c. **Impact on natural features:** A written description of the environmental characteristics of the site prior to development and following development, i.e., topography, soils, wildlife, woodlands, mature trees (eight-inch caliper or greater), wetlands, drainage, lakes, streams, creeks or ponds. Documentation by a qualified wetland specialist shall be required wherever the Township determines that there is a potential regulated wetland. Reduced copies of the Existing Conditions Map(s) or aerial photographs may accompany written material.

The site is relatively flat grass area with some tree buffer between the building and Euler Road. Refer to the plans for additional grading, tree canopy, and site feature information. The proposed improvements are consistent with the land use and zoning. Refer to original Impact assessment dated September 5, 2012.

- d. **Impact on stormwater management:** Description of measures to control soil erosion and sedimentation during grading and construction operations and until a permanent ground cover is established. Recommendations for such measures may be obtained from the Livingston County Drain Commission at (517) 546-0040.

The impact on the existing stormwater is negligible. The majority of the area impacted by the addition and parking lot and building addition drain to the east. The roof was pitched and pavement sloped to drain to a retention basin on the east of the parking lot and building addition. The retention basin can hold 8.62” of rain for the drainage area at the top of the freeboard and 2.20” at the top of the storage volume. The overflow of the retention basin is on the north end into a swale, where a majority of the area of improvements drains to currently.

- e. **Impact on surrounding land used:** Description of the types of proposed uses and other man-made facilities, including any project phasing, and an indication of how the proposed use conforms or conflicts with existing and potential development patterns. A description shall be provided of any increases of light, noise or air pollution which could negatively impact adjacent properties.

This project will be conducted in one phase. The applicant is proposing a 6,225 addition to include warehouse and office space, with an area to be used as a classroom environment for technical training and development of paint colors and application process. This will include one (1) downdraft enclosed paint booth and two (2) areas of hood ventilation paint booths. The project shall have the required parking, lighting and storm water management, environmental impact management associated with this type of development.

- f. **Impact on public facilities and services:** Describe the number of expected residents, employees, visitors, or patrons, and the anticipated impact on public schools, police protection and fire protection. Letters from the appropriate agencies may be provided, as appropriate.

There is no expected impact on public facilities or services.

- g. **Impact on public utilities:** Describe the method to be used to service the development with water and sanitary sewer facilities, the method to be used to control drainage on the site and from the site, including runoff control during periods of construction. For sites serviced with sanitary sewer, calculations for pre- and post-development flows shall be provided in comparison with sewer line capacity. Expected sewage rates shall be provided in equivalents to a single-family home. Where septic systems are proposed, documentation or permits from the Livingston County Health Department shall be provided.

The project will have negligible impact to the existing facilities. See attached drawings for additional information. Water, gas, and electric will be connected internally to existing building. An additional sanitary lead will be added draining to the east. Storm water will be collected in a retention basin east of the improvements.

- h. **Storage and handling of any hazardous materials:** A description of any hazardous substances expected to be used, stored or disposed of on the site. The information shall describe the type of materials, location within the site and method of containment. Documentation of compliance with federal and state requirements, and a Pollution Incident Prevention Plan (PIPP) shall be submitted, as appropriate.

The development will have a list of all hazardous substances expected to be used, stored or disposed of on the site. The materials are to be used as in a classroom environment. There will be one (1) room for a color lab for the technical aspects of the paint and two (2) paint booths. The material used in the current facility is the same as what will be used in the new addition. Transtar is an automotive paint manufacturer.

Impact on Traffic and Pedestrians: A description of the traffic volumes to be generated based on national reference documents, such as the most recent edition of the *Institute of Transportation Engineers Trip Generation Manual*, other published studies or actual counts of similar uses in Michigan. A detailed traffic impact study shall be submitted for any site over ten (10) acres in size which would be expected to generate 100 directional vehicle trips (i.e. 100 inbound or 100 outbound trips) during the peak hour of traffic of the generator or on the adjacent streets. The contents of the detailed study shall include:

- Description of existing daily and peak hour traffic on adjacent street(s) and a description of any sight distance limitations along the right-of-way frontage of the site.

The anticipated addition peak hour flow would be 12/hour. The improvements will utilize the existing entrance to the facility. Refer to plans.

- Forecasted trip generation of the proposed use for the a.m. and p.m. peak hour and average daily traffic generated.

24 vehicles/a.m., 24 vehicles/p.m.

- For any project with a completion date beyond one year at the time of site plan approval, the analysis shall also include a scenario analyzing forecasted traffic at date of completion along the adjacent street network using a forecast based either on historic annual percentage increases and/or on expected development in the area.

Projected will be completed within one year.

- Projected traffic generated shall be distributed (inbound v. outbound, left turn v. right turn) onto the existing street network to project turning movements at site driveways and nearby intersections. Rationale for the distribution shall be provided.

Projected inbound 24/day, outbound 24/day, left turn 24/day, right turn 24/day.

- Capacity analysis at the proposed driveway(s) using the procedures outlined in the most recent edition of the *Highway Capacity Manual* published by the Transportation Research Board. Capacity analyses shall be provided for all street intersections where the expected traffic will comprise at least five-percent (5%) of the existing intersection capacity.

Impact to existing roadway infrastructure is negligible.

- Accident data for the previous three (3) years for roadway sections and intersections experiencing congestion or a relatively high accident rate, as determined by the township or staff from the Livingston County Road Commission or Michigan Department of Transportation.

Impact to existing roadway infrastructure is negligible.

- Analysis of any mitigation measures warranted by the anticipated traffic impacts. Where appropriate, documentation shall be provided from the appropriate road agency regarding time schedule for improvements and method of funding.

Impact to existing roadway infrastructure is negligible.

- A map illustrating the location and design of proposed access, including any sight distance limitations, dimensions from adjacent driveways and intersections within 250 feet of the edge of the property frontage, and other data to demonstrate that the driveway(s) will provide safe and efficient traffic operation and be in accordance with Article 15.

The improvements will utilize the existing entrance to the facility. Refer to plans.

- i. **Special Provisions:** General description of any deed restrictions, protective covenants, master deed or association bylaws.

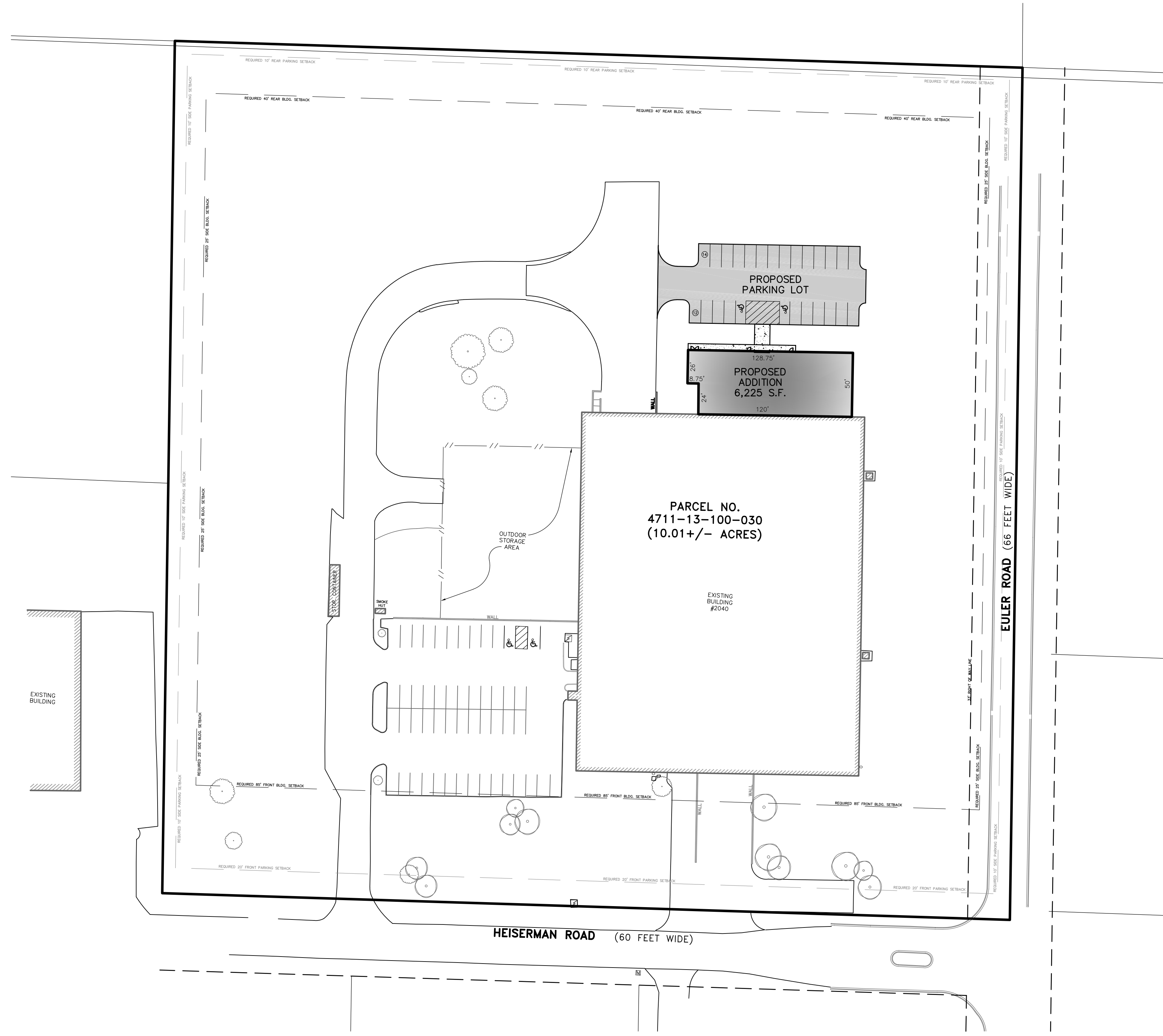
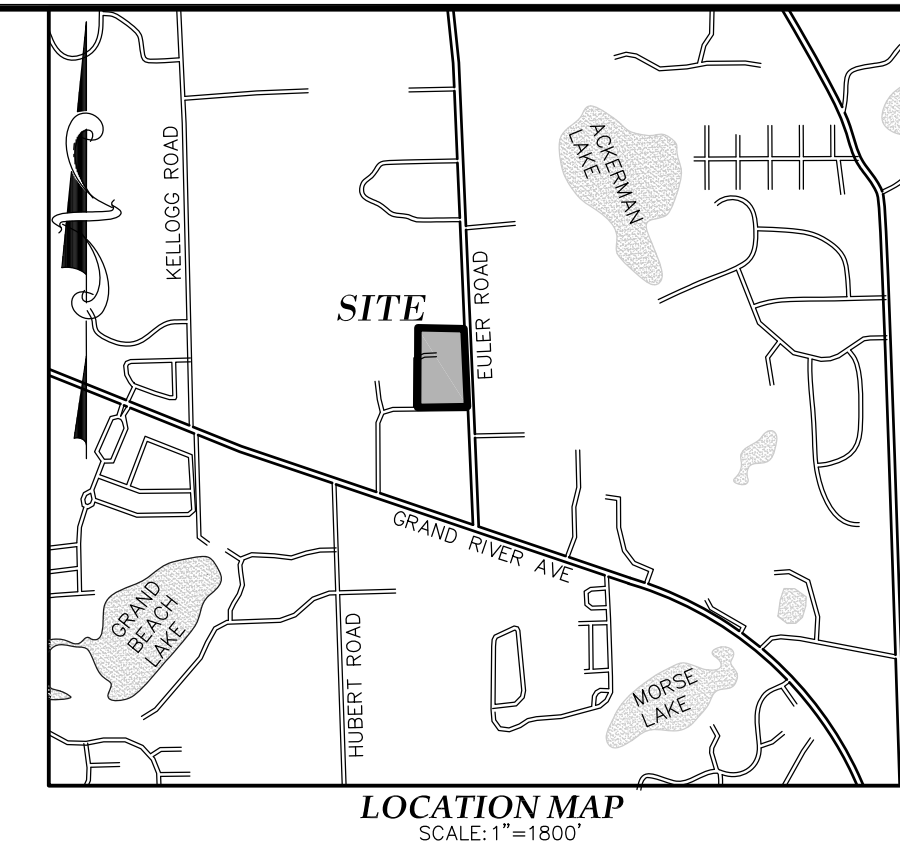
None

- j. **A list of all sources shall be provided.**

Original "Impact Assessment" dated September 5, 2012.
Site Plans and Architectural plan/elevations dated 02-26-2019

SITE PLANS for TRANSTAR AUTOBODY TECHNOLOGIES

PARKING LOT AND BUILDING ADDITION GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN



GENERAL NOTES:

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND SPECIFICATIONS OF GENOA TOWNSHIP.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND/OR OBTAIN ANY INFORMATION NECESSARY REGARDING THE PRESENCE OF UNDERGROUND UTILITIES WHICH MIGHT AFFECT THIS JOB.
3. EXISTING EASEMENTS WILL BE SHOWN PER TITLE WORK, ONCE RECEIVED.
4. CONTRACTOR TO OBTAIN ALL REQUIRED APPROVALS AND PERMITS PRIOR TO THE START OF CONSTRUCTION.

LEGAL DESCRIPTION:

PART OF SECTION 13, T. 2N., R. 5E., GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN, DESCRIBED AS:
BEGINNING AT A POINT DISTANT S89°E 644.6 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 13; THENCE S89°E 661.6 FEET; THENCE SOUTH 665 FEET; THENCE N89°W 661.6 FEET; THENCE NORTH 665 FEET TO THE POINT OF BEGINNING, CONTAINS 10.01 ACRES, MORE OR LESS, AND SUBJECT TO ANY RIGHTS OF WAY, EASEMENTS, AND RESTRICTIONS OF RECORD.

NOTE:

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AS DISCLOSED BY AVAILABLE UTILITY COMPANY RECORDS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE COMPANY. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY IF A CONFLICT IS APPARENT.

NOTICE:

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.



SHEET INDEX:

- | | |
|-------|------------------------------|
| 1 | COVER SHEET |
| 2 | TOPOGRAPHIC SURVEY |
| 3 | DEMOLITION PLAN |
| 4 | DIMENSION & PAVING PLAN |
| 5 | GRADING, UTILITY & SESC PLAN |
| | |
| L-1 | LANDSCAPE PLAN |
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| | |
| A.101 | MAIN LEVEL FLOOR PLAN |
| A.102 | MAIN LEVEL FLOOR PLAN |
| A.201 | EXTERIOR ELEVATIONS |

OWNER:

TRANSTAR AUTOBODY TECHNOLOGIES
2040 HEISERMAN DRIVE
BRIGHTON, MI 48114
PHONE: (800) 824-2843

APPLICANT:

ACS BUILD, INC.
28525 BECK ROAD, SUITE 118
WIXOM, MI 48393
CONTACT: BRIAN MCQUADE
PHONE: (248) 348-9911

ENGINEER/SURVEYOR:

GREENTECH ENGINEERING, INC.
51147 PONTIAC TRAIL
WIXOM, MI 48393
CONTACT: JASON FLEIS, P.E.
(248) 668-0700

GREENTECH ENGINEERING, INC.
CIVIL ENGINEERS & LAND SURVEYORS
51147 Pontiac Trail, Wixom, MI 48393
Phone: (248) 668-0700 Fax: (248) 668-0701

RESIDENTIAL: Subdivisions, Single-Family Lots, Easements, etc.
COMMERCIAL: Site Planning, Industrial/Multi-Unit Land Surveying
SURVEYING: Boundary Surveys, Topographic Surveys, Easement Surveys, Construction Staking

CLIENT: ACS BUILD, INC.

COVER SHEET

2040 HEISERMAN DRIVE - PARCEL NO 4711-13-100-030
SECTION: 13 TOWNSHIP 2 N LIVINGSTON COUNTY MICHIGAN
RANGE: 5 E.

REVISIONS
2019-3-20 PER REVIEW

SEAL

DATE: 02-26-2019
DRAWN BY: RMS
CHECKED BY: JMF

FBK: --
CHF: MM
SCALE: HOR 1"= 50 FT.
VER 1"= -- FT.

1

18-120

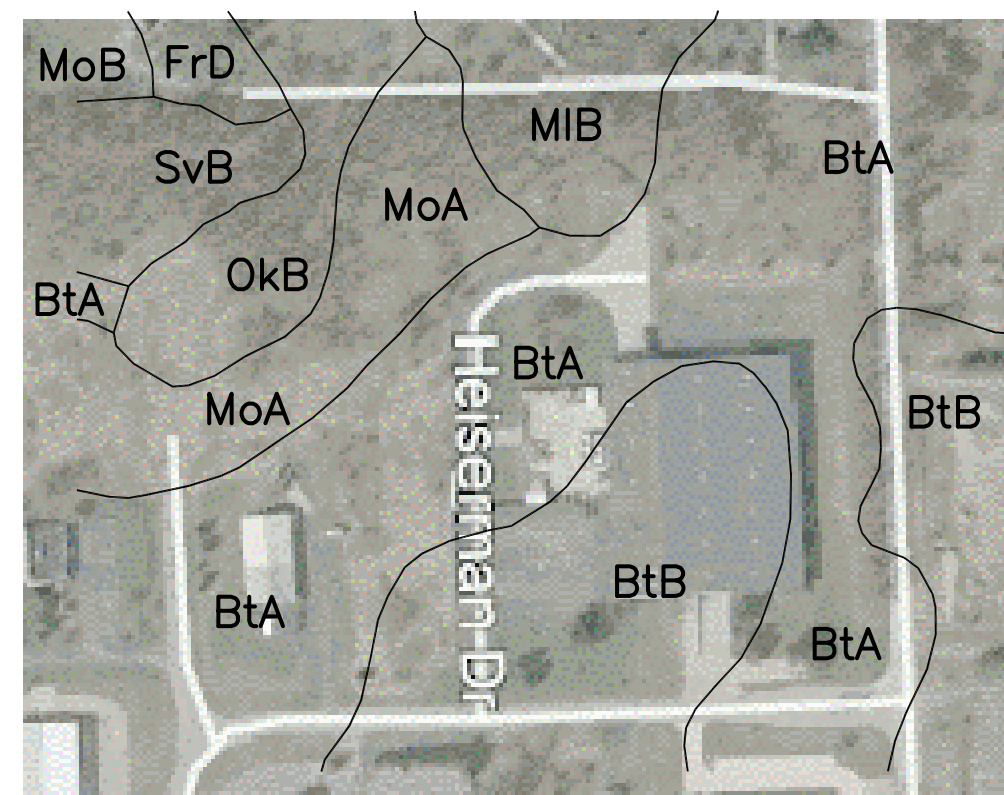
NOT FOR CONSTRUCTION



LEGEND

- FIP FOUND IRON PIPE
- FIB FOUND IRON BAR
- MON FOUND CONCRETE MONUMENT
- EX. UTILITY POLE
- EX. LIGHTPOLE
- EX. GATE VALVE
- EX. CATCH BASIN
- EX. OVERHEAD LINES
- EX. FENCE
- SANITARY MANHOLE/SEPTIC COVER
- EX. AIR CONDITIONER
- EX. PEDESTAL
- EX. TELEPHONE/FIBER MARKER
- EX. TELEPHONE HANDHOLE
- EX. GATE VALVE & WELL
- EX. HYDRANT
- F.D.C. FIRE CONNECTION
- EX. BOLLARD
- EX. POST
- EX. SIGN
- EX. CLEANOUT
- EX. WELL
- EX. ELECTRIC METER
- EX. GAS METER
- EX. GAS FLAG
- EX. MAILBOX
- EX. BRUSH LINE

SOIL MAP



Livingston County, Michigan (MI093)
Map Unit Symbol Map Unit Name Acres in AOI Percent of AOI

BtA	Boyer-Oshtemo loamy sands, 0 to 2 percent slopes	11.2	47.1%
BtB	Boyer-Oshtemo loamy sands, 2 to 6 percent slopes	5.9	24.6%
FrD	Fox-Boyer complex, 12 to 18 percent slopes	0.4	1.7%
MIB	Metamora sandy loam, 0 to 4 percent slopes	1.4	5.9%
MoA	Miami loam, 0 to 2 percent slopes	2.2	9.4%
MoB	Miami loam, 2 to 6 percent slopes	0.2	0.9%
OkB	Okville fine sand, loamy substratum, 0 to 8 percent slopes	1.5	6.4%
SvB	Spinks-Okville loamy sands, 0 to 6 percent slopes	0.9	4.0%
Totals for Area of Interest		23.8	100.0%

BENCHMARKS:

BM#1
ARROW ON HYDRANT 11'± NORTH OF EDGE OF HEISERMAN ROAD & 70'± EAST OF DRIVEWAY FOR #2404 HEISERMAN ROAD. ELEVATION: 979.04 N.A.V.D.88 DATUM

BM#2
ARROW ON HYDRANT 30'± WEST OF NORTHWEST CORNER OF BUILDING #2404. ELEVATION: 978.46 N.A.V.D.88 DATUM

SURVEY NOTES:

- TITLE WORK WAS NOT PROVIDED. EXISTING EASEMENTS, IF ANY, HAVE NOT BEEN SHOWN.
- A WETLAND AND TREE SURVEY WERE NOT PERFORMED AS PART OF THIS SURVEY.

LEGAL DESCRIPTION:

PART OF SECTION 13, T. 2N., R. 5E., GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN, DESCRIBED AS:
BEGINNING AT A POINT DISTANT S89°E 644.6 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 13; THENCE S89°E 661.6 FEET; THENCE SOUTH 665 FEET; THENCE N89°W 661.6 FEET; THENCE NORTH 665 FEET TO THE POINT OF BEGINNING, CONTAINS 10.01 ACRES, MORE OR LESS, AND SUBJECT TO ANY RIGHTS OF WAY, EASEMENTS, AND RESTRICTIONS OF RECORD.

FLOOD HAZARD STATEMENT:

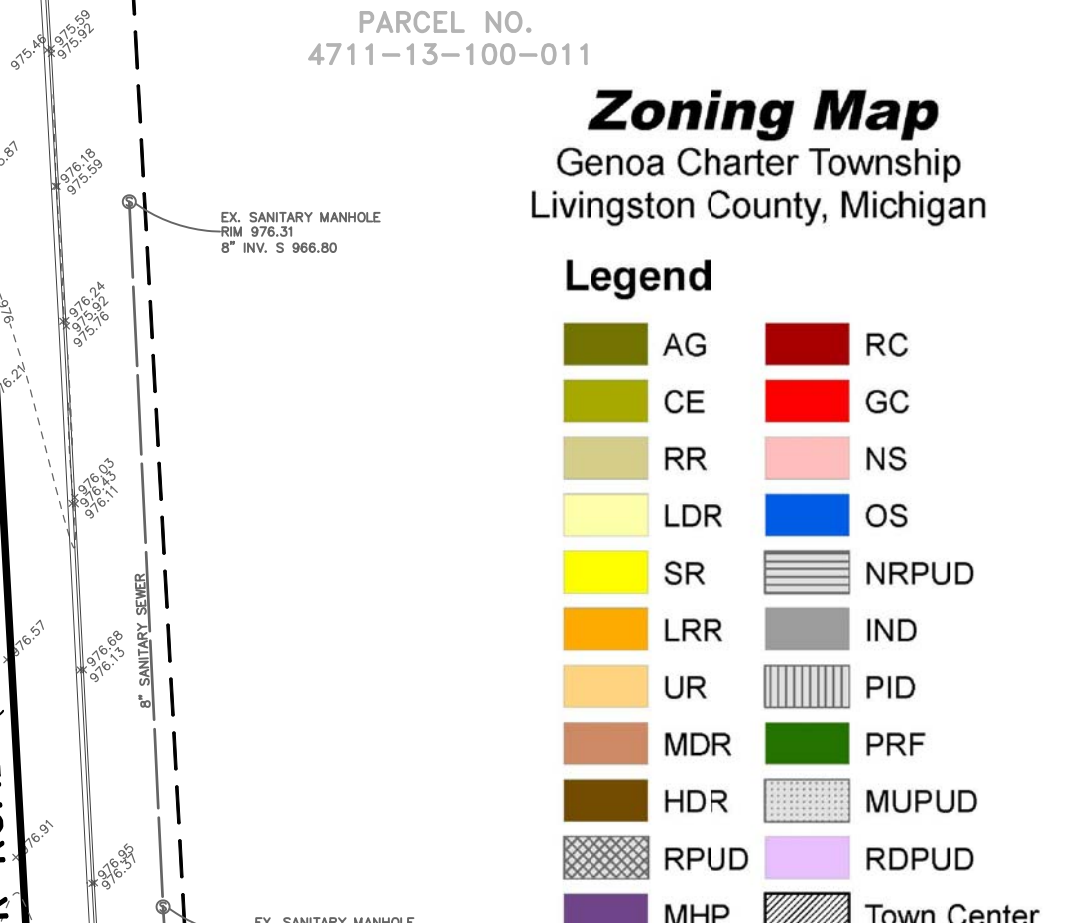
THIS PROPERTY IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" FLOOD HAZARD AREA AS SHOWN ON NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FOR MICHIGAN FLOOD INSURANCE RATE MAP (FIRM) #26093C0335D (COMMUNITY ID NO. 260843 - TOWNSHIP OF GENOA, MI) WITH AN EFFECTIVE DATE OF SEPTEMBER 17, 2008. THIS STATEMENT IS BASED ON THE RESULTS OF GRAPHIC PLOTTING ONTO THE ABOVE NAMED MAP AND PANEL, WHICH IS THE CURRENT MAP FOR THE COMMUNITY IN WHICH THE PROPERTY IS LOCATED. ZONE "X" INDICATES AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

NOTICE:

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NOTE:

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CIVIL ENGINEERS & LAND SURVEYORS
51147 Pontiac Trail, Wyom, MI 48393
Phone: (248) 668-0700 Fax: (248) 668-0701

811
Know what's below
Call before you dig.

TOPOGRAPHIC SURVEY
CLIENT: ACS BUILD, INC.
REVISED 2019-3-20 PER REVIEW
DATE: 02-26-2019
DRAWN BY: RMS
CHECKED BY: JMF
SCALE: HOR 1"= 40 FT. VER 1"= 40 FT.
2

2040 HEISERMAN DRIVE - PARCEL NO 4711-13-100-030
TOWNSHIP 2 N L
GENOA TOWNSHIP
LIVINGSTON COUNTY
MICHIGAN
RANGE: 5 E.
SECTION: 13

NOT FOR CONSTRUCTION

BENCHMARKS:

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ARROW ON HYDRANT 11'± NORTH OF EDGE OF HEISERMAN ROAD & 70'± EAST OF DRIVEWAY FOR #2404 HEISERMAN ROAD. ELEVATION: 979.04 N.A.V.D.88 DATUM

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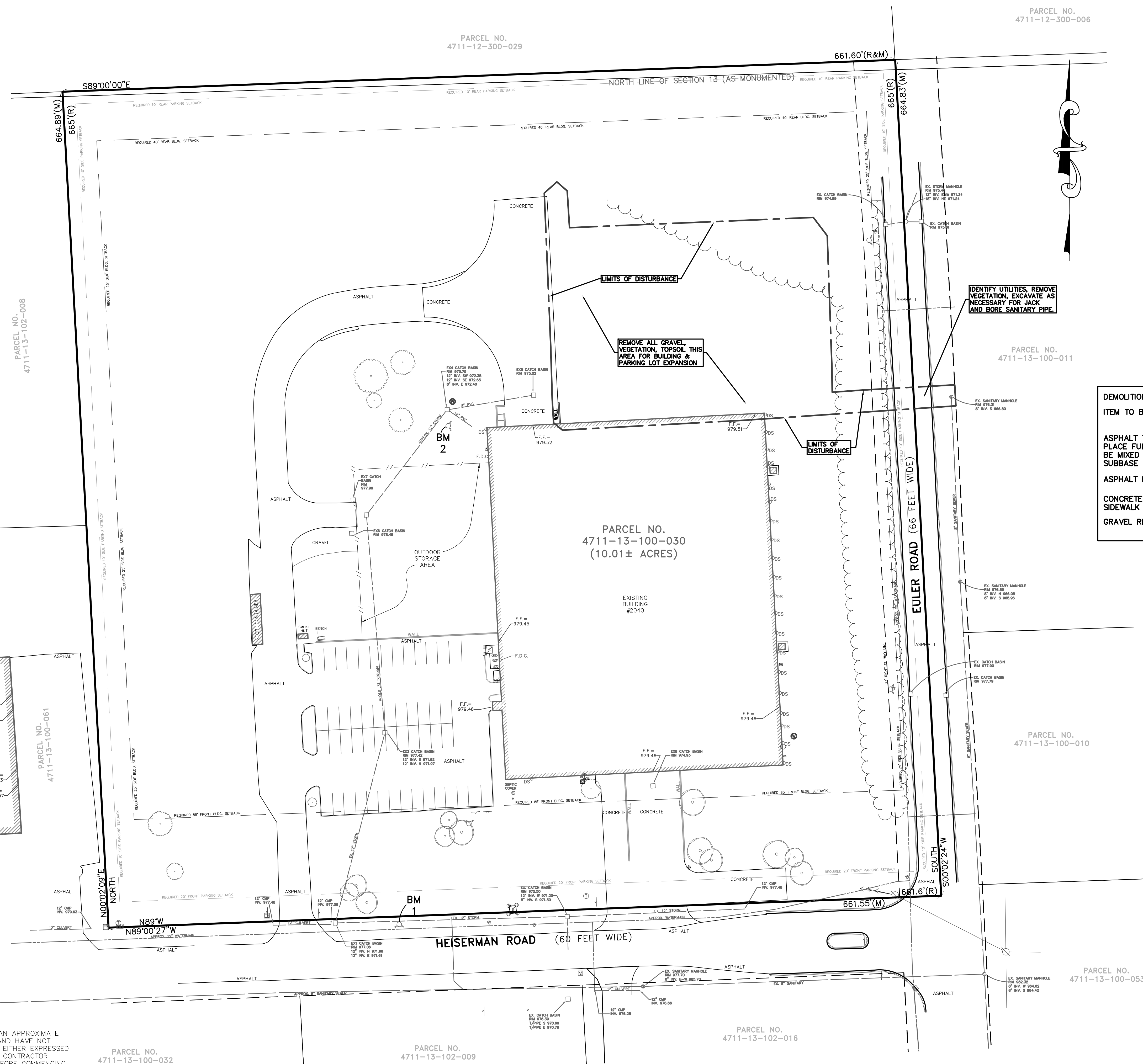
DEMOLITION NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:

- ALL MATERIAL TO BE REMOVED, WHETHER SPECIFICALLY NOTED IN THE PLANS OR NOT, SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF OFF-SITE IN A LEGAL MANNER. NO ON-SITE BURY OR BURN PITS SHALL BE ALLOWED.
- ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES.
- STAGING/PHASING OF DEMOLITION AND CONSTRUCTION IS TO BE COORDINATED WITH THE OWNER AND THE CONTRACTOR PRIOR TO CONSTRUCTION.
- SPECIFIC DEMOLITION ITEMS HAVE BEEN INDICATED ON THE PLANS AS A GUIDE TO THE GENERAL SCOPE OF THE WORK. IT IS THE INTENT THAT THESE ITEMS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR ABOVE AND BELOW GROUND, UNLESS SPECIFICALLY NOTED OTHERWISE, AND THAT DEMOLITION WILL INCLUDE BUT WILL NOT NECESSARILY BE LIMITED TO THESE ITEMS. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS AND EXTENTS OF THE DEMOLITION THAT WILL BE REQUIRED PRIOR TO SUBMITTING A BID.
- REMOVE ALL STRUCTURES DESIGNATED FOR REMOVAL ACCORDING TO THE DEMOLITION PLAN. THIS INCLUDES FOUNDATIONS, FOOTINGS, FOUNDATION WALLS, FLOOR SLABS, UNDERGROUND UTILITIES, CONCRETE, ASPHALT, TREES, ETC.
- REFER TO LANDSCAPE PLANS FOR TREE PROTECTION DETAILS.
- THE CONTRACTOR SHALL, AS A MINIMUM, PROVIDE TREE PROTECTION FENCING AROUND EXISTING TREES TO BE SAVED THAT ARE WITHIN 15' OF CONSTRUCTION ACTIVITIES AND AS INDICATED IN THE PLANS OR PER LOCAL AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP, NOISE, DUST CONTROL, STREET SWEEPING AND HOURS OF OPERATION IN ACCORDANCE WITH THE LOCAL CODES.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, MARKINGS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES TO PROTECT THE WORK ZONE AND SAFELY MAINTAIN TRAFFIC PER AGENCY REQUIREMENTS AND IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD) LATEST EDITION.
- THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO CONFIRM THAT UTILITY LEADS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO DEMOLITION.
- ALL BUILDING GAS LEADS, METERS AND ASSOCIATED EQUIPMENT SHALL BE REMOVED AS SHOWN ON THE PLANS. COORDINATE ALL ASSOCIATED WORK WITH THE APPROPRIATE UTILITY COMPANY.
- REMOVE ALL OVERHEAD AND UNDERGROUND ELECTRICAL LINES WITHIN THE AREA OF CONSTRUCTION AS SHOWN ON THE PLANS. COORDINATE SHUTDOWNS AND REMOVALS WITH DETROIT EDISON OR THE APPROPRIATE UTILITY COMPANY. (NOTE: PHONE AND CABLE T.V. SERVICES MAY ALSO BE LOCATED ON OVERHEAD LINES.)
- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF SIGNS AND SUPPORTS WITHIN THE WORK AREA, AS NECESSARY TO FACILITATE CONSTRUCTION. SIGNS SHALL BE PROTECTED OR STOCKPILED FOR REUSE AS SPECIFIED IN THE PLANS OR AS REQUIRED BY THE AGENCY OF JURISDICTION. THE CONTRACTOR SHALL REPLACE ANY DAMAGED SIGNS AND SUPPORTS AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL NOTIFY MISS DIG, GENOA TOWNSHIP ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

NOTE:

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DEMOLITION LEGEND:

ITEM TO BE REMOVED	Symbol
ASPHALT TO BE MILLED IN PLACE FULL DEPTH. MILLINGS TO BE MIXED WITH EXISTING SUBBASE MATERIAL	[Cross-hatched pattern]
ASPHALT REMOVAL	[Diagonal hatching]
CONCRETE PAVEMENT AND SIDEWALK REMOVAL	[Grid pattern]
GRAVEL REMOVAL	[Stippled pattern]

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CIVIL ENGINEERS & LAND SURVEYORS
51147 Pontiac Trail, Wixom, MI 48393
Phone: (248) 668-0700 Fax: (248) 668-0701

811 Know what's below Call before you dig.

ACS BUILD, INC.

DEMOLITION PLAN

2040 HEISERMAN DRIVE - PARCEL NO 4711-13-100-030
TOWNSHIP: GENOA TOWNSHIP
SECTION: 13
LIVINGSTON COUNTY MICHIGAN

REVISED 2019-3-20 PER REVIEW

DATE: 02-26-2019
DRAWN BY: RMS
CHECKED BY: JMF

SCALE: HORIZONTAL 1"=40 FT. VERTICAL 1"=10 FT.

3

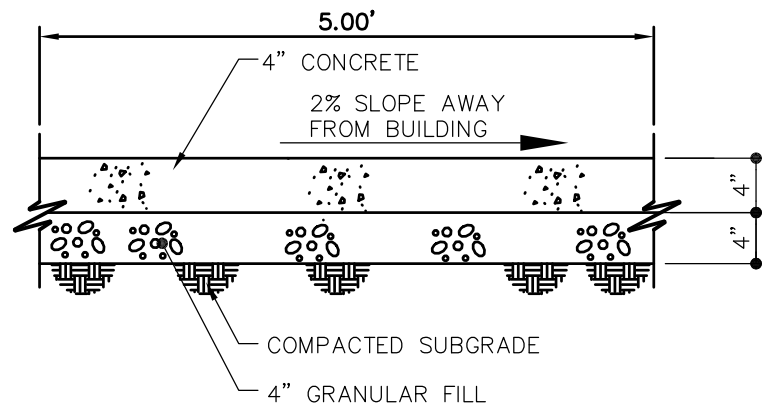
18-120

NOT FOR CONSTRUCTION

BENCHMARKS:

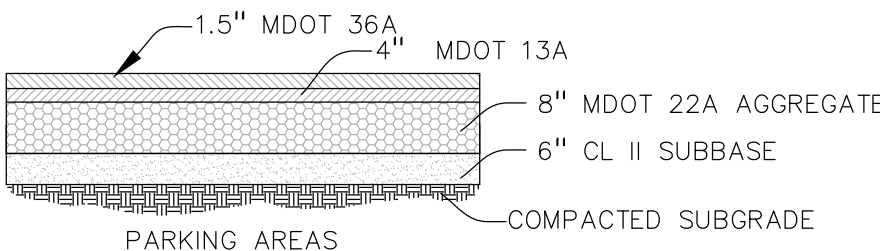
BM#1
ARROW ON HYDRANT 11'± NORTH OF EDGE OF HEISERMAN ROAD & 70'± EAST OF DRIVEWAY FOR #2404 HEISERMAN ROAD. ELEVATION: 979.04 N.A.V.D.88 DATUM

BM#2
ARROW ON HYDRANT 30'± WEST OF NORTHWEST CORNER OF BUILDING #2404. ELEVATION: 978.46 N.A.V.D.88 DATUM



NOTE:
CONTRACTION JOINT SHALL BE 1/4" x 2 3/4" DEEP, SPACED AT 5'-0" INTERVALS. EXPANSION JOINTS SHALL BE 1/2" PREMOLDED FILLER, SPACED AT A MAXIMUM 30' APART. EXPANSION JOINTS TO BE PLACED BETWEEN NEW AND EXISTING CONCRETE.

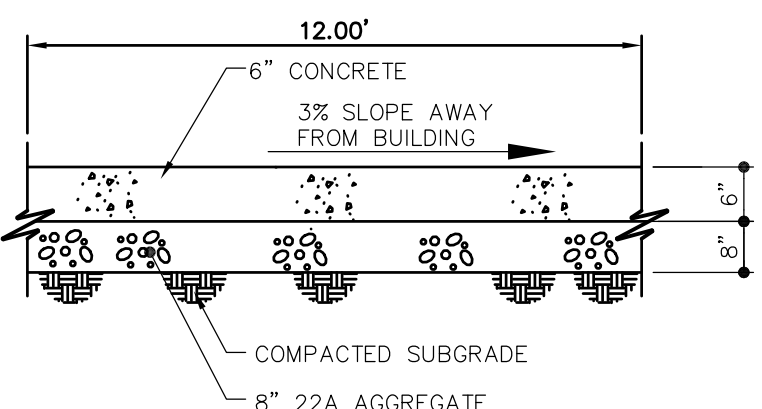
5' WD. CONCRETE WALK
NO SCALE



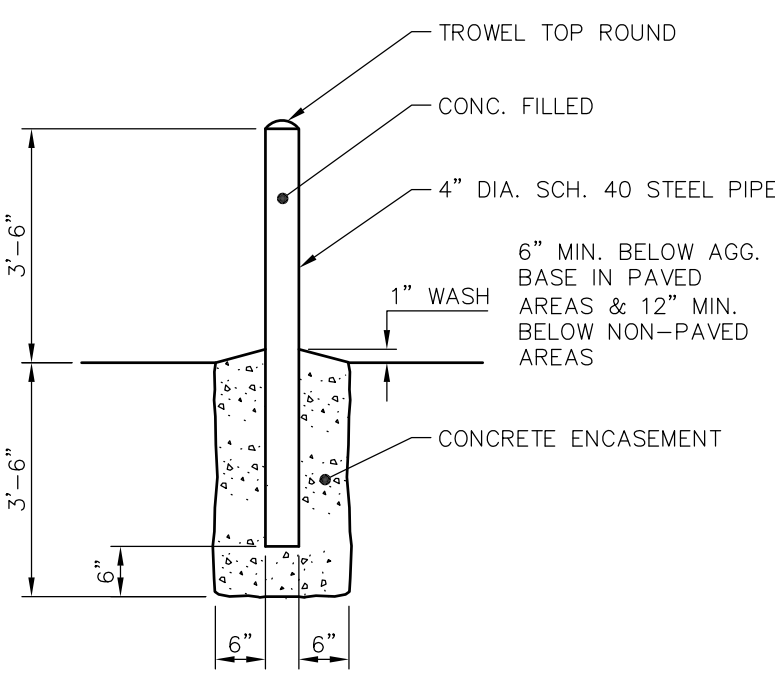
PAVEMENT CROSS-SECTIONS

NOTE:
CONTRACTOR SHALL COORDINATE PAVEMENT SECTIONS WITH OWNER AND GEOTECHNICAL ENGINEERING CONSULTANT RECOMMENDATIONS PRIOR TO CONSTRUCTION.

NOTE:
CONTRACTION JOINT SHALL BE 1/4" x 2 3/4" DEEP, SPACED AT 5'-0" INTERVALS. EXPANSION JOINTS SHALL BE 1/2" PREMOLDED FILLER, SPACED AT A MAXIMUM 30' APART. EXPANSION JOINTS TO BE PLACED BETWEEN NEW AND EXISTING CONCRETE.



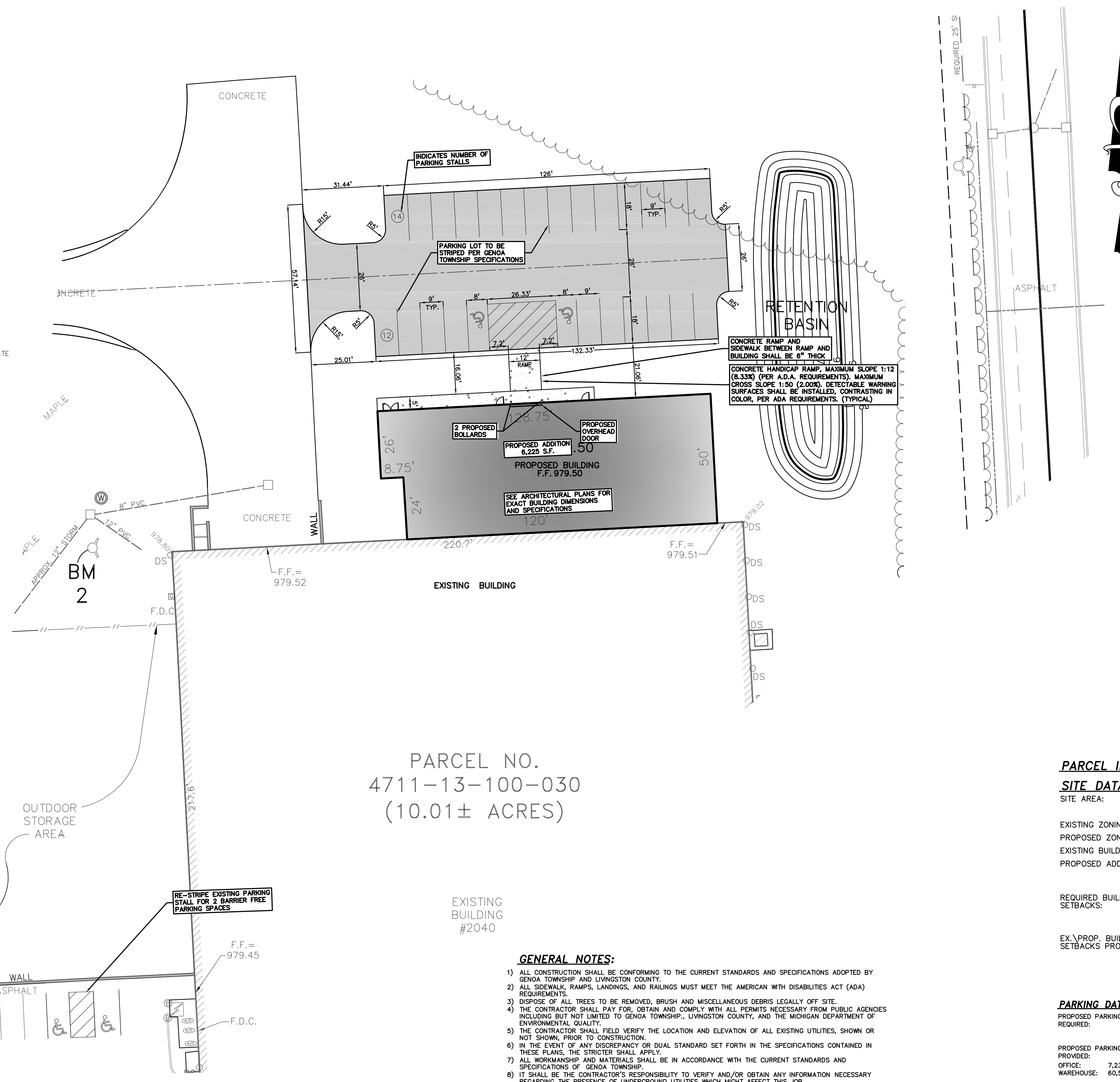
12' WD. CONCRETE
NO SCALE



BOLLARD DETAIL
NO SCALE

NOTE:

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PARCEL NO.
4711-13-100-030
(10.01± ACRES)

EXISTING BUILDING
#2040

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE CONFORMING TO THE CURRENT STANDARDS AND SPECIFICATIONS ADOPTED BY GENOA TOWNSHIP AND LIVINGSTON COUNTY.
- ALL SIDEWALK, RAMPS, LANDINGS, AND RAILINGS MUST MEET THE AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.
- DISPOSE OF ALL TREES TO BE REMOVED, BRUSH AND MISCELLANEOUS DEBRIS LEGALLY OFF SITE.
- THE CONTRACTOR SHALL PAY FOR, OBTAIN AND COMPLY WITH ALL PERMITS NECESSARY FROM PUBLIC AGENCIES INCLUDING BUT NOT LIMITED TO GENOA TOWNSHIP, LIVINGSTON COUNTY, AND THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN, PRIOR TO CONSTRUCTION.
- IN THE EVENT OF ANY DISCREPANCY OR DUAL STANDARD SET FORTH IN THE SPECIFICATIONS CONTAINED IN THESE PLANS, THE STRICTER SHALL APPLY.
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND SPECIFICATIONS OF GENOA TOWNSHIP.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND/OR OBTAIN ANY INFORMATION NECESSARY REGARDING THE PRESENCE OF UNDERGROUND UTILITIES WHICH MIGHT AFFECT THIS JOB.
- NO OUTDOOR STORAGE IS PROPOSED FOR THIS SITE.
- STATE REQUIREMENTS FOR BARRIER FREE PARKING SPACES SUPERSEDE ANY TOWNSHIP REQUIREMENTS.
- ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT, FACE OF SIDEWALK, OUTSIDE FACE OF BUILDING, PROPERTY LINE, CENTER OF MANHOLE/CATCH BASIN OR CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- ANY WORK WITHIN THE STREET OR HIGHWAY RIGHT-OF-WAYS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION AND SHALL NOT BEGIN UNTIL ALL NECESSARY PERMITS HAVE BEEN ISSUED FOR THE WORK.
- ALL WORK SHALL BE COMPLETED IN ONE PHASE. MAINTAIN ACCESS TO EXISTING PARKING, DOCKS, AND STORAGE THROUGHOUT CONSTRUCTION.

LEGEND

EXISTING:	PROPOSED:
(R)	RECORDED
(M)	MEASURED
(F)	FOUND POST
(E)	COMMUNICATION/ELECTRIC
(S)	SECTION CORNER
(U)	UTILITY POLE
(G)	GUY WIRE
(M)	MAILBOX
(F)	FLAG POLE
(A)	AIR CONDITIONER
(L)	LIGHT POLE
(P)	POST
(B)	BOLLARD
(L)	BOLLARD LIGHT
(S)	SIGNAL POLE
(S)	SIGN
(D)	DOWNSPOUT
(C)	CLEANOUT
(I)	INLET
(C)	CATCH BASIN
(E)	END SECTION
(S)	STORM MANHOLE
(S)	SANITARY MANHOLE
(M)	MANHOLE
(T)	TELEPHONE MANHOLE
(E)	ELECTRIC MANHOLE
(H)	HYDRANT
(G)	GATE VALVE
(W)	WATER SHUT OFF
(S)	SOIL BORING
(C)	CONIFEROUS TREE
(D)	DECIDUOUS TREE
(L)	LANDSCAPE TREE
(S)	SANITARY SEWER
(S)	STORM SEWER
(G)	GAS MAIN
(O)	OVERHEAD LINES
(F)	FENCE LINE
(R)	RIGHT OF WAY
(Z)	ZONING LIMITS
(P)	PROPERTY BOUNDARY
(R)	RETAINING WALL
(T)	TREE LINE
(C)	CONTOUR 1 FT. INCR.
(C)	CONTOUR 5 FT. INCR.
(C)	CURB & GUTTER
(S)	SPILLOUT CURB & GUTTER
(W)	WETLAND BOUNDARY
(W)	WETLAND BUFFER
(F)	100 YEAR FLOODPLAIN

HATCH LEGEND

(Pattern)	ASPHALT
(Pattern)	CONCRETE
(Pattern)	PROPOSED BUILDING
(Pattern)	EXISTING BUILDING
(Pattern)	SIDEWALK

PARCEL ID: 4711-13-100-030
SITE DATA: 10.10 ACRES GROSS
EXISTING ZONING: INDUSTRIAL
PROPOSED ZONING: INDUSTRIAL
EXISTING BUILDING: ±63,600 S.F. EXISTING BUILDING (GROSS)
PROPOSED ADDITION: 6,228 S.F. PROPOSED ADDITION (GROSS)

REQUIRED BUILDING SETBACKS: FRONT: 85 FEET, SIDE: 25 FEET, REAR: 40 FEET
EX. PROP. BUILDING SETBACKS PROVIDED: FRONT: 105.55 FEET, EAST SIDE: 119.62 FEET, WEST SIDE: 314.15 FEET, REAR: 227.45 FEET

PARKING DATA:
PROPOSED PARKING REQUIRED: OFFICE: 1 SPACE/300 S.F. (25 SPACES), WAREHOUSE: 1 SPACE/1500 S.F. (41 SPACES), TOTAL REQUIRED: 66 SPACES, 4 BARRIER-FREE
PROPOSED PARKING PROVIDED: OFFICE: 7,235 SF / 300 = 25 SPACES REQUIRED, WAREHOUSE: 60,590 SF / 1500 = 41 SPACES REQUIRED
EXISTING PARKING SPACES: 53 SPACES (LESS 1 FOR BARRIER FREE) 52 SPACES
TOTAL REQUIRED PARKING: 66 SPACES
TOTAL PROVIDED PARKING: 78 SPACES (4 BARRIER FREE SPACES)

GREENTECH ENGINEERING, INC.
CIVIL ENGINEERS & LAND SURVEYORS
51147 Pontiac Trail, Liveston, MI 48393
Phone: (248) 668-0700 Fax: (248) 668-0701

811
Know what's below
Call before you dig.

CLIENT: ACS BUILD, INC.
DIMENSION & PAVING PLAN
2040 HEISERMAN DRIVE - PARCEL NO 4711-13-100-030
SECTION: 13 TOWNSHIP: 21 N. GENOA TOWNSHIP LIVINGSTON COUNTY MICHIGAN
RANGE: 5 E.

REVISED 2019-3-20 PER REVIEW
DATE: 02-26-2019
DRAWN BY: RMS
CHECKED BY: JMF
SCALE: HOR 1"=20 FT. VER 1"=4 FT.
18-120

NOT FOR CONSTRUCTION

BENCHMARKS:

BM#1
ARROW ON HYDRANT 11'± NORTH OF EDGE OF HEISERMAN ROAD & 70'± EAST OF DRIVEWAY FOR #2404 HEISERMAN ROAD. ELEVATION: 979.04 N.A.V.D.88 DATUM

BM#2
ARROW ON HYDRANT 30'± WEST OF NORTHWEST CORNER OF BUILDING #2404. ELEVATION: 978.46 N.A.V.D.88 DATUM

NOTICE:

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

LEGEND

Table with 2 columns: Symbol and Description. Includes symbols for existing storm, water main, sanitary, gas, iron pipe, utility pole, manhole, catch basin, clean out, hydrant, water shutoff, light pole, end section, sign, and proposed catch basin, manhole, end section, sanitary cleanout, row, storm sewer, sanitary sewer, water main, gate valve, hydrant, downspout connection, surface discharge downspout, existing right-of-way, and proposed right-of-way.

GRADING AND DRAINAGE LEGEND:

Table with 2 columns: Symbol and Description. Includes symbols for proposed spot grade elevation, top of pavement, top of walk, top of curb, gutter, finish grade, finish floor, and overland flow direction.

SOIL EROSION LEGEND

Table with 2 columns: Symbol and Description. Includes symbols for inlet filter and silt fence.



SEQUENCE CONSTRUCTION:

- 1. SOIL EROSION AND SEDIMENTATION CONTROL PRE-GRADING MEETING.
2. STAKE TREE CLEARING LIMITS AND INSTALL NATURAL FEATURES PROTECTION FENCING.
3. REMOVE TREE STEMS (NOT ROOT SYSTEMS).
4. INSTALL ALL PERIMETER SOIL EROSION AND SEDIMENTATION CONTROL MEASURES INCLUDING MUD TRACKING SURFACES.
5. GRUB (REMOVE TREE ROOT SYSTEMS) AND ROUGH GRADE SITE, STOCKPILE TOPSOIL (INSTALL TEMPORARY EROSION CONTROLS AROUND STOCKPILE PILES), INSTALL SWALE AND/OR CHANNEL EROSION CONTROLS.
6. INSTALL RETENTION PONDS.
7. STABILIZE THE ENTIRE RETENTION PONDS INCLUDING THE BOTTOM, SIDE SLOPES, AND BERMS WITH TEMPORARY OR PERMANENT VEGETATION.
8. INSTALL ADDITIONAL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES TO PROTECT STABILIZED AREAS FROM SEDIMENTATION.
9. INSTALL SANITARY AND OTHER UTILITIES.
10. INSTALL CURBING AND SUB-BASE OF AREAS TO BE PAVED, THEN INSTALL WEAR COAT OF ASPHALT.
11. BEGIN BUILDING CONSTRUCTION.
12. FINAL GRADE SITE AND REDISTRIBUTE TOPSOIL. STABILIZE ALL DISTURBED WITH SOD, HYDROSEED APPLICATION, OR SEEDING UNDER A CRIMPED STRAW MULCH.
13. MONITOR AND MAINTAIN ALL EROSION CONTROLS THROUGH CONSTRUCTION SEQUENCE.

NOTE: SCHEDULE SUBJECT TO GENOA TOWNSHIP APPROVAL AND WEATHER.

SANITARY NOTES

- 1. ALL NEW SANITARY SEWER SYSTEMS INSTALLED ARE SUBJECT TO GENOA TWP., OR LIVINGSTON COUNTY INSPECTION.
2. ROAD SHOULDERS, ROAD PAVEMENT, PARKING PAVEMENT, CURBS, DRIVEWAYS, SIDEWALKS, DITCHES, DRAINAGE PIPES AND STRUCTURES, FENCES, LAWNS, TREES, BUSHES, MAILBOXES, STREET AND PUBLIC INFORMATION SIGNS, ADVERTISEMENT SIGNS, AND ITEMS NOT LISTED, DAMAGED DURING CONSTRUCTION SHALL BE RESTORED AND/OR REPLACED TO NEW OR SIMILAR CONDITION.
3. ALL SANITARY SEWERS UNDER PROPOSED PAVEMENT OR WITHIN A 1 TO 1 INFLUENCE OF PAVEMENT SHALL BE BACKFILLED WITH SAND AND COMPACTED TO 95% OPTIMUM DENSITY.
4. MAINTAIN 10 FEET OF MINIMUM HORIZONTAL AND 18" VERTICAL CLEARANCE BETWEEN ALL UTILITIES.
5. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT STANDARDS AND SPECIFICATIONS OF GENOA TOWNSHIP.
6. CALL MISS DIG (1-800-482-7171) A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
7. NO CONNECTIONS SHALL BE MADE TO THE EXISTING SANITARY SEWER SYSTEM UNTIL FINAL PRESSURE TESTING HAS BEEN ACCEPTED BY TOWNSHIP SANITARY SEWER SYSTEM OPERATOR OR SUCCESSOR OPERATOR OF THE SANITARY SEWER SYSTEM AND THE TOWNSHIP ENGINEER.
8. SEE GENOA TOWNSHIP DETAILS FOR PIPE BEDDING.
9. ALL SANITARY SEWER LEADS SHALL BE POLYVINYL CHLORIDE (PVC) SDR 23.5 PIPE AND FITTINGS. ALL JOINTS TO BE ELASTOMERIC GASKET JOINTS PER ASTM D3212 UNLESS OTHERWISE NOTED.
10. NO CONNECTION TO RECEIVING STORM WATER, SURFACE WATER, WATER SOFTENER BACKWASH DISCHARGE, OR GROUND WATER SHALL BE MADE TO SANITARY SEWERS.
11. PIPE LENGTHS ARE GIVEN FROM CENTER OF STRUCTURE AND TO END OF FLARED END SECTION UNLESS NOTED OTHERWISE.

GENERAL UTILITY NOTES

- 1. ALL UTILITY LINES, STRUCTURES AND TRENCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF GENOA TOWNSHIP.
2. MAINTENANCE OF THE STORMWATER RETENTION FACILITIES WILL BE THE RESPONSIBILITY OF THE OWNER.
3. REVIEWS AND APPROVAL OF THE STORM SEWER SYSTEM BY THE LIVINGSTON COUNTY DRAIN COMMISSIONER AND GENOA TOWNSHIP.
4. THERE ARE NO PROPOSED FLOOR DRAINS IN SHOP AREA OF BUILDING, ONLY BATHROOM.
8. CALL MISS DIG 72 HOURS PRIOR TO ANY EXCAVATION ON THE SITE.
9. ALL FOOTING LEADS TO BE CONNECTED TO THE ON-SITE STORM SYSTEM.
10. THE PROPOSED BUILDING SHALL HAVE FIRE SUPPRESSION SYSTEM INSTALLED.

RESTORATION NOTE:

THE CONTRACTOR SHALL RESTORE AREAS DISTURBED FROM HIS CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER, AND TO THE SATISFACTION OF THE OWNER. LANDSCAPE AREAS REQUIRING RESTORATION SHALL INCLUDE MIN. 3" TOPSOIL AND SOD. PAVEMENT AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, WITH THE APPLICABLE CROSS-SECTION TO MATCH EXISTING.

EARTHWORK BALANCING NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING OR EXPORTING ALL MATERIALS AS REQUIRED TO PROPERLY GRADE THIS PROJECT TO THE FINISHED ELEVATIONS SHOWN ON THE APPROVED PLANS. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF CUT AND FILL QUANTITIES AND ALLOW FOR REMOVAL OF EXCESS OR IMPORTATION OF ADDITIONAL MATERIAL AT NO ADDITIONAL COST TO THE OWNER.

GENOA SOIL EROSION CONTROL NOTES:

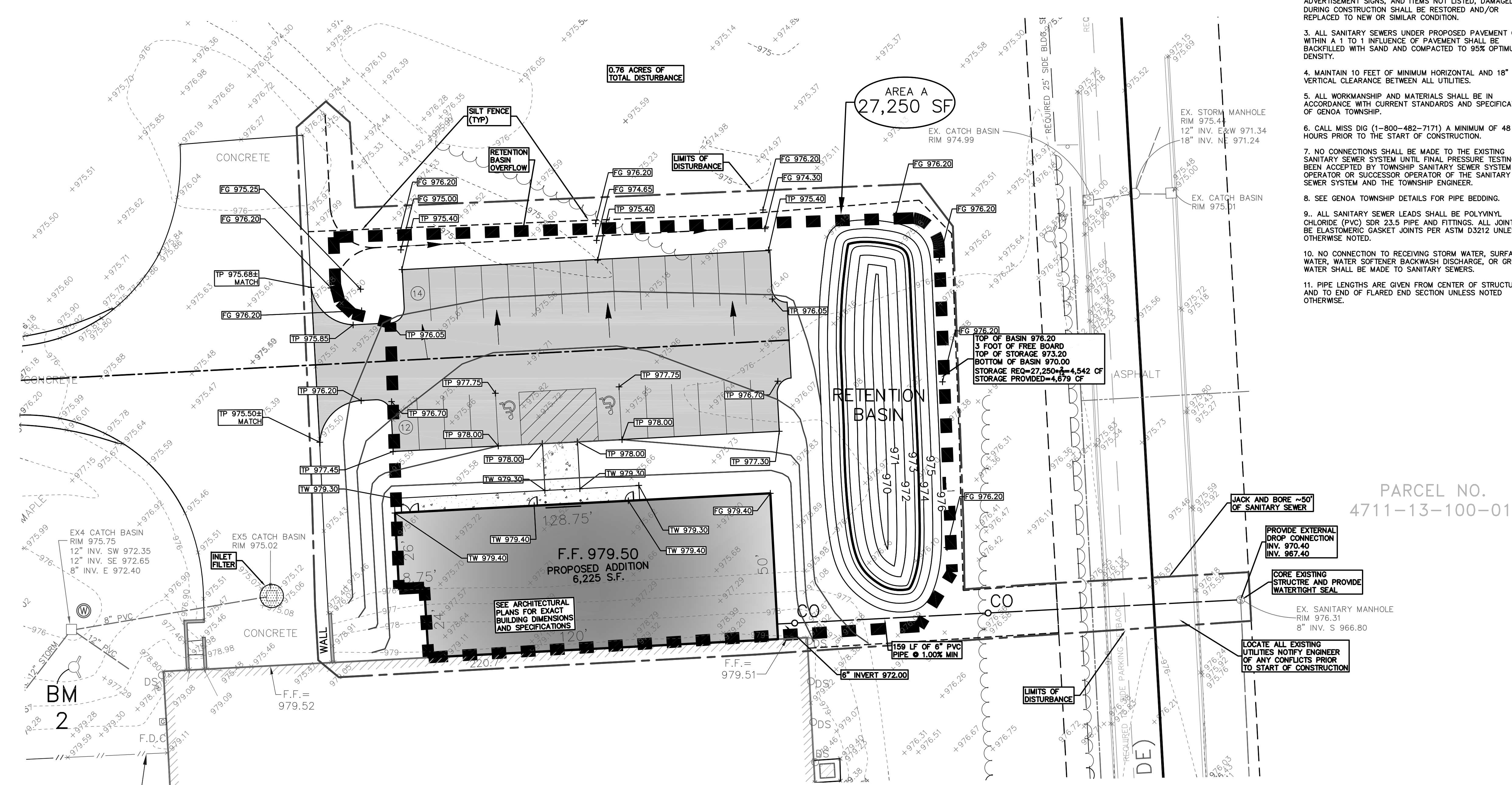
- CONTRACTOR TO PLACE EROSION CONTROL MATS IN ALL DISTURBED AREAS WHICH HAVE A 3 ON 1 SLOPE OR STEEPER.
PERMANENT SOIL EROSION CONTROLS ARE REQUIRED TO BE INSTALLED WITHIN FIVE (5) DAYS AFTER FINAL GRADING OR FINAL EARTH CHANGE.
INTERNAL AND EXTERNAL STREETS SHALL BE CLEANED OF ANY TRACKED MUD IMMEDIATELY FOLLOWING EACH MUD-TRACKING OCCURRENCE.
PRELIMINARY APPROVAL OF THE THE STORMWATER MANAGEMENT PLANS WILL BE REQUIRED BY GENOA TOWNSHIP.

GRADING NOTES

- 1. SUBGRADE PREPARATION FOR PAVEMENT AND UTILITIES SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER.
2. ACCEPTABLE FILL MATERIAL FROM UNDERCUTTING MAY BE USED AS ENGINEERED FILL AS APPROVED BY SOILS ENGINEER.
3. CONTRACTOR SHALL TEMPORARILY STOCKPILE TOP SOIL TO BE USED FOR FINAL GRADING.
4. REMOVE ANY EXISTING TOPSOIL, ORGANIC SOILS, VEGETATION, TREES AND OTHER DELETERIOUS MATERIALS TO EXPOSE THE SUBGRADE SOIL. TREES SHOULD BE COMPLETELY REMOVED. THE TOP 12 INCHES OF THE EXPOSED SUBGRADE AS WELL AS INDIVIDUAL FILL LAYERS SHOULD BE COMPACTED TO ACHIEVE A 95% COMPACTION LEVEL. (MODIFIED PROCTOR - ASTM D1557).
5. THE FINAL SUBGRADE SHOULD BE THOROUGHLY PROFFERED USING A FULLY LOADED TANDEM AXLE TRUCK UNDER THE OBSERVATION OF A GEOTECHNICAL/PAVEMENT ENGINEER. LOOSE OR YIELDING AREAS THAT CAN NOT BE MECHANICALLY STABILIZED SHOULD BE REMOVED AND REPLACED WITH ENGINEERED FILL.
6. THE AGGREGATE BASE SHOULD BE COMPACTED TO ACHIEVE A 95 PERCENT COMPACTION LEVEL (MODIFIED PROCTOR - ASTM D1557). THE BASE AND SUBGRADE COMPACTION SHOULD EXTEND A MINIMUM OF 1 FOOT BEYOND THE PAVED EDGE.
7. ALL BITUMINOUS MATERIAL SHOULD BE COMPACTED TO A DENSITY OF 97% OF THE MAXIMUM DENSITY AS DETERMINED BY THE MARSHALL METHOD.
8. SAWCUT AND REMOVE EXISTING CURBS AND PAVEMENT AS NECESSARY FOR CONSTRUCTION.
9. WHERE PROPOSED PAVEMENT AND CURB MEETS EXISTING PAVEMENT AND CURB PRIOR TO CONSTRUCTION, PAVING CONTRACTOR SHALL TAKE EXTRA CARE TO ENSURE 1% MINIMUM PAVEMENT SLOPE IS ACHIEVED AND SHALL CONTACT DESIGN ENGINEER PRIOR TO CONSTRUCTION IF A CONFLICT IS APPARENT.
10. ADJUST ALL MANHOLE COVERS AS REQUIRED TO MATCH FINAL GRADES AND PROVIDE POSITIVE DRAINAGE.
11. NO GRADING TO TAKE PLACE ON ADJACENT PROPERTIES
12. ALL SIDEWALKS TO BE ADA COMPLIANT.
13. ALL SPOT GRADES SHOWN ON THIS PLANS ARE PROPOSED TOP OF PAVEMENT UNLESS OTHERWISE NOTED.

MAINTENANCE REQUIREMENTS:

- 1. ALL SILT FENCE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT, IF AT ANY TIME THE DEPTH OF SILT AND SEDIMENT COMES TO WITHIN 12" OF THE TOP OF ANY SILT FENCE, ALL SILT AND SEDIMENT SHALL BE REMOVED TO ORIGINAL GRADE
2. ALL TEMPORARY GRAVEL FILTERS SHOULD BE ADJUSTED AS TO LOCATION PER ACTUAL FIELD CONDITIONS. THE REMOVAL OF TRAPPED SEDIMENT AND THE CLEANOUT OR REPLACEMENT OF CLOGGED STONE MAY BE NECESSARY AFTER EACH STORM EVENT DURING THE PROJECT.
3. ONLY UPON STABILIZATION OF ALL DISTURBED AREAS MAY THE SILT FENCE AND TEMPORARY GRAVEL OR FABRIC INLET FILTERS BE REMOVED. ALL STORM SEWERS MUST ALSO BE CLEANED OF ALL SEDIMENT.



NOTE:

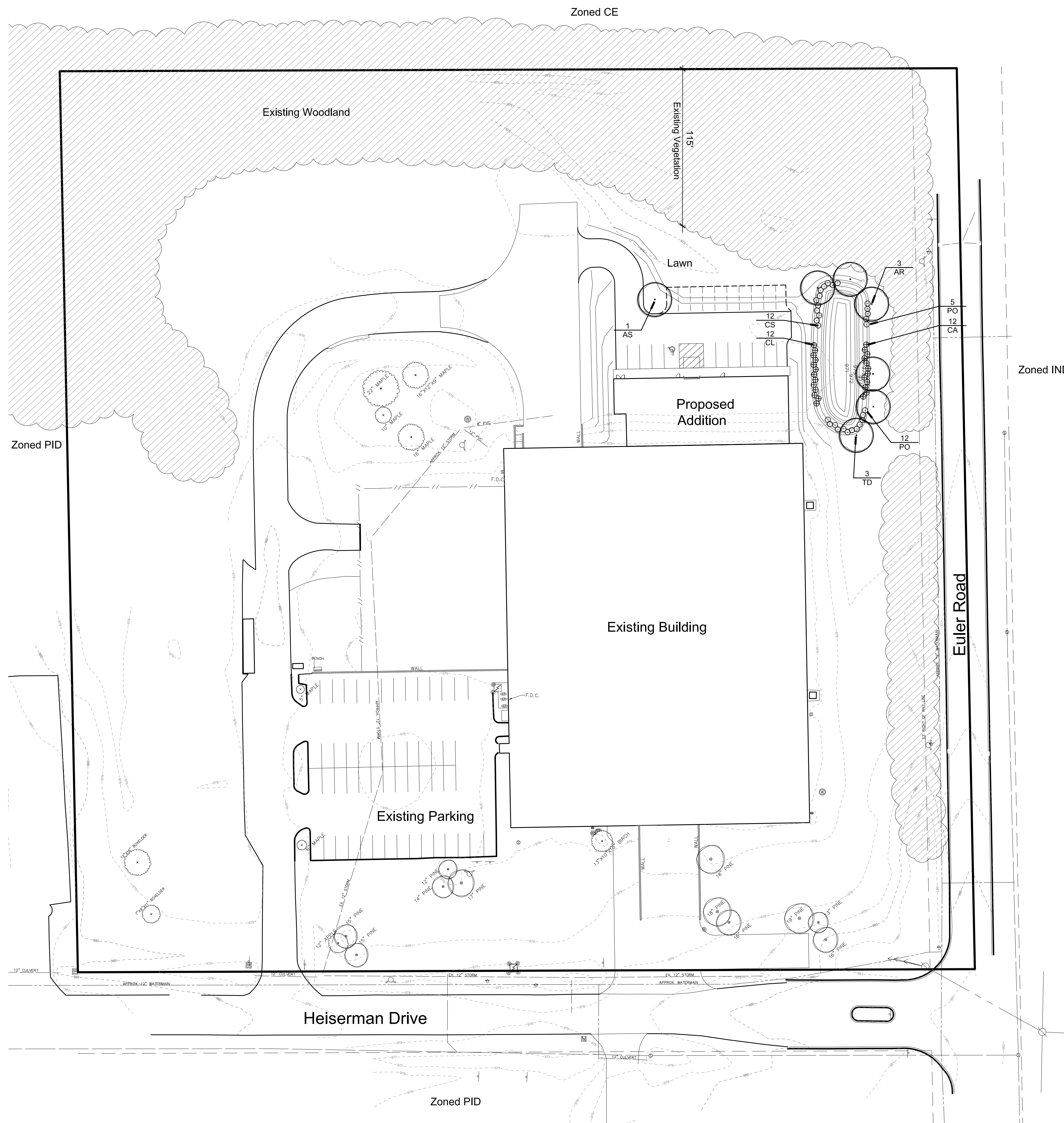
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AS DISCLOSED BY AVAILABLE UTILITY COMPANY RECORDS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE COMPANY. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY IF A CONFLICT IS APPARENT.

GREENTECH ENGINEERING, INC. CIVIL ENGINEERS & LAND SURVEYORS. 51147 Pontiac Trail, Wixom, MI 48393. Phone: (248) 668-0700. Fax: (248) 668-0701.

811 Know what's below Call before you dig.

CLIENT: ACS BUILD, INC. GRADING, UTILITY & SESC PLAN. 2040 HEISERMAN DRIVE - PARCEL NO 4711-13-100-030. SECTION: 13. TOWNSHIP: 21L. GENOA TOWNSHIP. LIVINGSTON COUNTY. MICHIGAN.

REVISED 2019-3-20 PER REVIEW. DATE: 02-26-2019. DRAWN BY: RMS. CHECKED BY: JMF. SCALE: HOR 1"=20 FT. VER 1"=5 FT. NOT FOR CONSTRUCTION.



Landscape Summary

Buffer Zone "A"	
Buffer Zone Width	50'
Buffer Zone Width Provided	115'
Waiver is Requested Due to Existing Vegetation	
Parking Lot Landscaping	
Total Proposed Spaces	12 Spaces
Trees Required	1 Tree (12 / 10)
Trees Provided	1 Tree
Detention Pond	
Top of Bank Length	266 l.f.
Trees Required	5.3 Trees (1 per 50')
Trees Provided	6 Trees
Shrubs Required	53 Shrubs (10 per 50')
Shrubs Provided	53 Shrubs

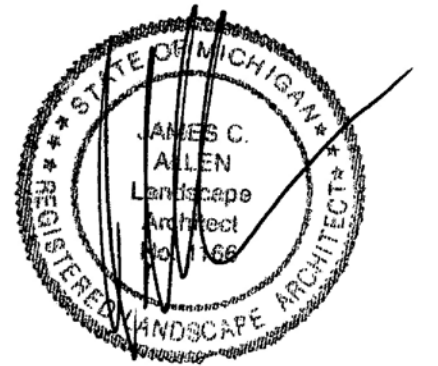
Plant List

sym.	qty.	botanical name	common name	caliper	spacing	root	height
AR	3	Acer rubrum	Red Maple	2.5"	as shown	B&B	
AS	1	Acer saccharum	Sugar Maple	2.5"	as shown	B&B	
CA	12	Cornus amomum	Silky Dogwood		as shown		24"
CL	12	Clethra alnifolia	Summersweet		as shown		24"
CS	12	Cornus sericea 'Arctic Fire'	Arctic Fire Red Twig Dogwood		as shown		24"
PO	17	Physocarpus opulifolius	Eastern Ninebark		as shown		24"
TD	3	Taxodium distichum	Bald Cypress	2.5"	as shown	B&B	

Notes:
 All Landscaped Areas Shall be Provided with an Automatic Underground Irrigation System

All Disturbed Lawn Areas to be Repaired.

Seal:



Title:

Landscape Plan

Project:

**Transtar
 Genoa Township, Michigan**

Prepared for:

Greentech Engineering, INC
 51147 Pontiac Trail
 Wixom, Michigan 48393
 248.668.0700

Revision:

Submission
 Revised

Issued:

April 2, 2018
 February 27, 2019

Job Number:

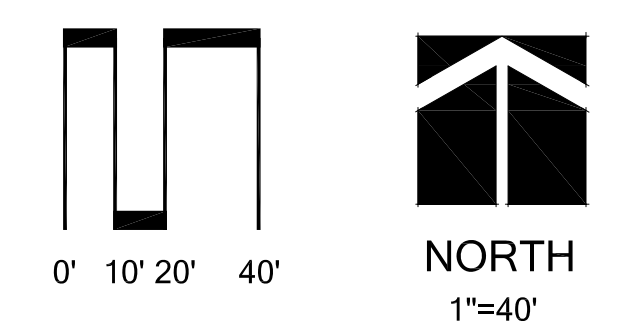
18-023

Drawn By:

jca

Checked By:

jca



Sheet No.



L-1

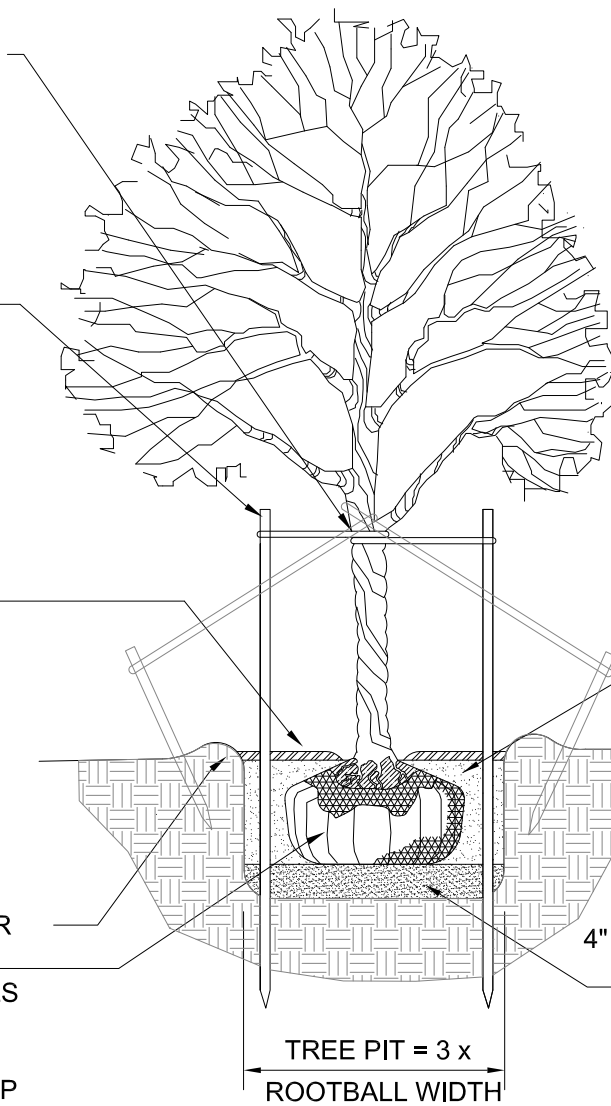
NOTE:
 GUY DECIDUOUS TREES ABOVE
 3" CAL. STAKE DECIDUOUS
 TREES BELOW 3" CAL.

STAKE TREES AT FIRST BRANCH
 USING 2"-3" WIDE BELT-LIKE
 NYLON OR PLASTIC STRAPS.
 ALLOW FOR SOME MINIMAL
 FLEXING OF THE TREE.
 REMOVE AFTER ONE YEAR.

2" X 2" HARDWOOD STAKES,
 MIN. 36" ABOVE GROUND FOR
 UPRIGHT, 18" IF ANGLED. DRIVE
 STAKES A MIN. 18" INTO
 UNDISTURBED GROUND
 OUTSIDE ROOTBALL. REMOVE
 AFTER ONE YEAR.

MULCH 4" DEPTH WITH
 SHREDDED HARDWOOD BARK,
 NATURAL IN COLOR. LEAVE 3"
 CIRCLE OF BARE SOIL AT BASE
 OF TREE TRUNK. PULL ANY
 ROOT BALL DIRT EXTENDING
 ABOVE THE ROOT FLARE AWAY
 FROM THE TRUNK SO THE ROOT
 FLARE IS EXPOSED TO AIR.

MOUND EARTH TO FORM SAUCER
 REMOVE ALL
 NON-BIODEGRADABLE MATERIALS
 COMPLETELY FROM THE
 ROOTBALL. CUT DOWN WIRE
 BASKET AND FOLD DOWN BURLAP
 FROM TOP 1/2 OF THE ROOTBALL.



NOTE:
 TREE SHALL BEAR SAME
 RELATION TO FINISH GRADE AS
 IT BORE ORIGINALLY OR
 SLIGHTLY HIGHER THAN FINISH
 GRADE UP TO 6" ABOVE GRADE,
 IF DIRECTED BY LANDSCAPE
 ARCHITECT FOR HEAVY CLAY
 SOIL AREAS.

DO NOT PRUNE TERMINAL
 LEADER. PRUNE ONLY DEAD OR
 BROKEN BRANCHES.

REMOVE ALL TAGS, STRING,
 PLASTICS AND OTHER
 MATERIALS THAT ARE
 UNSIGHTLY OR COULD CAUSE
 GIRDLING.

PLANTING MIXTURE:
 AMEND SOILS PER
 SITE CONDITIONS
 AND REQUIREMENTS
 OF THE PLANT
 MATERIAL.

SCARIFY SUBGRADE
 AND PLANTING PIT
 SIDES. RECOMPACT
 BASE OF TO 4"
 DEPTH.

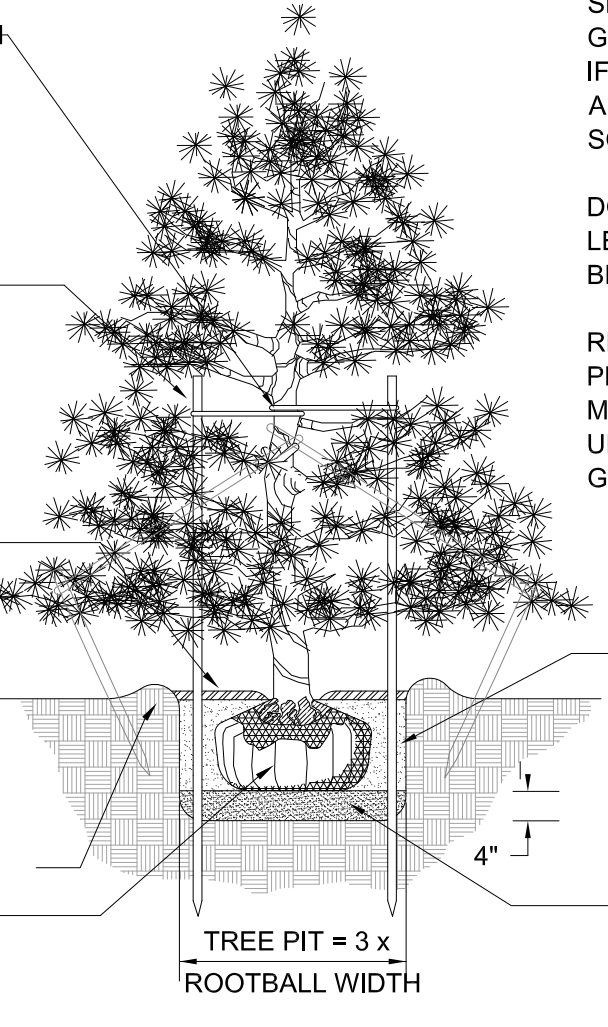
NOTE:
 GUY EVERGREEN TREES ABOVE
 12' HEIGHT. STAKE EVERGREEN
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 SOIL AREAS.

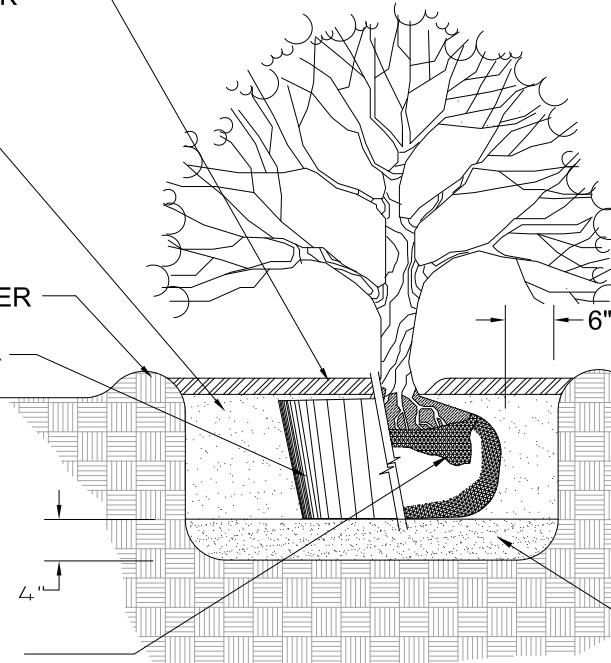
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 GIRDLING.

MULCH 3" DEPTH WITH
 SHREDDED HARDWOOD BARK,
 NATURAL IN COLOR. PULL BACK
 3" FROM TRUNK.

PLANTING MIXTURE:
 AMEND SOILS PER
 SITE CONDITIONS
 AND REQUIREMENTS
 OF THE PLANT
 MATERIAL.
 MOUND EARTH TO FORM SAUCER

REMOVE ALL
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 COMPLETELY FROM THE
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SCARIFY SUBGRADE
 AND PLANTING PIT
 SIDES. RECOMPACT
 BASE OF TO 4"
 DEPTH.

DECIDUOUS TREE PLANTING DETAIL

NOT TO SCALE

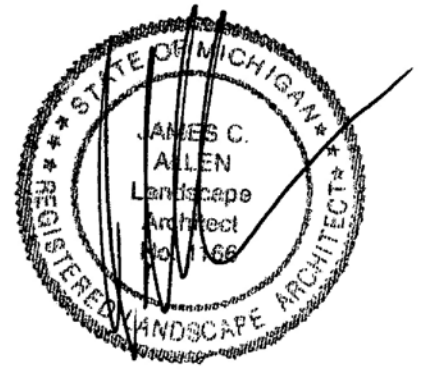
EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE

SHRUB PLANTING DETAIL

NOT TO SCALE

Seal:



Title:

Landscape Details

Project:

Transtar
 Genoa Township, Michigan

Prepared for:

Greentech Engineering, INC
 51147 Pontiac Trail
 Wixom, Michigan 48393
 248.668.0700

Revision:

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jca

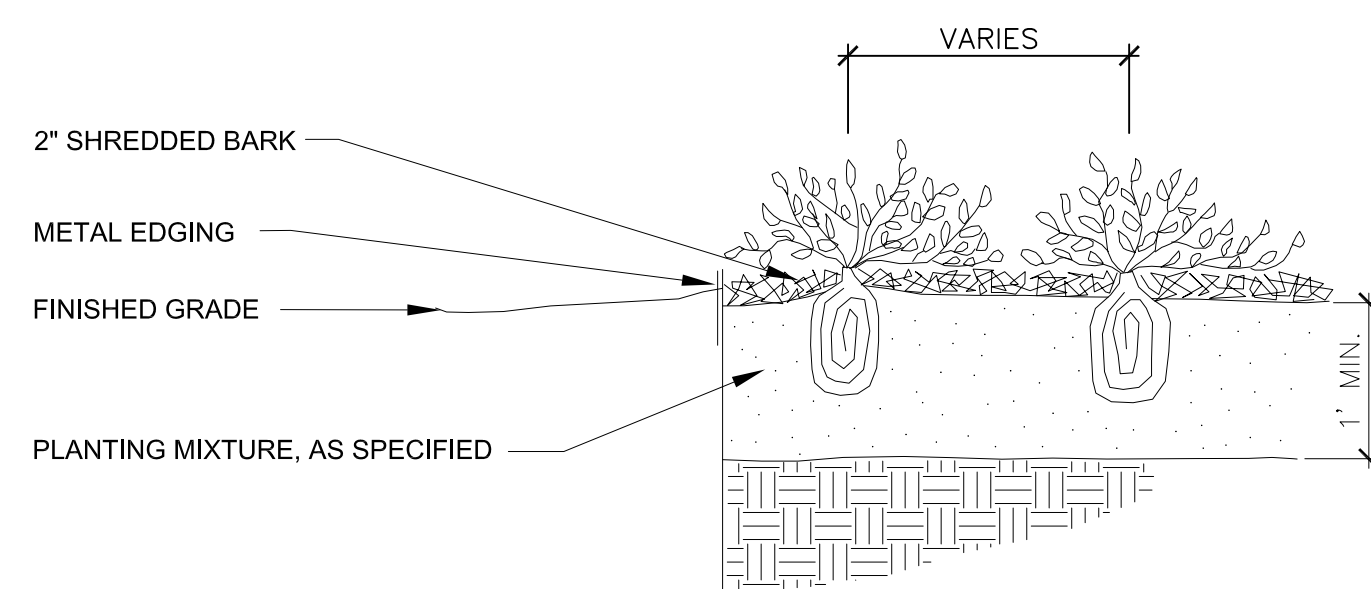
Checked By:

jca

Sheet No.

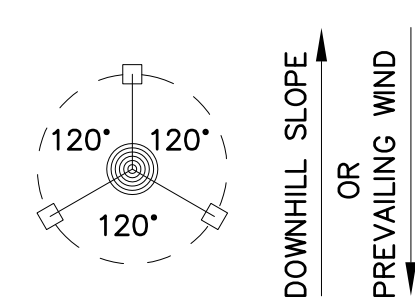


L-2



PERENNIAL PLANTING DETAIL

Not to scale

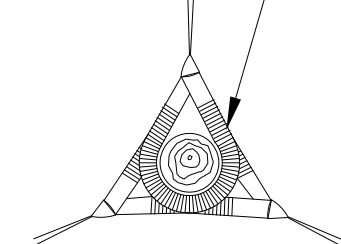


STAKING/GUYING LOCATION

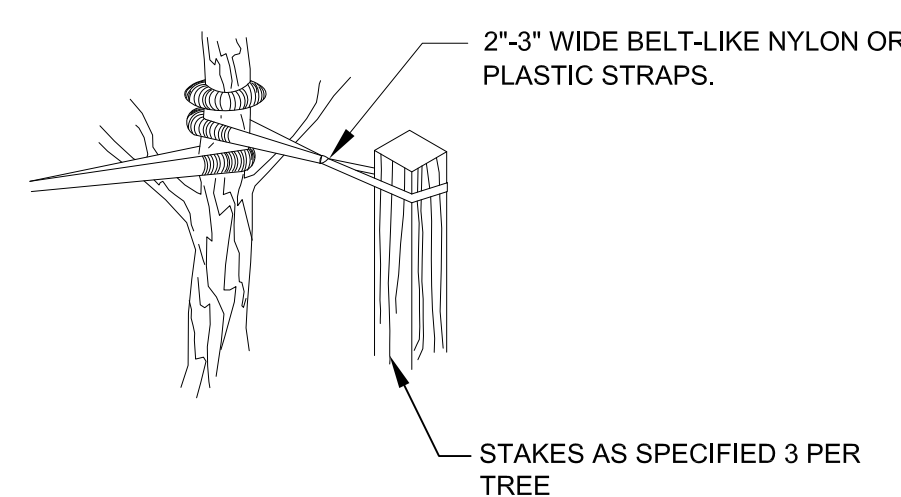
NOTE:
 ORIENT STAKING/GUYING TO PREVAILING
 WINDS, EXCEPT ON SLOPES GREATER
 THAN 3:1 ORIENT TO SLOPE.

USE SAME STAKING/GUYING
 ORIENTATION FOR ALL PLANTS WITHIN
 EACH GROUPING OR AREA

2"-3" WIDE BELT-LIKE NYLON OR
 PLASTIC STRAPS.



GUYING DETAIL



STAKING DETAIL

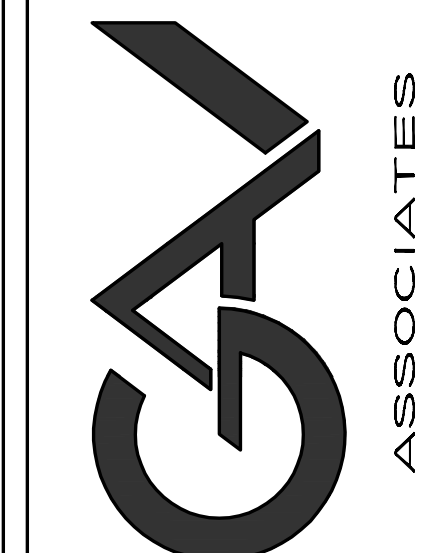
TREE STAKING DETAIL

Not to scale

ISSUED FOR	DATE
PRELIM	1.16.18
	1.15.18
	9-22-18
SPA	4.11.18
	2.27.19

ARCHITECTURAL DESIGN
 RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

G.A.V. ASSOCIATES, INC
 24001 ORCHARD LAKE RD., STE. 180A
 FARMINGTON, MICHIGAN 48336
 PH: (248) 988-9101
 WEB: WWW.GAVASSOCIATES.COM



ACSBUILD, INC.
 28525 Beck Road
 Wixom, Mich. 48393
 Ph: 248-348-9911
 Fax: 248-348-9922

PROPOSED ADDITION FOR:
 TRANSTAR, INC.
 HEISERMAN DRIVE
 BRIGHTON TWP., MI

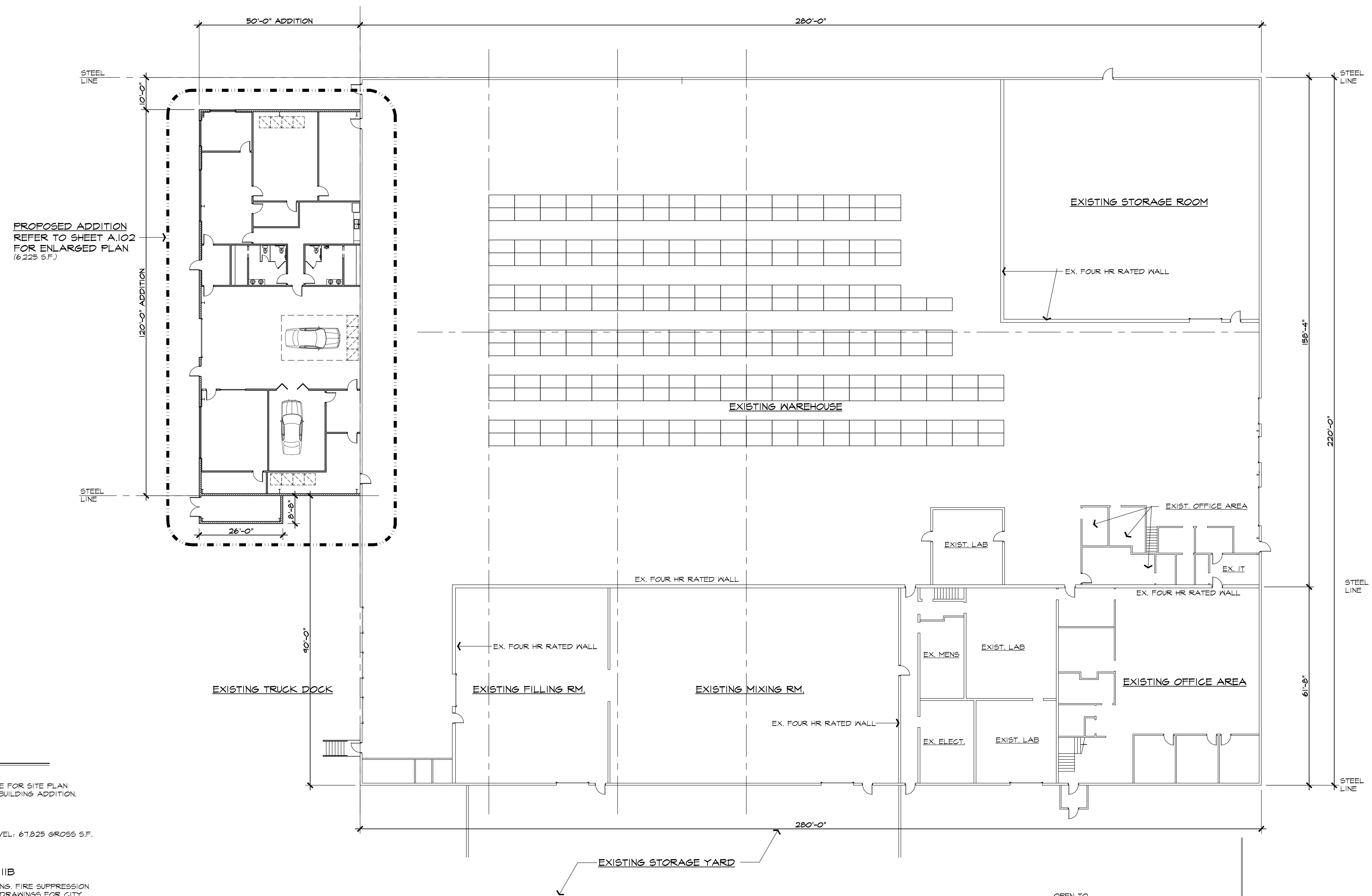
DRAWN: DESIGNED: CHECKED:

SCALE:

FILE NAME:

JOB #: 18006

SHEET TITLE
 MAIN LEVEL FLOOR PLAN
 SHEET #
A.101



DESIGN DATA

NOTE:
 PLANS BEING SUBMITTED BY ARE FOR SITE PLAN APPROVAL OF THE PROPOSED BUILDING ADDITION.

BUILDING DATA
 TOTAL BUILDING AREA MAIN LEVEL: 67,825 GROSS S.F.

USE GROUP: B / S-1

CONSTRUCTION CLASS.: IIB
 FULLY FIRE SUPPRESSED BUILDING. FIRE SUPPRESSION CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR CITY REVIEW OF PROPOSED ADDITION.

CODE REFERENCE

- * MICHIGAN BUILDING CODE 2015
- * MICHIGAN BARRIER FREE CODE & ICC/ANSI A117.1 2009
- * MICHIGAN BARRIER FREE DESIGN LAM P.A. 1 OF 1966 AS AMENDED
- * MICHIGAN MECHANICAL CODE 2015 (M.M.C.)
- * MICHIGAN PLUMBING CODE 2015 (M.P.C.)
- * INTERNATIONAL FUEL GAS CODE 2015 (I.F.G.C.)
- * MBC 2012 CHAPTER 13 & MICHIGAN UNIFORM ENERGY CODE 2012 CHAPTER 5 AND PART 10a - RULES (ANSI/ASHRAE/IESNA STANDARD 90.1 2009)
- * NATIONAL ELECTRICAL CODE 2014 N.E.C. W/ PART B AMENDMENTS(M.E.C.)
- * INTERNATIONAL FIRE CODE 2015 (I.F.C.)
- * PROJECT SHALL COMPLY W/ MBC 2015 CHP. 35

ALLOWED BUILDING AREA SECTION 506

At VALUES

S-1 USE BASE AREA: 17,500 S.F.
 B USE BASE AREA: 23,000 S.F.

FRONTAGE INCREASE (506.3)

IF = [F/P - 0.25] W/30
 = [(1192 / 1192 - 0.25) W/30]
 = .75

MAX. AREA (506.2.1)

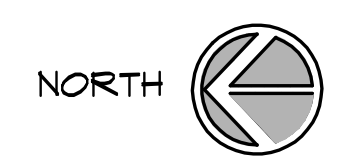
USE S-1 WORST CASE SINGLE OCCUPANCY, ONE STORY, FIRE SUPPRESSED
 Aq = At + (NS x IF)
 = 17,500 x .75
 = 13,125 S.F.
 At (S1 TABLE 506.2) = 70,000 S.F.
 Aq = 70,000 + 13,125 = 83,125 S.F.
 PROPOSED = 67,825 S.F.



MAIN LEVEL FLOOR PLAN

EX. MAIN LEVEL: 61,600 S.F.
 PROPOSED ADDITION: 6,225 S.F.

SCALE: 1/16"=1'-0"



EXISTING MEZZANINE FLOOR PLAN (OFFICE AREA)

+/- 3,100 S.F.

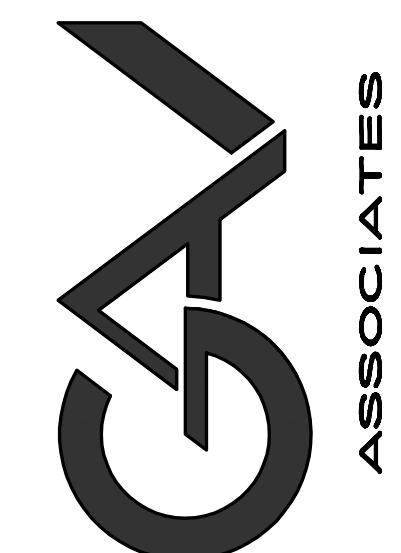
SCALE: 1/32"=1'-0"



ISSUED FOR	DATE
PRELIM.	12.19.18
	2.20.19
SFA	2.27.19

ISSUED FOR	DATE
PRELIM	1.19.18
	2.2.18
	2.19.18
	2.20.18
	3.4.18
	3.6.18
	3.7.18
	3.26.18
	3.28.18
SFA	4.1.18

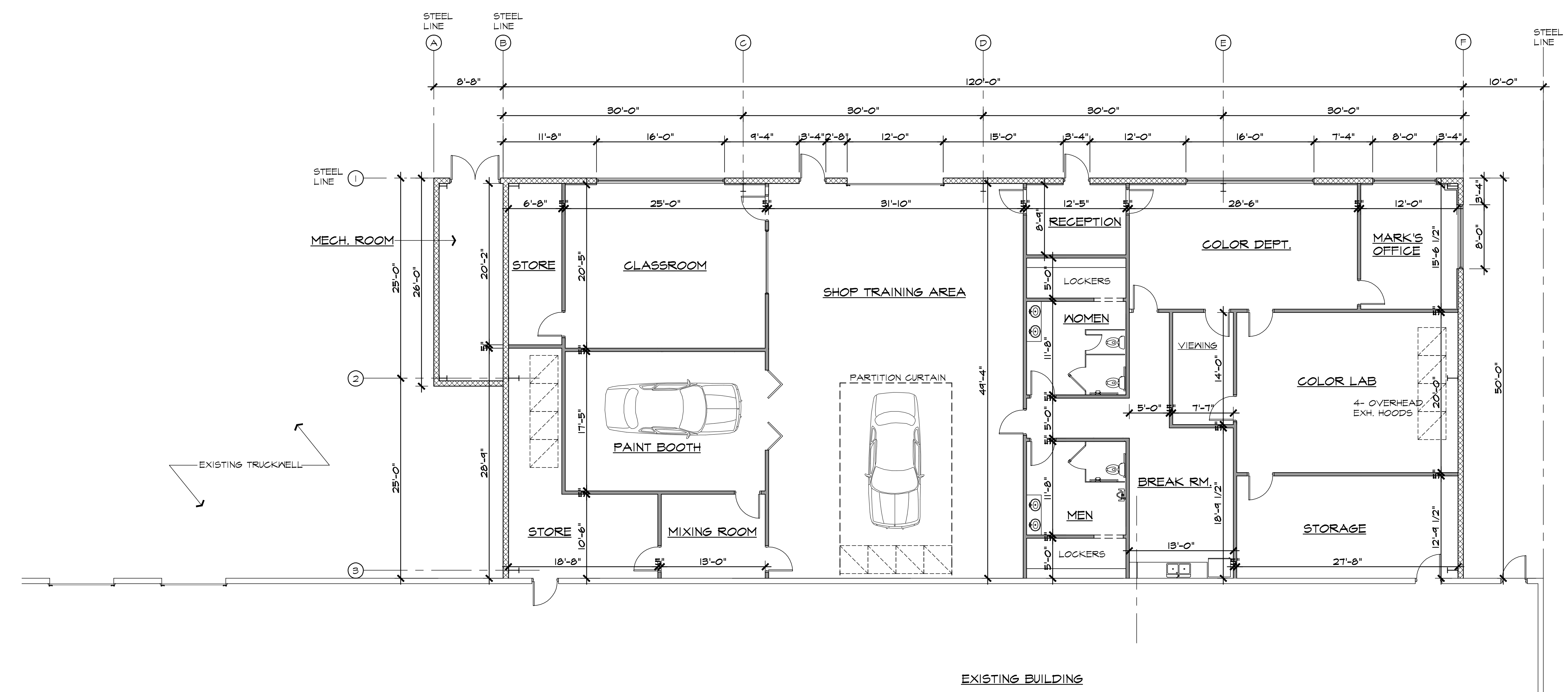
ARCHITECTURAL DESIGN
 RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL
 G.A.V. ASSOCIATES, INC
 24001 ORCHARD LAKE RD., STE. 180A
 FARMINGTON, MICHIGAN 48336
 PH: (248) 388-9191
 WEB: WWW.GAVASSOCIATES.COM



ACSBUILD, INC.
 28523 Beck Road
 Wixom, Mich. 48393
 Ph: 248-348-9911
 Fax: 248-348-9922

PROPOSED ADDITION FOR:
 TRANSTAR, INC.
 HEISERMAN DRIVE
 GENOA TWP., MI

DRAWN:	DESIGNED:	CHECKED:
SCALE :		
FILE NAME :		
JOB # 18006		
SHEET TITLE		
MAIN LEVEL FLOOR PLAN		
SHEET #		
A.102		



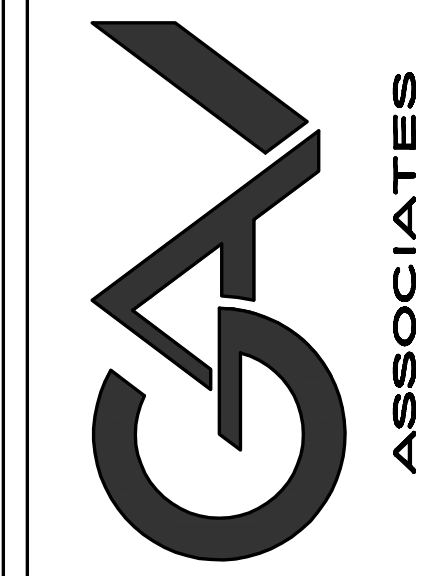
BUILDING ADDITION FLOOR PLAN
 6,000 S.F. SCALE: 1/8"=1'-0"



ISSUED FOR	DATE
SFA	4.1.18
	2.20.18
	2.21.18
SFA	2.27.18

ARCHITECTURAL DESIGN
 RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

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PROPOSED ADDITION FOR:
 TRANSTAR, INC.
 HEISERMAN DRIVE
 GENOA TWP., MI

DRAWN:	DESIGNED:	CHECKED:
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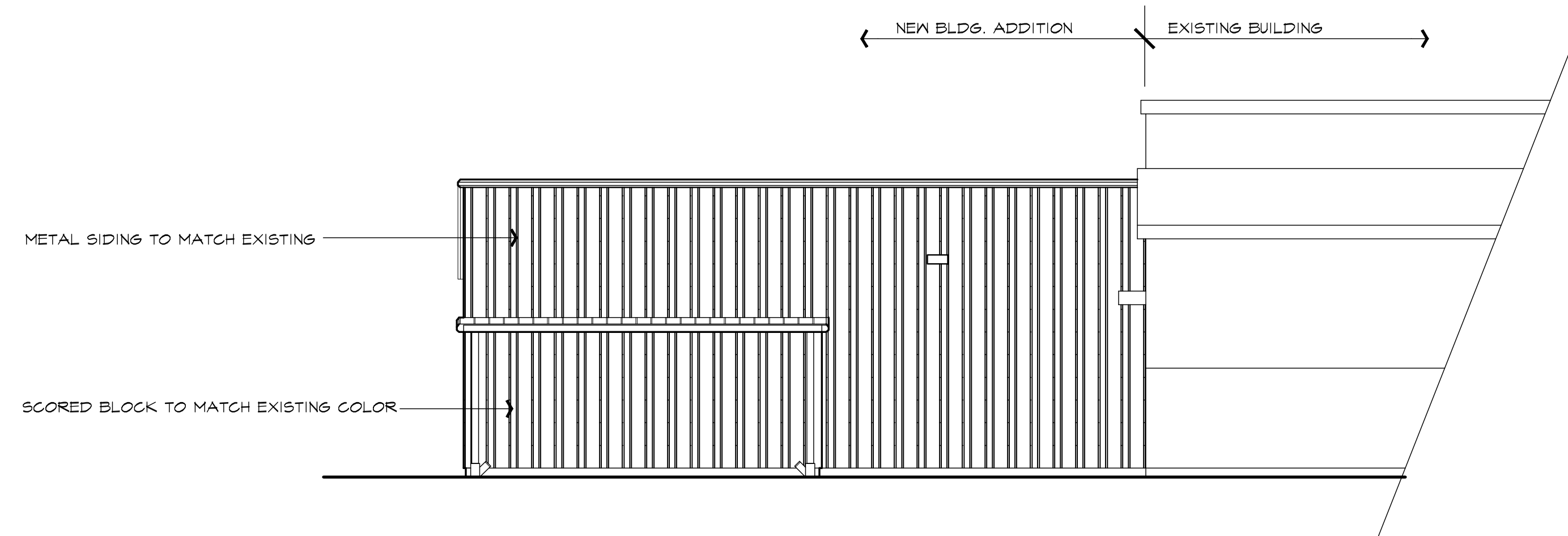
SCALE :

FILE NAME :

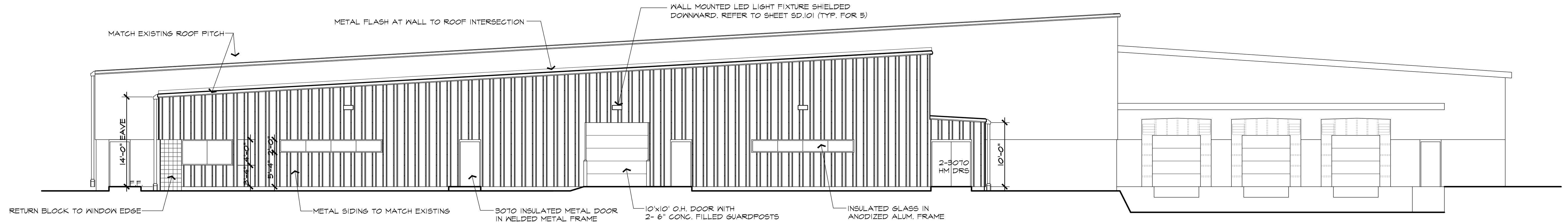
JOB # 18006

SHEET TITLE
 EXTERIOR
 ELEVATIONS

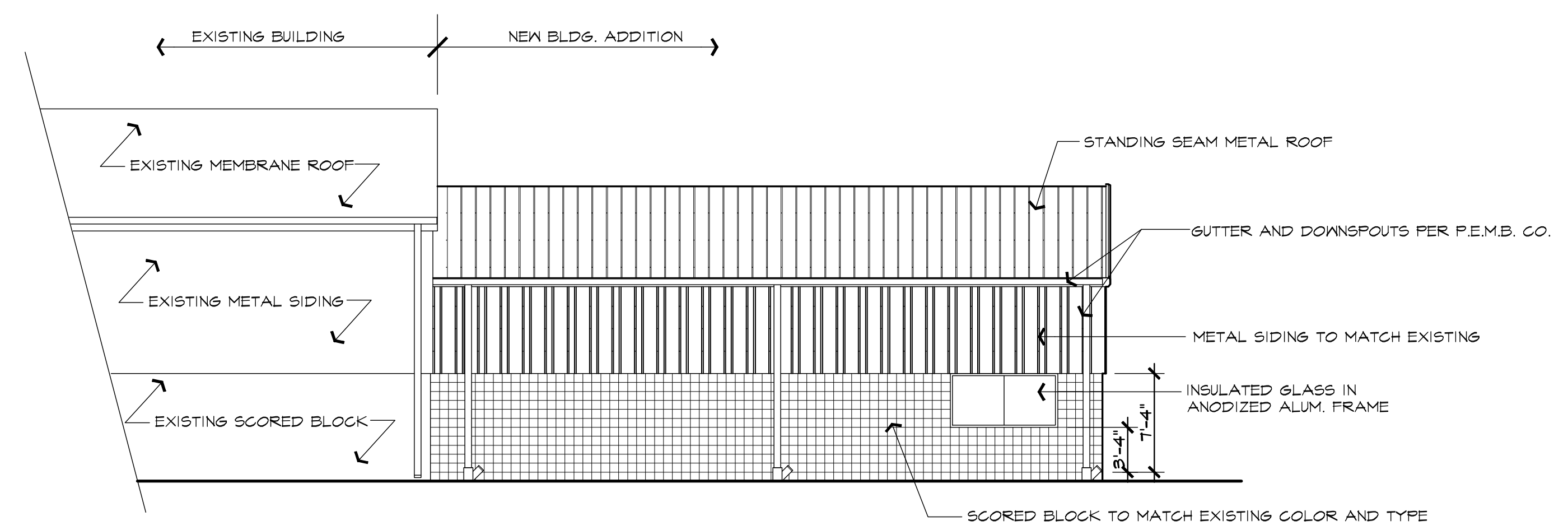
SHEET #
A.201



WEST ELEVATION
 SCALE: 1/8"=1'-0"



NORTH ELEVATION
 SCALE: 1/8"=1'-0"




EAST ELEVATION
 SCALE: 1/8"=1'-0"



MEMORANDUM

TO: Township Board

FROM: Michael Archinal 

DATE: 4/11/2019

RE: Dillon and State Street

Please take the opportunity to drive by the intersection of Dillon and State Street. This section of pavement has been in very poor condition for several years. This spring, when the frost came out of the ground the condition went from very poor to third world. The Township Supervisor and I met with the Livingston County Road Commission and Tetra Tech on March 29th to discuss this situation. On April 2, 2019 we received a copy of a petition from area residents sent to the Livingston County Drain Commissioner asking for relief from the drainage and road condition issues.

As a result of our meeting with LCRC, Tetra Tech has provided a Design Engineering Proposal for a potential solution to this problem. In speaking with LCRC and LCDC there is some question of which agency will be responsible for design and whether or not part of the cost could be spread over a special assessment district either through PA 188 of 1954 (Township Public Improvements) or Act 40 of 1956 (The Drain Code). PA 188 only allows allocation of costs to those properties fronting on the improvement. Given the large number of properties that would enjoy a benefit from the improvement this is overly burdensome to those properties unfortunate enough to front on the area in question. Act 40 would allow for assessment over a tributary area. While perhaps more fair this would be very unpopular for those property owners who do not drive this intersection.

Initial desktop review indicates that ditches and road surfaces could be shaped to newly installed structures and pipe that would convey stormwater to an existing catch basin on Brighton Road. The attached proposal includes topographic survey at \$6,800, geotechnical investigation at \$4,000 and design at \$26,200. As the project scope and the means to cover costs are unknown at this time I recommend that topographic survey and geotechnical investigation be performed to define the solution and begin to address the complaints from the affected properties.

Please consider the following action:

Moved by _____, supported by _____, to partially approve the proposal from Tetra Tech dated April 9, 2019 including only topographical survey and geotechnical investigation in the amount of \$10,800.



April 9, 2019

Mr. Mike Archinal
Genoa Township
2911 Dorr Road
Brighton, MI 48116

**Re: Dillon Street; Road and Storm Sewer Improvements
Design Engineering Proposal**

Dear Mr. Archinal:

Pursuant to our recent meeting with the Livingston County Road Commission, Tetra Tech is pleased to provide this proposal to prepare design and bidding documents for the reconstruction of Dillon Street from Brighton Road to south of Laurel Street. This section of Dillon Street is in very poor condition and was excluded from the 1990 road improvements due to the lack of an outlet for the stormwater runoff. With the improvements to Brighton Road a few years ago it is now possible to discharge stormwater from Dillon into the existing Brighton Road storm sewer system. In our discussion with the LCRC it was envisioned that a storm sewer would be installed along the east side of Dillon to the intersection with State Street. Catch basins would be installed as needed to collect the road and yard runoff and convey it to the existing Brighton Road system. The road improvements would consist of removing the existing failed surface, installing additional road base and then installing a hot mix asphalt surface. The road would be constructed to a two-lane cross section with a 2-foot gravel shoulder. Ditch grading would be necessary to direct the stormwater to the new storm sewer extension. The design documents would be submitted to the LCRC for review and approval prior to bidding.

To assist the Township and the LCRC, we have prepared the following scope of work for the topographic survey, geotechnical investigation and design services to be ready to solicit bids for the work.

SCOPE OF WORK

Design & Surveying Phase

- Prepare base mapping by obtaining topographic survey, right-of-way, and utility information for the project area. The base plans will include approximately 500 feet of Dillon Street and 200 feet of State Street.
- Perform hydraulic calculations for the design of the storm collection system and determine its impact on the existing Brighton Road system.

Tetra Tech
401 South Washington Square, Suite 100, Lansing, MI 48933
Tel 517.316.3930 Fax 517.484.8140 www.tetrattech.com

- Engage a geotechnical subconsultant to obtain soil information via hand augers for the storm sewer and road improvements. It is anticipated that three hand augers will be obtained and analyzed.
- Prepare plans and review with Township and LCRC staff at 60% and 95% stages of development. The plans will include the proposed road improvements, the routing of the new storm sewer, and information obtained from the utility and survey scope of services.
- Prepare a preliminary opinion of probable construction cost at each design stage.
- Attend up to three meetings to review the project progress and present the project to the Township Board.

Bidding and Construction Phases

- Bidding and Construction phase services will be included in a separate scope of services and proposal.

SCHEDULE

Presented below is the proposed schedule for the project.

Milestones Schedule

Preliminary Design and Topographic Survey	April 2019 – May 2019
Final Design and Permitting	June 2019
Bidding & Contracting	July 2019
Construction	August – September 2019

BUDGET

Compensation for our personnel directly involved in the work of this proposal will be invoiced based on our hourly billable rates plus subcontracted services and outside invoices multiplied by 1.15, plus in-house reimbursable expenses. We proposed the following budgets;

Topographic Survey	\$6,800
Geotechnical Investigation	\$4,000
Design	\$26,200
Total Design Phase	\$37,000

Mr. Mike Archinal
Dillon Street; Road and Storm Sewer Improvements
Design Engineering Proposal
April 9, 2019
Page 3

If this proposal is acceptable, please sign below and return a copy to our office for our authorization to proceed. The agreement for this project is comprised of this proposal and the attached Tetra Tech Standard Terms and Conditions.

We appreciate the opportunity to provide continuing service to Genoa Township and the LCRC. If you have any questions regarding this proposal please call.

Sincerely,



Gary J. Markstrom, P.E.
Vice President

Enclosure

PROPOSAL ACCEPTED GENOA TOWNSHIP

BY: _____

TITLE: _____ **DATE:** _____



Tetra Tech of Michigan, PC Engineering Services Standard Terms & Conditions

Services Consultant will perform services for the Project as set forth in Attachment A and in accordance with these Terms & Conditions. Consultant has developed the Project scope of service, schedule, and compensation based on available information and various assumptions. The Client acknowledges that adjustments to the schedule and compensation may be necessary based on the actual circumstances encountered by Consultant in performing their services. Consultant is authorized to proceed with services upon receipt of an executed Agreement.

Compensation In consideration of the services performed by Consultant, the Client shall pay Consultant in the manner set forth above. The parties acknowledge that terms of compensation are based on an orderly and continuous progress of the Project. Compensation shall be equitably adjusted for delays or extensions of time beyond the control of Consultant. Where total project compensation has been separately identified for various tasks, Consultant may adjust the amounts allocated between tasks as the work progresses so long as the total compensation amount for the project is not exceeded.

Fee Definitions The following fee types shall apply to methods of payment:

- **Salary Cost** is defined as the individual's base salary plus customary and statutory benefits. Statutory benefits shall be as prescribed by law and customary benefits shall be as established by Consultant employment policy.
- **Cost Plus** is defined as the individual's base salary plus actual overhead plus professional fee. Overhead shall include customary and statutory benefits, administrative expense, and non-project operating costs.
- **Lump Sum** is defined as a fixed price amount for the scope of services described.
- **Standard Rates** is defined as individual time multiplied by standard billing rates for that individual.
- **Subcontracted Services** are defined as Project-related services provided by other parties to Consultant.
- **Reimbursable Expenses** are defined as actual expenses incurred in connection with the Project.

Payment Terms Consultant shall submit invoices at least once per month for services performed and Client shall pay the full invoice amount within 30 days of the invoice date. Invoices will be considered correct if not questioned in writing within 10 days of the invoice date. Client payment to Consultant is not contingent on arrangement of project financing or receipt of funds from a third party. In the event the Client disputes the invoice or any portion thereof, the undisputed portion shall be paid to Consultant based on terms of this Agreement. Invoices not in dispute and unpaid after 30 days shall accrue interest at the rate of one and one-half percent per month (or the maximum percentage allowed by law, whichever is the lesser). Invoice payment delayed beyond 60 days shall give Consultant the right to stop work until payments are current. Non-payment beyond 70 days shall be just cause for termination by Consultant.

Additional Services The Client and Consultant acknowledge that additional services may be necessary for the Project to address issues that may not be known at Project initiation or that may be required to address circumstances that were not foreseen. In that event, Consultant shall notify the Client of the need for additional services and the Client shall pay for such additional services in an amount and manner as the parties may subsequently agree.

Site Access The Client shall obtain all necessary approvals for Consultant to access the Project site(s).

Underground Facilities Consultant and/or its authorized subcontractor will conduct research and perform site reconnaissance in an effort to discover the location of existing underground facilities prior to developing boring plans, conducting borings, or undertaking invasive subsurface investigations. Client recognizes that accurate drawings or knowledge of the location of such facilities may not exist, or that research may reveal as-built drawings or other documents that may inaccurately show, or not show, the location of existing underground facilities. In such events, except for the sole negligence, willful misconduct, or practice not conforming to the Standard of Care cited in this Agreement, Client agrees to indemnify and hold Consultant and/or its Subcontractor harmless from any and all property damage, injury, or economic loss arising or allegedly arising from borings or other subsurface penetrations.

Regulated Wastes Client is responsible for the disposal of all regulated wastes generated as a result of services provided under this Agreement. Consultant and Client mutually agree that Consultant assumes no responsibility for the waste or disposal thereof.

Contractor Selection Consultant may make recommendations concerning award of construction contracts and products. The Client acknowledges that the final selection of construction contractors and products is the Client's sole responsibility.

Ownership of Documents Drawings, specifications, reports, programs, manuals, or other documents, including all documents on electronic media, prepared under this Agreement are instruments of service and are, and shall remain, the property of Consultant. Record documents of service shall be based on the printed copy. Consultant will retain all common law, statutory, and other reserved rights, including the copyright thereto. Consultant will furnish documents electronically; however, the Client releases Consultant from any liability that may result from documents used in this form. Consultant shall not be held liable for reuse of documents or modifications thereof by the Client or its representatives for any purpose other than the original intent of this Agreement, without written authorization of and appropriate compensation to Consultant.

Standard of Care Services provided by Consultant under this Agreement will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. Consultant makes no warranty or guaranty, either express or implied. Consultant will not be liable for the cost of any omission that adds value to the Project.

Period of Service This Agreement shall remain in force until completion and acceptance of the services or until terminated by mutual agreement. Consultant shall perform the services for the Project in a timely manner consistent with sound professional practice. Consultant will strive to perform its services according to the Project schedule set forth in the provisions for Scope of Work/Fee/Schedule in Attachment A. The services of each task shall be considered complete when deliverables for the task have been presented to the Client. Consultant shall be entitled to an extension of time and compensation adjustment for any delay beyond Consultant control.

Insurance and Liability Consultant shall maintain the following insurance and coverage limits during the period of service. The Client will be named as an additional insured on the Commercial General Liability and Automobile Liability insurance policies.

Worker's Compensation – as required by applicable state statute
Commercial General Liability - \$1,000,000 per occurrence for bodily injury, including death and property damage, and \$2,000,000 in the aggregate
Automobile Liability –\$1,000,000 combined single limit for bodily injury and property damage

Professional Liability (E&O) - \$1,000,000 each claim and in the aggregate

The Client shall make arrangements for Builder's Risk, Protective Liability, Pollution Prevention, and other specific insurance coverage warranted for the Project in amounts appropriate to the Project value and risks. Consultant shall be a named insured on those policies where Consultant may be at risk. The Client shall obtain the counsel of others in setting insurance limits for construction contracts.

Indemnification Consultant shall indemnify and hold harmless the Client and its employees from any liability, settlements, loss, or costs (including reasonable attorneys' fees and costs of defense) to the extent caused solely by the negligent act, error, or omission of Consultant in the performance of services under this Agreement. If such damage results in part by the negligence of another party, Consultant shall be liable only to the extent of Consultant's proportional negligence.

Dispute Resolution The Client and Consultant agree that they shall diligently pursue resolution of all disagreements within 45 days of either party's written notice using a mutually acceptable form of mediated dispute resolution prior to exercising their rights under law. Consultant shall continue to perform services for the Project and the Client shall pay for such services during the dispute resolution process unless the Client issues a written notice to suspend work. Causes of action between the parties to this Agreement shall be deemed to have accrued and the applicable statutes of repose and/or limitation shall commence not later than the date of substantial completion.

Suspension of Work The Client may suspend services performed by Consultant with cause upon fourteen (14) days written notice. Consultant shall submit an invoice for services performed up to the effective date of the work suspension and the Client shall pay Consultant all outstanding invoices within fourteen (14) days. If the work suspension exceeds thirty (30) days from the effective work suspension date, Consultant shall be entitled to renegotiate the Project schedule and the compensation terms for the Project.

Termination The Client or Consultant may terminate services on the Project upon seven (7) days written notice without cause or in the event of substantial failure by the other party to fulfill its obligations of the terms hereunder. Consultant shall submit an invoice for services performed up to the effective date of termination and the Client shall pay Consultant all outstanding invoices, together with all costs arising out of such termination, within fourteen (14) days. The Client may withhold an amount for services that may be in dispute provided that the Client furnishes a written notice of the basis for their dispute and that the amount withheld represents a reasonable value.

Authorized Representative The Project Manager assigned to the Project by Consultant is authorized to make decisions or commitments related to the project on behalf of Consultant. Only authorized representatives of Consultant are authorized to execute contracts and/or work orders on behalf of Consultant. The Client shall designate a representative with similar authority. Email messages between Client and members of the project team shall not be construed as an actual or proposed contractual amendment of the services, compensation or payment terms of the Agreement.

Project Requirements The Client shall confirm the objectives, requirements, constraints, and criteria for the Project at its inception. If the Client has established design standards, they shall be furnished to Consultant at Project inception. Consultant will review the Client design standards and may recommend alternate standards considering the standard of care provision.

Independent Consultant Consultant is and shall be at all times during the term of this Agreement an independent consultant and not an employee or agent of the Client. Consultant shall retain control over the means and methods used in performing Consultant's services and may retain subconsultants to perform certain services as determined by Consultant.

Compliance with Laws Consultant shall perform its services consistent with sound professional practice and endeavor to incorporate laws, regulations, codes, and standards applicable at the time the work is performed. In the event that standards of practice change during the Project, Consultant shall be entitled to additional compensation where additional services are needed to conform to the standard of practice.

Permits and Approvals Consultant will assist the Client in preparing applications and supporting documents for the Client to secure permits and approvals from agencies having jurisdiction over the Project. The Client agrees to pay all application and review fees.

Limitation of Liability In recognition of the relative risks and benefits of the project to both the Client and Consultant, the risks have been allocated such that the Client agrees, to the fullest extent permitted by law, to limit the liability of Consultant and its subconsultants to the Client and to all construction contractors and subcontractors on the project for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, so that the total aggregate liability of Consultant and its subconsultants to all those named shall not exceed \$50,000 or the amount of Consultant's total fee paid by the Client for services under this Agreement, whichever is the greater. Such claims and causes include, but are not limited to negligence, professional errors or omissions, strict liability, breach of contract or warranty.

Consequential Damages Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the Client nor Consultant, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the project or to this Agreement. This mutual waiver of consequential damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation or any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract and breach of strict or implied warranty. Both the Client and Consultant shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this project or with this Agreement.

Waiver of Subrogation Consultant shall endeavor to obtain a waiver of subrogation against the Client, if requested in writing by the Client, provided that Consultant will not increase its exposure to risk and Client will pay the cost associated with any premium increase or special fees.

Environmental Matters The Client warrants that they have disclosed all potential hazardous materials that may be encountered on the Project. In the event unknown hazardous materials are encountered, Consultant shall be entitled to additional compensation for appropriate actions to protect the health and safety of its personnel, and for additional services required to comply with applicable laws. The Client shall indemnify Consultant from any claim related to hazardous materials encountered on the Project except for those events caused by negligent acts of Consultant.

Cost Opinions Consultant shall prepare cost opinions for the Project based on historical information that represents the judgment of a qualified professional. The Client and Consultant acknowledge that actual costs may vary from the cost opinions prepared and that Consultant offers no guarantee related to the Project cost.

Contingency Fund The Client acknowledges the potential for changes in the work during construction and the Client agrees to include a contingency fund in the Project budget appropriate to the potential risks and uncertainties associated with the Project. Consultant may offer advice concerning the value of the contingency fund; however, Consultant shall not be liable for additional costs that the Client may incur beyond the contingency fund they select unless such additional cost results from a negligent act, error, or omission related to services performed by Consultant.

Safety Consultant shall be responsible solely for the safety precautions or programs of its employees and no other party.

Information from Other Parties The Client and Consultant acknowledge that Consultant will rely on information furnished by other parties in performing its services under the Project. Consultant shall not be liable for any damages that may be incurred by the Client in the use of third party information.

Force Majeure Consultant shall not be liable for any damages caused by any delay that is beyond Consultant's reasonable control, including but not limited to unavoidable delays that may result from any acts of God, strikes, lockouts, wars, acts of terrorism, riots, acts of governmental authorities, extraordinary weather conditions or other natural catastrophes, or any other cause beyond the reasonable control or contemplation of either party.

Waiver of Rights The failure of either party to enforce any provision of these terms and conditions shall not constitute a waiver of such provision nor diminish the right of either party to the remedies of such provision.

Warranty Consultant warrants that it will deliver services under the Agreement within the standard of care. No other expressed or implied warranty is provided by Consultant.

Severability Any provision of these terms later held to be unenforceable shall be deemed void and all remaining provisions shall continue in full force and effect. In such event, the Client and Consultant will work in good faith to replace an invalid provision with one that is valid with as close to the original meaning as possible.

Survival All obligations arising prior to the termination of this Agreement and all provisions of these terms that allocate responsibility or liability between the Client and Consultant shall survive the completion or termination of services for the Project.

Assignments Neither party shall assign its rights, interests, or obligations under the Agreement without the express written consent of the other party.

Governing Law The terms of Agreement shall be governed by the laws of the state where the services are performed provided that nothing contained herein shall be interpreted in such a manner as to render it unenforceable under the laws of the state in which the Project resides.

Collection Costs In the event that legal action is necessary to enforce the payment provisions of this Agreement if Client fails to make payment within sixty (60) days of the invoice date, Consultant shall be entitled to collect from the Client any judgment or settlement sums due, reasonable attorneys' fees, court costs, and expenses incurred by Consultant in connection therewith and, in addition, the reasonable value of Consultant's time and expenses spent in connection with such collection action, computed at Consultant's prevailing fee schedule and expense policies.

Equal Employment Opportunity Consultant will comply with federal regulations pertaining to Equal Employment Opportunity. Consultant is in compliance with applicable local, state, and federal regulations concerning minority hiring. It is Consultant's policy to ensure that applicants and employees are treated equally without regard to race, creed, sex, color, religion, veteran status, ancestry, citizenship status, national origin, marital status, sexual orientation, or disability. Consultant expressly assures all employees, applicants for employment, and the community of its continuous commitment to equal opportunity and fair employment practices.

Attorney Fees Should there be any suit or action instituted to enforce any right granted in this contract, the substantially prevailing party shall be entitled to recover its costs, disbursements, and reasonable attorney fees from the other party. The party that is awarded a net recovery against the other party shall be deemed the substantially prevailing party unless such other party has previously made a bona fide offer of payment in settlement and the amount of recovery is the same or less than the amount offered in settlement. Reasonable attorney fees may be recovered regardless of the forum in which the dispute is heard, including an appeal.

Third Party Beneficiaries Nothing in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Client or the Consultant. The Consultant's services under this Agreement are being performed solely for the Client's benefit, and no other entity shall have any claim against the Consultant because of this Agreement or the performance or nonperformance of services hereunder. The Client agrees to include a provision in all contracts with contractors and other entities involved in this project to carry out the intent of this paragraph.

Lien Rights Consultant may file a lien against the Client's property in the event that the Client does not make payment within the time prescribed in this Agreement. The Client agrees that services by Consultant are considered property improvements and the Client waives the right to any legal defense to the contrary.

Captions The captions herein are for convenience only and are not to be construed as part of this Agreement, nor shall the same be construed as defining or limiting in any way the scope or intent of the provisions hereof.

April 2, 2019

Mr. Brian Jonckheere
Livingston County Drain Commissioner
2300 E. Grand River, Suite 105
Howell, MI 48843

RE: Dillon and State Street Intersection in Brighton

Dear Mr. Jonckheere:

I have lived in my home at 7841 State Street for over 42 years. We have always had trouble with the last two blocks of State Street as far as potholes and water retention. Holes may get patched with asphalt periodically. But that washes out of the giant holes after the first good rain.

In the late 1980's we all petitioned the township to get this area fixed. We were all assessed per household for this and the area was repaved. But, they did not put in any drainage. As a result, the intersection of Dillon and State Street have been an eyesore for many recent years.

This year, in particular, the area is a large eyesore and a hazard to all of us who live on Dillon Street, State Street and also Pinehurst. This also reflects on the value of our homes. Last year I brought pictures of this area to the township and am sending some with this letter.

Many of the front lawns and driveways of residents living on this corner are severely under water when it rains as is the road. This area turns into Lake Dillon as we call it.

Since we all pay our taxes to the township, we feel that we should be able to get this problem fixed. We ask that you please take this into consideration when planning this years projects. I have asked some of the neighbors to also sign this letter. Please see attached page.

Sincerely,



Gladys L. Bottum

cc: Genoa Township Hall

Dillon and State Street Intersection Letter

Kaye L. Lang	7855 State St., Brighton MI
Donald Taylor	7855 State St, Brighton, MI
Mike Madia	7879 State St Brighton MI 48116
Wane Swine	7879 State St Brighton MI 48116
Rebecca [unclear]	7887 State St Brighton 48116
Verbal Downs	7887 State St Brighton MI 48116
Mary Tomlinson	7888 State Street Brighton, MI 48116
Jane Tomlinson	7898 State St Brighton MI 48116
[unclear]	7895 State St Brighton 48116
Kristine Antoniewicz	7852 STATE ST Brighton, 48116
[unclear]	7894 STATE ST BRIGHTON 48116
Mary Johnson	7842 State St Brighton 48116
[unclear]	7842 State St Brighton 48116
[unclear]	7900 State St Brighton 48116
Tom Jones	7841 State Brighton 48116















SUPERIOR SPORTS, LLC
 1250 N. OPDYKE RD.
 AUBURN HILLS, MI 48326



office: 248-342-3826
 fax: 248-499-6141
 email: tim@sportcourtni.com
 website: www.sportcourtni.com

Client: Mike Archinal
 Address:
 City/Zip:
 phone:

Sales Representative:
 Tim Barnes
 cell # (248) 342-3826

COMPONENTS	PRICING	#UNITS	OPTION #1 60'x94'		OPTION #2	OPTION #3
			5,640	SQ. FT.	SQ. FT.	SQ. FT.
LIGHT UNITS						
double LED hoop light	600.00					
double LED light fixture	1995.00					
BASKETBALL HOOP SYSTEMS						
ultimate 72" adjustable hoop	1895.00	2	3790.00			
ultimate 60" adjustable hoop	1595.00					
BASKETBALL PAD SET						
pole	110.00					
backboard	95.00					
anchor	95.00					
NET ADJUSTMENT SYSTEM						
NET ADJUSTMENT SYSTEM	249.00					
NET POLE (ONE POLE)						
NET POLE (ONE POLE)	549.00					
MULTIPURPOSE NETS						
15' or 20' with cable	120.00					
24' with cable	140.00					
30' or 40' with cable	170.00					
tennis net	225.00					
REBOUNDER						
10'x10'	995.00					
10'x20'	1695.00					
BALL CONTAINMENT						
10' ball containment (per LF)	30.00	120	3600.00			
4' ball containment (per LF)	24.00					
SPORTS GEAR						
fun pack	359.00					
fun pack with rack	425.00					
hockey set	549.00					
painted shuffle board	439.00					
painted pickleball lines	399.00					
painted tennis lines	525.00					
painted 3 pt. and key	350.00	2	700.00			
BATTING CAGE						
12x12x60 batting cage	4000.00					
10x10x60 batting cage	3500.00					
SPORTS SURFACING (PER FT)						
	4.49		25323.60			

COMPONENT SUBTOTAL			33883.60			
freight			1500.00			
installation			950.00			
tax 6%			exempt?			
reinforced concrete with rerod	4.25 sq. ft.		23970.00			
prep and base			provided			
COURT SYSTEM TOTAL			\$ 60,303.60		\$ -	\$ -

HOMEOWNER IS RESPONSIBLE FOR ELECTRICAL CONNECTIONS, PERMITS, EASEMENTS AND HOMEOWNER ASSOC. APPROVAL

Customer Signature _____ Date _____
 Sport Court Signature _____ Date _____

OPINION OF PROBABLE PROJECT COST

TETRA TECH

401 South Washington Square, Suite 100 Lansing MI 48933

Telephone: (517) 316-3930 Fax: (517) 484-8140

PROJECT: Genoa Township Hall Basketball court
 LOCATION: Genoa Township, Livingston County, Michigan
 BASIS FOR ESTIMATE: CONCEPTUAL PRELIMINARY FINAL
 WORK: Basketball court grading
2 court Mass Grading

DATE: 4/9/2019
 PROJECT NO. 200-12736-00-000
 ESTIMATOR: G. Markstrom
 CHECKED BY: G. Markstrom

ITEM NO.	DESCRIPTION	QUANT.	UNIT	UNIT AMOUNT	TOTAL AMOUNT
1	Mobilization (3% of Construction Cost, Max \$50,000)	1	LS	\$2,000.00	\$2,000
2	Remove Existing Pathway Pavement	120	SYD	\$5.00	\$600
3	Earthwork	1,000	CYD	\$15.00	\$15,000
4	Agg Base 6 inch (Pathway)	150	SYD	\$20.00	\$3,000
5	Pathway, 2" HMA 125lf x 8 ft	20	TON	\$150.00	\$3,000
6	Lawn Restoration	1,500	SYD	\$8.00	\$12,000
7	SESC - Silt Fence	500	EA	\$4.00	\$2,000
8	SESC - Inlet Protection	1	EA	\$500.00	\$500
	Construction Subtotal				\$39,000
	Contingencies (15% Construction Cost)				\$6,000
	Construction Cost				\$45,000
TOTAL PROJECT COST					\$45,000

GENOA TOWNSHIP, MICHIGAN BASKETBALL COURT

401 S. WASHINGTON SQUARE
LANSING, MI 48233
PHONE: 313-316-3830 FAX: 313-484-8140



TETRA TECH

www.tetra-tech.com

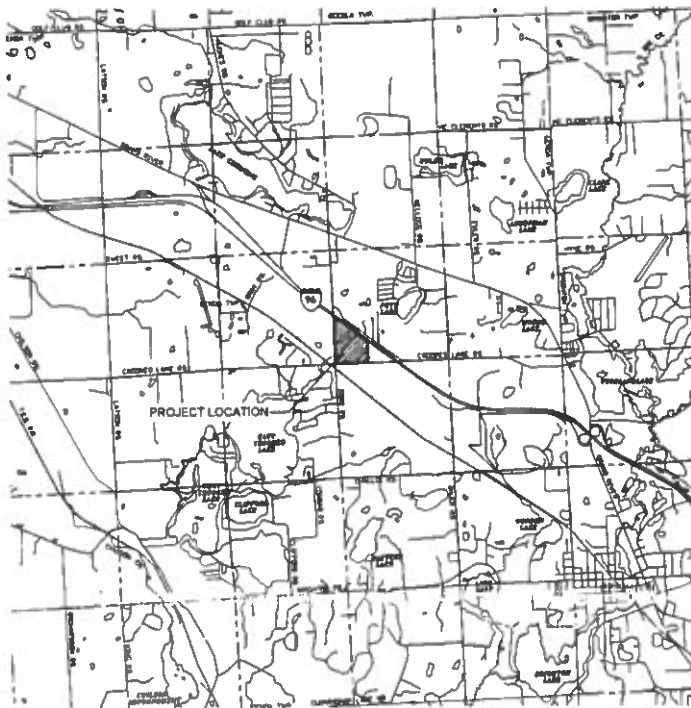
PROJECT LOCATION: GENOA TOWNSHIP, MICHIGAN
CLIENT INFORMATION: GENOA TOWNSHIP

TT PROJECT No.: 200-12736-19032
CLIENT PROJECT No.:

PROJECT DESCRIPTION / NOTES:
INSTALLATION OF BASKETBALL COURT AND PATHWAY RELOCATION.

ISSUED:

VICINITY MAP:

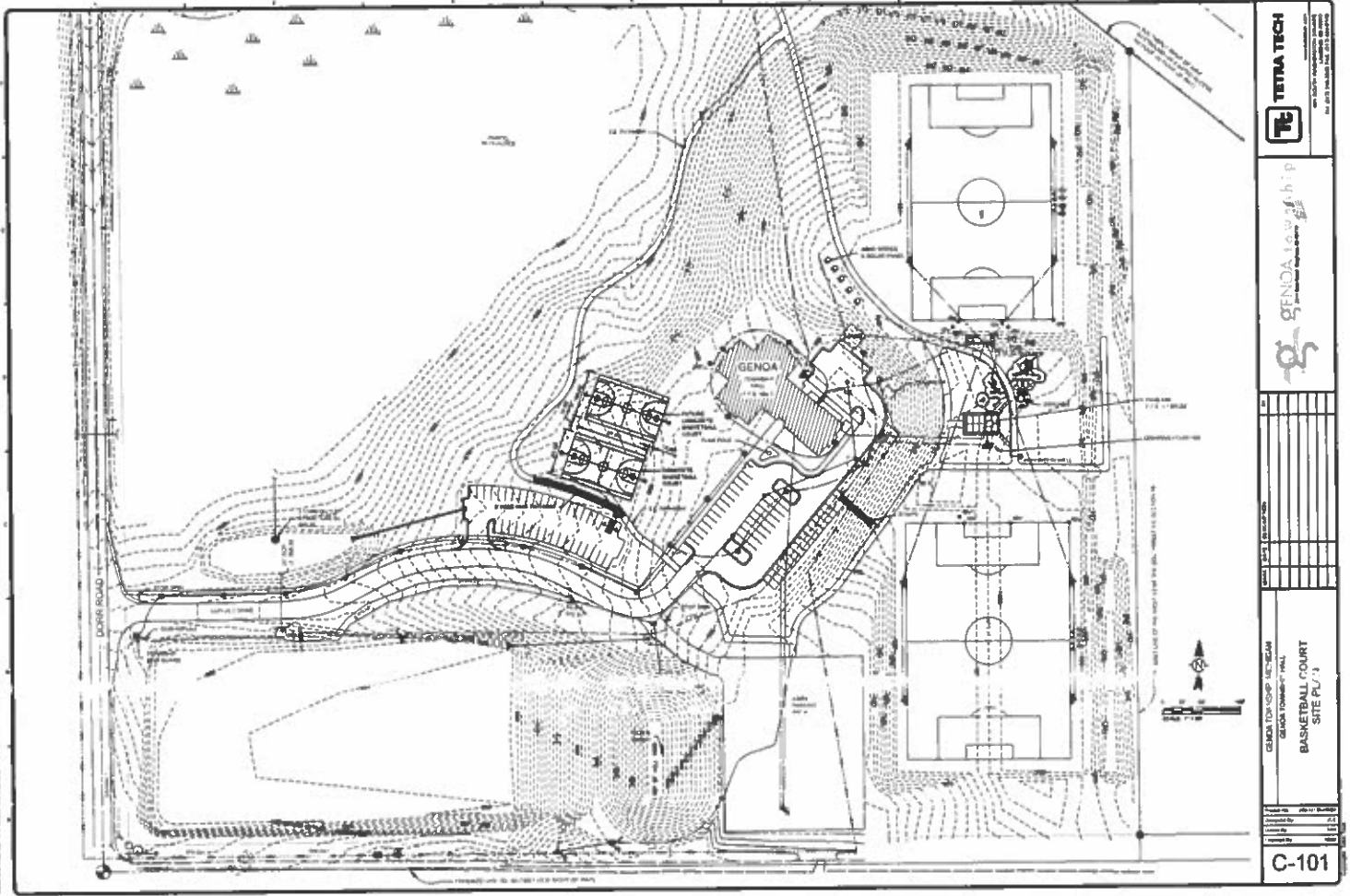


LOCATION MAP
SCALE 1"=100'

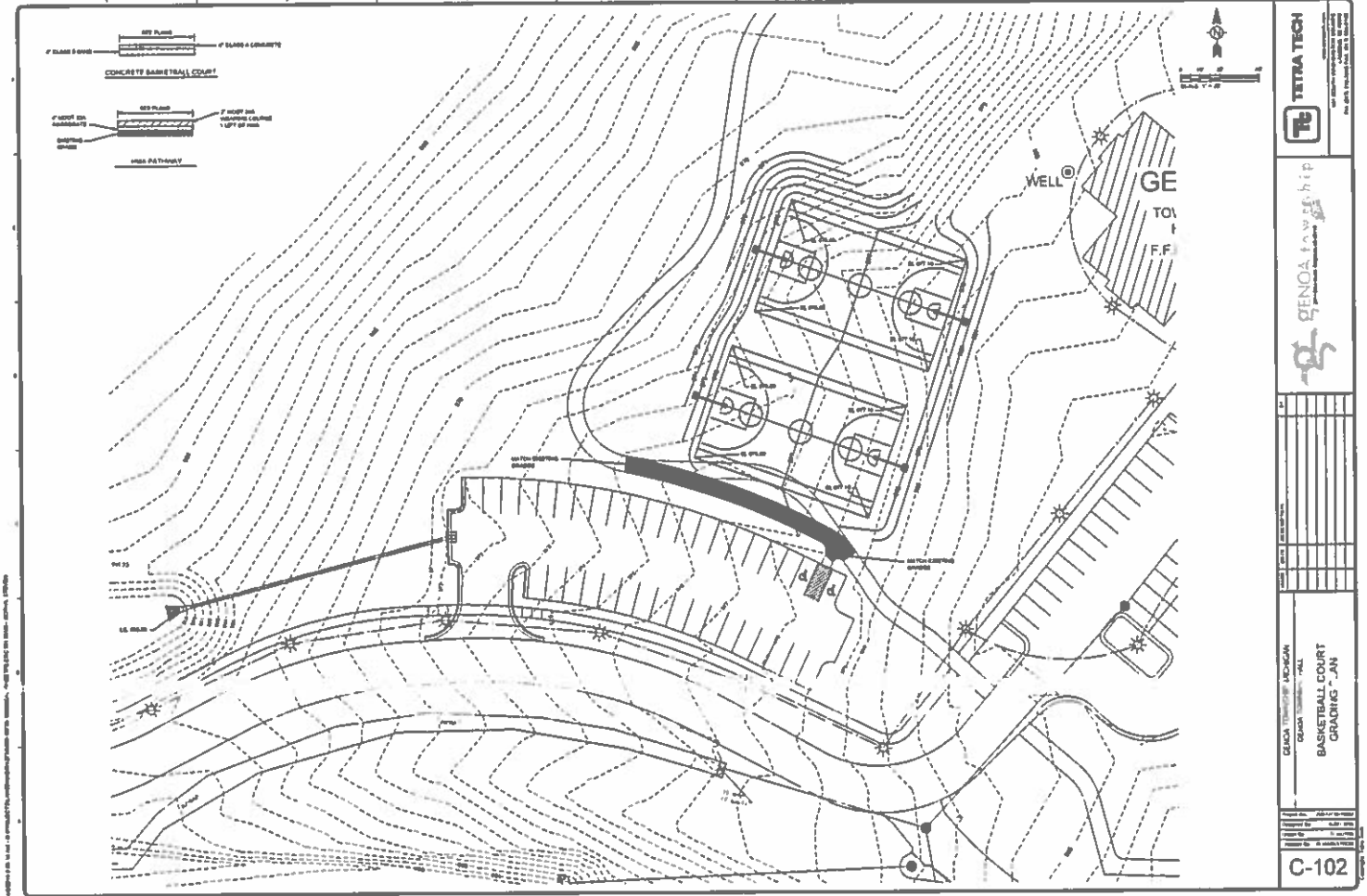


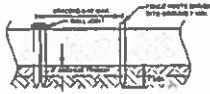
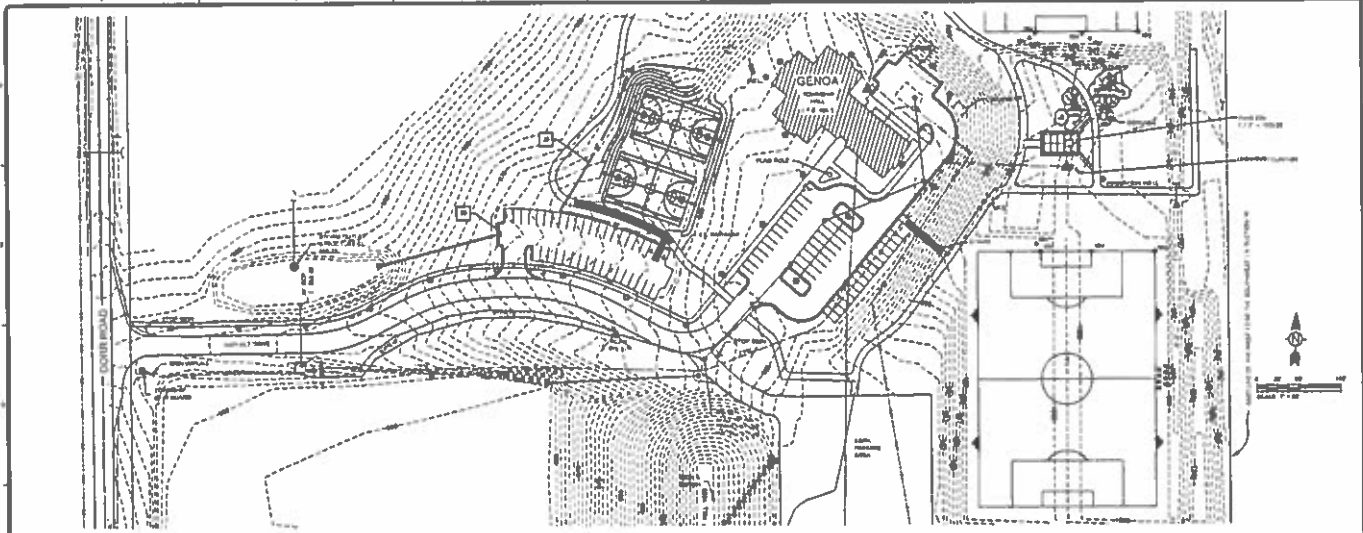
SHEET INDEX
C-001 GENERAL NOTES
C-101 SITE PLAN
C-102 OFF ASING PLAN
C-103 BEIC PLAN





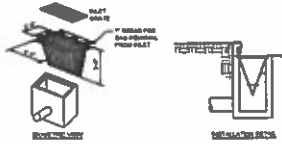
	
	
	
GENCO GROUP LLC 10000 DORR ROAD BASKETBALL COURT SITE P1/1	
SHEET NO.	TOTAL SHEETS
DATE	SCALE
DRAWN BY	CHECKED BY
PROJECT NO.	CLIENT
SITE NO.	SHEET NO.
0101	C-101



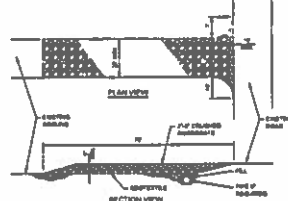


SILT FENCE
SCALE 4:800

INSTALLATION INSTRUCTIONS:
 1. Drive stakes into ground at 4' intervals.
 2. Lay fabric over stakes, overlapping by 6".
 3. Fold fabric over itself at top edge.
 4. Fabric should be 6" above ground.
 5. Fabric should be 6" above ground.
 6. Fabric should be 6" above ground.



INLET PROTECTION - FABRIC DROP
SCALE 4:800



TRACKING MAT DETAIL
SCALE 4:800

NOTE: NOTIFY LA SHERIDAN COUNTY DRAIN COMMISSIONERS OFFICE 24 HOURS PRIOR TO START OF GRADE WORK. CONTRACTOR SHALL COMPLETE ALL WORK BY ACCORDANCE WITH CONDITIONS SET FORTH IN THE SOIL EROSION PERMIT.

SESC LEGEND

SYMBOL	DESCRIPTION
[Symbol]	EXISTING GRADE
[Symbol]	PROPOSED GRADE
[Symbol]	EXISTING CONCRETE
[Symbol]	PROPOSED CONCRETE
[Symbol]	EXISTING ASPHALT
[Symbol]	PROPOSED ASPHALT
[Symbol]	EXISTING GRAVEL
[Symbol]	PROPOSED GRAVEL
[Symbol]	EXISTING SAND
[Symbol]	PROPOSED SAND
[Symbol]	EXISTING SOIL
[Symbol]	PROPOSED SOIL
[Symbol]	EXISTING VEGETATION
[Symbol]	PROPOSED VEGETATION

TC TETRA TECH

GENCO

BASKETBALL COURT

SESC PL 11

C-103

Board Correspondence

Polly

To: Adam VanTassell; rkutchey@aol.com
Subject: RE: Comcast/ cable company question

Mr. Kutchey,

Internet service is not available for the more rural areas of our township through Comcast or ATT. My office has explored the creation of a special assessment district to accommodate all of our community but there is no Michigan Public Act that allows us to do so. According to our Comcast provider high speed internet runs about \$15,000.00 a mile and this is co-axle cable - meaning that it is added to the Edison poles. A bid that I received from Comcast in 2017 that includes your street (Natura) as well as Treasure Lake, Brighton Road, Nature View and Brady estimated a total of \$113,447.44 for hookup provided that a special assessment district could be created. After viewing your home on GPS, I am estimating that your cost would be in excess of \$10,000.00 to bring Comcast just to your home. This number is based upon other estimates from residents who live in the southwest section of our Township. Comcast will come to your home and give you an estimate if you ask. I will share your email with our township board at the next meeting and you are welcome to attend to express your concern. Our next meeting is Monday, April 15, 2019 at 6:30 p.m. at the Township Hall.

From: Adam VanTassell
Sent: Monday, April 08, 2019 9:12 AM
To: rkutchey@aol.com
Cc: Polly
Subject: RE: Comcast/ cable company question

Good morning Mr. Kutchey,

I am forwarding your email to our Township Clerk, hopefully she will be able to address your concern.

Sincerely,

Adam VanTassell
Genoa Township

From: rkutchey@aol.com [<mailto:rkutchey@aol.com>]
Sent: Monday, April 08, 2019 8:52 AM
To: info
Subject: Fwd: Comcast/ cable company question

Can, My below emails please be passed on to someone that can help answer my questions in these emails. I have not had any response from Mike.

-----Original Message-----

From: rkutchey <rkutchey@aol.com>
To: mike <mike@genoa.org>
Sent: Fri, Jan 25, 2019 2:03 pm
Subject: Fwd: Comcast/ cable company question

Mike, I haven't had a response to my below email. Ray

-----Original Message-----

From: Ray Kutchev <rkutchev@aol.com>
To: mike@genoa.org <mike@genoa.org>
Sent: Wed, Jan 9, 2019 8:25 pm
Subject: Comcast/ cable company question

Hi Mike,

My name is Ray Kutchev and I live at 5167 Natura Dr. I was wondering how does the township negotiated with the cable company for expanding service in the township? I have lived here since 1998 and have stopped in the township office several times to discuss this and nothing has happened over the years to get the service expanded. It seems like when the contract for comcast comes due to be renewed by the township it always gets renewed and I never hear anything more. I stop by the comcast offices and they say its not required for them to expand service and it would cost me \$12000 to get their service. It seems to me that the township could make this part of the renew contract that they expand the service to certain areas without it. I have no cell service either no mater which company I try. My only option has been satellite for tv and internet which has been really bad and does not work all the time. Can you please let me know when the contract for comcast is set to be renewed because I would like it to be on the agenda at a board meeting so me and all my neighbors can attend to have this discussion. About 20 of us met at the township hall about 5 years ago and met with you or someone and discussed the problem and nothing has ever been done. Comcast is very rude to us when we call them to discuss the issue. Thanks Ray Kutchev President Natura Dr. Country Estates Association 810-923-2674.

Sent from [Mail](#) for Windows 10

Cleaning Up Safely After Disaster Strikes

Springtime in Michigan brings hope of warmer days ahead, but it can also bring severe weather. Thunderstorms, tornadoes, and floods can cause damage to your home and the surrounding area. Each event poses its own clean up challenges. Read on to learn how to stay safe during clean up.

Severe Weather Clean Up Safety

Tornadoes, severe thunderstorms, and high winds are capable of leaving debris and damaged structures in their wake. Power lines, gas lines, and electrical systems are often damaged. This increases risk of fire, electrocution, or explosion. Other risks after a tornado are stepping on nails and falling objects.

Before you begin clean-up of your home after severe weather, shut off the electrical power, natural gas, or propane. You should wear sturdy shoes or boots, long sleeves, and gloves. Do not touch downed power lines or objects that are in contact with downed power lines. Use caution when entering your home as the structure may be damaged. Look out for nails, falling objects and heavy, rolling objects. If it is dark, use a flashlight, not a candle or torch as these can put you at risk of a fire or explosion. Take care to clean up any spilled medicines, drugs, flammable liquids, and other potentially hazardous materials.

If you smell gas, notify the gas company or police and fire departments. Do not turn on lights, light matches, smoke, or do anything that could cause a spark. Do not return to your home until you are told that it is safe.

Flood Clean Up Safety

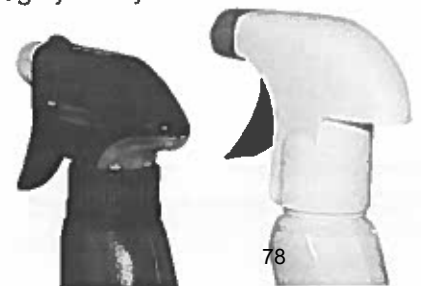
Floods put your home at risk of mold and sewage contamination. Before you enter your home to begin clean up after a flood, turn off the power. If you can turn off the power from a dry location it is ok to do so yourself. If you cannot get to the power switch without going through water, call an electrician to turn off the power. Do not turn it off yourself.

If your home has been closed up for a few days, assume that your house has mold. Before you begin clean up, open all doors and windows then exit your home and allow it to air out for at least 30 minutes before reentering. It is best to clean up during the day. If you must enter your home after dark, use a flashlight for light. Remember never to use electric power tools while standing in water. For tips on how to safely clean mold, see page two of this newsletter.

Food & Water Safety

After a disaster like a tornado or flood, your food and water may no longer be safe to eat or drink. Throw away any food that may have come into contact with flood or storm water. If you lost power, throw away any food that wasn't refrigerated properly. Throw away any food that has an unusual smell, color, or texture. Remember, even if food looks or smells fine, it could still be unsafe and make you and your family sick.

Water may also be contaminated. If you have a well in an area that experienced flooding, thoroughly flush your well by running water through an outside hose and then get your water tested for bacteria before you use it. Feel free to contact LCHD to consult about other possible tests to perform. A list of our local drinking water laboratories can be found here:
<https://www.livgov.com/health/eh/Pages/wells.aspx>.



Tick and Mosquito Identification

This summer, the Environmental Health Division is participating in the Vector Borne Disease Surveillance and Prevention Program. This is a grant funded program. It is led by the Michigan Department of Health and Human Services.

Certain mosquito species can spread mosquito-borne illnesses. Additionally, some ticks can spread Lyme disease and other diseases. The program will work to identify populations of these mosquitoes and ticks. Mosquito traps will be set up at a minimum of five locations. And tick drags will take place at a minimum of two locations. Educational outreach and press releases will inform the community of project activities. Coordinated vector control and prevention efforts will take place throughout the county.

Mold Clean Up

When mold is in a home, it is usually because there is a source of moisture. Prevent or control mold growth by controlling indoor moisture. If you have a mold problem, your first step is to fix the water problem. To clean up the mold, follow the directions from the Michigan Department of Health and Human Services (MDHHS) below.

You will need:

- Long rubber gloves
- Goggles without holes or air vents
- N-95 mask (can purchase at a local home improvement store)
- 1 measuring cup
- 2 buckets that are gallon sized or larger
- 2 sponges or rags
- Water
- Household bleach

Before you start, open windows or use fans to blow clean air from other rooms.

To make your mold cleaning mixture:

- Put on the rubber gloves, goggles, and mask.
- Mix 1 cup of bleach with 1 gallon of water in one bucket and add one sponge or rag.
- Fill the second bucket with water only and the other sponge or rag.

To clean the moldy surface or object:

- Apply the mold cleaning mixture to the moldy object.
- Let soak for 10-15 minutes.
- Rinse with plain water.
- Dry everything well using towels or fans.
- Repeat if necessary.

For items like carpets or couches that have been wet for more than two days, you should throw them away as mold is most likely already growing. If they have been wet for less than two days and you do not see mold, soak up the water and dry as fast as possible.

Small things, like stuffed animals, should be washed in a washing machine on hot with laundry soap. Dry well. If you still see or smell mold, throw the item away. If you don't see or smell mold after cleaning the item, is probably okay to keep. For more mold cleaning tips, visit: <https://bit.ly/2Y8RHVZ>.

Sources: Livingston County. (n.d.). Mold. Retrieved from <https://www.livgov.com/health/eh/Pages/mold.aspx>

Michigan Department of Health and Human Services. (n.d.). Steps for cleaning mold. Retrieved from https://www.michigan.gov/documents/mdch/STEPS_FOR_CLEANING_MOLD_-_WEB_MDCH_473600_7.pdf



Salmonella in Live Poultry

This spring, Livingston County Health Department (LCHD) visited the Tractor Supply store in Howell as part of a surveillance effort lead by MDHHS to collect environmental samples from the bedding of baby chicks to test for Salmonella. Live baby poultry can carry Salmonella. When people handle the chicks and other birds, they can be exposed to the bacteria and become ill.

The testing will allow for identification of Salmonella strains in Livingston County. If Salmonella illness among residents is reported, the testing will aid in the investigation and follow-up care of cases.

To prevent Salmonella illness, which can be serious if not treated, take these precautions:

- Children under age 5, older adults, and people with compromised immune systems should not handle live poultry.
- Wash your hands with soap and water after touching poultry or their cages, coops, and bedding.
- Keep live poultry out of your home and kitchen.



LIVINGSTON COUNTY
Health Department

2300 East Grand River Avenue, Suite 102
Howell, MI 48843-7578

Environmental Health Services
517-546-9858

Personal and Preventive Health Services
517-546-9850



MICHIGAN TOWNSHIPS ASSOCIATION

**LIVINGSTON COUNTY CHAPTER
MEETING**

TUESDAY, APRIL 30, 2019

BRIGHTON CHAMBER OF COMMERCE

218 E. Grand River, Brighton, MI 48116

TOPIC: RECREATIONAL MARIJUANA

Pizza and Beverages Served at 6:30 p.m.

Program Begins 7:00 p.m.

Guest Panelists Include:

Prosecutor William Vaillencourt

Representative from the Livingston Co. Sheriff Dept.

Jeff Boyd from Livingston Co. EMS

Fehey, Schultz, Burzych, Rhodes PLC Attorney Matt Kuschel