CHARTER TOWNSHIP OF GARFIELD PLANNING COMMISSION MEETING

Wednesday, October 26, 2022 at 7:00 pm Garfield Township Hall 3848 Veterans Drive Traverse City, MI 49684

Ph: (231) 941-1620

AGENDA

ORDER OF BUSINESS

Call meeting to order
Pledge of Allegiance
Roll call of Board Members

1. Public Comment

Public Comment Guidelines:

Any person shall be permitted to address a meeting of The Planning Commission, which is required to be open to the public under the provision of the Michigan Open Meetings Act, as amended. (MCLA 15.261, et.seq.) Public Comment shall be carried out in accordance with the following Commission Rules and Procedures: a.) any person wishing to address the Commission is requested to state his or her name and address. b.) No person shall be allowed to speak more than once on the same matter, excluding time needed to answer Commissioner's questions. Where constrained by available time the Chairperson may limit the amount of time each person will be allowed to speak to (3) minutes. 1.) The Chairperson may at his or her own discretion, extend the amount of time any person is allowed to speak. 2.) Whenever a Group wishes to address a Committee, the Chairperson may require that the Group designate a spokesperson; the Chairperson shall control the amount of time the spokesperson shall be allowed to speak when constrained by available time. Note: If you are here for a Public Hearing, please hold your comments until that Public Hearing time.

2. Review and Approval of the Agenda – Conflict of Interest

3. <u>Minutes</u> – September 28, 2022

4. Correspondence

- a. PD 2022-94 Planning Department Monthly Report October 2022
- b. Letter from Scott Rokos dated August 19, 2022
- c. Letter from Haggard's Plumbing & Heating dated October 13, 2022
- d. Public Notice from Green Lake Township received October 17, 2022

5. Reports

- a. Township Board
- b. Planning Commissioners
 - i. Zoning Board of Appeals
 - ii. Parks and Recreation Commission
 - iii. Joint Planning Commission
- c. Staff Report
 - i. Zoning Administrator

6. <u>Unfinished Business</u>

a. PD 2022-97 - 7 Brew 2537 North US 31 Special Use Permit - Public Hearing

7. New Business

a. PD 2022-98 – Birmley Hills Site Condominium – Introduction

8. Public Comment

9. Other Business

a. PD 2022-99 - Chick-fil-A - Update

10. <u>Items for Next Agenda - November 9, 2022</u>

- a. Birmley Hills Site Condominium Public Hearing
- b. 7 Brew 2537 North US 31 Special Use Permit Findings of Fact
- c. Northern Lakes Church Child Care Special Use Permit Introduction

11. Adjournment

Joe Robertson, Secretary Garfield Township Planning Commission 3848 Veterans Drive Traverse City, MI 49684

The Garfield Township Board will provide necessary reasonable auxiliary aids and services, such as signers for hearing impaired and audio tapes of printed materials being considered at the meeting to individuals with disabilities upon the provision of reasonable advance notice to the Garfield Township Board. Individuals with disabilities requiring auxiliary aids or services should contact the Garfield Township Board by writing or calling Lanie McManus, Clerk, Ph: (231) 941-1620.

CHARTER TOWNSHIP OF GARFIELD PLANNING COMMISSION MEETING September 28, 2022

<u>Call Meeting to Order:</u> Chair Racine called the September 28, 2022 Planning Commission meeting to order at 7:00pm at the Garfield Township Hall.

Pledge of Allegiance

The Pledge of Allegiance was recited by all in attendance.

Roll Call of Commission Members:

Present: Molly Agostinelli, Pat Cline, Joe Robertson, Joe McManus, Chris DeGood, Robert Fudge and John Racine

Staff Present: Planning Director John Sych

1. Public Comment (7:00)

None

2. Review and Approval of the Agenda – Conflict of Interest (7:00)

Agostinelli moved and DeGood seconded to approve the agenda as presented.

Yeas: Agostinelli, DeGood, McManus, Robertson, Fudge, Cline, Racine

Nays: None

4. Minutes (7:01)

a. September 14, 2022 Regular Meeting

Fudge moved and Robertson seconded to approve the September 14, 2022 Regular Meeting minutes as presented.

Yeas: Fudge, Robertson, DeGood Cline, Agostinelli, McManus, Racine

Nays: None

4. Correspondence (7:02)

None

5. Reports (7:02)

Township Board Report

Agostinelli stated that there was no Township Board meeting on September 27 and Short Term Rental legislation has been voted out of committee and moved to the State Senate.

Planning Commissioners

(i) Zoning Board of Appeals

Fudge said there was no meeting.

(ii) Parks and Recreation Commission

DeGood said an upcoming meeting will review a draft plan for the Commons Natural Area and another public input session will be held soon.

(iii) Joint Planning Commission

McManus stated that there was no meeting.

Staff Report

None

6. Unfinished Business

a. PD 2022-91 Master Plan Update – Survey Results (7:04)

In preparation of the update to the Township Master Plan, a community survey of residents was conducted by the Township in August. Sych reviewed the findings of the survey which was sent to a random sample of township residents. The answers provided pertained to housing, parks, goals of the Township, commercial corridors, development and growth in the township and short term rentals. Commissioners asked questions about the breakdown of information among the various precincts. Staff will adjust the draft survey results based on commissioner feedback and the precinct information and will get it back to commissioners and the Township Board.

Scott Rokos of 1673 Cass Road commented on the survey and provided a letter.

b. PD 2022-92 – Meijer Driveway Study Results (7:47)

On June 8, 2022 approval was granted for a minor amendment for Meijer located at 3955 North US 31 South. The first condition of approval stated that design and study of the subject intersection needed to be completed prior to any improvement or traffic reconfiguration. This condition was to be completed by January 2023. Fishbeck completed a traffic study on behalf of Meijer for the signaled entrance from US-31 on August 19, 2022. OHM conducted a review of the traffic study on behalf of the Township. Since no design and or improvements will be needed for the site entrance per the Fishbeck study and concurrence by OHM, Staff recommends that the Planning Commission accept the traffic study and recognize that Condition 3.c has been met.

Agostinelli moved and Robertson seconded THAT the Fishbeck Traffic Study provided as a condition for application PUD-1997-01-F BE ACCEPTED and acknowledge that Condition 3.c of the Meijer PUD Minor Amendment Report and Decision Order has been met.

Yeas: Agostinelli, Robertson, Cline, DeGood, Fudge, McManus, Racine

Nays: None

7. <u>New Business (7:53)</u>

None

8. Public Comment (7:53)

None

9. Other Business: (7:54)

Sych indicated that Nicolette Bank will need to return to the Planning Commission with a landscaping plan to rectify the recent clear cutting on its property.

10. <u>Items for Next Agenda – October 26, 2022 (7:54)</u>

a. 7Brew 2537 North US 31 – Special Use Permit – Public Hearing

Commissioners discussed the timing of a new site condominium called Birmley Hills. Commissioners agreed to hold an introduction for the site plan at the next meeting and a public hearing on November 9th.

11. Adjournment

Fudge moved to adjourn the meeting at 8:01pm.

Joe Robertson, Secretary Garfield Township Planning Commission 3848 Veterans Drive Traverse City, MI 49684

Charter Township of Garfield Planning Department Report No. 2022-94			
Prepared:	October 4, 2022	Pages:	2
Meeting:	October 11, 2022 Township Board	Attachments:	
Subject:	Planning Department Monthly Report for October 2022		

PURPOSE:

Staff provides a monthly report to the Township Board on activities of the Planning Department and the Planning Commission. Presentation of this report also provides a venue for the Township Board to have dialog with staff about any of the activities or planning-related issues facing the Township.

DEVELOPMENTS:

The Planning Commission is currently conducting the following development review activity:

Hammond Road Apartments – R-3 Zoning Map Amendment (Rezoning)

- Location: 2051 N Garfield Road, northwest corner of Garfield and Hammond Roads
- Development Description: Proposed rezoning of about 24 acres from the Agricultural (A) to the Multi-Family Residential (R-3) zoning district.
- Status: Planning Commission conducted a public hearing on 7/13/2022; and adopted Findings of Fact and recommended approval of the application to the Township Board on 8/10/2022. The Township Board introduced the application on 8/23/2022. The Township Board held a public hearing and approved the application on 9/13/2022.

7Brew – Special Use Permit

- Location: 2537 N US 31 South, near South Airport Road (former PNC Bank site)
- Development Description: Proposed drive-through coffee shop.
- Status: Planning Commission introduced the application on 7/13/2022. Commissioners expressed concerns about left-turn vehicular movements into and out of the site and there were some questions regarding site design. The application was tabled to allow the applicant to address these concerns and receive comments from OHM Advisors on their review of the applicants' traffic impact study. MDOT has also provided comments regarding the site. Planning Commission scheduled a public hearing on the application for their meeting on 10/26/2022.

Kensington West / Kensington Park Planned Unit Residential Development (PURD) – Major Amendment

- Location: Woodward Avenue, north of South Airport Road
- Development Description: Amend PURD to accommodate expanded building footprints and meet sidewalk requirements.
- Status: The Planning Commission introduced the application on 7/13/2022 and scheduled a public hearing for 8/10/2022. The Planning Commission also gave preliminary approval of the proposed PURD amendment with conditions on 8/10/2022. The Planning Commission reviewed the updated application and granted final approval with conditions on 9/14/2022.

Brewery Terra Firma – Kitchen Concept

- Location: 2959 Hartman Road, southeast corner of Hartman Road and Dracka Road
- Development Description: Conceptual review of a proposed kitchen space for the Brewery Terra Firma Planned Unit Development (PUD)
- Status: The Planning Commission reviewed this concept on 9/14/2022. Commissioners discussed the need to ensure agricultural activity as a condition of the original PUD approval.

PLANNING:

Other planning activities include the following:

- The Planning Commission has studied several topics for potential Zoning Ordinance amendments including wetland delineation and setback requirements, wetland setbacks for snow storage areas, outdoor display area standards, and changeable copy signs in industrial districts, at study sessions on 4/27/2022, 5/25/2022, and 6/22/2022. The Planning Commission formally introduced these proposed amendments at its meeting on 7/13/2022. They held a public hearing on 8/10/2022 and recommended the proposed amendments to the Township Board. The Township Board introduced the proposed amendments on 8/23/2022. The Township Board held a public hearing and approved the proposed amendments on 9/13/2022.
- The Planning Commission will continue to study other potential Zoning Ordinance updates. At the study session on 8/24/2022, they held a discussion on potential updates to drive-through standards. Reviewing these standards may be especially beneficial after the Planning Commission has done several site plan reviews of drive-throughs over the past three years. Staff anticipates reviewing the next set of potential Zoning Ordinance amendments in early 2023.
- Staff continues to work together with Environmental Consulting & Technology, Inc. (ECT) on the Grand Traverse Commons Natural Area Design Plan and continues to meet with key stakeholders and property owners from the area around the Commons Natural Area. ECT presented to the Parks and Recreation Commission at their meeting on 9/12/2022, and Commissioners provided feedback on the proposed park design, trail system, and site elements. The final steps of the design plan will include scoping potential future projects and a potential timeline for implementation. ECT will be completing a draft plan document in October 2022, and there will be one more public engagement event in fall 2022.
- Staff is working with the Parks and Recreation Commission on an update to the Township's 5-Year Parks and Recreation Master Plan. The Michigan DNR requires an up-to-date Parks and Recreation Plan to be updated by February 1 to be eligible for grants; the current Plan expires with the DNR on 12/31/2022. Staff and Commissioners held a discussion on the Plan on 10/3/2022.
- The Planning Commission reviewed results from the 2022 Community Survey at their meeting on 9/28/2022. Staff has prepared a summary report for the Township Board for review at their meeting on 10/11/2022.
- Staff is working on an application to the Grand Traverse County American Rescue Plan Advisory Committee. The application will target five projects to address infrastructure needs in the Township. The application is due October 31, 2022.

STAFF:

John Sych, AICP, Planning Director
Email: jsych@garfield-twp.com

Stephen Hannon, AICP, Deputy Planning Director
Email: shannon@garfield-twp.com

Email: jsych@garfield-twp.com
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Email: shannon@garfield-twp.com
Direct Line: (231) 225-3156

Friday, August 19, 2022

Scott Rokos 1673 Cass Road, Traverse City, Michigan, 49685

I am a Garfield Township resident and am writing this in attempts at being a "better" citizen by trying to inform (at least from my perspective) this master plan process beyond the limited scope of the survey that was mailed. I am part of a family of four which includes two small children ages 4 and 20 months, my children are fourth generation of family in my house.

It occurred to me to think of Garfield Township as the "Flint of Grand Traverse County." It's the place to travel through to get to someplace else nicer, buy something, eat at a restaurant, but if given the option probably the last township in the county anyone would care to have a family and raise children in. There's a lot of concrete and asphalt, commerce, and traffic but no real parks and zero sidewalks. It seems as though the powers that be are doing everything they can to drive out families or at least to make Garfield Township less inviting to them. My family would consider moving to someplace more family friendly, but it's nearly impossible to find decent affordable home in the area.

I contend that Garfield Township could consider itself close to "maxed out" with development and it should perhaps consider making life for the few people that live here better, via quality-of-life improvements like sidewalks and parks. The direction of the township seems to be the pursuit of maximum commercial development at all costs, and that Garfield Township has gone "all-in" on commercial / industrial development like Flint did on the auto industry and its attendant commercial development.

In comparison Blair Township is much smaller than Garfield in terms of revenue but has the nicest township park in the county. They have a large, centralized park that contains tennis courts, basketball courts, exercise equipment, a circular track for walking or running, a few baskets for disc-golf and most importantly, a wonderful child play area.

This large play area for children has nice equipment with different spaces dedicated to different age groups-a large climbing and play area for older kids and smaller equipment for toddlers. Connected to this playground area is the best splash pad / water park area in the county. This whole play area is very thoughtfully enclosed in a nice fence with only two ways in or out. The fence is the perfect height so one can see through/over it while sitting on a bench to look for escaped children, yet low enough so they can't escape unless a gate is left open. There are numerous benches for tired parents to sit on, and the fact that those parents only must watch two exits allows them that time to relax. Additionally, connected to the play area is also a covered porch space with tables that can be used for changing diapers, picnics, parties, and anything else.

My family of four often travel to Blair Township to use that park. The unique and thoughtful characteristics of that park provide tired parents with an opportunity to relax while their children have a wonderful time and interact with each other. This park in Blair Township provides its families with a much nicer quality of life and in my opinion, Garfield Township should be embarrassed that a much smaller and less affluent township outclasses it in quality of life it provides its families. My wife and I were surprised by another unexpected benefit to ourselves, while our children played there, we were able to meet and interact with other parents. We have made friends from this process and as is often the case, parents are as starved for adult interaction as the children are of peer stimulation.

Another suggestion is the building of sidewalks or bike paths. I realize this is a county-wide problem but outside the city itself, there is nowhere to ride safely within the township. I live four miles from work and would gladly ride my bicycle to work to alleviate traffic, save money and get exercise. I tried last year but after a few close calls with speeding traffic, I gave up after an inattentive driver did bump me with their car and knocked me off my bike. It's impossible to take one's family on a bike ride anywhere along the main arteries like Cass Road, M37, South Airport Road, Garfield, etc. Perhaps more people would bike to work or utilize bike paths if available, and this might even in some small way, help with traffic congestion on the roads.

I realize Garfield Township does have unique opportunities it provides, the park on East Silver Lake Road and Hickory Hills are examples. However, neither of these really offers much to families with young children, and the important ability for young children to interact with each other is virtually non-existent in these places.

How many different types of chicken sandwiches do we need in Garfield Township? How many different widget stores does Garfield Township need in addition to a mall on life support and a dead Kmart building? At some point one would hope that the families living in Garfield Township would realize some benefit for their children other than being able to buy them a convenient happy meal, taking a quick trip to the mall to play in a tiny play area, or even buying a cheap ticket to the same old baseball game at a largely empty stadium. Are there some creative ideas for providing families with recreational activities perhaps in the winter months? Why not be ambitious and take Blair Township's Park model and make it bigger and better because Garfield is bigger, wealthier, and supports its local families?

The troubling demographic problems in the area are well known and now starting to become painful to those very same commercial and industrial businesses Garfield Township has been working overtime to cram into the township. The likely workforce needed for most of those businesses is of a younger demographic, but the township has shown little interest in creating an atmosphere that allows younger families to thrive and want to live in it. Those wealthy retirees that keep moving here are not going to work in your new Chick- Fil-A, your Elmers Excavating, or your various other businesses starved for good employees. Perhaps Garfield Township can change its priorities and values away from commercial interests and development to making the quality of life better for the young children and their families, and when I say young families, I mean

blue-collar families as that's what most of those businesses essentially are, and the types of employees they will need.

Surrounding townships like Blair and Long Lake can provide their communities a more family-friendly quality of life off the back of Garfield Township. They don't have to worry about taking up space for big-box stores or car dealerships, Garfield has done that for them. They can save their spaces for parks or single-family homes. They have options.

But, I suppose, being the "Flint of Grand Traverse County" is something.

If you've taken the time to read through this, it is appreciated thank you.

whohor



Ref: Special use Permit from Kevin Myers for a 652 square foot drive-through coffee shop named 7Brew Parcel Parcel#05-022-046-10

To whom it May Concerns,

Upon reviewing the above notice, I would like to express my view on the above request. Haggard's Plumbing & Heating is not opposed to the changes of the property and/or the request. If a property owner is fortunate enough to have the ability and the recourses in this time to either build and/or improve their existing property, it would only help the economy continue to grow. It would prove positive for the local, county, and state to do all we can to improve and promote in anyways possible.

Sincerely,

John Haggard

Haggard's Plumbing & Heating



Green Lake Township 4d. 9394-10th Street Interlochen MI 49643 (231) 276-9329 greenlaketownship.org

PUBLIC NOTICE

Green Lake Township, Grand Traverse County, Michigan Notice of Public Input Session Regarding the Township Master Plan

Please take note that the Green Lake Township Planning Commission will hold a public input session to gain insight on the opinions of township residents, property owners and the like as we undertake planning efforts to develop our Master Plan and the Plan's Future Land Use Map for possible changes, in accordance with the requirements of the Michigan Planning Enabling Act, PA 33 of 2008, as amended.

The Township asks for your cooperation and assistance with this input session by attending and providing any comments regarding the Master Plan development.

The input session is scheduled for Wednesday, November 2, 2022 at 6pm at the Golden Fellowship Hall, 9700 Riley Road, Interlochen.

Your attendance is encouraged.

Please direct any correspondence or questions to:

Green Lake Township 9394 10th Street Interlochen, MI 49643 231-276-9329 zoning@greenlaketownship.org

Sincerely,

Alycia Reiten Planning Zoning Director RECEIVED

OCT 1 7 2022

PLANNING

Charter Township of Garfield Planning Department Report No. 2022-97			
Prepared:	October 19, 2022	Pages: 8	
Meeting:	October 26, 2022 Planning Commission	Attachments:	
Subject:	7Brew 2537 North US-31 Special Use Permit – Public Hearing		
File No.	SUP 2022-01 Parcel No	Parcel No. 05-021-036-10	
Applicant:	2537 N US 31 South LLC – Kevin Myers		
Agent:	BFA, Inc. – John Schebaum		
Owner:	2537 N US 31 South LLC		

BRIEF OVERVIEW:

Location: 2537 N US-31 South, north of South Airport Road

• Parcel area: 0.46 acres

• Existing land use: Former PNC Bank building with drive-through

• Existing zoning: C-G General Commercial District

PURPOSE OF APPLICATION:

This application requests approval of a Special Use Permit for a proposed 652-square foot drive-through coffee shop with only drive-through and walk-up service, with no dine-in services. Drive-through business uses are permitted via Special Use Permit in the C-G General Commercial District. The site (Parcel ID #05-021-036-10) is occupied by the former PNC Bank building with drive-through.



SITE DESIGN AND ZONING COMPLIANCE OVERVIEW:

In approving any Special Use Permit pursuant to Section 423, the Planning Commission may impose such reasonable standards, conditions, or requirements, in addition to or that supersede any standard specified in this ordinance, as it may deem necessary to protect the public interest and welfare. Such additional standards may include, but need not be limited to:

- a) Financing;
- b) Availability of adequate public facilities or services;
- c) Dedication of land;
- d) Reservation of land;
- e) Creation of special assessment districts;
- f) Creation of restrictive covenants or easements;
- g) Special setbacks;
- h) Yard requirements;
- i) Increased screening or landscaping requirements;
- j) Area requirements;
- k) Development phasing; or
- 1) Standards pertaining to traffic, circulation, noise, lighting, hours of operation, protection of environmentally sensitive areas, and similar characteristics.

Staff offers the following comments regarding site design and compliance with the Zoning Ordinance:

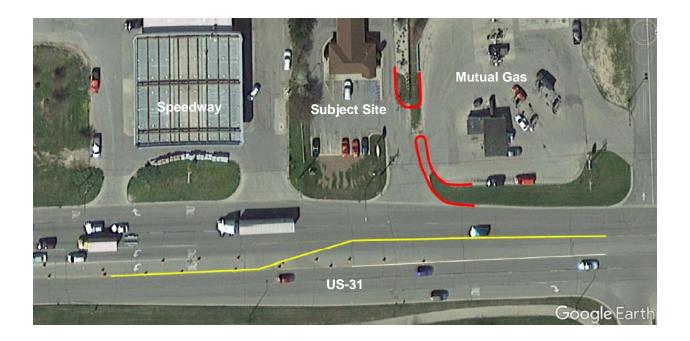
Setbacks:

The front setback is 40 feet in the C-G District; however, drive-throughs are required to have a 60-foot setback from the right-of-way line. Side and rear yards in the C-G District shall be ten percent (10%) of the lot width and depth, respectively, but need not exceed twenty-five (25) feet each, provided that no setback shall be less than ten (10) feet. In this case, the parcel is 100 feet wide, therefore the side and rear yard setbacks shall be 10 feet. The proposed buildings and structures meet the front, side, and rear yard setback requirements.

Traffic Impact Report:

In accordance with Section 618, a traffic impact report was requested to determine that unsafe or hazardous conditions will not be created by the development as proposed. As requested, the applicant has provided a traffic impact report prepared by Fishbeck. The Township's traffic engineer, OHM Advisors, conducted a review of the traffic impact report and provided a response. See attached reports from Fishbeck and OHM. As noted in the OHM report dated September 6, 2022, the following recommendation was made:

"US-31 at Airport Road Queues – The analysis indicates that the PM peak southbound queues (both existing and future) extend to and beyond the 7Brew site drive. This may become an issue when vehicles are attempting to access the site traveling NB on US-31. While the study indicates there is room for two vehicles to stack to turn left into the site, there may be no room due to queues extending through this area. In addition, for vehicles to get into this storage area there is no taper, so vehicles would need to cross the double yellow to get in. Providing a taper and stacking for left turns in would be safer for 7Brew traffic but would then have SB US-31 left-turn traffic spilling into the through lanes. This leaves this situation as an area of concern and may warrant further discussion with MDOT (Michigan Department of Transportation)."



Response from MDOT stated, "Overall, MDOT agrees with the proposed plan for the 7Brew development. However, the department would like to see the entrance striped for a right turn lane, left turn lane, and an inbound lane."

Access Management:

Currently, ingress from and egress to US-31 is through a shared drive with the Mutual gas station. The shared driveway was never approved for the site; however, it was constructed as part of an MDOT intersection improvement project in 2003. As part of their review, OHM was directed to review the driveway configuration to determine that unsafe or hazardous conditions will not be created by the proposed development. As noted in the OHM report dated September 6, 2022, the following recommendation was made:

"The site plan has been improved to help traffic navigate leaving and entering 7Brew while considering traffic to/from the gas station. The proposed changes include providing a setback stop for vehicles leaving 7Brew, which would provide right of way to traffic leaving the gas station. While this does improve on the previous site plan, there could be further improvement if the gas station and 7Brew worked together to revise the access for both sites. The figure above provides an additional concept to further channelize traffic to reduce conflicts. In this configuration, traffic leaving both 7Brew and the gas station could be under stop control. This concept gives priority to traffic entering both sites, which in turn prevents vehicles from backing up out onto US-31."

In the most recent site plan, pavement markings on the joint driveway have been provided to manage ingress and egress of the site. Furthermore, a shared driveway easement and agreement is required this joint driveway according to Section 513 Commercial and Industrial Joint Driveways of the Zoning Ordinance.

Parking, Loading, and Snow Storage

Drive-in or drive-through only restaurants have a minimum parking requirement of 1 for each employee on the largest shift plus one for each outdoor table. The site plan indicates there are 5 employees per shift. There are 6 parking spaces proposed including 1 barrier-free space. The building is small enough that a loading zone is not required.

Bicycle parking shall be provided at the rate of 2 bicycle spaces per 25 motor vehicle spaces. One bicycle rack is proposed and indicated on the plan, which will give space for 2 bicycles.

As required by Section 551 of the Ordinance, a ratio of ten (10) square feet of snow storage is required per one hundred (100) square feet of parking area. With 10,390 square feet of parking area, 1,275 square feet of snow storage area has been indicated on the site plan which meets this requirement.

Sidewalks:

A bike path is required on US-31 according to Section 522.A. of the Zoning Ordinance. A 10-foot-wide asphalt bike path is shown on the site plan. A five-foot-wide concrete sidewalk from the bike path towards the building is also shown.

Lighting

A photometric site plan is included with the site plan. Lighting standards of Section 517 of the Zoning Ordinance are described as follows:

Zoning Ordinance Lighting Standard	Subject Site
A. Applicability – All outdoor lighting shall be installed in conformance with the provisions of this section. Certain light fixtures exempt from this section include decorative lighting, public streetlights, emergency lights, nonconforming existing lights, neon, and flag lighting.	None of these exceptions apply to this site, so all lighting for this site is subject to the requirements of this section.
B. Shielding and Filtration – Lighting fixtures shall provide glare free area beyond the property line and light shall be confined to the lot from which it originates. All fixtures shall have full cut-off and shall not direct light upwards. Light sources shall be located, and light poles shall be coated, to minimize glare.	Information has been provided on the type of fixtures and appear to meet these requirements.
C. Illumination – Average illumination levels shall not exceed 3.0 foot-candles (FC) for the main parking area, 2.0 FC for the peripheral parking area, 5.0 FC for main drive areas, and 20.0 FC directly below the lighting fixture. The illumination levels shall also not exceed 1.0 FC adjoining another nonresidential zoning district along a property line, or 2.0 FC along an arterial. Average lighting values of illuminated areas ranging from 0.5 to 1.5 FC are recommended.	The photometric plan shows 29 light fixtures, including four pole mounted fixtures, one building mounted fixture, and 24 under canopy fixtures. The most intense light is under the canopy at 30.4 foot-candles. The lighting fixtures need to be adjusted to meet the lighting standards of Section 517 for illumination.
D. Color Temperature – All proposed lamps shall emit light measuring 3,500 K or warmer.	Fixture specifications have been provided that indicate a color temperature of 3,000 K which meets this requirement.

Zoning Ordinance Lighting Standard	Subject Site
E. Prohibitions – Prohibitions include mercury-vapor or metal halide fixture and lamps, laser source lights, searchlights, or any light that does not meet shielding and illumination standards.	Information has been provided on the type of fixtures and appear to meet these requirements.
F. Pole Height – All pole-mounted lighting shall not exceed the maximum zoning district height.	Four light poles are proposed and meet height requirements.

The lighting plan shall adjust the lighting fixtures to meet illumination levels in accordance with Section 517 of the Zoning Ordinance.

Landscaping

Landscaping requirements are described by the following for each length of greenspace area (e.g., without including the ingress and egress drives):

Greenspace (Length)	Adjacent Land Use	Buffer Planting Requirement	Amount Required	Amount Provided
East (75 ft.)	State Highway (US 31)	Type "D" * Ground cover as specified in Section 530.J, plus * 4 large trees, 3 medium or small trees, and 3 evergreen or coniferous trees per 100 linear feet of greenspace area * Minimum width: 20 feet	3 large trees 2 med./small trees 2 evergreen trees 20-foot width	3 large trees 2 med./small trees 2 evergreen trees 10-foot to 20-foot width
North (165 ft.)	Commercial	Type "B" * Ground cover as specified in Section 530.J, plus * 2 large trees, 1 medium or small tree, and 4 shrubs per 100 linear feet of	3 large trees 2 med./small trees 6 shrubs 10-foot width	0 large trees 2 existing med./small trees (*credit for 4 trees) 1 new med./small tree 10 shrubs 7-foot width
West (161 ft.)		greenspace area * Minimum width: 10 feet	2 large trees 1 med./small tree 4 shrubs 10-foot width	Existing retaining wall with gravel due to the steep slope.
South (200 ft.)			4 large trees 2 med./small trees 8 shrubs 10-foot width	4 existing large trees (*credit for 16 trees) 4 existing med./small trees (*credit for 8 trees) 5-foot width

The Planning Commission may waive or adjust any landscaping requirement in whole or in part provided that certain conditions exist upon the site.

- As proposed, the plantings for the north and south buffers are acceptable due to credit from existing trees. The existing widths of the buffers are substandard with the north at 7 feet and the south at 5 feet, however they are acceptable.
- The existing west buffer consisting of landscape gravel and a retaining wall is acceptable due to the steep slope between the subject site and the existing Best Buy store.

• As proposed, the east buffer meets planting requirements. However, the buffer width is substandard in places.

Dumpster Enclosure

Section 516 states that enclosures shall be finished with the same materials and colors as the exterior finish of the principal structure or shall be concrete block or similar material. A dumpster enclosure is shown for the northside of the site. Details of the enclosure are included (Sheet A5.0) and show an enclosure that is 16-0" x 12-8" and 7' tall. The enclosure will be a red brick and block with a wood gate.

Signs

Signs require sign permit review and are not approved under the site plan review process. A note on Sheet SP-1 states "Signs are subject to sign permit review by Garfield Township."

Stormwater Management

Stormwater review by the Township Engineer will be required prior to the issuance of a Land Use Permit.

Other Reviews:

Other reviews may be necessary including Metro Fire and Michigan Department of Transportation.

USE STANDARDS – DRIVE-THROUGH:

Section 730 of the Zoning Ordinance outlines several specific regulations and conditions for drive-in and drive-through uses, including the following:

1. Service and dining may be in automobiles or outdoors, but all other activities shall be carried on within a building.

The site plan shows the building, drive-through, and parking area. No outdoor dining is proposed, but a picnic table is provided.

2. A setback of at least sixty (60) feet from the right-of-way line of any existing or proposed street shall be maintained.

The building measures approximately 60 feet from the right-of-way line of US-31.

3. Ingress and egress points shall be located at least fifty (50) feet from the nearest edge of the traveled portion of any intersecting streets.

The proposed drive is 400 feet from the intersection of US-31 and South Airport Road. However, due to the large scale of this intersection, deceleration lanes and double left turn lanes extend back from the intersection to the subject site.

4. Pedestrian areas shall be clearly marked and maintained.

The site plan shows internal sidewalks around the front and sides of the building with a designated connection to the pathway on US-31.

5. Only one (1) ingress-egress drive shall be allowed per major thoroughfare.

There is only one existing ingress-egress drive for this site onto US-31.

6. All parking requirements shall comply with Article 5 of this Ordinance.

Parking requirements are described in a previous section of this report.

7. Notwithstanding the dimensional standards of this Ordinance, lots used for drive-in businesses and drive-in or drive-through restaurants shall have a minimum width of one hundred (100) feet.

The parcel width is 100 feet.

8. Queuing requirements, drive-in and drive-through businesses shall be designed to accommodate the maximum number of queuing vehicles that may be expected to seek service at any one time without queuing onto an adjacent thoroughfare, including service drives. The determination as to the required queuing spaces shall be established by the Planning Commission based upon the anticipated number of vehicles likely to queue while waiting for service. The Planning Commission may require more than twelve (12) queuing spaces based upon evidence presented to it, but in no event shall the required number of queuing spaces be reduced below twelve (12).

The site plan shows the drive-through lanes will accommodate at least 12 queuing spaces.

9. Notwithstanding the provisions of this section, the queuing of vehicles onto the traveled portion of a public roadway providing access to the business establishment such that queuing interferes to an extent with the free flow of traffic on the traveled portion of that roadway shall subject the Special Use Permit holder to enforcement action, including fines, injunctive relief and/or revocation of the Special Use Permit.

This requirement shall be enforced as needed as part of the operation of the site.

10. The site shall have been found to be a suitable site for a drive-in or drive-through establishment, with regard to traffic safety, by a registered engineer with an educational specialization in traffic engineering.

The applicant has provided a traffic impact report from a registered traffic engineer.

SCENARIOS FOR CONSIDERATION

In Section 423.E Approval Criteria of the Zoning Ordinance, a special use is permitted only if the applicant demonstrates that "adequate measures shall be taken to provide ingress and egress so designed as to minimize traffic hazards and to minimize traffic congestion on the public roads;" and, "adequate measures shall be taken to provide vehicular and pedestrian traffic within the site, and in relation to streets and sidewalks servicing the site in a safe and convenient manner."

To meet the above criteria and other requirements of the Zoning Ordinance, Staff offers three scenarios for consideration for the proposed use and its associated development:

According to Section 423 Special Use Permits in the Zoning Ordinance, "No inherent right exists
to receive a special use permit. Such authorization must be approved under a set of circumstances
and conditions. Each application and situation is unique. Every special use permit application or
amendment shall, at a minimum, be required to comply with every requirement contained in each

article of this ordinance. Mere compliance with the generally applicable requirements, however, may not be sufficient and additional measures and conditions may be necessary to mitigate the impact of the proposed development."

Furthermore, Section 512 Access Management and Restrictions in the Zoning Ordinance states that the "Planning Commission shall be the reviewing authority regarding access for the development of property and shall have the authority to require a reduction in current or proposed road access locations and/or require shared access to one (1) or more parcels."

The site plan proposes use of a joint driveway. Such proposal requires adherence to Section 513 Commercial and Industrial Joint Driveways which includes establishment of an easement agreement and a maintenance agreement. As proposed, this requirement has not been met.

- 2. If a joint driveway cannot be provided in accordance with the Zoning Ordinance as noted above, then a new driveway could be established as was previously constructed on the site. When the Special Use Permit was approved for the former bank on the subject site, a right-in, right-out driveway was constructed.
- 3. Conditions of approval of a Special Use Permit may address standards pertaining to traffic and circulation pursuant to Section 423.D (2) of the Zoning Ordinance. If the proposed site plan is approved as part of an approved Special Use Permit, including the portion of proposed driveway improvements, the Special Use Permit holder is subject to enforcement action, including fines, injunctive relief and/or revocation should the operation fail to meet the approval criteria and any associated conditions of approval.

ACTION REQUESTED:

The purpose of this agenda item is to hold a public hearing on the application. If, following the applicant presentation and Planning Commission discussion, the Commission is prepared to direct Staff to prepare Findings of Fact, then the following motion is offered for consideration:

MOTION TO direct Staff to prepare Findings of Fact for application SUP 2022-01, submitted by BFA, Inc., for a Special Use Permit for a drive-through coffee shop at 2537 N US-31 South.

Any additional information that the Planning Commission determines to be necessary should be added to this motion.

Attachments:

- 1. Application for Special Use Permit (dated June 8, 2022)
- 2. Impact Statement and Basis of Determination (dated June 8, 2022)
- 3. 7Brew Traffic Impact Study (from Fishbeck dated June 8, 2022 summary only)
- 4. Proposed 7Brew Coffee Shop Traffic Impact Study Review (from OHM dated July 28, 2022)
- 5. 7Brew Traffic Impact Study Response to OHM Review (from Fishbeck dated August 23, 2022 summary only)
- 6. OHM Comments Re: 7Brew Traffic Impact Study Response to OHM Review (from OHM dated September 6, 2022)
- 7. Site Plan prepared by BFA, Inc. (dated October 17, 2022)
- 8. Email from Michigan Department of Transportation (MDOT) (dated September 29, 2022)
- 9. Letter from Community Planning & Land Use Consulting and attachment (dated October 17, 2022)



Charter Township of Garfield

Grand Traverse County

3848 VETERANS DRIVE TRAVERSE CITY, MICHIGAN 49684 PH: (231) 941-1620 • FAX: (231) 941-1588

SPECIAL USE PERMIT (SUP) APPLICATION

ASSISTANCE

This application must be completed in full. An incomplete or improperly prepared application will not be accepted and will result in processing delays. Before submitting an application, it is recommended that you contact the Planning and/or Zoning Department to arrange an appointment to discuss your proposed application. Time is often saved by these preliminary discussions. For additional information or assistance in completing this development application, please contact the Planning Department at (231) 941-1620.

ACTION REQUESTED

New Special Use Permit

Major Amendment

Minor Amendment

Administrative Amendment

PROJECT / DEVELOPMENT NAME

APPLICANT INFORMATION

Name:

Address:

Phone Number:

Email:

AGENT INFORMATION

Name:

Address:

Phone Number:

Email:

OWNER INFORMATION

Name:

Address:

Phone Number:

Email:

CONTACT PERSON

Please select one person to be contact person for all correspondence and questions:

Applicant:

Agent:

Owner:

PROPERTY INFORMATION

Property Address:

Property Identification Number:

Legal Description:

Zoning District:

Master Plan Future Land Use Designation:

Area of Property (acres or square feet):

Existing Use(s):

Proposed Use(s):

PROJECT TIMELINE

Estimated Start Date:

Estimated Completion Date:

REQUIRED SUBMITTAL ITEMS

A complete application for a Special Use Permit consists of the following:

Application Form:

One original signed application

One digital copy of the application (PDF only)

Application Fee:

Fees are established by resolution of the Garfield Township Board and are set out in the current Fee Schedule as listed on the Planning Department page of the Township website (http://www.garfield-twp.com). Please make check out to Charter Township of Garfield.

Fee

Escrow Fee:

Additional fees may be required if a review by independent professional help is deemed necessary by the Township. If required, such additional fees must be placed in escrow by the applicant in accordance with the escrow policies of the Township and prior to any further processing of this application. Any unused escrow funds shall be returned to the applicant. Please complete an Escrow and Review (ER) Application form.

Site Development Plan:

Ten complete stapled 11"x17" paper sets (Administrative Amendments require one copy)

Two complete bound 24"x36" paper sets

One digital set (PDF only)

Written Information:

Ten paper copies of the Approval Criteria (Administrative Amendments require one copy)

One digital copy of the Approval Criteria (PDF only)

Ten paper copies of the Impact Assessment (Administrative Amendments require one copy)

One digital copy of the Impact Assessment (PDF only)

Digital items to be delivered via email or USB flash drive

SUBMITTAL DEADLINE

Submittal deadlines are listed on the Planning Department page of the Township website (http://www.garfield-twp.com). Please note that the listed dates are the deadlines after which submittals will not be considered for the indicated meeting. Any errors or missing information on an application submitted at the deadline will result in a delay in the processing of the application. An earlier submittal is encouraged to avoid possible delays.

WAIVERS

Submittal Waiver:

At the discretion of the Director of Planning, a Site Development Plan may be waived in any of the following cases when it is determined that the submission would serve no useful purpose:

- 1. The erection or enlargement of an accessory structure;
- 2. The enlargement of a principal building by less than 20 percent of its existing gross floor area, provided such enlargement will not result in a requirement for additional off-street parking;
- 3. A change in principal use where such change would not result in an increase in impervious surface area, additional off-street parking, site access, other external site characteristics or a violation of this ordinance.

Data Waiver:

The Director of Planning may waive a particular element of information or data otherwise required for a Site Development Plan upon a finding that the information or data is not necessary to determine compliance with this ordinance or that such information or data would not bear on the decision of the approval authority.

SITE PLAN

Check that your site plan includes all required elements for a Site Development Plan (SDP). Please use the Required Site Plan Elements Checklist below.

APPROVAL CRITERIA

Indicate, on a separate sheet of paper, how the proposed special use will comply with, meet, or facilitate each of the following Approval Criteria from § 423.E of the Zoning Ordinance. The Planning Commission must determine that each of these criteria are satisfied in order to grant approval of a Special Use Permit. A special use is permitted only if the applicant demonstrates that:

The proposed use will be consistent with the purpose and intent of the master plan and this ordinance, including all regulations of the applicable zoning district;

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The proposed use will be designed, constructed, operated and maintained so as to be compatible, harmonious and appropriate with the existing or planned character and uses of the neighborhood, adjacent properties and the natural environment;

The proposed use will not be detrimental, hazardous or disturbing to existing or future adjacent uses or to the public welfare by reason of excessive traffic, noise, dust, gas, smoke, vibration, odor, glare, visual clutter, electrical or electromagnetic interference;

Potential adverse effects arising from the proposed use on the neighborhood and adjacent properties will be minimized through the provision of adequate parking, the placement of buildings, structures and entrances, as well as the provision and location of screening, fencing, landscaping, buffers or setbacks;

The proposed use will retain as many natural features of the property as practicable, particularly where the natural features assist in preserving the general character of the neighborhood;

Adequate public and private infrastructure and services such as streets, water and sewage facilities, drainage structures, police and fire protection, and schools, already exist or will be provided without excessive additional requirements at public cost;

The establishment, maintenance, or operation of the proposed use shall not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare;

The public interest and welfare supporting the proposed use shall be sufficient to outweigh individual interests that are adversely affected by the establishment of the proposed use;

Adequate measures shall be taken to provide ingress and egress so designed as to minimize traffic hazards and to minimize traffic congestion on the public roads;

Adequate measures shall be taken to provide vehicular and pedestrian traffic within the site, and in relation to streets and sidewalks servicing the site in a safe and convenient manner; and

The proposed use shall not impede the orderly development and improvement of surrounding property for uses permitted within the zoning district.

IMPACT ASSESSMENT

A written impact statement to include the following information:

A written illustrative description of the environmental characteristics of the site prior to development, i.e., topography, soils, vegetative cover, drainage, streams, creeks or ponds.

Types of uses and other man-made facilities.

The number of people to be housed, employed, visitors or patrons and vehicular and pedestrian traffic.

Phasing of the project including ultimate development proposals.

Natural features which will be retained, removed and/or modified including vegetation, drainage, hillsides, streams wetlands, woodlands, wildlife and water. The description of the areas to be changed shall include their effect on the site and adjacent properties. An aerial photo may be used to delineate the areas of change.

The method to be used to serve the development with water and sanitary sewer facilities.

The method to be used to control drainage on the site and from the site. This shall include runoff control during periods of construction.

If the public sewers are not available to the site, the Applicant shall submit a current approval from the Health Department or other responsible public agency indicating approval of plans for sewage treatment.

The method to be used to control any increase in effluent discharge to the air or any increase in noise level emanating from the site. Consideration of any nuisance that would be created within the site or external to the site whether by reason of dust, noise, fumes vibration, smoke or lights.

An indication of how the proposed use conforms with existing and potential development patterns and any adverse effects.

The proposed density in units per acre for residential developments.

Name(s) and address(es) of person(s) responsible for preparation of statement.

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 County Soil Erosion and Sedimentation office.

Yes

Not

Applicable

No

Type, direction, and intensity of outside lighting.

General description of deed restrictions, if any.

ADDITIONAL INFORMATION

If applicable, provide the following further information:

A. Sanitary Sewer Service

1. Does project require extension of public sewer line?

If yes, has a Utility Agreement been prepared?

2. Will a community wastewater system be installed?

If yes, has a Utility Agreement been prepared?

If yes, provide construction plans and specifications

3. Will on-site disposal be used?

If yes, is it depicted on plan?

- B. Water Service
- 1. Does project require extension of public water main?

If yes, has a Utility Agreement been prepared?

2. Will a community water supply be installed?

If yes, has a Utility Agreement been prepared?

If yes, provide construction plans and specifications

C. Public utility easements required?

If yes, show on plan.

- D. Stormwater Review/Soil Erosion
- Soil Erosion Plans approved by Soil Erosion Office?

If so, attach approval letter.

If no, are alternate measures shown?

2. Stormwater Plans approved by Township Engineer?

If so, attach approval letter.

If no, are alternate measures shown?

Note: Alternate measures must be designed and sealed by a registered Engineer.

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E. Roads and Circulation

1. Are interior public streets proposed?

If yes, has Road Commission approved (attach letter)?

- 2. Will public streets connect to adjoining properties or future streets?
- 3. Are private roads or interior drives proposed?
- 4. Will private drives connect to adjoining properties service roads?
- 5. Has the Road Commission or MDOT approved curb cuts?

If yes, attach approved permit.

OTHER INFORMATION

If there is any other information that you think may be useful in the review of this application, please attach it to this application or explain it on a separate page.

REVIEW PROCESS

• Upon submittal of this application, Staff will review the materials submitted and will, within ten (10) working days, forward a determination of completeness to the applicant. If the submission is incomplete or noncompliant with the Zoning Ordinance, it will be returned to the applicant for revision. Once the submission is revised, Staff will again review it for completeness and again forward a determination to the applicant within ten (10) working days.

This procedure shall be repeated until a complete submission is received.

- Once the application is deemed to be complete and submitted according to the application deadlines, it will be
 forwarded to the Planning Commission for review. The Planning Commission will determine if the application is
 complete and schedule a public hearing.
- Upon holding a public hearing, the Planning Commission may approve, approve with conditions, or deny the proposed special use.
- If approved or approved with conditions, the decision of the Planning Commission shall be incorporated into a written report and decision order.

PERMISSION TO ENTER SUBJECT PROPERTY

Permission is hereby granted to Garfield Township staff and Planning Commissioners to enter the premises subject to this application for the purposes of making inspections associated with this application, during normal and reasonable working hours.

Owner Signature:

Applicant Signature:

Agent Signature:

Date:

OWNER'S AUTHORIZATION

If the applicant is not the registered owner of the lands that is the subject of this application, the owner(s) must complete the authorization set out below.

I/We _____ authorize to make this application on my/our behalf and to provide any of my/our personal information necessary for the processing of this application. Moreover, this shall be your good and sufficient authorization for so doing.

Owner Signature:

Date:

AFFIDAVIT

The undersigned affirms that he/she or they is (are) the owner, or authorized agent of the owner, involved in the application and all of the information submitted in this application, including any supplemental information, is in all respects true and correct. The undersigned further acknowledges that willful misrepresentation of information will terminate this permit application and any permit associated with this document.

Owner Signature:

Date:

Applicant Signature:

Date:

	Required Site Plan Elements Checklist (See § 956 of the Zoning Ordinance) Site Diagram (SD) / Administrative Site Plan (ASP) / Site Development Plan (SDP)	SD	ASP/ SDP
Α.	Basic Information		
1.	Applicant's name, address, telephone number and signature		· ·
2.	Property owner's name, address, telephone number and signature		· ·
3.	Proof of property ownership		V
4.	Whether there are any options or liens on the property		ν
5.	A signed and notarized statement from the owner of the property that the applicant has the right to act as the owner's agent		
6.	The address and/or parcel number of the property, complete legal description and dimensions of the property, setback lines, gross and net acreages and frontage		
7.	A vicinity map showing the area and road network surrounding the property		1
8.	Name, address and phone number of the preparer of the site plan		
9.	Project title or name of the proposed development		
10.	Statement of proposed use of land, project completion schedule, any proposed development phasing		,
11.	Land uses and zoning classification on the subject parcel and adjoining parcels		,
12.	Seal of the registered engineer, architect, landscape architect, surveyor, or planner who prepared the plan, as well as		
	their name, address and telephone number		
	Site Plan Information		
1.	North arrow, scale, and date of original submittal and last revision		,
2.	Boundary dimensions of natural features		
3.	Natural features such as woodlots, water bodies, wetlands, high risk erosion areas, slopes over twenty-five percent (25%),		
_	beach, drainage, and similar features		
4. -	Proposed alterations to topography and other natural features		
5.	Existing topographic elevations at two-foot intervals except shown at five-foot intervals where slopes exceed 18%		
3.	Soil erosion and sediment control measures as required by the Grand Traverse County Soil Erosion Department.		
7.	The location, height and square footage of existing and proposed main and accessory buildings, and other existing structures		
2	Location and specifications for any existing or proposed (above or below ground) storage facilities for any chemicals,		
3.	salts, flammable materials, or hazardous materials. Include any containment structures or clear zones required by county, state or federal government authorities		
9.	Proposed finish floor and grade line elevations of any structures		
	*Required only for habitable construction within the floodplain on site diagrams and administrative site plans.	*	,
10.	Existing and proposed driveways, including parking areas		
11.	Neighboring driveways and other vehicular circulation features adjacent to the site		
12.	A dimensional plan indicating the location, size and number of parking spaces of the on-site parking areas, and shared parking areas		
13.	Identification and dimensions of service lanes and service parking, snow storage areas, loading and unloading and docks		
	Proposed roads, access easements, sidewalks, bicycle paths, and other vehicular and pedestrian circulation features within and adjacent to the site		
15.	Location of and dimensions of curb cuts, acceleration, deceleration and passing lanes		
16.	Location of neighboring structures that are close to the parcel line or pertinent to the proposal		
17.	Location of water supply lines and/or wells		
18.	Location of sanitary sewer lines and/or sanitary sewer disposal systems		
19.	Location, specifications, and access to a water supply in the event of a fire emergency		
20.	Sealed (2) stormwater plans including the location and design of storm sewers, retention or detention ponds, swales,		
21.	wastewater lines, clean out locations, connection points and treatment systems A utility plan including the location of all other utilities on the site including but not limited to natural gas, electric, cable TV, telephone and steam		
22.	A sign plan indicating the location, size and specifications of all signs and advertising features, including cross sections		
	A sign plan indicating the location, size and specifications of all signs and advertising features, including cross sections A lighting plan including exterior lighting locations with area of illumination illustrated by point values on a photometric plan, Kelvin rating, as well as the type of fixtures and shielding to be used		
24	Proposed location of any open spaces, landscaping and buffering features such as buffer areas, vegetation belts, fences,		
. т.	walls, trash receptacle screening, and other screening features with cross sections shown		
25.	A Landscape plan and table identifying the species, size of landscape materials, and number proposed, compared to what is required by the Ordinance. All vegetation to be retained on site must also be indicated, as well as, its typical size by		
26	general location or range of sizes as appropriate Statements regarding the project impacts on existing infrastructure (including traffic capacity, schools, and existing utilities,		
	and on the natural environment on and adjacent to the site)		
∠1.	Changes or modifications required for any applicable regulatory agencies' approvals		

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ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

Schedule C

Commitment No.: TC13-101789

The land is described as follows:

Land situated in the Township of Garfield, County of Grand Traverse, State of Michigan, described as follows:

Part of the Northwest 1/4 of Section 21, Town 27 North, Range 11 West, more particularly described as:

THE NORTH 100 FEET of the following described premises:

Commencing at the center of said Section 21; thence West along the East-West 1/4 line 51.27 feet to the West right of way line of Highway US 31; thence along said line, being parallel to and 75 feet distant from the centerline of said Highway, North 01 degree 19 minutes West 33.01 feet to the North right of way line of County Road and Point of Beginning; thence continuing along West right of way line of US 31, North 01 degree 19 minutes West 461.00 feet; thence West 200.00 feet; thence South 01 degree 19 minutes East 461.00 feet to the aforesaid North right of way line of County Road; thence along said line, East 200.00 feet to the point of beginning, except a parcel in the Southeast corner thereof measuring 105 East and West by 161 feet North and South, Section 21, Town 27 North, Range 11 West.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I—Requirements; Schedule B, Part II—Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.

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DATE: June 8, 2022

TO: John Sych, Planning Director

Charter Township of Garfield Planning Commission

FROM: John Schebaum, BFA, Inc. – Civil Engineer for NLD Acquisitions LLC

SUBJECT: 2537 US Hwy 31 Development Traverse City, MI (Charter Township of Garfield)

Proposed 7Brew Coffee Shop

Mr. Sych and Members of the Planning Commission,

Thank you for your time and consideration of our proposed development. On behalf of NLD Acquisitions LLC, we would like to introduce a proposed redevelopment of the former PNC Bank property located at 2537 North US Hwy 31 in Traverse City, Michigan. This project was originally in front of the Planning Commission on March 9th, 2022 for a Conceptual Review. We appreciate the initial comments and concerns that were presented at this meeting, and believe the documents provided with our Special Use Permit Application adequately address them.

The proposed use of a drive-through coffee shop is consistent with the purpose and intent of the master plan, and this ordinance. The property is zoned C-G General Commercial, which permits a drive-through business by a Special Use Permit.

Approval Criteria

- The proposed use will be consistent with the purpose and intent of the master plan and this ordinance, including all regulations of the applicable zoning district;
 - The Master Plan Future Land Use Designation is Commercial, which applies to the proposed use. The proposed use is consistent with the regulations of the applicable zoning district.
- The proposed use will be designed, constructed, operated and maintained so as to be compatible, harmonious and appropriate with the existing or planned character and uses of the neighborhood, adjacent properties and the natural environment;
 - The proposed commercial use is compatible to the surrounding commercial uses.
- The proposed use will not be detrimental, hazardous or disturbing to existing or future adjacent uses or to the public welfare by reason of excessive traffic, noise, dust, gas, smoke, vibration, odor, glare, visual clutter, electrical or electromagnetic interference;
 - The proposed use will not have any negative impacts on the surrounding uses.
- Potential adverse effects arising from the proposed use on the neighborhood and adjacent properties will be minimized through the provision of adequate parking, the placement of buildings, structures and entrances, as well as the provision and location of screening, fencing, landscaping, buffers or setbacks;
 - The surrounding neighborhood and properties will benefit from the new commercial use that will provide a unique service to the surrounding area.
 Adequate parking and site design have been completed and designed to compliment the proposed use.



- The proposed use will retain as many natural features of the property as practicable, particularly where the natural features assist in preserving the general character of the neighborhood;
 - The site was designed in a manner to preserve many existing trees and site features to enhance the redeveloped property.
- Adequate public and private infrastructure and services such as streets, water and sewage facilities, drainage structures, police and fire protection, and schools, already exist or will be provided without excessive additional requirements at public cost:
 - Adequate infrastructure exists, and no additional requirements at public cost are anticipated.
- The establishment, maintenance, or operation of the proposed use shall not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare;
 - The proposed use will not have any negative impacts to public health.
- The public interest and welfare supporting the proposed use shall be sufficient to outweigh individual interests that are adversely affected by the establishment of the proposed use;
 - The proposed use will not have any negative impacts to the public interest or welfare.
- Adequate measures shall be taken to provide ingress and egress so designed as to minimize traffic hazards and to minimize traffic congestion on the public roads;
 - As detailed in the Traffic Impact Study, the proposed development will not result in traffic hazards or traffic congestion on the public roads.
- Adequate measures shall be taken to provide vehicular and pedestrian traffic within the site, and in relation to streets and sidewalks servicing the site in a safe and convenient manner;
 - Vehicular and pedestrian traffic are adequately handled within the site using pavement striping and curbs. Vehicular access to the public road is provided by an existing Michigan DOT approved access.
- The proposed use shall not impede the orderly development and improvement of surrounding property for uses permitted within the zoning district.
 - The proposed use will not impede the development and improvement of surrounding properties.



Impact Assessment

- A written illustrative description of the environmental characteristics of the site prior to development, i.e., topography, soils, vegetative cover, drainage, streams, creeks or ponds.
 - The existing site is a vacant bank with drive-through, parking, and associated site features. An existing retaining wall is located at the western side of the property, with drainage facilities located throughout the site, draining towards the east/US 31.
- Types of uses and other man-made facilities.
 - The proposed use will include a new drive-through coffee shop building with canopy, parking, and associated site features.
- The number of people to be housed, employed, visitors or patrons and vehicular and pedestrian traffic.
 - The proposed coffee shop will have 5 employees on the max shift. The anticipated vehicular traffic is detailed in the Traffic Impact Study provided. Pedestrian traffic is not anticipated due to the specific type of use proposed.
- Phasing of the project including ultimate development proposals.
 - The project is anticipated to be completed in one demolition/construction phase.
- Natural features which will be retained, removed and/or modified including vegetation, drainage, hillsides, streams, wetlands, woodlands, wildlife and water. The description of the areas to be changed shall include their effect on the site and adjacent properties. An aerial photo may be used to delineate the areas of change.
 - As shown on the Civil Plans, the existing retaining wall and slopes on the west portion of the property are to remain. Existing landscaping/mature trees are also proposed to remain where possible.
- The method to be used to serve the development with water and sanitary sewer facilities.
 - The proposed development will be served with water and sanitary sewer similar to the existing bank building, connecting to the mains located along US 31.
- The method to be used to control drainage on the site and from the site. This shall include runoff control during periods of construction.
 - The proposed development will collect stormwater drainage similar to the existing bank site via inlets and storm piping. Erosion and Sediment Control devices will be installed by the contractor during construction to prevent stormwater pollution.
- If the public sewers are not available to the site, the Applicant shall submit a current approval from the Health Department or other responsible public agency indicating approval of plans for sewage treatment.
 - N/A
- The method to be used to control any increase in effluent discharge to the air or any
 increase in noise level emanating from the site. Consideration of any nuisance that
 would be created within the site or external to the site whether by reason of dust, noise,
 fumes vibration, smoke or lights.
 - No increase is anticipated.



- An indication of how the proposed use conforms with existing and potential development patterns and any adverse effects.
 - The proposed use conforms with the surrounding commercial uses and no adverse effects are anticipated.
- The proposed density in units per acre for residential developments.
 - N/A
- Name(s) and address(es) of person(s) responsible for preparation of statement.
 - NLD Acquisitions LLC Kevin Myers
 - BFA, Inc. John Schebaum
 (Contact information provided on application)
- 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 County Soil Erosion and Sedimentation office.
 - Detailed Erosion and Sediment Control Plans are provided in the Civil Plans submitted.
- Type, direction, and intensity of outside lighting.
 - Photometric Plans are provided detailing the proposed site lighting for the commercial use.
- General description of deed restrictions, if any.
 - None known.



Supplemental Use Regulations - Drive-Through Use

- 1. Service and dining may be in automobiles or outdoors, but all other activities shall be carried on within a building.
 - Requirement met.
- 2. A setback of at least sixty (60) feet from the right-of-way line of any existing or proposed street shall be maintained.
 - Requirement met.
- 3. Ingress and egress points shall be located at least fifty (50) feet from the nearest edge of the traveled portion of any intersecting streets.
 - Requirement met.
- 4. Pedestrian areas shall be clearly marked and maintained.
 - Requirement met.
- 5. Only one (1) ingress-egress drive shall be allowed per major thoroughfare.
 - Requirement met.
- 6. All parking requirements shall comply with Article 5 of this Ordinance.
 - Requirement met.
- 7. Notwithstanding the dimensional standards of this Ordinance, lots used for drive-in businesses and drive-in or drive-through restaurants shall have a minimum width of one hundred (100) feet.
 - Requirement met.
- 8. Queuing requirements, drive-in and drive-through businesses shall be designed to accommodate the maximum number of queuing vehicles that may be expected to seek service at any one time without queuing onto an adjacent thoroughfare, including service drives. The determination as to the required queuing spaces shall be established by the Planning Commission based upon the anticipated number of vehicles likely to queue while waiting for service. The Planning Commission may require more than twelve (12) queuing spaces based upon evidence presented to it, but in no event shall the required number of queuing spaces be reduced below twelve (12).
 - The proposed coffee shop has internal storage for 20 vehicles without impacts to site circulation nor queue spillback onto US 31.
- 9. Snack and nonalcoholic beverage bars shall have a minimum queuing space in advance of order boards to accommodate six (6) motor vehicles at any time.
 - N/A
- 10. These requirements shall not apply to drive-in or drive-through businesses including restaurants, where queuing is accommodated entirely within the confines of a development exclusive of that development's access or service drives.
 - N/A
- 11. Notwithstanding the provisions of this section, the queuing of vehicles onto the traveled portion of a public roadway providing access to the business establishment such that queuing interferes to an extent with the free flow of traffic on the traveled portion of that roadway shall subject the Special Use Permit holder to enforcement action, including fines, injunctive relief and/or revocation of the Special Use Permit.
 - N/A
- 12. The site shall have been found to be a suitable site for a drive-in or drive-through establishment, with regard to traffic safety, by a registered engineer with an educational specialization in traffic engineering.
 - The Traffic Impact Study provided by Fishbeck finds that the site is suitable for the proposed use.



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- 13. For the C-L Local Commercial and C-O Office Commercial districts, a Financial Institution, with Drive-Through shall have a maximum of two (2) drive-through lanes.
 - N/A
- 14. For the C-G General Commercial district, a Financial Institution, with Drive-Through which has two (2) or fewer drive-through lanes shall be permitted by special conditions. All other drive-in and drive-through uses in the C-G district shall require a Special Use Permit.
 - N/A

Please note the existing site, and proposed site, do not meet the 10-foot side yard landscape setback. Mr. Sych has advised that the minor encroachment into the landscape setback could potentially be approved by the Planning Commission in lieu of obtaining approval from Zoning Board of Appeals. In order to accommodate this request, the landscaping has been designed in a manner to maintain a majority of the existing, mature, trees on site.

We appreciate your review of our proposed development, and look forward to working with the Charter Township of Garfield.

Respectfully,

John B. Schebaum – BFA, Inc.

John B. Schebaum

Project Manager



Memo

TO: John Schebaum, PE – BFA, Inc

FROM: Kyle Reidsma, PE, PTOE

Jeffery Morden, PE, PTOE

DATE: June 8, 2022 **PROJECT NO.:** 220851

RE: 7Brew – Traffic Impact Study

Introduction

BFA, Inc is proposing a 7Brew Coffee Shop in Garfield Township, Grand Traverse County, Michigan. The project site is located on the west side of US-31 approximately 475 feet north of South Airport Road. The site was formerly occupied by an approximately 1,050 square-foot PNC Drive-in Bank with five drive-through lanes. PNC Bank will be torn down and a new building will be constructed. The project is expected to be built and in operation by 2023.

Garfield Township has jurisdiction over the review and approval of the proposed 7Brew Coffee Shop. The Township has required a traffic study to compare traffic generation potential of the proposed coffee shop versus the previously occupied PNC Bank. In addition, the Michigan Department of Transportation (MDOT) has jurisdiction over US-31 and the Grand Traverse County Road Commission (GTCRC) has jurisdiction over South Airport Road. All work was completed according to methodology published by the Institute of Transportation Engineers (ITE). Relevant data and calculations are attached to this memorandum. The project location and study intersections are indicated on Figure 1.



Figure 1: Project Location and Study Network

Baseline Traffic Conditions (without 7Brew Coffee Shop)

US-31 is principal arterial under MDOT jurisdiction. In the vicinity of the site, US-31 has five lanes (two in either direction and a center lane for left turns), and a speed limit of 45 miles per hour (mph). South Airport Road is a minor arterial under GTCRC jurisdiction. In the vicinity of the site, South Airport Road has five lanes to the east and two lanes to the west with a speed limit of prima facia, 55 mph. The intersection of US-31 and South Airport Road is signalized. All intersection approaches have dual left turn lanes with protected only phasing. The north, south, and westbound approaches of the intersection have exclusive right turn lanes with overlap phases. This signal runs on an adaptive control system, which is fully actuated and capable to respond to traffic demand variations. Push-button actuated pedestrian crossings are located east, west, and south legs of the intersection.

Existing intersection turning movement traffic volumes were collected by Fishbeck subconsultant Gewalt Hamilton Associates, Inc. (GHA) using MioVision Scout cameras. Data were collected during the weekday morning (7:00 to 9:00 a.m.) peak period on Tuesday, May 24, 2022. Traffic data were collected in 15-minute intervals and included heavy vehicle counts. The analysis was limited to the morning peak hour as that would typically be the busiest time for a coffee shop resulting in the most site trips.

Historical traffic data for South Airport Road, east of US-31 and US-31, south of Silver Lake Road/Fourteenth Street were obtained from the MDOT Transportation Data Management System (TDMS). Hourly segment data were obtained from 2021 and 2017, respectively, reflective of conditions before and after the COVID-19 pandemic of 2020. Review of the historical data in comparison with the May 2022 counts collected by GHA for this study indicate that current a.m. peak hour volumes are larger than the 2021 and 2017 traffic volumes from South Airport Road and US-31. Based on this review, there was no compelling evidence to apply a COVID adjustment factor to the collected turning movement counts (TMCs).

Additional historical data on US-31 dating back to 2009 were also obtained from the MDOT TDMS system and reviewed relative to seasonal variations in traffic demand. Counts taken between 2009 and 2014 were recorded during the summer (June/July) months, whereas data were recorded in October of 2017. Comparison of average daily traffic (ADT) volumes on US-31 between summer 2009-14 and fall 2017 indicate that volumes are approximately 13% higher during the summer months.

Baseline volumes reflect traffic conditions absent of the proposed 7Brew Coffee Shop. Fishbeck has completed several studies across Michigan during the post-pandemic era; in most cases traffic volumes have returned to prepandemic levels. Typical adjustment factors applied and accepted by MDOT have ranged between 0% to 5%. Based on this review of historical traffic counts, a seasonal adjustment factor of 15% was applied to the existing May 2022 volumes. This slightly conservative growth rate also accounts for any ambient background traffic growth that may occur to the expected opening year 2023.

Baseline Operations Analysis

Baseline intersection operations were calculated using Synchro traffic analysis software based on methodologies published in the Highway Capacity Manual (HCM), 6th Edition. Simulated traffic operations and vehicle queues were also observed using SimTraffic. Measures of effectiveness for this study include vehicle delay, Level of Service (LOS), and vehicle queue lengths. Modeling and simulation were completed in accordance with the MDOT *Electronic Traffic Control Device Guidelines*.

LOS is a letter grade that describes traffic operations based on the amount of delay experienced by vehicles at an intersection, along an intersection approach (e.g., eastbound (EB), WB), or in a specific lane group (e.g., EB right turn, EB thru-left). LOS is measured using letter grades ranging from A to F, with LOS A representing negligible delay and LOS F indicating failing conditions. LOS D is generally considered acceptable for most areas. Table 1

presents the HCM criteria for various LOS for unsignalized and signalized intersections. The color coding in the table is used in the capacity analysis summary tables later in this report.

Table 1 – LOS Criteria for Intersections

1.00	Average Stopped Vehicle Delay (seconds)						
LOS	Unsignalized	Signalized					
А	≤ 10	≤ 10					
В	> 10 and ≤ 15	> 10 and ≤ 20					
С	> 15 and ≤ 25	> 20 and ≤ 35					
D	> 25 and ≤ 35	> 35 and ≤ 55					
Е	> 35 and ≤ 50	> 55 and ≤ 80					
F	> 50	> 80					

The study network includes the following intersections:

- 1. US-31 and South Airport Road (signalized);
- 2. US-31 and Site Driveway (minor stop-controlled).

This development will be using the existing access on US-31 which is shared with the Mutual Gas Station to the north.

Synchro models for the study network were created based on the existing roadway configurations and traffic controls. Existing roadway geometrics and traffic controls were determined based on available plans and aerial imagery. MDOT provided a traffic signal timing permit for the intersection of US-31 and South Airport Road as well as supplemental information regarding operations of the adaptive signal control. The traffic signal was modeled to run a 160-second cycle during the a.m. peak hour, as specified with traffic signal splits within the weekday a.m. timing parameters provided.

Baseline 2023 vehicle delay and LOS at the study intersections, absent of the proposed 7Brew Coffee Shop, are shown in Table 2. These results indicate that the signalized intersection of US-31 and South Airport Road currently operates at an overall LOS D during the a.m. peak hour. The EB and WB approaches operate at LOS F and E, respectively. Several of the individual movements operate at an acceptable LOS D or better except EB left, EB thru/right, and NB left movements operate at LOS F and WB left and SB left operates at LOS E. The stop-controlled EB approach and NB left-turn movement at US-31 and the Site Driveway operate at a LOS C or better with existing gas station traffic. Observation of simulations indicate no adverse operations during the a.m. peak hour. Vehicle queues at the US-31/South Airport Road traffic signal are typically serviced each traffic signal cycle and this operation is determined to be acceptable despite the calculated LOS E/F.

Table 2 – Baseline 2023 LOS/Delay (without 7Brew Coffee Shop)

		LOS/Delay (s)					
Approach	Lane Group	a.m. Peak Hour					
US-31 & South Airport Road (signalized)							
	Left	F (80.3)					
FD Careth Aire and Daniel	Thru	F (86.8)					
EB South Airport Road	Thru/right	F (87.2)					
	Approach	F (86.0)					
	Left	E (77.0)					
NAME Courtly Airmount Dougl	Thru	D (46.9)					
WB South Airport Road	Right	D (39.0)					
	Approach	E (58.5)					
	Left	F (80.4)					
ND UC 24	Thru	D (38.3)					
NB US-31	Right	C (22.4)					
	Approach	D (38.8)					
	Left	E (79.9)					
CD LIC 24	Thru	C (27.0)					
SB US-31	Right	B (19.1)					
	Approach	D (41.3)					
Overall		D (53.3)					
US-31 & Site Driveway (mind	or stop-controlled)					
NB US-31	Left	A (8.9)					
SB US-31	Thru/Right	free movement					
ED City Daires	Left	C (19.3)					
EB Site Driveway	Right	B (10.4)					

Site Trip Generation

The volume of traffic that would be generated by the 7Brew Coffee Shop was forecast based on data published by ITE in *Trip Generation, 11th Edition*. Land use and density information was provided by the Applicant and was compared to land use codes described in the ITE dataset. The 7Brew Coffee Shop will have two (2) drive-through lanes. In addition to forecasting the number of vehicle trips expected for the proposed 7Brew Coffee Shop, a trip generation forecast was completed for the PNC Bank that formerly occupied the site.

As is the case for most commercial development, a portion of the traffic generated by the former site uses is considered to be "pass-by" in nature. Pass-by trips are trips already present on the adjacent roadway network, which are interrupted to visit the site. Pass-by trips are normally expressed as a percentage of the total trips generated by the development. ITE data indicates that 29% of the former PNC Bank and 90% of the proposed 7Brew Coffee Shop trips are pass-by in nature for the a.m. peak hour. For the weekday forecast trips, the analysis referenced the midday peak hour ITE pass-by rates which were 26% and 84%, for the PNC Bank and 7Brew Coffee Shop, respectively. In order to provide a direct comparison of new trips for the former and proposed uses, pass-by trips are accounted for by reducing the number of forecast trips added to the adjacent roadway network; however, actual driveway volumes are not reduced.

Trip generation forecasts for the former and proposed uses are shown in Table 3 and Table 4, respectively. A comparison of the trip generation potential for the former and proposed site occupancies is shown in Table 5. The comparison shows the proposed 7Brew Coffee Shop will generate significantly fewer trips on a typical weekday, both at the driveway and on the adjacent road network. During the a.m. peak hour, driveway trips will be slightly higher with a coffee use as compared to the former bank use; however, the number of new trips on the adjacent road network is actually reduced.

Table 3 - Weekday Trip Generation: Former PNC Bank

ITE				a.m. Peak Hour		Weekday	
Code	ITE Rate Description	Unit	Amount	In	Out	Total	(In + Out)
912	Drive-in Bank (PNC Bank)	Lanes	5	26	17	43	625
Pass-by Trips (912: 29% AM, 26% Weekday)					5	13	163
New Trips				18	12	30	462

Table 4 - Weekday Trip Generation: Proposed 7-Brew Coffee Shop

ITE				a.m. Peak Hour		Weekday	
Code	ITE Rate Description	Unit	Amount	ln	Out	Total	(In + Out)
938	Coffee/Donut Shop with Drive-Through Window and No Indoor Seating	Drive- Through Lanes	2	40	40	80	358
Pass-by Trips (912: 90% AM, 84% Weekday)				36	36	72	301
			New Trips	4	4	8	57

Table 5 - Trip Generation Comparison Summary

	Twin Trung	a.	m. Peak	Weekday	
Development Scenario	Trip Type	In	Out	Total	(In + Out)
Previous PNC Bank	Total Trips	26	17	43	625
	Pass-by	8	5	13	163
	New Trips	18	12	30	462
Proposed 7Brew Coffee Shop	Total Trips	40	40	80	358
	Pass-by	36	36	72	301
	New Trips	4	4	8	57
Driveway Trip Potential Difference			23	37	-267
New T	rip Potential Difference	-14	-8	-22	-405

Trip Distribution

The directions that site traffic will travel to and from the subject site were based upon existing traffic patterns during the a.m. peak hour. The existing traffic patterns reflect the gravity between origins and destinations in the study area, and therefore an accurate indication of where the proposed trips would be coming from and going to. Key rationale for this distribution model includes:

- 1. Trips will be distributed to the adjacent road network based on ITE methodology, which indicates new trips will return to their direction of origin.
- 2. Traffic patterns at the intersection of US-31 and South Airport Road indicate a pattern towards Traverse City with slightly heavier volumes on the traveling north and east in the morning.

This trip distribution model applied to the site-generated trips is summarized in Table 6.

Trip Assignment

The assignment of traffic to the roadway network is based on the development's trip generation in conjunction with the expected directional distribution on the adjacent roadways. The proposed site will have one access point, which will operate under stop-control on the minor approach:

1. US-31 and Site Driveway: shared access with Mutual Gas Station

The existing driveway location and configuration is proposed to remain the same.

Table 6 – Trip Distribution Model (a.m. Peal	k Hour)
--	---------

Direction	Via	Trip	Origin	Pass-by
Direction	Via	То	From	To/From
North	US-31	36%	17%	68%
South	US-31	20%	45%	32%
East	Airport Road	33%	17%	-
West	Airport Road	11%	21%	-
	Total	100%	100%	100%

Turn Lane Warrant Analysis

An evaluation was performed in accordance with MDOT guidelines to determine if a right-turn deceleration lane is required at the site access point with US-31. MDOT publishes turn lane warrant criteria in *Geometric Design Guidance* document prepared by the Traffic and Safety Department. There is an existing center lane for left turns that would facilitate ingress movements from US-31; therefore, left-turn lane criteria were not reviewed.

The minimum thresholds to warrant a taper or full-width right-turn lane at a site driveway on US-31 are 20 and 40 right-turns per hour, respectively. The maximum number of ingress right-turns from the north at the driveway on US-31 is expected to be 13 vehicles per hour. Therefore, no new auxiliary turn lane is warranted.

Build (2023) Traffic Analysis

The objective of this TIS is to determine what impacts, if any, the proposed 7Brew Coffee Shop will have on traffic operations along adjacent public roadways or what mitigation measures may be warranted. To quantify these impacts, the intersection traffic operations under the 2023 Baseline (no-build) conditions were compared to operations under the 2023 Opening Year Build conditions scenarios.

Where traffic operations under Build conditions remain acceptable (LOS D or better), the impact of the proposed 7Brew Coffee Shop on local traffic operations is assumed to be minimal. Where traffic operations under Build conditions are considerably worse than those of the Baseline (no-build) conditions, or if operations degrade from acceptable operations (LOS D or better) to unacceptable levels (LOS E or F), the proposed 7Brew Coffee Shop is considered to have an impact on network traffic operations. In this instance, mitigation is investigated which returns the overall intersection operations to LOS D or near the Baseline conditions (LOS or delay), as feasible for overall intersection operations or affected lane group movements.

Table 7 presents the intersection capacity analysis results for the Build conditions in the Opening Year (2023) for the weekday a.m. peak hour. The Baseline 2023 conditions are also shown for reference. These results indicate no discernable impact to operations at the signalized intersection of US-31 and South Airport Road as a result of the proposed redevelopment. The adaptive traffic signal accommodates the small increase in traffic volume due to the proposed 7Brew Coffee Shop with minimal increase in vehicle delay. The stop-controlled approaches and left-turns at the driveway intersection continue to operate at a LOS C or better.

Table 7 – Build 2023 LOS/Delay (with 7Brew Coffee Shop)

		Baseline 2023	Build 2023
Approach	Lane Group	a.m. Peak Hour	a.m. Peak Hour
US-31 & South Airport Ro			
	Left	F (80.3)	F (80.4)
FD Cavitle Airmant Dand	Thru	F (86.8)	F (86.8)
EB South Airport Road	Thru/Right	F (87.2)	F (87.2)
	Approach	F (86.0)	F (86.0)
	Left	E (77.0)	E (77.8)
IM/D Courtle Airmout Donal	Thru	D (46.9)	D (47.0)
WB South Airport Road	Right	D (39.0)	D (39.1)
	Approach	E (58.5)	E (58.9)
	Left	F (80.4)	F (80.4)
ND LIC 21	Thru	D (38.3)	D (38.3)
NB US-31	Right	C (22.4)	C (22.4)
	Approach	D (38.8)	D (38.8)
	Left	E (79.9)	E (79.9)
CD LIC 21	Thru	C (27.0)	C (26.9)
SB US-31	Right	B (19.1)	B (19.0)
	Approach	D (41.3)	D (41.3)
Overall		D (53.3)	D (53.3)
US-31 & Site Driveway (m	inor stop-contro	olled)	
NB US-31	Left	A (8.9)	B (9.0)
SB US-31	Thru/Right	free mo	vement
ED Sita Drivers	Left	C (19.3)	C (23.4)
EB Site Driveway	Right	B (10.4)	B (10.6)

Observation of network simulations indicates no adverse queuing on the adjacent road network or on the stop-controlled driveway approach. Based on a review of simulations and SimTraffic queue calculations, SB US-31 queues did not back-up to nor block the Site Driveway for any portion of the a.m. peak hour. NB US-31 95th percentile left-turn queue length into the site is calculated to be 44 feet. SB US-31 95th percentile queue length at South Airport Road is calculated to be 224 feet for the thru lanes and 175 feet for the left turn lanes. There is approximately 400 feet between the SB stop bar on US-31 at South Airport Road, and the site driveway location. Therefore, conflicting left-turn queues are provided sufficient storage and will not interlock.

Drive-Through Storage

7Brew provided observed field data from one of their other locations in Missouri from February 2022. In that review of site operations, 61 vehicles/hour were observed in the morning peak hour. The average queue during the peak period was five vehicles with a maximum observed queue of 14 vehicles. The proposed 7Brew coffee shop has internal storage for 20 vehicles without impacts to site circulation nor queue spillback onto US-31. These observations are conservative as compared to the ITE trip generation forecast. Based on the observed queueing data and the proposed site plan, there will be sufficient drive-through storage on-site.

Conclusions and Recommendations

Garfield Township and MDOT have required a traffic study to compare the traffic generation potential of the proposed 7Brew Coffee Shop versus the previously occupied PNC Bank. The objective of this TIS is to determine what impacts, if any, the proposed coffee shop will have on traffic operations along adjacent public roadways or what mitigation measures may be warranted. The following conclusions are based on the data, analyses, and results as outlined herein.

- 1. Review of historical data in comparison with May 2022 traffic counts indicate that current volumes are larger than the 2021 and 2017 traffic volumes from South Airport Road and US-31, respectively. Based on this review, there was no compelling evidence to apply a COVID adjustment factor to the collected TMCs.
- 2. Baseline traffic volumes for this study were conservatively adjusted upward by 15% to adjust for seasonal variations to peak summer months and any ambient traffic growth to the expected 2023 buildout year, based on review of historical data.
- 3. The proposed 7Brew Coffee Shop will generate significantly fewer trips on a typical weekday, both at the driveway and on the adjacent road network as compared to the former bank. During the a.m. peak hour, driveway trips will be slightly higher with a coffee use as compared to the former bank use; however, the number of new trips on the adjacent road network is actually reduced.
- 4. The signalized intersection of US-31 and South Airport Road will continue to operate acceptably with this proposed 7Brew Coffee Shop. Minor changes in traffic demands will be accommodated by the adaptive signal operation and no timing adjustments are necessary.
- 5. All movements at the stop-controlled driveway approach at US-31 will operate at a LOS C or better.
- 6. No additional turn lanes are warranted at the site driveway.
- 7. The existing access point will be maintained in the current configuration.
- 8. Based on observed peak hour data provided from 7Brew from another one of their locations, the proposed site stacking space (20 vehicles) will be adequate to accommodate peak hour drive-through queuing.

Based on the results of this traffic study, no roadway nor traffic control improvements are necessary to accommodate the proposed redevelopment project.

Attachments: Traffic Volume Data

ITE Trip Generation Calculations Turn Lane Warrant Criteria Synchro HCM Calculations SimTraffic Queue Calculations

By email

Copy: Timothy J. Likens, PE PTOE – Fishbeck



memorandum

Date: July 28, 2022

To: John Sych, AICP

From: Taryn Juidici, PE &

Stephen Dearing, PE, PTOE

Re: Proposed 7Brew Coffee Shop Traffic Impact Study Review

We have reviewed the traffic impact study for the proposed 7Brew coffee shop for Garfield Township. The site was formerly occupied by a PNC drive-in bank. The existing shared driveway will be used for the proposed development. The traffic impact study was prepared by Fishbeck and is dated June 8th, 2022.

OHM <u>does not recommend approval</u> of the traffic impact study and its recommendations, due to concerns with the report.

OHM's comments are as follows:

1. TIS Report:

- a. Please provide the Synchro modeling files for review. We have significant concerns about the adequacy of gaps to allow left turns in and out of the site and want to review the SimTraffic simulations to see if enough information is available, or if it will be required that a field gap study be performed. Please note that if the signal to the north (Lowes / Marketplace Dr) is not part of the model, gap information from the simulation may not be considered adequate.
- b. A stamp by a current Michigan Professional Engineer with expertise in Traffic Engineering is missing.
- c. Only the AM peak hour was evaluated within this study. While coffee shops will likely be busiest in the morning, this does not limit the potential traffic impacts to only the morning peak hour. We assume the proposed developments hours of operation will extend beyond the AM peak hour. Analysis of the PM Peak hour should be included.
- d. In Table 7, an additional column stating the change in delay could be beneficial when comparing baseline versus build conditions.
- e. As stated in Article 6 of the zoning ordinance, "...the impact of development shall be analyzed for the year after the development is completed and 10 years after the development is completed". In this memo only 2023 baseline and 2023 build conditions were analyzed. Based on the above statement years 2024 and 2034 should also be included in this study.



- f. In the Appendix for the driveway conditions, there are southbound right turning volumes; however, no right turn designation. Under the southbound through category, the lane configuration should be thru, thru & right.
- g. NB US-31 has a double yellow centerline marking up to this site, which precludes use of center lane for 2-way left turns. This is a function of the left turn lane widening to provide the dual SB left lanes at the South Airport intersection. For the purposes of this analysis, delete dedicated NBL lane in the Synchro analysis and show NBT as a shared thru/left. Make this modification for all periods analyzed.

2. Site Plan:

- a. In the outside lane of the drive-thru there is a dimension labeled as 5', which does not seem accurate. Looks like it should be 15'.
- b. It does not appear that the site plan identifies where the order board(s) are being positioned for the two drive thru lanes. This needs to be shown.
- c. There is a circulation concern for garbage trucks. If there are vehicles in the drive-thru the garbage truck will have to wait for the queue to clear to be able to exit the site.
- d. We note that the shared-use driveway north of the Mutual Gas Station, used for that property and also Best Buy, is signed and marked for inbound only traffic. So most all gas station traffic, including the tanker trucks, must exit by way of the shared-use driveway with this site. This site plan should explore ways to harmonize the inbound and exiting traffic of both properties in the short distance of the driveway approach to US-31.





Memo

TO: John Schebaum, PE – BFA, Inc

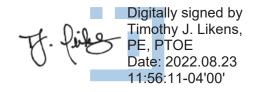
FROM: Timothy J. Likens, PE, PTOE

DATE: August 23, 2022

RE: 7Brew – Traffic Impact Study

Response to OHM Review





PROJECT NO.: 220851

Introduction

BFA, Inc is proposing a 7Brew Coffee Shop in Garfield Township, Grand Traverse County, Michigan. The project site is located on the west side of US-31 approximately 475 feet north of South Airport Road. The site was formerly occupied by an approximately 1,050 square-foot PNC Drive-in Bank with five drive-through lanes. PNC Bank will be torn down and a new building will be constructed. Fishbeck completed a Traffic Impact Study (TIS) for the proposed project as outlined in a June 8, 2022 memorandum.

Garfield Township has jurisdiction over special land use review and approval of the proposed 7Brew Coffee Shop. Garfield Township's traffic engineering consultant, OHM Advisors, reviewed the TIS and presented findings to the Township in a memorandum dated July 28, 2022. Subsequently, Fishbeck and the applicant met virtually with OHM and Township Planning Department representatives on August 4, 2022. The purpose of this meeting was to discuss the concerns outlined in the OHM review and establish consensus on technical steps and assumptions required to address those concerns. These steps were completed by Fishbeck per direction from OHM:

- 1. Obtain weekday a.m. and p.m. peak period turning movement counts and signal timing data at the intersection of US-31 and Marketplace/Lowes Drive from MDOT. Additionally, obtain weekday p.m. peak period turning movement counts at the intersection of US-31 and S Airport Road from MDOT. These data were obtained from a weekday in July; therefore, no seasonal adjustment was applied.
- 2. Collect weekday p.m. turning movement counts at the intersection of US-31 and the site driveway. Video was also obtained to observe current driveway operations and relative gaps on US-31.
- 3. Add the Marketplace/Lowes Drive intersection to the Synchro traffic analysis models. The project is expected to add negligible traffic volume to this intersection; whereby, operational results are not reported but this modeling was required by OHM to reflect traffic flows from the upstream traffic signal.
- 4. Calculate operational results for the weekday a.m. and p.m. peak hours for the 2034 horizon year. The results outlined herein reflect horizon year 2034 traffic volumes with a 0.5% annual growth rate applied. This represents a slightly conservative scenario as compared to opening year 2023 conditions.

The following points are in response to the items outlined in the OHM review memorandum. All work was completed according to methodology published by the Institute of Transportation Engineers (ITE). Site-generated trips for the p.m. peak hour were calculated based on ITE *Trip Generation* data as shown in Table 1 and assigned to the study network based on existing traffic patterns.

ITE	ITE Rate			a.r	n. Peak I	Hour	p.m	n. Peak I	Hour	Weekday
Code	Description	Unit	Amount	In	Out	Total	In	Out	Total	(In + Out)
938	Coffee/Donut Shop with Drive-Through Window and No Indoor Seating	Drive- Through Lanes	2	40	40	80	15	15	30	358
Pass-by Trips (90% AM, 98% PM, 84% Weekday)			36	36	72	14	14	28	301	
			New Trips	4	4	8	1	1	2	57

Table 1 - Weekday Trip Generation: Proposed 7-Brew Coffee Shop

1. TIS Report:

a. All Synchro traffic analysis files will be submitted to the Township and OHM with this memorandum. Fishbeck also provided data via email to OHM outlining historical traffic volume trends on US-31 to determine the 0.5% annual growth rate to horizon year 2034. Furthermore, new data obtained from MDOT from July 2022 indicate that the 15% seasonal adjustment applied for the a.m. peak hour in the original study is high as compared to actual seasonal fluctuation; therefore, the 2034 forecast represents an overly conservative analysis of future traffic conditions.

Highway Capacity Manual (HCM) calculations indicate that the site driveway egress approach would operate at a LOS D or better during both a.m. and p.m. peak hours, as shown in Table 2. During the critical a.m. peak hour, the project would add less than six seconds of delay per vehicle for vehicles turning left exiting the site, and less than one second per vehicle for vehicles turning left into the site. Increases in delay at the site driveway would be negligible during the p.m. peak hour.

There is approximately 400 feet of storage between the SB stop bar on US-31 at S Airport Road and the site driveway location. Average and 95th percentile simulated queue lengths are shown in Table 3. These results show that during the busiest a.m. period for the coffee shop, the site driveway is not blocked and there is adequate storage for conflicting left turn movements.

During the p.m. peak hour, SB queues do periodically block the site driveway; however, the proposed coffee shop would add negligible traffic volumes to this existing condition during the p.m. peak hour. During our p.m. field observations, vehicles were observed to safely complete left-turn maneuvers when traffic clears, and this operation is expected to remain consistent with current conditions.

Historical crash data from 2014 to 2021 published on the Michigan Traffic Crash Facts website (which references the Michigan State Police database) were reviewed and indicate no pattern of crashes at the site driveway. This date range was utilized to capture a period when the PNC bank was also in operation. Crashes of angle and head-on left-turn type were of particular interest, which would relate to driveway turning maneuvers. Six angle crashes appear to have occurred at this location over the eight-year period. Investigation of UD-10 reports indicate that three actually occurred at the subject driveway, while three others were related to other access points. One crash resulted in B-level injury while the other two resulted in property damage only (PDO).

b. This memorandum is stamped by a licensed Professional Engineer in the State of Michigan, also certified by the national Transportation Professional Certification Board as a Professional Traffic Operations Engineer (PTOE).

c. Analysis of the p.m. peak hour has been included as described above. The results of this analysis indicate low trip generation for the proposed use and negligible resultant operational changes as compared to existing weekday afternoon conditions. Tables 2 and 3 show the operational results for both a.m. and p.m. peak hours.

Table 2 – 2034 LOS/Delay Comparison

Annrasak	Lane	a.m. Peak Hour			p.m. Peak Hour			
Approach	Group	No-Build	Build	Delta	No-Build	Build	Delta	
US-31 & South Airport Road (signalized)								
	Left	F (80.3)	F (80.3)	-	F (87.1)	F (87.1)		
EB South	Thru	F (90.5)	F (90.5)	-	F (94.9)	F (94.9)		
Airport Road	Thru/right	F (90.9)	F (90.9)	-	F (97.5)	F (97.5)		
	Approach	F (89.1)	F (89.1)	-	F (93.9)	F (93.9)		
	Left	E (78.6)	E (78.6)	-	F (216.1)	F (216.1)		
WB South	Thru	D (45.9)	D (45.9)	-	D (51.6)	D (51.6)		
Airport Road	Right	D (38.0)	D (38.0)	-	C (30.9)	C (30.9)		
	Approach	E (58.4)	E (58.4)	-	F (139.6)	F (139.6)	No change.	
NB US-31	Left	F (80.2)	F (80.2)	-	F (89.5)	F (89.5)	No new trips thru this	
	Thru	D (42.4)	D (42.6)	+0.2	D (45.8)	D (45.8)	intersection.	
	Right	C (24.2)	C (24.3)	+0.1	C (20.9)	C (20.9)		
	Approach	D (42.0)	D (42.1)	+0.1	D (43.4)	D (43.4)		
	Left	E (79.8)	E (79.7)	-0.1	F (92.5)	F (92.5)		
CD 11C 24	Thru	C (28.7)	C (28d.7)	-	D (43.7)	D (43.7)		
SB US-31	Right	B (20.1)	C (20.1)	-	C (24.4)	C (24.4)		
	Approach	D (42.3)	D (42.4)	+0.1	D (54.8)	D (54.8)		
Ove	rall	E (55.5)	E (55.6)	+0.1	F (89.4)	F (89.4)		
US-31 & Site Driveway (minor stop- controlled)								
NB US-31	Left	A (9.0)	A (9.2)	+0.2	B (13.3)	B (13.5)	+0.2	
SB US-31	Thru/Right			free r	movement			
EB Site	Left	C (20.4)	D (26.1)	+5.7	D (32.0)	D (34.4)	+2.4	
Driveway	Right	B (10.5)	B (10.7)	+0.2	C (17.1)	C (17.4)	+0.3	

Table 3 - 2034 Queue Lengths

	Queue	a.m. Pea	ak Hour	p.m. Pe	ak Hour					
Approach	(feet)	No-Build	Build	No-Build	Build					
US-31 & Sout	US-31 & South Airport Road (signalized)									
SB US-31	Average	112′	117′	374′	377′					
thrus	95th %	180′	198′	468′	471′					
SB US-31	Average	83′	86′	201′	233′					
lefts	95th %	142′	149′	364′	420'					
US-31 & Site	Driveway (mi	nor stop-conti	olled)							
NB US-31	Average	4′	14′	6'	9'					
lefts	95th %	22'	43′	27′	34'					
EB Site	Average	10′	28′	45′	45'					
Driveway	95th %	33'	67′	106′	102'					
Combined Qu	Combined Queue Length (opposing left turn movements)									
400 feet of	Average	87′	100′	207′	242'					
storage	95th %	164′	192'	391′	454'					

- d. A column showing the delta between baseline/no-build and build conditions has been added to Table 2. As this use generates primarily pass-by trips that are already on US-31, changes at the adjacent traffic signal are negligible.
- e. Study analyses have been updated to reflect a 10-year horizon of 2034. OHM indicated during the review meeting that the 2024 scenario is not necessary given negligible expected change from 2023. Results of the 2034 analysis are shown in Table 2 and 3.
- f. The HCM results indicated in the original study and this memo are not impacted by this lane use coding; however, this has been updated in the 2034 Synchro models.
- g. A field review of the double-yellow pavement markings was completed. The double-yellow marking terminates 50 feet south of the site driveway, providing area for two ingress left-turn vehicles to enter and stack in the center lane. During field observations, all vehicles making this ingress left-turn movement did so from the center lane for left-turns. This configuration was designed and installed to permit such movement; therefore, the coding requested by OHM is not accurate to actual conditions.

2. Site Plan:

- a. The dimension of the outside lane is 15 feet. The text has been updated to be clearer.
- b. There are no order boards proposed for this site. Orders will be taken by employees or via mobile ordering apps.
- c. The 7Brew operations team and manager will coordinate with the garbage services to coordinate pickups that will not impact peak service times. The outside drive-through lane can be closed to vehicle traffic during off-peak times to coordinate waste service.

- d. The proposed site plan includes features to channelize and control on-site circulating traffic and minimize conflicts with gas station traffic. The existing access configuration with the on-site features shown on the site plan are expected to provide acceptable traffic operations to facilitate traffic demands for both uses for the following reasons:
- The results of the TIS and this update do not indicate any operational deficiencies or crash patterns that require mitigation according to accepted traffic engineering practice.
- The proposed coffee shop peaks during the a.m. peak hour, which is a favorable land use for this site given that traffic volumes on US-31 and exiting the gas station are heavier during the p.m. peak hour. The study analysis indicates that the proposed land use does not create a situation that would otherwise require reconfiguration of access for multiple parcels, nor prohibition of currently permitted turning movements.
- Access to the north of the gas station (Best Buy driveway) opposes an unsignalized ingress/egress
 driveway for the Grand Traverse Mall. Permitting egress movements from this driveway would introduce
 greater conflict points at a location with higher opposing traffic volumes than at the shared use driveway.
- Tanker trucks were not observed at the gas station during peak hours and are not expected to have significant interactions with driveway queues.
- MDOT has provided written approval of the proposed use with no changes to the current access configuration.

Attachments: Traffic Volume Data

ITE Trip Generation Calculations Synchro HCM Calculations SimTraffic Queue Calculations

Historical Crash Data MDOT Approval Email Original TIS Memorandum

Submitted: Synchro Models

Site Photos Site Video

By email

Copy: Kyle Reidsma, PE, PTOE – Fishbeck



memorandum

Date: September 6, 2022

To: John Sych, AICP

From: Steven Loveland, PE, PTOE Stephen Dearing, PE, PTOE

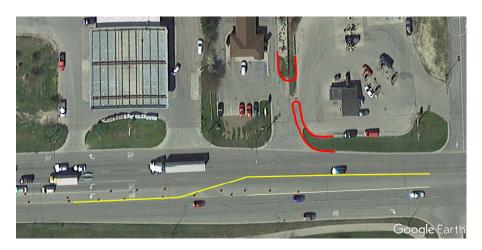
Re: OHM Comments Re: 7Brew - Traffic Impact Study Response to OHM Review

We have reviewed the memo and updated data for the proposed 7Brew Traffic Impact Study. Fishbeck has provided response and information for all the requests put forward from OHM's first review of the TIS. We find the methodology and approach to be acceptable. The following provides some key information provided and offers comments for consideration.

Data Collection – Fishbeck collected the requested traffic count data for the locations of US-31 and Marketplace/Lowes Drive (AM and PM peaks), US-31 and S Airport Road (PM peak), and US-31 at the site drive (PM peak).

Modeling and Analysis – The updated Synchro models added the Marketplace/Lowes Drive intersection, now provide PM peak analysis to go along with AM and include 2034 horizon year analysis. The modeling results indicate that the proposed development will have negligible impact to the operations of adjacent intersections.

US-31 at Airport Road Queues – The analysis indicates that the PM peak southbound queues (both existing and future) extend to and beyond the 7Brew site drive. This may become an issue when vehicles are attempting to access the site traveling NB on US-31. While the study indicates there is room for two vehicles to stack to turn left into the site, there may be no room due to queues extending through this area. In addition, for vehicles to get into this storage area there is no taper, so vehicles would need to cross the double yellow to get in. Providing a taper and stacking for left turns in would be safer for 7Brew traffic but would then have SB US-31 left-turn traffic spilling into the through lanes. This leaves this situation as an area of concern and may warrant further discussion with MDOT.



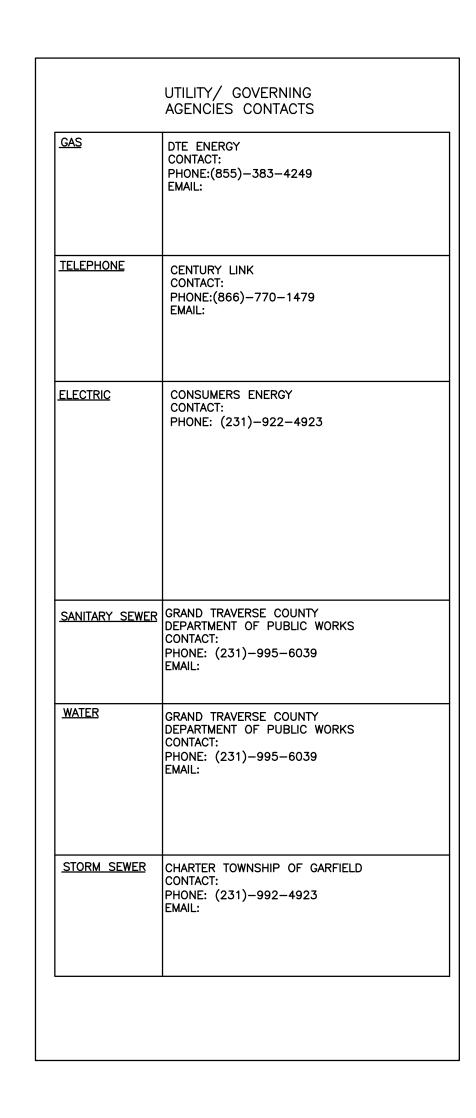


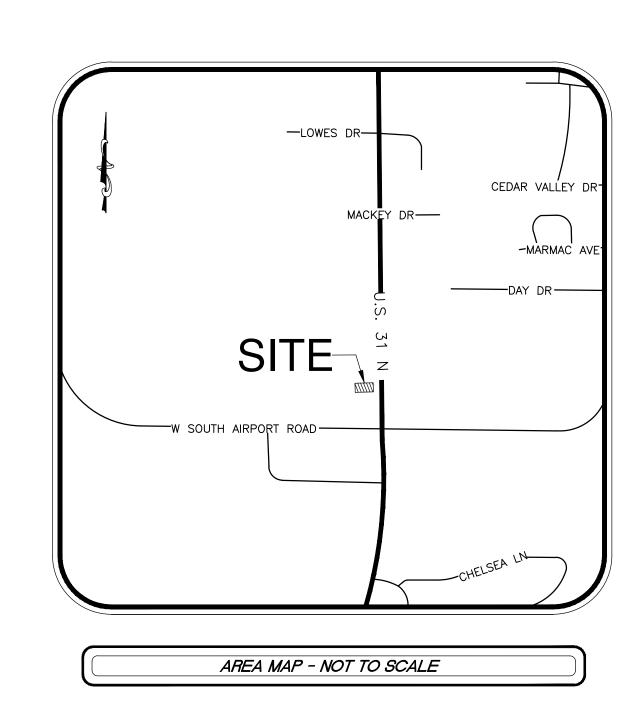
Site Plan – The site plan has been improved to help traffic navigate leaving and entering 7Brew while considering traffic to/from the gas station. The proposed changes include providing a setback stop for vehicles leaving 7Brew, which would provide right of way to traffic leaving the gas station. While this does improve on the previous site plan, there could be further improvement if the gas station and 7Brew worked together to revise the access for both sites. The figure above provides an additional concept to further channelize traffic to reduce conflicts. In this configuration, traffic leaving both 7Brew and the gas station could be under stop control. This concept gives priority to traffic entering both sites, which in turn prevents vehicles from backing up out onto US-31.

Crash Data – Crashes have been reviewed and found 3 angle crashes have occurred over an 8-year period at the site drive. This number is not outside the norm.

PROPOSED 7BREW COFFEE SHOP

2537 NORTH U.S. 31 SOUTH
TRAVERSE CITY, GRAND TRAVERSE COUNTY, MICHIGAN 49684
GARFIELD TOWNSHIP





SHEET INDEX	
SHEET TITLE	SHEET NUMBER
COVER SHEET	CS-1
*ALTA	ALTA
TOPOGRAPHIC SURVEY	TS-1
DEMOLITION PLAN	DM-1
EROSION AND SEDIMENT CONTROL PHASE I	ESC-1
EROSION AND SEDIMENT CONTROL PHASE II	ESC-2
EROSION AND SEDIMENT CONTROL DETAIL SHEET I	ESC-3
EROSION AND SEDIMENT CONTROL DETAIL SHEET II	ESC-4
GRADING PLAN	GR-1
SITE PLAN	SP-1
UTILITY PLAN	UT-1
LANDSCAPE PLAN	LP-1
LANDSCAPE DETAILS	LP-2
PRE DEVELOPMENT DRAINAGE AREA MAP	DA-1
POST DEVELOPMENT DRAINAGE AREA MAP	DA-2
*PROVIDED UNDER SEPARATE SEAL	

Three working days prior to the start of any excavation on this site the Contractor shall contact 1—800—482—7171 for utility location information.

The contractor shall verify and implement all the required Federal Occupational Safety and Health Administration (OSHA) and/or OSHA approved state—plan regulations established for the type of construction required by these plans.

RAYMOND H.
FRANKENBERG II
ENGINEER
No.
42538
Raymond H. Frankenberg II, P.E. #42538
State of Michigan
Registered Professional Engineer
for BFA, Inc.

bfaeng.com

TELEPHONE: (636) 239-4751

Black Street

WASHINGTON, MISSOURI 63090

TRAVERSE CITY, MICHIGA NLD ACQUISITIONS LLC PO BOX 100843 Fort Worth, TX 76185

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DATE 10/17/22

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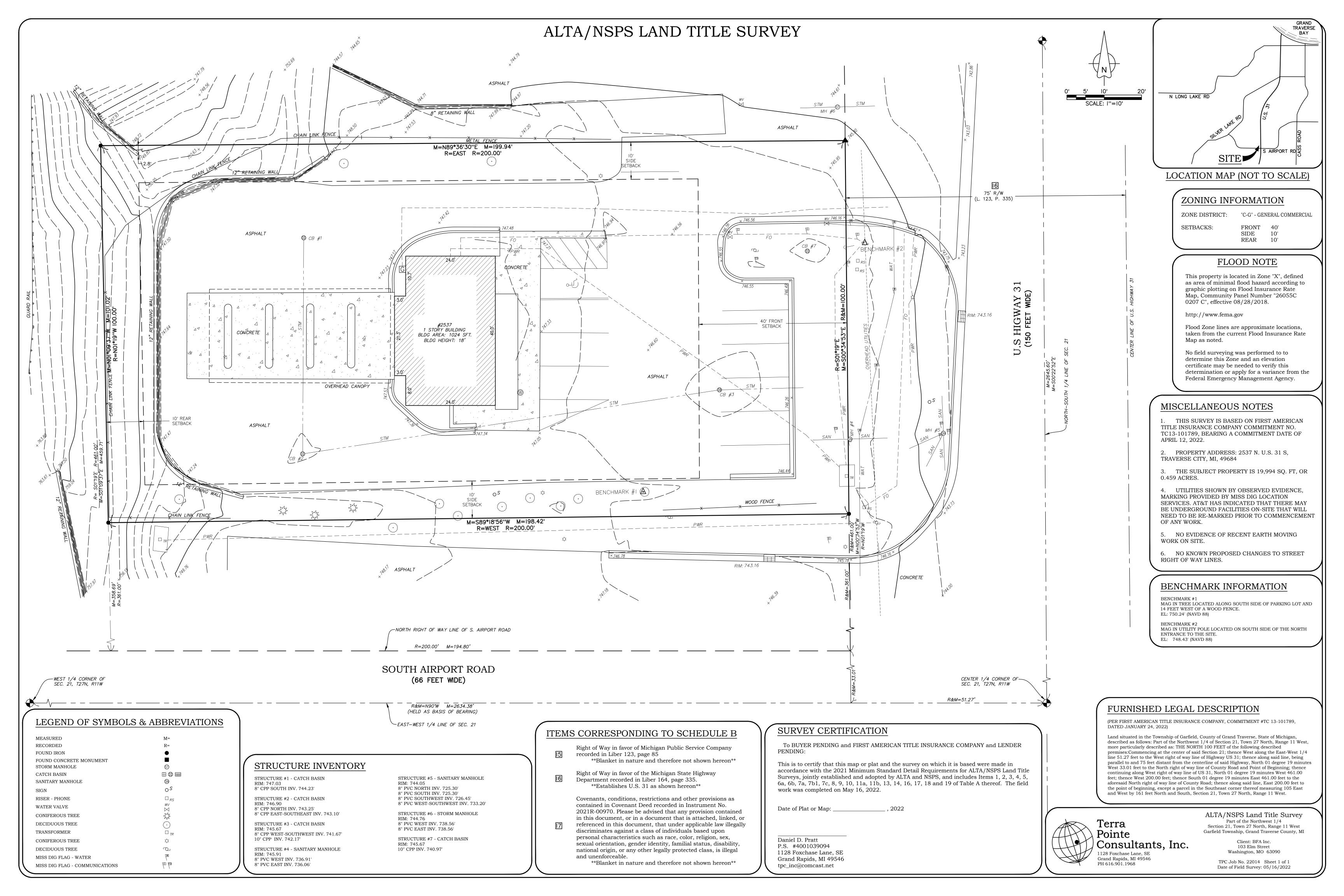
COVER SHEET

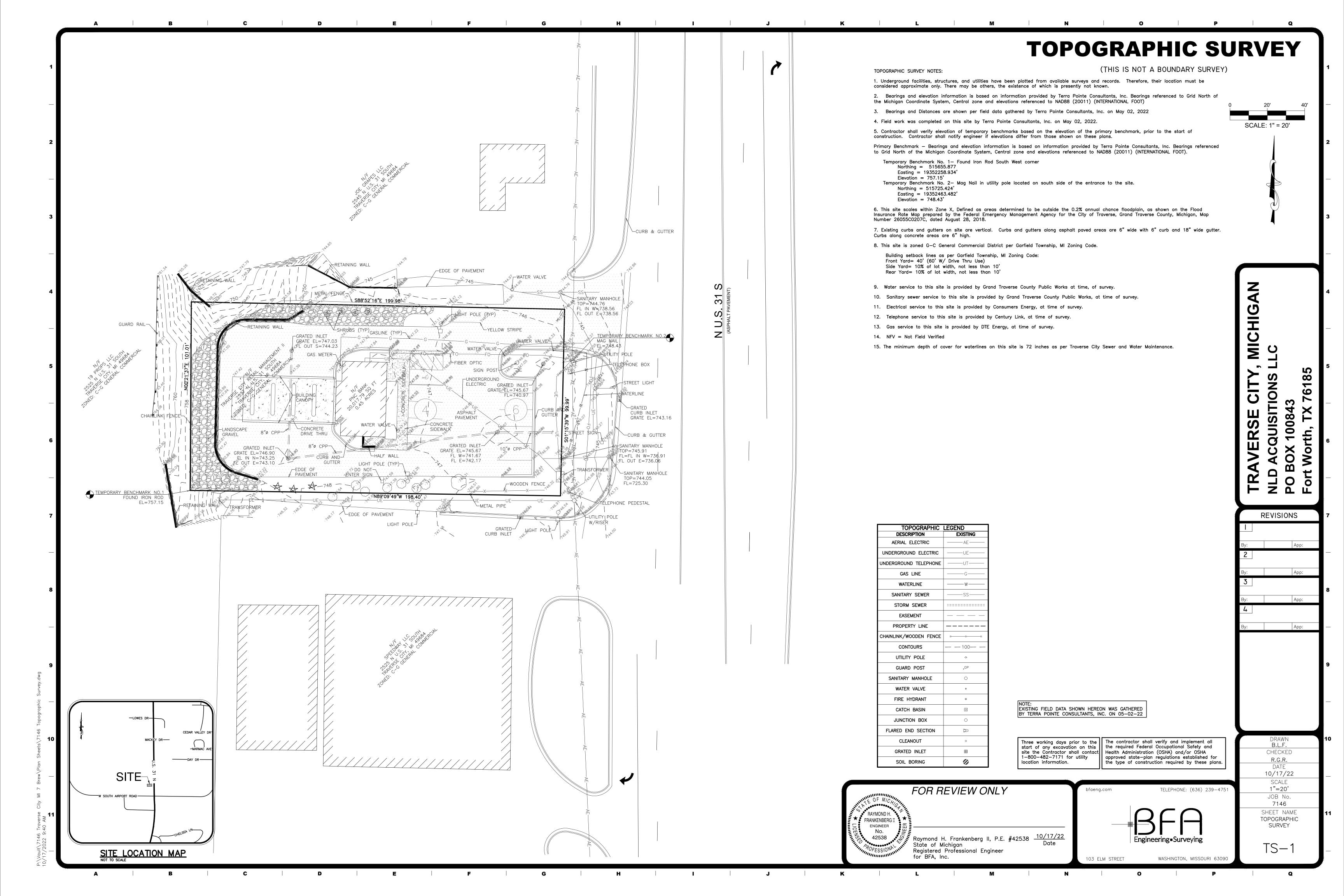
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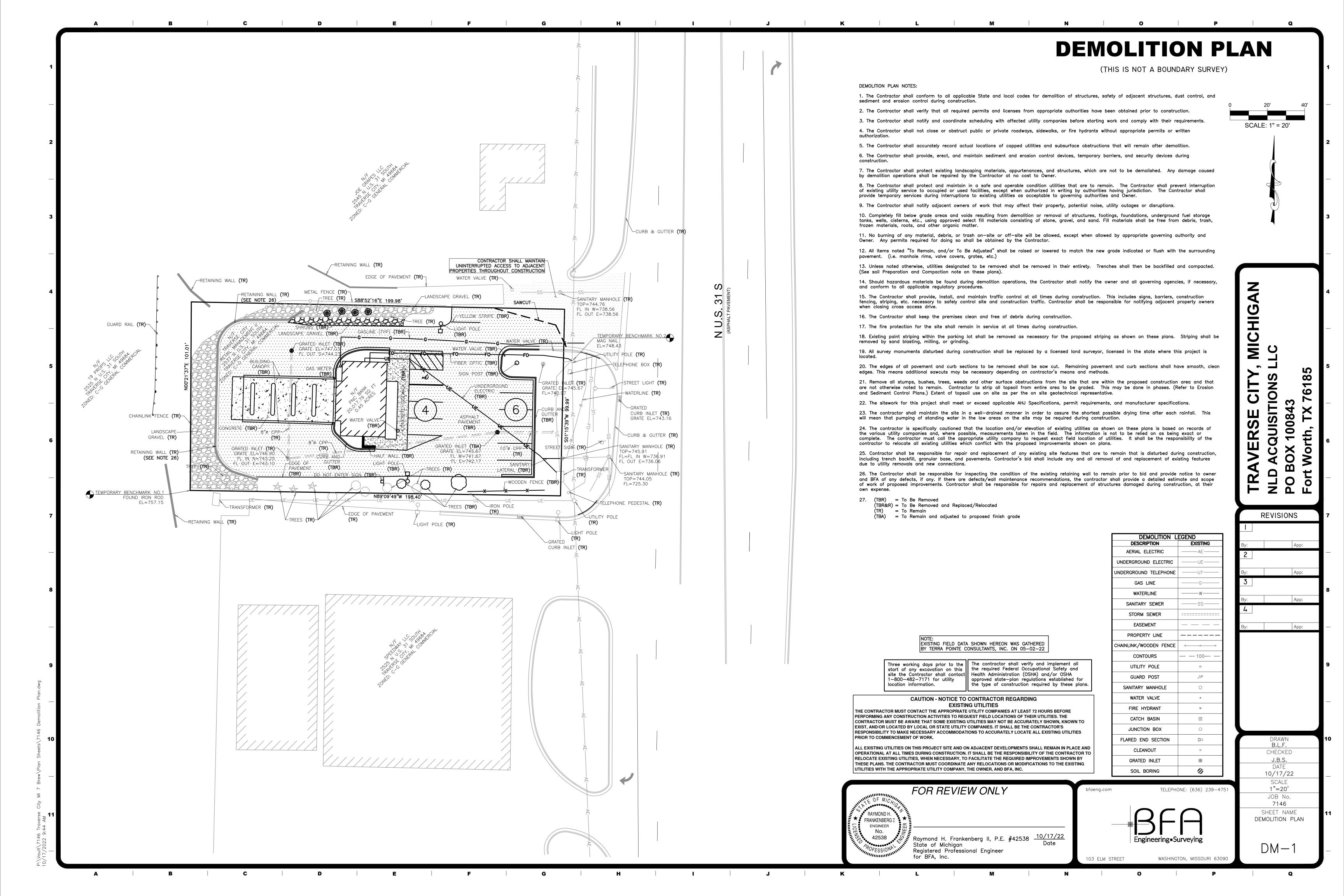
CAUTION-NOTICE TO CONTRACTOR REGARDING EXISTING UTILITIES

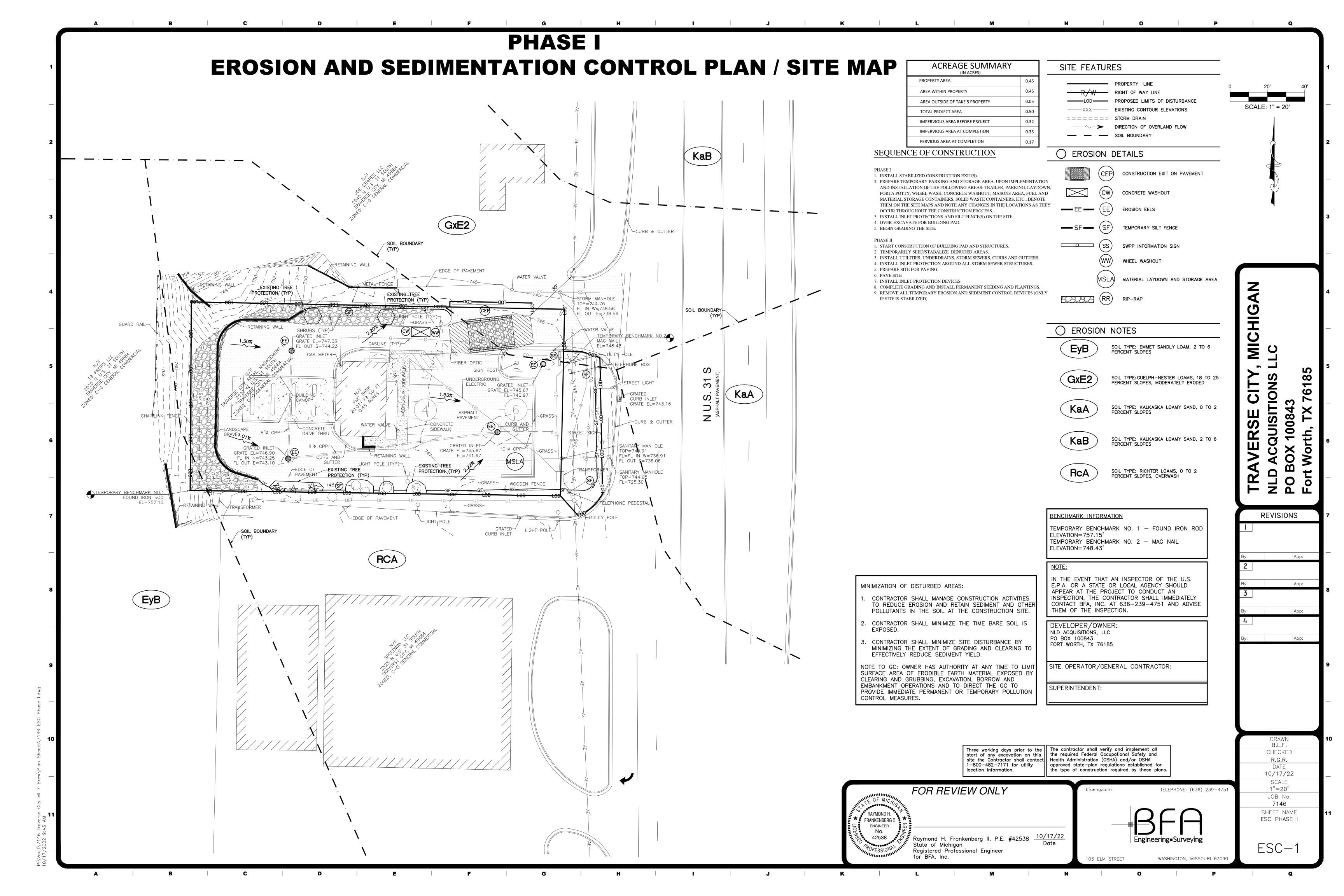
THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE PERFORMING ANY CONSTRUCTION ACTIVITIES TO REQUEST FIELD LOCATIONS OF THEIR UTILITIES. THE CONTRACTOR MUST BE AWARE THAT SOME EXISTING UTILITIES MAY NOT BE ACCURATELY SHOWN, KNOWN TO EXIST, AND/OR LOCATED BY LOCAL OR STATE UTILITY COMPANIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE NECESSARY ACCOMMODATIONS TO ACCURATELY LOCATE ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.

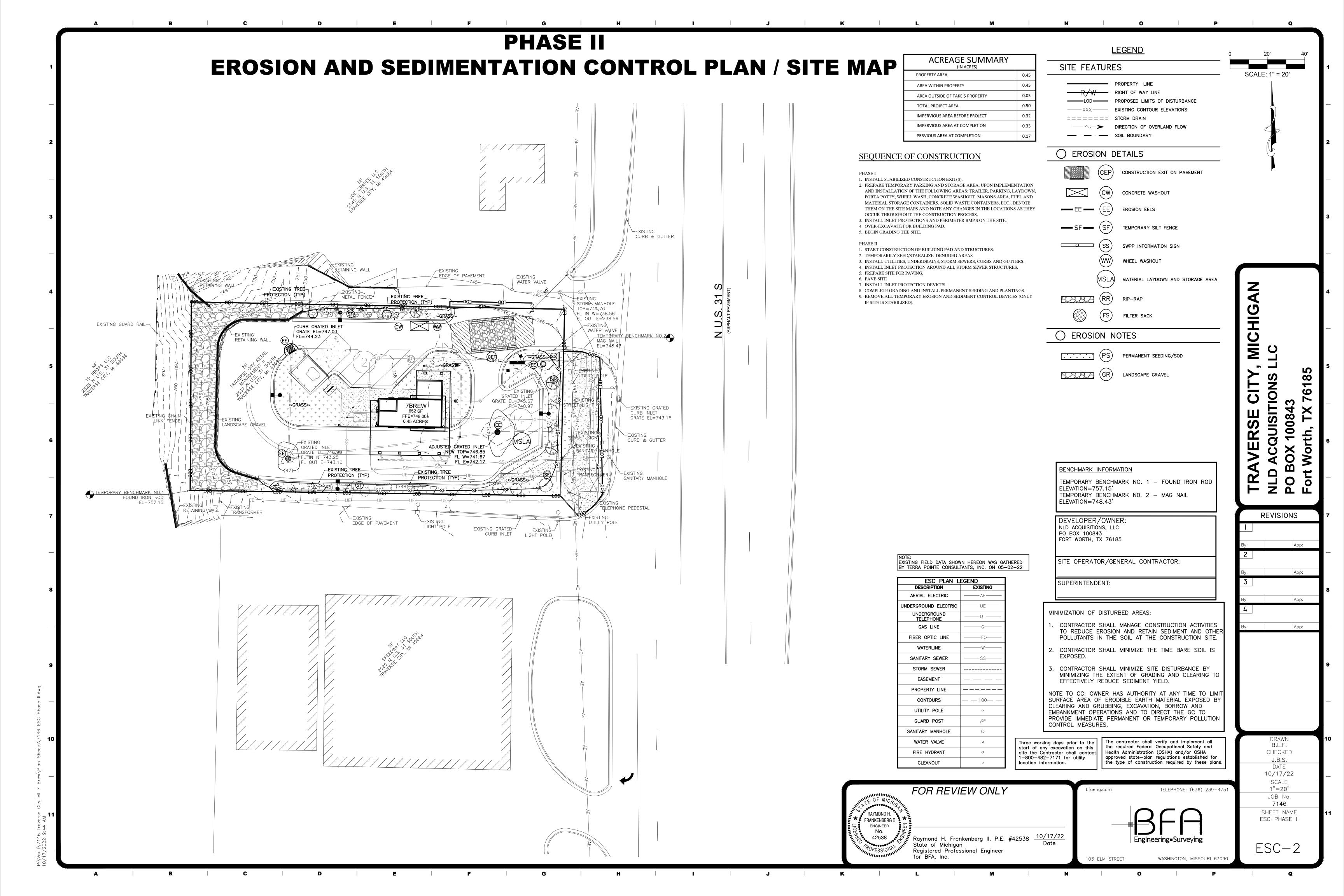
ALL EXISTING UTILITIES ON THIS PROJECT SITE AND ON ADJACENT DEVELOPMENTS SHALL REMAIN IN PLACE AND OPERATIONAL AT ALL TIMES DURING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE EXISTING UTILITIES, WHEN NECESSARY, TO FACILITATE THE REQUIRED IMPROVEMENTS SHOWN BY THESE PLANS. THE CONTRACTOR MUST COORDINATE ANY RELOCATIONS OR MODIFICATIONS TO THE EXISTING UTILITIES WITH THE APPROPRIATE UTILITY COMPANY, THE OWNER, AND BFA, INC.

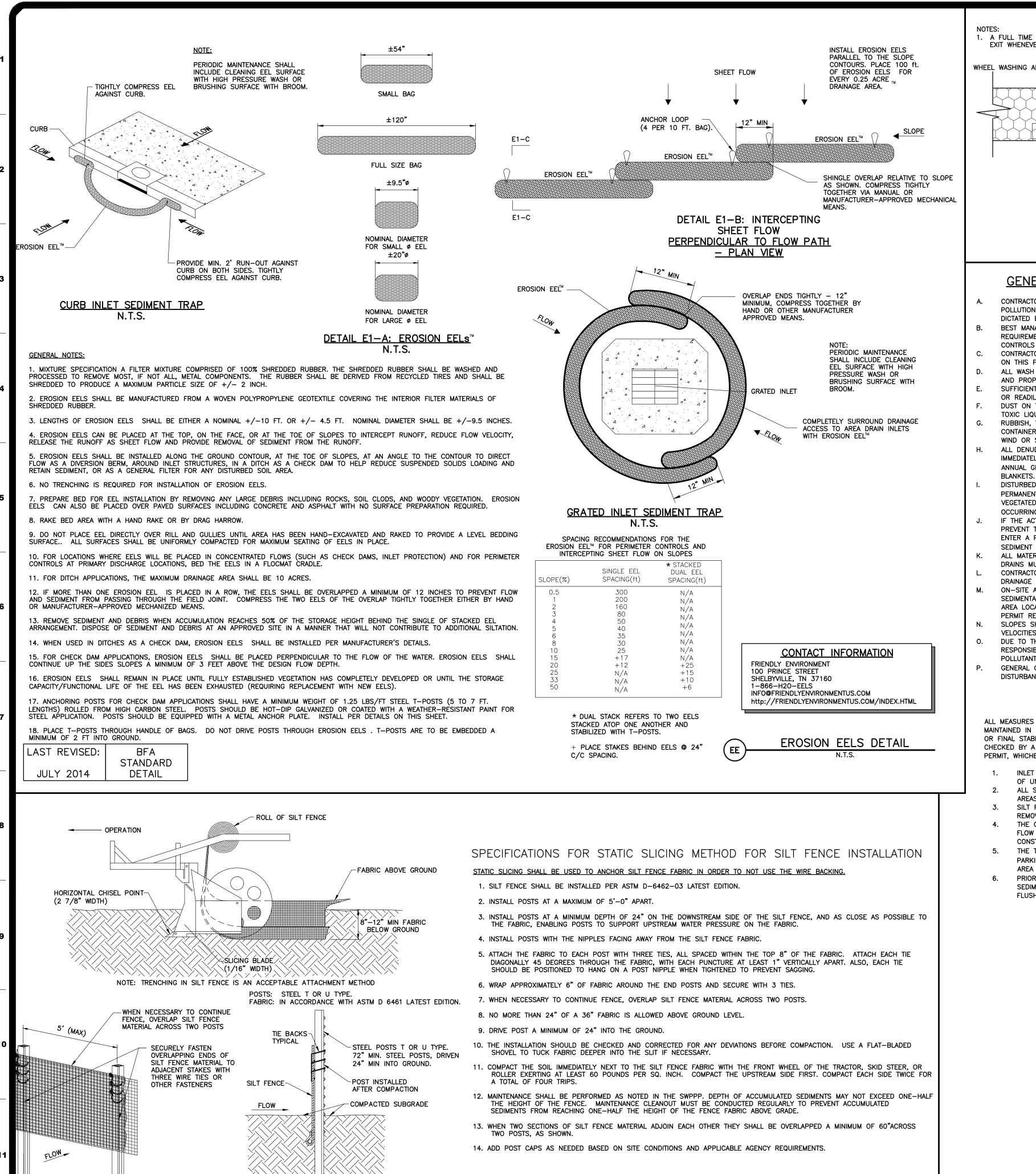












NO SCALE

COMPLETED INSTALLATION

ELEVATION

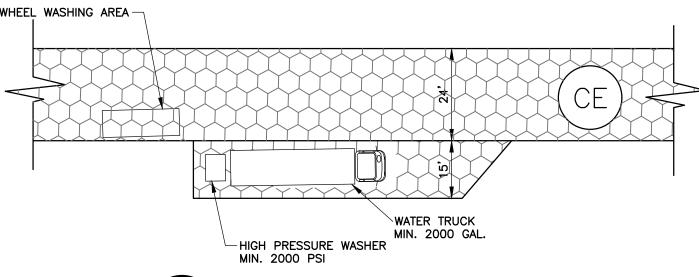
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NON-WIRE BACKED SLICING METHOD FOR SILT FENCE INSTALLATION

NOTES:

1. A FULL TIME INSPECTOR/WHEEL WASHER IS REQUIRED TO BE STATIONED AT THE CONSTRUCTION EXIT WHENEVER TRAFFIC IS ENTERING OR LEAVING THE SITE.

WHEEL WASHING AREA



WW WHEEL WASHING DETAIL NO SCALE

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THIS STORM WATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

 BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL
- CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.

 C. CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN ACCORDANCE WITH EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN, OR REQUIRED BY THE APPLICABLE GENERAL PERMIT.
- D. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- E. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN—UP FUEL OR CHEMICAL SPILLS AND LEAKS.

 F. DUST ON THE SITE SHALL BE MINIMIZED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR
- TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

 G. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF
- WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

 H. ALL DENUDED/BARE AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE, MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY WITH THE USE OF FAST—GERMINATION ANNUAL GRASS/GRAIN VARIETIES, STRAW/HAY MULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR
- I. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEEDED, SODDED, AND/OR VEGETATED IMMEDIATELY, AND NO LATER THAT 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY
- OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.

 J. IF THE ACTION OF VEHICLES TRAVELING OVER THE PAVED CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE INGRESS/EGRESS LOCATION AS PROVIDED.
- K. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
 L. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE STORM SEWER
- DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

 M. ON-SITE AND OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL
- PERMIT REQUIREMENTS.

 N. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF
 VELOCITIES AND EPOSION
- VELOCITIES AND EROSION.

 O. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES TO PREVENT EROSION AND
- POLLUTANT DISCHARGE.

 P. GENERAL CONTRACTOR IS TO DESIGNATE/IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.

BMP MAINTENANCE EROSION NOTES:

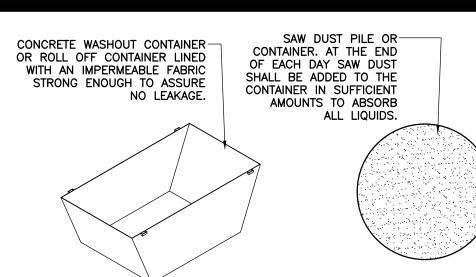
ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- 1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- 2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
- 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE—HALF THE HEIGHT OF THE SILT FENCE.
- 4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS—OF—WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
- 5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
- 6. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING

RAYMOND I

FRANKENBERG ENGINEER No.

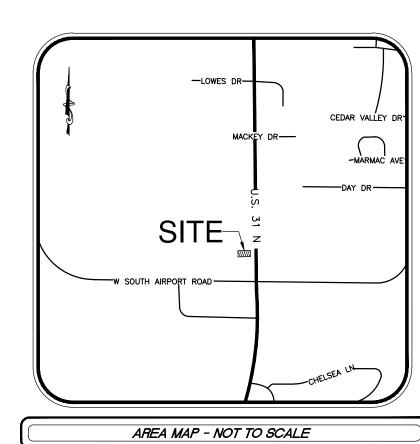
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NOTES:

- 1. CONTAINERS OF SIMILAR CONSTRUCTION MAY BE USED THAT WILL ASSURE THAT NO SOLIDS OR LIQUID ESCAPE THE CONTAINER ONTO
- 2. THE CONTAINER SHALL BE REMOVED AND EXCHANGED WITH AN EMPTY CONTAINER BEFORE THE TOTAL WEIGHT EXCEEDS THE DOT
- 3. SAW DUST MUST BE CONTAINED OR COVERED TO PREVENT RAINFALL AND RUNOFF WATER FROM CONTACTING SAWDUST





SITE

SITE

ACCOMENT

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CITY OF TRAVERSE, GRAND TRAVERSE COUNTY, MICHIGAN, CONTAINING 0.45 ACRES MORE OR LESS.

USGS QUADRANGLE MAP

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Three working days prior to the start of any excavation on this site the Contractor shall contact 1—800—482—7171 for utility location information.

The contractor shall verify and implement all the required Federal Occupational Safety and Health Administration (OSHA) and/or OSHA approved state—plan regulations established for the type of construction required by these plans.

FOR REVIEW ONLY

Raymond H. Frankenberg II, P.E. #42538 10/17/22
State of Michigan
Registered Professional Engineer
for BFA, Inc.

Date

TELEPHONE: (636) 239-4751

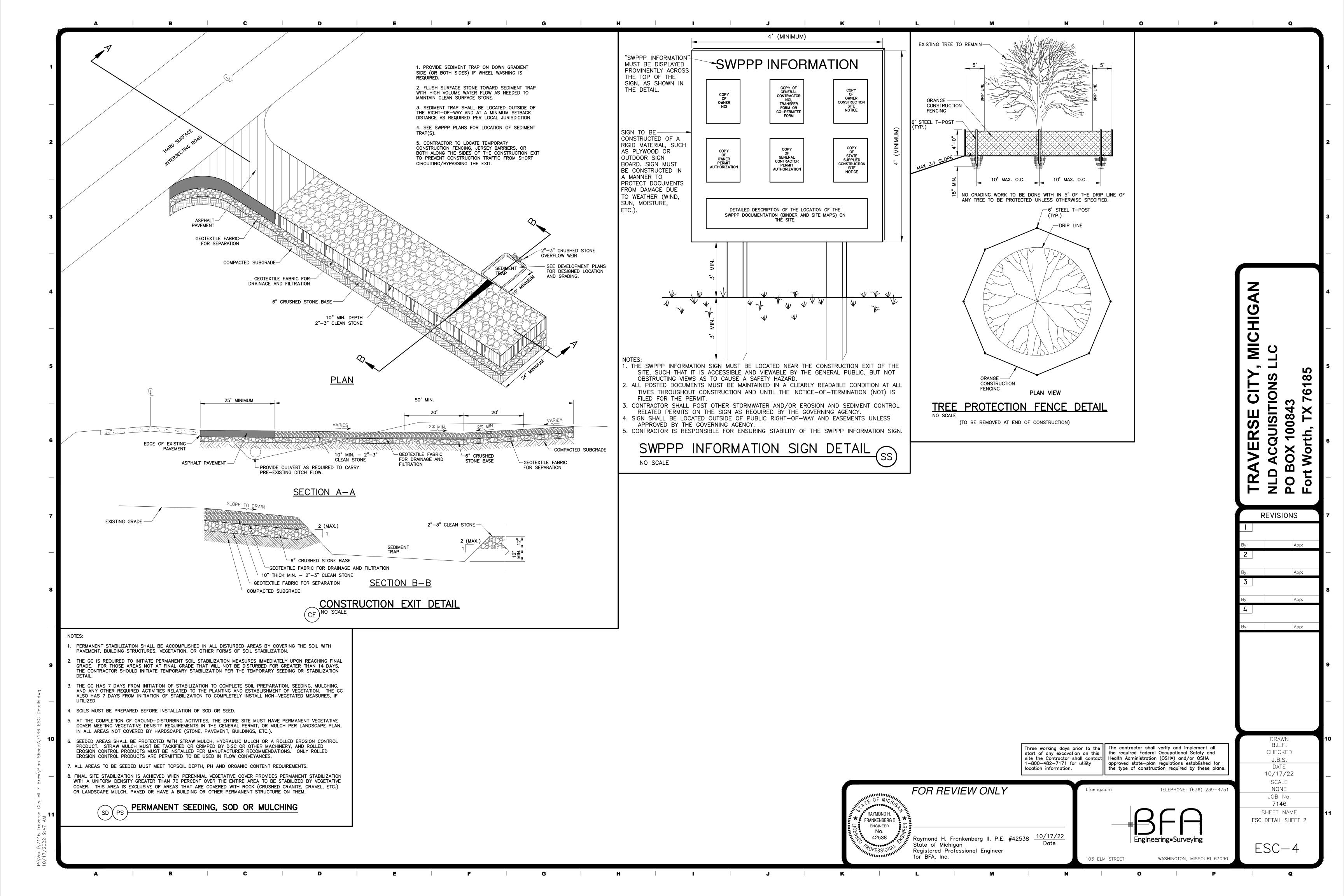
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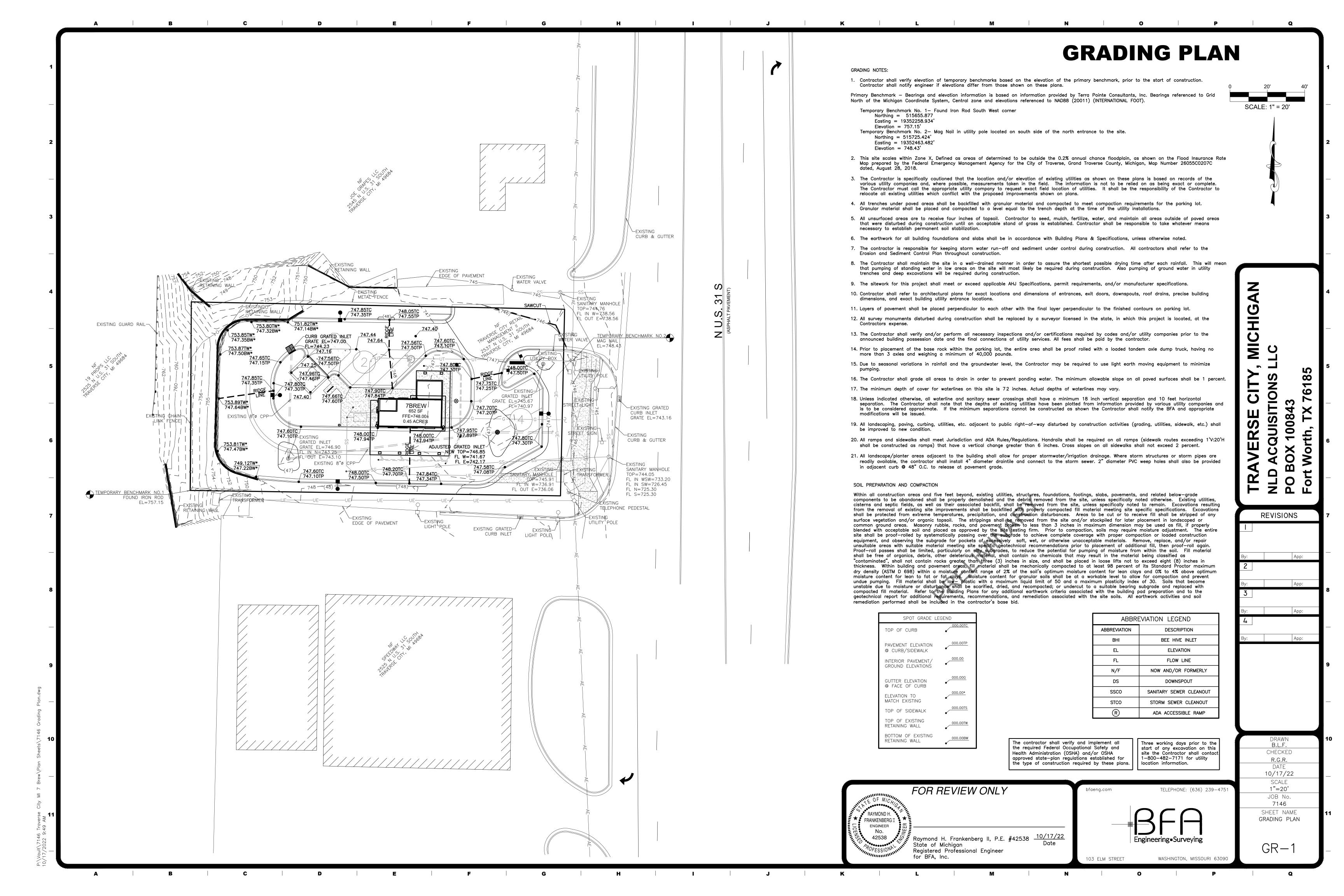
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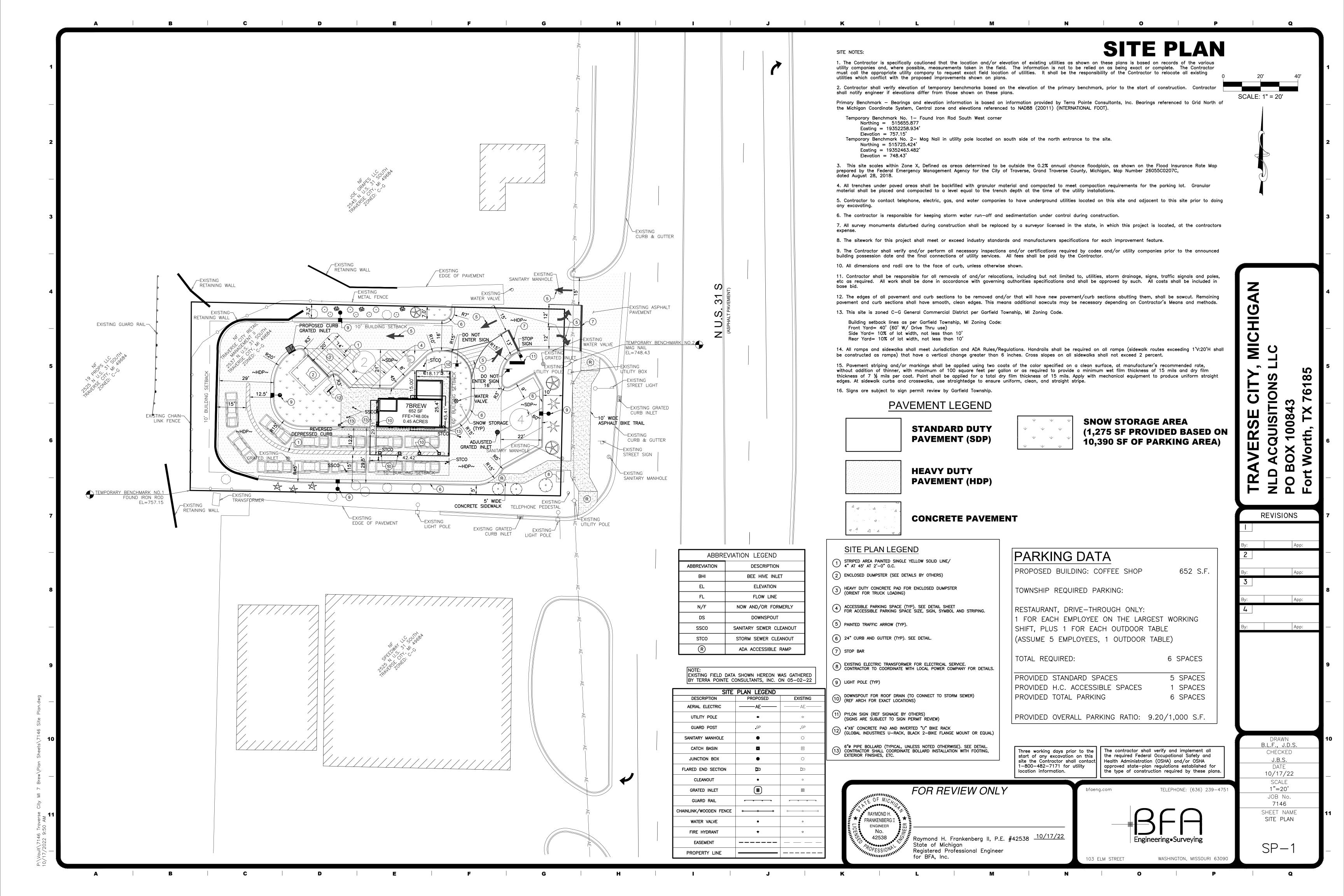
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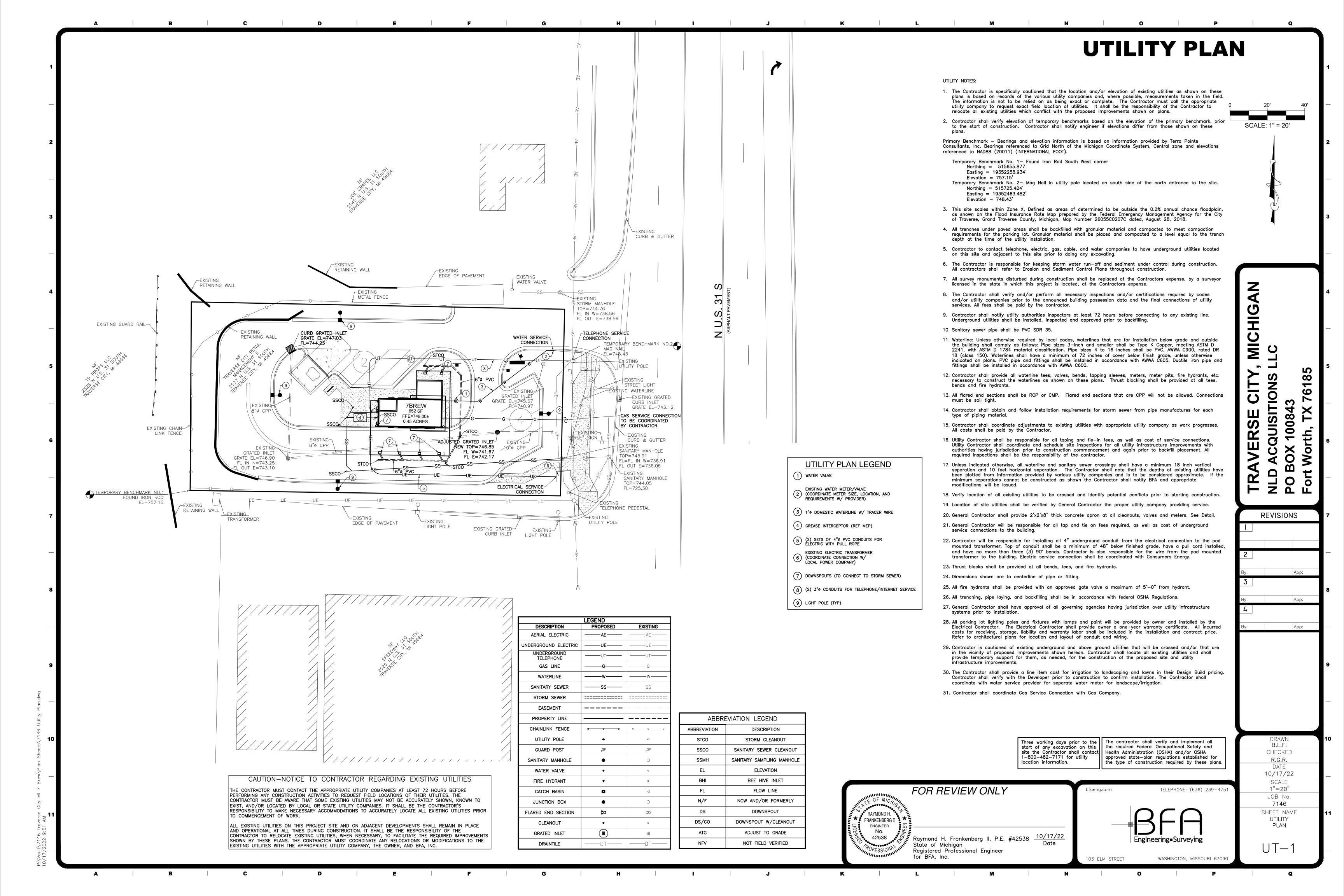
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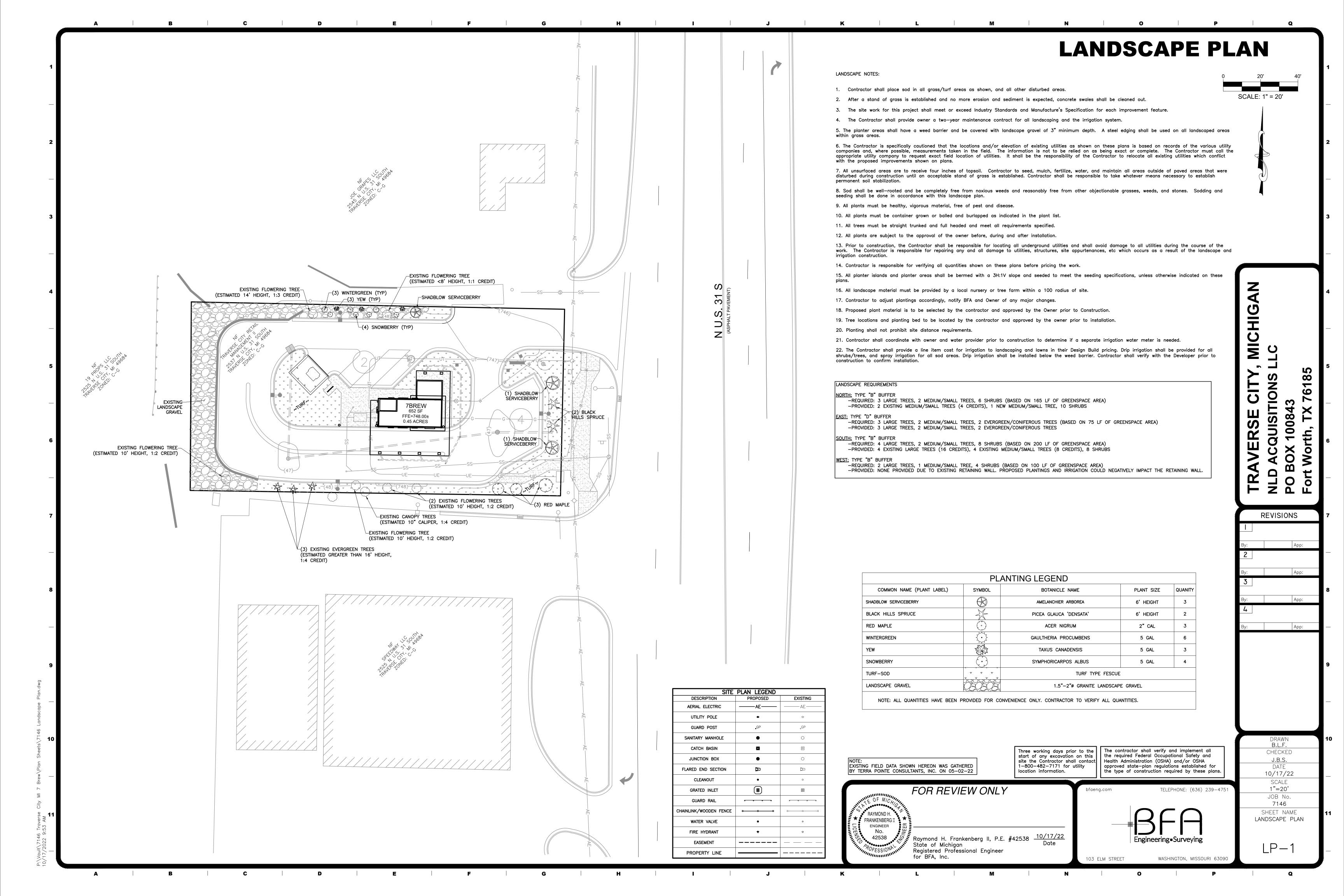
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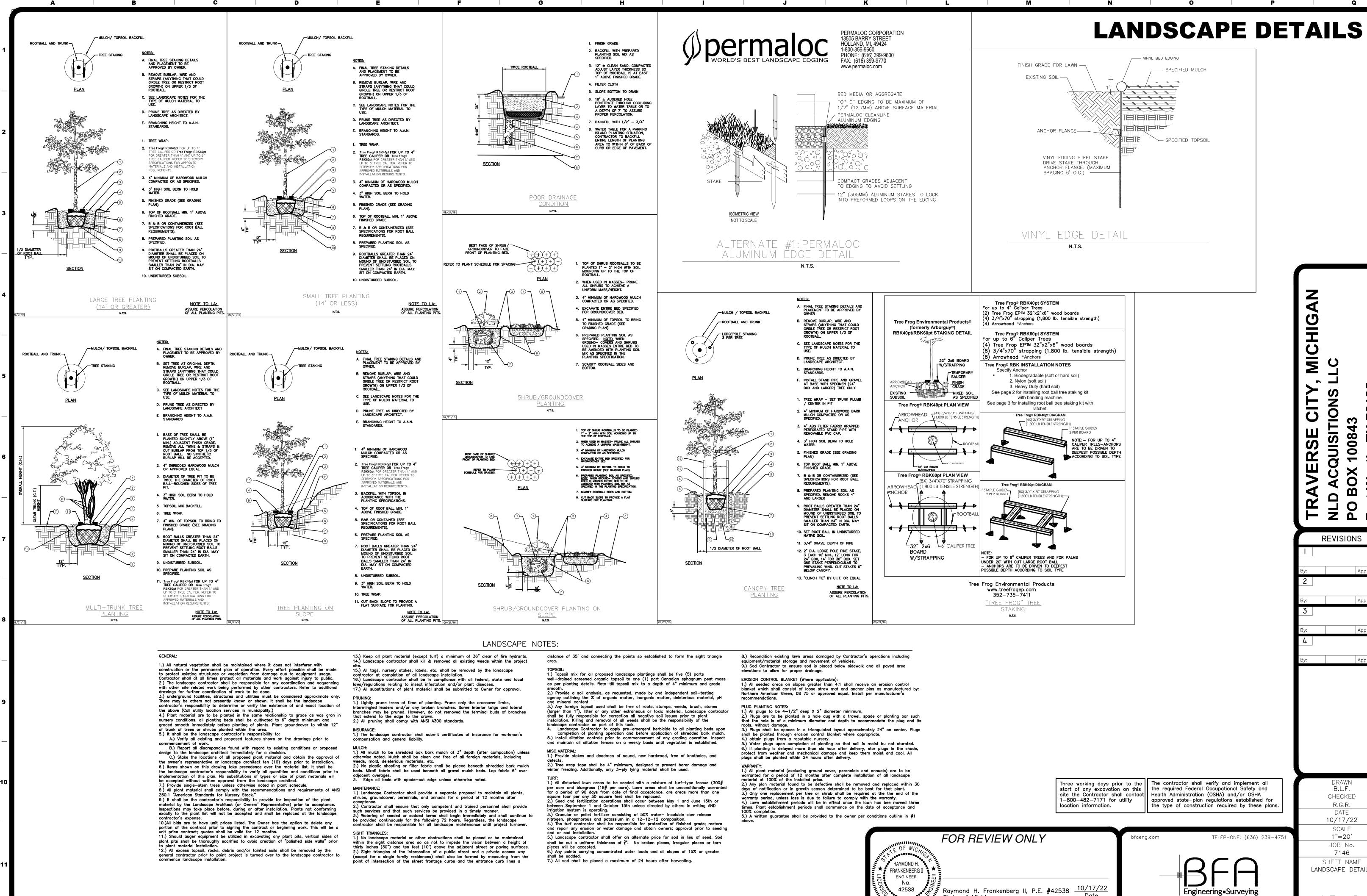












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TELEPHONE: (636) 239-475

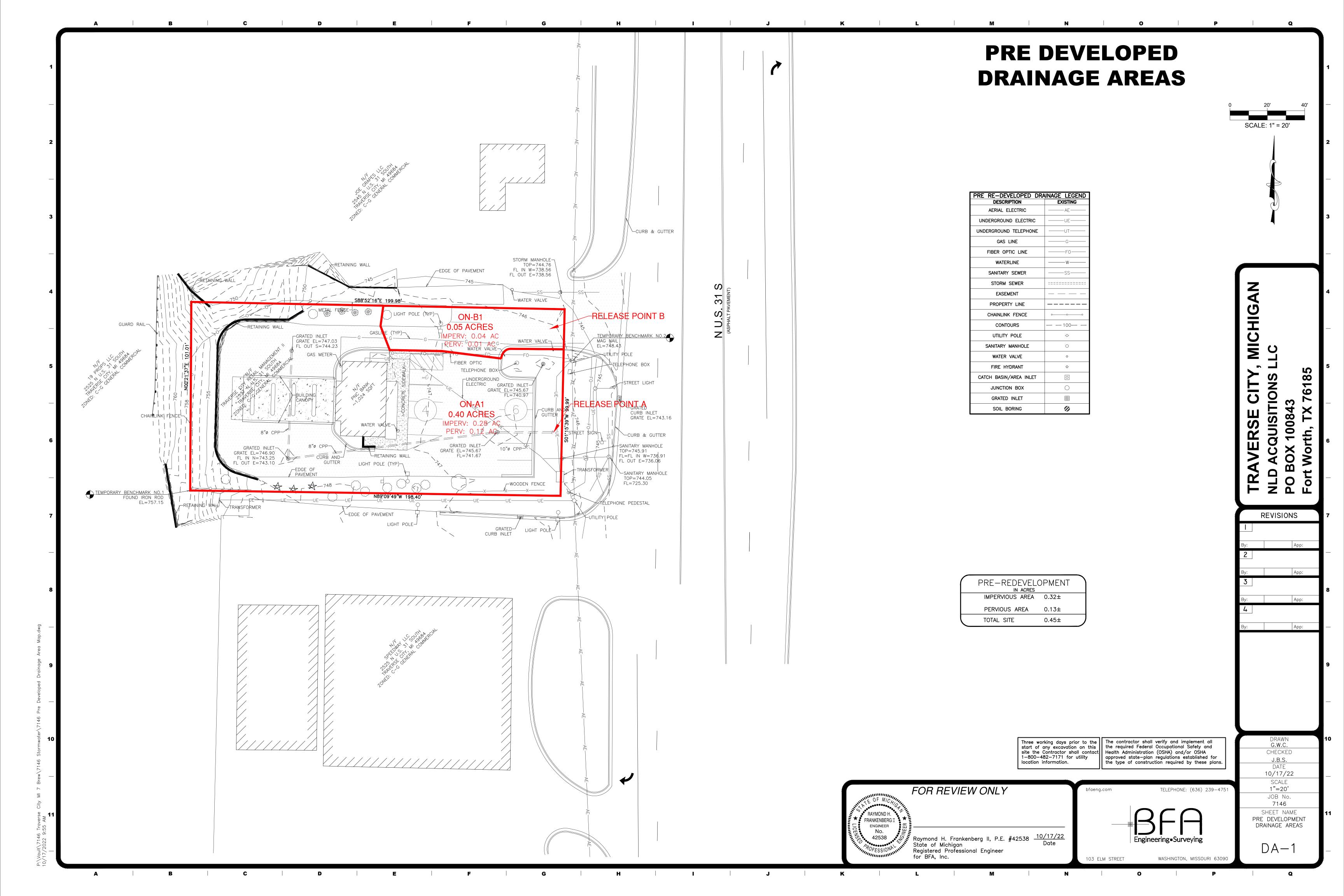
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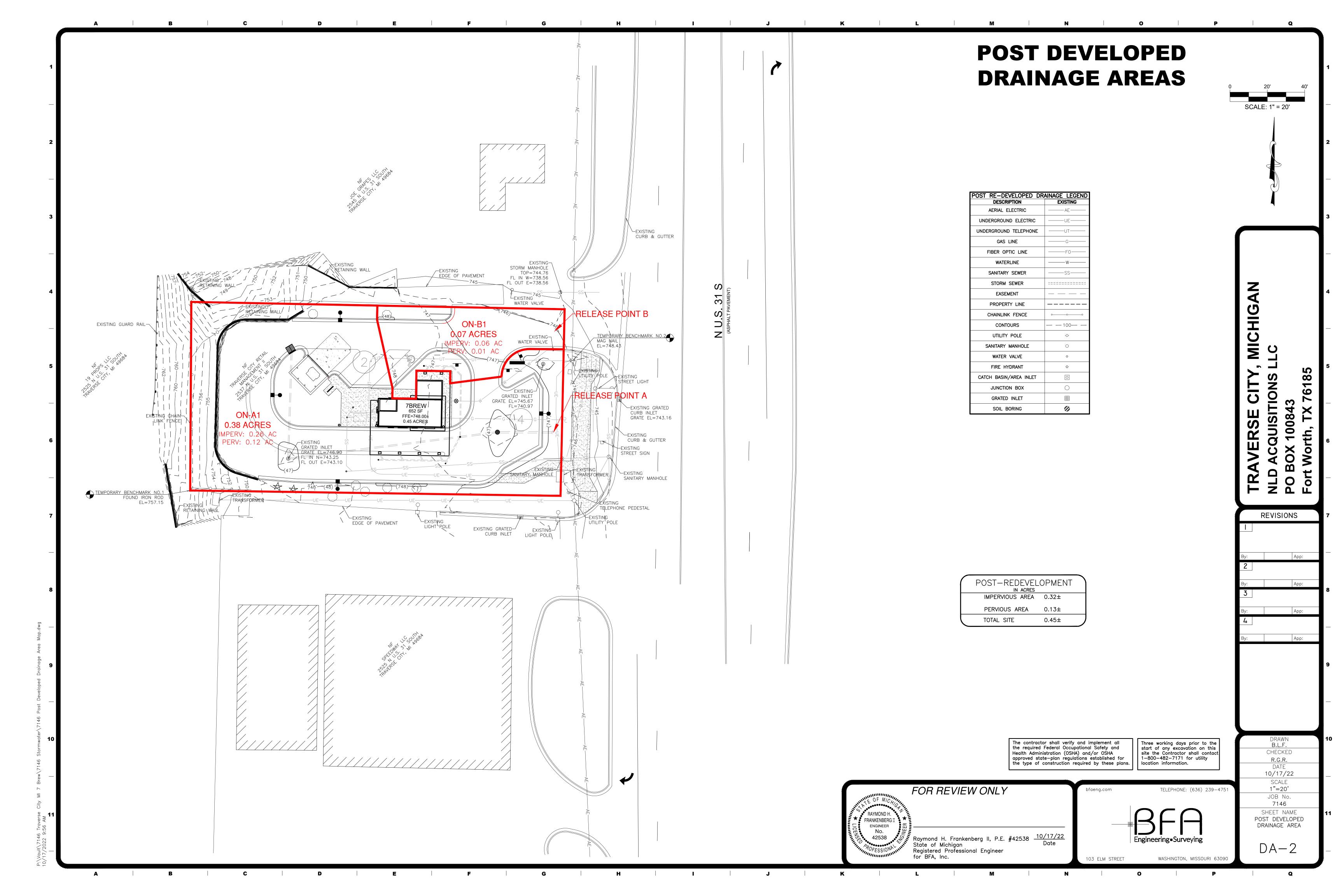
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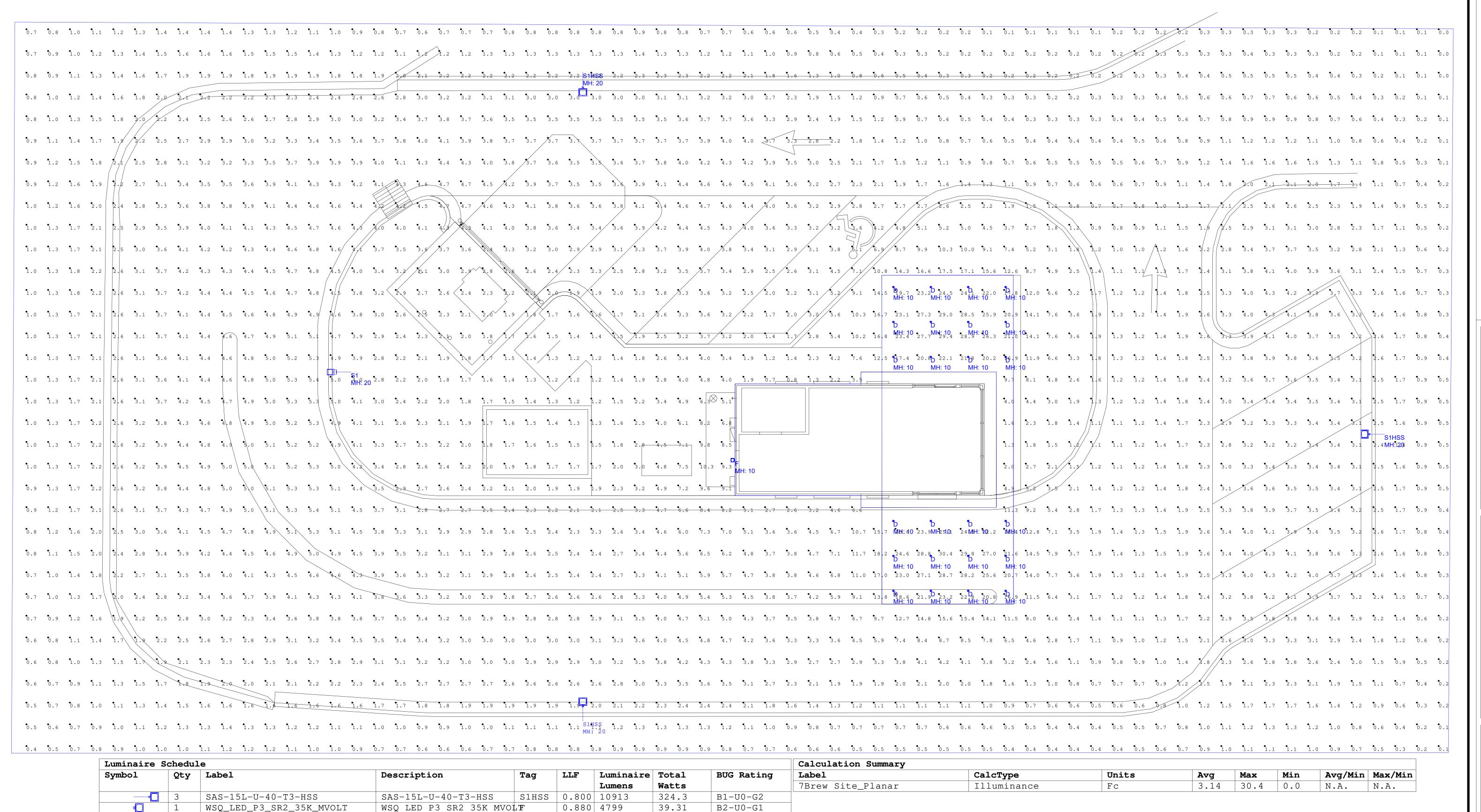
WASHINGTON, MISSOURI 63090

Raymond H. Frankenberg II, P.E. #42538 10/17/22 State of Michigan Registered Professional Engineer for BFA, Inc.

103 ELM STREET







Light Fixture Pricing Information
Contact Information

FOR SITE LIGHTING PRICING, CONTACT RYAN DENNEY WITH CED NATIONAL ACCOUNTS AT 281-733-8884

SAS-15L-U-35-T3

Satco S11810

0.900 16982

0.880 1109

110.5

B2-U0-G3

327.85 B1-U1-G0

- 1

24

SAS-15L-U-35-T3

S11810

W
Checked By:
Date:10/19/2022
Scale:

Scale:

Page 1 of 1

John Sych

From: Wiest, Jeremy (MDOT) < WiestJ@michigan.gov>

Sent: Thursday, September 29, 2022 8:05 AM

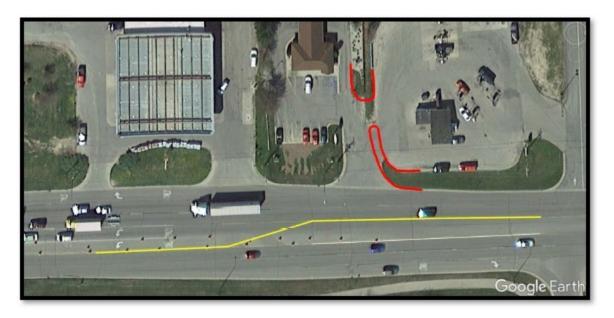
To: John Sych

Subject: RE: 7Brew TIS - OHM 2nd Review - 2537 N US-31 South - Garfield Twp

Good morning John,

The Michigan Department of Transportation's (MDOT) Traverse City office has reviewed the Traffic Impact Study as well as the conceptual plans for the 7Brew development.

Overall, MDOT agrees with the proposed plan for the 7Brew development. However, the department would like to see the entrance striped for a right turn lane, left turn lane, and an inbound lane. This will ensure vehicles are in their correct lane while entering/exiting the site. Also, the department concurs with OHM's recommendation to further channelize traffic to reduce conflicts by adding additional curbing and by having both 7Brew and the gas station be under stop control. This will in turn give priority to traffic entering both sites thus reducing backup onto US-31 (see figure below from OHM's September 6th, 2022 letter).



Lastly, the property owner will need to obtain a permit from MDOT for work within the right-of-way.

Thank you for providing MDOT the opportunity to comment early in the review process. Please let our office know if you need anything further.

Jeremy

Jeremy Wiest, P.E.

Permit Engineer

Michigan Department of Transportation Traverse City Transportation Service Center 2084 US-31 South

Traverse City, MI 49685

Cell Phone: 231-649-9907









October 17, 2022

Charter Township of Garfield Planning Commission Mr. John Sych, AICP - Director of Planning 3848 Veterans Drive Traverse City, MI 49684

Re: 7 Brew - 2537 N US 31 South

To the Planning Commission and Mr. Sych,

Community Planning and Land Use Consulting, LLC has been retained by 2537 N US 31 South LLC (Net Lease Properties) in its request for a Special Use Permit for a 7 Brew drive-through coffee location at 2537 N US 31 South. This letter is intended to summarize our understanding of the discussion to date and to discuss resolutions to the concerns raised throughout the application process, most notably including traffic issues.

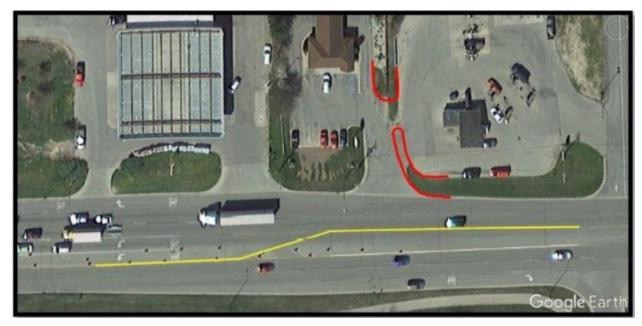
Background:

The application requests Planning Commission Special Use Permit review for a proposed Drive-Through Business, and more specifically, approval of a two-lane drive-through coffee business. Drive-through businesses are permitted by way of a special use permit in the C-G General Business zoning district. This request has been submitted pursuant to Garfield Township Zoning Ordinance § 320 C-G General Commercial Regulations, § 423 Special Use Permits, § 618 Traffic Impact Reports, and § 730 Drive-Through Business.

This letter is focused upon the discussion to date regarding § 618 Traffic Impact Reports. To date, the Township has received and considered the following information regarding traffic impact:

- MDOT email / consent to reuse existing driveway dated 3/3/2022
- Fishbeck traffic study dated 6/8/2022
- OHM traffic study review dated 7/28/2022
- Fishbeck response to OHM review dated 8/23/2022
- OHM comments to Fishbeck response dated 9/6/2022

- MDOT email comment regarding OHM 9/6/2022 comments dated 9/29/2022
- BFA Engineering / MDOT email dated 10/7/22 (red comment email, attached)



(Above: OHM Traffic Review reference image)

For the purposes of this letter, we will focus on three notable issues regarding traffic, including:

- Improvements (striping) within the US 31 road right-of-way (yellow line, above);
- Improvements (physical or painted curb) on the shared entrance with Mutual Gas Station (red lines, above); and
- The continued use of the shared entrance with Mutual Gas Station.

Improvements (striping) within the US 31 road right-of-way

The yellow line shown above was noted within the OHM traffic review as a possible improvement within the US 31 right-of-way.

However, in a 10/7/22 email between BFA engineering and the current MDOT Permit Engineer, it was stated that re-striping US 31 is not supported at this time. MDOT has stated that they will "monitor this location upon opening for any potential modifications."

➤ Improvements within the US 31 road right-of-way are not in control of the applicant, and will be monitored by MDOT for any potential future modifications.

Improvements (physical or painted) on shared entrance with Mutual Gas Station

As also shown in the above illustration, the OHM study identified the potential improvements of curb or striping extending onto the Mutual Gas Station property (red lines). While the applicant has worked in good faith to address this request with the owner of this property, and even offered to pay for these improvements, these discussions have not resulted in the ability to make the off-premise improvements.

MDOT has indicated that it would like to see striping added to the driveway approach to delineate the two outbound lanes and one inbound lane. The revised site plans now include striping to delineate the two outbound lanes and one inbound lane, as requested by MDOT.

Continued use of the shared entrance with Mutual Gas Station.

The applicant's ability to continue to use this driveway was confirmed by MDOT in the 3/3/2022 email; *an MDOT permit is not necessary for its reuse.*

- ➤ The shared use of the driveway has occurred for nearly 20 years, after being constructed by MDOT during an intersection improvement project in 2003. When constructed, it was centered on the property line to provide both properties with rightful access to their business.
- ➤ In the event that use of the shared driveway comes into question, the applicant is granted the right to access via Section 512.2, which states that all land located within a single property tax code and fronting on a state highway or county road shall be entitled to one (1) driveway or road access per existing parcel.

Summary:

While we support cross-access and traffic management priorities in general, the reasonable use and redevelopment of a particular property should not be held up for circumstances that are out of the applicant's control.

A traffic study provided by the Applicant and performed by Fishbeck found the site, proposed use and shared entrance to be adequate and without concern with entering or exiting vehicles. Garfield Township traffic engineers (OHM) have now agreed with the study and provided an opinion on traffic flow, which included traffic striping and two off-premise improvements including elongating the curb cut into the Mutual gas station and delineating a yellow line on US-31 for traffic control.

MDOT has acknowledged the continued use of the existing curb cut, and will continue to monitor traffic movements for potential changes to the road right-of-way striping.

In summary, the applicant's site plan has been reviewed by independent traffic consultants, the Township's traffic consultant, and MDOT, resulting in the application being deemed satisfactory for vehicular circulation. In this case, the applicant has made reasonable efforts to work with neighboring properties and MDOT in order to accommodate traffic movements to, from, and within the site.

As evidenced above, the applicant is dedicated to working with the Township to resolve the site design challenges that have come up. We are grateful for your time and for amicably working towards a solution.

Sincerely,

Roberto Larrea

Rob Larrea, AICP

Principal | Land Use Planner

Community Planning & Land Use Consulting, LLC

Attachment:

BFA Engineering / MDOT email dated 10/7/22

From: Wiest, Jeremy (MDOT) <WiestJ@michigan.gov>

Sent: Friday, October 7, 2022 9:34 AM

To: John Schebaum

Cc: Mark Huonder; Likens, TJ

Subject: RE: 2537 US Highway 31 Traverse City, MI Proposed Development - BFA 7146 Wiest MDOT 7Brew 2537 N US-31 South 09.29.2022.pdf; 10 Site Plan.pdf

Good morning John,

Per our phone conversation, below are my comments in red.

Jeremy

From: John Schebaum < jschebaum@bfaeng.com>

Sent: Friday, October 7, 2022 8:35 AM

To: Wiest, Jeremy (MDOT) < WiestJ@michigan.gov>

Cc: Mark Huonder <mh@netleaseproperties.com>; Likens, TJ <tjlikens@fishbeck.com> **Subject:** RE: 2537 US Highway 31 Traverse City, MI Proposed Development - BFA 7146

CAUTION: This is an External email. Please send suspicious emails to abuse@michigan.gov

Good Morning Jeremy,

John Sych with the Township passed along the attached email from you to our team yesterday afternoon. I just wanted to clarify a couple items to make sure we are on the same page.

• The image in your email shows a yellow line in the center lane of US 31. I assume it is just shown since the image was copied from OHM's report where they discussed the yellow line separately. Can you confirm that MDOT has no desire to modify the center turn lane/dual left turn striping?

That is correct. MDOT will monitor this location upon opening for any potential modifications.

- "The department concurs with OHM's recommendation to further channelize traffic to reduce conflicts by adding additional curbing and by having both 7Brew and the gas station be under stop control."
 - Please note that we are proposing pavement striping in lieu of curbing for the red island shown closest to US 31. The intent is to not impede delivery truck movements for the Mutual gas station. Can you confirm this is acceptable?

As I mentioned on the phone, MDOT likes the idea of the curbing but understands that curbing doesn't work with the Mutual gas stations truck movements. However, ultimately this is a decision for the township not MDOT.

• We are currently working with the adjacent property owner to create the improvements shown in red, and initial conversations have gone well. However, since it is a completely separate property owner, we can never have 100% confidence that we can get them to sign the agreements necessary to complete the improvements (we are proposing to complete the improvements for them). Should things fall through with the adjacent owner, we have updated our Site Plan to provide stop control on our

property. Please see the attached Site Plan and let us know if this is acceptable, if the adjacent owner is unable to work with us.

MDOT would like to see striping added to the driveway approach to delineate the two outbound lanes and the one inbound lane.

Thanks for your help and feel free to call or email with any questions.

John Schebaum, PE

BFA, Inc. | 103 Elm Street | Washington, MO 63090

Direct 636.231.4337 Office 636.239.4751

From: Wiest, Jeremy (MDOT) < WiestJ@michigan.gov>

Sent: Monday, July 18, 2022 11:40 AM **To:** Likens, TJ <<u>tilikens@fishbeck.com</u>>

Cc: John Schebaum < jschebaum@bfaeng.com >; Reidsma, Kyle < kreidsma@fishbeck.com > Subject: RE: 2537 US Highway 31 Traverse City, MI Proposed Development - BFA 7146

TJ,

Attached are the plan sheets showing the consolidation of driveways that occurred with our widening project back in 2003. These have also been sent to the township.

Let me know if you have any questions or need anything else.

Jeremy

Jeremy R Wiest, P.E.

Permit Engineer

Michigan Department of Transportation Traverse City Transportation Service Center 2084 US-31 South, Suite B Traverse City, MI 49685 Cell Phone: 231-649-9907

From: Likens, TJ <tjlikens@fishbeck.com>
Sent: Thursday, July 14, 2022 10:04 AM

To: Wiest, Jeremy (MDOT) < WiestJ@michigan.gov >

Cc: John Schebaum < <u>ischebaum@bfaeng.com</u>>; Reidsma, Kyle < <u>kreidsma@fishbeck.com</u>> Subject: RE: 2537 US Highway 31 Traverse City, MI Proposed Development - BFA 7146

CAUTION: This is an External email. Please send suspicious emails to abuse@michigan.gov

Good morning Jeremy,

I left you a VM – am hoping to talk to you about the consolidation of access for the subject parcel (former PNC bank) and gas station, in relationship to intersection improvements at US-31 and S Airport Road. From aerial imagery it appears

these were done at the same time circa 2003. I am wondering if MDOT can provide a set of record plans for this project? The Township PC tabled the application last night and the history of this driveway consolidation was in question. Recognizing this was a while ago – any assistance is greatly appreciated. TJL



Timothy J. Likens, PE, PTOE | Senior Traffic Engineer

Fishbeck | w: 616.464.3984 | c: 847.269.3003 | Fishbeck.com

From: Wiest, Jeremy (MDOT) < WiestJ@michigan.gov>

Sent: Wednesday, March 2, 2022 9:56 AM **To:** John Schebaum < jschebaum@bfaeng.com >

Subject: RE: 2537 US Highway 31 Traverse City, MI Proposed Development - BFA 7146

Good morning John,

Our office has reviewed the attached conceptual plans for the proposed coffee shop development. This e-mail serves as the Michigan Department of Transportation's consent to reuse the existing driveway at 2537 US-31, Traverse City Michigan. A permit is not necessary for the reuse. If you need anything further from our office please do not hesitate to contact me.

Thanks!

Jeremy

Jeremy R Wiest, P.E.

Permit Engineer

Michigan Department of Transportation Traverse City Transportation Service Center 2084 US-31 South, Suite B

Traverse City, MI 49685 Cell Phone: 231-649-9907

From: John Schebaum < <u>ischebaum@bfaeng.com</u>>
Sent: Monday, February 28, 2022 9:00 AM

To: Wiest, Jeremy (MDOT) < WiestJ@michigan.gov>

Cc: Kevin Myers <km@netleasedev.com>

Subject: 2537 US Highway 31 Traverse City, MI Proposed Development - BFA 7146

CAUTION: This is an External email. Please send suspicious emails to abuse@michigan.gov

Good Morning Jeremy,

Please see the attached Conceptual Site Plan regarding the proposed development in Traverse City, Michigan we discussed last week.

We do not plan to make any improvements within the ROW, or any changes to the existing access. Please let me know if you have any comments or questions.

This development will be reviewed by the Garfield Township in order to obtain a Special Use Permit, so I would anticipate that they will reach out to you for comments in the future as well.

Thanks,

John Schebaum, PE

BFA, Inc. | 103 Elm Street | Washington, MO 63090 Direct 636.231.4337 Office 636.239.4751

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Charter Township of Garfield Planning Department Report No. 2022-98				
Prepared:	October 19, 2022		Pages:	4
Meeting:	October 26, 2022 Planning Commis	ssion	Attachments:	\boxtimes
Subject:	SPR 2022-16 Birmley Hills Site Condominium – Introduction			
File No.	SPR 2022-16	Parcel No. 0	05-026-020-30	
Owner:	T&R Investments, Steve Zakrajsek			
Agent:	Boyne Engineering and Design			

BACKGROUND:

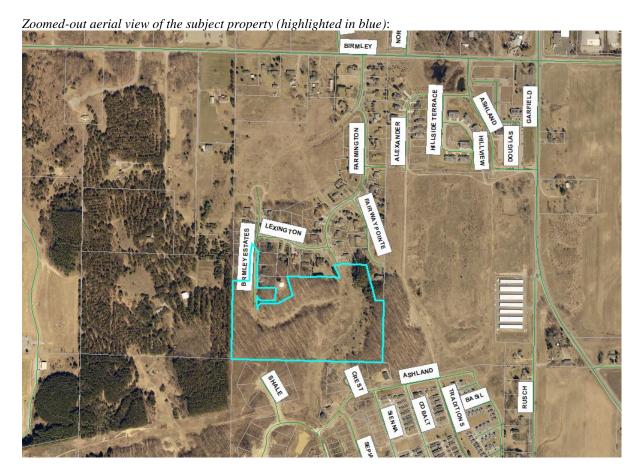
Birmley Hills is a proposed 35-lot residential site condominium development immediately adjacent to the south of the existing Birmley Hills Estates subdivision.

PURPOSE OF APPLICATION:

This application is for a site condominium development of 35 single-family residential lots. According to the application, the lots will be between 1,500 and 3,800 square feet. Approximately 14% of the site will be preserved as open space and is primarily forested hills. The proposed development would be served by the water and sewer extending from the existing Birmley Hills Estates subdivision.

SUBJECT PROPERTY:

The property is approximately 21.3 acres and is zoned as R-1 One-Family Residential. The property is at the end of Farmington Drive and Birmley Estates Drive which both provide access from Birmley Road.





Zoomed-in aerial view of subject property (highlighted in blue):

SITE CONDOMINIUM REVIEW CONSIDERATIONS:

Consultation

Section 429 B. of the Zoning Ordinance allows for the Planning Commission to consider input from the Township Attorney and Township Engineer as needed in its review of a condominium development plan, especially the master deed, deed restrictions, utility systems and streets, subdivision layout and design, and compliance with the Condominium Act. Other agencies will also review the plan as needed.

The Township Engineer will review storm water and private roads for this application and has provided an estimated amount for escrow for plan review, construction oversight, and project close-out of the water main and sanitary sewer extension.

Review Criteria

Section 429 G. of the Zoning Ordinance described the review criteria for site condominium subdivisions: "For purposes of making a decision to approve, approve with conditions or to deny a site condominium subdivision plan, the Township shall consider and make findings with respect to the following criteria:"

(1) That each condominium lot in a site condominium subdivision shall be considered as a single lot and shall comply with all regulations of the zoning district in which it is located. In a condominium development containing single-family detached dwelling units, not more than one (1) dwelling unit shall be located on a condominium lot, nor shall a dwelling unit be located on a condominium lot with any other principal structure or use. Required yards shall be measured from boundaries of a condominium lot. These requirements shall be made part of the bylaws and recorded as part of the master deed

The application proposes 35 single-family lots on a site with R-1 One-Family Residential zoning. For lots in R-1 with public sewer, the minimum lot area is 15,000 square feet and the minimum lot width is 100 feet. Along the curve of a road, the lot width is measured from the front setback line instead of at the front lot line. The lots shown on the site plan appear to meet the minimum lot area and minimum lot width requirements.

(2) That there is a proper relationship between the existing streets and highways within the vicinity, and proposed deceleration lanes, service drives, entrance and exit driveways, and parking areas to assure the safety and convenience of pedestrian and vehicular traffic, and that the proposed streets and access plan conform to any street or access plan adopted by the Township or the County Road Commission

The two proposed roads are Birmley Hills Drive, an extension of Birmley Estates Drive, and an extension of Farmington Court. These roads connect to Birmley Road. The proposed streets for this proposed project appear to be a logical extension of the street pattern for this area. Agencies including Metro Fire will also provide comments on streets and the impact of this project.

(3) That as many natural features of the landscape shall be retained as possible, particularly where they furnish a barrier or buffer between the project and adjoining properties used for dissimilar purposes, and where they assist in preserving the general appearance of the neighborhood or help control erosion or the discharge of storm waters

The applicants propose to reserve approximately 14% of the property as a wooded area including a contiguous area of 1.94 acres in the southeast corner of the site. This is hilly and helps provide a natural buffer to portions of the Ashland Park and Traditions sites.

(4) That any adverse effect of the proposed development and activities emanating therefrom upon adjoining residents or owners shall be minimized by appropriate screening, fencing or walls, or landscaping

The proposed development consists of single-family homes which is compatible with the existing single-family homes to the north and south. Sites to the west and east are currently vacant. There are no major adverse effects anticipated from the proposed development.

(5) That all provisions of this ordinance are complied with

Development standards such as fences, lighting, landscaping, and parking are handled as part of the design for each individual condominium lot. The site plan notes no site lighting is proposed for this development, and that parking will be located on individual lots and no additional parking areas are proposed. Details for a proposed entrance sign are shown on Sheet C6.0. Signs require sign permit review and are not approved under the site plan review process.

(6) That all site condominium lots shall be provided access by either public or private roads in conformance with the requirements of this ordinance. All site condominium units shall be accessible to emergency vehicles

All lots are proposed to be accessed by an extension of Farmington Court and by Birmley Hills Drive, which are proposed to be private roads. Access for emergency vehicles should reflect any comments from the relevant agencies.

- (7) That a plan for erosion control and storm water discharge has been approved by the appropriate public agency; and
 - Review of erosion control and storm water will be handled by the Grand Traverse County Soil Erosion and Sedimentation and the Township Engineer, respectively. Storm water retention areas are shown on the west side behind Lot 22 and in northeast part of the site.
- (8) That the plan as approved is consistent with the intent and purpose of zoning to promote public health, safety and general welfare; to encourage the use of lands in accordance with their character and adaptability to avoid the overcrowding of population; to lessen congestion on the public roads and streets; to reduce hazards to life and property; to facilitate adequate provisions for a system of transportation, sewage disposal, safe and adequate water supply, education, recreation and other public requirements; and to conserve the expenditure of funds for public improvements and services to conform with the most advantageous uses of land, resources and properties; to preserve property values and natural resources; and to give reasonable consideration to character of a particular area, its suitability for particular uses and the general appropriate trend and character of land, building, and population development and is otherwise in compliance with law.

The proposed development is consistent with the current zoning of R-1 One-Family Residential and the Future Land Use Map designation of Low Density Residential and is consistent with the intent to promote the public health, safety, and welfare and with the provisions of this standard.

PROCESS:

Site condominiums are reviewed by both the Planning Commission and Township Board. The Planning Commission shall hold a public hearing on the application and make a recommendation on the application to the Township Board. The Township Board conducts final review of the application but is not required to hold its own public hearing.

ACTION REQUESTED:

At the Planning Commission regular meeting on September 28, 2022, the Commissioners agreed to allow Staff to schedule a public hearing for this application for the November 9, 2022 meeting pending a Staff review of the application for completeness. The public hearing has been scheduled for the November 9, 2022 meeting. Notice was provided to property owners and occupants within 300 feet of the property and published in the newspaper. No further action is requested at this meeting.

Attachments:

- 1. Application for Site Condominium Subdivision review dated September 22, 2022.
- 2. Birmley Hills Site Condominium Site Plan Set dated September 21, 2022.



Charter Township of Garfield

Grand Traverse County

3848 VETERANS DRIVE TRAVERSE CITY, MICHIGAN 49684 PH: (231) 941-1620 • FAX: (231) 941-1588

SITE CONDOMINIUM SUBDIVISION (SCSP) APPLICATION

ASSISTANCE

This application must be completed in full. An incomplete or improperly prepared application will not be accepted and will result in processing delays. Before submitting an application, it is recommended that you contact the Planning Department to arrange an appointment to discuss your proposed application. Time is often saved by these preliminary discussions. For additional information or assistance in completing this development application, please contact the Planning Department at (231) 941-1620.

contact the Planni	contact the Planning Department at (231) 941-1620.		
ACTION REQUESTED Site Condominium	Subdivision Plan Review		
PROJECT / DEVELOPME	ENT NAME BILMLEY HUS		
APPLICANT INFORMATIO	<u>NC</u>		
Name:	T&RINVESTMENTS		
Address:	841 ASHLAND DRIVE, TC, MI 49696		
Phone Number:	(231) 838 - 6004		
Email:	zakrajseksteve@gmail.com		
AGENT INFORMATION			
Name:	BOYNE ENGINEERING AND DESIGN		
Address:	PO BOX 94, BOYNE CITY, MI 49712		
Phone Number:	(231) 499-8361		
Email:	boyneenge torchlake com		
OWNER INFORMATION			
Name:	T& R		
Address:			
Phone Number:			
Email:			

CONTACT PERSON

Please select one person to be contact person for all correspondence and questions:

Applicant: Agent:	Steve Zakraisek
Agent:	Carne May . P.E.
Owner:	

PROPERTY INFORMATION

Property Address:	
Property Identification Number:	05-026-020-30
Legal Description:	SHET CO.O
Zoning District:	72-1
Master Plan Future Land Use De	esigation:
Area of Property (acres or squar	e feet)

SITE CONDOMINIUM SUBDIVISION PLAN

The site condominium subdivision plan shall indicate specific unit dimensions with front, rear and side site condominium lot lines allocated to each condominium unit. Parcels shall be referred to as site condominium lots. The description, size, location, and arrangement of the site condominium lots shall conform to the requirements of the Zoning Ordinance. All site condominium subdivision lots shall be deeded as limited common elements for the exclusive use of the owners of the condominium subdivision units. Each condominium dwelling unit shall be located within a condominium lot.

- 1. Name of the project, name and address of preparer, and date.
- 2. The plan shall be of a scale not less than one inch (1") equals fifty feet (50'). /
- 3. All plans are to be accurately sealed. <
- 4. Layout and dimensions of all condominium lots.
- 5. Layout and dimensions of all roadways and pedestrian pathways.
- 6. Adequate drainage of surface water, stormwater disposal methods...
- 7. Distribution of telephone, electric, television, and other similar services by underground wire or cable.
- 8. First floor elevation of buildings (if applicable).
- 9. Location of gas lines.
- 10. Location of water lines, and hydrants or other appurtenances.
- 11. Location of sanitary sewer lines including the location and size of the proposed service.
- 12. Location of existing and proposed fencing, landscaping, screening, or other buffers required.
- 13. Location of streetlights and light fixture details.

REQUIRED SUBMITTAL ITEMS

A complete application for a Site Condominium Subdivision Plan consists of the following:

Application Form:

M One original signed application

One digital copy of the application (PDF only)

Application Fee:

Fees are established by resolution of the Garfield Township Board and are set out in the current Fee Schedule as listed on the Planning Department page of the Township website (http://www.garfield-twp.com). Please make check out to Charter Township of Garfield.

🛛 Fee

Site Condominium Subdivision Plan:

Ten complete stapled 11"x17" paper sets

Two complete bound 24"x36" paper sets

One digital set (PDF only)

Digital items to be delivered via email or USB flash drive

SUBMITTAL DEADLINE

Submittal deadlines are listed on the Planning Department page of the Township website (http://www.garfield-twp.com). Please note that the listed dates are the deadlines after which submittals will not be considered for the indicated meeting. Any errors or missing information on an application submitted at the deadline will result in a delay in the processing of the application. An earlier submittal is encouraged to avoid possible delays.

REVIEW PROCEDURE

Subject to the standards of § 429.G of the Zoning Ordinance, a proposed Site Condominium Subdivision shall be reviewed in accordance with § 429.H and generally summarized as follows:

- 1. Agency Submittal: The applicant shall provide copies of the proposed site condominium subdivision plan to the following Grand Traverse County Agencies: Health Department (or Department of Public Works if proposed on municipal water and/or sanitary sewer), Drain Commissioner (or Township designee), Soil Erosion-Sedimentation Control Director (or Township designee), Road Commission (or Michigan Department of Transportation if proposed on a state highway), and the Metro Fire Department.
- 2. Independent Review: An independent engineer or other consultant may be hired, at the applicant's expense, to review the project and make recommendations to the Township.
- 3. Public Hearing: The Planning Commission shall hold a public hearing on the proposed site condominium subdivision plan, for the purpose of reviewing and making a recommendation of approval, approval with conditions, or denial to the Township Board.
- 4. Planning Commission Determination: If the Planning Commission determines that the proposed plan meets all requirements of this ordinance and the Condominium Act, the Planning Commission shall recommend approval or approval with conditions of the site condominium subdivision plan and shall send notice of action taken with comments to the Township Board. If the Planning Commission determines that the site condominium subdivision plan does not meet all requirements, the Planning Commission shall state its reason in its official minutes, shall forward same to the Township Board, and shall recommend disapproval of the plan by the Township Board until the objections causing disapproval have been changed to meet the requirements of this ordinance and the Condominium Act.
- 5. Township Board Determination: The Township Board shall approve the site condominium subdivision plan, with or without conditions, reject the plan and give its reasons, table the proceedings pending further review or pending changes to the plan to make it acceptable to the Board, or refer that application back to the Planning Commission for further review and report.
 SCSP Form Date: August 24, 2021

OTHER INFORMATION

If there is any other information that you think may be useful in the review of this application, please attach it to this application or explain it on a separate page.

PERMISSION TO ENTER SUBJECT PROPERTY

Permission is hereby gra	nted to Garfield Township staff and Planning Commissioners to enter the premises subject to
this application for the pu	urposes of making inspections associated with this application, during normal and reasonable
working hours.	
Owner Signature:	Eto fall
Applicant Signature:	to all
Agent Signature:	
Date:	9-22-22
OWNER'S AUTHORIZA	
If the applicant is not the	e registered owner of the lands that is the subject of this application, the owner(s) must
complete the authorization	on set out below.
	am/are the registered owner(s) of the lands that
•	plication for a site condominium subdivision.
Owner Signature:	
Date:	
I/We	authorize to make this application on my/our behalf
	/our personal information necessary for the processing of this application.
Owner Signature:	
Date:	
AFFIDAVIT	
	that he/she or they is (are) the owner, or authorized agent of the owner, involved in the
=	e information submitted in this application, including any supplemental information, is in all
• •	ct. The undersigned further acknowledges that willful misrepresentation of information will
·	oplication and any permit associated with this document.
tominate the points of	-p
Owner Signature:	410 7041
Date:	9-17/22
Applicant Signature:	CATOMIA

9-12-22

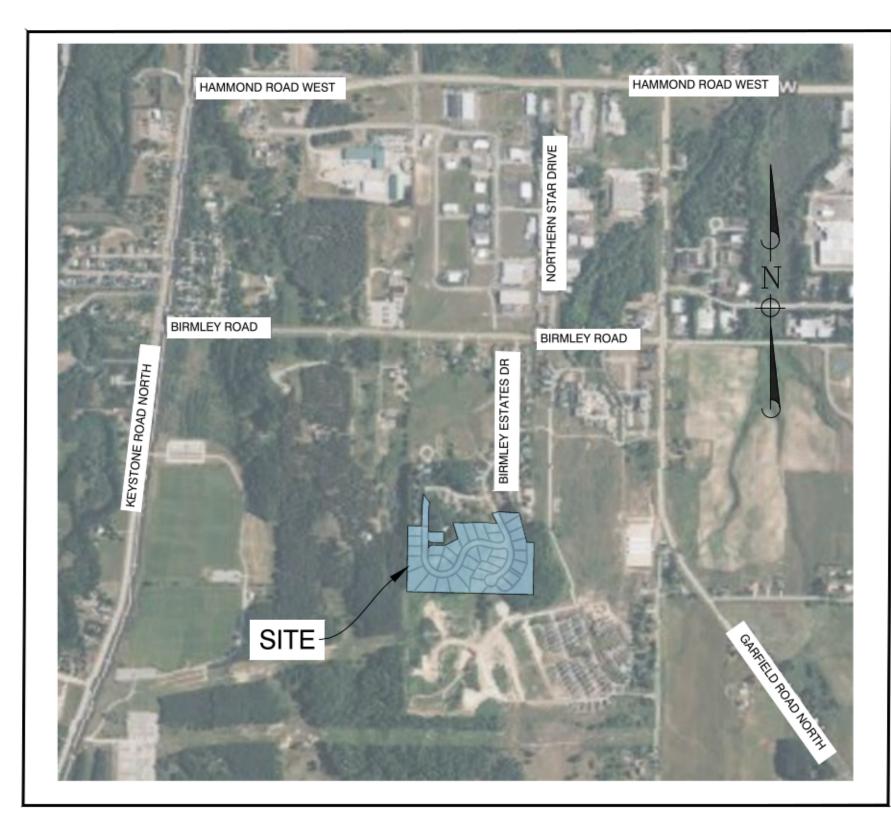
Date:

GENERAL NOTES

- THIS CONSTRUCTION PROJECT SHALL AT ALL TIMES AND IN ALL SITUATIONS PROCEED IN A MANNER CONSISTENT WITH THE REQUIREMENTS OF THE GARFIELD TOWNSHIP ZONING ORDINANCE, PART 91 - SOIL EROSION AND SEDIMENTATION CONTROL OF THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, THE CURRENT GRAND TRAVERSE COUNTY CONSTRUCTION STANDARDS, AND ALL OTHER APPLICABLE RULES, REGULATIONS AND LAWS OF ANY OTHER AUTHORITY WITH JURISDICTION TO GOVERN SUCH CONSTRUCTION. THE CONTRACTOR SHALL KEEP A COPY OF THOSE REQUIREMENTS AND ALL CONSTRUCTION DOCUMENTS RELATED TO THIS PROJECT ON THE PROJECT AT ALL TIME AND REFERENCE SHALL BE MADE TO THEM FOR PROPER MATERIALS, METHODS, ETC. REGARDING CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR SHALL CHECK THESE PLANS AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK ON ANY SEGMENT OF THE PROJECT. IF THE CONTRACTOR HAS ANY QUESTIONS OR SUSPECTS THERE IS AN ERROR OR OMISSION WITHIN THE PLANS OR THE CONSTRUCTION STAKES. HE OR SHE SHALL NOT PROCEED UNTIL THE ENGINEER OR HIS OR HER REPRESENTATIVE HAS BEEN FULLY NOTIFIED, HAS RESPONDED, AND HAS SPECIFICALLY STATED THE CONTRACTOR MAY PROCEED.
- 8. EXISTING PUBLIC UTILITIES AND UNDERGROUND STRUCTURES SUCH AS PIPE LINES, ELECTRIC CONDUITS, SEWER AND WATER ARE IDENTIFIED BY THE BEST KNOWLEDGE OF THE SURVEYOR, HOWEVER, NEITHER THE CORRECTNESS NOR THE COMPLETENESS OF SUCH INFORMATION IS GUARANTEED. PRIOR TO THE START OF ANY WORK ON THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES AND MISS DIG: (800) 482-7171 THE CONTRACTOR SHALL ENSURE THAT THE LOCATIONS OF ALL UTILITIES WITHIN THE VICINITY OF THE PROJECT ARE STAKED AND IDENTIFIED PRIOR TO PROCEEDING WITH WORK IN ANY AREA OF THE PROJECT. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROTECTION OR RELOCATION OF EXISTING UTILITIES AND STRUCTURES AND SHALL SAVE THOSE UTILITIES AND STRUCTURES HARMLESS FROM DAMAGE, WHETHER PUBLICLY OR PRIVATELY OWNED. THE CONTRACTOR SHALL REPAIR, AT HIS OR HER COST, ANY DAMAGE TO THOSE UTILITIES AND STRUCTURES. UTILITY POLES, ANCHORING CABLES AND UTILITY FOUNDATIONS SHALL NOT BE DISTURBED OR UNDERMINED. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY AND PROVIDE PROPER SUPPORT OF SUCH UTILITIES IN THE VICINITY OF THE WORK, AND IF NECESSARY, INSTALL TEMPORARY SHEETING OR TRENCH BOXES TO MINIMIZE EXCAVATION LIMITS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE CAUSED TO THIS OR ADJACENT PROPERTY. AND FOR INJURY TO ANY PERSON, OCCURRING DURING OR AS A RESULT OF THE CONSTRUCTION PROCESS, WHETHER SUCH DAMAGE OR INJURY RESULTS FROM ANY ACTION OR LACK OF ACTION BY PRINCIPALS OF THE COMPANY, EMPLOYEES, SUBCONTRACTORS, OR SUPPLIERS. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS GOVERNING CONSTRUCTION SAFETY. THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL ALL NECESSARY TEMPORARY SAFETY DEVICES, SAFEGUARDS, AND PROTECTIVE EQUIPMENT AND FOLLOW ALL ADVISABLE SAFETY PRACTICES NECESSARY TO PROTECT THE LIFE AND HEALTH OF EMPLOYEES AND THE PUBLIC DURING THE CONSTRUCTION PROCESS. NEITHER THE OWNER OR THE ENGINEER ASSUME ANY LIABILITY FOR MATTERS RELATING TO SAFETY AT THE CONSTRUCTION SITE.
- ANY DAMAGE TO IMPROVEMENTS NOT CAUSED BY THE OWNER, PRIOR TO FINAL PROJECT ACCEPTANCE BY THE ZONING ADMINISTRATOR AND THE OWNER, SHALL BE REPAIRED OR REPLACED AS NECESSARY TO CONFORM WITH THE DESIGN AT THE EXPENSE OF THE CONTRACTOR.
- 6. THE CONTRACTOR SHALL NOTIFY THE GRAND TRAVERSE COUNTY CONSTRUCTION SUPERVISOR 3 DAYS PRIOR TO STARTING WORK AND SHALL FIRST PROVIDE ALL NECESSARY NOTICES, OBTAIN ALL REQUIRED PERMITS AND PAY ALL FEES ASSOCIATED WITH SUCCESSFULLY COMPLETING THE CONSTRUCTION PROCESS, INCLUDING ALL PUBLIC
- 7. ALL STUMPS, LARGE ROCKS, CONCRETE, SCRAP MATERIALS, TRASH AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 8. DURING CONSTRUCTION EXPOSE THE MINIMUM AREA OF SOIL FOR THE MINIMUM TIME POSSIBLE. SEE SOIL EROSION AND STORMWATER CONTROL NOTES.
- 9. THROUGH TRAFFIC ON ADJACENT ROADWAYS SHALL NOT BE INTERRUPTED WITHOUT EXPLICIT PERMISSION FROM, AND COORDINATION WITH THE GRAND TRAVERSE COUNTY ROAD COMMISSION. ALL WORK WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE COUNTY ROAD COMMISSION CONSTRUCTION SPECIFICATIONS AND PERMIT REQUIREMENTS. PAVEMENT CUTS ARE TO BE MADE WITH A SAW, IMMEDIATELY
- 10. ALL WORK IS TO BE PERFORMED WITHIN THE PROPERTY, WITHIN THE PUBLIC RIGHT-OF-WAY, OR WITHIN ESTABLISHED EASEMENTS. ALL WORK WITHIN EASEMENTS SHALL BE COORDINATED WITH THE EASEMENT HOLDER AND BE IN ACCORDANCE WITH THE LIMITATIONS AND RESTRICTIONS OF THOSE EASEMENTS. ANY WORK OUTSIDE OF THESE LIMITS SHALL BE COORDINATED AND APPROVED BY THE PROPERTY OWNER AFFECTED. DOCUMENTATION OF THIS ARRANGEMENT SHALL BE PROVIDED TO THE ZONING AUTHORITY. ANY DISRUPTION CAUSED TO ADJACENT PROPERTIES OR TO THE PUBLIC RIGHT-OF WAY SHALL BE PROPERLY RESTORED INCLUDING LAWNS, SIDEWALKS, DRIVEWAYS, PLANTINGS, SIGNS, MAILBOXES, ETC., AT NO ADDITIONAL COST TO THE OWNER.
- 11. THE CONTRACTOR SHALL PROVIDE ADEQUATE ON-SITE SUPERVISION OF THE WORK AT ALL TIMES DURING THE CONSTRUCTION PROCESS. THERE SHALL BE ONE DESIGNATED ON-SITE SUPERVISOR AVAILABLE WHENEVER CONSTRUCTION IS UNDERWAY WHO HAS THE AUTHORITY TO ACT ON BEHALF OF THE CONTRACTOR.
- ** ALL ELEVATIONS ARE BASED ON: NAVD 88 DATUM REFERENCED TO THE TRAVERSE CITY CORS

PLANS FOR: **BIRMLEY HILLS** SITE CONDOMINIUM

PART OF SECTION 26, TOWNSHIP 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY MICHIGAN



LOCATION MAP NOT TO SCALE

PUBLIC AUTHORITIES

GARFIELD TOWNSHIP 3848 VETERANS DRIVE TRAVERSE CITY, MI 49684 Telephone: (231) 941-1620

GRAND TRAVERSE COUNTY D.P.W. 2650 LAFRANIER ROAD TRAVERSE CITY, MI 49686 Telephone: (231) 995-6039

Telephone: (231) 922.4848

TRAVERSE CITY, MI 49686

GRAND TRAVERSE COUNTY ROAD COMMISSION 1881 LAFRANIER ROAD TRAVERSE CITY, MI 49684

GRAND TRAVERSE COUNTY DRAIN COMMISSIONER 2650 LAFRANIER ROAD

Telephone: (231) 922.4807 GRAND TRAVERSE COUNTY SOIL EROSION & SEDIMENTATION CONTROL

2650 LAFRANIER ROAD TRAVERSE CITY, MI 49686 Telephone: (231) 995-6051

GRAND TRAVERSE COUNTY ENVIRONMENTAL HEALTH DEPARTMENT 2650 LAFRANIER ROAD

TRAVERSE CITY, MI Telephone: (231) 995-6051

EGLE - CADILLAC 120 W CHAPIN STREET CADILLAC, MI 49601 Telephone: (231) 775-3960

UTILITY AGENCIES

CONSUMERS ENERGY ELECTRIC Telephone: (231) 929-6242

DTE ENERGY NATURAL GAS Telephone: (231) 932-2823

CHARTER COMMUNICATIONS CABLE Telephone: (231) 929-7012

AT&T MICHIGAN TELEPHONE Telephone: (231) 941-2707

EMERGENCY SERVICES

EMERGENCY CALLS

AMBULANCE SERVICE / POLICE / FIRE: 911

GRAND TRAVERSE METRO FIRE DEPARTMENT: 231.947-3000

GRAND TRAVERSE COUNTY SHERIFF: 231,995-5000

MISS DIG: 1.800.482.7171



LEGAL DESCRIPTION

PREPARED FOR STEVE ZAKRAJSAK

Total Parcel

Part of Section 26, Town 27 North, Range 11 West, Garfield Township, Grand Traverse County, Michigan more fully described as follows:

Beginning at the South one-quarter corner of said Section 26; thence South 88°39'03" East, 1311.74 feet,

along the South line of said Section 26 thence North 00°51'35" East, 540.00 feet.

along the East one-eighth line of said Section 26

thence North 88°39'03" West, 75.00 feet. thence North 14°19'07" West, 314.48 feet

thence North 86°49'30" West, 214,48 feet,

thence South 75°27'05" West, 67.51 feet.

thence South 26°40'38" East, 116.61 feet. thence North 85°43'06" West, 150.00 feet,

thence South 88°12'40" West, 104.89 feet.

thence South 88°46'29" West, 105.00 feet. thence North 88°25'45" West, 100.00 feet.

thence South 16°38'02" East, 174.39 feet. thence South 62°47'48" West, 149.46 feet.

thence North 89°15' 43" West, 132.95 feet. thence Southwesterly, 76.79 feet, along said centerline on the arc of a 40.00 foot radius curve to the left, the central angle of which is 109°59'41" and the long chord of which

bears South 35°44'33" West, 65.53 feet,

thence Northwesterly, 54.78 feet, along said centerline on the arc of a 157.00 foot radius curve to the right, the central angle of which is 19°59'26" and the long chord of which

bears North 09°15'27" West, 54.50 feet,

thence North 00°44'17" East, 70.00 feet. thence Southeasterly, 62.83 feet, along said centerline on the arc of a 40.00 foot radius curve to the left,

the central angle of which is 90°00'11" and the long chord of which bears South 44°15'43" East, 56.57 feet,

thence South 89°15'43" East, 119.98 feet

thence North 00°44'17" East, 107.92 feet.

thence North 89°15'43" West, 159.99 feet.

thence North 00°44'17" East, 182.33 feet. thence Northeasterly, 126.78 feet, along said centerline on the arc of a 1233.86 foot radius curve to the right, the central angle of which is 05°53'13" and the long chord of which

bears North 03°40'54" East, 126.72 feet, thence North 36°27'22" West, 93.98 feet.

thence Southwesterly, 202.23 feet, along said centerline on the arc of a 1299.86 foot radius curve to the left, the central angle of which is 08°54'51" and the long chord of which

bears South 05°11'42" West, 202.03 feet, thence South 00°44'17" West, 122.58 feet

> thence North 89°15'43" West, 145.00 feet. thence South 00°44'17" West, 682.00 feet.

along the North-South one-quarter line of said Section 26;

to the POINT OF BEGINNING of said Parcel.

Said described parcel contains 400,463.21 square feet (9.19 acres), more or less.

subject to any and all easements, reservations, restrictions and conveyances of record.

INDEX OF DRAWINGS:

C0.0 COVER

C1.0 **EXISTING CONDITIONS SURVEY**

C2.0 OVERALL SITE ARRANGEMENT PLAN

OVERALL SITE GRADING AND DRAINAGE

C2.1 PLAN

C3.0 SITE UTILITY PLAN

C4.0 BIRMLEY HILL DRIVE PLAN AND PROFILE

C4.1 FARMINGTON COURT PLAN AND PROFILE

C5.0 CROSS SECTIONS

C6.0 SITE DETAILS

UTILITY DETAILS C6.1 *(BY GRAND TRAVERSE COUNTY DPW)

OWNER / APPLICANT

T&R INVESTMENTS 841 ASHLAND DRIVE TRAVERSE CITY, MI 49696

STEVE ZAKRAJSEK (231) 838-6004

ENGINEER

BOYNE ENGINEERING AND DESIGN PO BOX 94 BOYNE CITY, MI 49712 CONTACT CARRIE MAY, P.E. PRINCIPAL ENGINEER PHONE: (231) 499-8361

SURVEYOR

GOURDIE-FRASER 123 W FRONT ST TRAVERSE CITY, MI 49684 PHONE: (231) 946-5874



PLAN APPROVAL

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED AND APPROVED BY THE GARFIELD TOWNSHIP WITH THE EXCEPTIONS, CONDITIONS AND MODIFICATIONS INDICATED BY ME ON THIS PLAN SET

GARFIELD TOWNSHIP PLANNER OR ZONING ADMINISTRATOR

BOYNE ENGINEERING AND DESIGN P.O. Box 94 Boyne City, MI 49727

(231) 499-8361 boyneengineering.com

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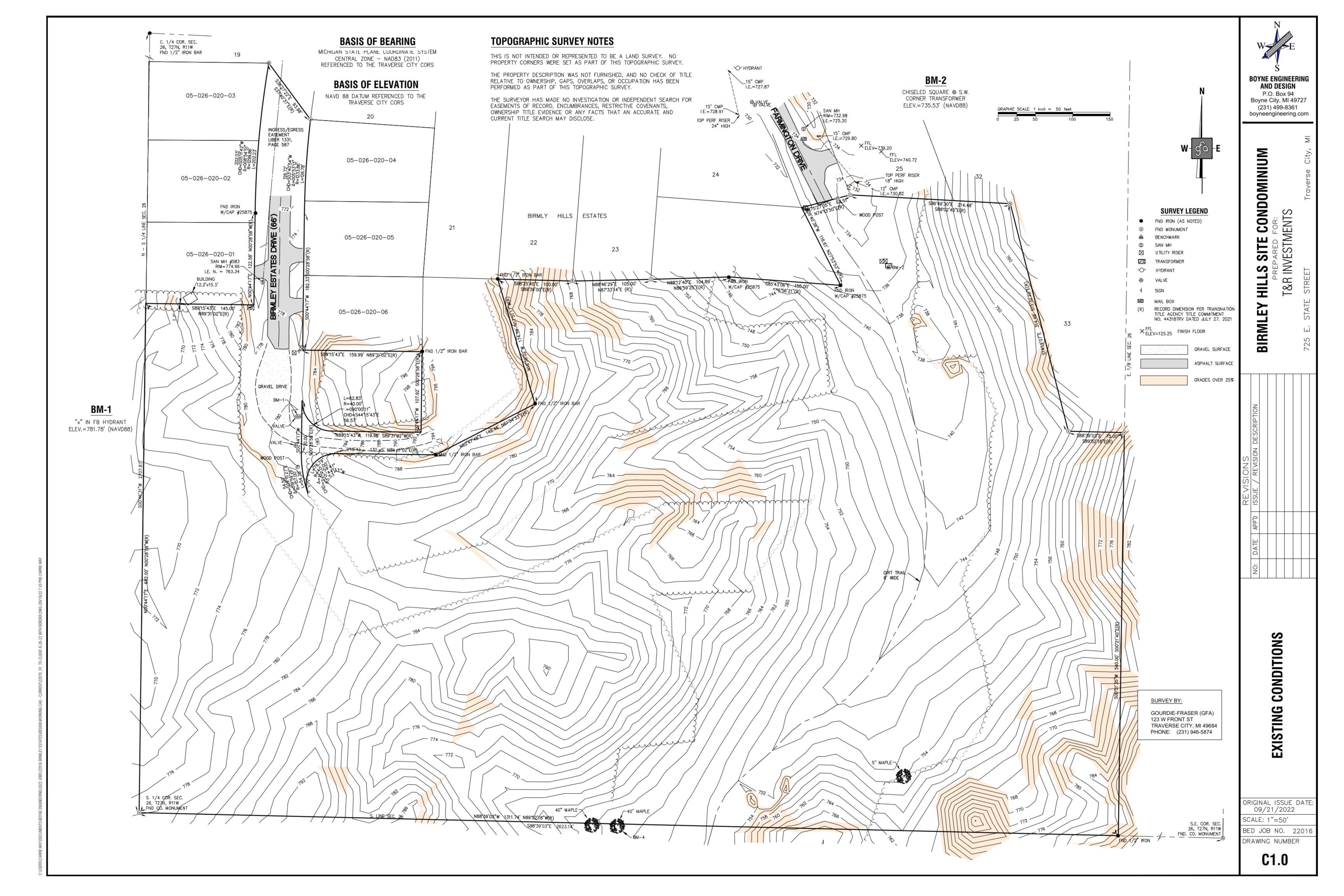
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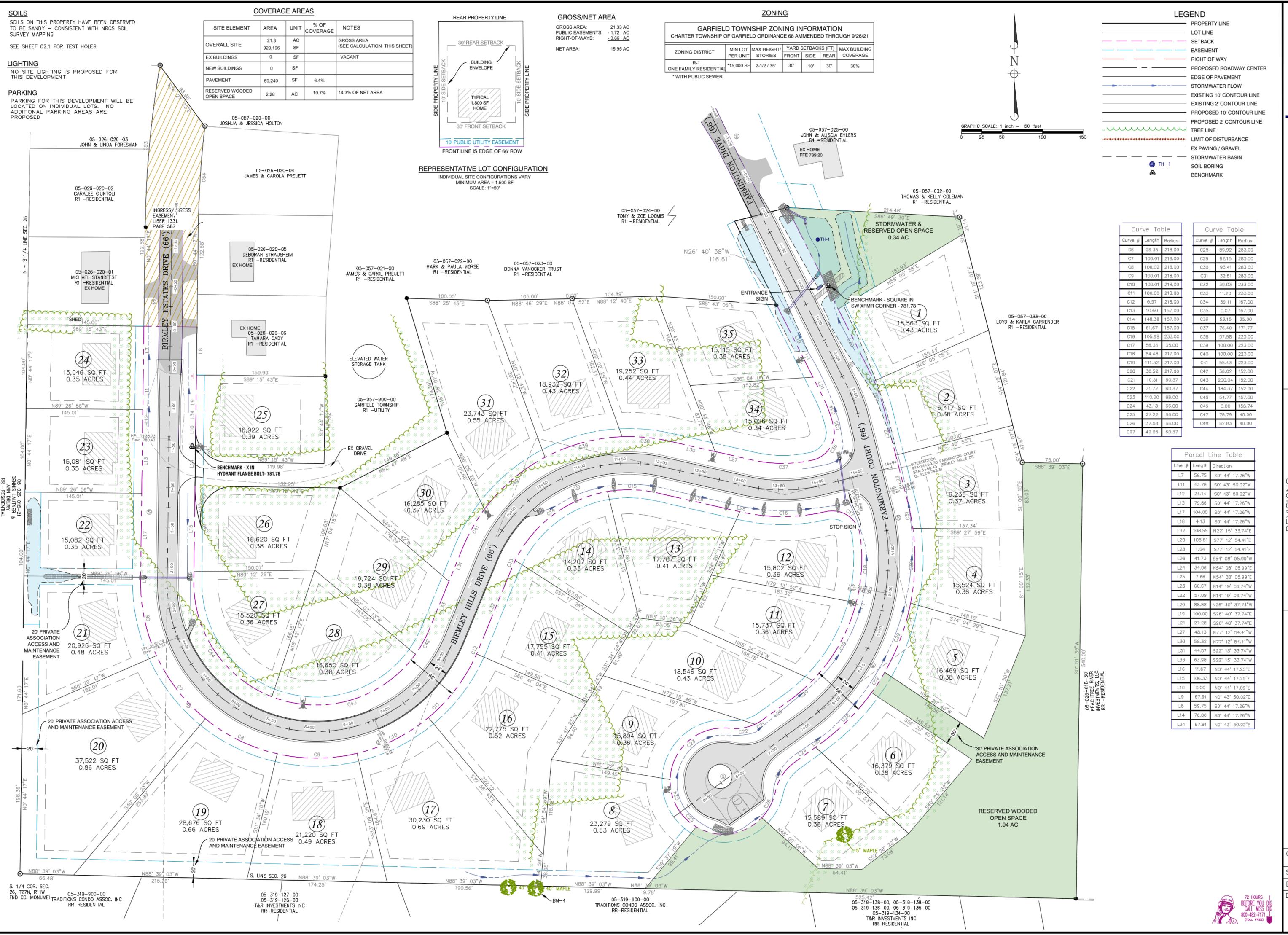
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BOYNE ENGINEERING AND DESIGN P.O. Box 94 Boyne City, MI 49727 (231) 499-8361 boyneengineering.com

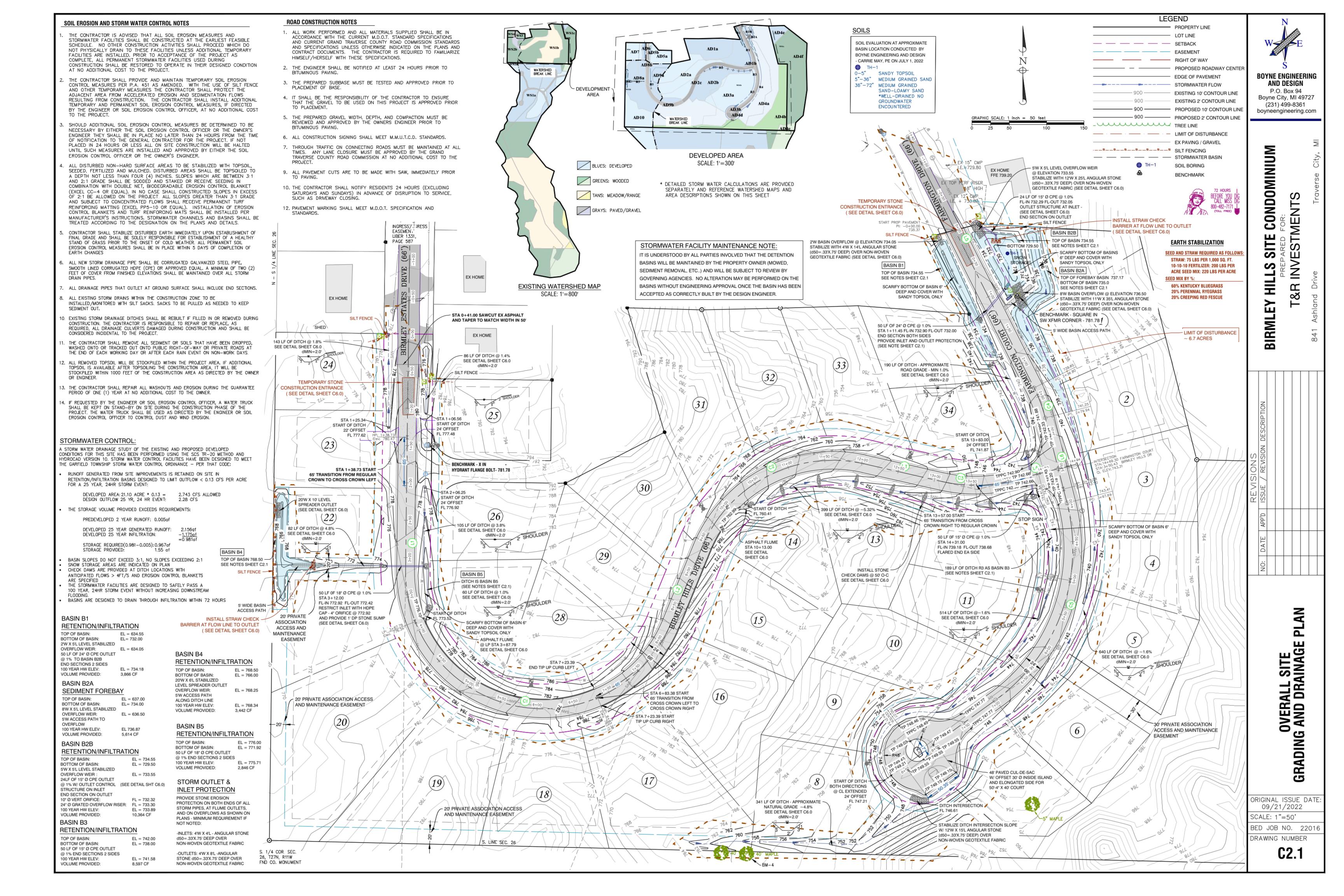
CONDOMINIUM

STMEN SITE \geq S 불 BIRMLEY

OVERALL SITE Arrangement Plan

ORIGINAL ISSUE DATE 09/21/2022 SCALE: 1"=50' BED JOB NO. 22016

DRAWING NUMBER **C2.0**



WATERMAIN NOTES

- ALL CONSTRUCTION MATERIALS AND PROCEDURES MUST CONFORM WITH CURRENT DPW STANDARDS, SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO THE START OF CONSTRUCTION OF THE WATER MAIN. CONTRACTOR SHALL ISSUE A WORK SCHEDULE TO THE ENGINEER PRIOR TO THE START OF WATER MAIN CONSTRUCTION.
- ALL WATER MAIN SHALL BE DR 14 C900 PVC MEETING CURRENT AWWA STANDARDS.
- 4. WATER MAIN SHALL HAVE A MINIMUM OF SIX (6) FEET OF COVER BELOW EXISTING OR PROPOSED GRADE, UNLESS NOTED OTHERWISE
- 5. THE ALIGNMENT OF THE PROPOSED WATER MAIN IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR MAY DEVIATE/DEFLECT AS NECESSARY TO AVOID CONFLICTS FOR EASIER CONSTRUCTION. COST FOR ADDITIONAL PIPE, FITTINGS, ETC. ARE INCLUDED IN THE COST OF THE PROJECT.
- 6. LENGTH OF WATER MAIN SHALL BE DETERMINED ON A CASE BY CASE BASIS IN ORDER TO CONSTRUCT ACCORDING TO THE PLANS AND SPECIFICATIONS. COSTS FOR THE MAIN ARE INCLUDED IN THE COSTS OF THE PROJECT.
- 7. RETAINER GLANDS SHALL BE USED ON ALL MECHANICAL JOINT
- BURLAP, PLASTIC OR POLY (20 MILLS) OR APPROVED EQUAL SHALL BE PLACED BETWEEN THE CONCRETE THRUST BLOCK AND DEAD-END MAINS OR DEAD-END PLUGS, TEES, HYDRANTS AND CROSSES TO FACILITATE THE REMOVAL OF THE THRUST BLOCK FOR FUTURE EXTENSION AND MAINTENANCE.
- 9. A PHYSICAL GAP SHALL BE MAINTAINED BETWEEN THE PROPOSED WATER MAIN AND THE EXISTING WATER MAIN UNTIL ALL WATER MAIN TESTING HAS BEEN COMPLETED AND APPROVED BY THE ENGINEER AND THE DPW.
- 10. THE CONTRACTOR SHALL COORDINATE THE CONNECTION TO THE EXISTING WATER MAIN WITH THE DPW AND THE ENGINEER. THE DPW SHALL BE GIVEN A MINIMUM OF 24 HOURS NOTICE PRIOR TO ANY
- 11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN WATER FOR FLUSHING AND TESTING PURPOSES. CONTRACTOR SHALL COORDINATE WITH THE DPW, IF WATER IS OBTAINED FROM THE CITY/VILLAGE/TOWNSHIP WATER SYSTEM, THE DPW SHALL BE GIVEN 24 HOURS NOTICE PRIOR TO USING ANY WATER FROM THE TOWNSHIP WATER SYSTEM.
- 12. TO FACILITATE WATER SAMPLING, THE CONTRACTOR MAY INSTALL TWO (2) INCH CORPORATION STOPS AND TYPE K COPPER TUBE FROM THE TWO (2) INCH CORPORATION TO APPROXIMATELY FOUR (4) FEET ABOVE THE FINISH GRADE IN LOCATIONS APPROVED BY THE FIELD ENGINEER. AFTER THE WATER MAIN HAS BEEN FLUSHED AND SATISFACTORY BACTERIOLOGICAL ANALYSIS TESTS HAVE PASSED, THE TYPE 'K' COPPER TUBE SHALL BE REMOVED AND THE TWO (2) INCH CORPORATION WILL BE CLOSED. CONTRACTOR WILL INFORM THE FIELD REPRESENTATIVE/CONSTRUCTION REPRESENTATIVE TO ALLOW HIM TO WITNESS THE REMOVING OF THE COPPER TUBING AND THE CLOSING OF THE CORPORATION.
- 13. PRIOR TO PIGGING AND FLUSHING ALL LINES SHALL BE CHARGED WITH WATER.
- 14. ALL PERMANENT BLOW-OFF ASSEMBLIES SHALL BE CUT OFF BELOW GRADE AFTER TESTING IS COMPLETE. THE STANDING WATER WITHIN THE BLOW-OFF SHALL BE PUMPED OUT OF THE RISER CAPPED, BOLTED AND BURIED.
- 15. CONTRACTOR SHALL PROPERLY DISPOSE OF CHLORINATED WATER USED IN TESTING OPERATIONS.
- 16. ACTUAL WATER MAIN, HYDRANT AND GATE VALVE LOCATIONS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE FIRE HYDRANTS AND VALVE BOXES TO THE FINISHED GRADE.
- 18. THE CONTRACTOR MUST OBTAIN APPROVAL BEFORE DIRECTING ANY FLUSHING AND TESTING WATERS TO ANY COUNTY STORM WATER DRAINAGE DITCH SYSTEM. CONTRACTOR SHALL PROTECT THE DITCH FROM EROSION WHICH MAY REQUIRE THE USE AN ENERGY DISSIPATER ON THE DISCHARGE OF THE FLUSHING VALVE. ALL FLUSHING WATERS SHALL BE CONTAINED WITHIN THE DITCH AND SHALL NOT IMPACT THE ROADWAY OR ADJACENT LANDOWNERS. IF NOT APPROVED, AN ALTERNATE METHOD MUST BE DETERMINED AND APPROVED. ALL COSTS ASSOCIATED WITH FLUSHING, TESTING, AND DISCHARGING ARE INCLUDED IN THE COST OF THE PROJECT.
- 19. WATER SERVICE LEADS SHOWN ARE FOR REFERENCE ONLY. ACTUAL LOCATIONS SHALL BE DETERMINED BY THE DPW AND ENGINEER PRIOR TO PLACEMENT, IF APPLICABLE.
- 20. CONTRACTOR MUST MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET FROM ALL SANITARY SEWER AND STORM SEWER WHEN INSTALLING THE WATER MAIN, AS MEASURED FROM OUTSIDE TO OUTSIDE.
- 21. CONTRACTOR MUST MAINTAIN A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18) INCHES AT ALL SANITARY SEWER AND STORM SEWER CROSSINGS WHEN INSTALLING THE WATER MAIN, AS MEASURED FROM OUTSIDE TO OUTSIDE.
- 22. IT WILL BE REQUIRED THAT THE CONTRACTOR INSTALL ALL NEW WATER MAIN BELOW EXISTING WATER MAIN WHEN A CROSSING IS ENCOUNTERED. MAINTAIN A MINIMUM SIX (6) INCH SEPARATION FROM EXISTING WATER MAIN WITH PROPER BACKFILL/COMPACTION.
- 23. FIRE HYDRANT ASSEMBLY SHALL CONSIST OF:
- 1-8"X6" TEE OR 1-8"X6" REDUCER 1-6" GATE VALVE 1-FIRE HYDRANT
- 24. CONTRACTOR TO MAINTAIN WATER SERVICE TO CUSTOMERS AT ALL TIME WITH THE EXCEPTION OF LEAD TRANSFERS, IF APPLICABLE.
- 25. CONTRACTOR TO PROTECT EXISTING WATER MAIN AND SERVICES DURING THE INSTALLATION OF THE PROPOSED WATER MAIN, IF EXISTING WATER MAIN IS DAMAGED, CONTRACTOR IS TO REPAIR TO MAINTAIN SERVICE TO RESIDENCE. ALL COST FOR THIS ARE INCLUDED IN THE COST OF THE PROJECT.
- 26. ALL OPERATIONS OF EXISTING EQUIPMENT, VALVES, ETC. TO BE PERFORMED BY THE DPW STAFF ONLY.
- 27. CONTRACTOR TO SUBMIT A CONSTRUCTION SCHEDULE AND SEQUENCE FOR APPROVAL PRIOR TO PERFORMING ANY WORK.

SANITARY SEWER/FORCE MAIN NOTES

- 1. ALL CONSTRUCTION MATERIALS AND PROCEDURES MUST CONFORM WITH CURRENT DPW STANDARDS, SPECIFICATIONS AND DETAILS.
- 2. ALL SANITARY SEWER SHALL BE SDR-35 PVC UNLESS DEEPER THAN 16 FT. SANITARY SEWER DEEPER THAN 16 FT SHALL BE SDR-26 AND MEET THE ASTM D 3034 REQUIREMENTS UNLESS OTHERWISE NOTED.
- 3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO THE START OF CONSTRUCTION OF THE SANITARY SEWER. CONTRACTOR SHALL ISSUE A WORK SCHEDULE TO THE ENGINEER PRIOR TO THE START OF SANITARY SEWER CONSTRUCTION.
- 4. NO CONNECTION RECEIVING STORM WATER OR GROUND WATER SHALL BE MADE TO SANITARY SEWERS.
- 5. NO CONNECTION TO THE EXISTING SANITARY SEWER SHALL BE MADE UNTIL THE NEW SEWER HAS BEEN INSTALLED, TESTED, INSPECTED, AND APPROVED BY THE ENGINEER AND THE DPW.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE MANHOLE RIMS TO THE FINISH GRADE ELEVATIONS. THE ELEVATIONS SHOWN ARE BASED UPON PLAN GRADES AND
- 7. THE ALIGNMENT OF THE PROPOSED SANITARY SEWER/FORCE MAIN IS SHOWN FOR REFERENCE ONLY. CONTRACTOR MAY DEVIATE/DEFLECT AS NECESSARY TO AVOID CONFLICTS FOR EASIER CONSTRUCTION. COSTS FOR ADDITIONAL PIPING, FITTINGS, ETC. SHALL BE INCLUDED IN THE COST OF THE PROJECT.
- 8. CONTRACTOR MUST MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET FROM ALL WATER MAIN WHEN INSTALLING THE SANITARY SEWER/FORCE MAIN, AS

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20' PRIVATE

ASSOCIATION

ACCESS AND

MAINTENANCE EASEMENT

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SUMP: 767.967

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SUMP: 763.44

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PAGE 587

EX HOME

EX HOME

EX HYDRANT ASSEMBLY W/ 246

8" GATE VALVE

EX 8" GATE VALVE & BOX 281

CONTRACTOR TO VERIFY

↓ AT TIE-IN LOCATION

8" 45" BEND

MEASURED FROM OUTSIDE TO OUTSIDE.

- 9. CONTRACTOR MUST MAINTAIN A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18) INCHES AT ALL WATER MAIN CROSSINGS WHEN INSTALLING THE SANITARY SEWER/FORCEMAIN, AS MEASURED FROM OUTSIDE TO OUTSIDE.
- 10. CONTRACTOR SHALL MAINTAIN A MINIMUM FIVE (5) FEET OF COVER OVER GRAVITY SANITARY SEWER AND SIX (6) FEET OF COVER OVER FORCE MAIN.
- 11. IF THE CONTRACTOR CREATES HIGH POINTS IN THE FORCE MAIN DUE TO CONSTRUCTION METHODS, THE CONTRACTOR IS TO INSTALL ADDITIONAL AIR RELEASE STRUCTURES, AS PER SPECIFICATIONS, AT NO ADDITIONAL COST TO THE PROJECT.
- 12. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING SANITARY SEWER/FORCE MAIN PRIOR TO MAKING ANY CONNECTIONS.
- 13. CONTRACTOR SHALL MAINTAIN SEWER FLOWS AT ALL TIMES. PUMPING AND HAULING MAY BE REQUIRED TO TRANSFER FLOWS TO NEW LIFT STATION DURING CONNECTION TO EXISTING SANITARY SEWER/FORCE MAIN. STATION EXPERIENCES PEAK HOUR FLOWS UP TO XXX GPM AND EXISTING WET WELL HAS AVAILABLE HOLDING CAPACITY OF XXXX GALLONS, CONTRACTOR MUST VERIFY RATES. ALL COSTS FOR HAULING/TRANSFERING FLOWS ARE TO BE INCLUDED IN THE COST OF THE PROJECT.
- 14. CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ANY BY-PASS PUMPING AT NO ADDITIONAL COST TO PROJECT. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR HAVING A BACKUP METHOD IN THE EVENT THE PRIMARY BY-PASS PUMPING METHOD FAILS.
- 15. ALL WORK TO BE COORDINATED WITH THE DPW AND ENGINEER.
- 16. CONTRACTOR TO SUBMIT A CONSTRUCTION SCHEDULE AND SEQUENCE FOR APPROVAL PRIOR TO PERFORMING ANY WORK.

ALL NEW UTILITIES SHALL BE UNDERGROUND

LOCATIONS OF ELECTRIC, GAS, ETC. TO BE COORDINATED WITH THE UTILITY AGENCIES

SUBSEQUENT TO APPROVAL OF UTILITIES

(31)

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8" GATE VALVE

3" 45" BEND

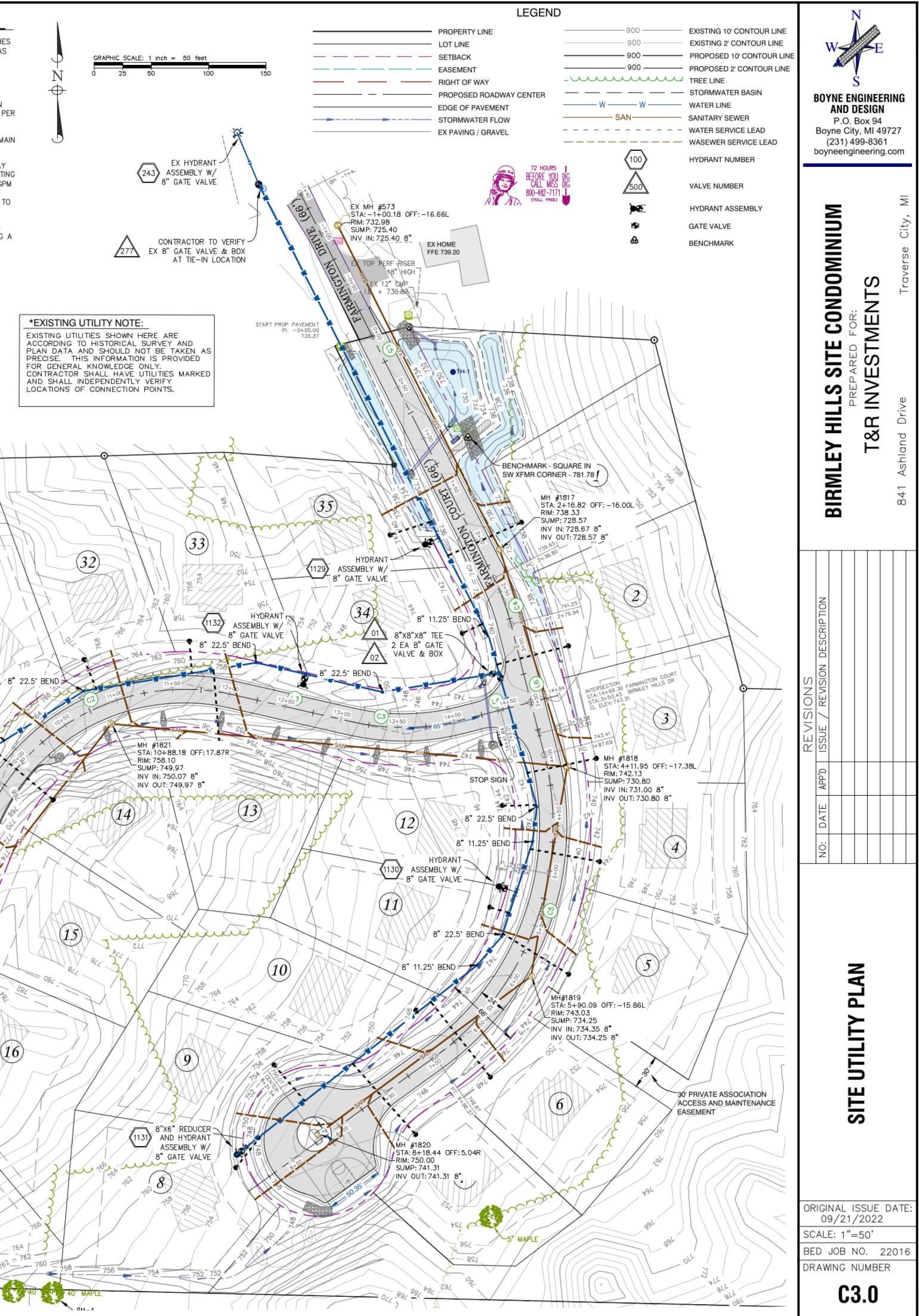
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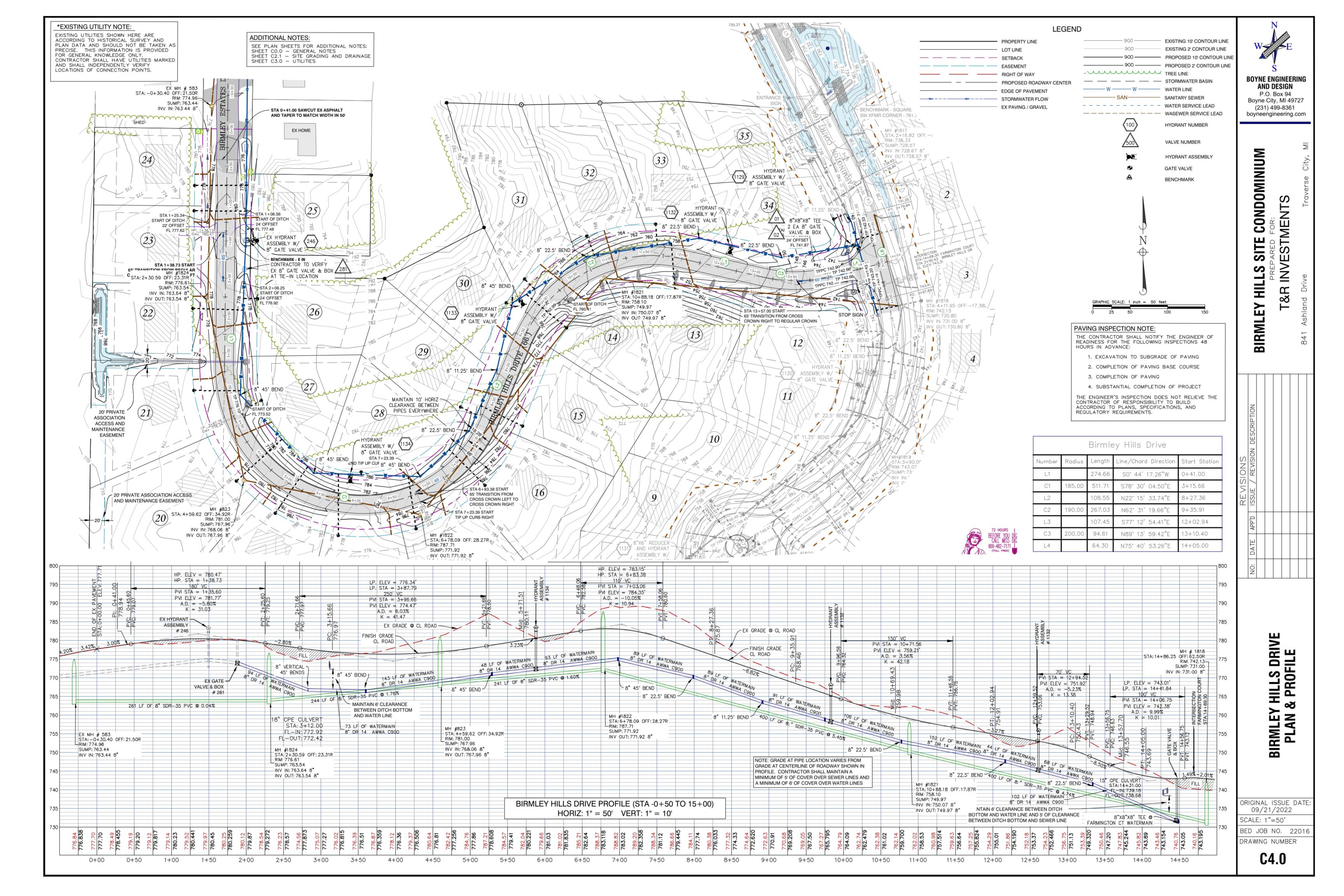
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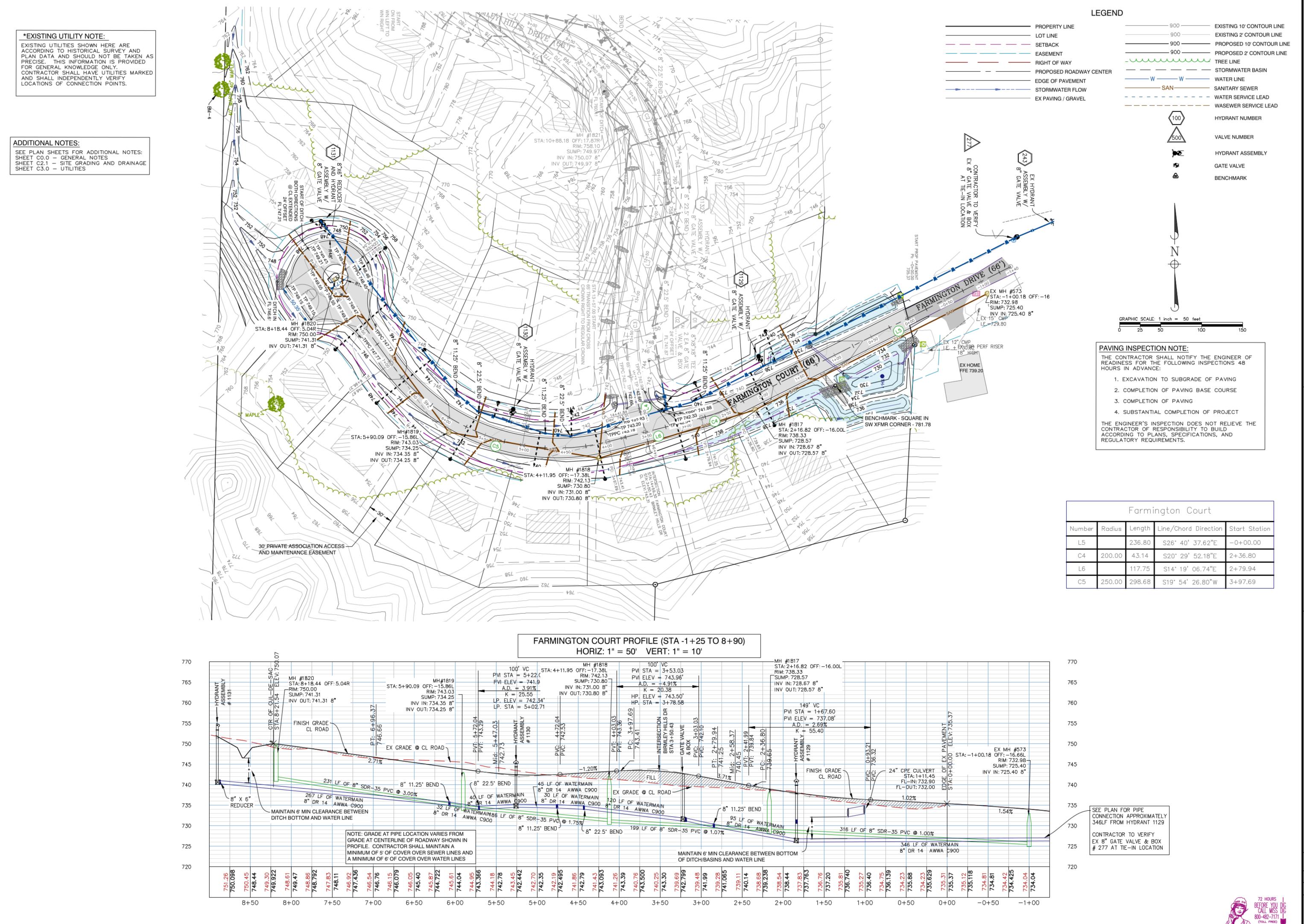
PIPES EVERYWHERE 📈

AND LOCATIONS TO BE DETERMINED

OTHER UTILITIES









BOYNE ENGINEERING AND DESIGN P.O. Box 94

P.O. Box 94
Boyne City, MI 49727
(231) 499-8361
boyneengineering.com

ngineering.com

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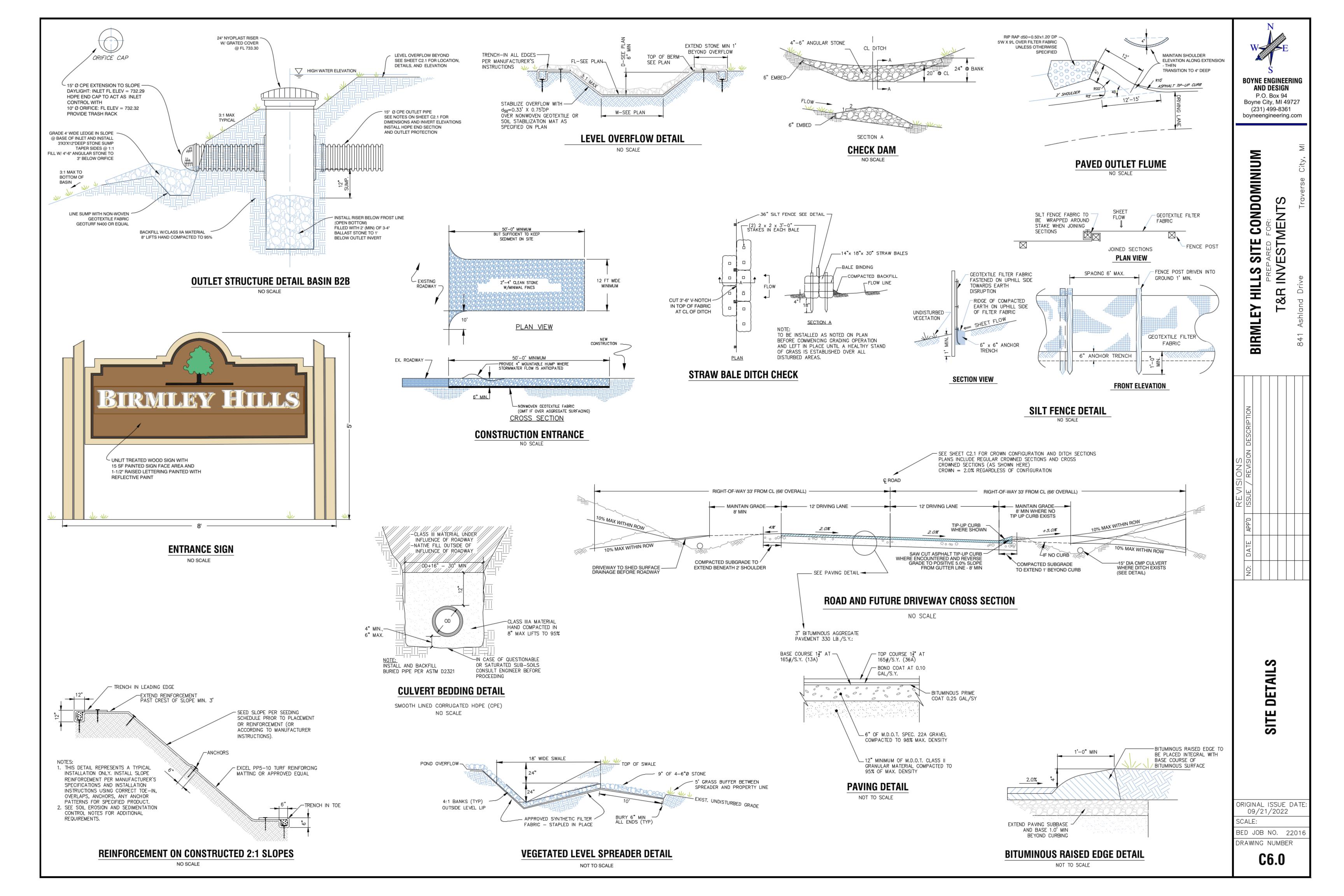
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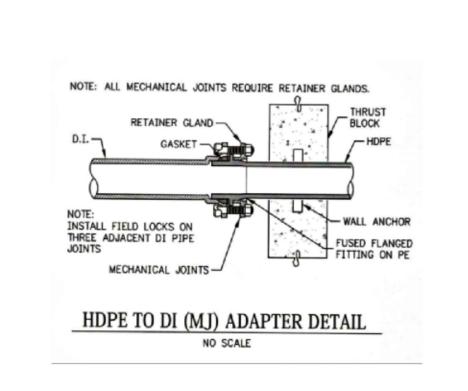
FARMINGTON COURT PLAN & PROFILE

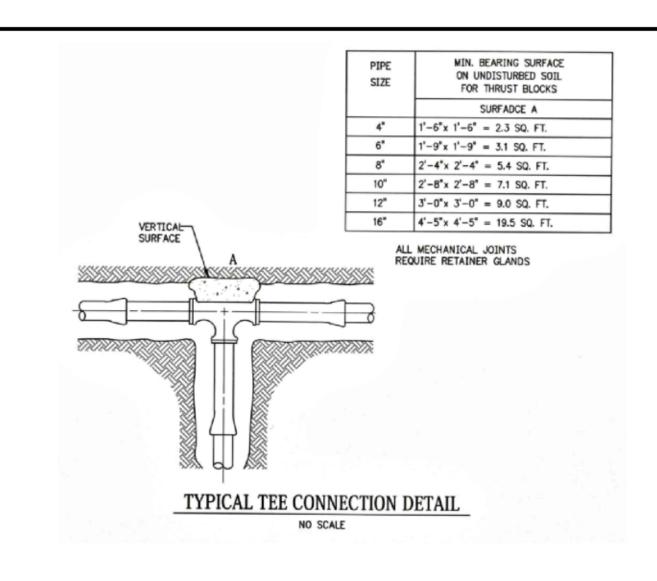
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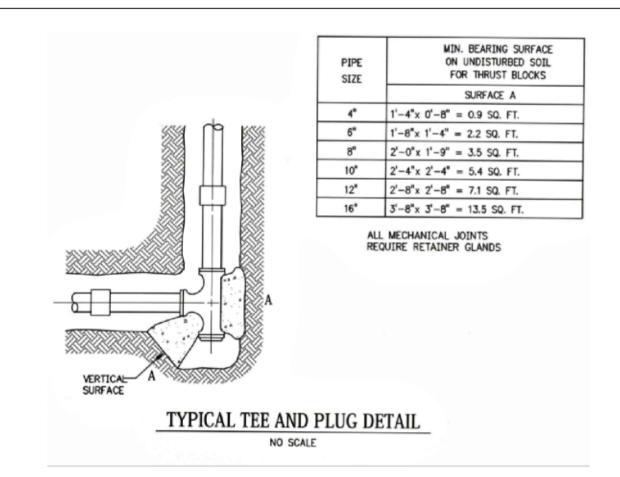
BED JOB NO. 22016 DRAWING NUMBER

C4.1





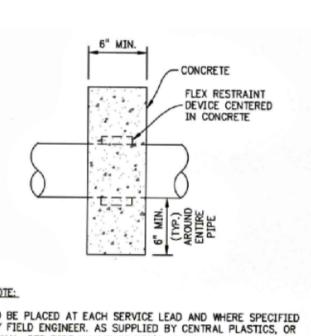




	DEGREE OF BEND IN ELBOW	PIPE SIZE	MIN. BEARING SURFACE ON UNDISTURBED SOIL FOR THRUST BLOCKS
			SURFACE A
	45°	4"	1'-4"x 1'-0" = 1.3 SQ. FT.
	45°	6"	1'-8"x 1'-4" = 2.2 SQ. FT.
	45°	8"	2'-0"x 2'-0" = 4.0 SQ. FT.
	45°	10"	2'-4"x 2'-4" = 5.4 SQ. FT.
	45°	12"	2'-8"x 2'-8" = 7.1 SQ. FT.
	45°	16"	3'-8"x 3'-8" = 13.5 SQ. FT.
	22.5° OR 11.25°	4"	1'-0"x 0'-8" = 0.7 SQ. FT.
	22.5° OR 11.25°	6"	1'-4"x 1'-0" = 1.3 SQ. FT.
	22.5° OR 11.25°	8"	1'-8"x 1'-4" = 2.2 SQ. FT.
ALL MECHANICAL JOINTS	22.5° OR 11.25°	10"	1'-8"x 1'-8" = 2.8 SQ. FT.
REQUIRE RETAINER	22.5° OR 11.25°	12"	1'-10"x 1'-10" = 3.4 SQ. FT.
GLANDS	22.5° OR 11.25°	16"	$2'-8" \times 2'-8" = 7.1$ SQ. FT.
VERTICA	L SURFACE A		
NOTE: IF THE DISTANCE BETWEEN THESE TWO FITTINGS IS 7 FEET OR LESS TIE BOLTS AND 3/4" CORTEN RODS MUST BE UTILIZED			
VERTICAL SURFACE			

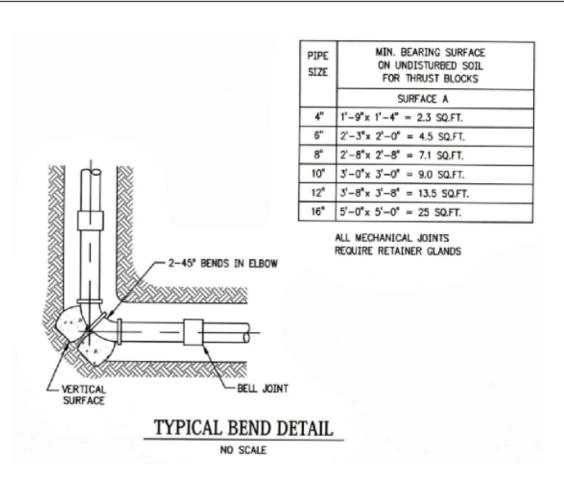
TYPICAL OFFSET DETAIL

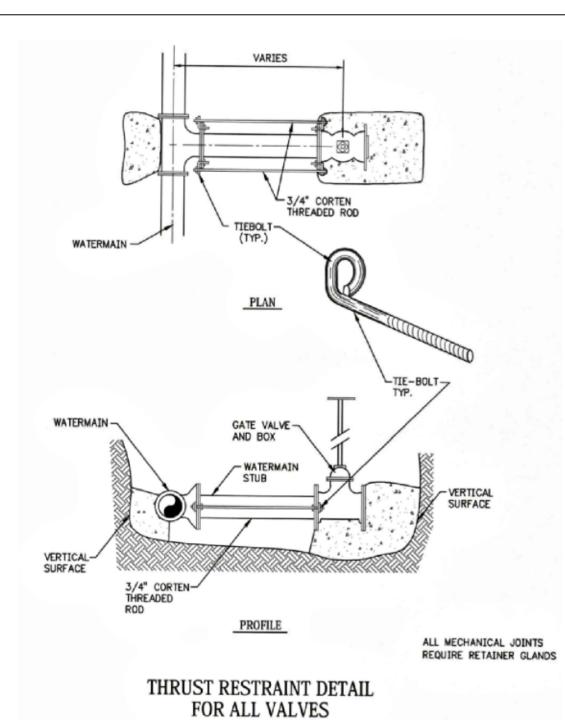
NO SCALE

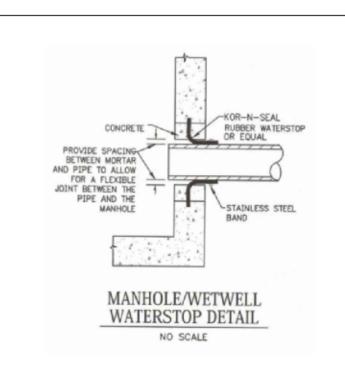


TO BE PLACED AT EACH SERVICE LEAD AND WHERE SPECIFIED BY FIELD ENGINEER. AS SUPPLIED BY CENTRAL PLASTICS, OR EQUAL, PER PIPE MANUFACTURER'S SPECIFICATIONS.

SERVICE LEAD THRUST RESTRAINT DETAIL (APPLICABLE FOR HDPE/PVC WATERMAIN DNLY) NO SCALE

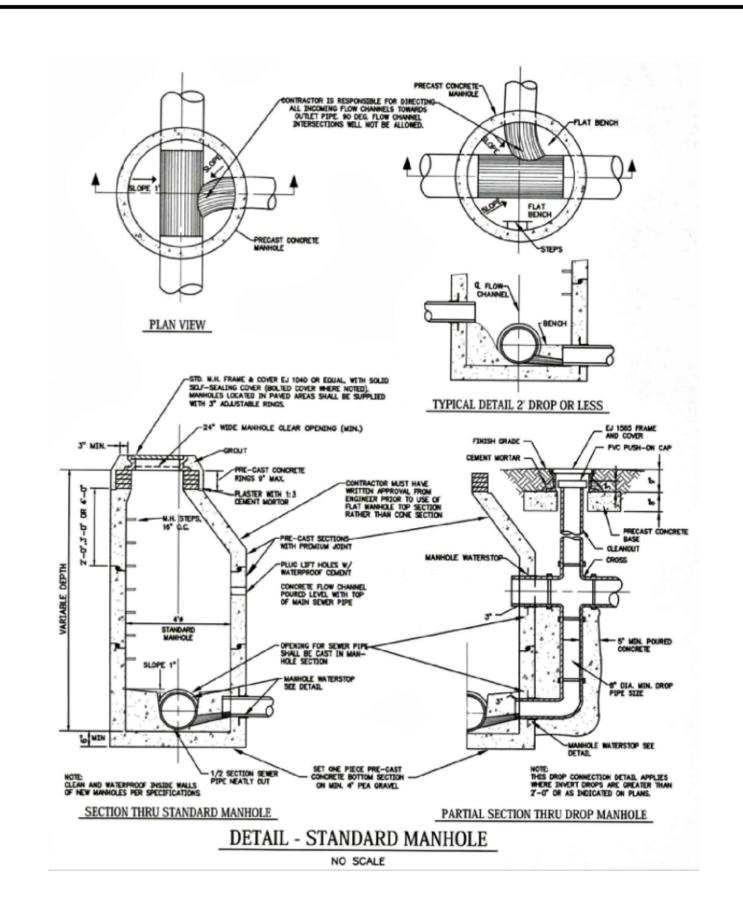


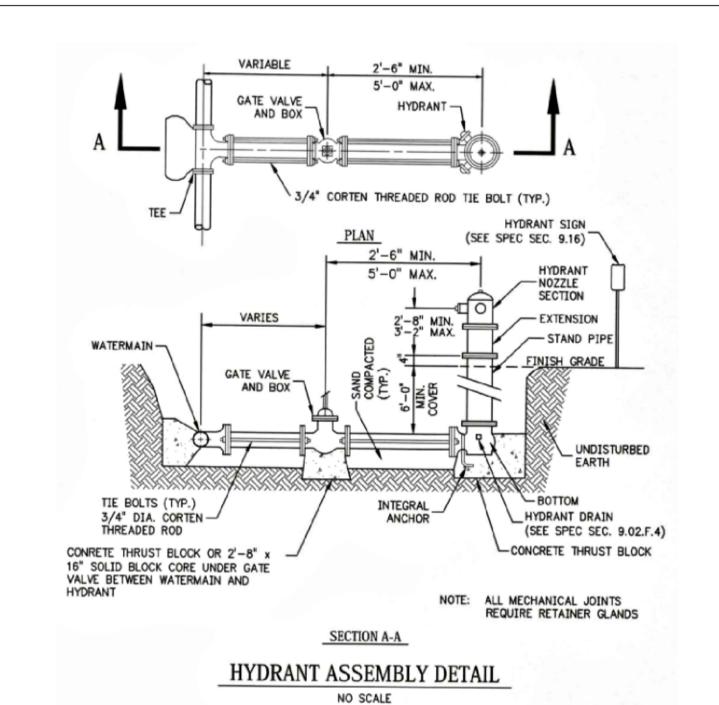


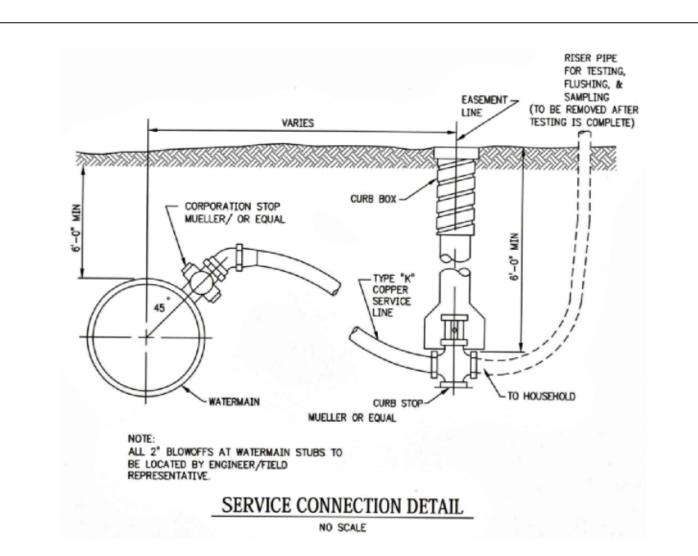


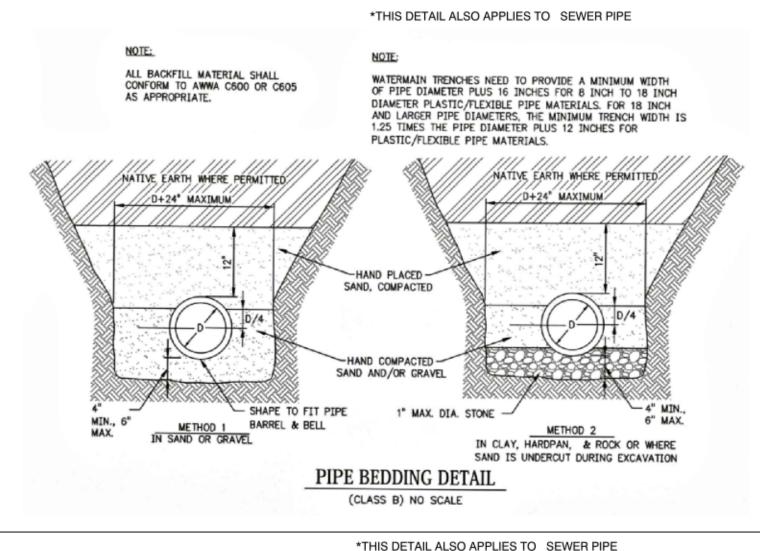
ON STUBBED LINES

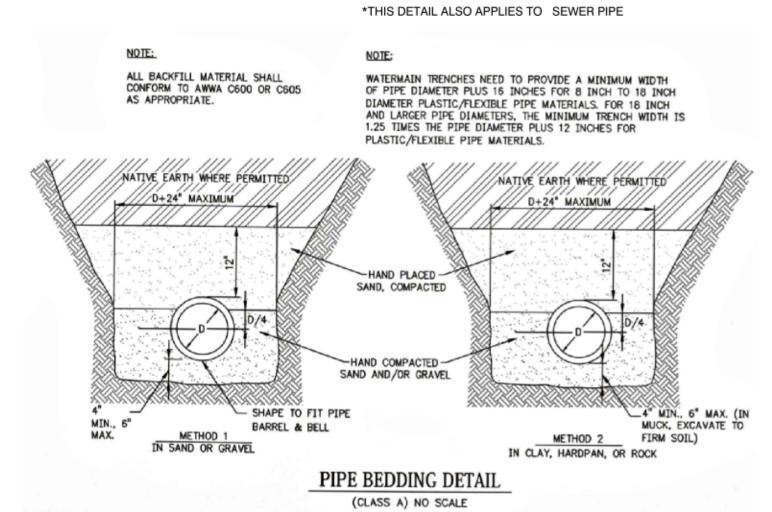
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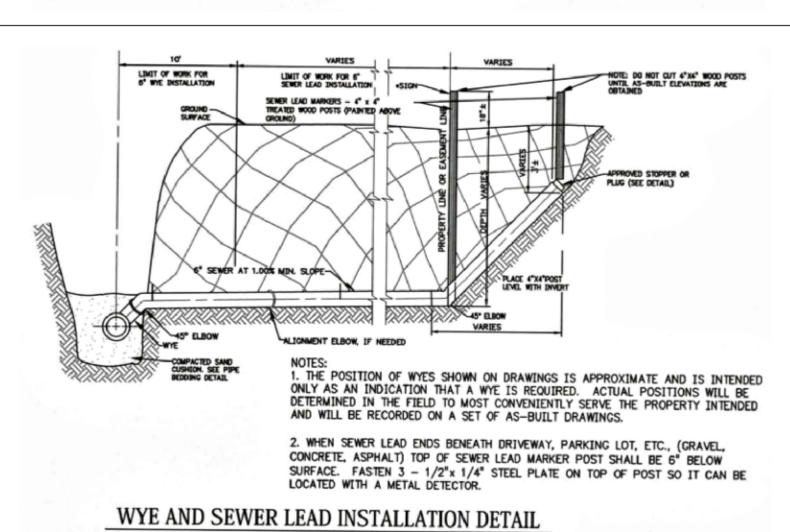




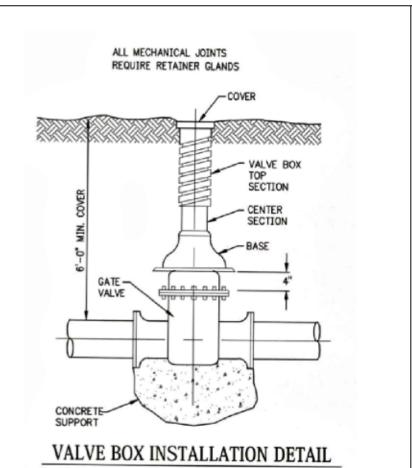




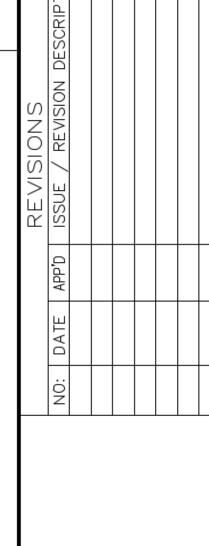




NO SCALE



*DETAILS AND SPECIFICATIONS ON THIS SHEET ARE STANDARD DETAILS FROM THE GRAND TRAVERSE COUNTY DEPARTMENT OF PUBLIC WORKS



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ORIGINAL ISSUE DATE: 09/21/2022 SCALE: BED JOB NO. 22016

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DRAWING NUMBER **C6.1**

Charter Township of Garfield Planning Department Report No. 2022-99		
Prepared:	October 19, 2022	Pages: 1
Meeting:	October 26, 2022 Planning Commission	Attachments:
Subject:	Chick-fil-A Restaurant Special Use Permit -	- Update
File No.	SUP-2021-01 Parcel N	Vo. 05-021-011-00
Applicant:	Chick-fil-A, Inc.	

BRIEF OVERVIEW:

- Location: 2700 N US-31 South, north of South Airport Road
- Parcel Area: 2.11 acres restaurant site (4.38 acres total development site)
- Zoning: C-G General Commercial District
- Special Use Permit: Approved on May 12, 2021



UPDATE:

Earlier this year, violations were issued for the subject site related to drive-through queuing and the use of an unpaved area for vehicle parking. In its discussions with the applicant's representative in June, the Planning Commission agreed to monitor the current situation and revisit the issue in October. Drive-through queuing concerns have subsided with improved operation of the restaurant. Furthermore, with a proposed hotel currently under Administrative Site Plan Review, there is opportunity to address unpaved parking area.

Michael Green, Zoning Administrator, will be present at the October 26th meeting of the Planning Commission to review status of the drive-through restaurant and current activity related to the hotel site plan review application.

Attachments:

1. Letter from Community Planning & Land Use Consulting (dated June 7, 2022)



June 7, 2022

Charter Township of Garfield Mr. Michael Green - Zoning Administrator Mr. John Sych, AICP - Director of Planning 3848 Veterans Drive Traverse City, MI 49684

Re: Chick-fil-A; Solutions to Zoning Violations 2700 N US 31 S, Permit PZ- 2021-133

Dear Mike and John:

As you know, Community Planning & Land Use Consulting has been retained by Chick-fil-A to address the deficiencies outlined in an April 12, 2022 zoning violation notice sent to our client. This letter is intended to summarize our discussions to date and to provide you with written communication regarding the steps taken to address the stated zoning violations.

For background, the **4/12/22 Zoning Violation Letter** outlined two key areas of deficiency which must be addressed, including:

- Poor traffic movement resulting in queuing issues and backup onto public roads and a service drive; and
- The use of an unpaved area for vehicle parking.

This letter will first address the traffic queuing issues, and then move onto the unpaved parking area.

Traffic Issues:

On March 4, 2022, the date that the new restaurant opened for business, it was apparent that there were some traffic movement issues to be addressed. Recognizing these issues. Chick-fil-A moved independently and quickly to implement temporary solutions to the traffic movement issues.

Despite marked entry and exit lanes, a major cause of opening day/week backups was simple confusion on where to go. This resulted in wrong-way traffic blocking vehicles from exiting, impeding traffic flow, and essentially causing an on-site gridlock.

In response, temporary bollards were installed to clearly direct traffic movements by providing a clear visual separation of the entry and exit lanes on the site. The bollards have appeared to effectively dissuade drivers from improperly entering and stacking side-by-side. Since these bollards have been implemented, no similar issues have occurred.

From an efficiency standpoint, Chick-fil-A has trained additional staff members to use tablets to take orders in the drive thru, resulting in a quicker pace during the busiest times.



Taken together, these measures have proven successful in resolving the zoning violation of traffic queuing and circulation. No traffic issues have been reported as observed by the Township since their implementation.

Overflow Parking:

The existing temporary parking area is intended to provide employee overflow parking until training is completed and we can assess the need for additional paved parking. Chick-fil-A has a parking easement with the adjacent unit, that provides a long-term solution to the unpaved area. We will continue to monitor the overflow lot throughout the summer months, and reevaluated with the Garfield Township Zoning and Planning departments in October 2022.

Summary to Date:

As evidenced above, Chick-Fil-A is dedicated to working with the Township to evaluate, monitor and resolve any zoning issues that may arise. Thank you once again for working with us extensively over the past two weeks to find mutually acceptable solutions to these unforeseen startup issues. We are grateful for your time and for amicably working towards a solution.

Sincerely,

Rob Larrea, AICP

Principal | Land Use Planner

Community Planning & Land Use Consulting, LLC