

PLANNING COMMISSION MEETING AGENDA REGULAR MEETING

Marianna Perakis, Chair, Lakshmi Malalahalli, Vice Chair Toby Buechner, Carlton Faison, Tyler Fox, Michael W. Hutson, Tom Krent, Dave Lambert and John J. Tagle

August 26, 2025 7:00 P.M. Council Board Room

- ROLL CALL
- 2. APPROVAL OF AGENDA
- 3. APPROVAL OF MINUTES August 12, 2025
- 4. PUBLIC COMMENT For Items Not on the Agenda

PLANNING COMMISSION TRAINING

 ROBERT'S RULES OF ORDER NEWLY REVISED – Presentation by Aileen Dickson, City Clerk

SPECIAL USE APPROVAL

- PUBLIC HEARING SPECIAL USE APPLICATION (SU JPLN2025-0016) Proposed Big Beaver Mixed Use, South side of Big Beaver, East of I-75 (575 W. Big Beaver, PIN 88-20-28-203-035), Section 28, Currently Zoned BB (Big Beaver) District
- 7. PUBLIC COMMENT For Items on the Agenda
- 8. PLANNING COMMISSION COMMENT
- 9. ADJOURN

Vice Chair Malalahalli called the Regular meeting of the Troy City Planning Commission to order at 7:01 p.m. on August 12, 2025, in the Council Board Room of the Troy City Hall. Vice Chair Malalahalli presented opening remarks relative to the role of the Planning Commission and procedure for tonight's meeting.

1. ROLL CALL

Present:

Toby Buechner
Carlton M. Faison
Tyler Fox
Michael W. Hutson
Tom Krent
David Lambert
Lakshmi Malalahalli

Absent:

Marianna Perakis

Also Present:

John J. Tagle

Ben Carlisle, Carlisle Wortman & Associates R. Brent Savidant, Community Development Director Salim Huerta Jr., Planner I Julie Quinlan Dufrane, Assistant City Attorney Kathy L. Czarnecki, Recording Secretary

2. APPROVAL OF AGENDA

Resolution # PC-2025-08-043

Moved by: Fox Support by: Faison

RESOLVED, To approve the agenda as prepared.

Yes: All present (8)

Absent: Perakis

MOTION CARRIED

3. <u>APPROVAL OF MINUTES</u> – July 22, 2025

Resolution # PC-2025-08-044

Moved by: Lambert Support by: Krent

RESOLVED, To approve the minutes of July 22, 2025 Regular meeting as submitted.

Yes: All present (8)

Absent: Perakis

MOTION CARRIED

4. <u>PUBLIC COMMENT</u> – For Items Not on the Agenda

There was no one present who wished to speak.

CONDITIONAL REZONING

5. <u>PUBLIC HEARING - CONDITIONAL REZONING (JPCR2025-007)</u> – Proposed Revised and Restated Conditional Rezoning Agreement and Approval of Revised Preliminary Site Plan, East side of Rochester Road, South of Shallowdale, (88-20-14-152-001 and 88-20-14-301-031), Section 14, Zoned RT (One Family Attached Residential) and EP (Environmental Protection) Districts

Mr. Savidant reviewed the history and timeline of events regarding the Conditional Rezoning application up to this point and for consideration this evening of a Revised and Restated Conditional Rezoning Agreement and Revised Preliminary Site Plan for Wesley Park. He addressed:

- Voluntary offers by the applicant.
- Conditional Rezoning Agreement.
- Open Space Preservation Easement.
- Preliminary Site Plan.
- Engineering plans.

Mr. Savidant said Planning supports the application and recommends that the Planning Commission recommends to the City Council approval of the Revised and Restated Conditional Rezoning Agreement and Preliminary Site Plan.

Brad Botham of M/I Homes said the revised application is in the same spirit as the originally approved application. He addressed building materials, architectural design and building height, noting the building height is slightly lower than the original plan. Mr. Botham said there are no changes in the easements and setbacks and addressed an increase in the proposed landscaping. Mr. Botham said changes to the plan basically relate to marketability of the product and efficiency in construction build time.

Some comments during discussion related to the following:

- Similarities and differences between original plan and resubmitted plan.
- Revisions to the plan should be reflected on the Site Plan prior to consideration by the City Council.
- Email communication from resident Cynthia Green relating to differences in landscaping, architectural design and building height from original plan.
- Zoning Ordinance site plan requirements are met.
- Voluntary conditions are within parameters of the originally approved plan.

PUBLIC HEARING OPENED

• Jim McCauley, 4435 Harold, Troy; spoke on behalf of the Shallowbrook Homeowners Association (HOA). He addressed two changes in the Revised and Restated Conditional Rezoning Agreement (Article 3, Sections 3.1.k and 3.1.l). Mr. McCauley said he thoroughly reviewed the current submittal and reached out to the developer, the Planning Department, neighbors and the HOA. He said only one resident expressed opposition. Mr. McCauley stated the HOA supported the previously approved plan and is in support of the revised application before the Board this evening.

• Jon Hughes, 4495 Harold, Troy; addressed concerns with the shielding of vehicular headlights onto his property.

PUBLIC HEARING CLOSED

There was discussion on existing and proposed landscaping.

Mr. Botham said he would take into consideration the grading of the property and utility locations and provide appropriate screening to alleviate any potential light pollution for the home at 4495 Harold.

Resolution # PC-2025-08-045

Moved by: Fox

Support by: Buechner

WHEREAS, on June 14, 2021 City Council approved a Conditional Rezoning Agreement for a 32-unit townhome development proposed by the Applicant, MNK Troy 1 LLC; and

WHEREAS, Applicant MNK Troy 1 LLC voluntarily offered a number of conditions, including restricting the number of units to 32 units; and

WHEREAS, On June 21, 2021 the Planning Commission granted Preliminary Site Plan Approval for a 32-unit townhome development known as Shallowbrook Townhomes; and

WHEREAS, The Conditional Rezoning Agreement expired on February 8, 2025 because the developer did not diligently pursue and substantially complete the project in accordance with the City's Zoning Ordinance; and

WHEREAS, Applicant MNK Troy 1 LLC subsequently partnered with M/I Homes and together these entities submitted a proposed Revised and Restated Conditional Rezoning Agreement and Preliminary Site Plan for Wesley Park, a 32-unit townhome development; and

WHEREAS, The proposed Revised and Restated Conditional Rezoning Agreement is consistent with the original Conditional Rezoning Agreement, which was supported by and created with input from representatives of the neighboring Homeowners Association; and

WHEREAS, The Preliminary Site Plan for Wesley Park is consistent with the Preliminary Site Plan for Shallowbrook Townhomes which was approved in 2021; and

WHEREAS, The Preliminary Site Plan for Wesley Park is consistent with the Revised and Restated Conditional Rezoning Agreement, including voluntarily offered conditions intended to reduce the impact of the development on neighboring properties; and

THEREFORE, BE IT RESOLVED, Planning hereby **RECOMMENDS approval** of the Revised and Restated Conditional Rezoning Agreement and related attachments; and

BE IT FURTHER RESOLVED, Planning Commission **RECOMMENDS** that Preliminary Site Plan Approval, pursuant to Article 8 of the Zoning Ordinance, as requested for the proposed Wesley Park Townhomes, 32 units, be **granted**.

Discussion on the motion on the floor.

The applicant was advised to present to City Council a clean Site Plan and Landscape Plan along with a detailed memorandum that complements the revised application.

The Planning Commission would like to see enhancement of the landscaping, especially for the resident at 4495 Harold and any other neighbors who might be affected.

Vice Chair Malalahalli complimented the architectural design and color scheme.

Vote on the motion on the floor.

Yes: All present (8)

Absent: Perakis

MOTION CARRIED

OTHER ITEMS

6. <u>ZONING ORDINANCE TEXT AMENDMENT (File Number 258)</u> – Neighborhood Node Revisions

Mr. Carlisle briefly reviewed the three site types proposed for Neighborhood Node zoning districts. He presented recommendations of the steering committee on Neighborhood Nodes to be removed and rezoned and Neighborhood Nodes to remain as nodes.

Nodes recommended to be removed and rezoned.

- Dequindre and Fourteen Mile (rezone to IB)
- Wattles and Rochester (rezone to GB)
- Wattles and Livernois (rezone to CB, RT and CF)
- Long Lake and Rochester (rezone to GB)
- Long Lake and Livernois (rezone to GB)
- Rochester and South Blvd (rezone to GB and CB)

Nodes recommended to remain designated as Neighborhood Nodes.

- Maple and Dequindre
- Maple and John R
- Big Beaver and Dequindre
- Wattles and Dequindre
- Wattles and John R
- Crooks and Wattles
- Long Lake and Dequindre
- Long Lake and John R
- Square Lake and Dequindre
- Square Lake and John R
- Square Lake and Rochester
- Square Lake and Livernois
- John R and South Blvd
- Livernois and South Blvd
- Crooks and South Blvd

Mr. Carlisle addressed the proposed reassignment of remaining nodes to Site Type A, B, or C based on size, adjacency to residential neighborhoods and redevelopment context.

Mr. Carlisle fielded questions from the Board. He addressed the process of reclassification of site types.

- o Purview of the Planning Commission.
- o Schedule a Public Hearing.
- o Reclassification must be within the boundaries.
- Reclassification is prior to any site plan approval.
- Site types can either be combined or separated.

Two email communications received in the Planning Department were addressed by the administration.

- o Brian Wattles, 3864 Livernois (Wattles and Livernois, specifically one parcel)
- Gerald Rauch, 4187 Penrose (Wattles and Crooks)

Mr. Carlisle addressed the next discussion points and procedural process for adoption.

7. <u>PUBLIC COMMENT</u> – For items on the Agenda

Mr. Savidant clarified the following four speakers spoke on a proposed development application at the southwest corner of Crooks and Wattles that is currently in the Planning review process.

- Mike Wanstreet, 1141 Provincial, Troy; expressed support for a proposed multi-family project.
- Naveen Nagappala, 3931 Fadi, Troy; said he and Stonehaven neighbors support a residential project.

- Nathan Belill, 1048 Salma, Troy; expressed support of a single family attached residential product.
- Kamal Shouhayib of The Choice Group, 2265 Livernois, Troy; addressed his proposed residential development at Crooks and Wattles.
- Mukesh Mangla of Premium Development Group; addressed the three parcels to the east of the Crooks and South Blvd Neighborhood Node zoning district. He would like the parcels to remain in the Neighborhood Node zoning district because the parcels were purchased as part of the node.

8. PLANNING COMMISSION COMMENT

Mr. Savidant announced the City Council granted approval with a 9-0 vote of the Northland Enclave Conditional Rezoning application.

Mr. Savidant shared that Commissioners Fox, Lambert and Krent are attending the American Planning Association (APA) Conference on October 22-24, 2025.

Mr. Carlisle addressed Mr. Mangla's comments relating to the specified parcels east of the South Blvd and Crooks Neighborhood Node.

Mr. Krent announced there is an Oakland County Planners' Gathering online seminar on Wednesday, August 27, from 10 a.m. to 11 a.m.; the topic is Special Assessments.

9. ADJOURN

Respectfully submitted

The Regular meeting of the Planning Commission adjourned at 8:29 p.m.

Troop soliding subtrinted,
Lakshmi Malalahalli, Vice Chair
Kathy L. Czarnecki, Recording Secretary

 $https://d.docs.live.net/2 f7ed4 fe5 f664 ea8/Documents/Kathy/COT\ Planning\ Commission\ Minutes/2025/2025\ 08\ 12\ Draft.docx$

ITEM #5

DATE: August 20, 2025

TO: Planning Commission

FROM: R. Brent Savidant, Community Development Director

SUBJECT: ROBERT'S RULES OF ORDER NEWLY REVISED - Presentation by Aileen

Dickson, City Clerk

City Clerk Aileen Dickson prepared the attached PowerPoint presentation to assist in training numerous boards and committees in Troy. The presentation is relatively short but there will be opportunity to ask questions and discuss points brought up during the presentation.

Attachment:

1. PowerPoint presentation

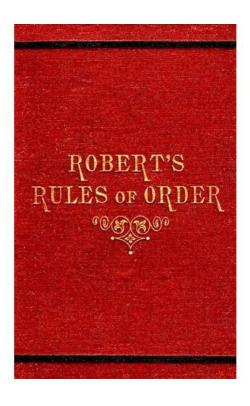
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But This Isn't Parliament...

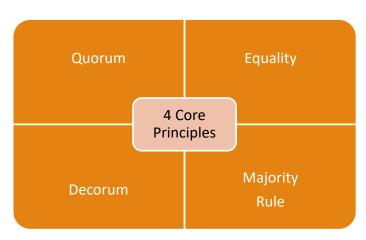
RONR FOR LOCAL GOVERNMENT IN THE REAL WORLD BY AILEEN DICKSON, CITY CLERK

Robert's Rules of Order Newly Revised 12th Edition

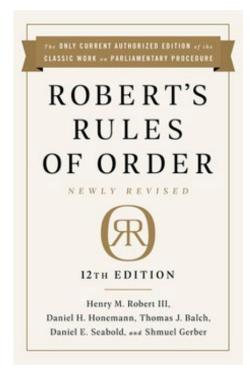
1ST EDITION: **1876**



- 812 pages
- 20 chapters
- 63 general topics
- 98 different motions



12TH EDITION: 2020



QUORUM

The minimum number of voting members needed to hold a meeting.

- 9 Commissioners = quorum of 5
- If 1-4 Commissioners show up, meeting is "adjourned due to lack of quorum" by the Chair/Vice-Chair (then rescheduled)
- No discussion, deliberation, or votes can occur without quorum.
- Commissioners should be mindful of gathering, especially when 4+ will be together (avoid any PC topics; OMA)

EQUALITY

All Commissioners have equal standing and authority, except specific duties assigned to the Chair/Vice-Chair by PC governing documents.

- All Commissioners meet same eligibility requirements
- All Commissioners have same authority and responsibility
- All Commissioners entitled to "informed voting"
 - Commissioners entitled to explanations and Q&A prior to voting
 - Making a motion includes stating the title from the Agenda
 - Chair repeats current motion prior to voting
- All Commissioners entitled to speak; Chair allows any Commissioner who hasn't spoken yet to speak before others speak multiple times
- Time limits for debate and public comment must be universal, and enforced equally (no preferential treatment)

DECORUM

All Commissioners treat each other with respect; minority rights are protected; public has opportunity to be heard.

- Basic decorum = avoid personal remarks/attacks
- Maintain process (order):
 - Motion (by any Commissioner; use title of item from Agenda)
 - Second
 - Discussion
 - Vote (after Chair repeats motion)
 - Chair announces, "Motion (passes/fails)"
- One issue at a time; one speaker at a time
- Minority rights = everyone has a right to speak
- Chair maintains order and protects rights

MAJORITY RULE

Decisions are made by agreement of the majority, and the minority cannot veto or permanently delay actions.

- Most votes require simple majority = 5
- Some items (ex. Master Plan) require super majority = 6 (see PC Rules of Procedure)
- Chair is responsible for maintaining order and decorum
 - Majority cannot silence minority (equal time allotted to all)
 - Minority cannot disrupt proceedings (observe time limits)
 - Every Commissioner who wishes to speak is allowed before other Commissioners speak multiple times
 - Members of the public allowed to speak; observe time limits

MOTIONS

The method by which business is brought before the Commission, either as part of the subject (item) itself, or following some communication or report. Commonly referred to as, "resolutions."

- Main Motion: (move, second, discussion, vote)
 - Resolutions printed in the Agenda (common)
 - Resolutions introduced and added to the Agenda during a meeting (rare, and may require a waiver of the Rules of Procedure)
- Subsidiary Motions:
 - Main Motion must be active (moved, seconded)
 - Following the vote on the subsidiary motion, main motion may still require action
 - Postpone the resolution (to a date certain, or indefinitely)
 - Postpone=consider on a future date; Table=consider later in the same meeting
 - "Motion to postpone <resolution> <to date, or indefinitely>", second, discuss, vote
 - Amend the resolution (insert, strike out, substitute)
 - "Motion to amend <resolution> to...", second, debate, vote

MOTIONS

Sample verbiage...

Resolution to approve Item C-2 Project #1234:

Chair: The next item on the agenda is Item C-2 PUD #1234. Do I have a motion?

PC1: I move to approve Item C-2 PUD #1234.

PC2: Second

Chair: Any discussion?

PC discusses

PC3: I move to amend Item C-2 PUD #1234 to substitute the date August 31, 2025.

PC4: Second PC discusses

Chair: If there are no other comments, I'll call for the vote on the amendment

Roll Call Vote – 9 yes; 0 no **Chair**: "Motion passes"

Chair: Is there any further discussion on the resolution as amended?

PC discusses

Chair: If there are no other comments, I'll call for the vote on Item C-2 PUD #1234 as amended.

Roll Call Vote – 6 yes; 3 no **Chair**: "Motion passes"

Resolution to postpone Item C-3 Project #5678:

Chair: The next item on the agenda is Item 3 Project #5678. Do I have a motion?

PC1: I move to approve Item 3 Project #5678.

PC2: Second

Chair: Any discussion?

PC discusses and some Commissioners say they need more information at a future meeting.

PC3: I move to postpone Item C-3 Project #5678 to the next meeting so we can receive more information.

PC4: Second PC discusses

Chair: If there are no other comments, I'll call for the vote to postpone Item C-3 Project #5678 to the

next meeting

Roll Call Vote – 9 yes; 0 no **Chair**: "Motion passes."

ITEM #6

DATE: August 20, 2025

TO: Planning Commission

FROM: R. Brent Savidant, Community Development Director

SUBJECT: PUBLIC HEARING - SPECIAL USE APPLICATION (SU JPLN2025-0016) -

Proposed Big Beaver Mixed Use, South side of Big Beaver, East of I-75 (575 W. Big

Beaver, PIN 88-20-28-203-035), Section 28, Currently Zoned BB (Big Beaver)

District

The petitioner Bacall Companies submitted the above referenced Special Use Approval and Preliminary Site Plan Approval application for a proposed mixed-use 8-story building. The applicant proposes to demolish a vacant TGI-Fridays restaurant and construct an 8-story building featuring first floor retail below hotel and residential. The hotel use requires special use approval.

This project is not to be confused with a mixed-use project of a similar name, located at 363 W. Big Beaver, which abuts this property to the east.

The attached report prepared by Carlisle/Wortman Associates, Inc. (CWA), the City's Planning Consultant, summarizes the application. CWA prepared the report with input from various City departments including Planning, Engineering, Public Works and Fire. City Management supports the findings of fact contained in the report and recommends approval of the project, as noted.

Attachments:

- 1. Maps
- 2. Report prepared by Carlisle/Wortman Associates, Inc.
- 3. Special Use/Preliminary Site Plan application
- 4. Parking summary (prepared by PEA Group)
- 5. Response to Parking Summary (prepared by OHM Advisors)
- 6. Trip Generation Comparison (prepared by Traffic Engineering Consultants Inc.)
- 7. Public comment

PROPOSED RESOLUTION

<u>PUBLIC HEARING – SPECIAL USE APPLICATION (SU JPLN2025-0016)</u> – Proposed Big Beaver Mixed Use, South side of Big Beaver, East of I-75 (575 W. Big Beaver, PIN 88-20-28-203-035), Section 28, Currently Zoned BB (Big Beaver) District

Resolution # PC-2025-08-

Moved by: Seconded by:

RESOLVED, That Special Use Approval and Preliminary Site Plan Approval for the proposed Big Beaver Mixed Use, South side of Big Beaver, east of I-75 (575 W Big Beaver), Section 28, Currently Zoned BB (Big Beaver) District, be **granted** subject to the following conditions:

Provide trash enclosure screening details.	
) or
(denied, for the following reasons:) or
(postponed, for the following reasons:)
Yes: No: Absent:	

MOTION CARRIED / FAILED



GIS Online





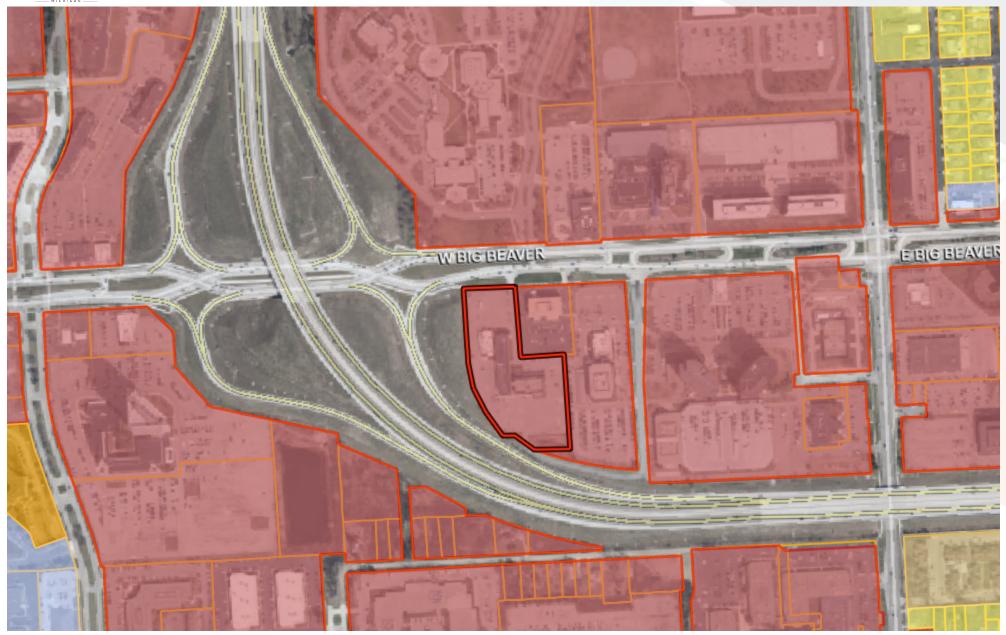
Print Date: 6/19/2025



Note: The information provided by this application has been compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. It is not a legally recorded map survey. Users of this data are hereby notified that the source information represented should be consulted for verification.



GIS Online





Print Date: 6/19/2025



Note: The information provided by this application has been compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. It is not a legally recorded map survey. Users of this data are hereby notified that the source information represented should be consulted for verification.



117 NORTH FIRST STREET SUITE 70 ANN ARBOR, MI 48104 734.662.2200 734.662.1935 FAX

Date:

June 5, 2025 July 18, 2025

Special Land Use and Preliminary Site Plan For

City of Troy, Michigan

Applicant: Ray Bacall

Project Name: BB Mixed Use

Location: Parcel # 20-28-203-035

Plan Date: July 2, 2025

Zoning: BB, Big Beaver

Action Requested: Preliminary Site Plan Approval and Special Land Use Approval

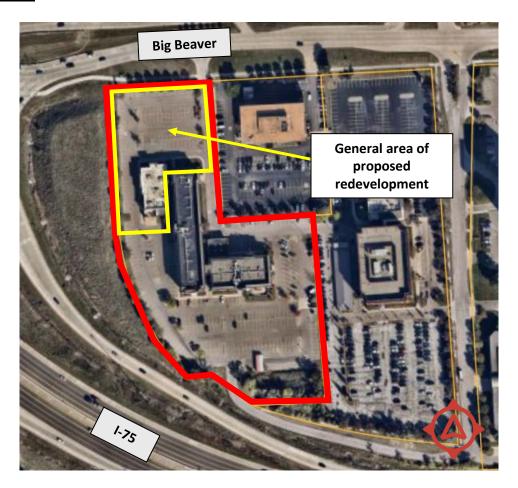
PROJECT AND SITE DESCRIPTION

An application has been submitted for a mixed-use development on the south side of Big Beaver, situated north and east of I-75. The applicant proposes to demolish a vacant restaurant on the site and redevelop with a 8-story mixed-use building. The mix of uses include retail, hotel, and residential uses. The first floor includes 3,589 square feet of retail space along with apartment and hotel amenities, such as a fitness center and other community spaces. The hotel units are located on Levels 2-5 and the apartment units are located on Levels 6-8. A total of eighty (80) hotel units and twenty-four (24) apartment units are proposed. The proposed retail is a small Restaurant/ Café as indicated by the applicant.

The proposed development is located on the same parcel as the existing Troy Inn & Suites. Troy Inn & Suites is currently set back further to the south, towards the center of the subject site. The new development is located further to the north, abutting Big Beaver. The entire site is 5.9 acres and is zoned BB, Big Beaver Form Based District. Retail uses are permitted in this district and

residential uses are permitted on upper stories of buildings fronting a public right of way. Hotel uses require special land use approval.

Site Location:







General area of new building

Former Restaurant Tear Down

Size of Subject Site:

5.9 acres

Current Use of Site

Troy Inn & Suites and vacant former restaurant

Proposed Uses of Subject Site:

Maintain Troy Inn & Suites and add an 8-story square foot mixed-use development including hotel, apartments, and retail. The total building is approximately 93,000 square feet.

Current Zoning:

The property is currently zoned BB, Big Beaver Form Based District.

Surrounding Property Details:

Direction	Zoning	Use
North	BB, Big Beaver	Troy City Hall
South	BB, Big Beaver	I-75
East	BB, Big Beaver	Troy Inn & Suites (same parcel) Office space (adjacent parcel)
West	BB, Big Beaver	I-75

NATURAL FEATURES

The site has been graded for previous development.

Items to be Addressed: None

AREA, WIDTH, HEIGHT, SETBACKS

The site is regulated by dimensional standards of Building Form F:

	Required	Provided	Compliance
Front (Big Beaver)	10-foot build-to-line	10 feet	Complies
Side (east, west)	N/A, building may be placed up to property line	East: 45.17 feet West: 15.2 feet	Complies
Rear (south)	40 feet minimum	634.3 feet	Complies
Building Height	5 stories, 55 feet Minimum	8 stories, 84 feet 4 inches	Complies
Lot Coverage	30% maximum	15.8%	Complies
Parking Location	Surface parking shall be located in a rear yard or side yard; parking for residential tenants may be provided in integrated garages or below-grade parking.		Complies

Items to be Addressed: None.

SITE ARRANGEMENT

The proposed mixed-use development is located on the same parcel as the existing Troy Inn & Suites hotel. Currently, Troy Inn & Suites is located at the center of the site with parking surrounding the hotel on all four (4) sides. The parking lot in the front of the site is approximately 185 feet deep and 200 feet wide. This front parking lot is where the new mixed-use development will be located.

The 8-story mixed-use development will be situated near the front lot line along Big Beaver, in front of Troy Inn & Suites. Parking will be located between the two buildings, behind the new development and in front of the existing hotel, as well as to the west side of the existing hotel.

The applicant notes that apartment residents will be able to use the amenities (fitness center, breakfast bar, lobby, outdoor patio) located on the first floor.

Items to be Addressed: None

ACCESS AND CIRCULATION

Vehicular Access:

The subject site has one (1) direct access point off Big Beaver in the northeast corner of the site. Additionally, the site is technically accessible from the rear via Spencer Street. Spencer Street runs south from Big Beaver and then curves west until it enters the parking lot of the subject site from the rear.

Pedestrian Access:

An existing sidewalk system runs along Big Beaver at the front of the site. The applicant proposes to connect the Big Beaver sidewalk to a new sidewalk on site. The new sidewalk is located along the north, east, and south sides of the building. No sidewalk is shown along the west side of the building. Within the parking lot, two (2) crosswalks are provided to facilitate pedestrian connection between the new mixed-use building and the existing Troy Inn & Suites.

Items to be Addressed: None.

PARKING

The parking standards shown below come from Table 13.06-A of the Zoning Ordinance.

	Required	Provided	Compliance
NEW BUILDING Hotel: 1 space for each guest room + 1 space per employee on the largest typical shift + any additional spaces required for	Hotel: 30 employees = 30 spaces + 296 spaces = 316 spaces		
dining establishments Multi-family Residential: 1 space per efficiency unit 2 spaces per dwelling unit	Residential: 4 efficiency*1= 4 + 12 dwelling units*2= 24 (28 residential total)	TBD (unknown due to shared parking with adjacent site)	TBD
Retail: 1 space per each 250 SF of GFA EXISTING BUILDING	<u>Retail:</u> 3,589/250= 14 spaces		
Hotel:			

1 space for each guest room + 1 space per employee on the largest typical shift + any additional spaces required for dining establishments			
Barrier Free	TBD	TBD	TBD
Bicycle	2 spaces	2 spaces	Complies

In addition a new apartment building is proposed adjacent (indicated as parcel 2 on graphic below) that includes shared parking / easement with the Troy Inn & Suites site (Parcel 1). The applicant shall confirm and/or any parking easements for either site and may require a shared parking study for both sites to be reviewed by City Engineer. Shared parking calculations are being prepared by the applicant and being reviewed by OHM, the City's traffic consultant. The calculations and review will be sent with a separate memo.



Loading Space:

Section 13.10 states that a loading space of 500 square feet shall be provided for each use involving the receipt or distribution of goods. Although, this requirement may be modified depending on circumstances. No loading space is shown on the site plans. The applicant notes that small deliveries (via box truck/van) to the main door after hours or before. They note there is no need for a loading space/zone.

Items to be Addressed: Shared parking to be submitted and reviewed in separate memo.

LANDSCAPING

A landscaping plan has been provided on Sheet L-1.0. The following table discusses the development's compliance with the landscape requirements set forth in Section 13.02.

	Required	Provided	Compliance
Greenbelt			
Big Beaver: 1 tree per every 30 lineal feet	244.17/30 = 8 trees	8 trees	Complies
Parking Lot Trees			
1 tree per every 8 parking spaces	66 parking spaces in redevelopment area/8 = 8 trees	9 trees	Complies
Overall Site Landscaping			
A minimum of 20% of the site area shall be comprised of 15% landscape material		16%	Complies

Trash Arrangement:

Sheet A-100 shows a trash room located on the south end of the building's first floor. We expect that this trash room will be utilized by the hotel and residential uses. Trash will be removed from the hotel/residential use and retail use and loaded into the onsite dumpster.

Trash enclosure screening details was not provided.

Mechanical Equipment:

It appears that mechanical equipment will be located inside the building. Any exterior mechanical equipment is required to comply with screening standards of Section 13.04.

Items to be Addressed: Provide trash enclosure screening details.

PHOTOMETRICS

A photometric plan is provided on Sheet A-010. Lighting levels are overall compliant. The photometric plan indicates that nine (9) types of light fixtures are proposed. Cut sheets are provided on the photometric plan.

Items to be Addressed: None

FLOOR PLAN AND ELEVATIONS

Floor Plans:

We note that though the plan set and elevations show 8 floors, the floor plans submitted only include 7 levels. A floor plan for the first floor is provided on Sheet A-100. The first floor of the mixed-use building includes 3,589 square feet of retail space to the east and then common areas/amenities for the hotel and residential uses to the west. Common areas include the apartment lobby, food prep and service areas, mail room, trash chute, etc. Amenities include areas labeled as community space, fitness center, flex space, work room, "hub," etc. A "hotel patio" is also shown outside in the rear of the building.

Levels 2-5 contain the hotel units. Each hotel unit appears to include a kitchen in addition to the traditional bedroom, restroom, etc. The hotel is extended stay and as such the applicant notes that it may be able to be converted to apartments.

The following hotel matrix table is provided on Sheet A-101.

Hotel Matrix					
Туре	Floor 2	Floor 3	Floor 4	Floor 5	Total
King Standard	14	14	14	14	56
King Long	2	2	2	2	4
Queen	4	4	4	4	16
Total	20	20	20	20	80

King Long is ADA unit.

Levels 6 and 7 contain the residential units. The area of each type is as follows:

• Studio: 805 square feet

• One-bedroom units: 755, 863, or 947 square feet

• Two-bedroom units: 1,370 square feet

The following residential matrix table is provided on Sheet A-101.

Residential Matrix					
Туре	Floor 6	Floor 7	Floor 8	Total	
Studio	2	2	Unknown	4	
One-Bedroom	5	5	Unknown	10	
Two-Bedroom	1	1	Unknown	2	
Total	8	8	Unknown	16	

BB Mixed Use, Site Plan and Special Land Use Review July 18, 2025

Building Materials:

Primary building materials include brick, stone masonry veneer, prefinished metal panel, and stone accent bands.

Colored renderings indicate that the building exterior will be a mix of black, white, dark gray and light gray.

Transparency:

Transparency calculations have been provided that comply with ordinance requirements.

Elevations, I-75 and Big Beaver:

Outside of the Top of Troy Building, the location of this site at the gateway of Big Beaver and the I-75 off-ramp may be the most visible and prominent development site in the City. Both MDOT and the City of Troy have invested substantial resources to elevate the quality of this area through landscape enhancements, design features, and roadway improvements at the I-75 interchange. As such, this site presents a unique and strategic opportunity to set a high standard for architectural excellence and urban design along the Big Beaver corridor. Development at this location should reflect the significance of its setting and contribute meaningfully to the corridor's identity as a premier, mixed-use boulevard. While we appreciate the applicant's design, we find the proposed elevations to lack a distinctive character appropriate for such a high-profile location. The current design does not fully capitalize on the opportunity to deliver a bold, creative, and visually engaging building that contributes meaningfully to the Big Beaver corridor.

In our previous review we had asked for a more creative approach to the building's design—one that reflects its gateway position, reinforces Troy's commitment to quality development, and enhances the pedestrian and visual experience along Big Beaver. The city welcomes thoughtful architectural expression, unique material combinations, and innovative design concepts that elevate the corridor and distinguish this project.

In response the applicant has added additional transparency to the Big Beaver and I-75 elevators, and added a canopy along Big Beaver:





Previous elevation on left, revised elevation on right.





Previous elevation on top, revised elevation on bottom.

BB Mixed Use, Site Plan and Special Land Use Review July 18, 2025

In addition, as set forth in the Big Beaver Corridor Study, Master Plan, and Zoning Ordinance, the City of Troy places a strong emphasis on high-quality building design and the way in which new development relates to the Big Beaver corridor. This area serves as Troy's most prominent commercial and cultural boulevard, and the city has embraced a form-based zoning approach to guide its transformation into a vibrant, mixed-use, and pedestrian-oriented environment.

This planning strategy shifts the focus from land use alone to the physical form, architectural character, and public realm impact of buildings. Key design elements emphasized in this vision include:

- Pedestrian-friendly frontages that engage the street
- Active ground floors that contribute to a lively streetscape
- Architectural variety and high-quality materials
- Context-sensitive setbacks, massing, and façade transparency

The applicant is encouraged to demonstrate how the proposal:

- Advances the City's design principles along Big Beaver,
- Reinforces the identity of this critical corridor,
- Enhances the pedestrian experience,
- And activates the street with a meaningful mix of uses.

The city is seeking a development that not only meets the technical zoning requirements but also exemplifies the design excellence and urban presence envisioned in Troy's long-range plans for the corridor.

In response to our question regarding how the development meets the design and use goals to activate Big Beaver the applicant notes:

Outdoor spaces are accessible from the existing walking path. Access to the public spaces can occur from the Big Beaver frontage. The development brings active spaces to the main corridor bringing human scale and interest to the project

Items to be Addressed: Planning Commission to consider architecture and design features.

DESIGN STANDARDS AND SITE PLAN REVIEW STANDARDS

The Big Beaver Node design standards as well as Site Plan review standards provide the Planning Commission with direction when reviewing the proposed site plan and design features of this development.

Section 5.04.E. outlines Design Standards:

- 1. Building Orientation and Entrance
- 2. Ground Story Activation
- 3. Transitional Features
- 4. Site Access, Parking, and Loading

Please see Section 5.04.E for standard details.

Section 8.06 outlines Site Plan Review Design Standards.

- 1. Development shall ensure compatibility to existing commercial districts and provide a transition between land uses.
 - a. Building design shall enhance the character of the surrounding area in relation to building and parking placement, landscape and streetscape features, and architectural design.
 - b. Street fronts shall provide a variety of architectural expression that is appropriate in its context and prevents monotony.
 - c. Building design shall achieve a compatible transition between areas with different height, massing, scale, and architectural style.
- 2. Development shall incorporate the recognized best architectural building design practices.
 - a. Foster a lasting impact on the community through the provision of high quality design, construction, and detailing.
 - b. Provide high quality, durable materials, such as but not limited to stone, brick, glass, and metal. E.I.F.S. or material equivalent shall only be used as an accent material.
 - c. Develop buildings with creativity that includes balanced compositions and forms.
 - d. Design roofs that are appropriate to the architectural style of the building and create an appropriate visual exterior mass of the building given the context of the site.
 - e. For commercial buildings, incorporate clearly defined, highly visible customer entrances using features such as canopies, porticos, arcades, arches, wing walls, ground plane elements, and/or landscape planters.
 - f. Include community amenities that add value to the development such as patio/ seating areas, water features, art work or sculpture, clock towers, pedestrian plazas with park benches or other features located in areas accessible to the public.

- 3. Enhance the character, environment and safety for pedestrians and motorists.
 - a. Provide elements that define the street and the pedestrian realm.
 - b. Create a connection between the public right of way and ground floor activities.
 - c. Create a safe environment by employing design features to reduce vehicular and pedestrian conflict, while not sacrificing design excellence.
 - d. Enhance the pedestrian realm by framing the sidewalk area with trees, awnings, and other features.
 - e. Improve safety for pedestrians through site design measures.

SPECIAL USE STANDARDS

Hotels require a special use permit. As set forth in Section 9.03, the Planning Commission shall consider the following general standards and any standards established for a specific use when reviewing a special use request:

- 1. Compatibility with Adjacent Uses.
- 2. Compatibility with the Master Plan
- 3. Traffic Impact.
- 4. Impact on Public Services.
- 5. Compliance with Zoning Ordinance Standards.
- 6. Impact on the Overall Environment.
- 7. Special Use Approval Specific Requirements.

The Planning Commission shall consider if the Special Use standards have been met.

SUMMARY

Overall, we strongly supports the proposed development. The adaptive reuse of an underutilized parking lot to develop an 8-story mixed-use building is a significant step forward in advancing the stated goals of the Big Beaver Corridor Study, Master Plan, and Zoning Ordinance. This project supports the City's vision for a more vibrant, walkable, and mixed-use boulevard. Given the prominence of this site—particularly at the key gateway into the City—we ask the Planning Commission to consider the application, particularly the architectural program.

In addition, Planning Commission is to review and consider shared parking.

If the Planning Commission supports the project we recommend the following conditions:

- 1. Shared Parking review and approval
- 2. Provide trash enclosure screening details
- 3. Any proposed architectural changes

BB Mixed Use, Site Plan and Special Land Use Review July 18, 2025

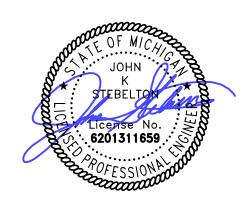
Sincerely,

CARLISLE/WORTMAN ASSOC., INC. Benjamin R. Carlisle, AICP, LEED AP President

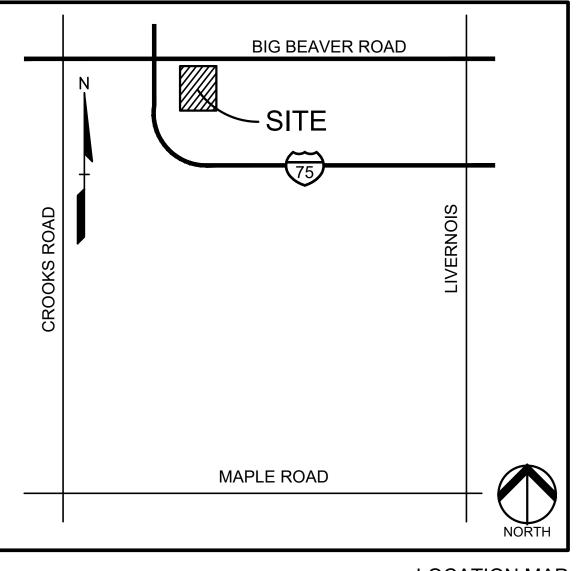
CARLISLE/WORTMAN ASSOC., INC. Shana Kot Community Planner

BB MIXED USE

BIG BEAVER ROAD TROY, MICHIGAN



PERMIT / APPROVAL SUMMARY DATE SUBMITTED DATE APPROVED PERMIT / APPROVAL



LOCATION MAP

NUMBER TITLE **COVER SHEET** TOPOGRAPHIC SURVEY OVERALL SITE PLAN PRELIMINARY SITE PLAN PRELIMINARY GRADING PLAN PRELIMINARY UTILITY PLAN PRELIMINARY STORMWATER MANAGEMENT PLAN NOTES AND DETAILS LIGHT FIXTURES PRELIMINARY LANDSCAPE PLAN LANDSCAPE DETAILS ARCHITECTURAL PLANS PRELIMINARY BASEMENT AND FLOOR PLAN PRELIMINARY FLOOR PLAN LEVELS 2-8 HOTEL EXTERIOR ELEVATIONS **EXTERIOR RENDERING** EXTERIOR RENDERING **EXTERIOR RENDERING** EXTERIOR RENDERING EXTERIOR RENDERING EXTERIOR RENDERING EXTERIOR RENDERING PHOTOMETRIC PLAN

INDEX OF DRAWINGS

DESIGN TEAM

OWNER/APPLICANT/DEVELOPER CIVIL ENGINEER

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PEA GROUP 1849 POND RUN AUBURN HILLS, MI 48326 CONTACT: JOHN STEBELTON, PE PHONE: 844.813.2949 EMAIL: JSTEBELTON@PEAGROUP.COM

ARCHITECT

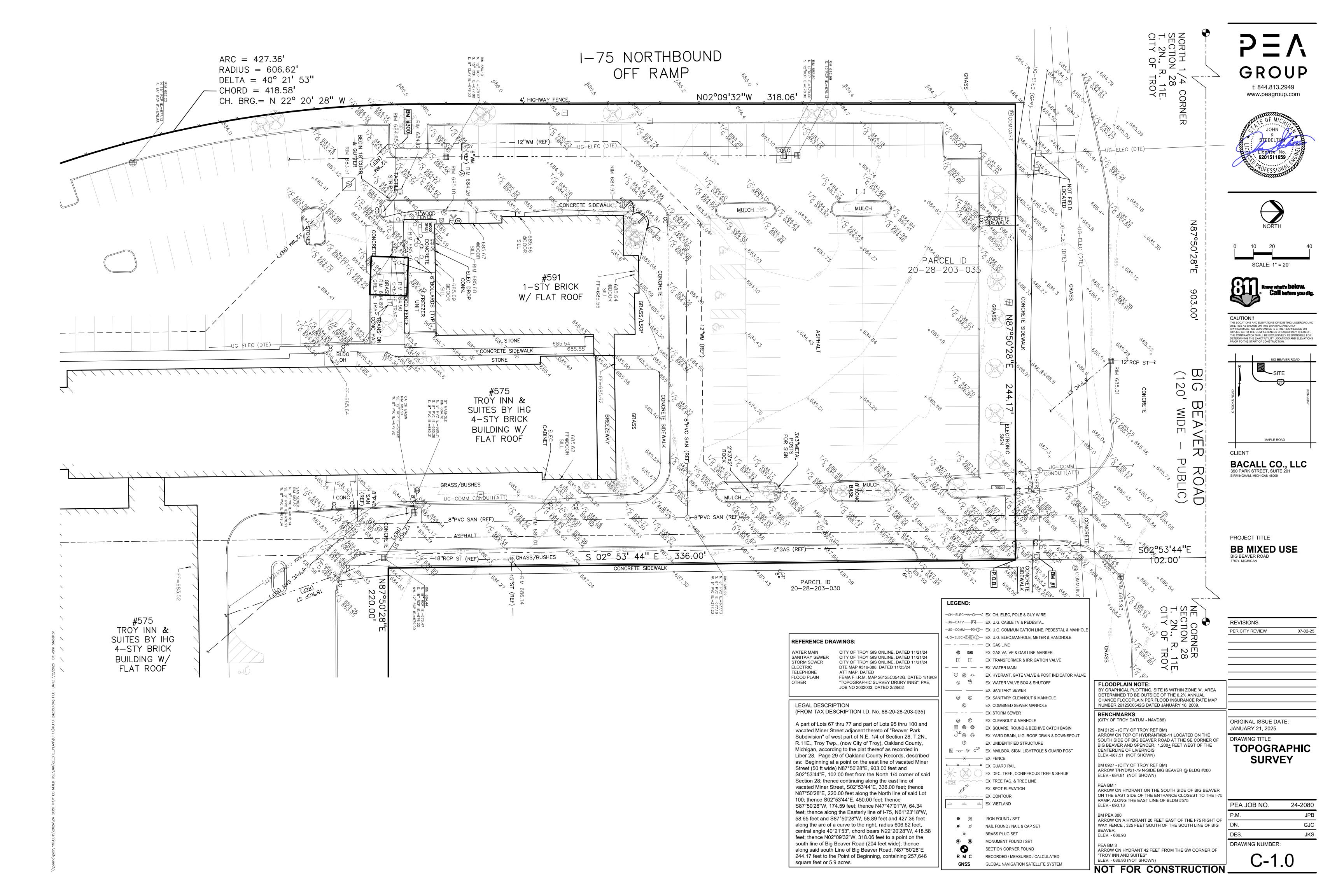
BOWERS & ASSOCIATES 2400 S. HURON PARKWAY ANN ARBOR, MI 48104 CONTACT: SCOTT BOWERS PHONE: 734.975.2400 EMAIL: SCOTTB@BOWERSARCH.COM

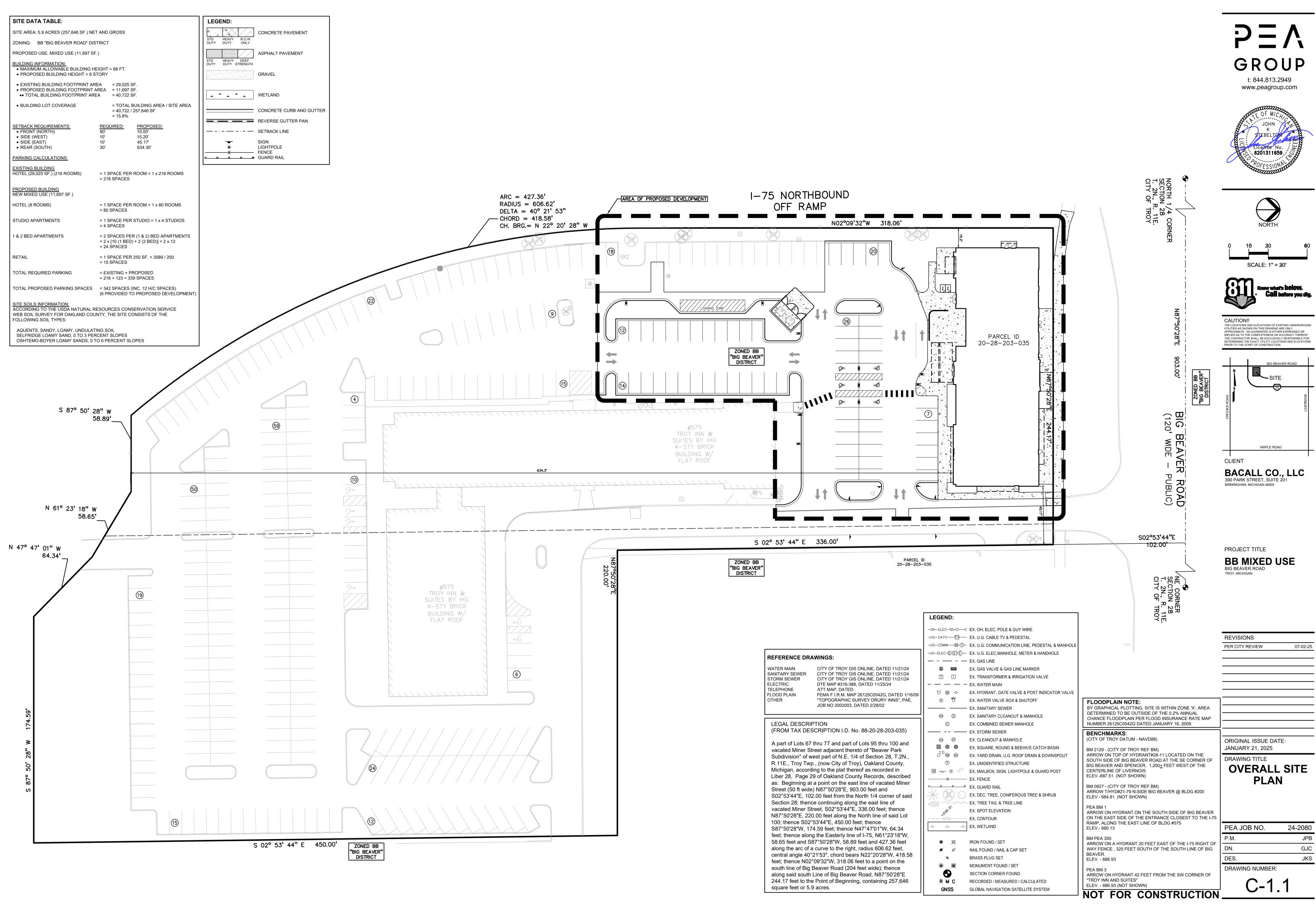
LANDSCAPE ARCHITECT

PEA GROUP 7927 NEMCO WAY, STE. 115 BRIGHTON, MI 48116 CONTACT: JANET EVANS, PLA PHONE: 844.813.2949 EMAIL: JEVANS@PEAGROUP.COM

GROUP

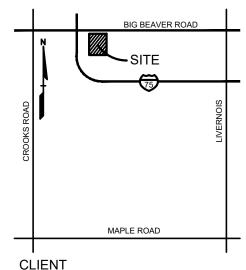
REVISIONS				
DESCRIPTION	DATE			
SITE PLAN SUBMITTAL	4/16/2025			
PER CITY REVIEW	7/2/2025			



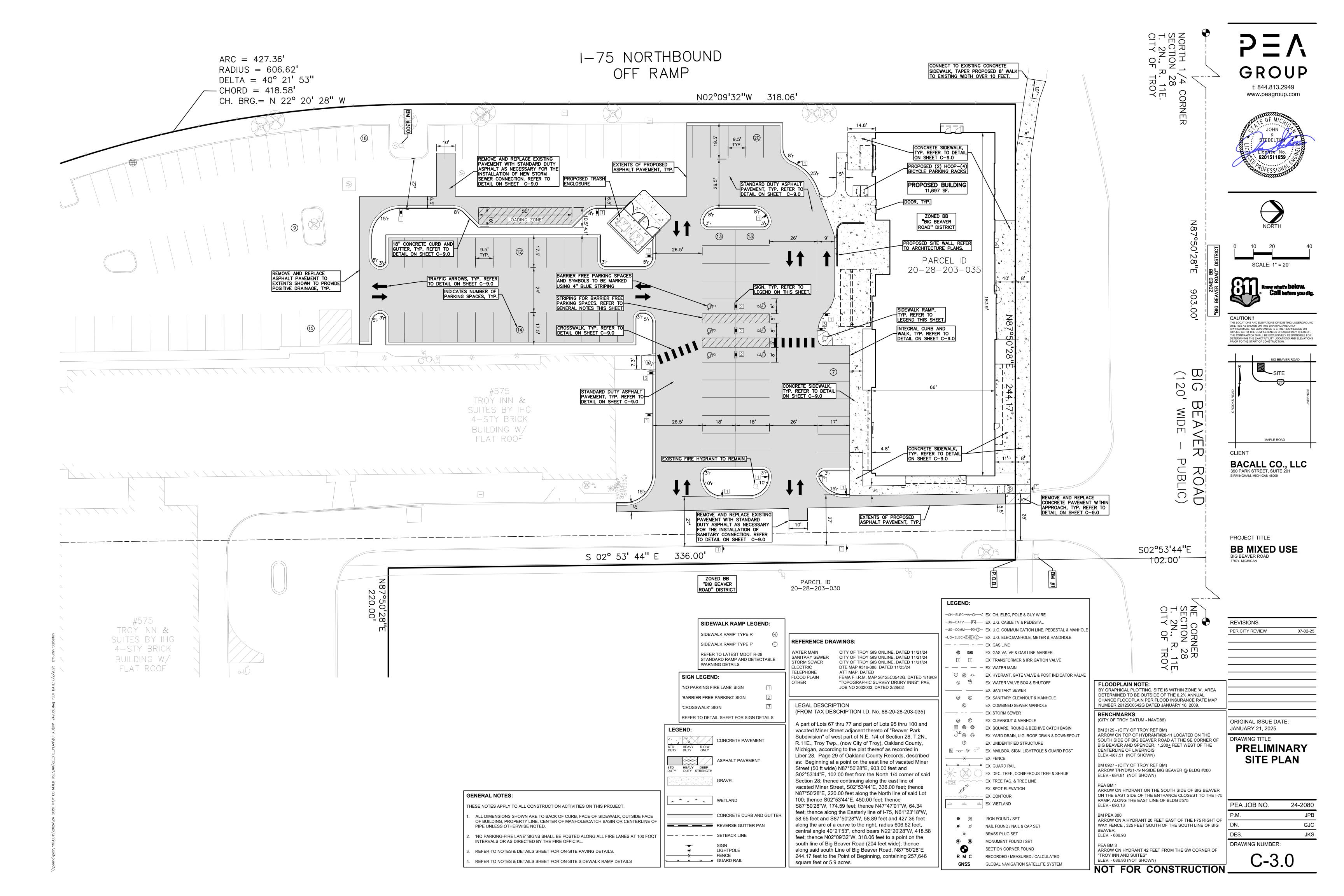


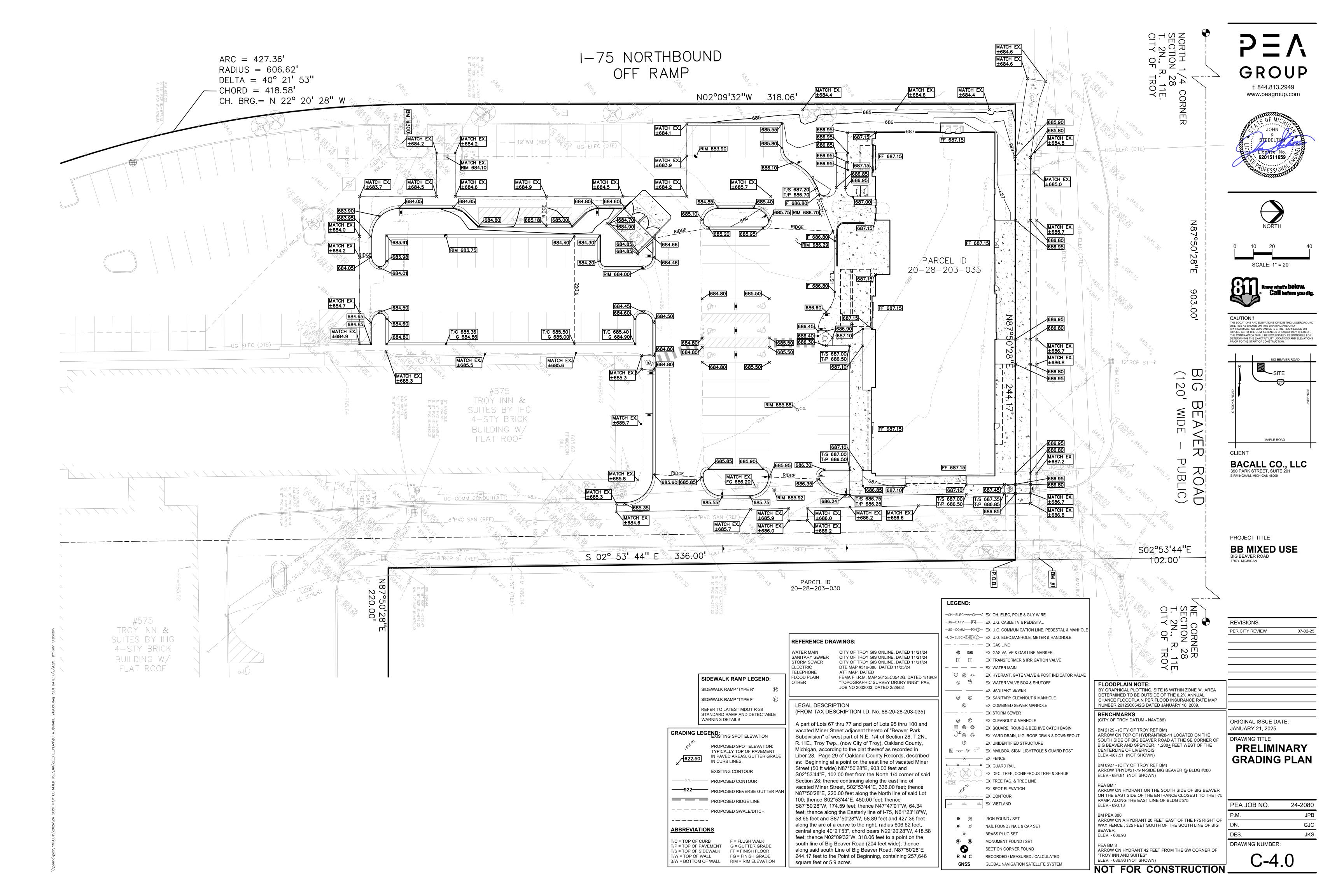


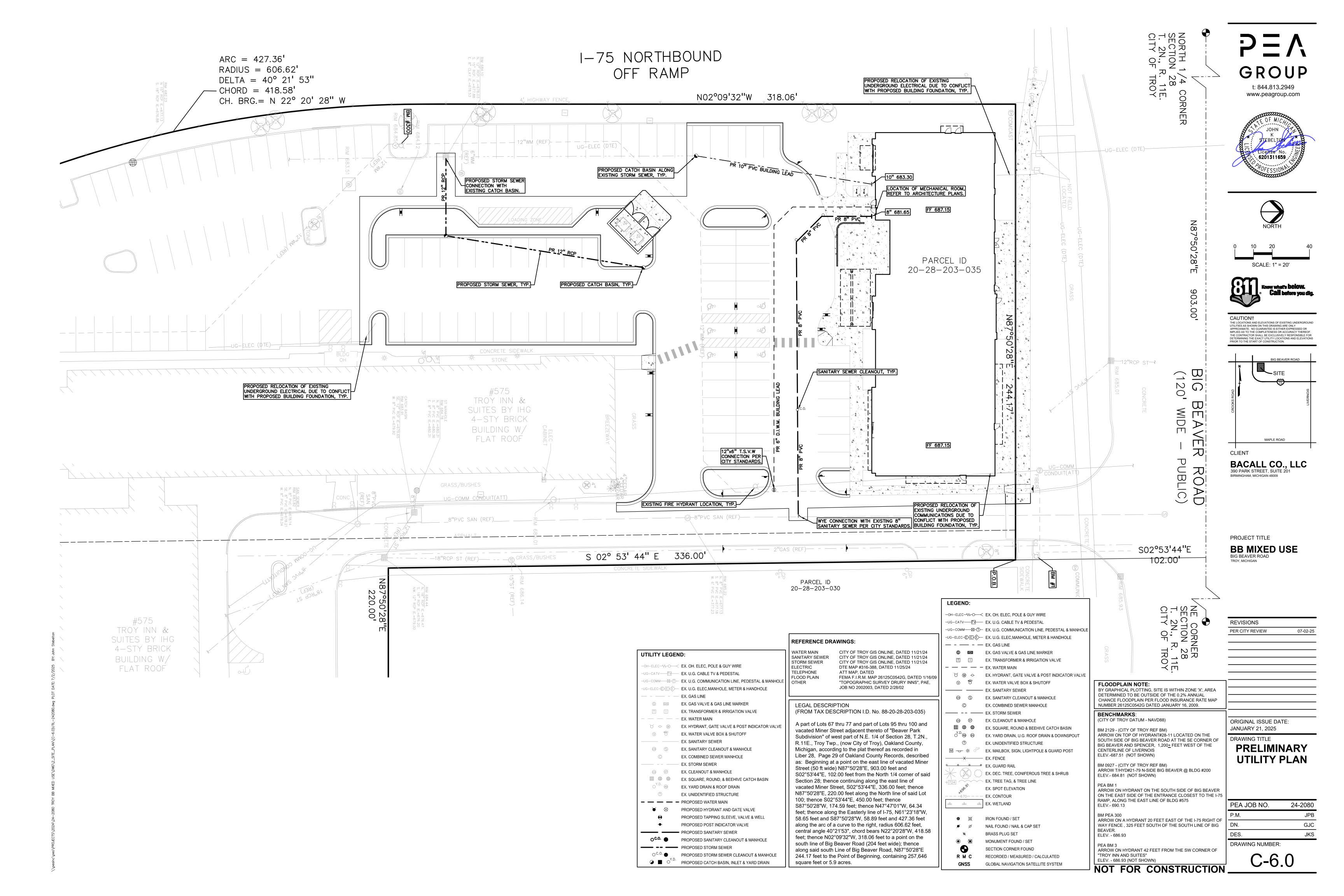
THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

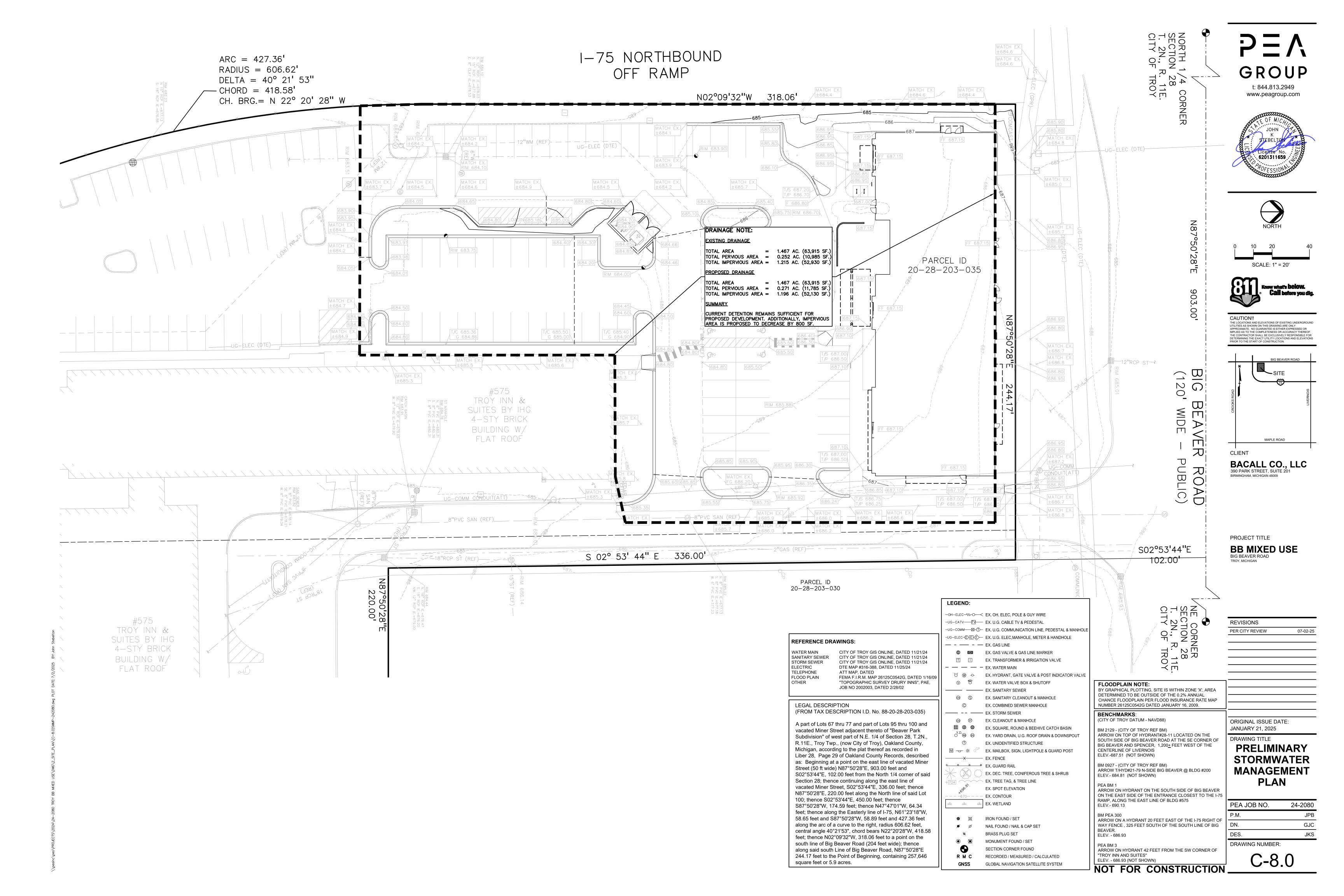


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PER CITY REVIEW	07-02-25
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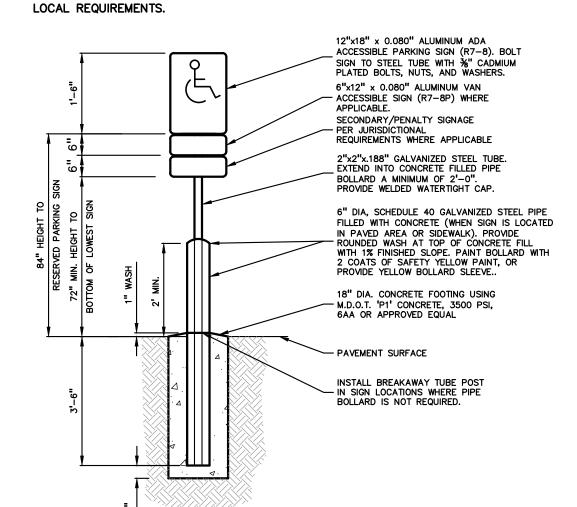




ADA ACCESSIBLE SIGN NOTES:

1. ONE SIGN IS REQUIRED AT EACH ADA ACCESSIBLE PARKING SPACE.
2. ALL SIGNS SHALL COMPLY WITH THE LATEST STANDARDS OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD). 3. WHEN TWO ADA ACCESSIBLE PARKING SPACES ARE ADJACENT AND FACING EACH OTHER, TWO SIGNS ARE REQUIRED, BUT CAN BE MOUNTED ON THE SAME POST. 4. SIGN POSTS SHALL BE 2" NOM. SQUARE 14-GAUGE GALVANIZED STEEL TUBE WITH 7/16" HOLES AT 1" CENTERS. POSTS SHALL TELESCOPE INSIDE ANCHOR POSTS A

MINIMUM OF 12". 5. ANCHOR POSTS SHALL BE 2.25" NOM. SQUARE 12-GAUGE GALVANIZED STEEL POST, A MINIMUM OF 3 FEET LONG. 6. IF THESE NOTES AND DETAILS CONFLICT WITH LOCAL CODES AND ORDINANCES, THE STRICTER REQUIREMENT SHOULD BE USED. 7. ALTERNATE MATERIALS MAY BE USED IF IN COMPLIANCE WITH ADA GUIDELINES AND



ADA ACCESSIBLE SIGN AND POST DETAIL



12" x 18" (R7-8) GREEN BORDER AND LEGEND WHITE SYMBOL, BLUE BACKGROUND. REFLECTORIZED

ADA ACCESSIBLE PARKING SIGN DETAIL



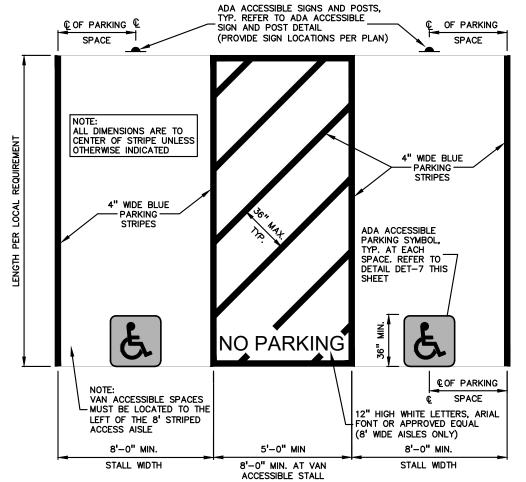
FIRE LANE SIGNS: APPROVED "NO PARKING FIRE LANE" SIGN MUST BE INSTALLED AND MAINTAINED IN COMPLIANCE WITH THE CRITERIA SET FORTH IN THE MICHIGAN MANUAL OF UNIFORM TRAFFIC

- CONTROL DEVICES. SOME OF THE CRITERIA IS AS FOLLOWS: (TROY CITY CODE CHAPTER 106)

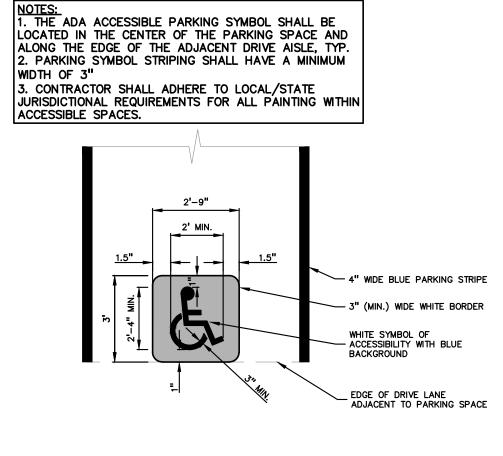
 - SIGN SHALL BE RED LETTERING ON WHITE BACKGROUND AND SHALL READ, "FIRE LANE. NO PARKING. NO STOPPING. NO
- STANDING. TOW AWAY ZONE"

 SIGNS SHALL BE SPACED NO FURTHER THAN 100 FEET APART.
 SIGNS SHALL BE INSTALLED AT A RIGHT ANGLE 90° TO CURB
 SIGN SHALL BE SEVEN (7) FEET FROM THE BOTTOM OF SIGN
- SIGNS SHALL BE DOUBLE FACED WHERE THE POSSIBILITY EXIST FOR LEFT WHEEL TO CURB PARKING.
 SIGNS SHALL BE 12 INCES IN WDTH AND 18 INCHES IN

CITY OF TROY FIRE LANE SIGN DETAIL



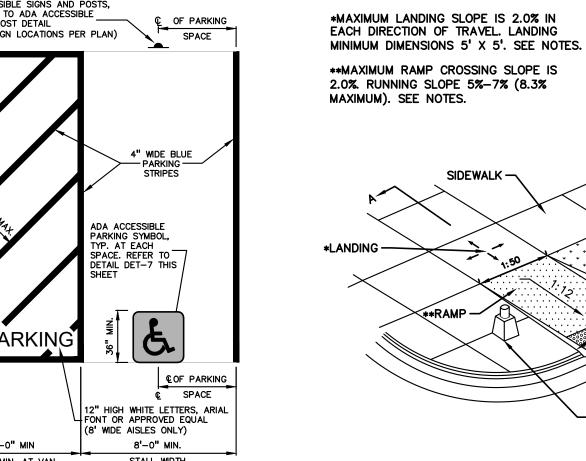
ALTERNATE ADA ACCESSIBLE PARKING STALL DETAIL



ADA ACCESSIBLE PARKING SYMBOL DETAIL (INTERNATIONAL SYMBOL OF ACCESSIBILITY)



CROSSWALK SIGN DETAIL



PERMANENT **OBSTRUCTION**

SIDEWALK RAMP TYPE R

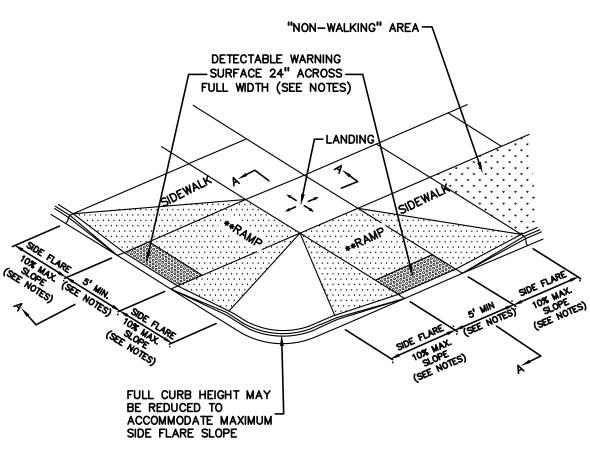
-"NON-WALKING" AREA

- ROLLED CURB

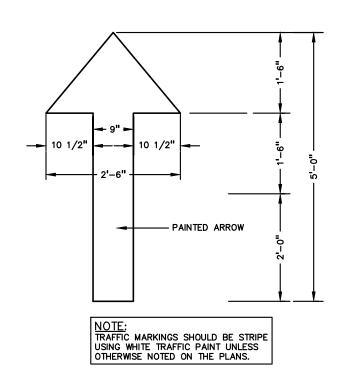
DETECTABLE WARNING

- SURFACE 24" ACROSS

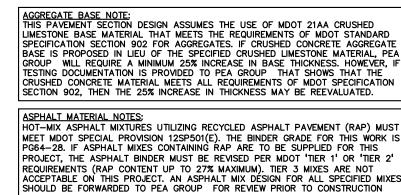
FULL WIDTH (SEE NOTES)



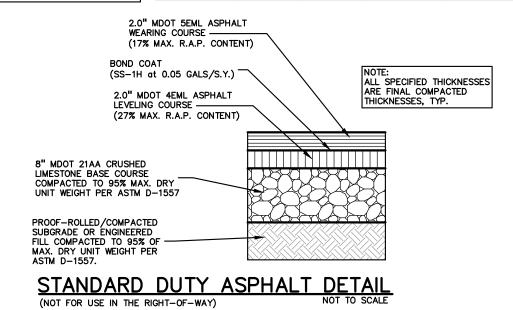
SIDEWALK RAMP TYPE F

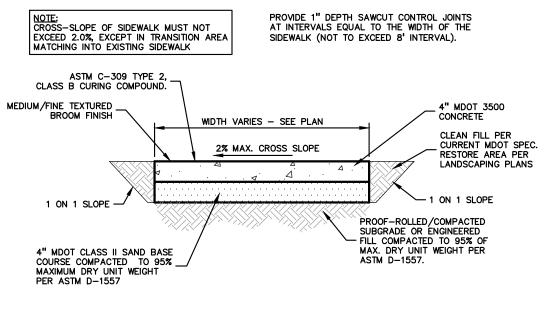


PAINTED DIRECTIONAL ARROW

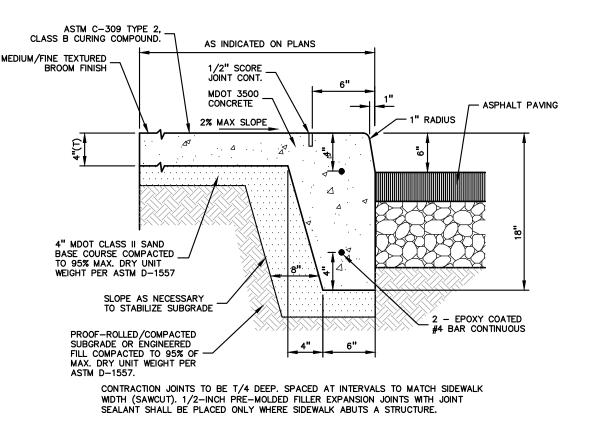


RD SATE PEA		ASPHALT MIX DESIGN CHART							
R, IF E TION	COMMERCIAL ADT 0-300	COMMERCIAL ADT 301-1000	COMMERCIAL ADT 1001-3400	COMMERCIAL ADT ≥3401	APPLICATION RATE (LB/YD²), MINIMUM — MAXIMUM	COURSE APPLICATION			
	2EL	2EML	2EMH	2EH	435-550	BASE			
NUST	3EL	3EML	ЗЕМН	3EH	330-410	BASE AND/OR LEVELING			
RK IS	4EL	4EML	4EMH	4EH	220-275	LEVELING AND/OR TOP			
₹ 2'	5EL	5EML	5EMH	5EH	165-220	TOP			
MIXES	PG 58-28	PG 64-28	PG 64-28	PG 70-28P					



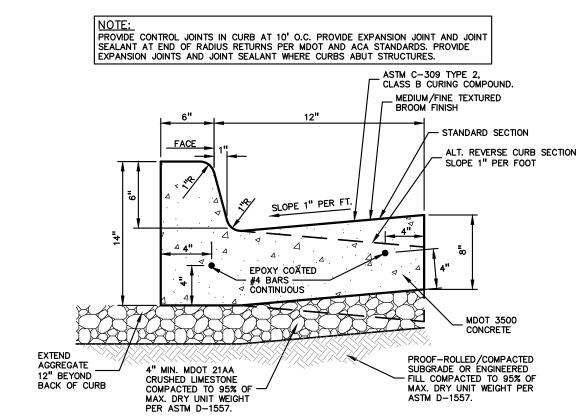


CONCRETE SIDEWALK

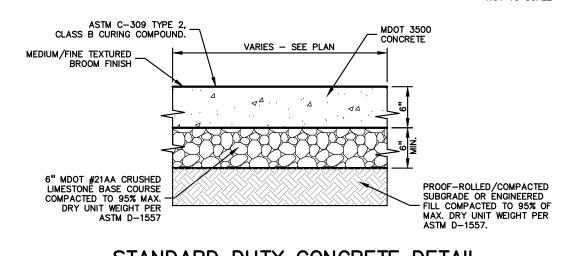


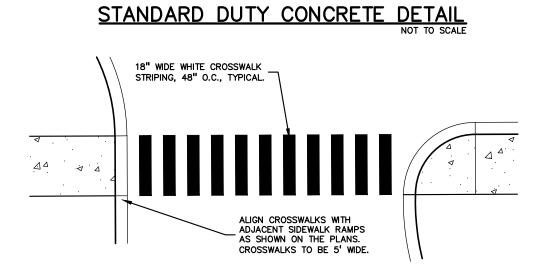
INTEGRAL CURB AND SIDEWALK

NOTE: ALTERNATE REVERSE CURB SECTION TO BE USED ONLY WHEN DRAINING AWAY FROM CURB. SEE PLAN FOR LOCATION.



18"x6" STANDARD CONCRETE CURB AND GUTTER
NOT TO SCALE





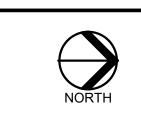
STRIPED CROSSWALK DETAIL

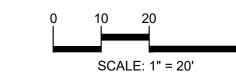


GROUP

t: 844.813.2949

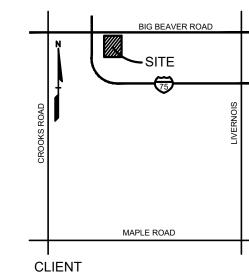








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BACALL CO., LLC 390 PARK STREET, SUITE 201 BIRMINGHAM, MICHIGAN 48009

PROJECT TITLE **BB MIXED USE**

BIG BEAVER ROAD TROY, MICHIGAN

REVISIONS PER CITY REVIEW 07-02-25

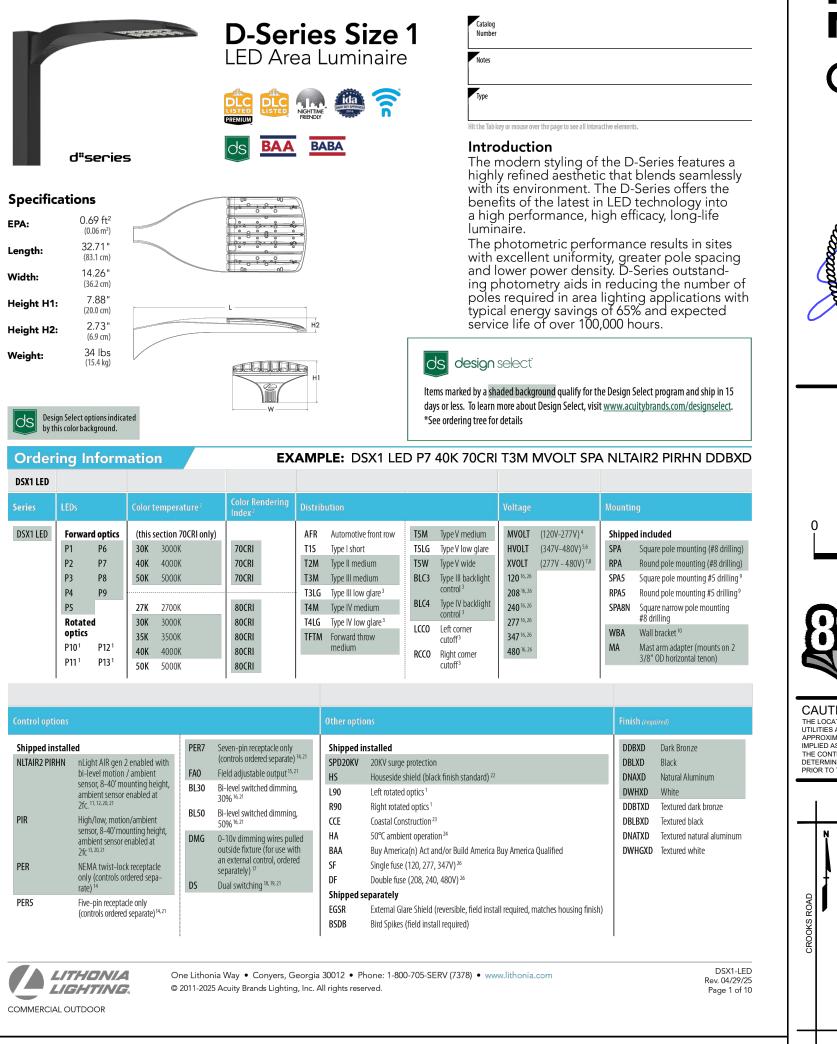
ORIGINAL ISSUE DATE: JANUARY 21, 2025

DRAWING TITLE **NOTES AND DETAILS**

PEA JOB NO.	24-2080
P.M.	JPB
DN.	GJC
DES.	JKS
DRAWING NUMBER:	

Building element · Symmetric Application Light building element with symmetric light distribution. Light building **BEGA Product:** elements are luminous design features for public areas. They are Project: ideally suited for delineating and structuring interior and exterior spaces such as landscape areas, plazas, building entrances and atria. Modified: Clear safety glass Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy Extruded aluminum Covered handhole with hardware and grounding provisions provided High temperature silicone gasket Mechanically captive stainless steel fasteners Silicone applied robotically to casting, plasma treated for increased Integral surge protector Galvanized steel anchorage Pure anodized aluminum reflector NRTL listed to North American Standards, suitable for wet locations Protection class IP 65 Weight: 196.3lbs. EPA (Effective projection area): 21.5 sq. ft. Electrical Operating voltage Minimum start temperature LED module wattage 59.2 W System wattage 66.0 W Controllability 0-10V dimmable Color rendering index Ra > 80Luminaire lumens 4913 lm LED service life (L70) 60000 hrs LED color temperature Available options □ 4000K (K4) □ CUS □ FSC □ 3500K (K35) □ 3000K (K3) □ MGU Marine grade undercoat □ 2700K (K27) \square RAL RAL finish **BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details Included (available for pre-shipment) All BEGA standard finishes are matte, textured powder coat with minimum ☐ B79806 Buried anchorage kit 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL, custom, and premium colors provided in polyester powder and/or liquid paint. Available colors □ Black (BLK) ☐ Bronze (BRZ) □ White (ŴHT) ☐ Silver (SLV) □ RAL: ` □ CUS: Building element · Symmetric **BEGA** 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com © copyright BEGA 2025 ■ D-Series Size 2 LED Area Luminaire ds BAA BABA Introduction d"series The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the **Specifications** latest in LED technology into a high performance, high efficacy, long-life luminaire. EPA: The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing Length: and lower power density. D-Series outstanding 16.76" (42.6 cm) Width: photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of up to 80% vs. 1000W HID and Height H1: expected service life of over 100,000 hours. Height H2: 46 lbs Weight: ds design select (20.9 kg) Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. Design Select options indicated by this color background. *See ordering tree for details Ordering Information **EXAMPLE:** DSX2 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD DSX2 LED Color temperature² Color Rendering Distribution Voltage DSX2 LED Forward optics (this section 70CRI only) AFR Automotive front T5M Type V medium MVOLT (120V-277V)⁴ Shipped included **30K** 3000K P1 P5 **HVOLT** (347V-480V) ^{5,6} **SPA** Square pole mounting (#8 drilling) T5LG Type V low glare **40K** 4000K T5W Type V wide XVOLT (277V - 480V)^{7,8} RPA Round pole mounting (#8 drilling) P2 P6 70CRI T2M Type II medium P3 P7 **50K** 5000K BLC3 Type III backlight T3M Type III medium P4 P8 T3LG Type III low glare³ BLC4 Type IV backlight Rotated optics T4M Type IV medium control ³ 80CRI 80CRI 80CRI 80CRI P10¹ P13¹ **30K** 3000K T4LG Type IV low glare³ LCCO Left corner cutoff³ P11¹ P14¹ **35K** 3500K TFTM Forward throw RCCO Right corner cutoff³ P121 **40K** 4000K medium **50K** 5000K Other options Shipped installed PER7 Seven-pin receptacle only Shipped installed Shipped separately (controls ordered separate) 14 NLTAIR2 PIRHN nLight AIR gen 2 enabled with SPD20KV 20KV surge protection EGSR External Glare Shield FAO Field adjustable output 15,21 (reversible, field install HS Houseside shield (black finish sensor, 8-40' mounting heig required, matches BL30 Bi-level switched dimming, Left rotated optics 1 BSDB Bird Spikes (field install BL50 Bi-level switched dimming, 50% 16,21 Right rotated optics 1 High/low, motion/ambient Coastal Construction 23 50°C ambient operation 24 outside fixture (for use with an external control, ordered Buy America(n) Act and/or NEMA twist-lock receptacle on separately) 17 Build America Buy America DS Dual switching 18, 19, 21 Five-pin receptacle only (controls Single fuse (120, 277, 347V) 26 ordered separate) 14, Double fuse (208, 240, 480V) 26 Vibration rated for 3G²⁷ LITHONIA LIGHTING. One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com © 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

COMMERCIAL OUTDOOR



BEGA

SPA5 Square pole mounting #5 drilling 9

RPA5 Round pole mounting #5 drilling9

SPA8N Square narrow pole mounting

MA Mast arm adapter (mounts on

2 3/8" OD horizontal tenon)

WBA Wall bracket 10

DDBXD Dark Bronze

DNAXD Natural Aluminum

DWHXD White

DBLBXD Textured black

DWHGXD Textured white

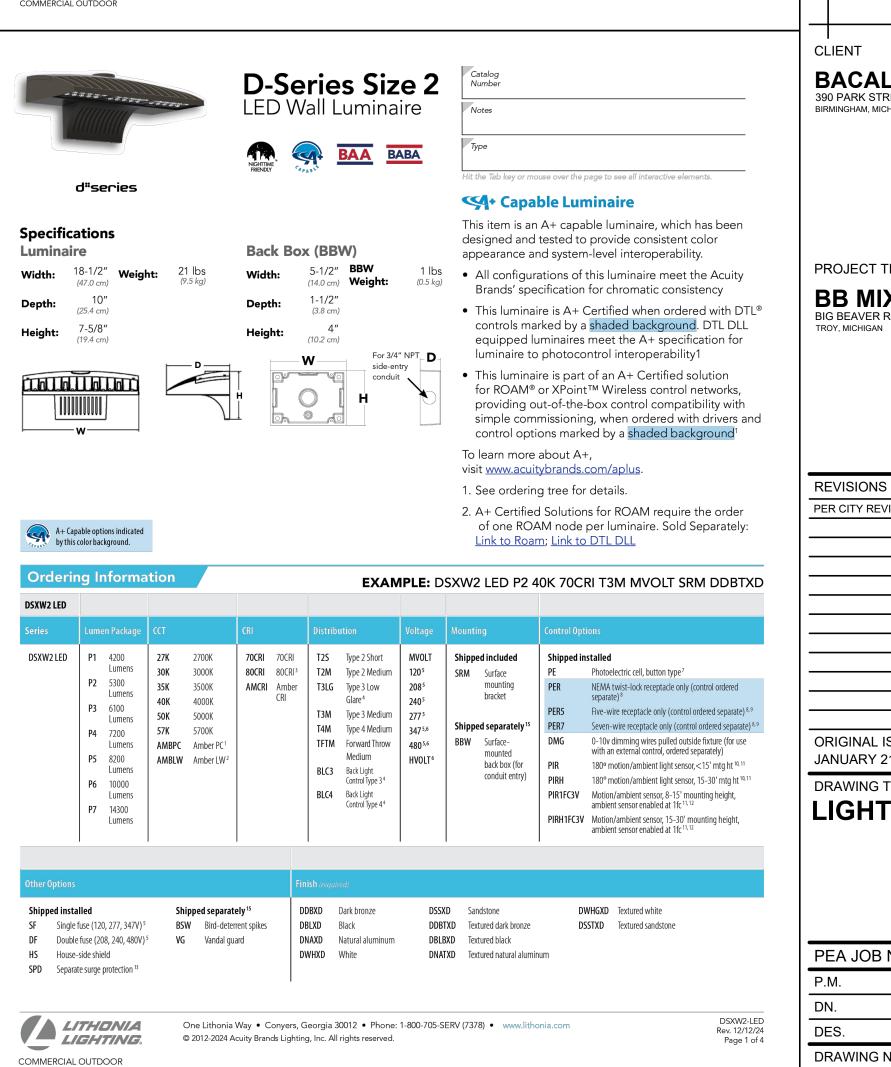
DDBTXD Textured dark bronze

DNATXD Textured natural aluminum

Rev. 04/29/25

Page 1 of 10

DBLXD Black





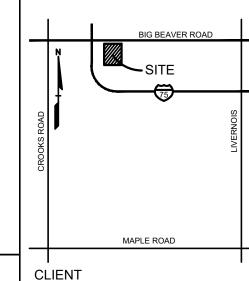








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BACALL CO., LLC 390 PARK STREET, SUITE 201 BIRMINGHAM, MICHIGAN 48009

PROJECT TITLE

BB MIXED USE BIG BEAVER ROAD

	REVISIONS	
	PER CITY REVIEW 07-02-25	
0		
9	ORIGINAL ISSUE DATE: JANUARY 21, 2025	
	DRAWING TITLE	
	LIGHT FIXTURES	

PEA JOB NO.	24-2080	
P.M.	JPB	
DN.	GJC	
DES.	JKS	
DRAWING NUMBER:		

EXISTING TREES WITHIN PROJECT EXTENTS:

EXISTING TREES				TREE PROTECTION AND RE			
PLAN#	CODE	DBH	COMMON NAME	LATIN NAME	COND	SAVE/REMOVE	EXEMPT
200	LL	12"	Littleleaf Linden	Tilia cordata	Good	REMOVE	
201	CA	6"	Crab Apple	Malus caronaria	Fair	REMOVE	
202	CA	<u>4"</u>	Crab Apple	Malus caronaria	Fair	REMOVE	¥
203	CA	<u>4"</u>	Crab Apple	Malus caronaria	Fair	REMOVE	¥
204	CA	10"	Crab Apple	Malus caronaria	Fair	SAVE	
205	CA	10"	Crab Apple	Malus caronaria	Fair	SAVE	
206	PR	<u>8''</u>	Pear	Pyrus communis	Fair	REMOVE	
207	PR-	6''	Pear	Pyrus communis	Fair	REMOVE	
20 8	PR	7''	Pear	Pyrus communis	Fair	REMOVE	
209	PR-	10''	Pear	Pyrus communis	Fair	REMOVE	
210	LL	8"	Littleleaf Linden	Tilia cordata	Good	SAVE	
211	LL	<u>8"</u>	Littleleaf Linden	Tilia cordata	Good	REMOVE	
212	LL	8"	Littleleaf Linden	Tilia cordata	Good	REMOVE	
213	ᄔ	8"	Littleleaf Linden	Tilia cordata	Good	REMOVE	
214	H	8 <u>"</u>	Littleleaf Linden	Tilia cordata	Good	REMOVE	
215	H	<u>8"</u>	Littleleaf Linden	Tilia cordata	Good	REMOVE	

Tilia cordata

Tilia cordata

Good

REMOVE

REMOVE

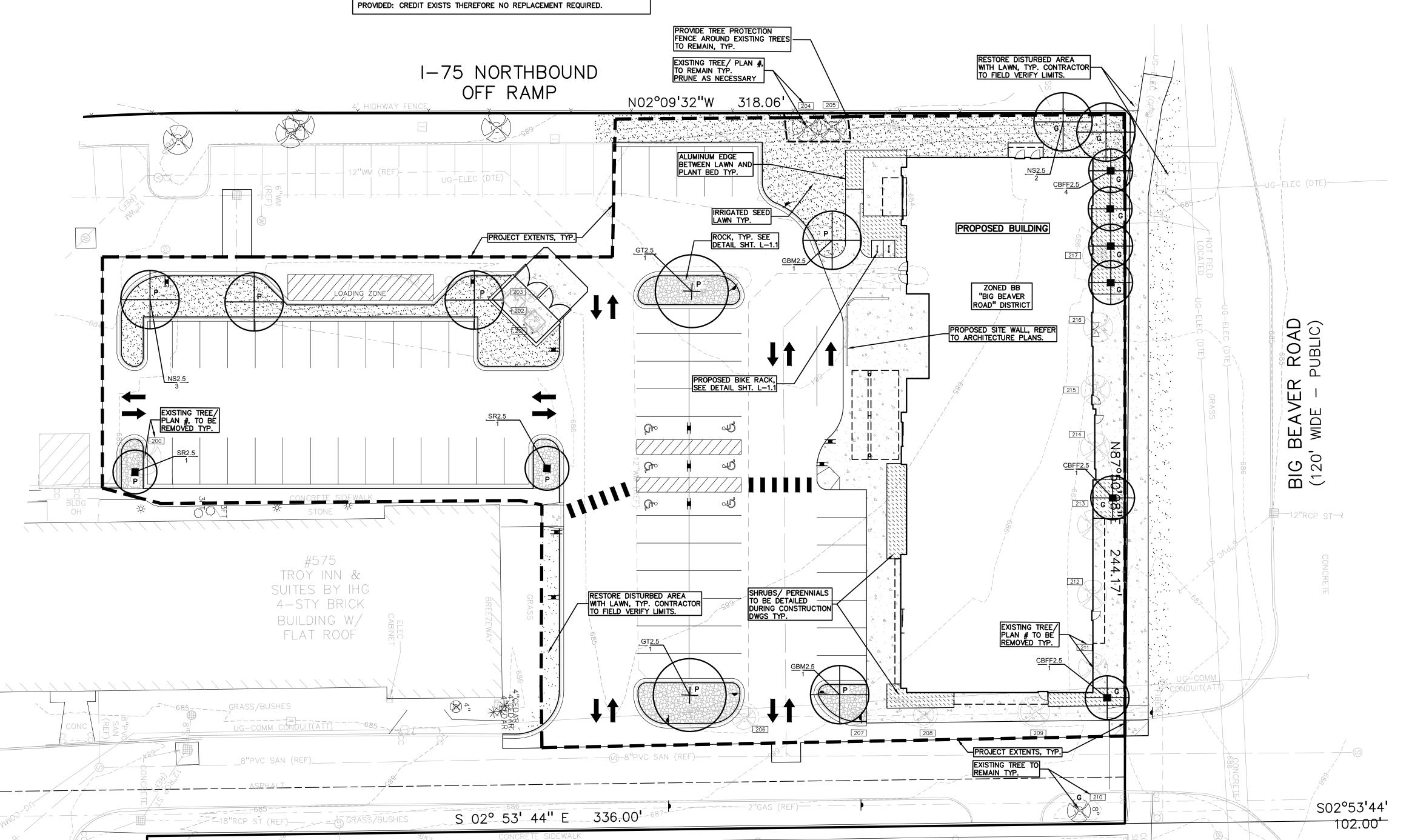
PLANT S	CHEDUI F	LANDSCAPE

CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	DESIGNATION	REMARKS
DECIDU	OUS TR	EES						
CBFF2.5	6	CARPINUS BETULUS 'FRANS FONTAINE'	FRANS FONTAINE HORNBEAM	2.5" CAL.	B&B	PER PLAN	NON-NATIVE	
GBM2.5	2	GINKGO BILOBA 'MAGYAR'	MAGYAR MAIDENHAIR TREE	2.5" CAL.	B&B	PER PLAN	NON-NATIVE	
GT2.5	2	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	SKYLINE® HONEY LOCUST	2.5" CAL.	B&B	PER PLAN	NATIVE	
NS2.5	5	NYSSA SYLVATICA	TUPELO	2.5" CAL.	B&B	PER PLAN	NATIVE	
SR2.5	2	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2.5" CAL.	B&B	PER PLAN	NON-NATIVE	
	17	SUBTOTAL:						

TREE REPLACEMENT: WITHIN PROJECT EXTENTS REQUIRED: LANDMARK TREES - 100% DBH TO BE REPLACED. NONE, O" REPLACEMENT WOODLAND TREES - 6" CAL. AND UP - 50% DBH TO BE REPLACED. 105" x 50% = 52.5" WOODLAND REPLACEMENT WOODLAND TREES SAVED, 2x DBH RETAINED OFF REPLACEMENT REQUIRED. SAVED 3 TREES, 28" X 2 = 56" WOODLAND CREDIT 52.5" - 56" = 3.5" CREDIT

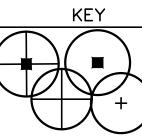
Littleleaf Linden

Littleleaf Linden



PARCEL ID

20-28-203-030



PROPOSED DECIDUOUS TREES

= IRRIGATED SEED LAWN



= RESTORE SEED LAWN = PROPOSED SHRUBS/ PERENNIALS TO BE DETAILED DURING CONSTRUCTION DWGS.



= ROCK, SEE LANDSCAPE DTL. SHT. L-1.1



= EXISTING TREE/PLAN # TO REMAIN

= EXISTING TREE/PLAN # TO BE REMOVED = TREE PROTECTION FENCING

= PROJECT EXTENTS

ALL LAWN AND LANDSCAPE AREAS TO BE IRRIGATED LETTER DESIGNATION FOR LANDSCAPE ORDINANCE MATERIAL G = GREENBELT TREES

P = PARKING TREES

SEE SHEET L-1.1 FOR LANDSCAPE DETAILS

LANDSCAPE CALCULATIONS:
PER CITY OF TROY ZONING ORDINANCE; BB-BIG BEAVER ROAD DISTRICT PROPOSED USE, MIXED USE

GREENBELT = G
1 DEC TREE PER 30 LF OF FRONTAGE ABUTTING A PUBLIC ROW REQUIRED: BIG BEAVER RD. 244.17 LF / 30 = 8 TREES PROVIDED: 8 PROPOSED TREES, 1 EXISTING TREE TO REMAIN.

PARKING LOT LANDSCAPING = P REQUIRED: 1 TREE / 8 PARKING SPACES AND MINIMUM 200 SF PARKING ISLAND WITH TREES INSIDE ISLAND. LANDSCAPING TO BE 5' FROM THE CURB WHERE THERE IS VEHICLE OVERHANG AND 3' WHERE THERE IS NOT.

66 PARKING SPACES W/IN PROJECTS EXTENTS/ 8 = 9 TREES PROVIDED: 9 PROPOSED TREES

GENERAL SITE LANDSCAPE
REQUIRED: 20% OF SITE AREA SHALL BE LANDSCAPE MATERIAL. PROJECT EXTENT LIMITS W/IN R.O.W: 54,505 SF X 20 % =

PROVIDED: 8.716 (LAWN & PLANT BEDS) 16% SOFT-SCAPE WITHIN PROJECT EXTENT LIMITS W/IN R.O.W

GENERAL PLANTING NOTES:

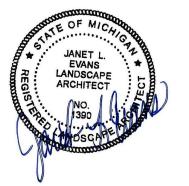
- LANDSCAPE CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING SITE CONDITIONS AND REVIEW PROPOSED PLANTING AND RELATED WORK. IN CASE OF DISCREPANCY BETWEEN PLAN AND PLANT LIST, PLAN SHALL GOVERN QUANTITIES. CONTACT LANDSCAPE ARCHITECT WITH ANY CONCERNS.
- 2. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS/HER PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, CABLÉ TELEVISION MAY BE LOCATED BY CALLING MISS DIG 1-800-482-7171. ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR SHALL COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO
- . ALL PLANT MATERIAL TO BE PREMIUM GRADE NURSERY STOCK AND SHALL SATISFY AMERICAN ASSOCIATION OF NURSERYMEN STANDARD FOR NURSERY STOCK. ALL LANDSCAPE MATERIAL SHALL BE NORTHERN GROWN, NO. 1. GRADE.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON LANDSCAPE PLAN PRIOR TO PRICING THE WORK.
- 5. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
- 6. ALL SINGLE STEM SHADE TREES TO HAVE STRAIGHT TRUNKS AND SYMMETRICAL CROWNS.
- ALL SINGLE TRUNK SHADE TREES TO HAVE A CENTRAL LEADER; TREES WITH FORKED OR IRREGULAR TRUNKS WILL NOT BE
- 8. ALL MULTI STEM TREES SHALL BE HEAVILY BRANCHED AND HAVE SYMMETRICAL CROWNS. ONE SIDED TREES OR THOSE WITH THIN OR OPEN CROWNS SHALL NOT BE ACCEPTED. 9. ALL EVERGREEN TREES SHALL BE HEAVILY BRANCHED AND FULL TO THE GROUND, SYMMETRICAL IN SHAPE AND NOT SHEARED
- FOR THE LAST FIVE GROWING SEASONS. 10. ALL TREES TO HAVE CLAY OR CLAY LOAM BALLS, TREES WITH SAND BALLS WILL BE REJECTED.
- 1. NO MACHINERY IS TO BE USED WITHIN THE DRIP LINE OF EXISTING TREES; HAND GRADE ALL LAWN AREAS WITHIN THE DRIP LINE OF EXISTING TREES. 12. ALL TREE LOCATIONS SHALL BE STAKED BY LANDSCAPE
- LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF THE PLANT

CONTRACTOR AND ARE SUBJECT TO THE APPROVAL OF THE

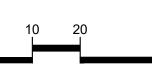
- 13. IT IS MANDATORY THAT POSITIVE DRAINAGE IS PROVIDED AWAY FROM ALL BUILDINGS.
- 14. ALL PLANTING BEDS SHALL RECEIVE 3" SHREDDED HARDWOOD BARK MULCH WITH PRE EMERGENT, SEE SPECIFICATIONS. SHREDDED PALETTE AND DYED MULCH WILL NOT BE ACCEPTED.
- 15. ALL LANDSCAPED AREAS SHALL RECEIVE 3" COMPACTED
- 16. SEE SPECIFICATIONS FOR ADDITIONAL COMMENTS, REQUIREMENTS, PLANTING PROCEDURES AND WARRANTY STANDARDS.
- 17. FOR NON-LAWN SEED MIX AREAS, AS NOTED ON PLAN, BRUSH MOW ONCE SEASONALLY FOR INVASIVE SPECIES CONTROL.
- 18. CONTRACTOR SHALL NOT INSTALL PLANTS UNDER BUILDING OVERHANG AND SHALL NOTIFY LANDSCAPE ARCHITECT IF DRAWINGS CONFLICT WITH BUILDING OVERHANGS.
- 19. TREES SHALL NOT CONFLICT/ BLOCK PROPOSED REGULATORY/ DIRECTION SIGNAGE, MONUMENT SIGNS, ADDRESS OR LIGHT POLES. SHIFT TREES AS NECESSARY TYP.

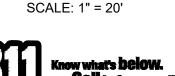
GROUP

t: 844.813.2949 www.peagroup.com

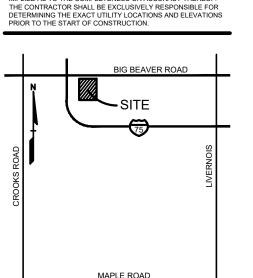








CAUTION!! I'HE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUN JTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOI



BACALL CO., LLC 390 PARK STREET, SUITE 201 BIRMINGHAM, MICHIGAN 48009

PROJECT TITLE

BB MIXED USE BIG BEAVER ROAD TROY, MICHIGAN

REVISIONS		
-		-

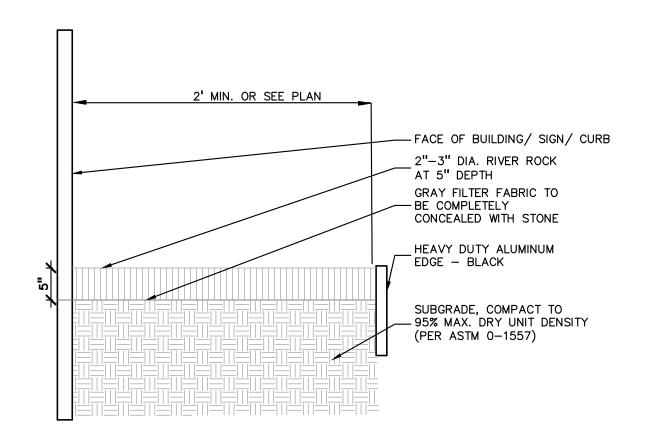
ORIGINAL ISSUE DATE: JANUARY 21, 2025

DRAWING TITLE **PRELIMINARY** LANDSCAPE

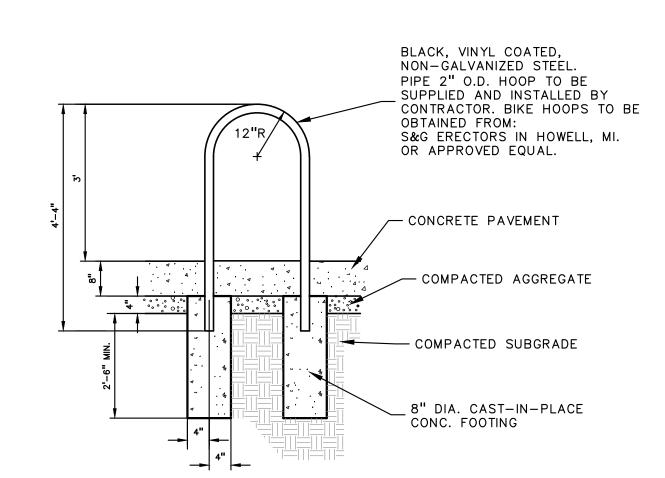
PLAN

PEA JOB NO. 24-2080 JPB JLE DES. JLE DRAWING NUMBER:

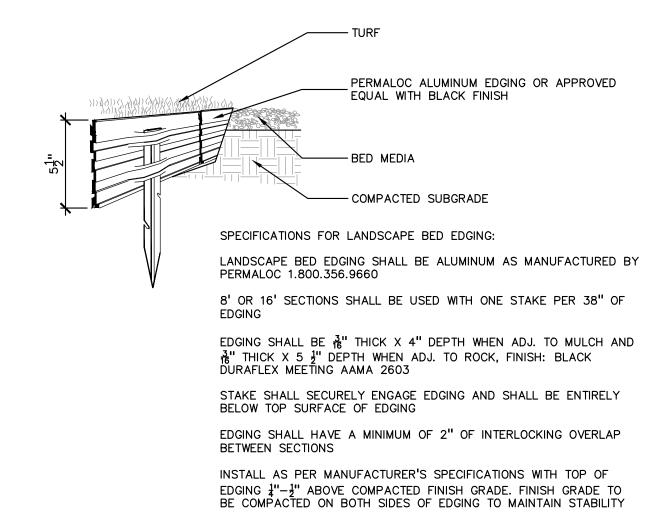
NOT FOR CONSTRUCTION



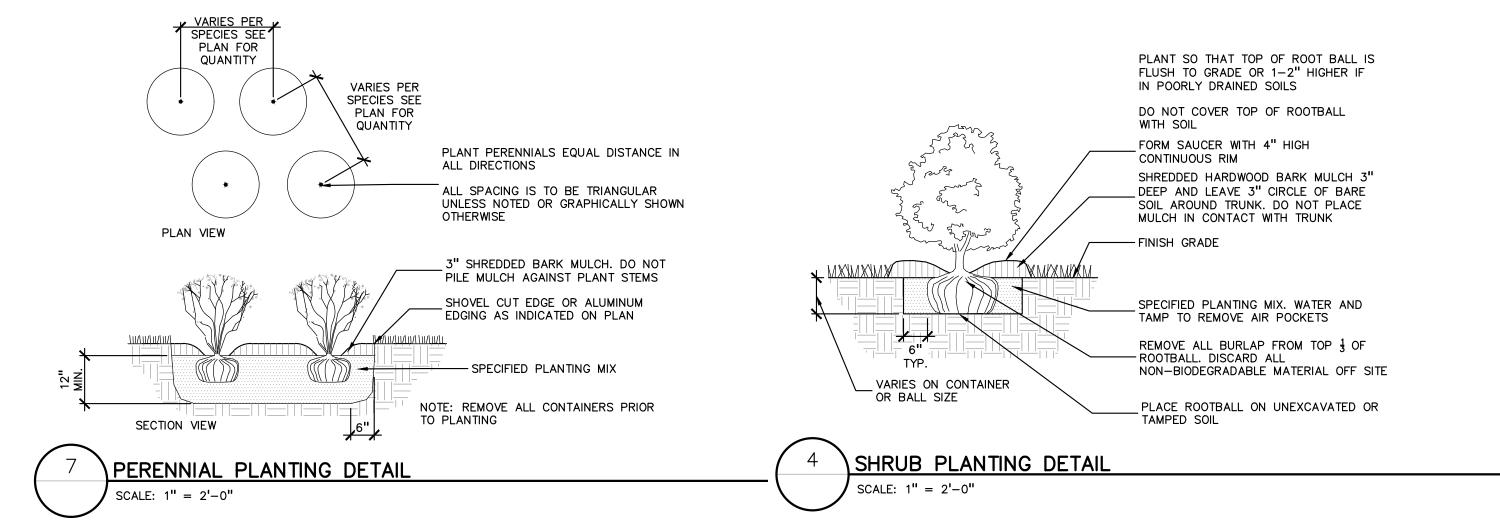
RIVER ROCK EDGE DETAIL SCALE: $1 \frac{1}{2}$ " = 1'-0"

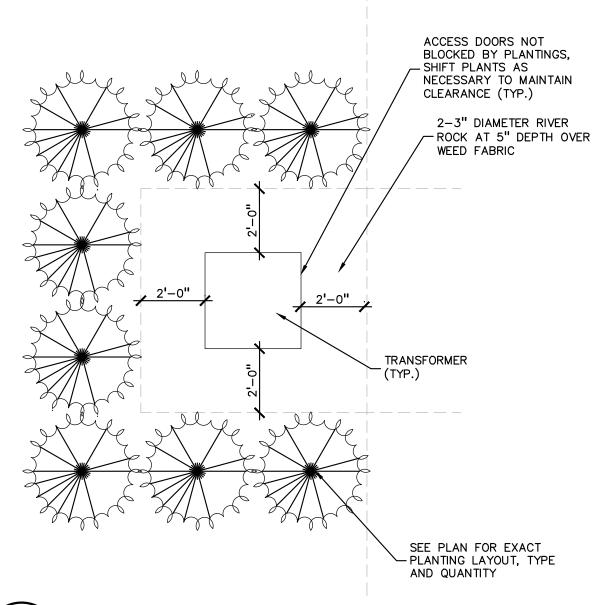


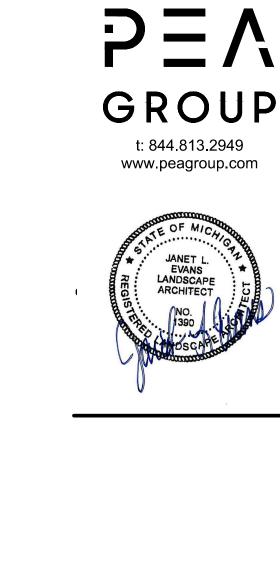
BIKE RACK DETAIL NOT TO SCALE



ALUMINUM EDGE DETAIL SCALE: 1/2'' = 1'-0''







TRANSFORMER SCREENING DETAIL; IF PRESENT SCALE: 1'' = 3'-0''



THE LOCATIONS!

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

BIG BEAVER ROAD

-SITE

MAPLE ROAD

BACALL CO., LLC

390 PARK STREET, SUITE 201

BIRMINGHAM, MICHIGAN 48009

CAUTION!!

TREE PROTECTION WILL BE ERECTED PRIOR TO START OF CONSTRUCTION ACTIVITIES AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE NO PERSON MAY CONDUCT ANY ACTIVITY WITHIN THE DRIP LINE OF ANY TREE DESIGNATED TO REMAIN; INCLUDING, BUT NOT LIMITED TO PLACING SOLVENTS, BUILDING MATERIAL, CONSTRUCTION EQUIPMENT OR SOIL DEPOSITS WITHIN DRIP LINES

GRADE CHANGES MAY NOT OCCUR WITHIN THE DRIP LINE OF PROTECTED TREES

DURING CONSTRUCTION, NO PERSON SHALL ATTACH ANY DEVICE OR WIRE TO ANY REMAINING TREE

ALL UTILITY SERVICE REQUESTS MUST INCLUDE NOTIFICATION TO THE INSTALLER THAT PROTECTED TREES MUST BE AVOIDED. ALL TRENCHING SHALL OCCUR OUTSIDE OF THE PROTECTIVE FENCING TREES LOCATED ON ADJACENT PROPERTY THAT MAY

BE AFFECTED BY CONSTRUCTION ACTIVITIES MUST BE TREES TO BE PRESERVED SHALL BE IDENTIFIED WITH FLAGGING PRIOR TO THE TREE CLEARING

OPERATIONS PROVIDE FENCE AROUND CRITICAL ROOT ZONE OF

FENCE SHALL BE PLACED IN A CIRCLE WITH A MINIMUM RADIUS OF 1' PER 1" DIAMETER OF THE TREE MEASURED AT 4.5' ABOVE GROUND

4'HIGH PROTECTIVE FENCING WITH STEEL POSTS - 10' O.C. — EXISTING SOIL

PROJECT TITLE **BB MIXED USE**

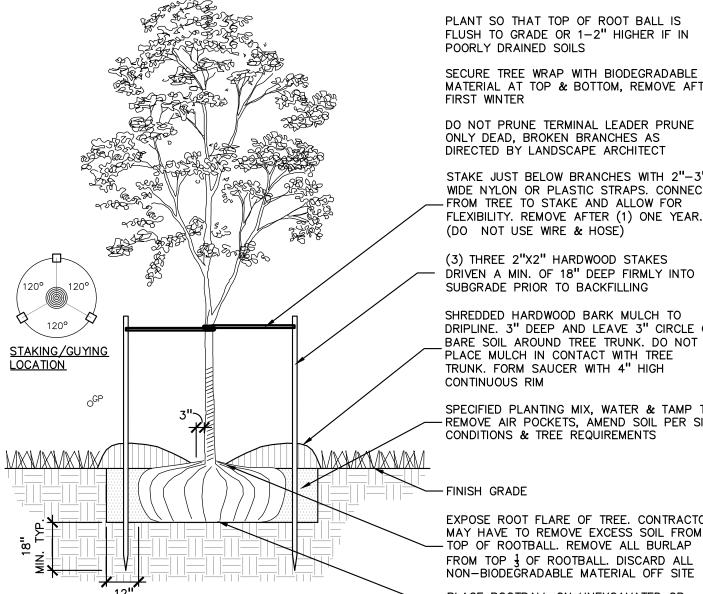
BIG BEAVER ROAD TROY, MICHIGAN

REVISIONS

CLIENT

TREE PROTECTION DETAIL SCALE: 1'' = 3'-0''

SCALE: 1'' = 3'-0''



PLANT SO THAT TOP OF ROOT BALL IS FLUSH TO GRADE OR 1-2" HIGHER IF IN POORLY DRAINED SOILS

MATERIAL AT TOP & BOTTOM, REMOVE AFTER

DO NOT PRUNE TERMINAL LEADER PRUNE ONLY DEAD, BROKEN BRANCHES AS DIRECTED BY LANDSCAPE ARCHITECT

STAKE JUST BELOW BRANCHES WITH 2"-3" WIDE NYLON OR PLASTIC STRAPS. CONNECT FLEXIBILITY. REMOVE AFTER (1) ONE YEAR. (DO NOT USE WIRE & HOSE)

(3) THREE 2"X2" HARDWOOD STAKES DRIVEN A MIN. OF 18" DEEP FIRMLY INTO SUBGRADE PRIOR TO BACKFILLING

SHREDDED HARDWOOD BARK MULCH TO DRIPLINE. 3" DEEP AND LEAVE 3" CIRCLE OF BARE SOIL AROUND TREE TRUNK. DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK. FORM SAUCER WITH 4" HIGH

SPECIFIED PLANTING MIX, WATER & TAMP TO - REMOVE AIR POCKETS, AMEND SOIL PER SITE CONDITIONS & TREE REQUIREMENTS

- FINISH GRADE EXPOSE ROOT FLARE OF TREE. CONTRACTOR MAY HAVE TO REMOVE EXCESS SOIL FROM

- TOP OF ROOTBALL. REMOVE ALL BURLAP FROM TOP 3 OF ROOTBALL. DISCARD ALL NON-BIODEGRADABLE MATERIAL OFF SITE _ PLACE ROOTBALL ON UNEXCAVATED OR TAMPED SOIL DECIDUOUS TREE PLANTING DETAIL

P.M. JPB DN. CAL DES. JLE DRAWING NUMBER:

ORIGINAL ISSUE DATE:

LANDSCAPE

DETAILS

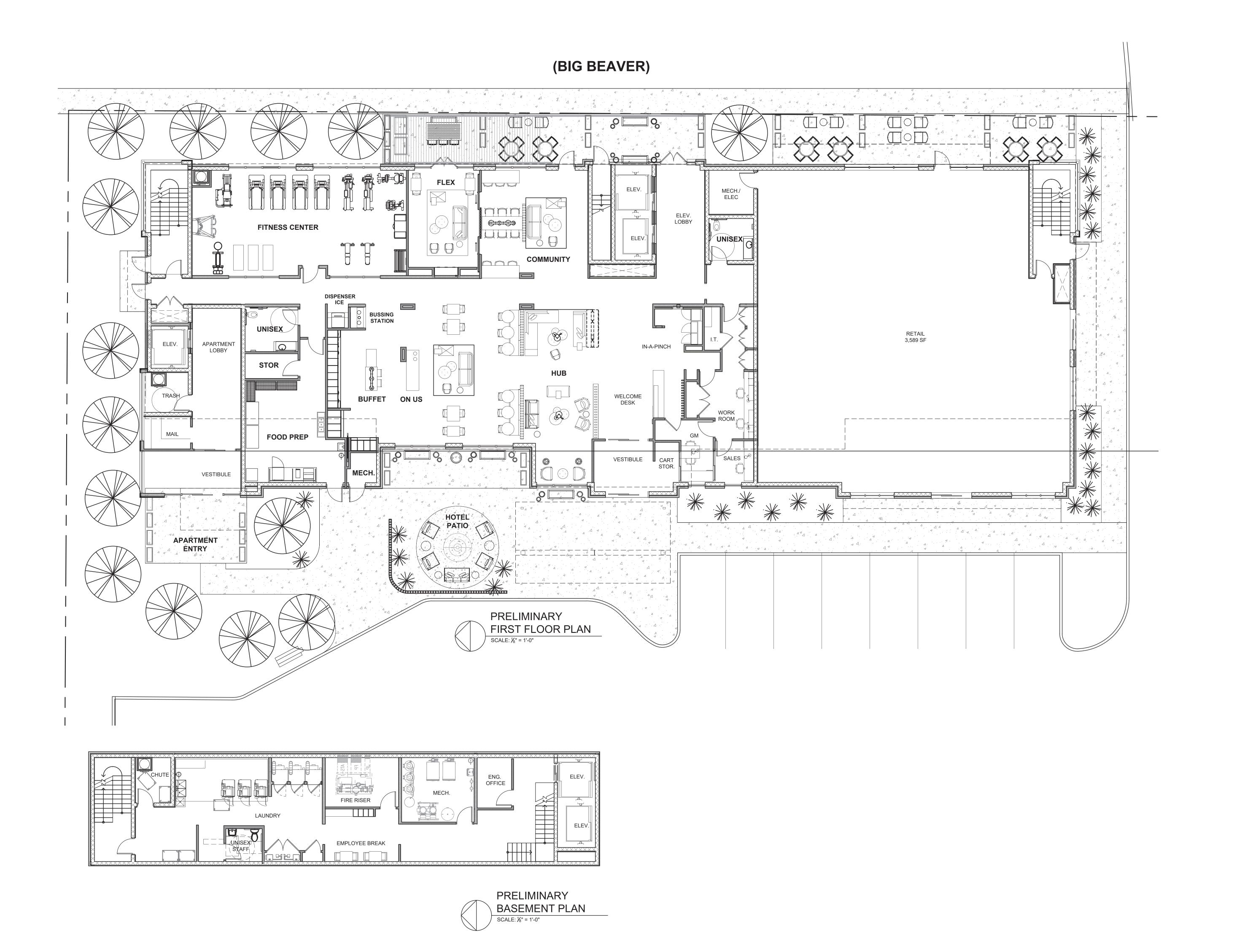
24-2080

JANUARY 21, 2025

DRAWING TITLE

PEA JOB NO.

NOT FOR CONSTRUCTION





CONSULTANT + NAME

PROJECT + INFORMATION
HOTEL DEVELOPMENT

PROJECT + NUMBER

23-202-02

ISSUE + DATE

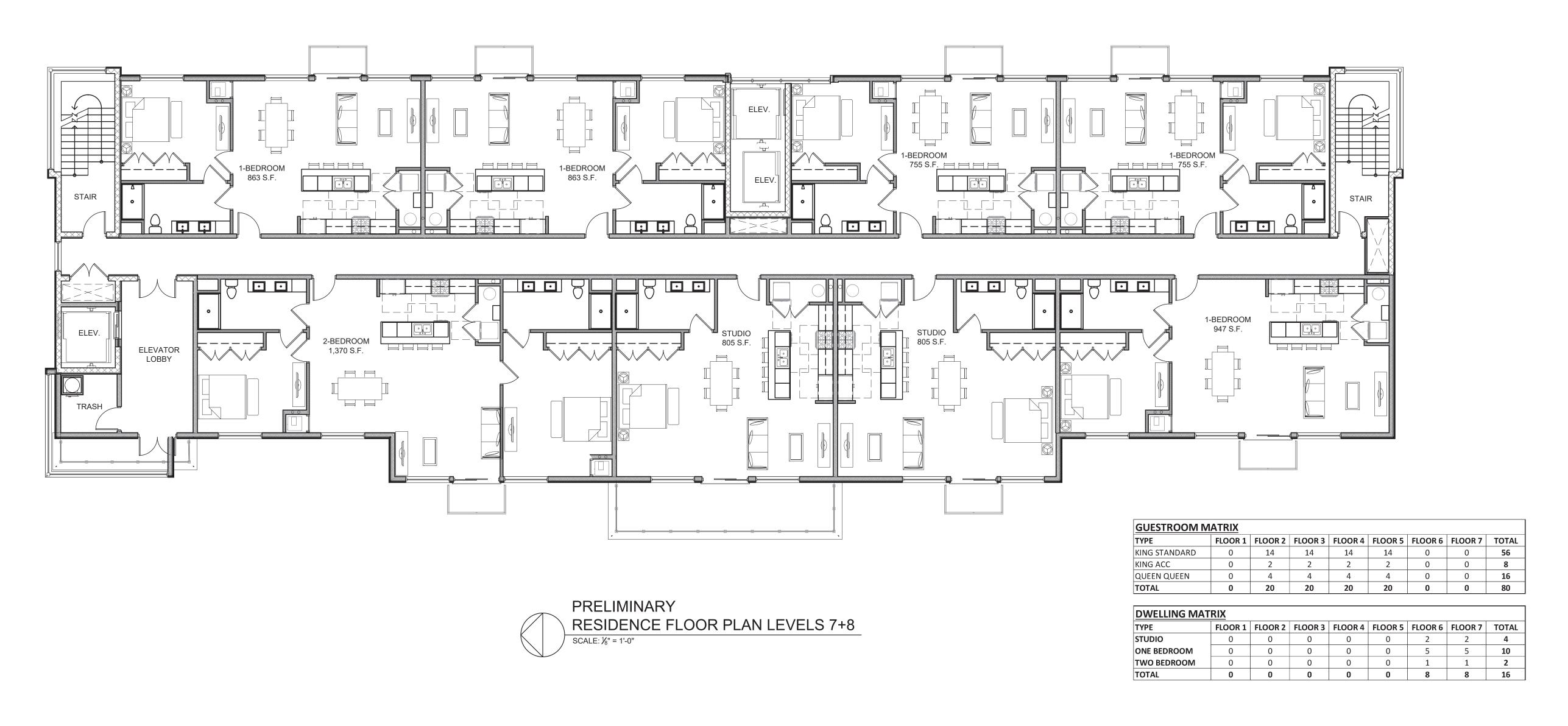
18 OCT 2024 PRELIM
05 NOV 2024 PRELIM
XX NOV 2024 SITE PLAN

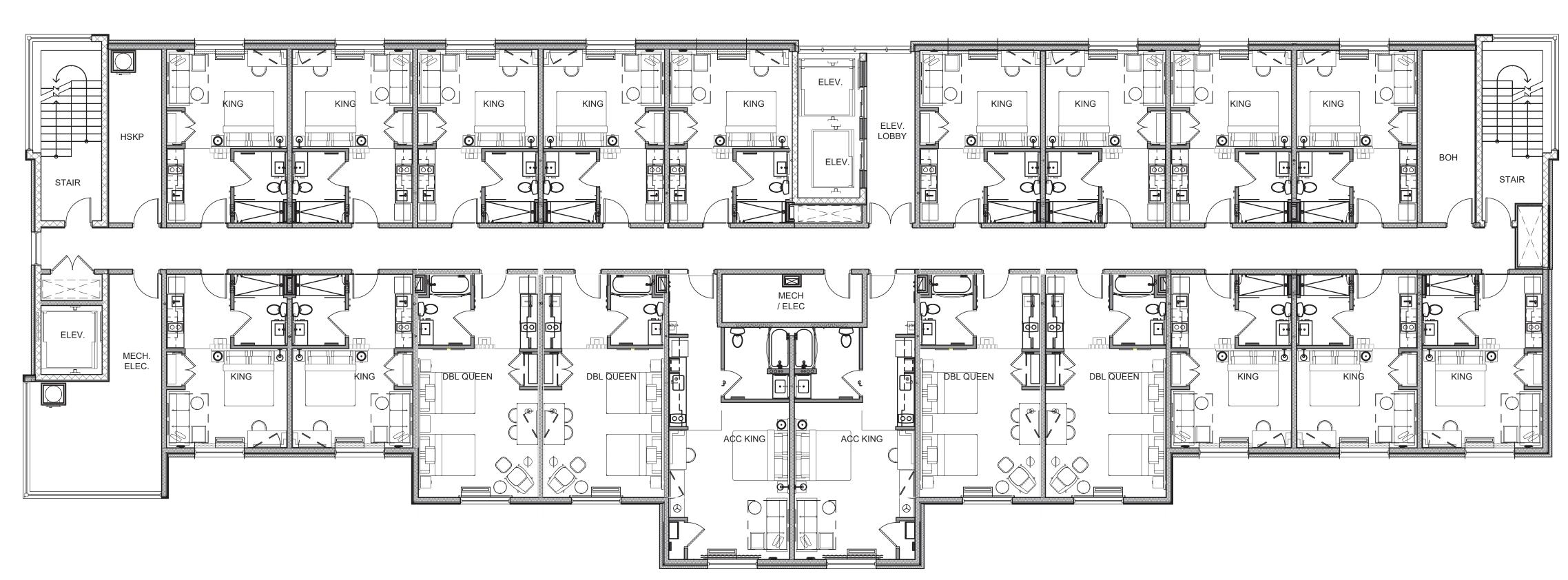
SHEET + TITLE FIRST FLOOR PLAN

2320202mast.dwg

A-100

SHEET + NUMBER









CONSULTANT + NAME

+ INFORMATION
EL DEVELOPMENT

PROJECT +

HOTE

BIG BEAV

TROY, MI

23-202-02

ISSUE + DATE

18 OCT 2024 PRELIM
05 NOV 2024 PRELIM
XX NOV 2024 SITE PLAN

SHEET + TITLE

TYPICAL UPPER

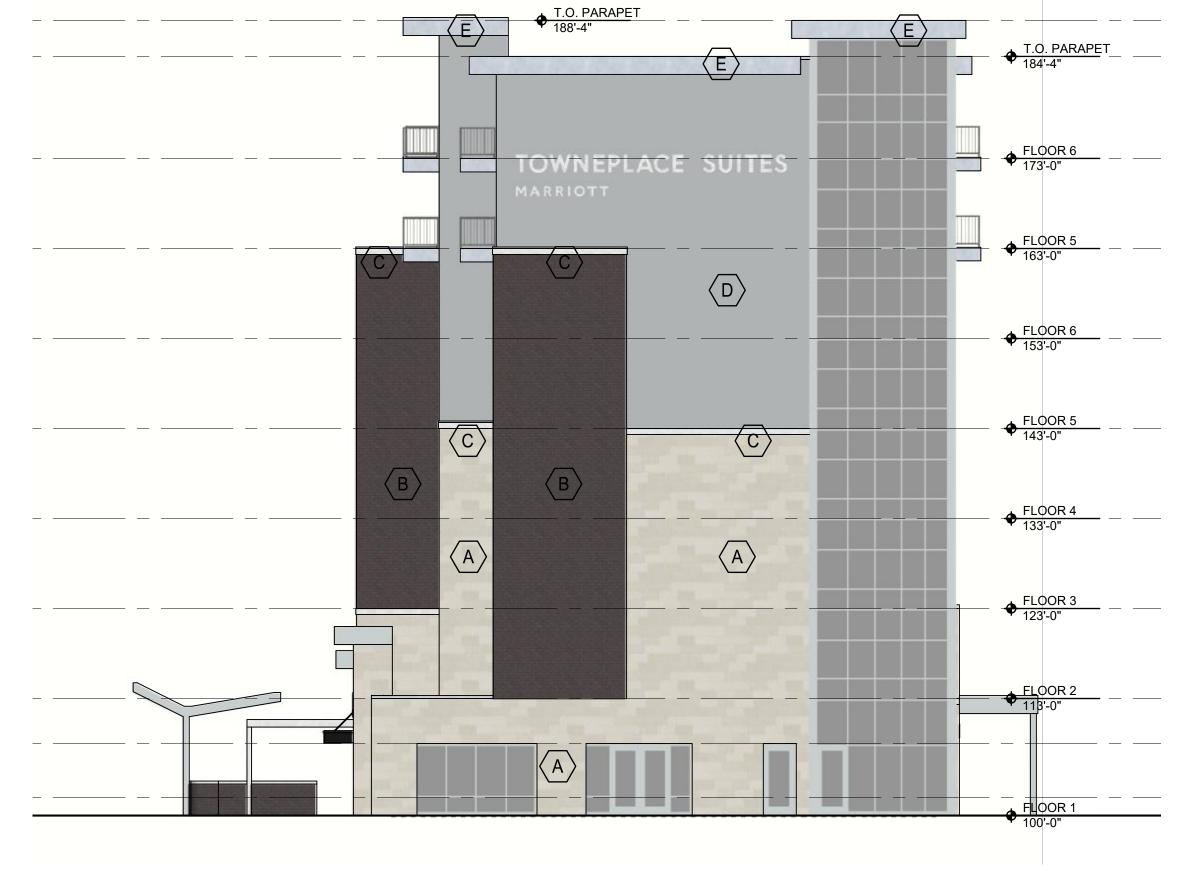
FLOOR PLAN

SHEET + NUMBER

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A-101





GROUND FLOOR ACTIVATION TOTAL AREA: 1,116 MIN 50% TRANSPARENCY REQ'D TRANSPARENCY AREA: 735 | 66%

EXTERIOR ELEVATION A-300 A-300 SCALE: 3/32" = 1'-0"

TAG	MATERIAL	MANUF	STYLE	COLOR
A	STONE MASONRY VENEER	READING ROCK	12x24	BUFFSTONE
В	BRICK	BELDEN	MODULAR	BRANDYWINE VELOUR
С	STONE ACCENT BAND	READING ROCK	ACCENT BAND	BRILLIANT WHITE
D	PREFIN. MTL. PANEL	ATAS OR EQUAL	VERITCAL	TBD
E	PREFIN. MTL. PANEL	ATAS OR EQUAL	TBD	CLEAR ANOD. ALUM.
F	DOOR/WINDOW FRAMES	KAWNEER	TBD	CLEAR ANOD. ALUM.

EXTERIOR ELEVATION A-300 A-300 SCALE: 3/32" = 1'-0"

GROUND FLOOR ACTIVATION
TOTAL AREA: 402
MIN 30% TRANSPARENCY REQ'D
TRANSPARENCY AREA: 267 | 66%

MIN 30% TRANSPARENCY REQ'D

TRANSPARENCY AREA: 306 | 65%

BOWERS+ASSOCIATES, INC. 2400 South Huron Parkway Ann Arbor, mi 48104 P: 734.975.2400

WWW.BOWERSARCH.COM

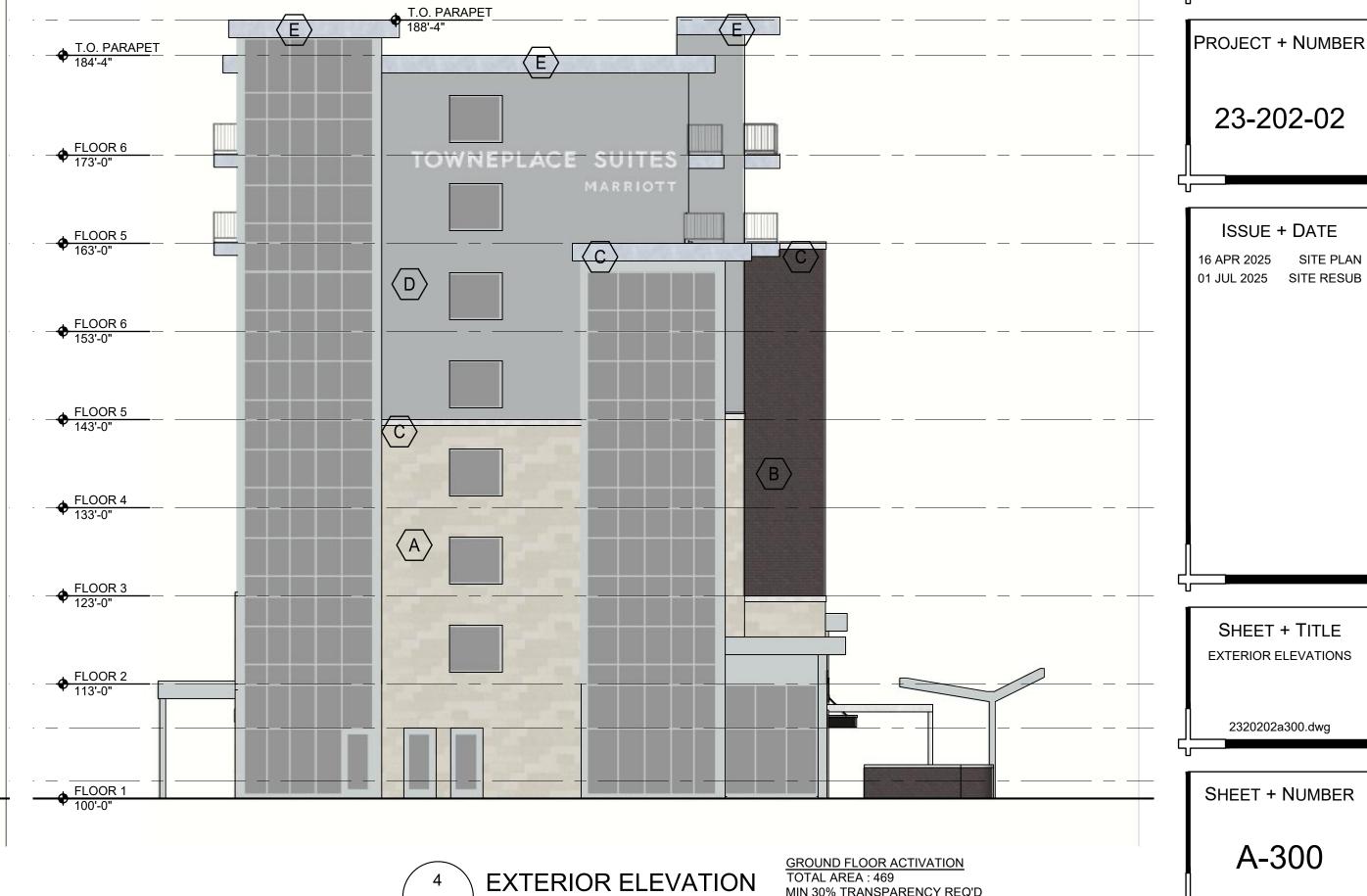
OPMENT

DEVEL

E

HOT





A-300 A-300 SCALE: 3/32" = 1'-0"

GROUND FLOOR ACTIVATION TOTAL AREA: 1,111 MIN 30% TRANSPARENCY REQ'D TRANSPARENCY AREA: 573 | 52%













BOWERS+ASSOCIATES
ARCHITECTURE DESIGN



BOWERS+ASSOCIATES
ARCHITECTURE DESIGN





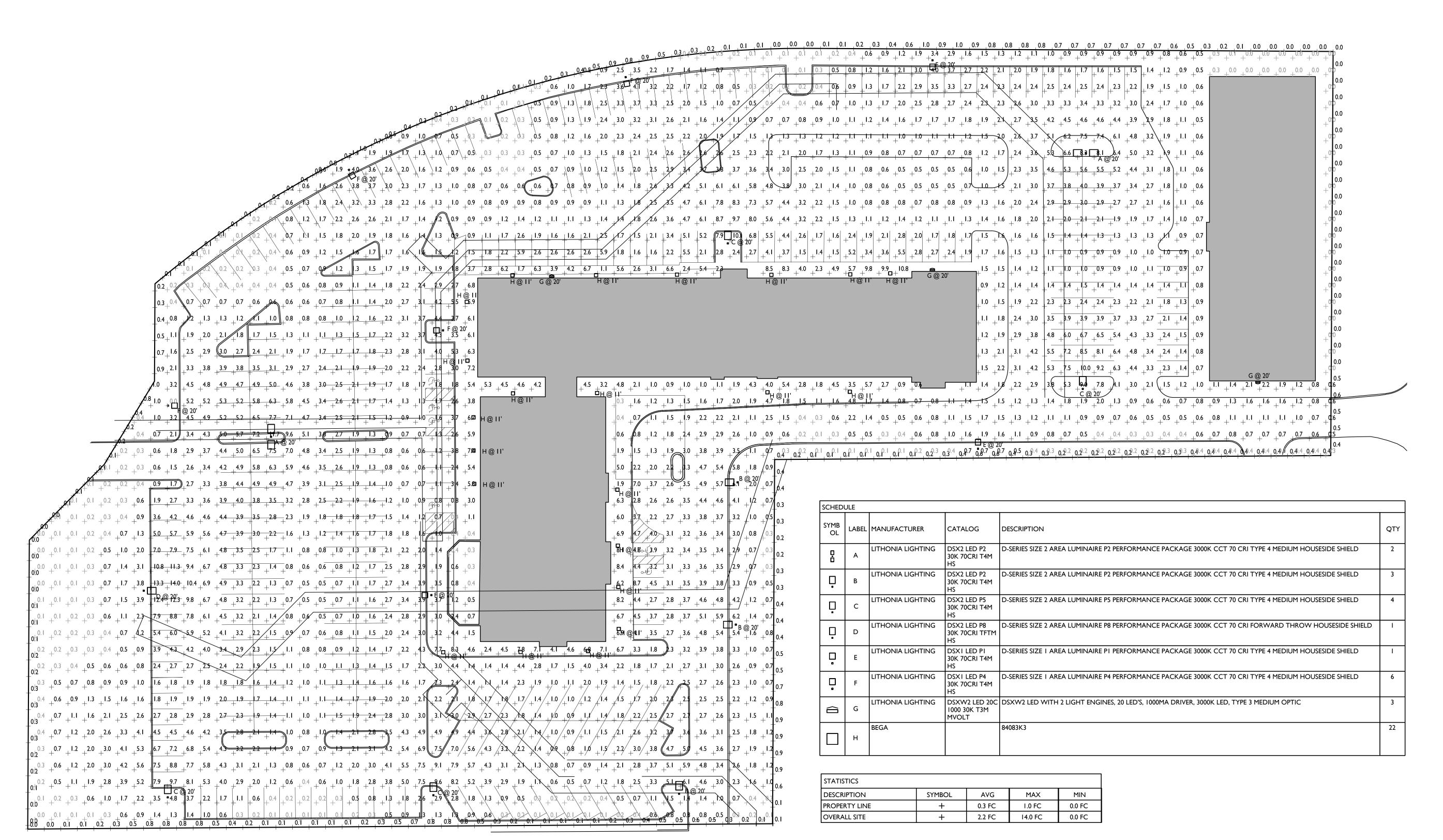






BOWERS+ASSOCIATES

ARCHITECTURE DESIGN







CONSULTANT + NAME

EL DEVELOPMENT

HOH

PROJECT + NUMBER

23-202

ISSUE + DATE

SHEET + TITLE
PHOTOMETRIC PLAN

23202ph100.dwg

A-010

SHEET + NUMBER

PEA GROUP

. . .

1849 Pond Run Auburn Hills, MI 48326 844.813.2949 peagroup.com

July 30, 2025

PEA Group Project No: 24-2080.00

SavidantB@troymi.gov

R. Brent Savidant, AICP Community Development Director City of Troy Planning Director 555 West Big Beaver Troy, Michigan 48084

RE: Parking Narrative

Proposed BB Mixed Use Project (539 Big Beaver)

Mr. Savidant:

Per your request, our office has prepared this parking narrative for the proposed project. This parking narrative was requested due to concerns related to how construction parking and staging would be handled during the construction operations of not only our project but the project to the east (363 Big Beaver).

Currently there are 402 parking spaces available on-site. The existing restaurant is being demolished, so there will be zero demand for parking. The construction of the new building along Big Beaver will require the elimination of 75 spaces. Based upon the zoning ordinance requirements the hotel use will require 216 spaces.

During construction there would be a parking demand for the hotel of 216 spaces, and there would be a supply of 327 spaces (402-75), leaving an excess of 111 spaces (327-216) available for construction parking and staging operations.

The owners of 539 Big Beaver have a recorded non-exclusive easement agreement with the owners of 363 Big Beaver to allow for use of 25 parking spaces, see attached exhibit. With this agreement, the amount of excess parking available during construction would be 86 parking spaces.

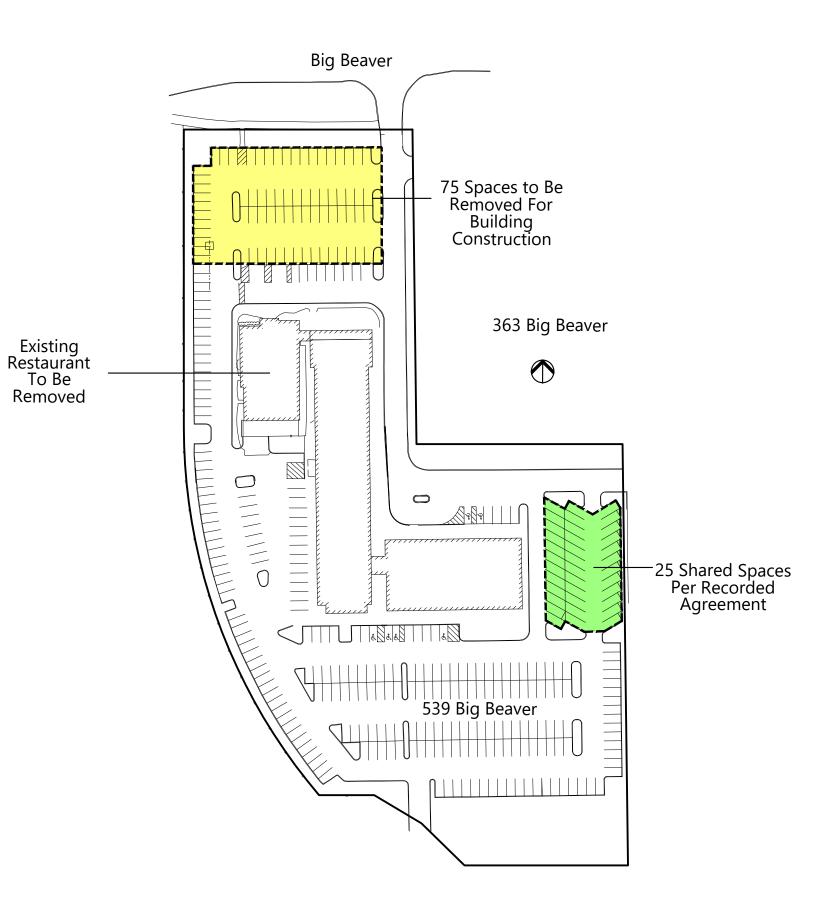
If you should have any questions or require any additional information, please contact this office.

Sincerely,

PEA Group

James P. Butler, PE Project Executive/Principal

Attachment: Parking Exhibit



From: Stephen Dearing
To: Brent Savidant

Cc: <u>Benjamin Carlisle; Scott G Finlay</u>
Subject: RE: Big Beaver Mixed Use

Date: Wednesday, August 6, 2025 8:36:54 AM

Attachments: image011.png image012.png

image012.png image013.png image014.png image015.png image016.png image017.png image019.png image020.png image021.png

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I have looked at their parking analysis and it looks good. I might have quibbled a little about only loosing 75 parking stalls to the construction of their new building. It is true that it will be a total of 75 permanently lost, but more will be impacted during construction. In any case, they have plenty of excess to deal with both their site and 383 Big Beaver during the construction phases.

STEPHEN DEARING, PE, PTOE | OHM Advisors® SENIOR TECHNICAL LEADER

 $\textbf{D} \; (734) \; 466\text{-}4413 \; | \; \textbf{M} \; (248) \; 798\text{-}6819 \; | \; \textbf{O} \; (734) \; 522\text{-}6711$

OHM-Advisors.com

From: Brent Savidant <SavidantB@troymi.gov>

Sent: Thursday, July 31, 2025 9:00 AM

To: Stephen Dearing <stephen.dearing@ohm-advisors.com>

Cc: Benjamin Carlisle <bcarlisle@cwaplan.com>; Scott G Finlay <FinlaySG@troymi.gov>

Subject: FW: Big Beaver Mixed Use

This Message originated outside your organization.

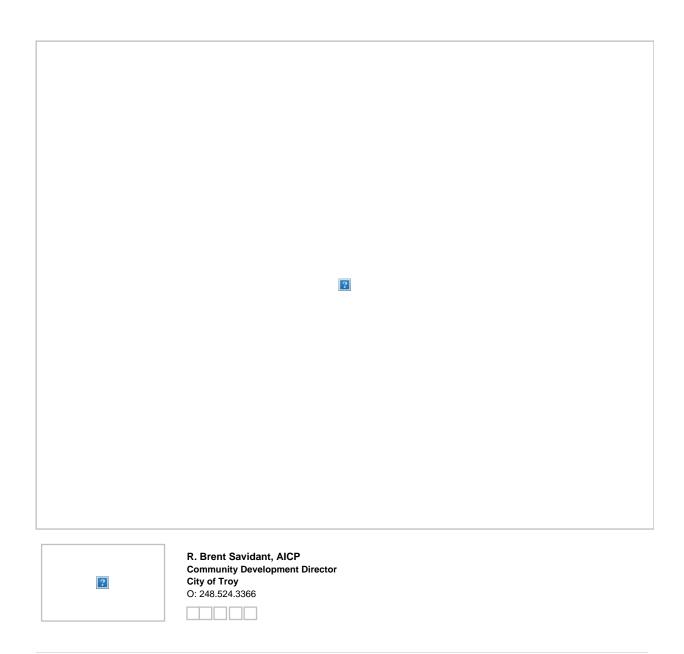
Steve:

Wondering if you could take a quick look at the attached? The concern Planning has is, the mixed use project at 363 Big Beaver was approved in part because they told the PC that the office tenants will park at the property to the west (539 Big Beaver will be the official address of the mixed use building).

Do these numbers work?

A simple email response will suffice at this time.

Let me know if you need additional information.



From: James P. Butler < jbutler@peagroup.com> **Sent:** Wednesday, July 30, 2025 4:51 PM

To: Benjamin Carlisle < benjamin Carlisle@cwaplan.com>; Brent Savidant < SavidantB@troymi.gov>

Subject: RE: Big Beaver Mixed Use

CAUTION: This email did not originate from within the City of Troy. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Attached please find a copy of the parking narrative.

James P. Butler, PE Project Executive, Principal

Cell: 248.821.4841 | Office: 248.689.9090 ext. 1133 | Direct: 248.528.7369

jbutler@peagroup.com



1849 Pond Run, Auburn Hills, MI 48326 peagroup.com | facebook | linkedin | 2024 Crain's Best Places to Work Honoree

Trip Generation Comparison between Proposed BB Mixed-use and 575 Big Beaver (Troy Inn & Suite and former TGI Fridays) City of Troy Oakland County, Michigan



Developer: BACALL CO., LLC

390Park Street, suite 200Birmingham,

Michigan 48009

June 26, 2025

Traffic Engineering Consultants, Inc.

Trip Generation Comparison between
Proposed BB Mixed-use and 575 Big Beaver
(Troy Inn & Suite and former TGI Fridays)
City of Troy Oakland County, Michigan

Traffic Engineering Consultants, Inc. has conducted a comparison for the proposed Trip generation comparison between the proposed BB Mixed-use and the existing 575 Big Beaver (Troy Inn & Suite and the former TGI Fridays) in the City of Troy. Originally the existed Mix-use development was the Hotel and the Restaurant with the development, but, the Restaurant was closed and will be demolished to make space for additional parking for the proposed BB Mixed-use and other developments immediately adjacent to the East. The existing development and the proposed BB Mixed-Use rendering is shown on figure 1 and along with additional site plans in Appendix A and aerial on the cover page.

Traffic Engineering Consultants, Inc.

Existing Trip Generation

The forecasted trip generation numbers for the now closed Restaurant and Troy Inn & Suites were derived using the Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)* and engineering judgment for land use 310 Hotel and land use 930 Fast Casual Restaurant. The trip information is shown in Table 1 below and Appendix B.

Table 1: Trip Generation - Existing Uses- Troy Inn& Suites & Restaurant

	ITE	Size	AM Peak Hour			PM	24-Hr		
Land Use	Code No.	SF/Units	In	Out	Total	In	Out	Total	Volume
Fast Casual Restaurant	930	142 seats 6,560 SF	33	31	64	46	37	83	637
Hotel	310	216	55	44	99	65	62	127	1726
Total Ti	88	75	163	111	99	210	2347		

The Trip Generation indicates that the peak hour generates 111 vehicles into the site and 210 vehicles overall in and out.





Figure 1: Rendering

Traffic Engineering Consultants, Inc.

Proposed BB Mixed-Use Development and Trip Generation

The proposed BB Mixed-Use Development will cover 3.75 acres (163,275 SF) and is zoned: BB "Big Beaver" District. The Building footprint area is 11,697 SF and provides 344 parking spaces (including 12 H/C spaces).

The forecasted trip generation numbers for the BB Mixed-Use Development were derived using the Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)* and engineering judgment for land use 310 Hotel, land use 230 Residential/Apartments, and land use 822 Retail. The trip information is shown in Table 1 below and Appendix B.

Table 2: Trip Generation – Proposed BB Mixed Use

	ITE	Size	AM Peak Hour			PM Peak Hour			24-Hr
Land Use	Code No.	SF/Units	In	Out	Total	In	Out	Total	Volume
Apartments	220	16	2	5	7	4	2	6	55
Hotel	310	80	21	16	37	24	23	47	639
Varity Store	814	3,589	5	3	8	12	12	24	196
Total Trips:			28	24	52	40	37	77	890

The Trip Generation indicates that the peak hour generates 40 vehicles into the site and 77 vehicles overall in and out.

Proposed BB Mixed-Use Development and Existing Trip Generation Comparison without the Restaurant

The forecasted trip generation numbers for the BB Mixed-Use Development were derived using the Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)* and engineering judgment for land use 310 Hotel, land use 230 Residential/Apartments, land use 822 Retail, and land use 310 Hotel for the Troy Inn & Suites.

Table 3: Trip Generation - Proposed BB Mixed Use w/Troy Inn & Suites w/o Restaurant

	ITE	Size	AM Peak Hour			PM Peak Hour			24-Hr
Land Use	Code No.	SF/Units	In	Out	Total	In	Out	Total	Volume
Apartments	220	16	2	5	7	4	2	6	55
Hotel	310	80	21	16	37	24	23	47	639
Existing Troy Inn & Suites	310	216	55	44	99	65	62	127	1726
Varity Store	814	3,589	5	3	8	12	12	24	196
Total Trips:			83	68	151	105	99	204	2616

The Trip Generation indicates that the peak hour generates 105 vehicles into the site and 204 vehicles overall in and out.

Conclusions and Recommendations

Based on the forecasted trip generation numbers for the BB Mixed-Use Development using the Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)* and engineering judgment for land use 310 Hotel, land use 230 Residential/Apartments, land use 822 Retail, and land use 310 Hotel for the Troy Inn & Suites, and land use 930 Fast Casual Restaurant. The trip generation indicated that overall the development of the trips show that the demolition of the closed restaurant to add parking and developing the BB Mixed-use results in 6 trips less than the 210 trips generated by the Troy Inn & Suites and maintaining the Restaurant. Based on this the development of the BB Mixed-use creates on impact on the area.

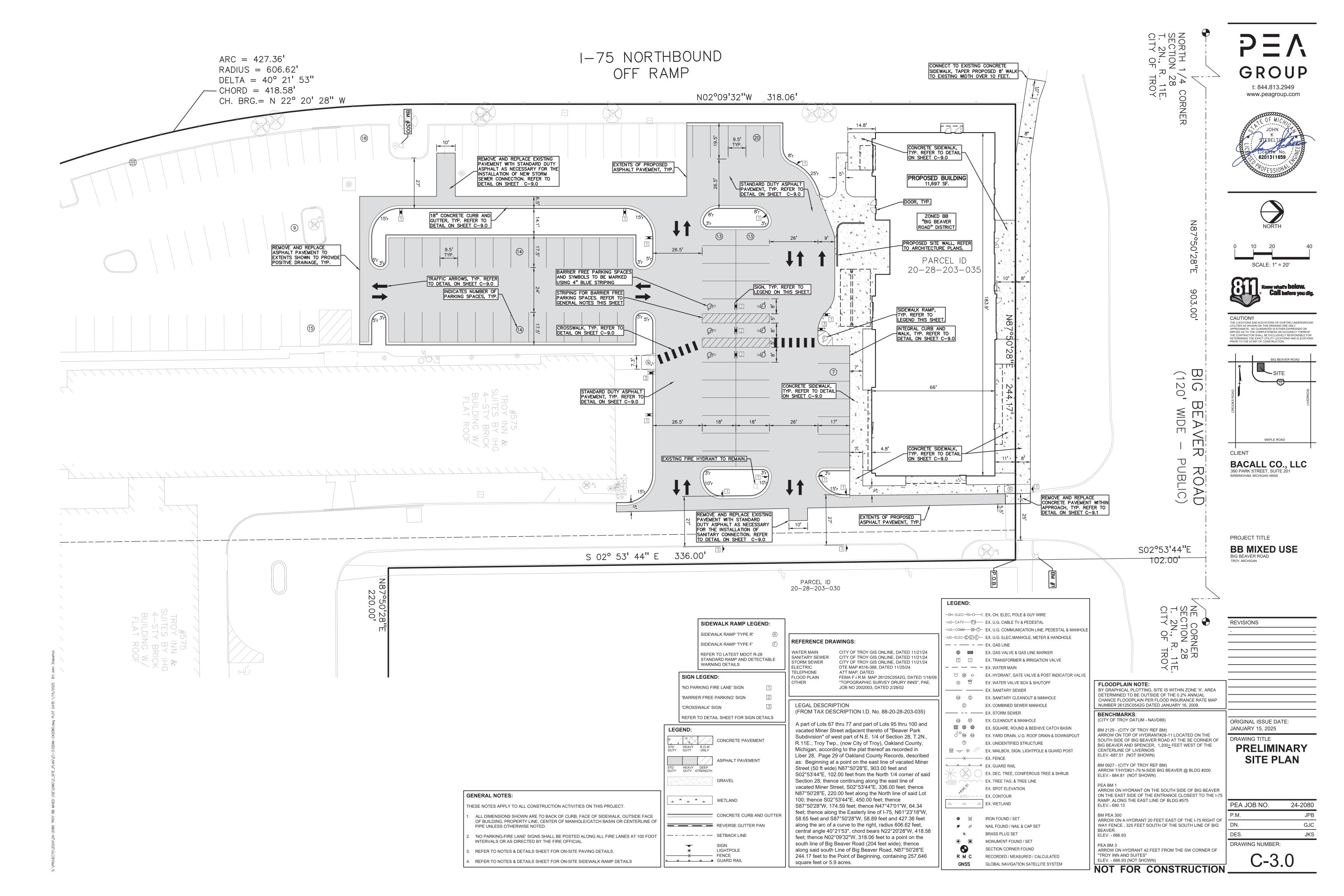
Carlo Santía, P.E.
Traffic Engineering Consultants, Inc.
35890 Monterey
Clinton Township, MI. 48035
586-615-4120
csantia52@hotmail.com

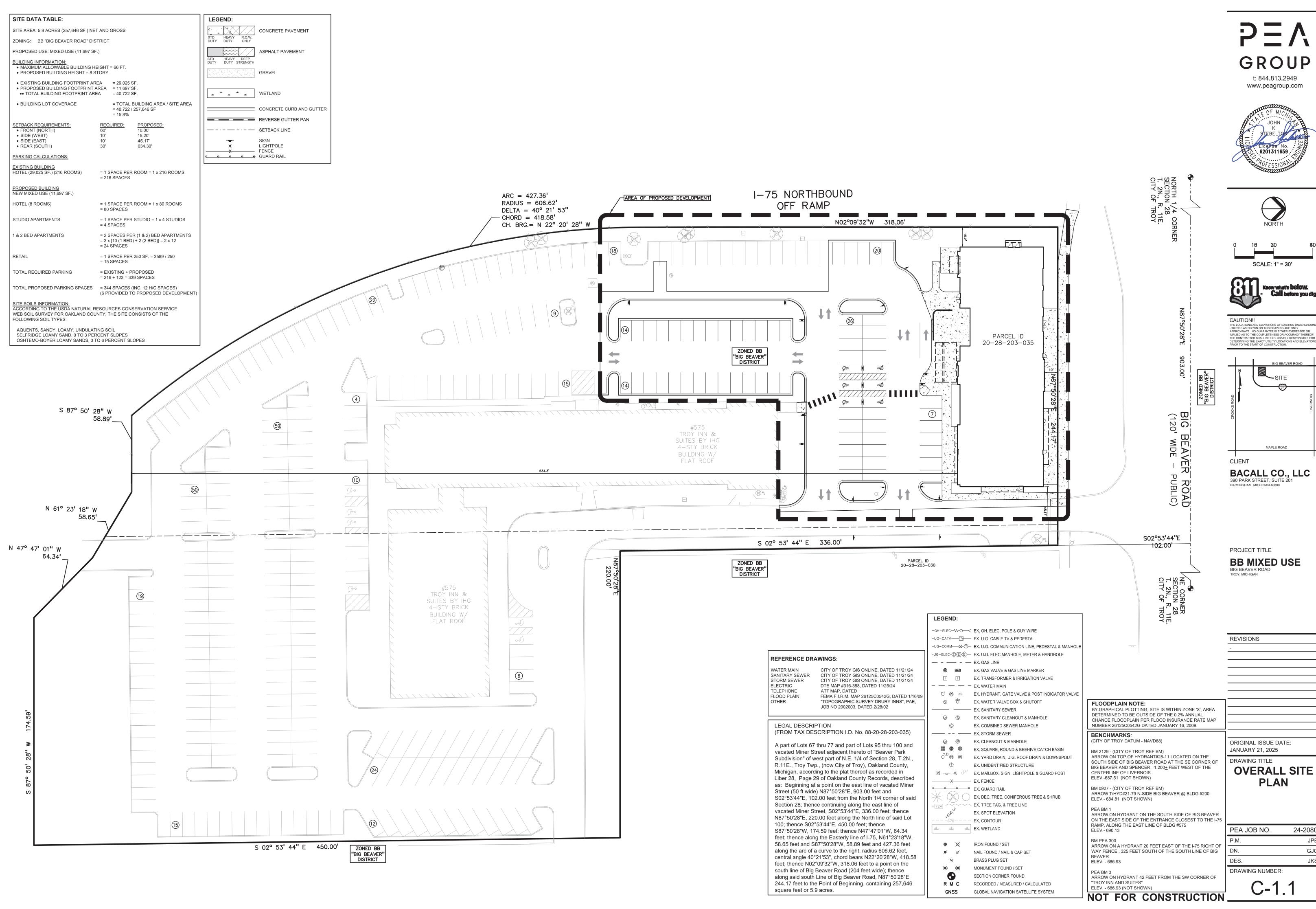


Traffic Engineering Consultants, Inc.

Appendix A: Site Plan

Traffic Engineering Consultants, Inc.







HE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR

24-2080 GJC JKS

Appendix B: Trip Generation

Vehicle Trip Ends vs: Rooms

On a: Weekday

Setting/Location: General Urban/Suburban

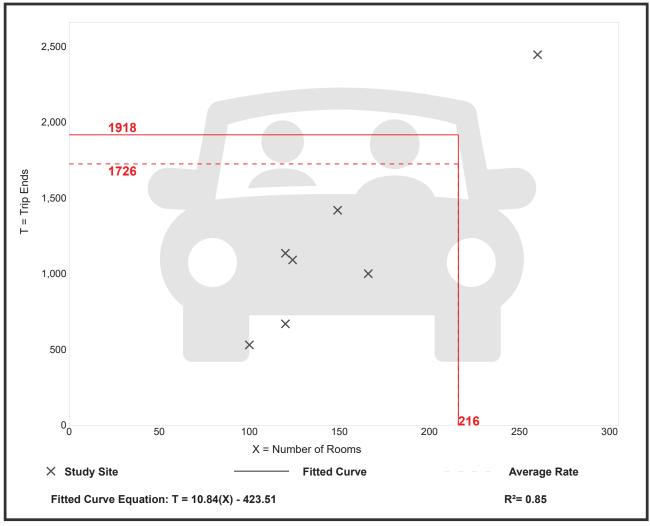
Number of Studies: 7 Avg. Num. of Rooms: 148

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
7.99	5.31 - 9.53	1.92

Data Plot and Equation



Trip Gen Manual, 11th Edition

Vehicle Trip Ends vs: Rooms

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

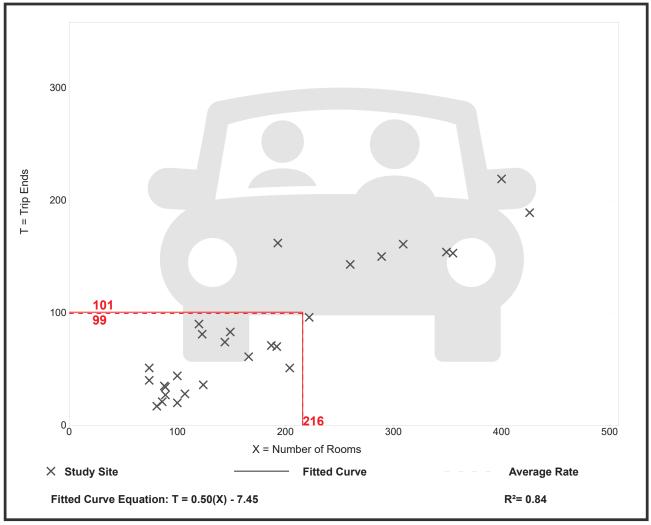
Number of Studies: 28 Avg. Num. of Rooms: 182

Directional Distribution: 56% entering, 44% exiting

Vehicle Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
0.46	0.20 - 0.84	0.14

Data Plot and Equation



Trip Gen Manual, 11th Edition

Vehicle Trip Ends vs: Rooms

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

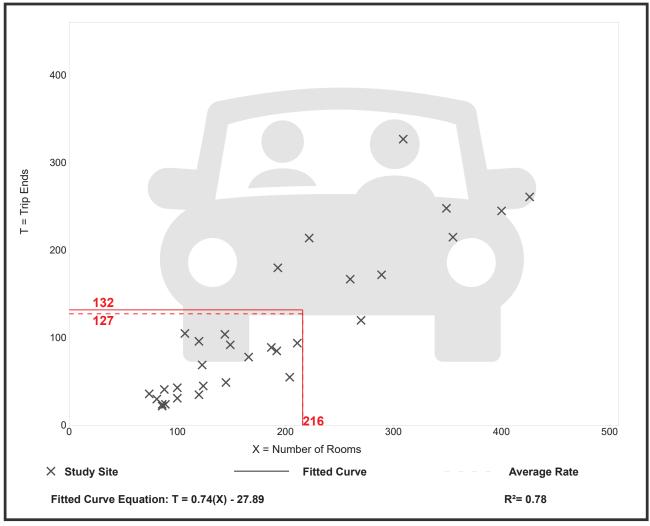
Number of Studies: 31 Avg. Num. of Rooms: 186

Directional Distribution: 51% entering, 49% exiting

Vehicle Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
0.59	0.26 - 1.06	0.22

Data Plot and Equation



Trip Gen Manual, 11th Edition

Fast Casual Restaurant

(930)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday

Setting/Location: General Urban/Suburban

Number of Studies: 1 Avg. 1000 Sq. Ft. GFA: 1

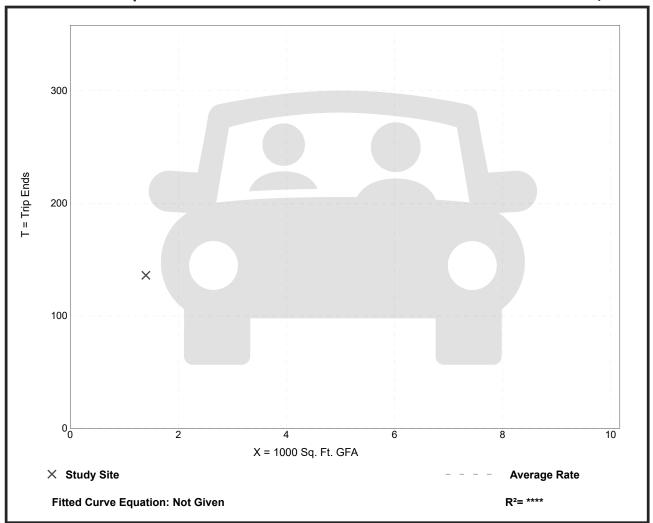
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average I	Rate Range of Rate	s Standard Deviation	
97.14	97.14 - 97.14	*	

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Fast Casual Restaurant

(930)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

Number of Studies: 1 Avg. 1000 Sq. Ft. GFA: 1

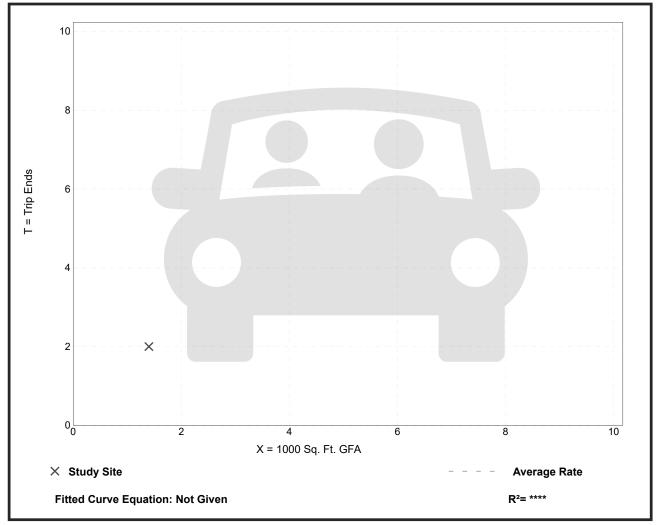
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
1.43	1.43 - 1.43	*

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Vehicle Trip Ends vs: Rooms

On a: Weekday

Setting/Location: General Urban/Suburban

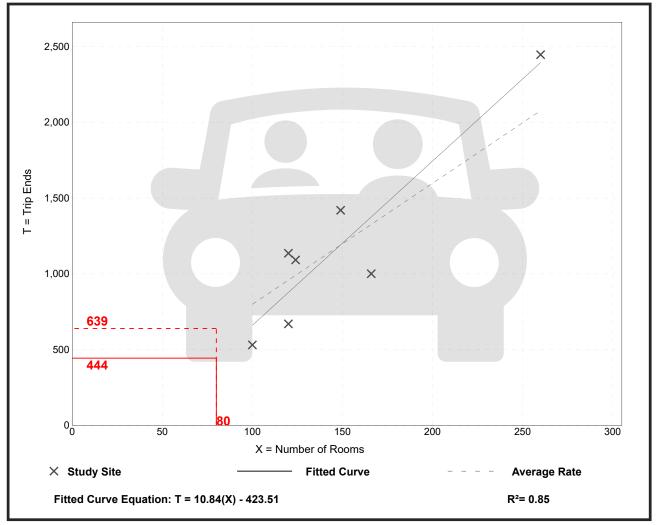
Number of Studies: 7 Avg. Num. of Rooms: 148

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
7.99	5.31 - 9.53	1.92

Data Plot and Equation



Trip Gen Manual, 11th Edition

Vehicle Trip Ends vs: Rooms

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

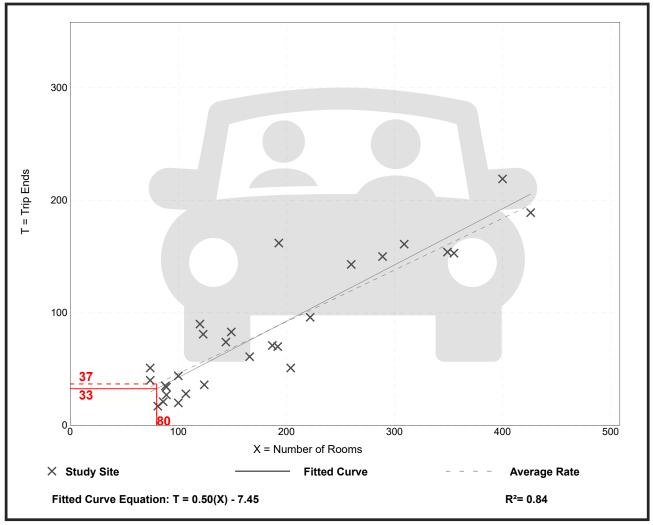
Number of Studies: 28 Avg. Num. of Rooms: 182

Directional Distribution: 56% entering, 44% exiting

Vehicle Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
0.46	0.20 - 0.84	0.14

Data Plot and Equation



Trip Gen Manual, 11th Edition

Vehicle Trip Ends vs: Rooms

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

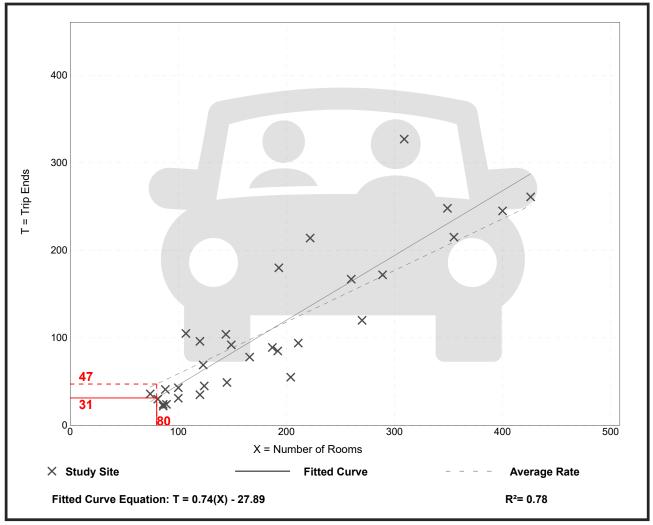
Number of Studies: 31 Avg. Num. of Rooms: 186

Directional Distribution: 51% entering, 49% exiting

Vehicle Trip Generation per Room

Average Rate	Range of Rates	Standard Deviation
0.59	0.26 - 1.06	0.22

Data Plot and Equation



Trip Gen Manual, 11th Edition

Low-Rise Residential with Ground-Floor Commercial

GFA (1-25k) (230)

Vehicle Trip Ends vs: Dwelling Units
On a: Weekday

Setting/Location: General Urban/Suburban

Number of Studies: 1
Avg. Num. of Dwelling Units: 422

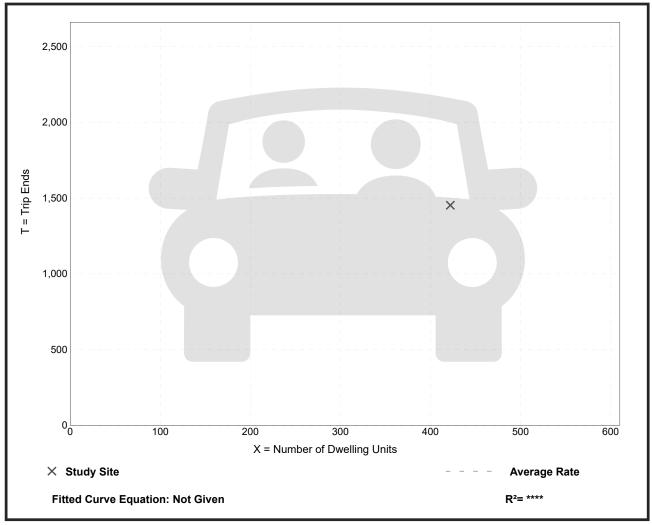
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
Average Nate	Range of Rates	Standard Deviation
3.44	3.44 - 3.44	*

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Low-Rise Residential with Ground-Floor Commercial

GFA (1-25k) (230)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

Number of Studies: 2 Avg. Num. of Dwelling Units: 365

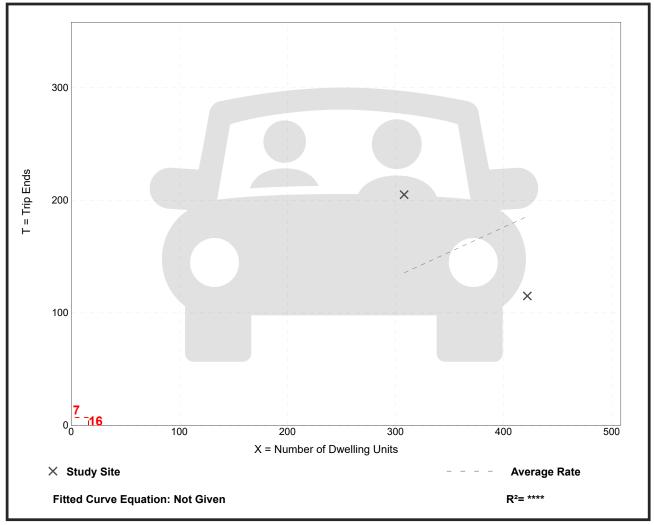
Directional Distribution: 23% entering, 77% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.44	0.27 - 0.67	*

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Low-Rise Residential with Ground-Floor Commercial

GFA (1-25k) (230)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 2 Avg. Num. of Dwelling Units: 365

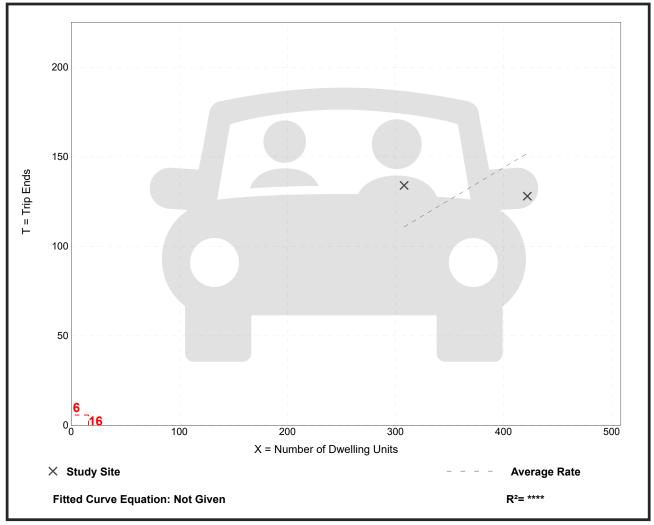
Directional Distribution: 71% entering, 29% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
0.36	0.30 - 0.44	*

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Strip Retail Plaza (<40k)

(822)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday

Setting/Location: General Urban/Suburban

Number of Studies: 4 Avg. 1000 Sq. Ft. GLA: 19

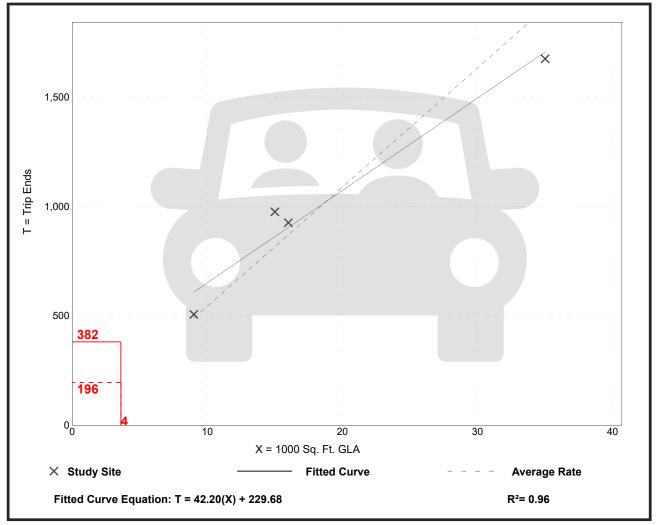
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
54.45	47.86 - 65.07	7.81

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Strip Retail Plaza (<40k)

(822)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

Number of Studies: 5 Avg. 1000 Sq. Ft. GLA: 18

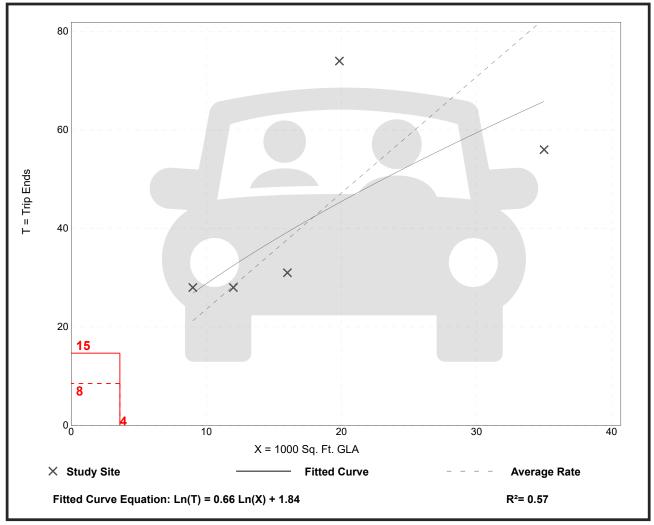
Directional Distribution: 60% entering, 40% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
2.36	1.60 - 3.73	0.94

Data Plot and Equation

Caution - Small Sample Size



Trip Gen Manual, 11th Edition

Strip Retail Plaza (<40k)

(822)

Vehicle Trip Ends vs: 1000 Sq. Ft. GLA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

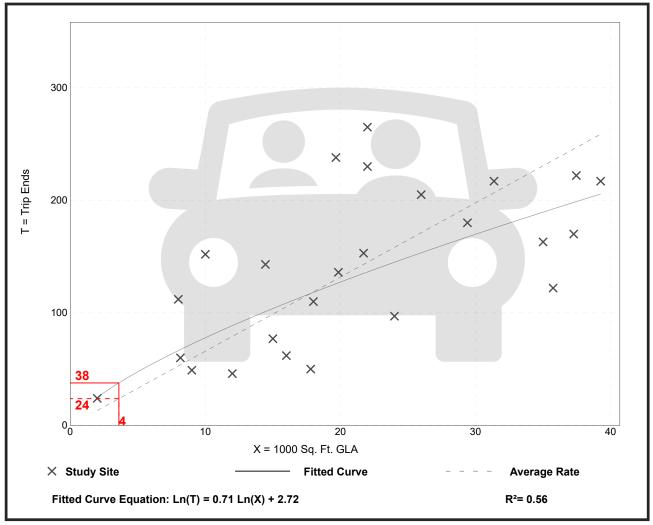
Number of Studies: 25 Avg. 1000 Sq. Ft. GLA: 21

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GLA

Average Rate	Range of Rates	Standard Deviation
6.59	2.81 - 15.20	2.94

Data Plot and Equation



Trip Gen Manual, 11th Edition

Fast Casual Restaurant

(930)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday,

Peak Hour of Adjacent Street Traffic, One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

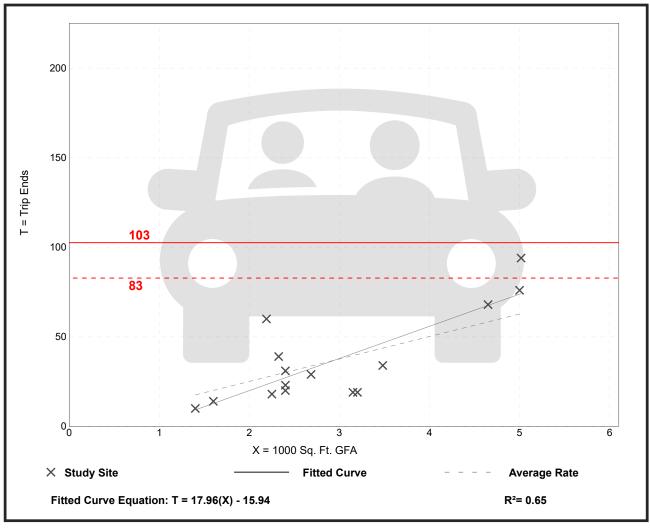
Number of Studies: 15 Avg. 1000 Sq. Ft. GFA: 3

Directional Distribution: 55% entering, 45% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

	-	
Average Rate	Range of Rates	Standard Deviation
12.55	5.94 - 27.40	5.52

Data Plot and Equation



Trip Gen Manual, 11th Edition