

PLANNING AND DEVELOPMENT SERVICES STAFF REPORT

For Planning Commission Meeting of November 5, 2014

**SUBJECT: Ann Arbor Housing Commission Platt Road East Planned Project Site Plan
3451 Platt Road
Project No. SP14-009**

PROPOSED CITY PLANNING COMMISSION MOTION

The Ann Arbor City Planning Commission hereby recommends that the Mayor and City Council approve the Ann Arbor Housing Commission Platt Road East Planned Project Site Plan, subject to review and approval from the Washtenaw County Water Resources Commissioner prior to City Council action and subject to receiving a floodplain permit from the Michigan Department of Environmental Quality prior to issuance of building permits.

STAFF RECOMMENDATION

Staff recommends that the site plan and planned project modification be **approved** because, with a floodplain permit from the MDEQ and planned project modifications, the proposed development complies with all applicable state, local and federal laws, ordinances, standards and regulations; the development limits the disturbance of natural features to the minimum necessary to allow a reasonable use of the land; and the development does not cause a public or private nuisances and does not have a detrimental effect on the public health, safety or welfare. The planned project modification for the side setback is associated with more than one of the required benefits and is consistent with proper development of the land and adjacent area.

STAFF REPORT

On August 6, 2014, the Planning Commission recommended approval of the petition to rezone this site from R1C (Single-Family Dwelling) and R2A (Two-Family Dwelling) to R4B (Multiple-Family Dwelling) and postponed the accompanying site plan petition in order to allow staff to complete their reviews and the petitioner to respond to comments. The rezoning was approved by City Council on October 6, 2014.

Staff has completed review of the revised site plan. A planned project petition has now been included as part of the proposed site plan to reduce the additional side setback on the north.

Site Plan Revisions – The proposed development layout has been revised to remove all dwelling units out of the floodplain, as well as the playground structure. The site plan continues to have 32 dwelling units but now in four, instead of five, buildings. The playground structure has been moved in between two buildings and is now outside of the floodplain.

A 20-foot wide grass paver fire access route is proposed to connect the parking lots in the event of an emergency. Nine parking spaces have been removed from the proposed site plan to ensure no parked vehicles block the access route. A total of 56 parking spaces are provided.

The storm water detention pond has been reconfigured to be more triangular in shape, and is now wider at its north end. The increased width is possible because the two previously proposed buildings have been combined into a single building. Its volume and surface area remain about the same as previously proposed.

Impacts to the floodplain have also been reduced. The proposed plan now includes 109 cubic yards of floodplain fill, compared to 125 cubic yards previously.

No changes are proposed to the community building or the Platt Road setback for any of the residential buildings. The proposed conflicting land use buffer along the north side of the site also remains unchanged.

Planned Project Request - Planned project modifications are now requested on the north side of the site. The two buildings previously proposed (122 feet and 49 feet in length) have been combined into one building of 156.5 feet in length. The previously proposed buildings required 23.5 feet of north side setback, which was proposed. The currently proposed building requires 28.3 feet of north side setback. The planned project modifications seek to allow the north side setback to remain at 23.5 feet despite the longer building now proposed. The normal minimum north side setback for buildings less than 50 feet in length is 12 feet, and the current building proposed to be demolished has a 24-foot setback.

PLANNED PROJECT MODIFICATION

Planned project approval is requested to decrease the north side setback from 28.3 feet to 23.5 feet, with an average setback of 25.9 feet. The R4A district requires a minimum side setback of 12 feet plus additional distance when buildings are over 50 feet in length, for a total of 28.3 feet in this case.

The petitioner states the requested modification will allow for alignment of the driveway with an existing roadway intersection, provides desired density for affordable housing, supports solar arrangement of buildings, and results in diminished impact on the floodplain.

Based upon compliance with the following standards, the Planning Commission may recommend approval, and City Council may approve modifications of the area, height and placement regulations of the Zoning Chapter in the form of a planned project site plan:

1. The lot(s) included in the planned project must meet the minimum gross lot size requirement of the zoning district in which they are located.

Petitioner: The minimum gross lot size requirement of the proposed zoning district will be met. The project will provide for affordable housing for lower income households.

2. The proposed modifications of zoning requirements must provide one or more of the following:

- a) Usable open space in excess of the minimum requirement for the zoning district.
- b) Building or parking setback(s) in excess of the minimum requirement for the zoning district.

- c) Preservation of natural features that exceeds ordinance requirements, especially for those existing features prioritized in the land development regulations as being of highest and mid-level concern.
- d) Preservation of historical or architectural features.
- e) Solar orientation or energy conserving design.
- f) An arrangement of buildings which provides a public benefit, such as transit access, pedestrian orientation, or a reduced need for infrastructure or impervious surface.
- g) Affordable housing for lower income households.
- h) Permanent open spaces of 20 percent or more in any low-density residential district.

Petitioner: Usable open space will be in excess of the requirement for the proposed zoning district (71% versus 55% required). The proposed modifications will provide for increased preservation of natural features (100 Year Floodplain). The buildings orientation will provide for future solar energy recovery. The proposed development will provide affordable housing for lower income households.

Staff: The proposed modifications are associated with three of the prescribed public benefits. Only one prescribed public benefit must be provided to be eligible to receive planned project modifications.

3. The planned project shall be designed in such a manner that traffic to and from the site will not be hazardous to adjacent properties.

Petitioner: The proposed planned project will allow for the drive to be aligned with the roadway intersection of Platt Road and Sharon Drive. This alignment is in conformance with applicable roadway design.

4. The proposed modifications shall be consistent with the proper development and use of adjacent land and buildings.

Petitioner: The project site is bounded by the Swift Run Drain to the south and east of the project and Platt Road to the West. There exists a residential land to the north, Zoned R2A, which has a 5 ft required side setback. The proposed project will have an average side setback of 25.9 ft and appropriate landscape screening separating the land uses.

Staff: The proposed 23.5-foot north side setback still provides a generous setback and enough space to accommodate a conflicting land use buffer. The five-foot difference in the planned project modification and the normally required north side setback will not impact the adjacent properties or the neighborhood in general.

5. Required off-street parking and landscaping must be provided in accordance with the provisions of Chapters 59 and 62.

Petitioner: Standards for off-street parking exceed the minimum required and landscaping screening has been provided within the proposed site plan in conformance with zoning regulations.

6. The standards of density, allowable floor area and required usable open space for the zoning district(s) in which the project is located must be met.

Petitioner: The standards for density, allowable floor area and required usable open space have been provided in the proposed project which meets the requirements for the proposed zoning district in which the project is located.

7. There shall be no uses within the proposed project which are not permitted uses in the zoning district(s) in which the proposed project is to be located.

Petitioner: The proposed use for the project is multi-family, which is an allowed use within the proposed zoning district.

COMPARISION CHART

		EXISTING	PROPOSED	REQUIRED/PERMITTED
Zoning		R4B Multiple-Family Dwelling	R4B Multiple-Family Dwelling	R4B Multiple-Family Dwelling
Gross Lot Area		135,472 sq ft	135,472 sq ft	14,000 sq ft MIN
Dwelling Units		6	32	46 MAX
Min. Lot Area per Dwelling Unit		22,579 sq ft/du	4,234 sq ft/du	2,900 sq ft/du MIN
Min. Open Space		Unknown	72% (97,481 sq ft)	55% MIN (74,509 sq ft)
Min. Active Open Space		Unknown	12,812 sq ft	9,600 sq ft. MIN (300 sq ft/d.u)
Setbacks	Front	49 ft and 60 ft	15 ft	15 ft MIN, 40 ft MAX
	North Side	24 ft	23.5 ft *	28.3 ft * MIN (12 ft + additional for building length over 50 ft)
	South Side	32 ft	28.2 ft	28.2 ft MIN (12 ft + additional for building length over 50 ft)
	Rear	38 ft and 255 ft	50 ft	30 ft MIN
Height		Unknown	23 ft	35 ft MAX
Vehicle Parking		8 spaces	56 spaces	48 spaces MIN
Bicycle Parking		None	3 Class A, 3 Class C (6 total)	6 spaces MIN (50% Class A, 50% Class C)

* Planned project modification requested

SERVICE UNIT COMMENTS

Floodplain/Stormwater Management – All outstanding comments that required revisions to the site plan have been addressed. Staff notes that this project requires review and approval from the Washtenaw County Water Resources Commissioner and a permit from the Michigan Department of Environmental Quality prior to issuance of any construction or grading permits.

Prepared by Alexis DiLeo
Reviewed by Wendy Rampson
10/31/14; Revised 11/14/14

Attachments: August 6, 2014 Planning Staff Report
Site Plan
Landscape Plan
Natural Features Alternative Analysis

c: Owner/Petitioner: Jennifer Hall, Executive Director
Ann Arbor Housing Commission
406 North Ashley Street
Ann Arbor, MI 48103

Agent: Heath Hartt
Midwestern Consulting, Inc.
3815 Plaza Drive
Ann Arbor, MI 48108

City Attorney
Systems Planning
Project No. SP14-009

PLANNING AND DEVELOPMENT SERVICES STAFF REPORT

For Planning Commission Meeting of August 6, 2014

**SUBJECT: Ann Arbor Housing Commission Platt Road East Rezoning and Site Plan for City Council Approval
3451 Platt Road
Project Nos. Z14-003 and SP14-009**

PROPOSED CITY PLANNING COMMISSION MOTION

The Ann Arbor City Planning Commission hereby recommends that the Mayor and City Council approve the Ann Arbor Housing Commission Platt Road East Rezoning from R1C Single-Family Dwelling District and R2A Two-Family Dwelling District to R4B Multiple Family Dwelling District.

PROPOSED CITY PLANNING COMMISSION MOTION

The Ann Arbor City Planning Commission hereby recommends that the Mayor and City Council approve the Ann Arbor Housing Commission Platt Road East Site Plan, subject to preliminary approval from the Washtenaw County Water Resources Commissioner.

STAFF RECOMMENDATION

Staff recommends that the rezoning petition be **approved** because the proposed zoning classification is consistent with the housing goals of the Sustainability Framework and Land Use Element, is generally consistent with the future land use recommendation in the Land Use Element for the site and vicinity, and is compatible with the surrounding area.

Staff recommends that the site plan be **postponed** to allow staff to complete their reviews of the site plan as well as allow the petitioner to respond to staff concerns regarding natural features impacts.

LOCATION

This site is located on the east side of Platt Road between Redwood Avenue and Lorraine Street, across from Sharon Drive and Verle Avenue (Southeast Area, Swift Run watershed).

DESCRIPTION OF PETITION

The Ann Arbor Housing Commission is seeking approval rezone a 3.1-acre site from R1C (Single-Family Dwelling) and R2A (Two-Family Dwelling) to R4B (Multiple-Family Dwelling), demolish all existing dwelling units, including 4 single-family homes and one two-family building, and construct a 32-unit apartment complex with five buildings, 61 vehicle parking spaces, a playground, and a community building.

The site includes the current Platt Road East community of the Ann Arbor Housing Commission, as well as an adjacent parcel to the north, which is in the process of being purchased by the City on behalf of the Housing Commission.

Rezoning – A petition to rezone the subject site from R1C and R2A to R4B has been submitted in conjunction with the proposed site plan. The current development, as single-family units, conforms to the present R1C zoning designation for use, density, area, height and placement. The rezoning is proposed to allow for redevelopment of the site with multiple-family units. The R4B zoning district allows all forms of residential use – single-family detached, single-family attached, duplexes, townhouses and multiple-family buildings.

Site Plan – The proposed development layout has four rows of dwelling units, oriented east-west so that the roofs face south. The design and layout of the development has the appearance of five two-story townhouse buildings with individual front doors facing the driveway and back doors facing open space areas. The community building is located in the middle of the site along the west side, near Platt Road, with sight lines to each of the four rows of dwelling units. The proposed playground is on the east side of the site.

The new apartments range in size from one bedroom to five-bedroom units as follows:

- 8 one-bedroom units
- 12 two-bedroom units
- 6 three-bedroom units
- 2 four-bedroom units
- 4 five-bedroom units

Two driveways will provide access from Platt Road to two connected surface parking areas. The site will have all new underground utilities (water, sanitary sewer and storm sewer as well as private franchise utilities), fire hydrants, and storm water management facilities for the entire site.

Four landmark trees are located on the property, two of which are proposed to be removed. The predominant natural feature is the Swift Run creek (a County Drain) and its floodplain running along the entire east and south sides of the site. The floodplain encroachment ranges from approximately 35 feet into the site on the north property line, increases to 165 feet at its widest in the center of the site, decreasing to 30 feet near the south property line and is entirely contained within the creek banks at the southwest corner of the site. While the floodplain covers a significant amount of area of the site, it is generally less than 1 foot deep. Because the site is directly adjacent to, and its storm water will outlet to, a County drain, the Washtenaw County Water Resources Commissioner's office has jurisdiction over this project for storm water management.

Two of the proposed dwelling units are located in the current floodplain, as well as the storm water pond. All dwellings are proposed to be built on slab foundations without basements. Compensating cuts on the site are proposed to offset filling in the floodplain for the two dwellings, the stormwater pond and general grading for the parking areas.

A conflicting land use buffer is provided along the north side of the property, including 23 trees plus a continuous hedge. Required interior vehicular use area landscaping and right-of-way screening is also proposed. Six new trees are proposed, located throughout the site, for mitigation of the two removed landmark trees.

Alternatives Analysis – Because natural features are proposed to be impacted, an alternatives analysis has been provided to show that the planned development has the minimum impact for a reasonable use of the land. The first submitted site plan indicated that avoiding any natural features impact could be achieved by significantly reducing the number of dwelling units proposed, however, it would not be financially feasible for the petitioner. Staff met with the petitioner to further discuss the natural features impacts and more financially feasible alternatives with the desired density.

It was determined that planned project modifications to allow a single mid-rise building, on the order of six to nine stories, or to allow decreased front and side setbacks and building spacing for two-story townhouse buildings would be necessary to further reduce the proposed encroachment into the floodplain. Still, it would not be financially feasible for the petitioner to construct a mid-rise building. Moving the proposed buildings much closer to the north and/or west property lines may not be desirable to either the future residents of the site or the existing residents adjacent to the site. Illustrations showing these concepts are being prepared by the petitioner and will be provided to the Planning Commission when available.

Citizen Participation - A citizen participation meeting was held on February 11, 2014, two weeks before the petitions were submitted. Invitations were sent to all residents within 1000 feet of the site. A second citizen participation meeting was held on July 28, 2014 to inform neighbors of the revised design that includes the parcel immediately north of the current Housing Commission development. Postcards for the second meeting were mailed to the original mailing list.

Attendees inquired about storm water management, the number of future residents, the AAHC's other properties in the city, and vacant property owned by the AAHC on the west side of Platt Road near the subject site. The petitioner's reports for both meetings are attached.

SURROUNDING LAND USES AND ZONING

	LAND USE	ZONING
NORTH	Multiple-family Residential	R2A Two-Family Dwelling District
EAST	Single-family Residential	R1C Single-Family Dwelling District
SOUTH	Single-family Residential	R1C
WEST	Single-family Residential	R1C

COMPARISION CHART

		EXISTING	PROPOSED	REQUIRED/PERMITTED
Zoning		R1C Single Family Dwelling, R2A Two-Family Dwelling	R4B Multiple-Family Dwelling	R4B
Gross Lot Area		135,472 sq ft	135,472 sq ft	14,000 sq ft MIN
Dwelling Units		6	32	46 MAX
Min. Lot Area per Dwelling Unit		22,579 sq ft/du	4,234 sq ft/du	2,900 sq ft/du MIN
Min. Open Space		Unknown	70% (95,911 sq ft)	55% MIN (74,509 sq ft)
Min. Active Open Space		Unknown	12,562 sq ft	300 sq ft/d.u. MIN (9,600 sq ft)
Setbacks	Front	49 ft and 60 ft	15 ft	15 ft MIN, 40 ft MAX
	North Side	24 ft	23.8 ft	12ft + additional for building length over 50 ft MIN
	South Side	32 ft	28.2 ft	12 ft + additional for building length over 50 ft MIN
	Rear	38 ft and 255 ft	55 ft	30 ft MIN
Height		Unknown	23 ft	35 ft MAX
Vehicle Parking		8 spaces	61 spaces	48 spaces MIN
Bicycle Parking		None	3 Class A, 3 Class C (6 total)	6 spaces MIN (50% Class A, 50% Class B)

REZONING ANALYSIS

The petitioner requests to rezone the 3.1-acre site from R1C Single-Family Dwelling District and R2A Two-Family Dwelling District to R4B Multiple-Family Dwelling District to enable the development of a multiple-family apartment complex. Changes to the text or map of Chapter 55 (Zoning) can be made pursuant to Section 5:107 and 5:108. The following justification is offered by the petitioner (staff comments in italics):

1. The extent to which the rezoning is necessary:

To rectify the existing zoning to be consistent with the existing use and to allow a conforming use with the proposed zoning and proposed redevelopment program.

Staff: The current R1C and R2A zoning designations allow single family detached developments and duplexes and, in terms of use, the current development conforms to its zoning designation. Attached units of any kind are not permitted in the R1C zoning district, and only two attached single-family units (i.e. a two-family building) are allowed in the R2A district. The proposed R4B zoning designation allows for every type of dwelling unit: single family detached or attached, two-family, and multiple-family.

2. The rezoning will affect the public welfare and property rights of persons located in the vicinity in the following ways:

Will have no negative impact on public or [private] property as the property is currently developed and being used in a manner consistent with the proposed zoning.

3. The rezoning will be advantageous to the City in the following ways:

Will make the existing use conforming to the zoning district.

Staff: The proposed rezoning will enable the redevelopment of a dated housing community to provide affordable dwelling units that are more energy efficient and site improvements, such a conflicting land use buffer and storm water management systems, that meet current development codes.

4. This particular location will meet the convenience and service requirements of potential users and occupants in the following ways:

It is in an area of similar uses and housing, close to employment centers, and located on public transportation routes.

5. Any changed or changing conditions in any particular area, or in the City in general which may have bearing on the proposed rezoning are:

None.

6. Other circumstances and factors which will further justify the requested rezoning are:

The site has been used historically in a non-conforming manner. Rezoning will make existing use as well as proposed redevelopment conforming.

Staff: The subject site has sufficient size to justify a separate zoning designation. The R4B Multiple-Family Dwelling District is intended for smaller infill sites, such as this one, and its maximum permitted density, along with its minimum open space requirements, make the proposed zoning district the most appropriate zoning designation.

HISTORY

The Ann Arbor Housing Commission originally developed the southern part of site in the late 1960's. The northern portion was purchased by the City of Ann Arbor on behalf of the Housing Commission in July 2014.

The Ann Arbor Housing Commission currently is undertaking a major transformation in the way it owns, operates, and maintains all of its scattered, small site low income housing developments. The Housing Commission is entering into a partnership with a private housing development company as the first such partnership under new U.S. Department of Housing and Urban Development regulations. Current and future residents of Ann Arbor Housing Commission dwellings will not notice any changes, except for improved services, and the partnership will provide much needed resources for the Housing Commission to offset their continually decreasing funding sources.

PLANNING BACKGROUND

The “Diverse Housing” goal in the Sustainability Framework calls for “high quality, safe, efficient and affordable housing choices to meet the current and future housing needs of our community, particularly for homeless and low-income households.”

Land Use Goal C in the Land Use Element calls for “a full range of housing choices (size, price design, accessibility, etc.) that meets the existing and anticipated needs of all City residents.” An action for this goal is “preserve and improve existing affordable housing, including public housing.

The Land Use Element of the City Master Plan recommends residential use for the subject site, including single-family detached homes on the southern third and single-family attached on the northern two-thirds of the site.

SERVICE UNIT COMMENTS

Systems Planning – Comments are pending.

Forestry/Natural Resources – Minor revisions to the plan are required.

Fire – A turnaround at each driveway/parking lot is required because each exceeds 150 feet in length.

Water Resources Commissioner – Preliminary plan approval, still pending, is required prior to Council action on the site plan.

Floodplain/Stormwater Coordinator – Staff has identified several items that need to be corrected on the plan. In particular, the current plan has not justified that the natural features (floodplain) impact is limited to the minimum necessary, as required by the review criteria of Chapter 57, Section 5:129. Staff does not support the proposed buildings and detention basin in the floodplain.

Planning – The R4B district is intended for “intermediate areas of the city, situated on small tracts of land in established areas for in-fill purposes”. It allows up to 15 dwelling units per acre and requires a minimum of 55% open space be provided. The proposed R4B district is generally in keeping with the future land use recommendations of the Land Use Element recommendations for this site and will support the implementation of the city’s affordable housing goals.

Planning staff and the Floodplain/Stormwater Coordinator met with the petitioner to discuss the comments regarding natural feature impacts. The petitioner is working to eliminate or further reduce the number of proposed buildings in the floodplain, as well as better articulate how the impact from those dwelling units remaining within the floodplain are relatively minor. However, the petitioner has indicated it may be difficult to locate more, or any, of the detention basin outside of the floodplain.

Staff’s split recommendation for approval of the rezoning petition and postponing the site plan petition will allow the first reading of the rezoning at City Council to be scheduled for September 2014. The site plan petition should be able to be return to the Planning Commission for action

in two weeks' time, on August 19, 2014, and could then be scheduled along with City Council's second reading, public hearing and action on the rezoning petition in October 2014.

Prepared by Alexis DiLeo
Reviewed by Wendy Rampson
7/30/14 (Maps corrected 8/8/14)

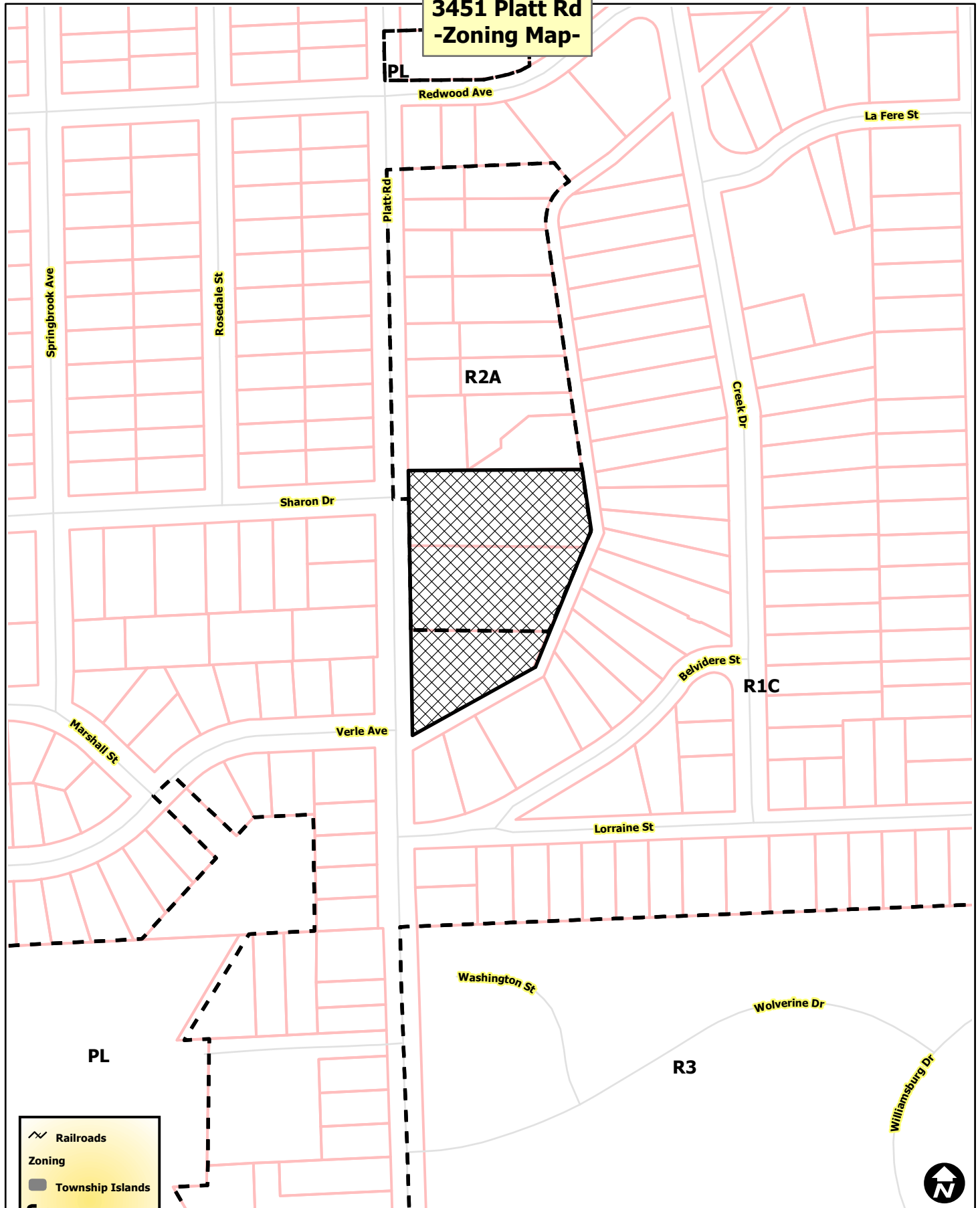
Attachments: February 11, 2014 Citizen Participation Meeting Report
July 28, 2014 Citizen Participation Meeting Report
Parcel/Zoning Map
Aerial Photo
Site Plan
Elevations

c: Owner/Petitioner: Jennifer Hall, Executive Director
Ann Arbor Housing Commission
406 North Ashley Street
Ann Arbor, MI 48103

Agent: Heath Hartt
Midwestern Consulting, Inc.
3815 Plaza Drive
Ann Arbor, MI 48108

City Attorney
Systems Planning
Project No. Z14-003 & SP14-009

3451 Platt Rd -Zoning Map-



	Railroads
Zoning	
	Township Islands
	Zoning Districts
	Parcels
	Huron River



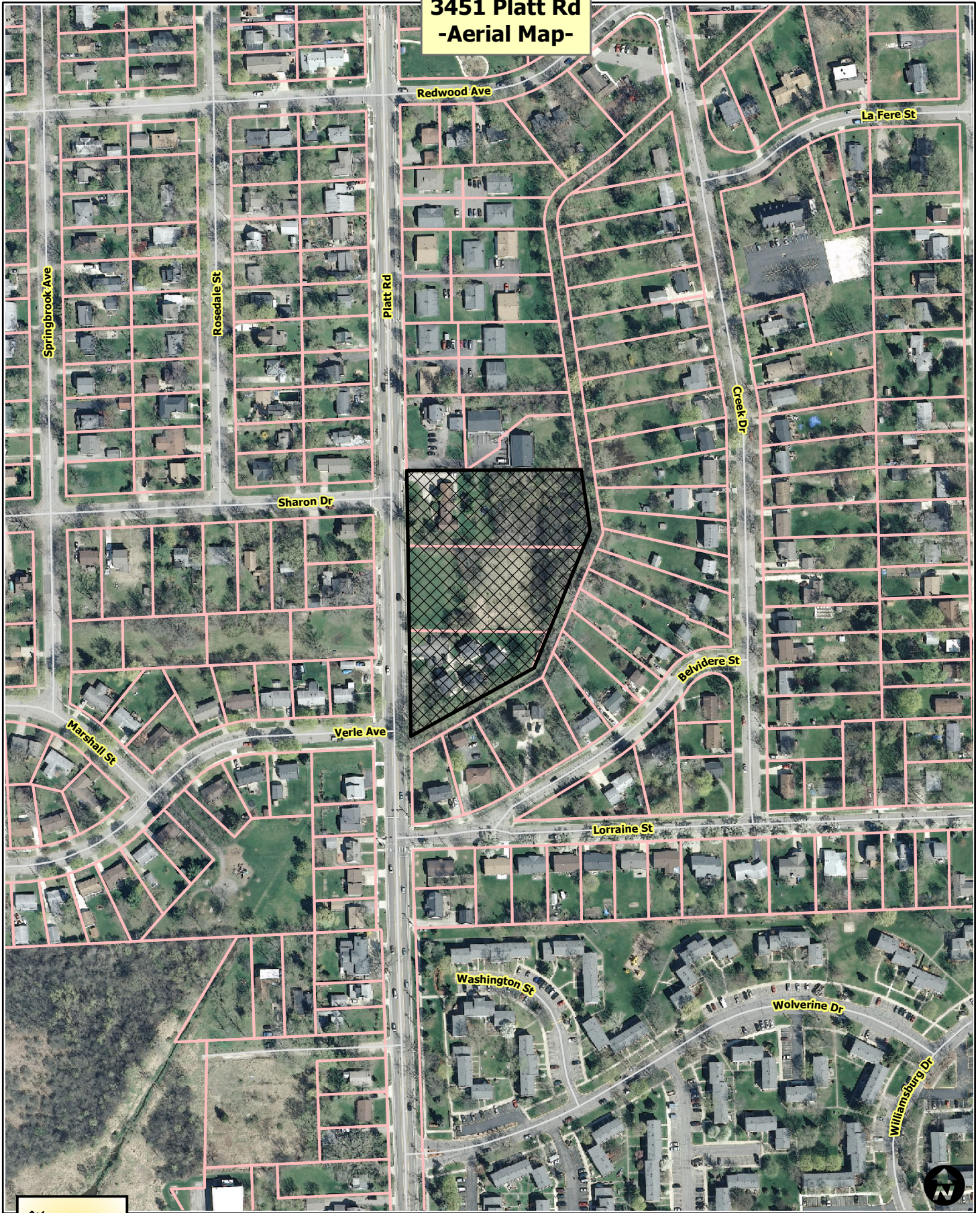
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3451 Platt Rd -Aerial Map-



-  Railroads
-  Parcels
-  Huron River



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Map Created: 8/8/2014

Citizens Participation Report

Ann Arbor Housing Commission
3451-3457 Platt Road – Ann Arbor, Michigan



Mitchell
and **Mouat**
architects
113 South Fourth Avenue Ann Arbor, Michigan 48104
734-662-6070 FAX 734-662-3802 MaMA@MitchellandMouat.com

February 20, 2014

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***Section 1: Notification
Information & Responses***

A Citizens Participation Meeting was scheduled for February 11, 2014 at the Mallet's Creek Library. Notification cards were sent to 554 citizens within 1000 ft of the site using the City provided lists of owners and addresses. Contact information for the architect was provided on the card. Please see Appendix for copy of notification master.

Two cards were returned as undeliverable. No phone calls or emails were received before the meeting.

Section 2: Presentation

The Ann Arbor Housing Commission prepared and made available copies of Rent and Income Information related to the project. A copy is attached in the appendix.

Midwestern Consulting Inc. prepared a color rendered site plan which is attached in the appendix of this document.

Mitchell and Mouat Architects prepared colored renderings depicting the design of the proposed buildings.

View driving south on Platt Road



***View looking across from North
Building to South Building***



Citizens were provided the opportunity to view the site plan and renderings before and after the meeting.

The Director of the Ann Arbor Housing Commission, Jennifer Hall, introduced the team at the meeting who included the project development partner, Lori Harris of Norstar, the civil engineer, Scott Betzoldt of MCI, and John Mouat of Mitchell and Mouat Architects.

Jennifer outlined the current situation of affordable housing in the City as well as the particular challenges presented at this site. The fundamental problems are that two of the four existing buildings are in the 100 year flood plain and get water infiltration on a regular basis and that all four buildings are of an age and condition that they are not worth rehabilitating.

A description was provided of the project which locates 20 units and a Community space (office and meeting room for residents) in two buildings. The unit mix includes 1, 2, 3, and 4 bedroom units on the site seeking Site Plan Approval as well as the plan to construct four five bedroom houses across the road on City property.

Section 3: Citizen Information

Sign in Sheets are provided in the Appendix.

Section 4: Citizen Concerns and Comments

Storm water management – Questions were asked centered on existing water conditions and how the site would respond to storm events. The design team described that the new site would meet City and County standards for storm water management which have changed considerably since the time the existing buildings were constructed.

Numbers of residents – Concerns were voiced generally about the number of people and related traffic at Platt Road. Ms. Hall provided figures related to number of people per unit.

Location of AAHC properties – Questions were asked regarding the location of AAHC properties throughout the City and whether properties are concentrated in the south east part of town. Ms. Hall described that they are distributed in many areas of the community with the most number of units being on the west side of the City.

City property on West side of Platt – A group of attendees live in houses that back up to the City property on the west side of Platt. They were concerned about the prospect of the AAHC building four single family houses on the four lots making up the property. It was described that; due to the fact that this property

is properly zoned for single family houses, no site plan approval is required and the project would go directly to the Building Department for review. In concept a shared drive would provide access to two houses off of Platt Road and a second shared drive would provide access to two houses off of Springbrook.

Follow up comments – In the couple of days after the meeting we received a phone call and an email. The first was a call from the property owner directly north of the proposed project voicing support for the project and is interested in talking with the housing commission about potential development on his property. The second comment was from a gentleman who attended the meeting at the library and wanted to express his support of the project. This email is in the appendix.

Please see the Appendix for:

- a. Notification Card
- b. Rent and Income Information
- c. Rendered Site Plan
- d. Sign In Sheet
- e. Citizen email

Section 5: Appendix

Mitchell
and **Mouat**
architects
113 South Fourth Avenue Ann Arbor, Michigan 48104

**PRESORTED
FIRST CLASS
U.S. POSTAGE PAID
Carol Stream, IL 60199
Permit No. 73**

Owner
4180 Packard St
Ann Arbor, MI 48108-1506



Ann Arbor Housing Commission

Site Plan Submittal

Postcards are being sent to all residents and property owners living within 1000 feet of the project site giving notice that a site plan petition will be submitted to the City of Ann Arbor in late February. This is an opportunity to review and comment on the plans. The petitioner will consider your comments with regard to any plan revisions, in finalizing the submission.

Project Location: The site is located at 3451-3457 Platt Road, Ann Arbor.

Meeting: A meeting is going to be held on **February 11, 2014 at 7pm** at the **Mallets Creek Branch of the Ann Arbor Public Library at 3090 East Eisenhower Pkwy, Ann Arbor** to present the Plans for the project and to solicit input from neighborhood residents. The meeting location is barrier free accessible.

Description: The Ann Arbor Housing Commission is proposing to demolish the existing buildings on this site and replace them with an office and 21 new units ranging in size from 1 bedroom to 4 bedroom. The site will be upgraded to current City standards while preserving existing natural features as much as possible.

Contact Information: Mitchell and Mouat Architects, John Mouat, 734-662-6070 or jmouat@mitchellandmouat.com

Rent and Income Information

Maple Platt

The proposed project will include affordable residential rental units targeted to households with income levels at 30%, 50% and 60% of Area Median Income (AMI) levels. Below please find the income levels for a family of four (4) at the various incomes:

Average Area Median (AMI) for 4 person household– National non-metro areas	\$52,500 Annually
Ann Arbor MSA Average Median Income (AMI) for 4 person household	\$87,400 Annually
Maple Platt Average Median Income (AMI) for 4 person household (60% AMI)	\$52,440 Annually (17 units)
Maple Platt Average Median Income (AMI) for 4 person household (50% AMI)	\$43,700 Annually (48 units)
Maple Platt Average Median Income (AMI) for 4 person household (30% AMI)	\$23,610 Annually (5 units)

Units at Maple Platt are targeted to households with incomes of 60%, 50% and 30% of Area Median Income; the proposed rents based upon the various income levels to be served at Maple Platt are as follows:

1 Bedroom Units - \$466 to \$947

2 Bedroom Units - \$567 to \$1092

3 Bedroom Units - \$713 to \$1223

4 Bedroom Units - \$734 to \$1365

5 Bedroom Units - \$850 to \$1508

* Based upon 2014 Income data; please note that the overall plan includes 70 units but site plan approval is being sought on only 62 units because the project includes the rehab of 4 units and the construction of 4 single family units.

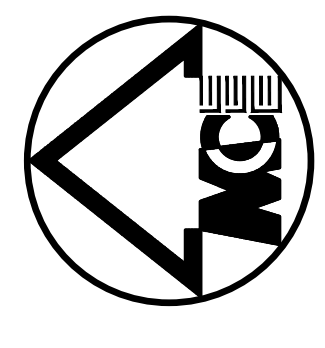
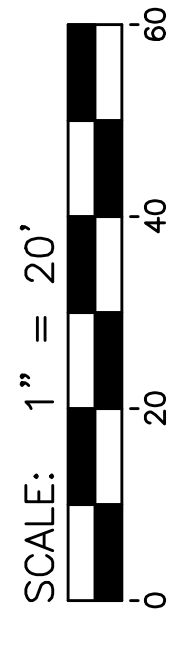
JOB No.	14002-200
REVISIONS:	
DATE:	2/10/14
REV. DATE:	
SHEET:	1 OF 1
CADD: WAJ	
ENG: SWB	
PM: SWB	
TECH:	
MISC:	14002CR1-200
DATE:	

1

PLATT - EAST
SITE PLAN
OVERALL SITE PLAN

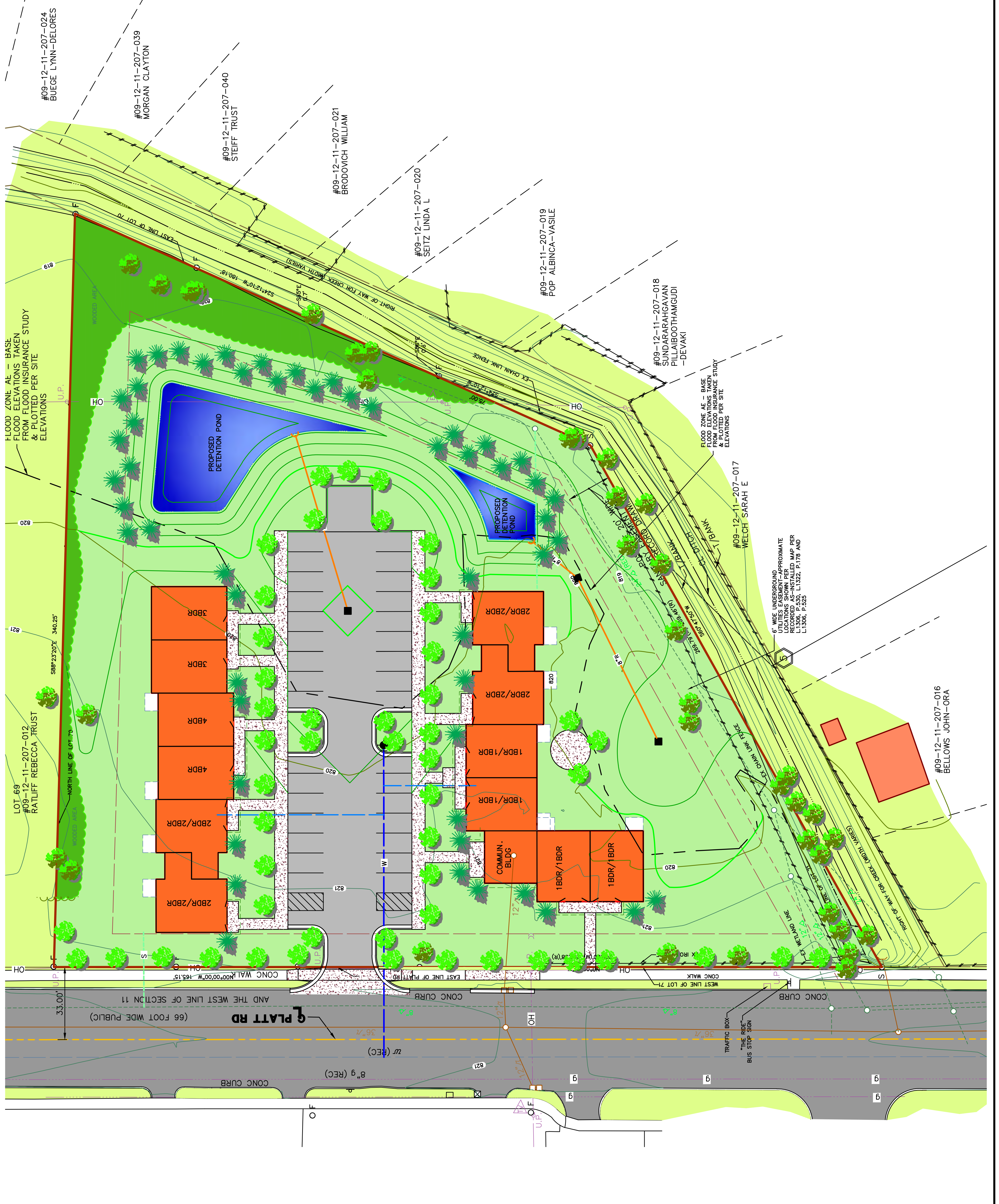
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MIDWESTERN CONSULTING
Civil, Environmental and Transportation Engineers
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Ann Arbor, Michigan 48108
Phone: 734.995.0200
Fax: 734.995.0599
Landscape Architects
Planners, Surveyors



LEGEND

- U.P.
- OH
- EXIST. UTILITY POLE
- EXIST. GUY POLE
- GUY WIRE
- ELEC. TRANSFORMER
- EXIST. OVERHEAD UTILITY LINE
- EXIST. LIGHT POLE
- PROP. LIGHT POLE
- EXIST. HYDRANT
- PROP. HYDRANT
- EXIST. GATE VALVE IN BOX
- PROP. GATE VALVE IN BOX
- EXIST. GATE VALVE IN WELL
- PROP. GATE VALVE IN WELL
- CONCRETE SURFACE
- ENCLOSED TRASH AREA
- SIGN
- MAILBOX
- FENCE
- GUARDRAIL
- TREE OR BRUSH LIMIT
- SECTION CORNER
- SET IRON PIPE
- FOUND IRON PIPE
- SET MONUMENT
- FOUND MONUMENT
- FOUND IRON ROD
- CONTROL PT.



Mitchell and Mouat architects

Please Sign In

AAHC PLATT ROAD CPN- 2/11/14

NAME

CONTACT INFORMATION (Email or Telephone)

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LANCE MITCHELL

AAHC

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vdav@umich.edu

John Mouat

From: Andrew L. Banka <andrewbanka@gmail.com>
Sent: Thursday, February 13, 2014 9:05 PM
To: John Mouat
Subject: Platt Rd. Public Housing

John:

I wanted to reach out to you following the community meeting at the Mallett's Creek Library on Tuesday. I was frankly appalled at the extreme negative reactions from the people in attendance. The project seems well thought out and designed, and I hope that the project moves forward. I don't know if that kind of response is typical - perhaps it is. I would be happy to speak in favor of the project at the planning commission meeting if that would be helpful.

I will also pass my thoughts on to the woman from the public housing authority. I don't recall her name, but as she indicated that she would be passing information on to those who signed in, I expect that I will hear from her. Feel free to forward my comments and/or send me her contact information.

Regards,

Andrew Banka

3451 Platt Rd
-Aerial Map-



-  Railroads
-  Parcels
-  Huron River



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 This map complies with National Map Accuracy Standards for mapping at 1 Inch = 100 Feet. The City of Ann Arbor and its mapping contractors assume no legal representation for the content and/or inappropriate use of information on this map.
 Map Created: 12/30/2013

SCHEDULE "A" LEGAL DESCRIPTION (PER ABSOLUTE TITLE, INC.)
File No.: 73083, Effective Date: December 14, 2012

LEGAL DESCRIPTION FOR FILE NO. 73083

Land situated in the City of Ann Arbor, Washtenaw County, Michigan, to-wit:

PARCEL A
 Beginning at the NW corner of Lot 70 of Wagner-McComb Boulevard Gardens, as recorded in Liber 3 of Plats, Page 19, Washtenaw County Records; thence S 88° 23' 20" E 340.25 feet along the North line of Lot 70; thence S 24° 12' 10" W 60.06 feet along the East line of the lot; thence N 88° 18' 45" W 315.66 feet to a point on the East right-of-way line of Platt Road; thence North 55.05 feet along said right-of-way line to the Point of Beginning, said parcel being a part of Lot 70 of said Wagner-McComb Boulevard Gardens.

PARCEL B
 Commencing at the NW corner of Lot 70 of Wagner-McComb Boulevard Gardens, as recorded in Liber 3 of Plats, Page 19, Washtenaw County Records; thence South 55.05 feet along the East right-of-way line of Platt Road to the Point of Beginning; thence S 88° 18' 45" E 315.66 feet; thence S 24° 12' 10" W 60.06 feet along the East line of the lot; thence N 88° 13' 20" W 291.04 feet to a point on the East right-of-way line of Platt Road; thence North 55.05 feet along said right-of-way line to the Point of Beginning, said parcel being a part of Lot 70 of said Wagner-McComb Boulevard Gardens.

PARCEL C
 Beginning at the SW corner of Lot 70 of Wagner-McComb Boulevard Gardens, as recorded in Liber 3 of Plats, Page 19, Washtenaw County Records; thence North 55.05 feet along the East right-of-way line of Platt Road to the Point of Beginning; thence S 88° 13' 20" E 291.04 feet; thence S 24° 12' 10" W 60.06 feet along the East line of the lot; thence N 88° 07' 00" W 266.42 feet along the South line of the lot to the Point of Beginning, said parcel being a part of Lot 70 of said Wagner-McComb Boulevard Gardens.

The combined description for parcels A, B and C is as follows:

Lot 70, Wagner-McComb Boulevard Gardens, as recorded in Liber 3 of Plats, page 19, Washtenaw County Records.

SCHEDULE-B SECTION II EXCEPTIONS (PER ABSOLUTE TITLE, INC.)
File No.: 73083, Effective Date: December 14, 2012

4. Building and use restrictions contained in instrument recorded in Liber 215, Page 224, and amended in Liber 378, Page 473, Washtenaw County Records, which are not in the chain of title and may constitute a general plan of development, but omitting any such covenant or restriction based on race, color, religion, sex, handicap, familial status or national origin. (AFFECTS SUBJECT PARCEL, NOT A SURVEY MATTER)

5. NOTE: survey of subject property recorded in Liber 1505, Page 910, Washtenaw County Records. Shown for information purposes only.

SCHEDULE A-LEGAL DESCRIPTION (PER ABSOLUTE TITLE, INC.)
File No.: 73070, Effective Date: December 3, 2012

The land referred to in this Search is situated in the City of Ann Arbor, Washtenaw County, Michigan, and is described as follows:

Lot 71, Wagner-McComb Boulevard Gardens, as recorded in Liber 3 of Plats, Page 19, Washtenaw County Records.

3451-3457 Platt Road

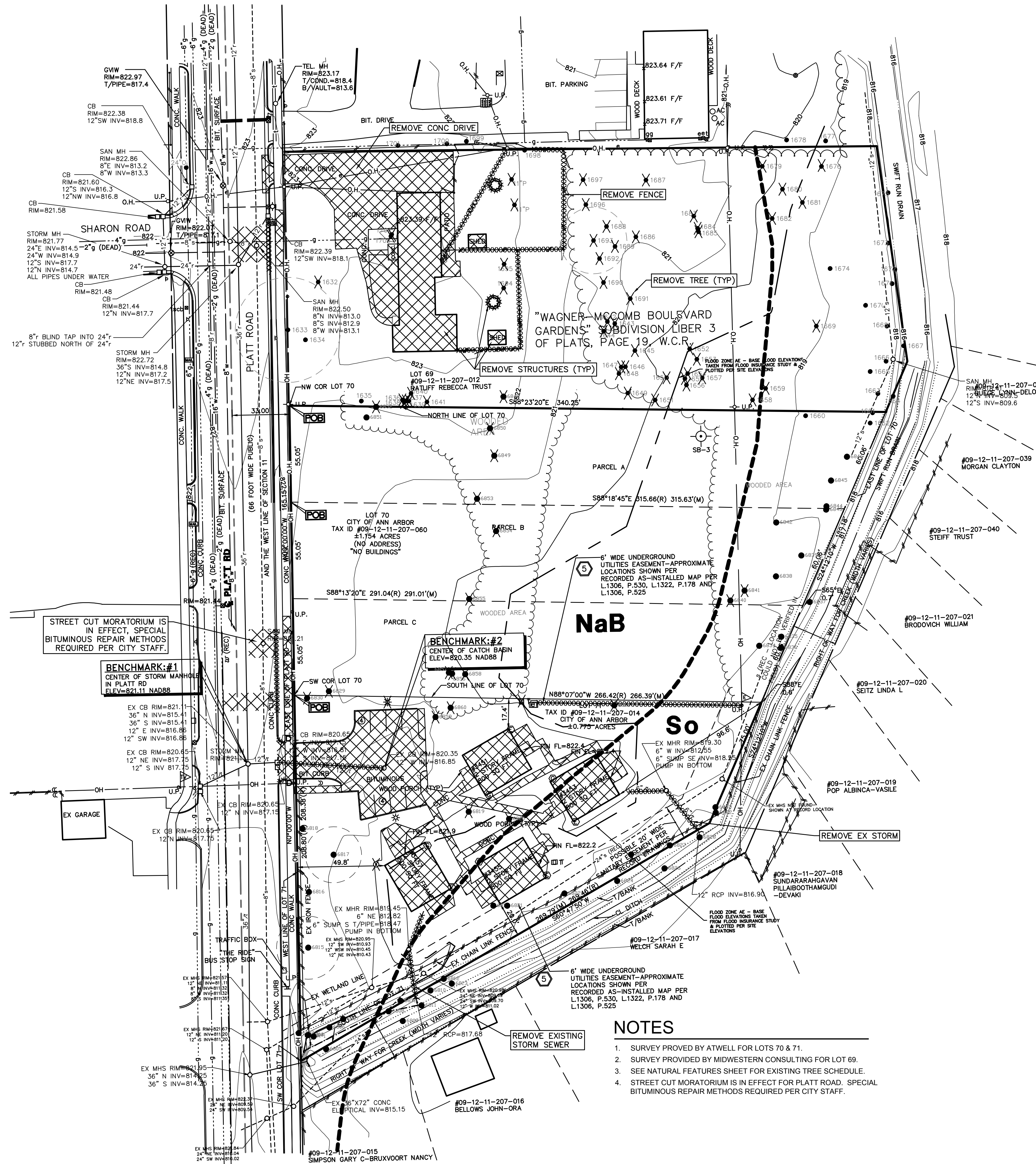
SCHEDULE B-SECTION II EXCEPTIONS (PER ABSOLUTE TITLE, INC.)
File No.: 73070, Effective Date: December 3, 2012

4. Building and use restrictions contained in instrument recorded in Liber 215, Page 224, Washtenaw County Records, and as amended in Liber 378, Page 473, Washtenaw County Records, but omitting any such covenant or restriction based on race, color, religion, sex, handicap, familial status or national origin. (AFFECTS SUBJECT PARCEL, REFERS TO 35 FOOT FRONT SETBACK AND 20 FOOT SIDE SETBACK)

5. Easement Grant and Declaration of Restrictions in favor of The Detroit Edison Company and Michigan Bell Telephone Company, as recorded in Liber 1306, Page 530, and re-recorded in Liber 1322, Page 178, Washtenaw County Records, and Agreement pertaining thereto, as recorded in Liber 1306, Page 525, Washtenaw County Records. (AFFECTS SUBJECT PARCEL, AS SHOWN HEREON)

The land referred to in this Search is situated in the City of Ann Arbor, Washtenaw County, Michigan, and is described as follows:

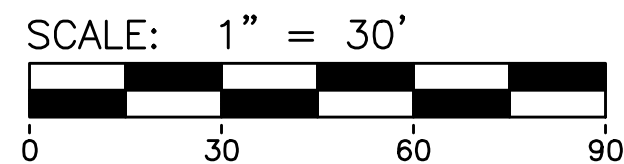
Lot 69, Wagner-McComb Boulevard Gardens, as recorded in Liber 3 of Plats, Page 19, Washtenaw County Records.



LEGEND	
838	EXIST. CONTOUR
○-U.P.	EXIST. SPOT ELEVATION
○-GP	EXIST. UTILITY POLE
○-GP	EXIST. GUY POLE
⊠	GUY WIRE
⊠	ELEC. TRANSFORMER
⊠	EXIST. OVERHEAD UTILITY LINE
⊠	EXIST. LIGHT POLE
⊠	EXIST. TELEPHONE LINE
⊠	EXIST. ELECTRIC LINE
⊠	EXIST. GAS LINE
⊠	EXIST. GAS VALVE
⊠	EXIST. FIBER OPTIC LINE
⊠	EXIST. WATER MAIN
⊠	EXIST. HYDRANT
⊠	EXIST. GATE VALVE IN BOX
⊠	EXIST. GATE VALVE IN WELL
⊠	EXIST. CURB STOP & BOX
⊠	EXIST. BLOW-OFF
⊠	POST INDICATOR VALVE
⊠	EXIST. STORM SEWER
⊠	EXIST. CATCH BASIN OR INLET
⊠	END SECTION
⊠	HEAD WALL
⊠	CULVERT
⊠	EXIST. SANITARY SEWER
⊠	EXIST. CLEANOUT
T/C	TOP OF CURB
T/P	TOP OF PAVEMENT
G	GUTTER
T/W	TOP OF WALK
⊠	C/L OF DITCH
⊠	SIDEWALK RAMP
⊠	DRAINAGE DIRECTION
⊠	CONCRETE SURFACE
⊠	ENCLOSED TRASH AREA
⊠	SIGN
⊠	MAILBOX
⊠	TELEPHONE RISER
⊠	CABLE TELEVISION RISER
⊠	ELECTRIC METER
⊠	WATER METER
⊠	GAS METER
⊠	POST
⊠	WELL
⊠	SINGLE TREE
⊠	FENCE
⊠	GUARDRAIL
⊠	TREE OR BRUSH LIMIT
⊠	EXIST. BOULDER
⊠	EXIST. SPRINKLER HEAD
⊠	SECTION CORNER
⊠	SOIL BORING LOCATION
⊠	SET IRON PIPE
⊠	FOUND IRON PIPE
⊠	SET MONUMENT
⊠	FOUND MONUMENT
⊠	SET P.K.
⊠	FOUND P.K.
⊠	SET IRON ROD
⊠	FOUND IRON ROD
⊠	CONTROL PT.
⊠	CENTERLINE
⊠	PROPERTY LINE
⊠	SILT FENCE
⊠	SOILS TYPE KEY
⊠	SOILS TYPE BOUNDARY
⊠	REMOVALS
⊠	FLOODPLAIN BOUNDARY

NOTES

1. SURVEY PROVIDED BY ATWELL FOR LOTS 70 & 71.
2. SURVEY PROVIDED BY MIDWESTERN CONSULTING FOR LOT 69.
3. SEE NATURAL FEATURES SHEET FOR EXISTING TREE SCHEDULE.
4. STREET CUT MORATORIUM IS IN EFFECT FOR PLATT ROAD. SPECIAL BITUMINOUS REPAIR METHODS REQUIRED PER CITY STAFF.



MIDWESTERN CONSULTING
 Civil, Environmental and Transportation Engineers
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 Ann Arbor, Michigan 48108
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 Fax: 734.995.0599

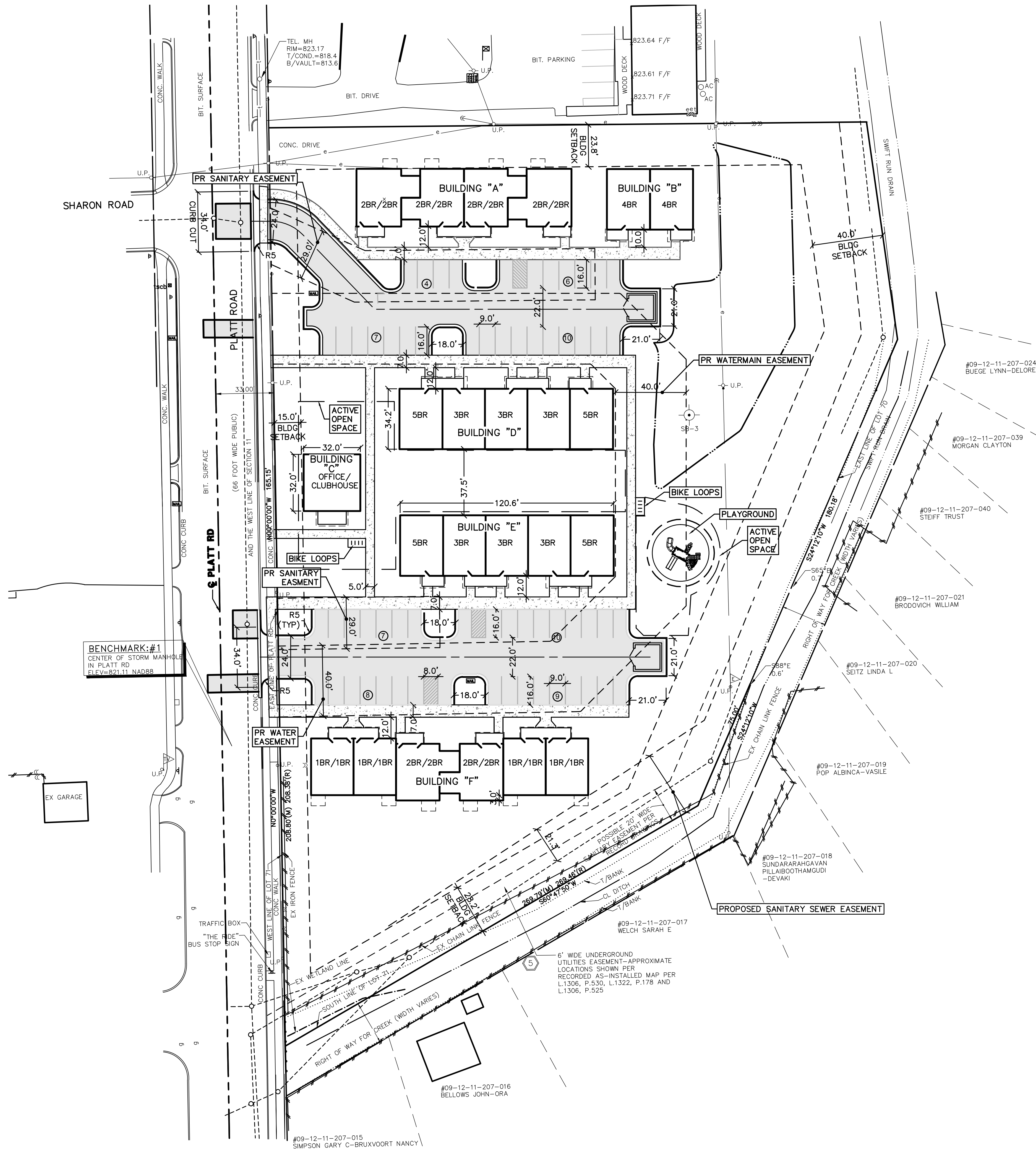
CLIENT
 NORTHSTAR DEVELOPMENT
 733 BROADWAY
 ALBANY, NY 12207
 LORI HARRIS
 (518) 431-1051

PLATT - EAST
 PRELIMINARY SITE PLAN
 EXISTING CONDITIONS AND REMOVALS

14002-200

DATE: 08-07-14
 SHEET 02 OF 11
 REV. DATE
 ENG: HTH
 CADD: HTH
 PLOT: SWB
 TECH: JWB
 140022-200.dwg

2



LEGEND

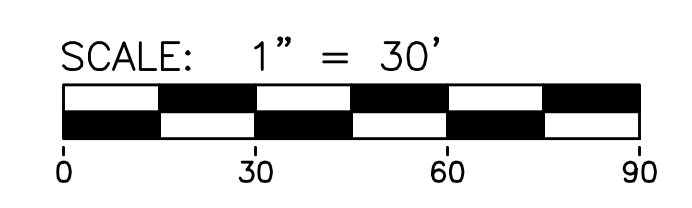
- U.P. EXIST. UTILITY POLE
- GP EXIST. GUY POLE
- GUY WIRE
- OH ELEC. TRANSFORMER
- OH EXIST. OVERHEAD UTILITY LINE
- LP EXIST. LIGHT POLE
- LP* PROP. LIGHT POLE
- HD EXIST. HYDRANT
- HD* PROP. HYDRANT
- GVB EXIST. GATE VALVE IN BOX
- GVB* PROP. GATE VALVE IN BOX
- GVW EXIST. GATE VALVE IN WELL
- GVW* PROP. GATE VALVE IN WELL
- SR SIDEWALK RAMP
- TA ENCLOSED TRASH AREA
- SIGN
- MB MAILBOX
- FENCE
- GR GUARDRAIL
- SIP SET IRON PIPE
- FIP FOUND IRON PIPE
- BP BITUMINOUS PAVING
- CCW CONCRETE WALKS
- DA DETENTION AREA (HIGH WATER LINE)

BUILDING SQUARE FOOTAGES

Building	1st Floor	2nd Floor	Total
A	3683	3683	7366
B	1648	1358	3006
C	1024	0	1024
D	4095	3189	7284
E	4095	3189	7284
F	4923	4923	9846
Total			35810

GENERAL NOTES

- PER CHAPTER 49, SECTION 4:58 OF THE CITY CODE, "ALL SIDEWALKS ARE TO BE KEPT AND MAINTAINED IN GOOD REPAIR BY THE OWNER OF THE LAND ADJACENT TO AND ABUTTING THE SAME." PRIOR TO ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY FOR THIS SITE, ALL EXISTING SIDEWALKS MUST BE REPAIRED IN ACCORDANCE WITH CITY STANDARDS.
- THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CITY OF ANN ARBOR PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS WHICH ARE INCLUDED BY REFERENCE.
- THE OMISSION OF ANY STANDARD DETAILS DOES NOT RELIEVE THE CONTRACTORS OF THEIR OBLIGATION TO CONSTRUCT ITEMS IN COMPLETE ACCORDANCE WITH PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS.
- STREET CUT MORATORIUM IS IN EFFECT FOR PLATT ROAD. SPECIAL BITUMINOUS REPAIR METHODS REQUIRED PER CITY STAFF.
- PARKING ILLUMINATION AND GENERAL SITE LIGHTING WILL BE DIRECTED DOWNWARD, HAVE CUT-OFF FEATURES TO PREVENT LIGHT POLLUTION AND WILL NOT GLARE INTO ANY BEDROOM.
- IT IS ASSUMED THAT RESIDENTS WILL SECURE BICYCLES TO THE PORCHES AT EACH UNITS ENTRY DOOR AND WILL BE COVERED BY ABOVE ROOF OR RESIDENTS WILL SECURE THEIR BIKES INSIDE THE UNITS. THIS BICYCLE STORAGE METHOD IS PROPOSED IN LIEU OF REMOTE CLASS "A" BIKE STORAGE UNITS.



MIDWESTERN CONSULTING
Civil, Environmental and Transportation Engineers
Planners, Surveyors
Landscape Architects

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CLIENT
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ALBANY, NY 12207
LORI HARRIS
(518) 431-1051

PLATT - EAST
PRELIMINARY SITE PLAN
DIMENSIONAL SITE PLAN

JOB No. **14002-200**

DATE: 06-07-14
SHEET 04 OF 11
REV. DATE: 07-03-14
REVISED SITE LIMITS

ENC. HTH
CADD: HTH
ENG: HTH
P.M.: SWB
TECH: HTH
14002SP-200.dwg

SCALE: 1" = 30'

Bio-Retention Island & Wetland Seed Mix

Botanical Name	Common Name	Rate Per Acre
<i>Andropogon scoparius</i>	Life blue stem	1 lb/acre
<i>Calamagrostis canadensis</i>	Blue joint grass	1 oz/acre
<i>Carex hystericina</i>	Porcupine sedge	2 oz/acre
<i>Carex stipata</i>	Awl-Fulbed sedge	2 oz/acre
<i>Carex vulpinoidea</i>	Fox sedge	2 oz/acre
<i>Eleocharis obtusa</i>	Blunt spike rush	2 oz/acre
<i>Eleocharis palustris</i>	Spike rush	5 oz/acre
<i>Elymus canadensis</i>	Canada wild rye	5 lb/acre
<i>Elymus villosus</i>	Silky wild rye	8 oz/acre
<i>Leersia oryzoides</i>	Rice cut grass	4 oz/acre
<i>Lolium multiflorum</i>	Annual rye	200 lb/acre
<i>Panicum virgatum</i>	Switch grass	12 oz/acre
<i>Scirpus atrovirens</i>	Dark green rush	2 oz/acre
<i>Scirpus cyperinus</i>	Wool grass	0.5 oz/acre
<i>Scirpus fluviatilis</i>	River bulrush	2 oz/acre
<i>Sorghastrum nutans</i>	Indian grass	4 oz/acre

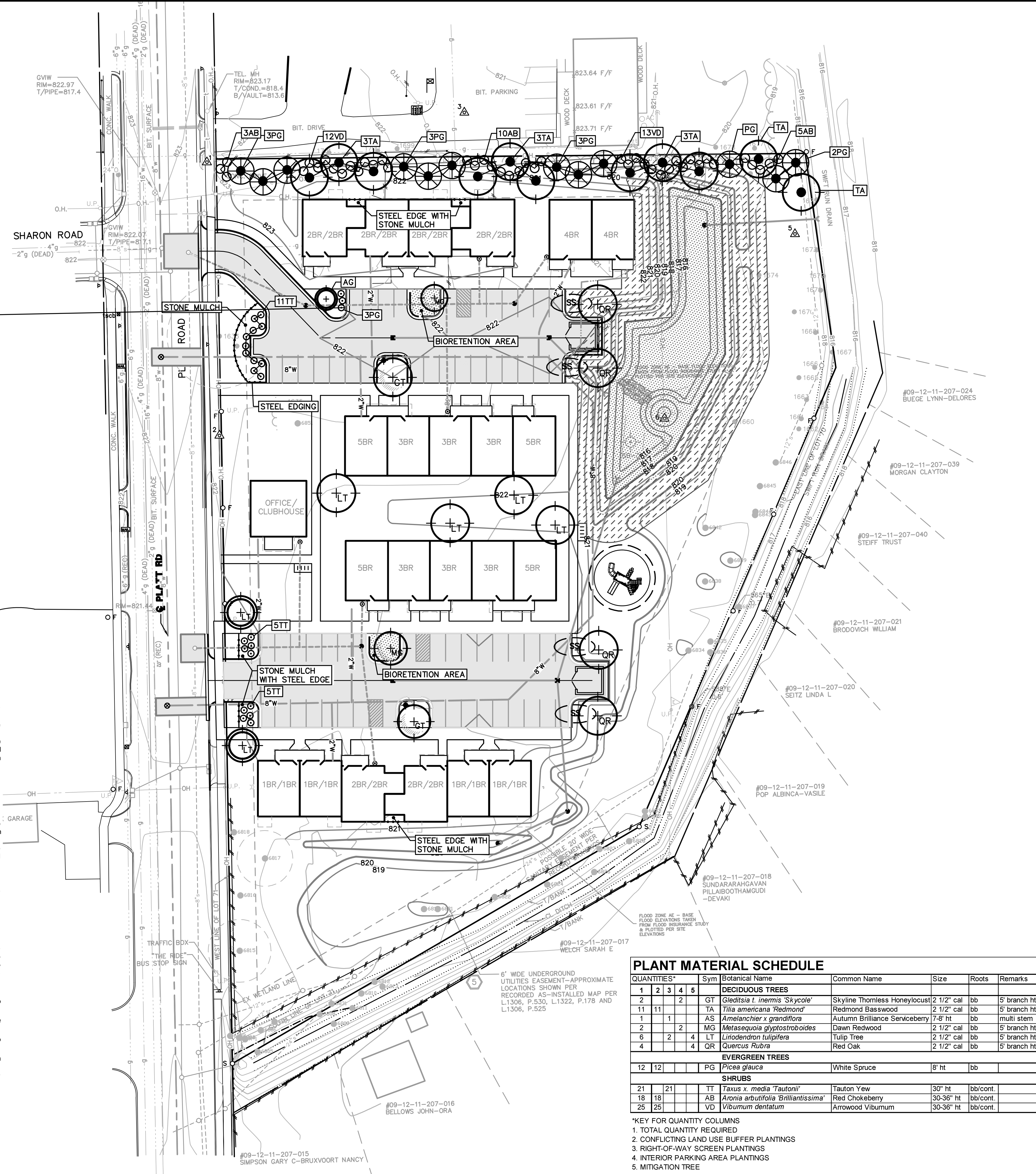
Botanical Name	Common Name	Rate per Acre
<i>Angelica atropurpurea</i>	Angelica	2 oz/acre
<i>Asclepias incarnata</i>	Swamp milkweed	9 oz/acre
<i>Aster lateriflorus</i>	Calico aster	2 oz/acre
<i>Aster novae-angliae</i>	New England aster	4 oz/acre
<i>Bidens sp.</i>	Bidens	2 oz/acre
<i>Echinacea purpurea</i>	Purple cone flower	8 oz/acre
<i>Eupatorium maculatum</i>	Spotted Joe-pye weed	4 oz/acre
<i>Eupatorium perfoliatum</i>	Boneset	6 oz/acre
<i>Helenium autumnale</i>	Sneezeweed	6 oz/acre
<i>Juncus effusus</i>	Soft-stemmed bulrush	2 oz/acre
<i>Lobelia cardinalis</i>	Cardinal flower	0.5 oz/acre
<i>Monarda fistulosa</i>	Bee-balm	3 oz/acre
<i>Penstemon digitalis</i>	Foxglove beardsbongue	4 oz/acre
<i>Penstemon hirsutus</i>	Hairy beardsbongue	2 oz/acre
<i>Physotegia virginiana</i>	Obedient plant	2 oz/acre
<i>Rudbeckia pennata</i>	Yellow headed coneflower	2 oz/acre
<i>Rudbeckia hirta</i>	Black-eyed Susan	4 oz/acre
<i>Rudbeckia laciniata</i>	Cut-leaved coneflower	5 oz/acre
<i>Silphium perfoliatum</i>	Cup plant	10 oz/acre
<i>Silphium terobinthaceum</i>	Prune dock	15 oz/acre
<i>Solidago graminifolia</i>	Grass-leaved goldenrod	1 oz/acre
<i>Solidago rigida</i>	Rigid's goldenrod	1 oz/acre
<i>Solidago speciosa</i>	Showy goldenrod	2 oz/acre
<i>Verbena hastata</i>	Blue vervain	3 oz/acre
<i>Veronica virginicum</i>	Culver's root	1 oz/acre
<i>Vernonia missurica</i>	Ironweed	4 oz/acre

Botanical Name	Common Name	Rate per Acre
<i>Lolium multiflorum</i>	Annual Rye	200 lbs/acre

Botanical Name	Common Name	Application
<i>Elymus canadensis</i>	Canada Wild-rye	1 lbs/acre
<i>Panicum virgatum</i>	Switch Grass	4 oz/acre
<i>Schizachyrium scoparium</i>	Little Blue Stem	1.5 lbs/acre
<i>Sorghastrum nutans</i>	Indian Grass	1 lbs/acre
<i>Lolium multiflorum</i>	Annual Rye	200 lbs/acre

LANDSCAPE NOTES

- Water outlets will be provided within 150 feet of all required plantings.
- Plant materials shall be selected and installed in accordance with standards established by the City Parks and Recreation Department.
- All diseased, damaged or dead material shown on the site plan as proposed plantings shall be replaced by the end of the following growing season.
- Restore remaining disturbed areas (except detention basin overflow) with a minimum of four (4) inches of topsoil and then seed/fertilize/mulch. Fertilizer for the initial establishment of lawns shall provide not less than one (1) pound of actual nitrogen per 1000 sq ft of lawn area and shall contain not less than two percent (2%) potassium and four percent (4%) phosphoric acid.
Seed mix shall consist as follows:
15% Rugby Kentucky Bluegrass
10% Park Kentucky Bluegrass
40% Ruby Creeping Red Fescue
15% Pennine Perennial Ryegrass
20% Scalds Hard Fescue
Seed shall be applied at a rate of five pounds (5 lbs) per 1000 sq ft. Mulch within 24 hours with two (2) tons of straw per acre, or 71 bales of excelsior mulch per acre. Anchor straw mulch with spray coating of adhesive material applied at the rate of 150 gals/acre.
- Deciduous plants shall be planted between March 1 and May 15 and from October 1 until the prepared soil becomes frozen. Evergreen plants shall be planted between March 1 and June 1 and from August 15 and September 15.
- All plants except ground cover are to receive four (4) inches of shredded bark mulch.
- All trees to be located a minimum of 10 feet from public utilities.
- All single trunk, deciduous trees shall have a straight and a symmetrical crown with a central leader. One sided trees or those with thin or open crowns shall not be accepted.
- All evergreen trees shall be branched fully to the ground, symmetrical in shape and have not been sheared in the last three (3) growing seasons.
- Fertilizer applied after the first growing season shall NOT contain phosphorus.
- All compacted subgrade soils in proposed landscape areas shall be tilled to a minimum 12-inch depth prior to placement of topsoil, geotextile fabric, or other planting media as specified.
- Planting Soil: Existing, in-place or stockpiled topsoil. Supplement with imported topsoil as needed. Verify suitability of existing surface soil to produce viable planting soil. Remove stones, roots, plants, sod, clods, clay lumps, pockets of coarse sand, concrete slurry, concrete layers or chunks, cement, plaster, building debris, and other extraneous materials harmful to plant growth. Mix surface soil with the following soil amendments to produce planting soil:
a. Ratio of Loose Compost to Topsoil by Volume: 1:4.
b. Weight of Lime per 1000 sq. ft.: Amend with lime only on recommendation of soil test to adjust soil pH.
c. Weight of sulfur or aluminum sulfate per 1,000 sq. ft.: amend with sulfur or aluminum sulfate only on recommendation of soil test to adjust soil pH.
d. Volume of Sand: amend with sand only on recommendation of the Landscape Architect to adjust soil texture.
e. Weight of Slow-release Fertilizer per 1,000 sq. ft.: amend with fertilizer only on recommendation of soil test to adjust soil fertility.
- Snow cannot be pushed onto interior islands unless they are designated on the plan for snow storage. Bio-retention islands can be used for snow storage.
- Snow storage areas are shown on the plans.
- Proposed trees will be planted a minimum of 15 feet apart.



LEGEND

— e —	EXIST. ELECTRIC LINE
— E —	PROP. ELECTRIC LINE
— G —	EXIST. GAS LINE
— G —	PROP. GAS LINE
— g —	EXIST. GAS VALVE
— f.o. —	EXIST. FIBER OPTIC LINE
— F.O. —	PROP. FIBER OPTIC LINE
— W —	EXIST. WATER MAIN
— W —	PROP. WATER MAIN
— H —	EXIST. HYDRANT
— H —	PROP. HYDRANT
— G —	EXIST. GATE VALVE IN BOX
— G —	PROP. GATE VALVE IN BOX
— G —	EXIST. GATE VALVE IN WELL
— G —	PROP. GATE VALVE IN WELL
— G —	EXIST. CURB STOP & BOX
— G —	PROP. CURB STOP & BOX
— R —	REDUCER
— B —	EXIST. BLOW-OFF
— B —	PROP. BLOW-OFF
— P —	POST INDICATOR VALVE
— P —	THRUST BLOCK
— S —	EXIST. STORM SEWER
— S —	PROP. STORM SEWER
— C —	EXIST. CATCH BASIN OR INLET
— C —	PROP. CATCH BASIN OR INLET
— E —	END SECTION
— H —	HEAD WALL
— C —	CULVERT
— S —	EXIST. SANITARY SEWER
— S —	PROP. SANITARY SEWER
— C —	EXIST. CLEANOUT
— C —	PROP. CLEANOUT

LANDSCAPE LEGEND

⊕	PROPOSED CANOPY TREE (MITIGATION)
⊕	PROPOSED EVERGREEN SHRUBS
⊕	PROPOSED DECIDUOUS SHRUBS
⊕	PROPOSED CANOPY TREE (INTERIOR VUA)
⊕	PROPOSED CANOPY TREE (CONFLICTING LAND USE BUFFER)
⊕	PROPOSED CANOPY TREE (RIGHT-OF-WAY SCREEN)
⊕	PROPOSED EVERGREEN TREE (CONFLICTING LAND USE BUFFER)
⊕	FIRST FLUSH BASIN/DETENTION POND/WETLAND SEED MIX
⊕	NATURAL RESTORATION SEED MIX
⊕	SS SNOW STORAGE AREA

LANDSCAPE REQUIREMENTS

R.O.W. SCREENING
Required: 10 foot landscape strip with 1 tree/30LF of frontage; 30 inch high continuous hedge
Provided: 2 LT + 1 AS proposed trees +1 existing (#1633) tree + 21 TT shrubs

INTERIOR LANDSCAPING
Total vehicular use area = 18,024 sf
Interior landscape required = 1:20 sf = 901 sf
Provided = 1,108 sf
Trees required = 901 sf / 1 tree per every 250 sf = 4 trees
Provided: 2 MG + 2 GT trees
Bio-Retention required = 901 sf / 50% = 451 sf
Provided = 554 sf

CONFLICTING LAND USE BUFFER
340 LF along the north side of the project. The east and south sides are separated by a county drain ROW much like the Packard road ROW to the west so the ordinance does not apply
Required: 1 tree / 15 lf; 2" min caliper measured 6" above root ball, 50% evergreen trees - 7" min ht;
48" hedge = 23 trees and continuous hedge
Provided: 12 PG + 11 TA trees + 18 AB + 25 VD shrubs

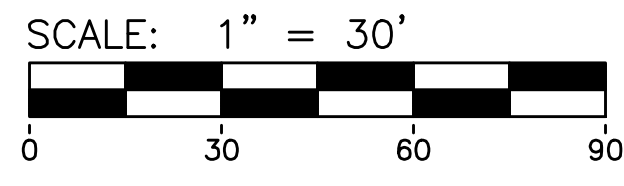
STREET TREES
518 lf of frontage X \$1.30/LF = \$674 street tree escrow
Provided = \$674 to City of Ann Arbor

LANDMARK MITIGATION
There are no woodlands on the site.
Total landmark regulated trees removed = 2 trees (#6821 & #6830) / 37 caliper inches
50% mitigation required = 18.5 caliper inches required
Trees provided: 2 QR + 4 LT trees x 2.5" = 20 caliper inches

PLANT MATERIAL SCHEDULE

QUANTITIES*						Sym	Botanical Name	Common Name	Size	Roots	Remarks
1	2	3	4	5	6		DECIDUOUS TREES				
11	11					GT	<i>Gleditsia t. inermis 'Skycole'</i>	Skyline Thornless Honeylocust	2 1/2" cal	bb	5' branch ht
1	1					TA	<i>Tilia americana 'Redmond'</i>	Redmond Basswood	2 1/2" cal	bb	5' branch ht
1	1					AS	<i>Amelanchier x grandiflora</i>	Autumn Brilliance Serviceberry	7-8" ht	bb	multi stem
2						MG	<i>Metasequoia glyptostroboides</i>	Dawn Redwood	2 1/2" cal	bb	5' branch ht
6	2					LT	<i>Liriodendron tulipifera</i>	Tulip Tree	2 1/2" cal	bb	5' branch ht
4						QR	<i>Quercus Rubra</i>	Red Oak	2 1/2" cal	bb	5' branch ht
12	12					PG	<i>Picea glauca</i>	White Spruce	8' ht	bb	
							SHRUBS				
21	18					TT	<i>Taxus x media 'Tautoni'</i>	Tauton Yew	30" ht	bb/cont.	
18						AB	<i>Aronia arbutifolia 'Brilliantissima'</i>	Red Chokeberry	30-36" ht	bb/cont.	
25	25					VD	<i>Viburnum dentatum</i>	Arrowwood Viburnum	30-36" ht	bb/cont.	

- *KEY FOR QUANTITY COLUMNS
1. TOTAL QUANTITY REQUIRED
2. CONFLICTING LAND USE BUFFER PLANTINGS
3. RIGHT-OF-WAY SCREEN PLANTINGS
4. INTERIOR PARKING AREA PLANTINGS
5. MITIGATION TREE



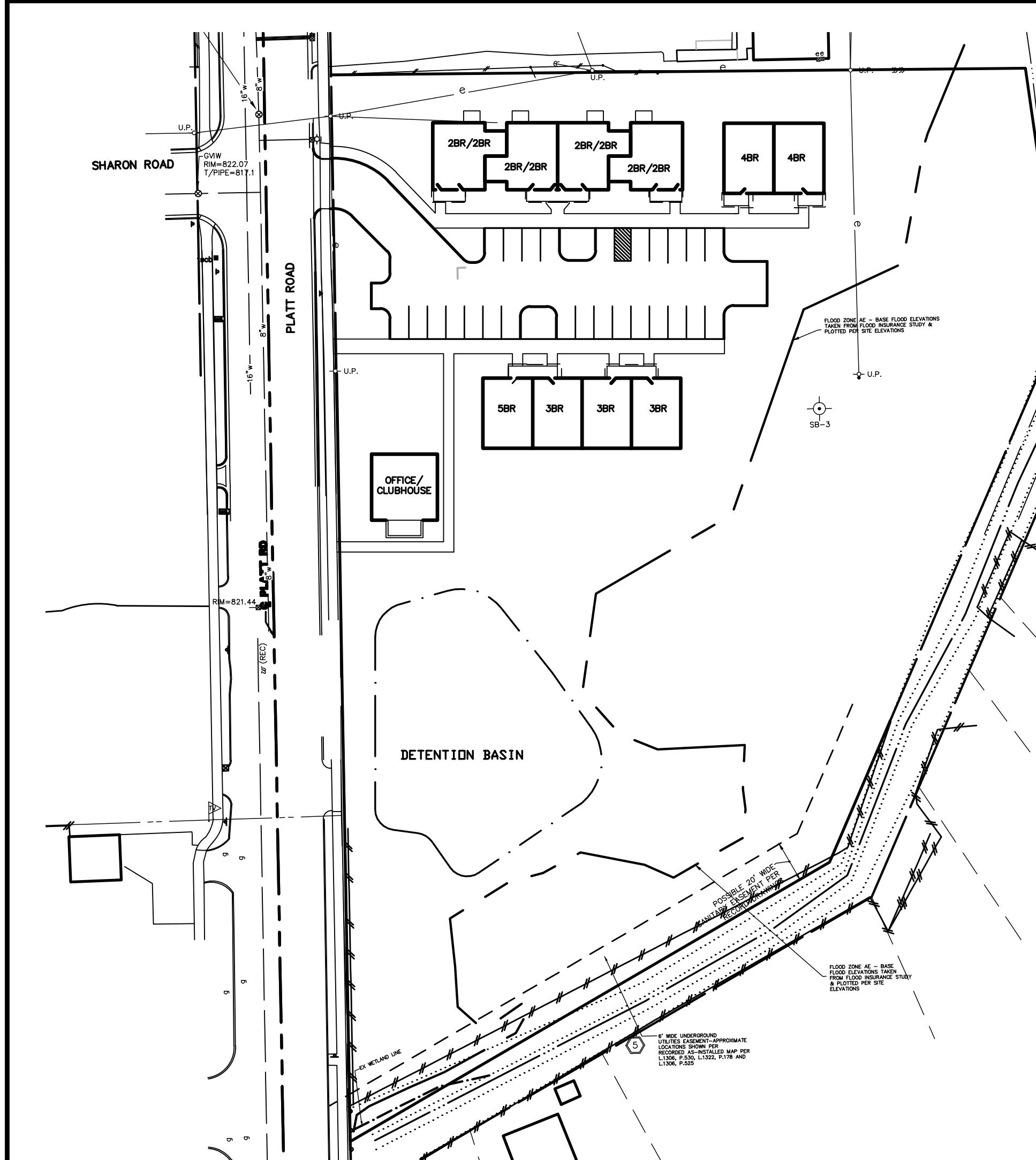
MIDWESTERN CONSULTING
Civil, Environmental and Transportation Engineers
Planners, Surveyors
Landscape Architects
3815 Plaza Drive
Ann Arbor, Michigan 48108
Phone: 734.995.0200
Fax: 734.995.0599

CLIENT
NORTHSTAR DEVELOPMENT
733 BROADWAY
ALBANY, NY 12207
LORI HARRIS
(518) 431-1051

PLATT - EAST
PRELIMINARY SITE PLAN
LANDSCAPE PLAN

JOB No. **14002-200**
DATE: 08-07-14
SHEET 08 OF 11
REV. DATE: 07-03-14
ENG. HTH
CADD: HTH
P.L. SWB
TECH: HTH
14002P-200.dwg

8



OPTION 1

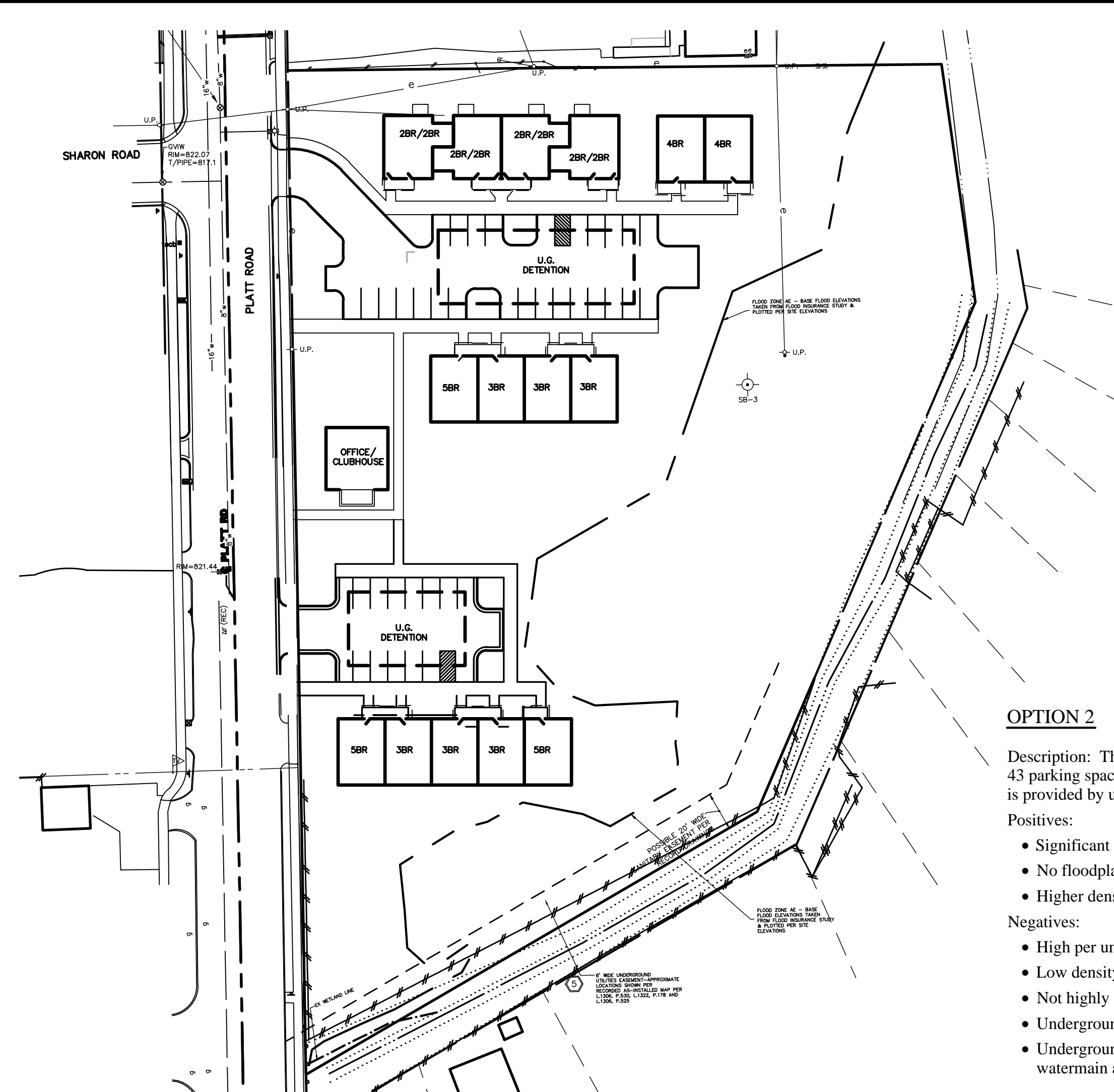
Description: This option provides for 14 units, an office/clubhouse, 27 parking spaces in one lot and community open space, detention is provided by an open basin.

Positives:

- Significant open space for residents
- No floodplain disturbance

Negatives:

- High per unit cost due to inefficient use of land
- Low density will require development of sites elsewhere.
- Not supportive of public transportation



OPTION 2

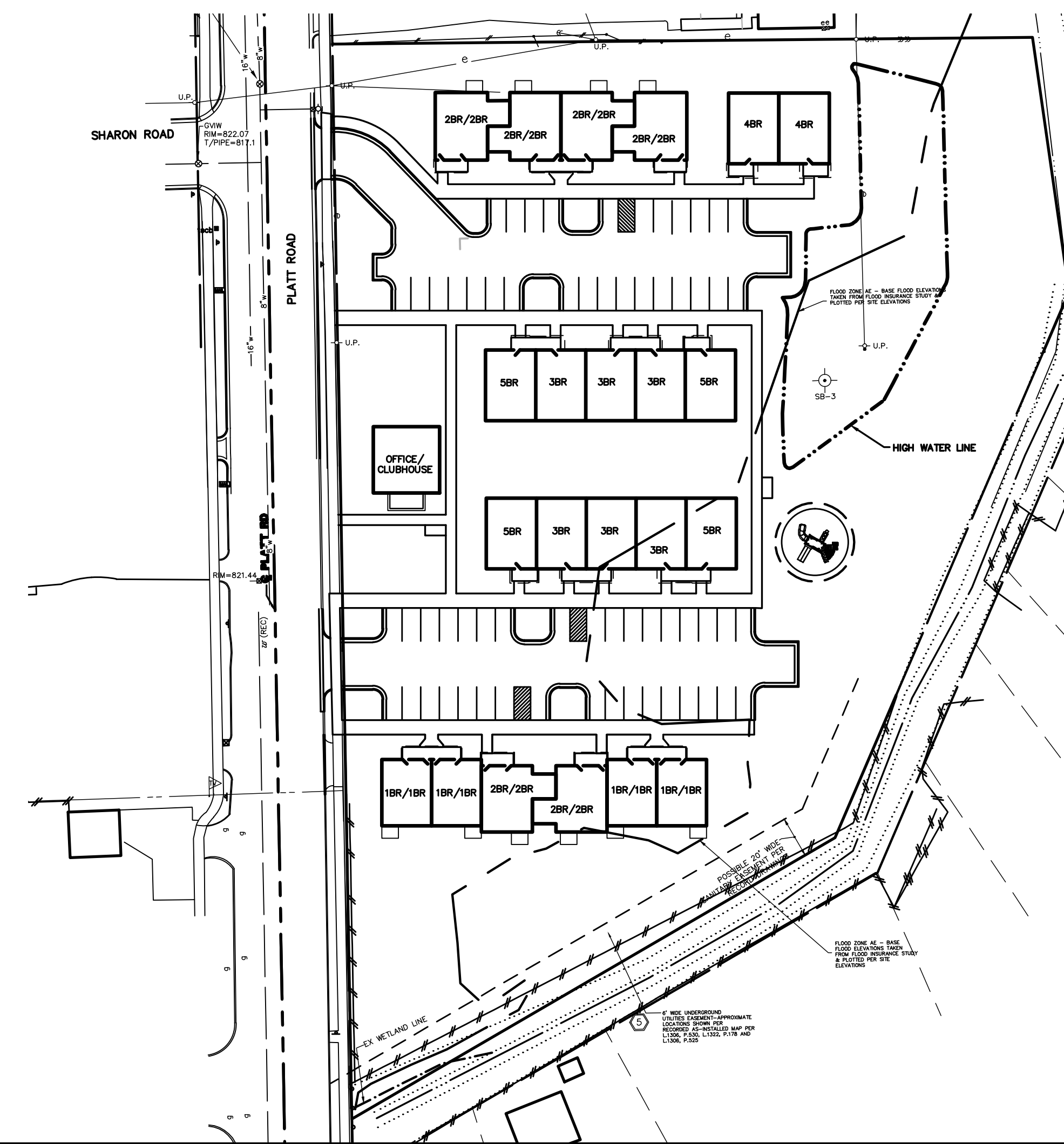
Description: This option provides for 19 units, an office/clubhouse, 43 parking spaces in two lots and community open space, detention is provided by underground chambers.

Positives:

- Significant open space for residents
- No floodplain disturbance
- Higher density helps lower costs

Negatives:

- High per unit cost due to inefficient use of land
- Low density will require development of sites elsewhere.
- Not highly supportive of public transportation
- Underground detention drives costs up
- Underground detention requires less efficient design of watermain and sanitary sewer driving construction costs higher



OPTION 3 - CHOSEN OPTION

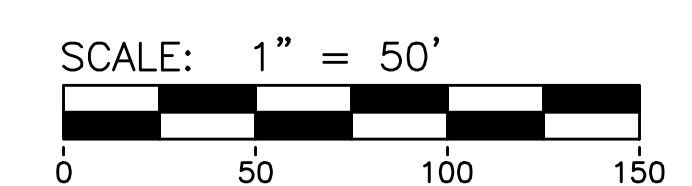
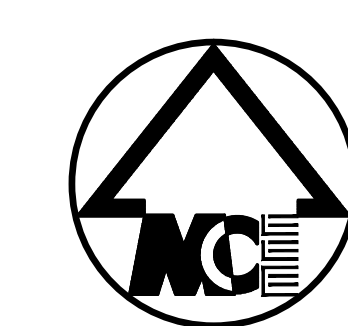
Description: This option provides for 32 units, an office/clubhouse, 51 parking spaces in two lots and lessened amounts of community open space. Detention is provided by an open pond located in the floodplain.

Positives:

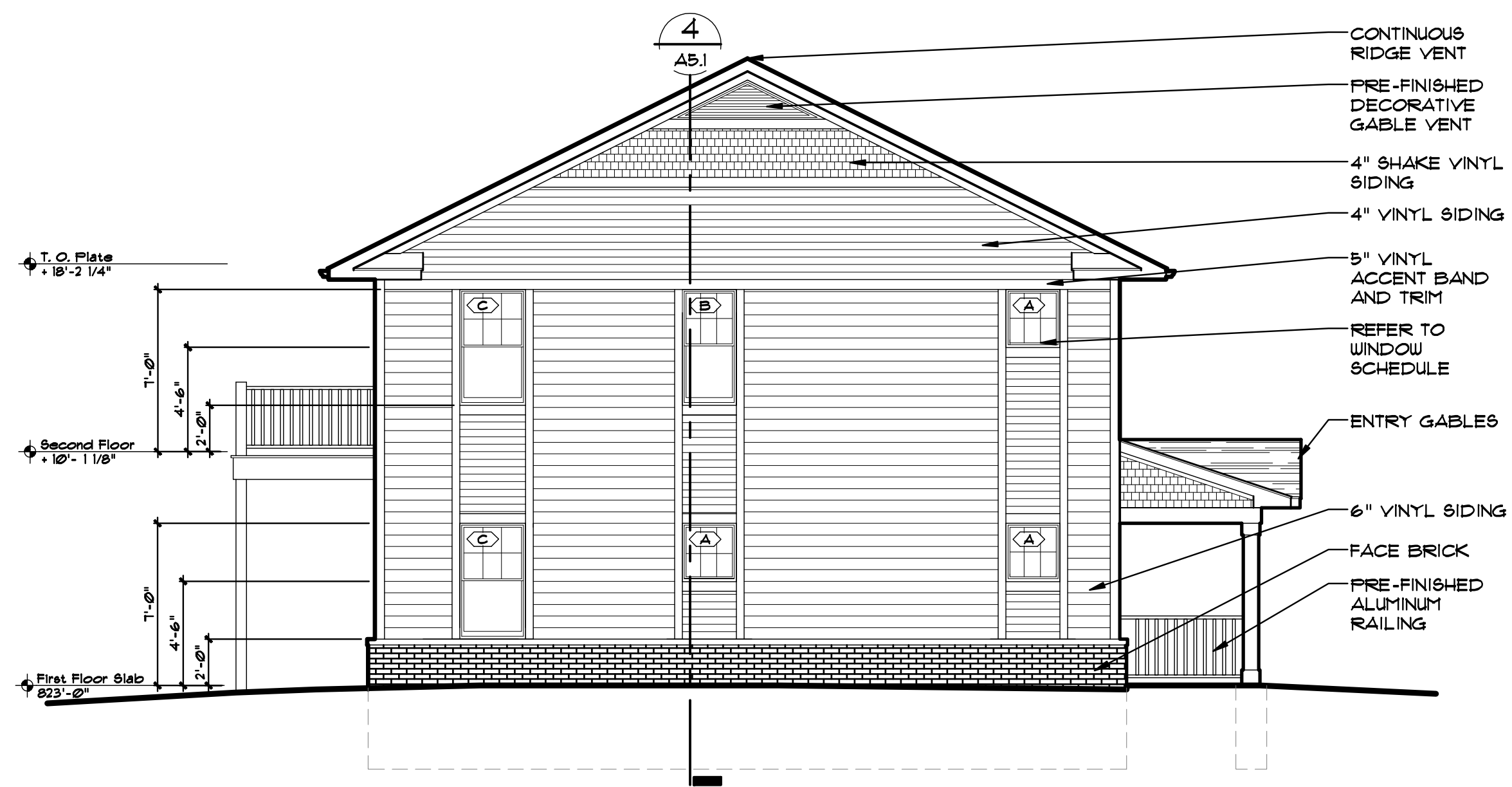
- Highest density and use of the land means most efficiency and lower per unit costs.
- Most supportive of public transportation
- Provides lower likelihood of development of other sites due to need.
- Allows the AAHC to forego the development of the West Platt site while still maintaining the goals of the program.

Negatives:

- Storm water detention is in the floodplain
- Less usable open space



JOB No. 14002-200 REVISIONS: REUSED SITE LIMITS	DATE: 06-07-14 SHEET 09 OF 11	CADD: HTH ENCL: HTH PLOT: SWB TECH: SWB 14002-200.dwg
	REV. DATE: 07-03-14	9
PLATT - EAST PRELIMINARY SITE PLAN ALTERNATE ANALYSIS PLAN		
MIDWESTERN CONSULTING Civil, Environmental and Transportation Engineers Planners, Surveyors Landscape Architects 3815 Plaza Drive Ann Arbor, Michigan 48108 Phone: 734.995.0200 Fax: 734.995.0599		
CLIENT: NORTHSTAR DEVELOPMENT 7333 BROADWAY ALBANY, NY 12207 LORI HARRIS (518) 431-1051		



SIDE ELEVATION Platt East - Building A
SCALE: 3/16"=1'-0"



FRONT ELEVATION Platt East - Building A
SCALE: 3/16"=1'-0"

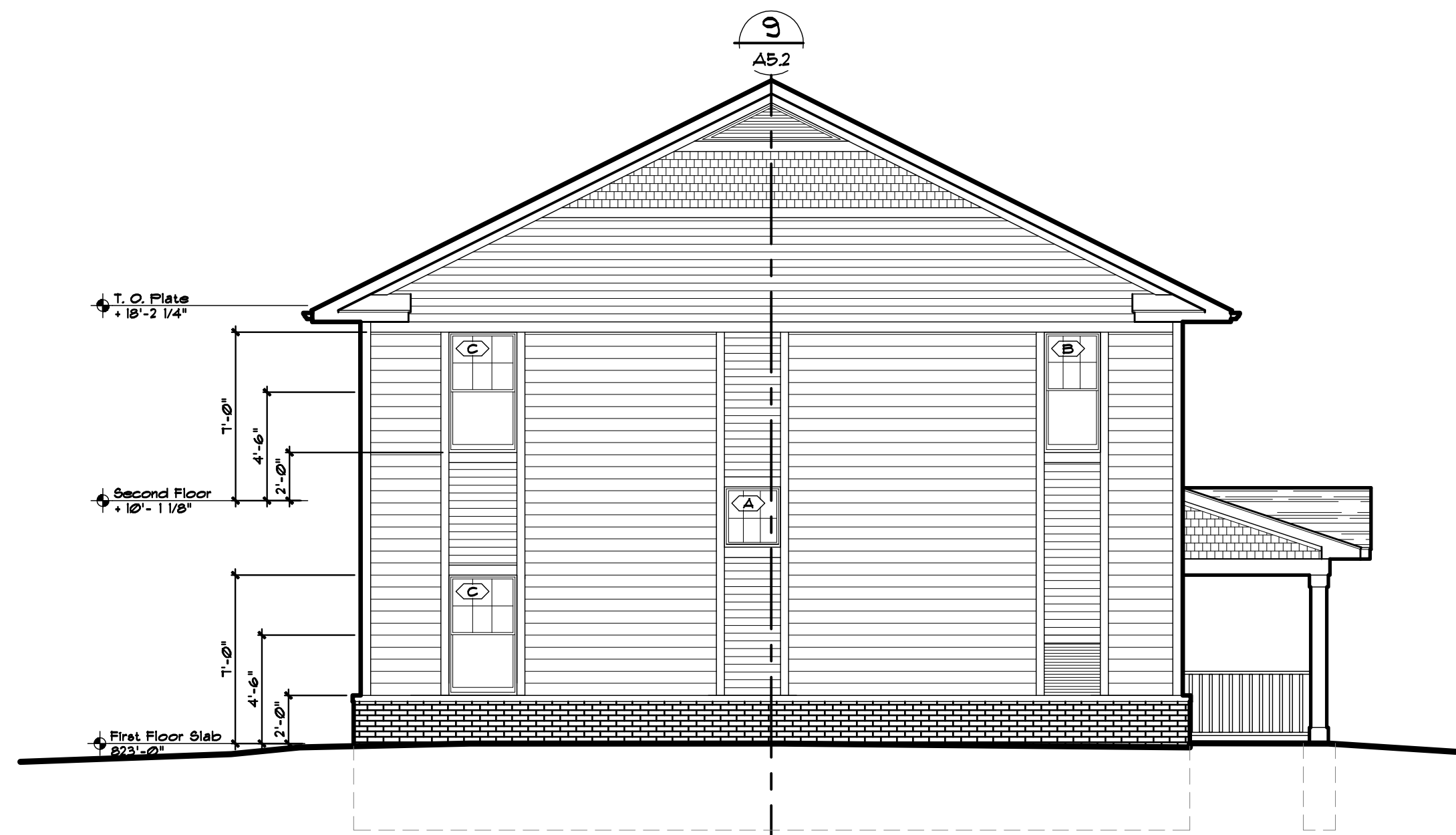


REAR ELEVATION Platt East - Building A
SCALE: 3/16"=1'-0"

Date:	Issued For:	Revised Site Plan
1-15-14	Design Review	7-29-14
1-27-14	Design Review	
2-3-14	Design Review	
4-7-14	Schematic Design	
6-18-14	Schematic Design - Revised	

AAHC - Phase II
Ann Arbor, Michigan
Project Number: 1305C

Platt East - Bldg. A
Exterior Elevations



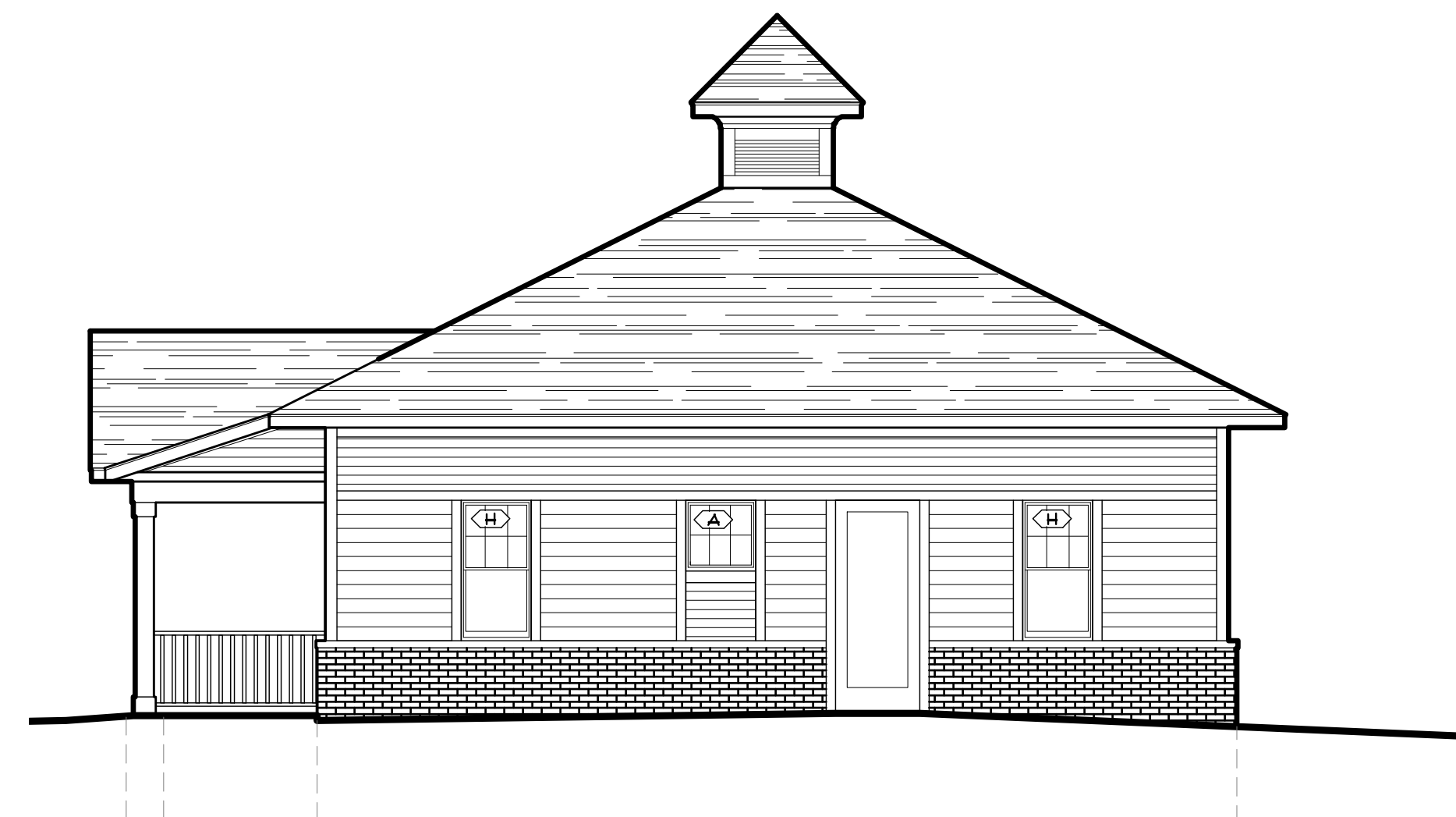
SIDE ELEVATION Platt East - Building B
SCALE: 3/16"=1'-0"



SOUTH ELEVATION Platt East - Building C
SCALE: 3/16"=1'-0"



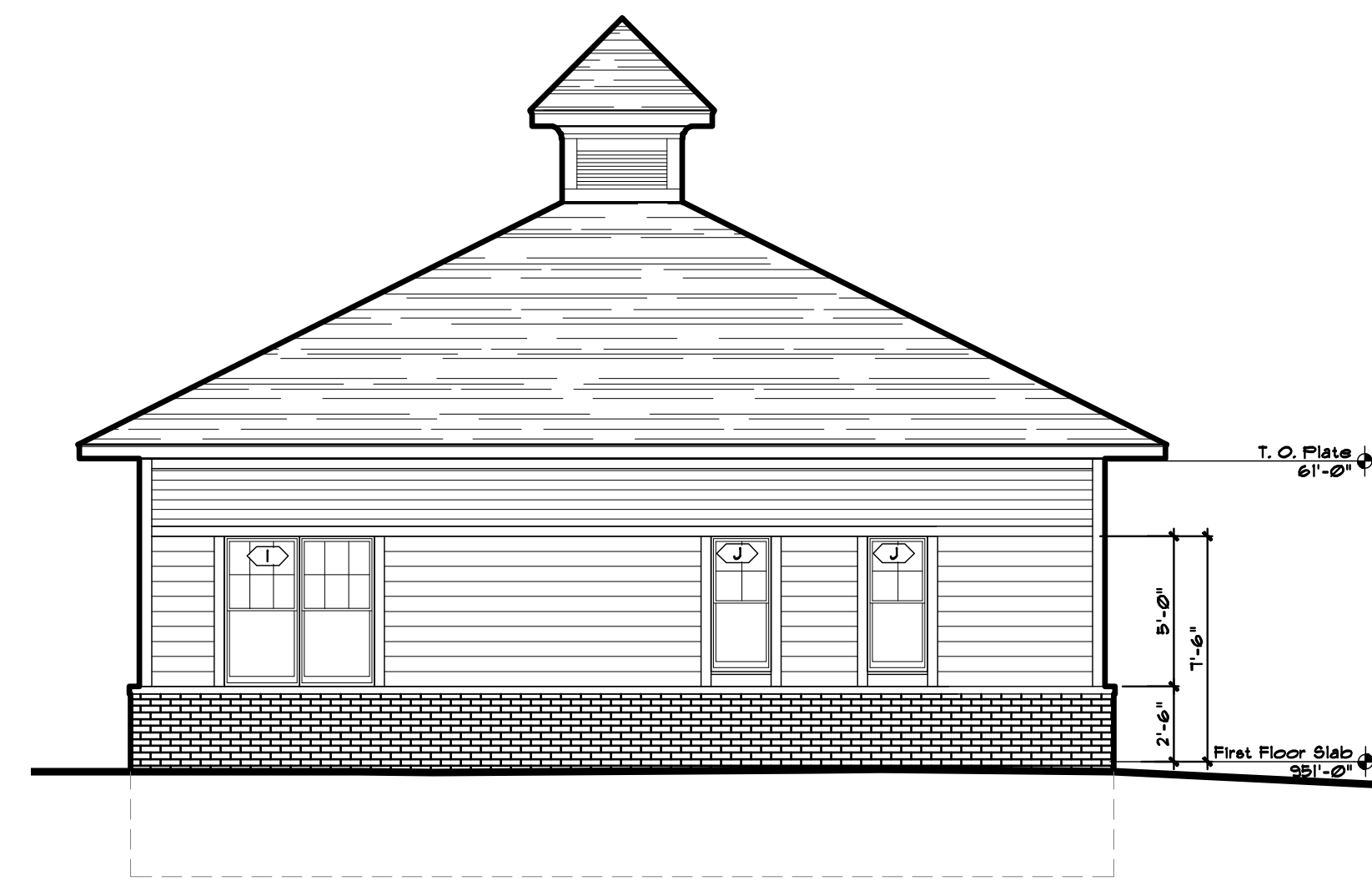
FRONT ELEVATION Platt East - Building B
SCALE: 3/16"=1'-0"



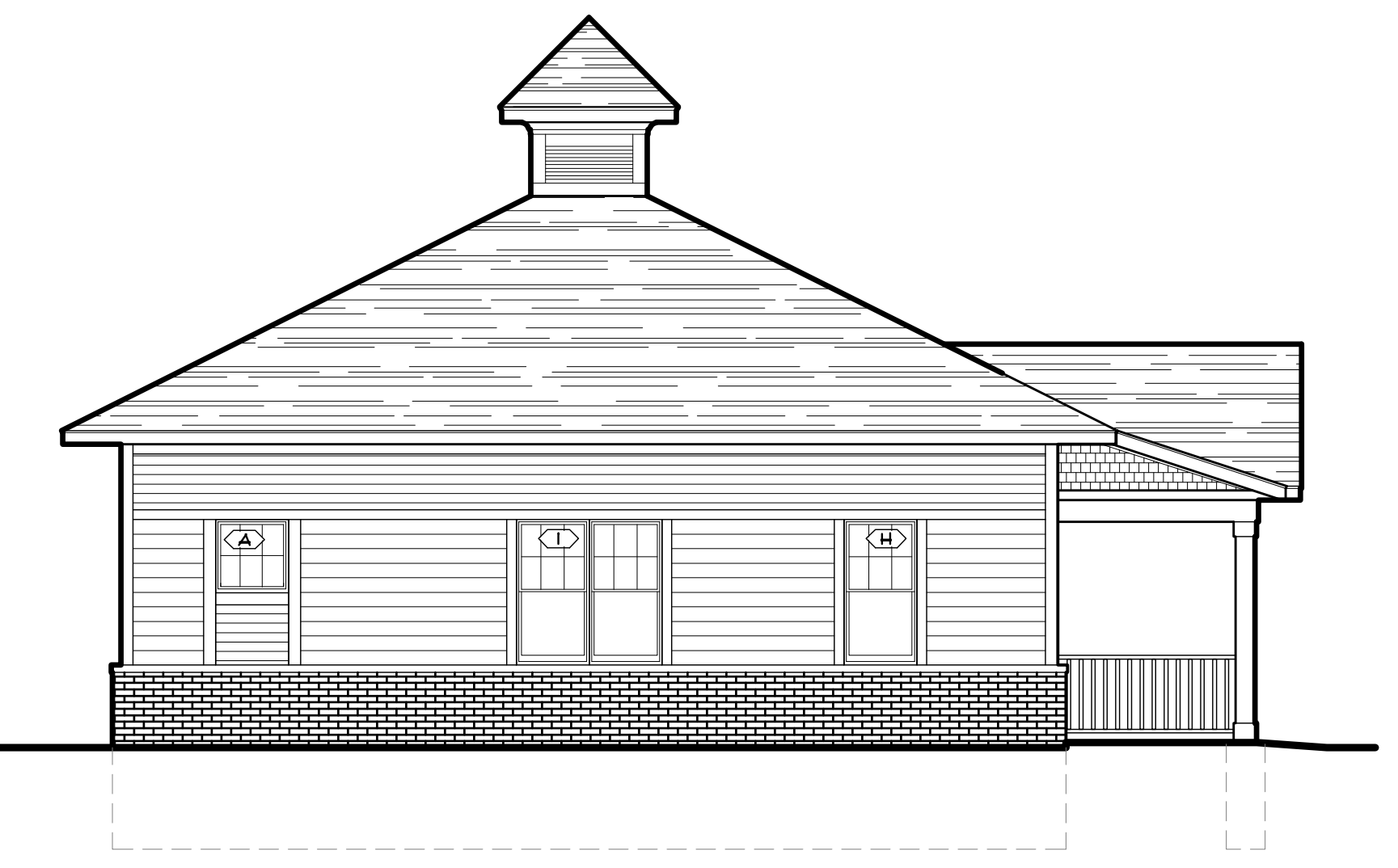
EAST ELEVATION Platt East - Building C
SCALE: 3/16"=1'-0"



REAR ELEVATION Platt East - Building B
SCALE: 3/16"=1'-0"



NORTH ELEVATION Platt East - Building C
SCALE: 3/16"=1'-0"

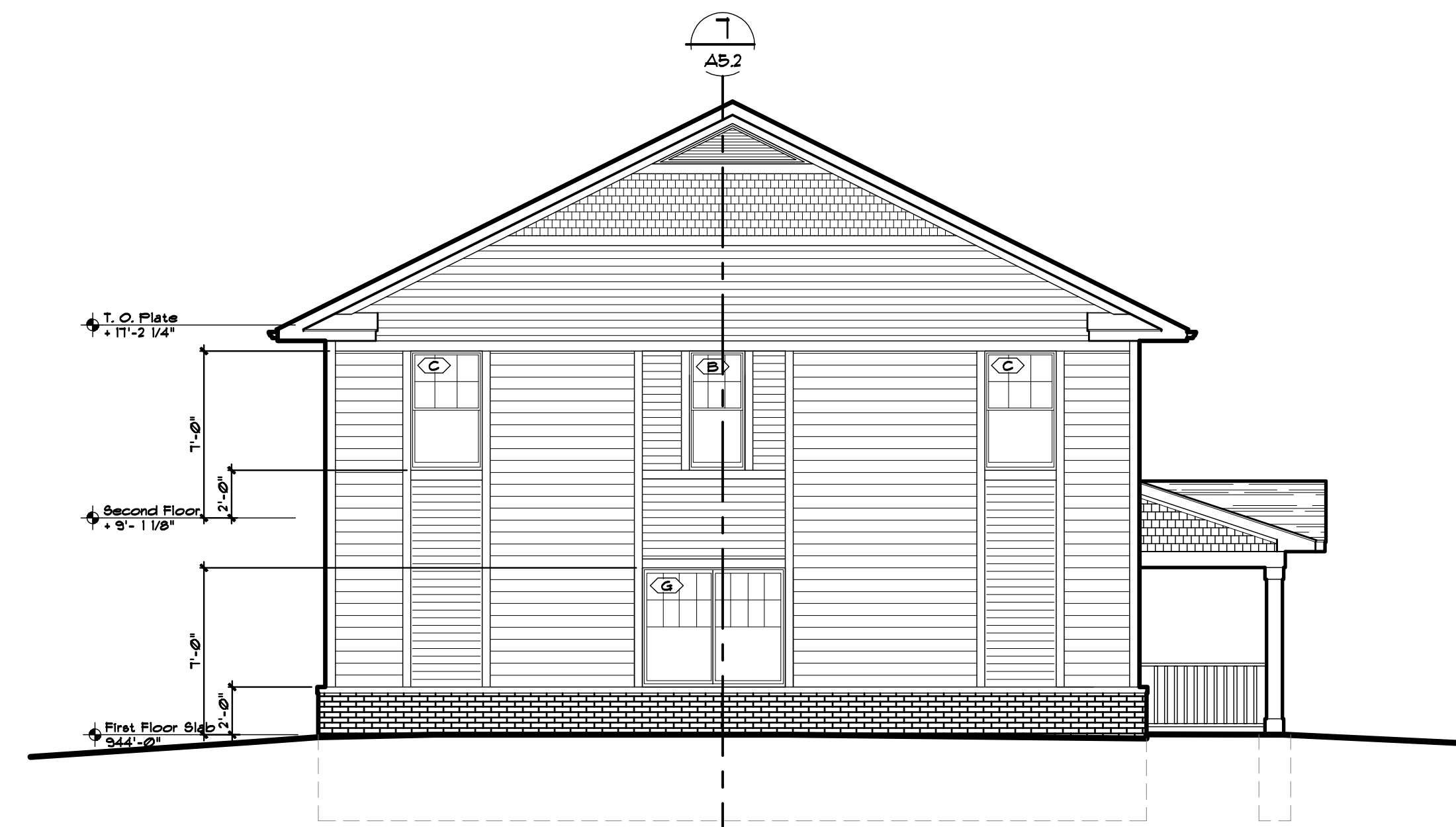


WEST ELEVATION Platt East - Building C
SCALE: 3/16"=1'-0"

TAG	MFR	Rough Opening Size	Type	Glazing	Frame Material	KEY NOTES
(A)	Andersen	2'-6"x2'-6"	Fixed	1" Insulated	Vinyl	
(B)	Andersen	2'-6"x5'-0"	100 Series Single Hung	1" Insulated	Vinyl	
(C)	Andersen	3'-0"x4'-0"	100 Series Single Hung	1" Insulated	Vinyl	
(D)	Andersen	3'-0"x4'-6"	100 Series Single Hung	1" Insulated	Vinyl	
(E)	Andersen	4'-6"x5'-0"	100 Series Gilding	1" Insulated	Vinyl	----
(F)	Andersen	4'-6"x4'-0"	100 Series Gilding	1" Insulated	Vinyl	
(G)	Andersen	6'-0"x5'-0"	100 Series Gilding	1" Insulated	Vinyl	
(H)	Andersen	2'-6"x5'-0"	100 Series Single Hung	1" Insulated	Vinyl	
(I)	Andersen	5'-0"x5'-0"	(dbl) 100 Series Single Hung	1" Insulated	Vinyl	
(J)	Andersen	1'-8"x4'-6"	100 Series Single Hung	1" Insulated	Vinyl	

General Notes:
1. Refer to wall sections for head heights and floor plans for placement.

Key Notes:
1. ----



SIDE ELEVATION Platt East - Building D & E
SCALE: 3/16"=1'-0"



FRONT ELEVATION Platt East - Building D & E
SCALE: 3/16"=1'-0"

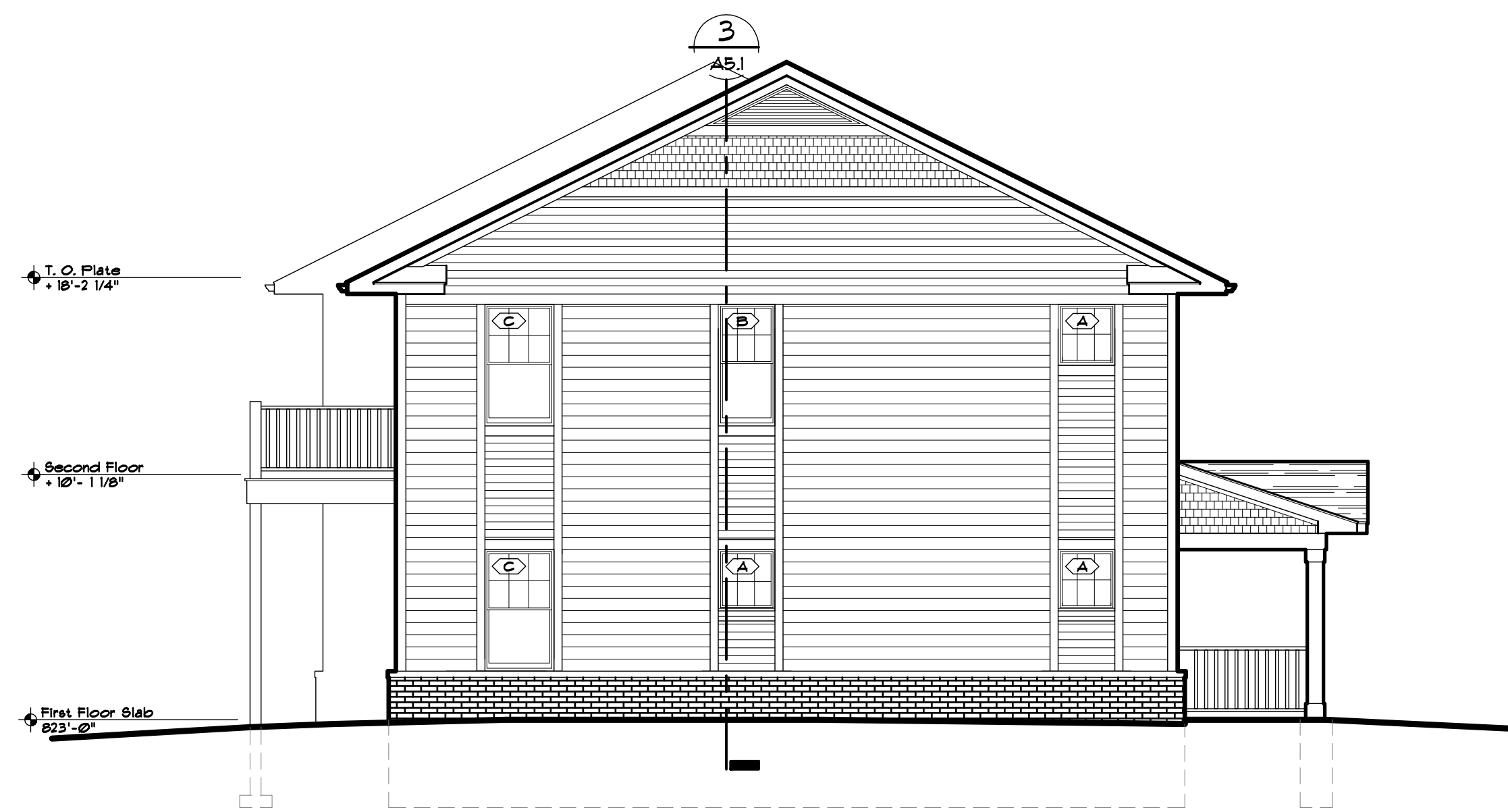


REAR ELEVATION Platt East - Building D & E
SCALE: 3/16"=1'-0"

WINDOW SCHEDULE						
TAG	MFR.	Rough Opening Size	Type	Glazing	Frame Material	KEY NOTES
(A)	Andersen	2'-6"x2'-6"	Fixed	1" Insulated	Vinyl	
(B)	Andersen	2'-6"x5'-0"	100 Series Single Hung	1" Insulated	Vinyl	
(C)	Andersen	3'-0"x4'-0"	100 Series Single Hung	1" Insulated	Vinyl	
(D)	Andersen	3'-0"x4'-6"	100 Series Single Hung	1" Insulated	Vinyl	
(E)	Andersen	4'-6"x6'-0"	100 Series Gliding	1" Insulated	Vinyl	----
(F)	Andersen	4'-6"x4'-0"	100 Series Gliding	1" Insulated	Vinyl	
(G)	Andersen	6'-0"x5'-0"	100 Series Gliding	1" Insulated	Vinyl	
(H)	Andersen	2'-6"x5'-0"	100 Series Single Hung	1" Insulated	Vinyl	
(I)	Andersen	5'-0"x5'-0"	(cbl) 100 Series Single Hung	1" Insulated	Vinyl	
(J)	Andersen	1'-8"x4'-6"	100 Series Single Hung	1" Insulated	Vinyl	

General Notes
1. Refer to wall sections for head heights and floor plans for placement.

Key Notes
1.



SIDE ELEVATION Platt East - Building F
SCALE: 3/16"=1'-0"

WINDOW SCHEDULE						
TAG	MFR	Rough Opening Size	Type	Glazing	Frame Material	KEY NOTES
(A)	Andersen	2'-6"x2'-6"	Fixed	1" Insulated Vinyl	Vinyl	
(B)	Andersen	2'-0"x3'-0"	100 Series Single Hung	1" Insulated Vinyl	Vinyl	
(C)	Andersen	3'-0"x4'-0"	100 Series Single Hung	1" Insulated Vinyl	Vinyl	
(D)	Andersen	3'-0"x4'-6"	100 Series Single Hung	1" Insulated Vinyl	Vinyl	
(E)	Andersen	4'-6"x6'-0"	100 Series Gliding	1" Insulated Vinyl	Vinyl	----
(F)	Andersen	4'-6"x4'-0"	100 Series Gliding	1" Insulated Vinyl	Vinyl	
(G)	Andersen	6'-0"x3'-0"	100 Series Gliding	1" Insulated Vinyl	Vinyl	
(H)	Andersen	2'-6"x3'-0"	100 Series Single Hung	1" Insulated Vinyl	Vinyl	
(I)	Andersen	5'-0"x5'-0"	(dbl) 100 Series Single Hung	1" Insulated Vinyl	Vinyl	
(J)	Andersen	1'-8"x4'-6"	100 Series Single Hung	1" Insulated Vinyl	Vinyl	

General Notes
1. Refer to wall sections for head heights and floor plans for placement.

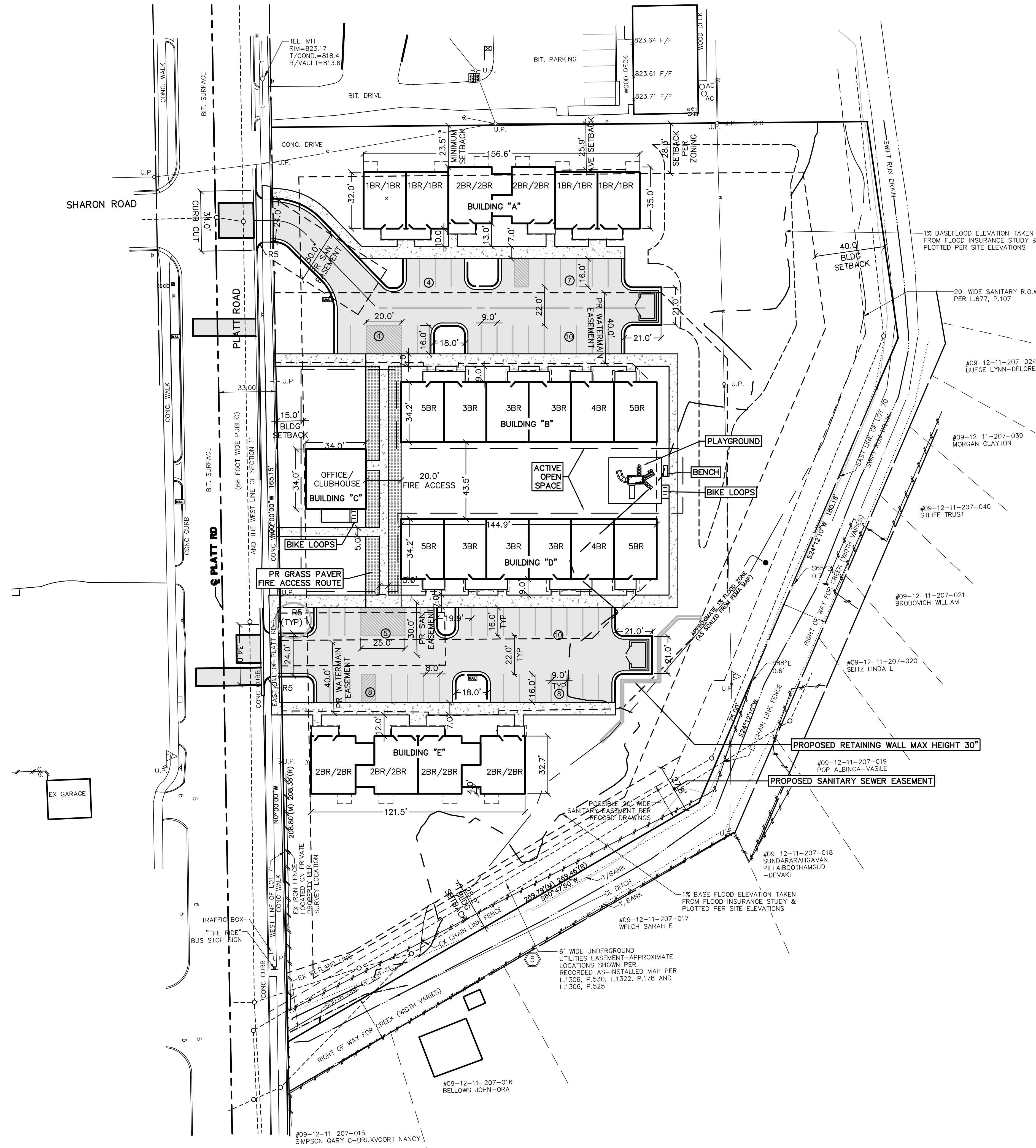
Key Notes
1.



FRONT ELEVATION Platt East - Building F
SCALE: 3/16"=1'-0"



REAR ELEVATION Platt East - Building F
SCALE: 3/16"=1'-0"



LEGEND

- U.P.
- GP
- ELEC. TRANSFORMER
- OH
- EXIST. LIGHT POLE
- PROP. LIGHT POLE
- EXIST. HYDRANT
- PROP. HYDRANT
- EXIST. GATE VALVE IN BOX
- PROP. GATE VALVE IN BOX
- EXIST. GATE VALVE IN WELL
- PROP. GATE VALVE IN WELL
- SIDEWALK RAMP
- ENCLOSED TRASH AREA
- SIGN
- MAILBOX
- FENCE
- GUARDRAIL
- SET IRON PIPE
- FOUND IRON PIPE
- BITUMINOUS PAVING
- CONCRETE WALKS
- REINFORCED GRASS PAVERS
- DETENTION AREA (HIGH WATER LINE)

BUILDING SQUARE FOOTAGES

Building	1st Floor	2nd Floor	Total
A	4923	4923	9846
B	4919	3868	8787
C	1156	0	1156
D	4919	3868	8787
E	3683	3683	7366
Total			35942

GENERAL NOTES

- PER CHAPTER 49, SECTION 4:58 OF THE CITY CODE, "ALL SIDEWALKS ARE TO BE KEPT AND MAINTAINED IN GOOD REPAIR BY THE OWNER OF THE LAND ADJACENT TO AND ABUTTING THE SAME." PRIOR TO ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY FOR THIS SITE, ALL EXISTING SIDEWALKS MUST BE REPAIRED IN ACCORDANCE WITH CITY STANDARDS.
- THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO THE CITY OF ANN ARBOR PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS WHICH ARE INCLUDED BY REFERENCE.
- THE OMISSION OF ANY STANDARD DETAILS DOES NOT RELIEVE THE CONTRACTORS OF THEIR OBLIGATION TO CONSTRUCT ITEMS IN COMPLETE ACCORDANCE WITH PUBLIC SERVICES DEPARTMENT STANDARD SPECIFICATIONS.
- STREET CUT MORATORIUM IS IN EFFECT FOR PLATT ROAD. SPECIAL BITUMINOUS REPAIR METHODS REQUIRED PER CITY STAFF.
- PARKING ILLUMINATION AND GENERAL SITE LIGHTING WILL BE DIRECTED DOWNWARD, HAVE CUT-OFF FEATURES TO PREVENT LIGHT POLLUTION AND WILL NOT GLARE INTO ANY BEDROOM.
- IT IS ASSUMED THAT RESIDENTS WILL SECURE BICYCLES TO THE PORCHES AT EACH UNITS ENTRY DOOR AND WILL BE COVERED BY ABOVE ROOF OR RESIDENTS WILL SECURE THEIR BIKES INSIDE THE UNITS. IMMEDIATELY ADJACENT TO EACH UNIT ENTRANCE IS A PORCH RAIL THAT WOULD ALLOW THE SECURING OF BICYCLES. THIS BICYCLE STORAGE METHOD IS PROPOSED IN LIEU OF REMOTE CLASS "A" BIKE STORAGE UNITS.

SCALE: 1" = 30'

JOB No.	14002-200
DATE	06-07-14
SHEET	04 OF 11
REV.	DATE
REVISIONS:	07-03-14 CADD: HTH
REVISED SITE LIMITS	08-26-14 ENG: HTH
PER CITY/NOVRC REVIEW	10-24-14 PM: SWB
PER CITY REVIEW	TECH: SWB
	T: 4002SP-200.004

Bio-Retention Island & Wetland Seed Mix

Botanical Name	Common Name	Rate Per Acre
<i>Andropogon scoparius</i>	Life blue-stem	1 lb./acre
<i>Calamagrostis canadensis</i>	Blue joint grass	1 oz./acre
<i>Carex hystericina</i>	Porcupine sedge	2 oz./acre
<i>Carex stipata</i>	Awl-footed sedge	2 oz./acre
<i>Carex vulpinoidea</i>	Fox sedge	2 oz./acre
<i>Eleocharis obtusa</i>	Blunt spike rush	2 oz./acre
<i>Eleocharis palustris</i>	Spike rush	6 oz./acre
<i>Elymus canadensis</i>	Canada wild rye	5 lb./acre
<i>Elymus villosus</i>	Silky wild rye	8 oz./acre
<i>Leersia oryzoides</i>	Rice cut grass	4 oz./acre
<i>Lolium multiflorum</i>	Annual rye	200 lb./acre
<i>Panicum virgatum</i>	Switch grass	12 oz./acre
<i>Scirpus atrovirens</i>	Dark green rush	2 oz./acre
<i>Scirpus operinus</i>	Wool grass	0.5 oz./acre
<i>Scirpus fluviatilis</i>	River bulrush	2 oz./acre
<i>Sorghastrum nutans</i>	Indian grass	4 oz./acre

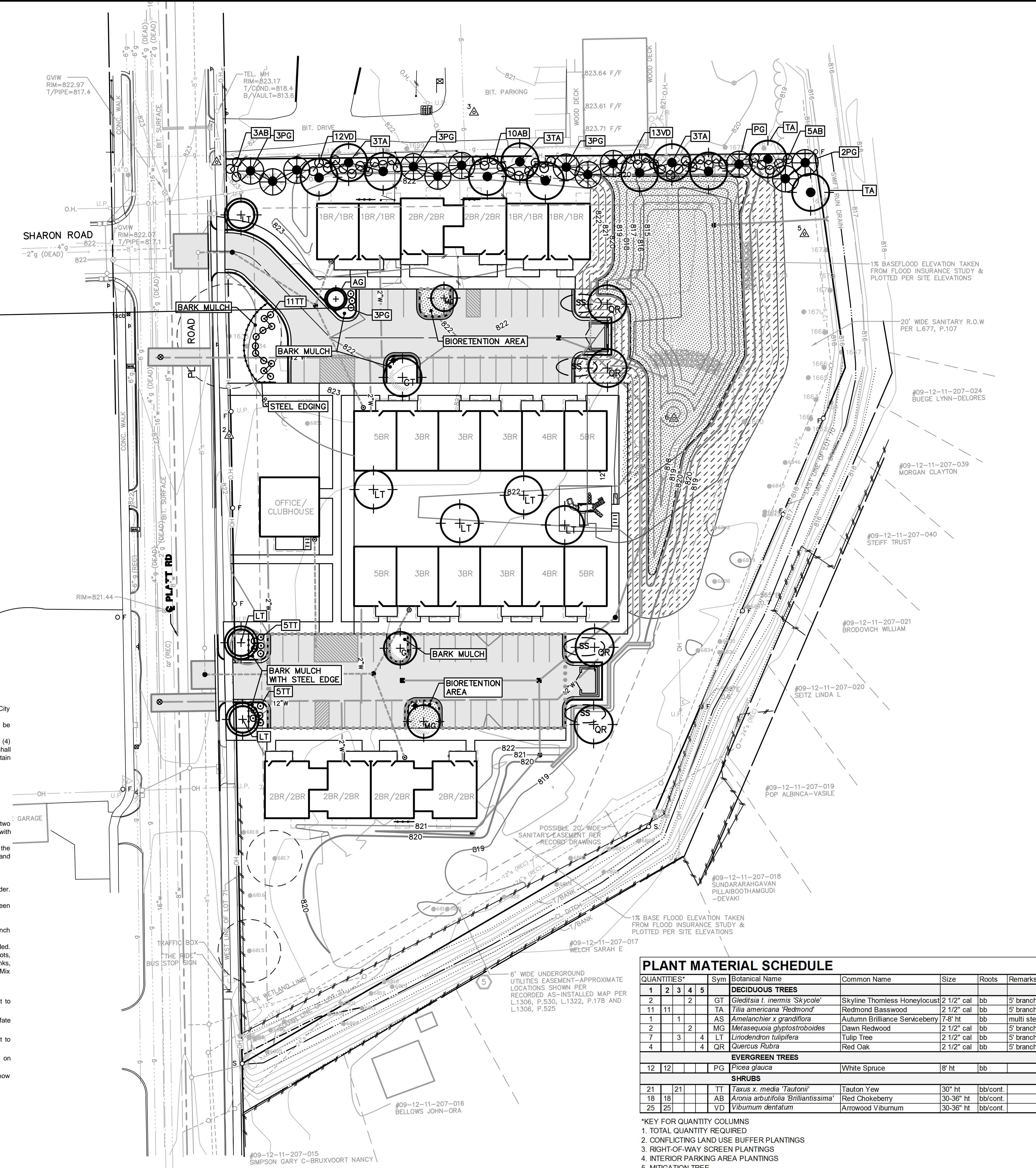
Forbs	Common Name	Rate per Acre
<i>Angelica atropurpurea</i>	Angelica	2 oz./acre
<i>Asclepias incarnata</i>	Swamp milkweed	9 oz./acre
<i>Aster lateriflorus</i>	Calico aster	2 oz./acre
<i>Aster novae-angliae</i>	New England aster	4 oz./acre
<i>Bidens sp.</i>	Bidens	2 oz./acre
<i>Echinacea purpurea</i>	Purple cone flower	6 oz./acre
<i>Eupatorium maculatum</i>	Spotted Joe-pye weed	4 oz./acre
<i>Eupatorium perfoliatum</i>	Boneset	6 oz./acre
<i>Helenium autumnale</i>	Shneezeweed	6 oz./acre
<i>Juncus effusus</i>	Soft stemmed bulrush	2 oz./acre
<i>Lobelia cardinalis</i>	Cardinal flower	0.5 oz./acre
<i>Monarda fistulosa</i>	Bee-balm	3 oz./acre
<i>Penstemon digitalis</i>	Foxglove beardstongue	4 oz./acre
<i>Penstemon hirsutus</i>	Hairy beardstongue	2 oz./acre
<i>Physostegia virginiana</i>	Obedient plant	2 oz./acre
<i>Rudbeckia hirta</i>	Yellow headed coneflower	2 oz./acre
<i>Rudbeckia hirta</i>	Black-eyed Susan	4 oz./acre
<i>Rudbeckia laciniata</i>	Cut-leaved coneflower	5 oz./acre
<i>Silphium perfoliatum</i>	Cup plant	10 oz./acre
<i>Silphium terebinthinaceum</i>	Prairie dock	15 oz./acre
<i>Solidago graminifolia</i>	Grass-leaved goldenrod	1 oz./acre
<i>Solidago rigida</i>	Riddell's goldenrod	1 oz./acre
<i>Solidago speciosa</i>	Showy goldenrod	2 oz./acre
<i>Verbena hastata</i>	Blue vervain	3 oz./acre
<i>Veronicastrum virginicum</i>	Culver's root	1 oz./acre
<i>Vernonia missurica</i>	Ironweed	4 oz./acre

Erosion Control	Common Name	Rate per Acre
<i>Lolium multiflorum</i>	Annual Rye	200 lbs/acre

Botanical Name	Common Name	Application
<i>Elymus canadensis</i>	Canada Wild-rye	1 lbs/acre
<i>Panicum virgatum</i>	Switch Grass	4 oz/acre
<i>Schizachyrium scoparium</i>	Little Blue Stem	1.5 lbs/acre
<i>Sorghastrum nutans</i>	Indian Grass	1 lbs/acre
<i>Lolium multiflorum</i>	Annual Rye	200 lbs/acre

LANDSCAPE NOTES

- Water outlets will be provided within 150 feet of all required plantings.
- Plant materials shall be selected and installed in accordance with standards established by the City Parks and Recreation Department.
- All diseased, damaged or dead material shown on the site plan as proposed plantings shall be replaced by the end of the following growing season.
- Restore remaining disturbed areas (except detention basin overflow) with a minimum of four (4) inches of topsoil and then seed/fertilizer/mulch. Fertilizer for the initial establishment of lawns shall provide not less than one (1) pound of actual nitrogen per 1000 sq ft of lawn area and shall contain not less than two percent (2%) potassium and four percent (4%) phosphoric acid.
Seed mix shall consist as follows:
15% Rugby Kentucky Bluegrass
10% Park Kentucky Bluegrass
40% Ruby Creeping Red Fescue
15% Pennine Perennial Ryegrass
20% Scalds Hard Fescue
Seed shall be applied at a rate of five pounds (5 lbs) per 1000 sq ft. Mulch within 24 hours with two (2) tons of straw per acre, or 71 bales of excelsior mulch per acre. Anchor straw mulch with spray coating of adhesive material applied at the rate of 150 gals/acre.
- Deciduous plants shall be planted between March 1 and May 15 and from October 1 until the prepared soil becomes frozen. Evergreen plants shall be planted between March 1 and June 1 and from August 15 and September 15.
- All plants except ground cover are to receive four (4) inches of shredded bark mulch.
- All trees to be located a minimum of 10 feet from public utilities.
- All single trunk, deciduous trees shall have a straight and a symmetrical crown with a central leader. One sided trees or those with thin or open crowns shall not be accepted.
- All evergreen trees shall be branched fully to the ground, symmetrical in shape and have not been sheared in the last three (3) growing seasons.
- Fertilizer applied after the first growing season shall NOT contain phosphorus.
- All compacted subgrade soils in proposed landscape areas shall be tilled to a minimum 12-inch depth prior to placement of topsoil, geotextile fabric, or other planting media as specified.
- Planting Soil: Existing, in-place or stockpiled topsoil. Supplement with imported topsoil as needed. Verify suitability of existing surface soil to produce viable planting soil. Remove stones, roots, plants, sod, clods, clay lumps, pockets of coarse sand, concrete slurry, concrete layers or chunks, cement, plaster, building debris, and other extraneous materials harmful to plant growth. Mix surface soil with the following soil amendments to produce planting soil:
a. Ratio of Loose Compost to Topsoil by Volume: 1:4.
b. Weight of Lime per 1000 sq. ft.: Amend with lime only on recommendation of soil test to adjust soil pH.
c. Weight of sulfur or aluminum sulfate per 1,000 sq. ft.: amend with sulfur or aluminum sulfate only on recommendation of soil test to adjust soil pH.
d. Volume of Sand: amend with sand only on recommendation of the Landscape Architect to adjust soil texture.
e. Weight of Slow-release Fertilizer per 1,000 sq. ft.: amend with fertilizer only on recommendation of soil test to adjust soil fertility.
- Snow cannot be pushed onto interior islands unless they are designated on the plan for snow storage. Bio-retention islands can be used for snow storage.
- Snow storage areas are shown on the plans.
- Proposed trees will be planted a minimum of 15 feet apart.



LEGEND

- EXIST. ELECTRIC LINE
- PROP. ELECTRIC LINE
- EXIST. GAS LINE
- PROP. GAS LINE
- EXIST. GAS VALVE
- PROP. GAS VALVE
- EXIST. FIBER OPTIC LINE
- PROP. FIBER OPTIC LINE
- EXIST. WATER MAIN
- PROP. WATER MAIN
- EXIST. HYDRANT
- PROP. HYDRANT
- EXIST. GATE VALVE IN BOX
- PROP. GATE VALVE IN BOX
- EXIST. GATE VALVE IN WELL
- PROP. GATE VALVE IN WELL
- EXIST. CURB STOP & BOX
- PROP. CURB STOP & BOX
- EXIST. BLOW-OFF
- PROP. BLOW-OFF
- POST INDICATOR VALVE
- THRUST BLOCK
- EXIST. STORM SEWER
- PROP. STORM SEWER
- EXIST. CATCH BASIN OR INLET
- PROP. CATCH BASIN OR INLET
- END SECTION
- HEAD WALL
- CULVERT
- EXIST. SANITARY SEWER
- PROP. SANITARY SEWER
- EXIST. CLEANOUT
- PROP. CLEANOUT

LANDSCAPE LEGEND

- PROPOSED CANOPY TREE (MITIGATION)
- PROPOSED EVERGREEN SHRUBS
- PROPOSED DECIDUOUS SHRUBS
- PROPOSED CANOPY TREE (INTERIOR VUA)
- PROPOSED CANOPY TREE (CONFLICTING LAND USE BUFFER)
- PROPOSED CANOPY TREE (RIGHT-OF-WAY SCREEN)
- PROPOSED EVERGREEN TREE (CONFLICTING LAND USE BUFFER)
- FIRST FLUSH BASIN/DETENTION POND/WETLAND SEED MIX
- NATURAL RESTORATION SEED MIX
- SNOW STORAGE AREA

LANDSCAPE REQUIREMENTS

R.O.W. SCREENING
Required: 10 foot landscape strip with 1 tree/30LF of frontage; 30 inch high continuous hedge
Provided: 2 LT + 1 AS proposed trees +1 existing (#1633) tree + 21 TT shrubs
Note: An Additional 1 LT is provided North of the North Drive due to the existing landmark tree

INTERIOR LANDSCAPING
Total vehicular use area = 16,207 sf
Interior landscape required = 1:20 sf = 810 sf
Provided = 930 sf
Trees required = 810 sf / 1 tree per every 250 sf = 4 trees
Provided: 2 MG + 2 GT trees
Bio-Retention required = 810 sf / 50% = 405 sf
Provided = 531 sf

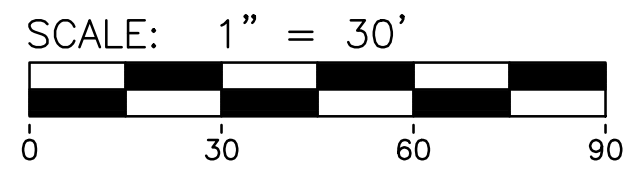
CONFLICTING LAND USE BUFFER
518 LF of frontage X \$1.30/LF = \$674 street tree escrow
Provided = \$674 to City of Ann Arbor

LANDMARK MITIGATION
There are no woodlands on the site.
Total landmark regulated trees removed = 2 trees (#6821 & #6830) / 37 caliper inches
50% mitigation required = 18.5 caliper inches required
Trees provided: 2 QR + 4 LT trees x 2.5" = 20 caliper inches

PLANT MATERIAL SCHEDULE

QUANTITIES*	Sym	Botanical Name	Common Name	Size	Roots	Remarks		
1	2	3	4	5	DECIDUOUS TREES			
2		GT	<i>Gleditsia t. inermis 'Skycole'</i>	Skyline Thornless Honeylocust	2 1/2" cal	bb	5' branch ht	
11	11	TA	<i>Tilia americana 'Redmond'</i>	Redmond Basswood	2 1/2" cal	bb	5' branch ht	
1	1	AS	<i>Amelanchier x grandiflora</i>	Autumn Brilliance Serviceberry	7-8" ht	bb	multi stem	
2	2	MG	<i>Metasequoia glyptostroboides</i>	Dawn Redwood	2 1/2" cal	bb	5' branch ht	
7	3	4	LT	<i>Liriodendron tulipifera</i>	Tulip Tree	2 1/2" cal	bb	5' branch ht
4	4	QR	<i>Quercus Rubra</i>	Red Oak	2 1/2" cal	bb	5' branch ht	
12	12		PG	<i>Picea glauca</i>	White Spruce	8' ht	bb	
SHRUBS								
21	18	18	TT	<i>Taxus x media 'Tautoni'</i>	Tauton Yew	30" ht	bb/cont.	
25	25		AB	<i>Aronia arbutifolia 'Brilliantissima'</i>	Red Chokeberry	30-36" ht	bb/cont.	
			VD	<i>Viburnum dentatum</i>	Arrowwood Viburnum	30-36" ht	bb/cont.	

- *KEY FOR QUANTITY COLUMNS
1. TOTAL QUANTITY REQUIRED
2. CONFLICTING LAND USE BUFFER PLANTINGS
3. RIGHT-OF-WAY SCREEN PLANTINGS
4. INTERIOR PARKING AREA PLANTINGS
5. MITIGATION TREE



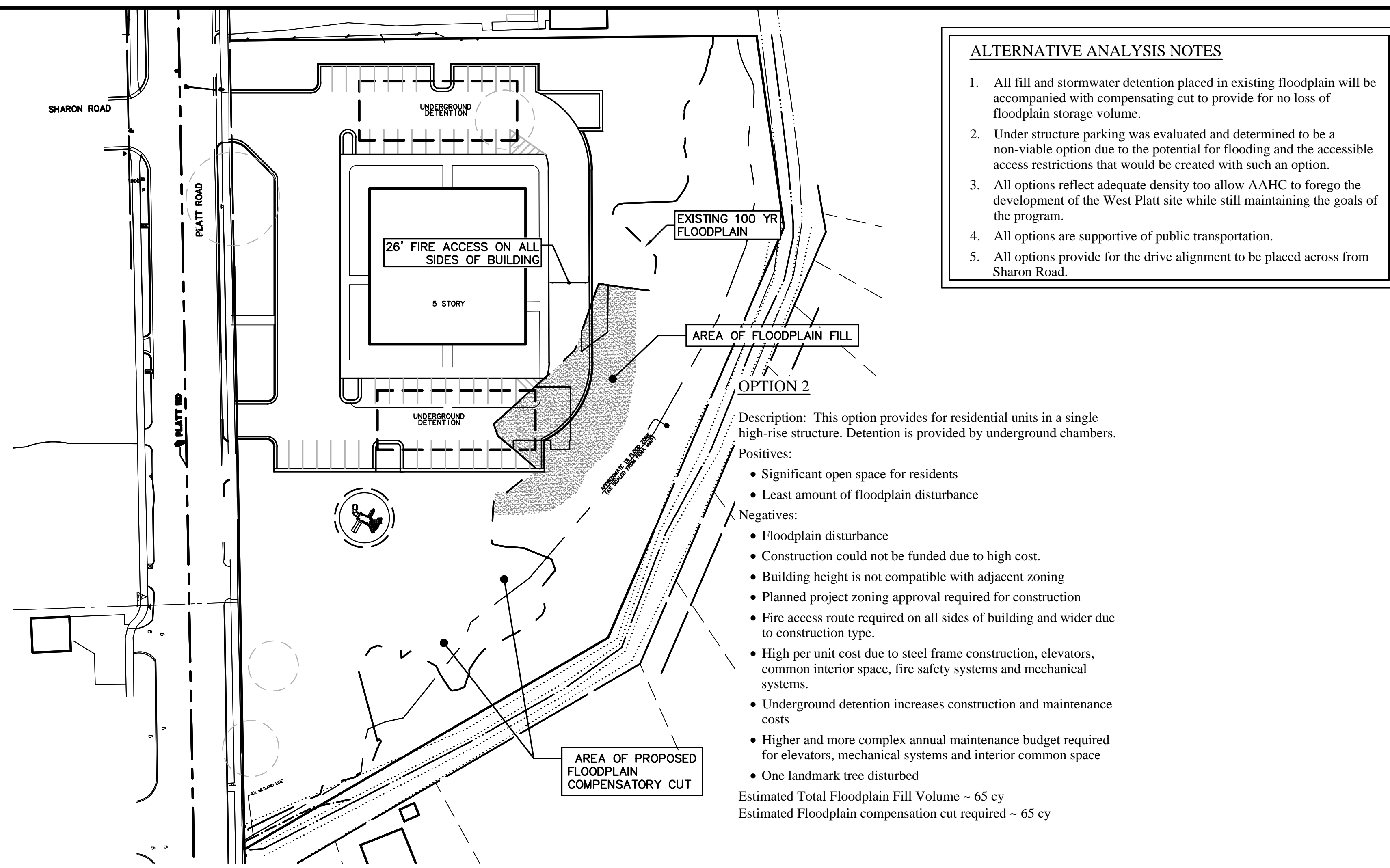
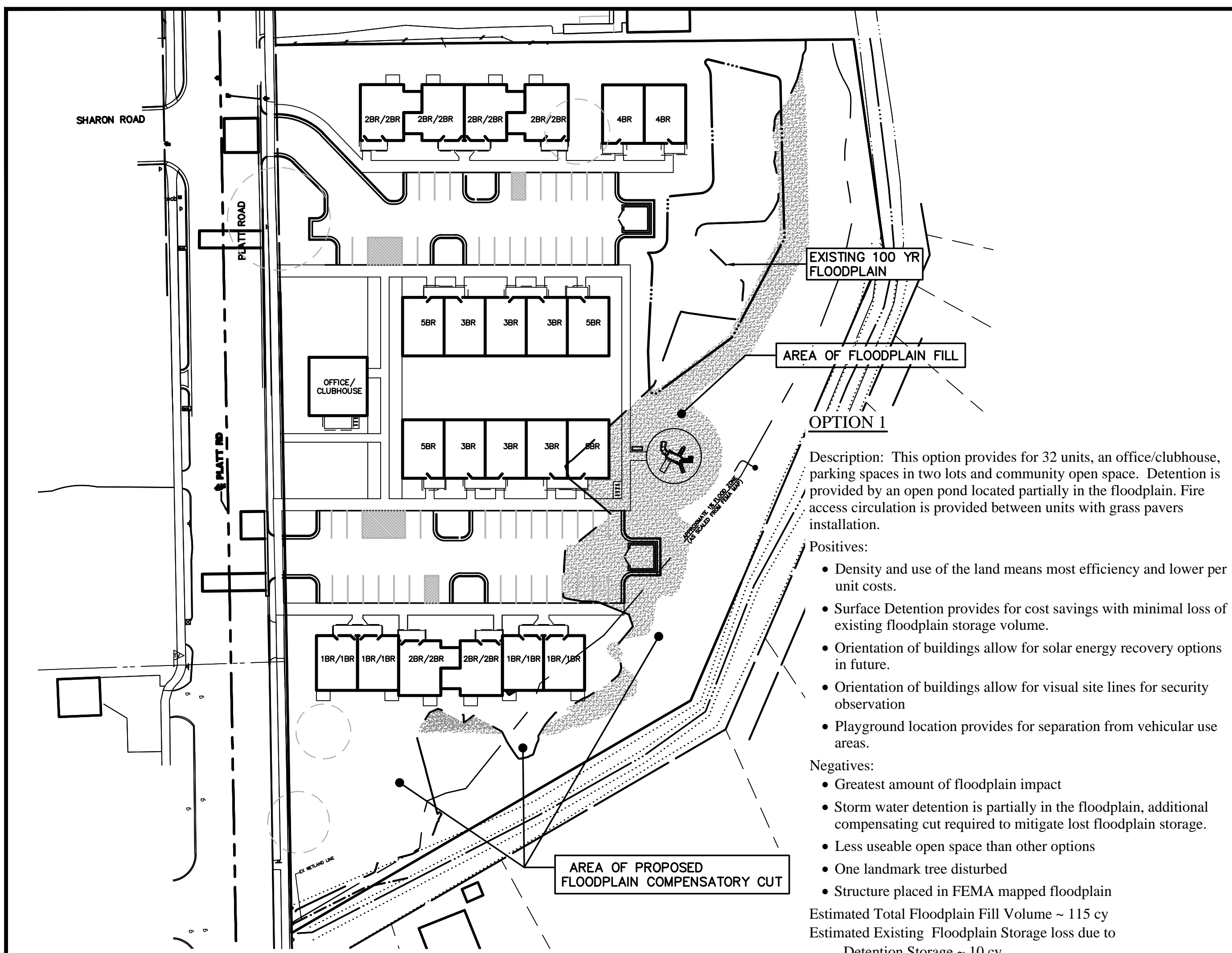
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PLATT - EAST
PRELIMINARY SITE PLAN
LANDSCAPE PLAN

JOB No. **14002-200**
DATE: 06-07-14
SHEET 08 OF 11
REV. DATE: 07-03-14
CADD: HTH
ENG: HTH
DWG: 26-14
LID: 24-14
P.M.: SWB
TECH: JWB
14002P-200.dwg

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ALTERNATIVE ANALYSIS NOTES

- All fill and stormwater detention placed in existing floodplain will be accompanied with compensating cut to provide for no loss of floodplain storage volume.
- Under structure parking was evaluated and determined to be a non-viable option due to the potential for flooding and the accessible access restrictions that would be created with such an option.
- All options reflect adequate density to allow AAHC to forego the development of the West Platt site while still maintaining the goals of the program.
- All options are supportive of public transportation.
- All options provide for the drive alignment to be placed across from Sharon Road.

