

**ANN ARBOR PLANNING DEPARTMENT STAFF REPORT**

**For Planning Commission Meeting of November 4, 2015**

**SUBJECT: NorthSky – Zoning & Site Plan for City Council Approval  
(2701 Pontiac Trail)  
Project Nos. Z14-027, SP14-053**

**PROPOSED CITY PLANNING COMMISSION MOTION**

The Ann Arbor City Planning Commission hereby recommend that the Mayor and City Council approve the request for R1D and R1E (Single-Family Dwelling District) and R4B (Multiple-Family Dwelling District) zoning designation for the NorthSky site.

**PROPOSED CITY PLANNING COMMISSION MOTION**

The Ann Arbor City Planning Commission hereby recommends that the Mayor and City Council approve the NorthSky Site Plan and Development Agreement.

**LOCATION**

The site is located on the west side of Pontiac Trail, north of Skydale and south of Dhu Varren Roads, in the Northeast planning area and the Traver Creek watershed (Ward 1).

**STAFF RECOMMENDATION**

Staff recommends the zoning petition be **approved** because the proposed R1D, R1E, and R4B zoning is generally consistent with the adjacent zoning, surrounding land uses and the Master Plan: Future Land Use Element.

Staff recommends that the **site plan** petition be **approved** because it complies with all the applicable local, state, and federal laws, ordinances, standards, and regulations; the development would limit the disturbance of natural features to the minimum necessary to allow a reasonable use of the land; would not cause a public or private nuisance; and would not have a detrimental effect on public health, safety, or welfare.

**DESCRIPTION OF PETITIONS**

The petitioners are seeking approval to rezone the 31.8 acre site from R4A (Multiple-Family Dwelling District) to R1D and R1E (Single-Family Dwelling District) and R4B (Multiple Family Dwelling District) to allow development of 139 site condominium lots for single-family detached homes and a four-story, 56-unit building at the southeast corner of the site.

## Zoning

The petitioners have requested the site be zoned R1D and R1E (Single-Family Dwelling District) and R4B (Multiple Family Dwelling District). The R1D and R1E districts are designed to provide single-family detached dwellings, along with other related facilities, like park and recreation opportunities. They provide the highest densities of the single-family dwelling districts, with minimum lot areas of 5,000 and 4,000 square feet, respectively. R1D and R1E zoning should be contingent upon the availability or provision of adequate services to serve higher densities. This would be the first application of the R1E zoning district, which limits the floor area of each dwelling to 2,000 square feet.

The R4B district is intended for dwelling units to be arranged one above the other or side by side. R4B should be located in intermediate areas of the city, situated on small tracts for in-fill or medium sized tracts for moderate-sized developments. Single, two-family, multiple-family and assisted living uses, up to fifteen dwelling units per acre, are permitted in the R4B district.

The site is currently zoned R4A. Staff strongly encouraged the inclusion of a multi-family component to the petition in order to meet master plan goals and maintain a higher density than could be provided by single-family zoning alone.

## Site Plan

A site plan for 139 single-family detached dwelling units, each with a two-car garage, and a 56 unit multi-family building is proposed on a new network of public roads. A 0.4 acre private community park is proposed near the front of the development, with a playground and open space. The density of the proposed development is slightly over 6 dwelling units per acre.

Existing Site Conditions – The subject site has three single-family houses along Pontiac Trail, and the remainder of the site is vacant. Along the western and southern boundaries of the site are mature woodlands, with an additional patch of woodlands in the south central part. The majority of the site was cleared in 2006 (but not graded).

Natural Features –Thirty-five percent of the site, 11 of the 31.75 total acres, is proposed as open space. Two of those 11 acres, on the west edge of the site, would be conveyed to the City of Ann Arbor for use as a natural area and future linear park (as identified in the Non-Motorized Transportation Plan . The remainder of the open space would be maintained by the homeowners association. Natural feature impacts due to the development include removing 24 landmark trees and 230 non-landmark trees.

Woodland mitigation requires 462 three-inch trees to be planted. 451 mitigation trees are shown on the plan, and the developer is paying \$80,000 into the street tree planting program for the remaining 11 trees plus 309 trees removed by the previous developer. That portion (309 trees) is voluntary.

Access – Vehicular access to the site is planned by two connections to Pontiac Trail and an internal network of new public roads. Two road stubs are proposed on the north and south to allow connectivity with future developments. Sidewalks are planned along both sides of all roads. Four pathways between lots lead to the linear open space strip at the center of the

development, and two more paths plus two openings between lots lead to the land to be conveyed to the city at the west end of the site.

Parking – For the multi-family building, 84 parking spaces are required and proposed, located at grade below the L-shaped building and in an exterior parking lot. Six class A and six class C bicycle parking spaces are required and 10 class A and four class C spaces are proposed. The class A are in a bike room. The 139 single-family dwellings each have a two-car garage.

Solid Waste – An interior trash room opens to a fenced trash enclosure in the exterior parking lot of the multi-family building. Rollout dumpsters will service trash, recycling, and compost. Single-family units will have individual curb carts.

Utilities – Water and sanitary sewer service will be connected to existing mains on Pontiac Trail. Forty-nine footing drain disconnections, or their equivalent, will be required to mitigate for the increased flows to the sanitary sewer system from the proposed development.

Stormwater Management – Stormwater management is proposed in accordance with the rules of the Washtenaw County Water Resources Commissioner for infiltration of the first inch of rain from a 100-year storm event and detention for the remaining volume. Two detention basins are proposed along the south and east edges of the site, and an underground detention system is located under the multi-family building's external parking lot. The system will collect stormwater from approximately four off-site acres (i.e. on adjacent parcels).

Landscape Plan – Right-of-way screening is provided between the parking lot for the multi-family building and Pontiac Trail, and landscape islands are provided within that vehicular use area. 268 required street trees are provided along Pontiac Trail and the new public streets. A 210' conflicting land use buffer containing 14 trees is provided along the north side of the multi-family building, because it is adjacent to a single-family residential district. In sum, 742 trees are proposed to be planted on the site to fulfill landscape and mitigation requirements.

Traffic Impacts – A traffic impact analysis was completed for the project, and the petitioner proposes to add a center turn lane in Pontiac Trail at Polson Street, as well as a bus pull-out area and pedestrian crosswalk, also on Pontiac Trail.

Development Agreement – Development agreements are used for projects that include public and offsite improvements, such as extension of a public utility main, a contribution of land or money, or other capital improvements. The NorthSky development agreement will address the street tree escrow and street tree fund contribution, improvements to Pontiac Trail, public streets, parkland dedication, utility easements, and other site improvements.

Citizen Participation Meeting – The petitioner held two Citizen Participation meetings, one on March 19, 2014 and another on July 1, 2014. For each meeting, 638 postcards were sent out to residents and property owners within 1000 feet of the site. The first meeting was attended by 30 people, and examples of concerns raised were the width of Pontiac Trail, the density of the development, parkland dedication, drainage and construction-related questions. The second meeting was attended by eight people and the petitioner presented changes made to the site plan and answered additional questions. A copy of the meeting report is attached.

**COMPARISON CHART**

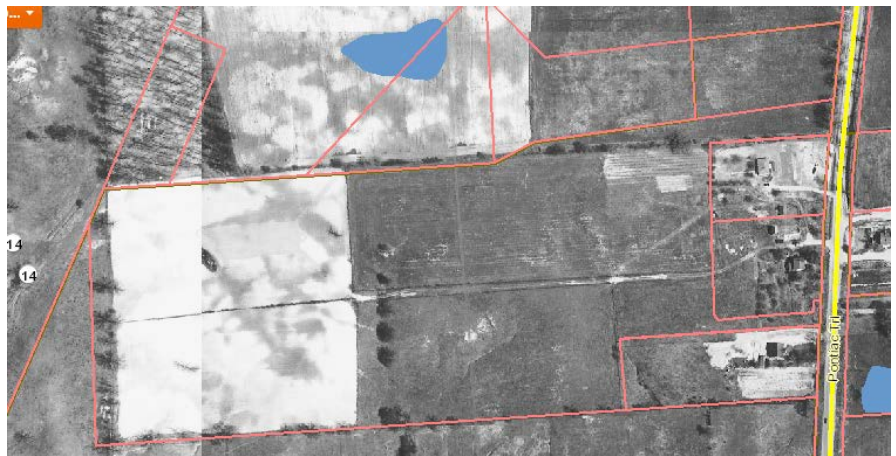
	<b>EXISTING</b>	<b>PROPOSED</b>	<b>REQUIRED</b>
Zoning	R4A Multiple-Family Dwelling (29.9 acres) R1D Single-Family Dwelling (1.9 acres)	R1D Single-Family Dwelling (19.4 acres) R1E Single-Family Dwelling (6.3 acres) R4B Multiple-Family Dwelling (4 acres)	R1D Single-Family Dwelling (19.4 acres) R1E Single-Family Dwelling (6.3 acres) R4B Multiple-Family Dwelling (4 acres)
Gross Site Area	31.8 acres	31.8 acres	
Dwelling Units	3	103 R1D 36 R1E <u>56 R4B</u> 209 total units	No requirement
Min. Lot Area Per Dwelling Unit	65,340+ sq ft	5,000 sq ft/unit (R1D) 4,000 sq ft/unit (R1E) 2,900 sq ft/unit (R4B)	5,000 sq ft/unit MIN 4,000 sq ft/unit MIN 2,900 sq ft/unit MIN
Min. Usable Open Space in % Lot Area		70% (R4B)	55% MIN (R4B)
Min. Active Open Space		300 sq ft per dwelling unit 16,800 sq ft total	300 sq ft per dwelling unit MIN (16,800 sq ft total MIN)
Setbacks: R1D		25 ft front 3 ft side 20 ft rear	25 ft front 3 ft side 20 ft rear
Setbacks: R1E		15 ft front 3 ft side 20 ft rear	15 ft front 3 ft side 20 ft rear
Setbacks: R4B		35 ft to Pontiac front 17 ft to Polson south front 20 ft to Polson west front 30 ft rear	15 ft MIN, 40 ft MAX front 30 ft rear
Height		30 ft (R1D) 30 ft (R1E) 45 ft (R4B)	30 ft (R1D) 30 ft (R1E) 45 ft (R4B)
Parking – Automobiles		1 space/unit or 103 spaces (R1D) 1 space/unit or 36 spaces (R1E) 1.5 spaces/unit or 84 spaces (R4B)	206 spaces (R1D) 72 spaces (R1E) 84 spaces (R4B)
Parking – Bicycles		10 Class A 4 Class C	6 Class A MIN + 6 Class C MIN for R4B

### SURROUNDING LAND USES AND ZONING

	LAND USE	ZONING
NORTH	Single-Family Residential	TWP (Township)
EAST	Single-Family Residential Single-Family Residential Condominiums	R4C (Multiple-Family Dwelling) TWP (Township) PUD
SOUTH	Vacant	R4A (Multiple-Family Dwelling)
WEST	M-14	Beyond City Limits

### HISTORY

A 1947 aerial photograph (right) shows nearly the entire site under cultivation and with no trees. In 1966 the site looked the same. By 1979 aerial photos show that the south half of the cultivated area had gone fallow, and the north half by 1990. The property was annexed into the city in 2005, and the North Sky (two words) site plan was approved. In 2006, most of the 31 acres were once again cleared (including 617 trees), but work halted and the North Sky project was abandoned.



### PLANNING BACKGROUND

This site is located in the Northeast planning area. This project encompasses the northern half of an area with a site specific recommendation in the 2009 Master Plan: Land Use Element:

**Site 1 [Northeast Area]** – This 63-acre site is located on the west side of Pontiac Trail, east of M-14 and north of the Huron Highlands sub-division. It consists of eight parcels. The site has historically been used as farmland, although recently, farm operations have ceased. Large landmark trees are located in the southwest and western portion of the site. Pioneer vegetation has established itself in absence of farm activity on much of the remaining site. Although the western portion of the site slopes down toward M-14, the site is generally flat. A woodland area is located on the southwest portion of the site. A historically significant house exists near the southeast corner of the site. A site plan was approved in 2005 for the northern portion of this site.

Residential uses are recommended for the site at a gross density (minus right-of-way) of 7 to 10 dwelling units per acre. A mixture of housing types is encouraged, including single-family detached homes, duplexes, attached townhouses, and multiple-family (stacked units). Future development should incorporate community design techniques (described in Chapter 5) that support the goals and objectives of this Plan.

Development should be sited away from significant natural features in the west and southwest portions of the site, which include landmark trees, high quality woodlands and slopes. The historically significant house near the southeast corner of the site should be preserved and incorporated in any future development proposal. A neighborhood park should be provided as described in the 2006-2011 Parks & Recreation Open Space Plan and located in an area that allows convenient access for future residents of this site and residents of the Huron Highlands neighborhood to the south. A vehicular and pedestrian connection should be provided to the existing stub street on Skydale Drive to provide access to off-site parks and to allow residents to the south access to any parkland on the site.

The Non-motorized Transportation Plan (Update 2013) recommends sidewalks be added along Pontiac Trail as a near-term goal. That plan also identifies a foot path along the rear of the property and M-14 as a long-term goal.

#### **UNIT COMMENTS**

Engineering – Comments have been provided to the petitioner noting that the footing drains of 49 homes, or the flow equivalent to 195.7 GPM, will need to be removed from the sanitary sewer system in order to mitigate new flow from this proposed development.

Maintenance of the private storm water detention facilities will be the responsibility of the homeowner's association, and a drainage district will be established through the WCWRC.

The parcel owner across the street at 2670 Pontiac Trail has indicated the willingness to grant an easement for the construction and maintenance of a retaining wall on his property (necessary to add a center turn lane on Pontiac Trail). A formal easement will be required prior to the issuance of the first permit for the site.

Traffic Engineering – A dedicated, center left turn lane will be required to be installed on Pontiac Trail. All sidewalks and ramps must be designed for ADA accessibility and to optimize pedestrian convenience and efficiency.

Planning – While the proposed mix of zoning designations is consistent with the future land use recommendation for the site, the site specific recommendation also encourages a mixture of housing types. Two types are provided here, single-family detached and a multi-family apartment building, with a resulting density of just over six dwelling units per acre. This is just short of the future land use density recommendation of 7-10 dwelling units per acre.

The five parcels must be combined before the execution of the development agreement.

There is a discrepancy between the comparison table on sheet 8 and the parking layout on sheet 44 that will be corrected before the petition advances to City Council. The table will be

changed to show 14 bicycle parking spaces for the multi-family building: 10 class A in the bike room, and four class C near the east entrance.

Park Planning – To help achieve the Park and Open Space Plan goals, a contribution of at least 2.5 acres of parkland acreage is requested based on the proposed number of dwelling units. The Natural Areas Preservation unit has expressed interest in accepting a contribution of land on this site, specifically the woodland area along the western edge of the property.

Prepared by Jill Thacher  
Reviewed by Ben Carlisle  
10/30/15

Attachments: Citizen Participation Report  
Draft Development Agreement  
Zoning Map  
Aerial Photo  
Site Plans

c: Petitioner: Trowbridge Homes of NorthSky  
Attn: Bruce Michael  
2617 Beacon Hill Drive  
Auburn Hills, 48326

Petitioner's Engineer: Greentech Engineering, Inc.  
51111 W. Pontiac Trail  
Wixom, MI 48393

Owner: BH A2 North, LLC  
North Sky Neighborhood, LLC  
c/o Phoenix Contractors  
2111 Golfside  
Ypsilanti, MI 48197

Parks & Recreation  
Systems Planning  
Project Nos. Z14-027, SP14-053

CITIZEN PARTICIPATION MEETING

NORTH SKY

MARCH 19, 2014

SUMMARY OF MEETING

LOCATION: CLAGUE MIDDLE SCHOOL

# OF PARTICIPANTS: APPROXIMATELY 30

638 POSTCARDS MAILED OUT

1. Introduced our first plan w/assisted living and the sf lots, including TND lots and the 45 x120 lots.
2. Introduced second plan w/all single family.
3. Questions about plan, setting, etc. Questions about adjacent property and the proposed development there.
4. Q: If someone could build a single family home on the property and can't be stopped by the City, then why can the City tell us to build smaller lots?  
A: The City has the right to determine how the property is developed per the City's approved master plan.
5. Q: what is size of homes?  
A: between 2,400 and 3,000 sf.
6. Questions about what the City wanted for density and housing types. We answered that we wanted the lower density single family only, vs the higher density attached product.
7. Q: When will we move in and start clearing land?  
A: When the City gives us all of our permits. Will be after Pontiac Trail improvements.  
Questions asked about Pontiac Trail improvements.
8. Q: Will there be a signal at DhuVarren/Pontiac Trail? What about traffic impacts?  
A: no traffic signal. It will have an impact. Less density would be less impact.
9. Q: Will the road be widened by the City? Would this additional traffic cause the City to widen the road?  
A: Since master planned for higher density in this area, it would seem that the City would increase the road size with the current project if they intended to do anything about the roadway capacity. So, since Pontiac Trail will continue to be two lanes; it appears not.  
**Further Answer: Our plans include a dedicated center left turn lane at the southern entry to the development to handle turning movements into and out of the proposed development**
10. Q: Does green space go down if density goes up?  
A: Depends on how you build the density? If stack the units on top of each other, you could have more green space. But these additional people will still use Pontiac Trail and we will NOT get a ramp onto M-14 from this property.  
**Further Answer: Our present plans include a neighborhood park in the middle the site, open space separating houses on the north side from the south side and open space around the site south and west perimeter to preserve numerous large trees.**
11. Q: Are there road connections to the property to the south and north?  
A: Yes. Reduces traffic on Pontiac Trail for those people driving between adjacent properties.
12. Q: Anyone here from the City (Planning Dept)?  
A: No.
13. Q: Do the properties in the township to the north have to be annexed if the City sewer and water to come here?  
A: Our answer was statement of the current annexation policy. There was confusion about being forced to hook up to sanitary sewer if within 400 feet and their on-site septic system fails.
14. Q: Do the planners take into consideration entire City density when deciding what density to put on this site:



- A: Yes. Indicated that City doesn't want to see suburban development like you can easily find in surrounding townships. Want more urban density.
15. Q: Do we prepare a study showing that single family homes will result in more tax base/  
A: we may do a fiscal impact study if requested.
16. Q: Schedule?  
A: hope to be through approvals by end of 2014, but subject to City.
17. Q: what happens if you can't sell the high density homes?  
A: We know our single family detached product will work. Build out over 5 years. Discussion about active adult, move-down type buyers.
18. Q: Neighborhood and developer want lower density, is there something citizen's can do to help that?  
A: Talk to City Council member and do a petition.
19. Q: What's the rationale for high density.  
A: City doesn't believe that single family doesn't pay its way, but condos or apts at least break even.
20. Q: is there going to be any neighborhood commercial, so don't have to drive around?  
A: Nothing in master plan for this site, but there is a neighborhood center proposed/required for property at Nixon/Green.
21. Q: So, where is the green space?  
A: Showing open space and park on the plan. Buffer will green around outside.
22. Q: what about pedestrian linkages w/adjacent properties, and M-14 linkage?  
A: won't develop the NW corner of the site, allow the deer run to continue and provide land/easement for trail system to go along M-14. City will require green space and protect environmental assets.
23. Q: Did the City see the plan on the assisted living?  
A: yes. Senior housing for the corner is most acceptable to us and neighbors.
24. Q: Did we propose the senior living to meet the density requirements or did City require senior housing?  
A: Seniors works: doesn't detract from our ability to sell, doesn't upset you, doesn't take much space.  
**Further Answer: The proposed multi-family building is not necessarily designated for senior only housing.**
25. Q: Would City accept plan with only Senior housing and midsize single family lots?  
A: impression we got was that City wanted more housing types.
26. Q: Will there be another meeting?  
A: if you want another meeting, then we will have it. You will be formally invited to Planning Commission meeting. Please provide email addresses and we can advise you of next meeting.  
**Further Answer: A second meeting was held on July 1, 2014. All email addresses were invited to the meeting as well as another postcard mailing.**
27. Q: can we get City to attend next meeting to indicate their reasoning?  
A: we can try. May not get them to this kind of meeting, but could get them to formal planning commission meeting.  
**Further Answer: Councilwoman Sabra Briere attended the second meeting.**
28. Q: will some units be ranch style?  
A: some will have a master bedroom on the first floor.
29. Q: How can we organize ourselves to support the lower density plan?  
A: we need to get your contact info and meet with City Council member and one planning commissioner.  
**Further Answer: Sabra Briere attended the second meeting.**
30. Q: Don't want connection to Skydale Drive?

A: We are not adjacent to Skydale, so our road won't connect. Our road network will not be laid out to encourage this connection through the adjacent vacant property. Will keep road stub to south closer to Pontiac Trail than rear of property.

**Further Answer:** our present site plan keeps the road stub to the south closer to Pontiac Trail than to the western end of the property.

31. Q: Will the City demand that we put in attached condos?

A: They will likely demand that we put some condos in.

**Further Answer:** We have provided the additional density in a single, three story multi family building that minimizes the impact of that density from the rest of the site.

32. Q: will there be coordination with adjacent landowner on connections, types of units, etc.

A: No. City encourages certain housing types through its master plan. Each landowner on his own. Property to south plan expired, they will start over in a separate site planning effort.

33. Q: Are there market studies supporting our proposed housing?

A: did a detailed competition analysis and its supports what we propose.

34. Q: Familiar with Northside Elementary school changes?

A: they say going to go from elementary to elementary/middle school. City may want more density to provide students.

35. Q: what are exterior materials

A: brick, stone and cement board. No vinyl.

36. Q: What is going on w/adjacent property to south?

A: Nothing right now, but it is annexed and has a sanitary sewer problem, and trees cut down need to be replaced. Citizens didn't like the connection between this development and west end of Skydale.

37. Q: what plan will you pursue?

A: don't know. Got thrown a curve when our single family only plan got thrown out.

**Further Answer:** new plan is combination of larger and smaller single family lots and the multi-family building.

38. Q: more questions about plan.

A: all single family but the multi-family (likely senior) in the southeast corner of the property. There will be a buffer. Put in 12-15' high spruces on buffer.

**Further Answer:** these items are included in the present plan.

CITIZEN PARTICIPATION MEETING

NORTH SKY

JULY 1, 2014

SUMMARY OF MEETING

LOCATION: CLAGUE MIDDLE SCHOOL

# OF PARTICIPANTS: APPROXIMATELY 8

638 POSTCARDS MAILED OUT

1. Sabra Brierie is presenting revised plan.
2. Will affect traffic on Pontiac Trail, but not Dhu Varren.
3. Q: kids go where?  
A: Northside High, Clague Middle.
4. Q: Is there a reason for service drive along Pontiac Trail?  
A: Eliminate driveways directly accessing Pontiac Trail, provide parking availability for the houses facing this frontage.  
**Further Answer: Per staff request, the service drive was eliminated, the site plan modified to include a detention basin and open space near the Pontiac Trail frontage and internal roadways located farther west nearer the interior of the site.**
5. Q: Question about apt bldg in southeast corner?  
A: description of the apt bldg. May be condos. Hard to get mortgages sold to GSE's.
6. Q: public streets?  
A: yes, including city trash service.
7. Q: public park?  
A: we will do what the City wants. If they want it publicly dedicated, we'll do that.  
**Further Answer: We are dedicating the perimeter open space to the City per the Parks Division request.**
8. Q: market?  
A: Old West Side product (R1E)– 1<sup>st</sup> floor master, active adults, under 2,000 sf. Rest-conventional product (R1D) family product 2,300-2800 sf. Full basements.
9. Q: Condos or homes?  
A: site condo. Explanation of site condo ownership.
10. Q: Association fees?  
A: yes, but about same amount as in a subdivision.
11. Q: Stormwater retention?  
A: doing test pits. Fulfill Green Streets and County infiltration. Described sand seam under ground. Described detention basins on south side of property, including retaining walls.  
**Further Answer: Site plan has been completed and Washtenaw County Water Resources Commissioner has approved stormwater management design.**
12. Q: Topography. Upstream drainage?  
A: will meet County and City requirements.
13. Q: Site size and annexation?  
A: 31 acres, already annexed.
14. Q: Topography to south? What happens to drainage to Skydale?  
A: lower. Explained detention concept and infiltration.
15. Q: Coyotes, what happens to them?  
A: we may do a fiscal impact study if requested.
16. Q: lot size?  
A: 5,000 sf, 45 x 130.  
**Further Answer: site plan now also includes R1-E lots which have a minimum size of 4,000 sf.**
17. Q: park size?  
A: approx. 1.5 acres.

Further Answer: Site plan now includes 2.07 acres of natural land on the south and west site perimeters to be dedicated to the City of Ann Arbor Parks Department. Also provided is a neighborhood park that is approximately 0.4 acres.

18. Q: footing drain disconnects?

A: yes, assuming it's the law at the time. Looking at alternatives.

19. Q: Phasing?

A: Planning staff suggests phasing. 5 year build out.

Further Answer: Site plan now shows 2 land development phases: all of the single family in phase 1 and the multi-family building in phase 2.

20. Q: What about construction traffic on Pontiac Trail?

A: impacts won't be terribly great. most trucks aren't that heavy, except drywall and cement trucks.

21. Q: number and type of units?

A: described.

22. Q: where start?

A: start at the front. Timing of multi-family up in the air. Would do infrastructure.

23. Q: streetlights and sidewalks?

A: yes and yes. Sabra wants to do pedestrian level lights. We would do mainly intersection lights. Sabra suggested remote control lights.

Further Answer: Street lights are provided at the Polson Street/Pontiac Trail, Montana Way/Pontiac Trail, Polson Street/Havre Street (park), and Big Fork Drive/St. Regis Way intersections. Street lights will meet City of Ann Arbor public street lighting requirements.

24. Q: will design for pedestrian connection to north or south?

A: described proposed connections. Soft trailscape on southern and western open space. Sabra: not auto connections

Further Answer: A direct pedestrian connection has provided through the center of the site connecting to properties to the south and north.

25. Q: Brought up connection to Skydale Drive?

A: showed how our connection to south would be closer to Pontiac Trail and therefore not encouraging connection to west end of Skydale Drive.

26. Q: General question about township and city jurisdiction?

A: just clarification of site boundaries and city boundaries.

27. Q: what about of freeway access? What about Barton onramp?

A: no new freeway access. Barton will get more dangerous.

28. Q: traffic impact?

A: Sabra explained concept of tipping point of traffic build up and that this development can't do anything about that here.

Further Answer: A dedicated left turn lane is being provided at the Polson Street/Pontiac Trail intersection to handle turning movements into and out of the property.

29. Q: Question of road access and visibility?

A: Our engineers looked at site distance before design and locations match last site plan approved. Speed limit needs to be decreased. Traffic study will look at whether warrants will allow putting in slower speeds. Sabra actually wants one more entrance.

Further Answer: 2 entries are provided to the property located as far from each other as possible on the north and south ends of the site. Site distance has been analyzed and the locations are safe.

30. Q: Concern about school bus stop on Pontiac Trail?

A: school buses will come into the site to stop. Sabra says school bus service might actually be discontinued. Or buses might be limited.

Further Answer: The proposed development will include dedicated City streets, meeting City design standards, so school buses should be able to traverse all of the roads of the development. In addition, an AATA bus stop is provided and the school bus may be able to stop here.

31. Q: Will stop signs be added at Dhu Varren/Pontiac Trail?  
A: Have traffic study look at these stop signs.
32. Q: Question about number of school age children and who will walk to school.  
A: She doesn't believe that any of the children here will ever walk to school. Talk about annexing Whitmore Lake Schools to AAPS.
33. Q: Number of entries?  
A: 2 entries and two internal loops.
34. Q: What will the park look like?  
A: looking to what staff does. We are thinking small play structure, but mostly open space for multi-use and play. It's a blank slate.  
**Further Answer: Parks department approved park plan with open play area, play structure, seating and sidewalks.**
35. Q: Still needs to be approved by Planning Commission?  
A: yes. description of the process. We are rezoning, description of rezoning to single family and multiple family.
36. Q: Timing?  
A: maybe end of the year, but maybe as late as next May.
37. Q: Height of multi-family building?  
A: approximately 40 feet high.
38. Q: How many feet between houses?  
A: 10 feet. City allows 6 feet; we think too close.
39. Q: Construction sequence?  
A: description of construction process. Grade entire site.
40. Q: what about aquifer?  
A: Description of grading, saving south side trees, phasing of plan.
41. Q: any environmental innovation on the construction?  
A: typical house construction, not radically different— green things are small footprint and infiltration. Use OSB, high efficiency HVAC units as examples of green products. May use some bioswales.  
**Further Answer: first project to provide new County infiltration stormwater management system and also meet City Green Streets policy.**

**NORTHSKY SITE PLAN DEVELOPMENT AGREEMENT**

THIS AGREEMENT, made this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by and between the City of Ann Arbor, a Michigan Municipal Corporation, with principal address at 301 East Huron Street, Ann Arbor, Michigan 48107, hereinafter called the CITY; and NorthSky of Ann Arbor, a Michigan Limited Liability Company, with principal address at 2617 Beacon Hill Drive, Auburn Hills, Michigan 48326, hereinafter called the PROPRIETOR, witnesses that:

WHEREAS, the PROPRIETOR owns certain land in the City of Ann Arbor, described below and site planned as NorthSky Site Plan, and

WHEREAS, the PROPRIETOR has caused certain land in the City of Ann Arbor, described below to be surveyed, mapped and site planned as NorthSky Site Plan, and desires City Council and development agreement approval thereof, and

WHEREAS, the PROPRIETOR desires to build or use certain improvements with and without the necessity of special assessments by the CITY, and

WHEREAS, the CITY desires to insure that all of the improvements required by pertinent CITY ordinances and regulations be properly made, and that the PROPRIETOR will install these improvements prior to any permits being issued.

**THE PROPRIETOR(S) HEREBY AGREE(S):**

(P-1) To prepare and submit to the CITY for approval plans and specifications ("the Plans") prepared by a registered professional engineer for construction of public water and sanitary sewer mains, public and private storm water management systems, public streets, sidewalks and streetlights ("the Improvements") provided that no work on said Improvements shall be commenced until the Plans have been approved by the City Administrator or designee, and until such other relevant information to CITY service areas as shall be reasonably required has been provided.

(P-2) To construct all improvements set forth in Paragraph P-1 of this Agreement in accordance with the approved Plans and to repair all defects in the improvements that occur within one year from the date of acceptance of the Improvements by the CITY, commencing on the latest date of the acceptance of any Improvements by the CITY. If the PROPRIETOR fails to construct the improvements, the CITY may send notice via first class mail to the PROPRIETOR at the address listed above requiring it to commence and complete the improvements in the notice within the time set forth in the notice. The CITY may cause the work to be completed at the expense of the PROPRIETOR, if the PROPRIETOR does not complete the work within the time set forth in the notice. Every owner of a portion of the property, including co-owners of condominium units, shall pay a pro-rata share of the cost of the work. That portion of the cost of the work attributable to each condominium unit shall be a lien on that Property and may be collected as a single tax parcel assessment as provided in Chapter 13 of the Ann Arbor City Code.

(P-3) To furnish, within 30 days of completion, an engineer's certificate that the construction of the public improvements set forth in Paragraph P-1 above have been completed in accordance with the specifications of the CITY in accordance with the approved plans. The engineer's certificate will cover only those items the PROPRIETOR'S engineer inspects.

(P-4) Prior to the issuance of building permits and recording the master deed, to deposit with a mutually acceptable escrow agent fully executed documents in a form acceptable to the CITY, which will convey, upon delivery to the CITY, easements for the construction and maintenance of public utilities and public streets. The escrow agreement shall provide for delivery of the documents to the CITY solely upon the condition that the CITY has accepted the public Improvement to be conveyed by the easement.

(P-5) To provide, prior to the issuance of building permits, a signing plan to the Fire Department and install all street name signs according to CITY specifications and to provide and install such temporary warning signs during the construction period as are appropriate to protect the health, safety and welfare of the public. At the request of the PROPRIETOR, the CITY will provide and install all street name signs and invoice the PROPRIETOR for actual cost of installation.

(P-6) Prior to issuance of building permits for the lots, to install the lot monuments and lot corners or provide escrow funds to insure placement of monuments and lot corners in accordance with section 125 of Public Act No. 288, Subdivision Control Act, for all lots and assign lot numbers in the master deed that conform to those on the approved site plan.

(P-7) To install all water mains, storm sewers, sanitary sewers, sidewalks and public streets, through the first course of asphalt, pursuant to CITY approved plans and specifications, necessary to connect the site with existing CITY systems adjacent to the site prior to the issuance of any building permits.

(P-8) To maintain the streets, including snow and ice removal, if certificates of occupancy are finalized before the street improvements have been accepted for maintenance by the CITY.

(P-9) To design and construct Pontiac Trail improvements, including a center turn lane a bus pull-out on the west side of Pontiac Trail between Polson Street and Montana Way, an accessible pedestrian cross walk across Pontiac Trail leading to and from the bus stop, and a sidewalk spanning the length of the site along the west side of Pontiac Trail. Construction of all Pontiac Trail improvements shall be completed prior to issuance of permits for the 70<sup>th</sup> housing unit, or sooner if determined by the CITY to be necessary.

(P-10) To convey to the CITY, prior to the issuance of any permits and subject to acceptance by the Ann Arbor City Council, a right of way easement on the east side of Pontiac Trail that the CITY determines is adequate to accommodate the additional right of way width necessitated by the addition of a center turn lane in Pontiac Trail.

(P-11) To indemnify and hold the CITY harmless from any claims, losses, liabilities, damages or expenses (including reasonable attorney fees) suffered or incurred by the CITY based upon or resulting from any acts or omissions of the PROPRIETOR, its employees, agents, subcontractors, invitees, or licensees in the design, construction, maintenance or repair of any of the Improvements required under this Agreement and the approved site plan.

(P-12) To cause to be maintained General Liability Insurance and Property Damage Insurance in the minimum amount of \$1,000,000 per occurrence and naming the CITY as named insured to protect and indemnify the CITY against any claims for damage due to public use of the public improvement(s) in the development prior to final written acceptance of the public improvement(s) by the CITY. Evidence of such insurance shall be produced prior to any construction of improvement and a copy filed with the City Clerk's Office and shall remain in full force and effect during construction of the public improvement(s) and until notice of acceptance by the CITY of the Improvements.

(P-13) Existing woodland, landmark, and street trees shown on the site plan as trees to be saved shall be maintained by the PROPRIETOR in good condition for a minimum of three years after acceptance of the public improvements by the CITY or granting of Certificate of Occupancy or final approval of the lot or unit. Existing woodland, landmark, and street trees that are determined by the CITY to be dead, dying or severely damaged due to construction activity within three years after acceptance of the public improvements or granting of Certificate of Occupancy or final approval of the lot or unit, shall be replaced by the PROPRIETOR as provided by Chapter 57 of the Ann Arbor City Code.

(P-14) To convey to the CITY, within 90 days from the date of this agreement listed above, subject to acceptance by the Ann Arbor City Council, land of approximately 2.07 acres for a public park as shown on an approved site plan. The PROPRIETOR shall record the deed and its conveyance to the CITY as public parkland. A park identification sign shall be provided per CITY specifications before issuance of any certificate of occupancy.

(P-15) To deposit, prior to any building permits being issued, a street tree planting escrow account with the Parks and Recreation Services Unit in the form of a check payable to the City of Ann Arbor. The escrow amount shall be based on the CITY policy in effect at that time and is to include all on-site public streets. The City Administrator may authorize the PROPRIETOR to install the street trees if planted in accordance with CITY standards and specifications. If the street trees are found to be acceptable by the CITY, the escrow amount will be returned to the PROPRIETOR one year after the date of acceptance by the CITY.

(P-16) To create an association (*or associations*) composed of all owners of NorthSky condominium, hereinafter called the "Association", in which membership shall be required by covenants and restrictions recorded as part of the master deed for NorthSky Condominium Association. The association(s) shall be responsible for and shall execute the appropriate documents insuring perpetual maintenance and ownership of the landscape materials, exterior lighting, driveways, on-site storm water management system, playground equipment, and all other common elements.

(P-17) To construct, repair and/or adequately maintain on-site storm water management system. If the PROPRIETOR fails to construct, repair and/or maintain the private storm water management system, the CITY may send notice via first class mail to the PROPRIETOR at the address listed above, requiring it to commence and complete the items stated in the notice within the time set forth in the notice. The CITY may cause the work to be completed at the expense of the PROPRIETOR if the PROPRIETOR does not complete the work within the time set forth in the notice.

(P-18) After construction of the private on-site storm water management system, to maintain it until non-developer co-owners elect one or more directors to the Association's board of directors. Thereafter, by provision in the master deed, the Association shall own and



maintain the storm water management system. Any proposed changes to the system must be approved by the City of Ann Arbor Systems Planning and Planning and Development Services Units. If the PROPRIETOR or Association, as appropriate, fails to maintain any portion of the system, the CITY may send notice via first class mail to the PROPRIETOR, or Association, at the address listed above, requiring it to commence and complete the maintenance stated in the notice within the time set forth in the notice. The CITY may cause the work to be completed at the expense of the PROPRIETOR or Association if the PROPRIETOR or Association does not complete the work, as appropriate, within the time set forth in the notice. If the CITY completes the work, and the costs remain unpaid by the Association for 60 days after notice via first class mail, the CITY may bill each condominium unit for the pro rata share of the total cost, or assess the pro rata share of those costs to each condominium unit as a single tax parcel assessment as provided in Chapter 13 of Ann Arbor City Code. Provisions for maintenance and responsibility for the storm water management system, as well as the pro rata share of each condominium unit shall be included by the PROPRIETOR in the master deed.

(P-19) After construction of the private on-site storm water management system, to commission an annual inspection of the system by a registered professional engineer evaluating its operation and stating required maintenance or repairs, and to provide a written copy of this evaluation to the CITY Public Services Area.

(P-20) To prepare and submit to the Planning and Development Services Unit one copy of the Master Deed, along with the required review fee, prior to issuance of building permits.

(P-21) To design, construct, repair and maintain this development in accordance with the provisions of Chapter 119 (Noise Control) to ensure that any noise emanating from said development will not impact nearby residents or businesses. In addition, PROPRIETOR shall review existing noise sources surrounding said development and incorporate necessary design and construction techniques to ensure that future tenants will not be exposed to noise sources in violation of Chapter 119.

(P-22) To remove all discarded building materials and rubbish from the development at least once each month during construction of the development improvements, and within one month after completion or abandonment of construction.

(P-23) No lot in NorthSky may be divided such that an additional building parcel is created.

(P-24) Prior to application for and issuance of certificates of occupancy, to disconnect 49 footing drains, which is based upon the uses currently existing on the Property and those currently contemplated by the Site Plan in accordance with the Guidelines for Completion of Footing Drain Disconnections, Table A, and adopted by City Council, August 18, 2003 and revised November 30, 2005 (the "Guidelines"), or to provide an alternative method of mitigation that results in an equivalent amount of sanitary flow removal, in accordance with the Guidelines. In the event the actual intensity of uses contemplated by the Site Plan are either increased or decreased, City and PROPRIETOR agree to adjust the number of footing drains to be disconnected, or the amount of alternative mitigation to be provided, in accordance with the Guidelines. PROPRIETOR may be allowed to obtain partial certificates of occupancy for the development prior to the completion of all of the required footing drain disconnects on a prorated basis at the Discretion of the CITY Public Services Area.

(P-25) To advise, through deed restriction, the owners of lots abutting the northern stub of Havre Street and the southern stub of St. Regis Way that Havre Street is intended to be extended north and St. Regis Way is intended to be extended south in the future as a public street.

(P-26) PROPRIETOR is the sole title holder in fee simple of the land described below except for any mortgage, easements and deed restrictions of record and that the person(s) signing below on behalf of PROPRIETOR has (have) legal authority and capacity to enter into this agreement for PROPRIETOR.

(P-27) Failure to construct, repair and/or maintain the site pursuant to the approved site plan and/or failure to comply with any of this approved development agreement's terms and conditions shall constitute a material breach of the Agreement and the CITY shall have all remedies in law and/or in equity necessary to ensure that the PROPRIETOR complies with the approved site plan and/or the terms and conditions of the approved development agreement. The PROPRIETOR shall be responsible for all costs and expenses including reasonable attorney fees incurred by the CITY in enforcing the terms and conditions of the approved site plan and/or development agreement.

(P-28) In addition to any other remedy set forth in this Agreement or in law or equity, if PROPRIETOR fails to make a timely or full payments to the CITY as set forth elsewhere in the Agreement to the CITY in the agreed upon manner, any unpaid amount(s) shall become a lien, as provided under Ann Arbor City Code and recorded with the Washtenaw County Register of Deeds, against the land described below and may be placed on the CITY tax roll as a single lot assessment, or if the development is converted to condominium ownership, every owner of a portion of the property shall pay a pro-rata share of the amount of the payments attributable to each condominium unit. If the unpaid amount(s), in whole or in part, has been recorded as a lien on the CITY'S tax roll and with the Washtenaw County Register of Deeds, upon payment of the amount in full along with any penalties and interest, the CITY, upon request, will execute an instrument in recordable form acknowledging full satisfaction of this condition. (P-38) To pay for the cost of recording this Agreement with the Washtenaw County Register of Deeds, and to pay for the cost of recording all documents granting easements to the CITY.

(P-29) To install all electric, telephone, and other communications systems underground in accordance with the requirements of the applicable utility company.

**THE CITY HEREBY AGREES:**

(C-1) In consideration of the above undertakings, to approve the NorthSky Site Plan, and upon PROPRIETOR'S request for the CITY to accept the utility improvement and contemplated streets for inclusion with the CITY'S utility and street system and will assume ownership of and responsibility for maintenance of the improvements after a final inspection indicates that the improvements were constructed in accordance with the previously-approved plans and specifications. This acceptance will be in the form of a certificate of acceptance signed by the City Administrator.

(C-2) To provide timely and reasonable CITY inspections as may be required during construction.

(C-3) To record this agreement with the Washtenaw County Register of Deeds.

(C-4) To accept the proposed public parkland with the understanding that the PL (Public Land) zoning district for NorthSky will be revised to reflect these dedications.

**GENERAL TERMS**

Both the PROPRIETOR and the CITY agree as follows:

(T-1) This agreement is not intended to create a contractual right for third parties.

(T-2) This Agreement and any of its terms, conditions, or provisions cannot be modified, amended, or waived unless in writing and unless executed by both parties to this Agreement. Any representations or statements, whether oral or in writing, not contained in this Agreement shall not be binding on either party.

(T-3) This Agreement and any of its terms or conditions shall not be assigned or transferred to any other individual or entity unless prior approval of the CITY is received. Such approval shall not be withheld unreasonably.

(T-4) The obligations and conditions on the PROPRIETOR, as set forth above in this Agreement and in the approved site plan, shall be binding on any successors and assigns in ownership of the following described parcel:

*legal description(s) to be inserted here*

(T-5) In addition to any other remedy in law or in equity failure to comply with all of the above paragraphs on the part of the PROPRIETOR, or any part of the approved site plan, in part or in whole, shall give the CITY adequate basis and cause to issue a stop work order for any previously-issued building permits and shall be an adequate basis and cause for the CITY to deny the issuance of any building permits, certificates of occupancy, or any other permits unless and until the CITY has notified the PROPRIETOR in writing that the PROPRIETOR has satisfactorily corrected the item(s) the PROPRIETOR has failed to perform.

(T-6) This agreement shall be interpreted, enforced and governed under the laws of the State of Michigan and Ann Arbor City Code.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals the day first above written.

Witnesses:

\_\_\_\_\_

CITY OF ANN ARBOR, MICHIGAN  
301 East Huron Street  
Ann Arbor, Michigan 48107

By: \_\_\_\_\_  
Christopher Taylor, Mayor

\_\_\_\_\_

By: \_\_\_\_\_  
Jacqueline Beaudry, City Clerk

Approved as to Substance:

\_\_\_\_\_  
Steven D. Powers, City Administrator

Approved as to Form:

\_\_\_\_\_  
Stephen K. Postema, City Attorney

Witness:

\_\_\_\_\_

By: \_\_\_\_\_  
*Name, Title*

STATE OF MICHIGAN    )  
                              ) ss:  
County of Washtenaw    )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_, before me personally appeared Christopher Taylor, Mayor, and Jacqueline Beaudry, Clerk of the City of Ann Arbor, a Michigan Municipal Corporation, to me known to be the persons who executed this foregoing instrument, and to me known to be such Mayor and Clerk of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the free act and deed of said Corporation by its authority.

\_\_\_\_\_  
NOTARY PUBLIC  
County of Washtenaw, State of Michigan  
My Commission Expires: \_\_\_\_\_  
Acting in the County of Washtenaw

STATE OF MICHIGAN    )

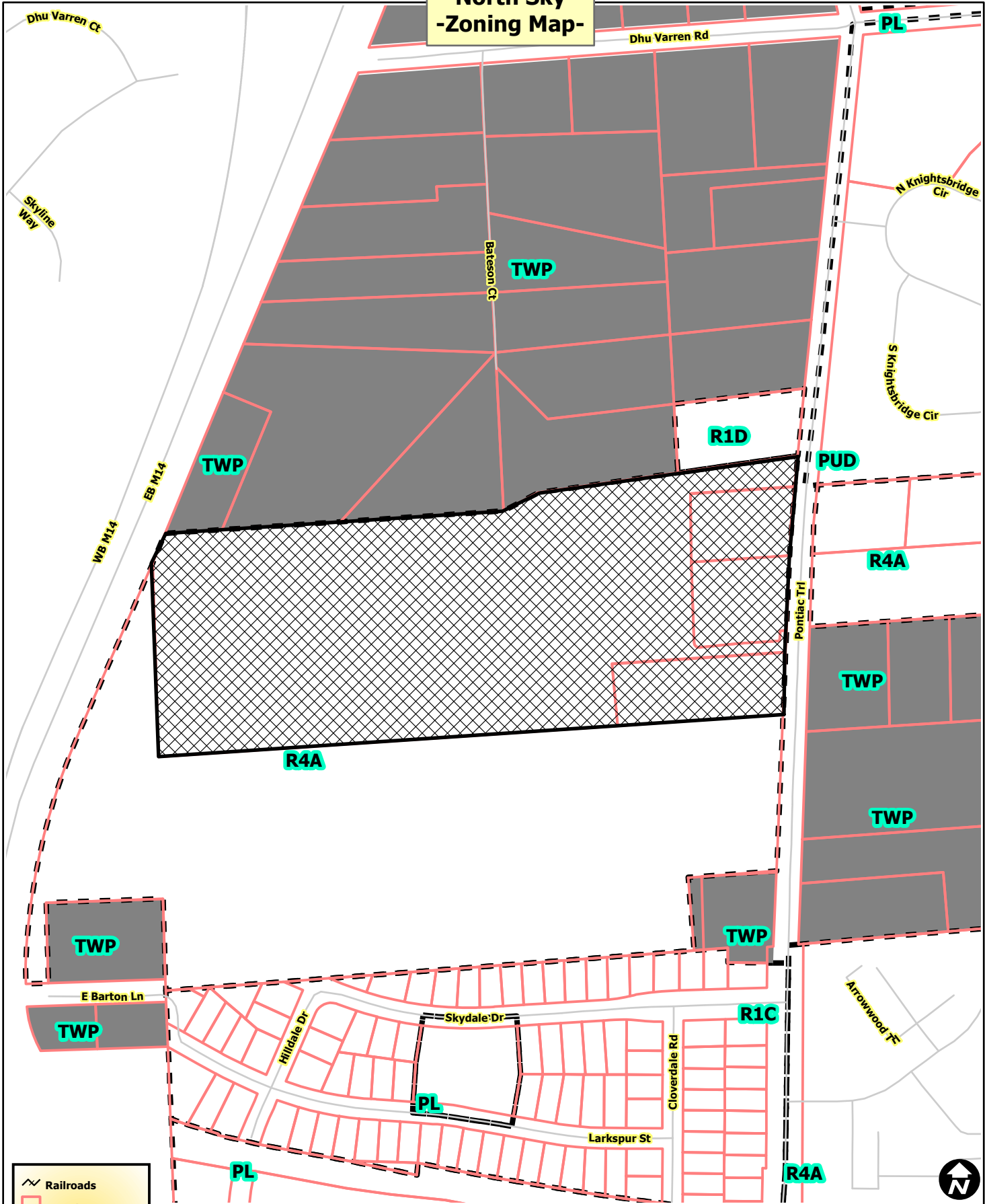
County of Washtenaw     ) ss:  
  )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person who executed the foregoing instrument, and acknowledged that he executed the foregoing instrument as his free act and deed.

\_\_\_\_\_  
NOTARY PUBLIC  
County of Washtenaw, State of Michigan  
My Commission Expires: \_\_\_\_\_  
Acting in the County of Washtenaw

DRAFTED BY AND AFTER RECORDING RETURN TO:  
Ann Arbor Planning & Development Services  
Post Office Box 8647  
Ann Arbor, Michigan 48107  
(734) 794-6265

# North Sky -Zoning Map-



**Legend**

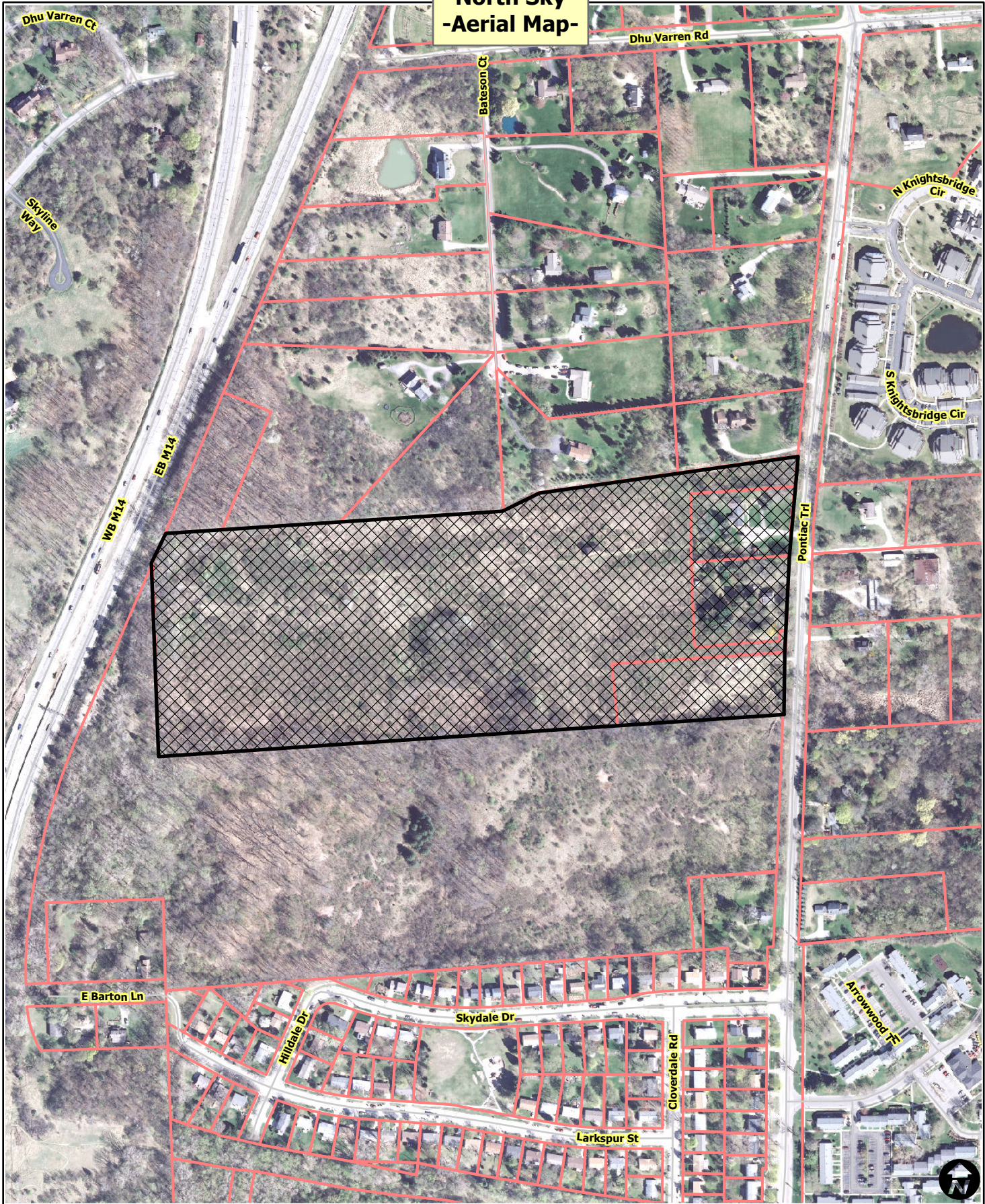
- Railroads
- Parcels
- Zoning**
- Township Islands
- Zoning Districts



**City of Ann Arbor Map Disclaimer:**  
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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: 10/1/2013



# North Sky -Aerial Map-



-  Railroads
-  Parcels



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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: 10/1/2013

**BENCHMARKS:**

- BENCHMARK NO. 1**  
R.R. SPIKE ON NORTH SIDE OF UTILITY POLE. EAST SIDE OF PONTIAC TRAIL AT SHOP #2710. ELEVATION=905.20
- BENCHMARK NO. 2**  
EXISTING SPIKE ON EAST SIDE OF UTILITY POLE 33' WEST OF PONTIAC TRAIL CENTERLINE AT NORTHEAST PROPERTY CORNER OF HOUSE NO 2735 ELEVATION=918.51
- BENCHMARK NO. 3**  
EXISTING SPIKE ON NORTH SIDE OF UTILITY POLE 510'+/- WEST OF PONTIAC TRAIL 100' +/- WEST OF SOUTHWEST PROPERTY CORNER OF HOUSE NO 2735 ELEVATION=932.95
- BENCHMARK NO. 4**  
TOP/STEAMER VALVE HYDRANT, WEST SIDE OF PONTIAC TRAIL, NORTH SIDE OF PROPERTY TO HOUSE #2655 ELEVATION=905.90

**TRASH REMOVAL:**

EACH UNIT SHALL USE A PERSONAL CART DUMPSTER TO BE STORED IN THE GARAGE.

COMPARISON TABLE			
Zoning:	Parcel	Existing	Required
	Parcel 1	23.38 Ac R4-A	
	Parcel 2	2.83 Ac R4-A	
	Parcel 3	2.17 Ac R4-A	
	Parcel 4	1.51 Ac R4-A	
	Parcel 5	1.88 Ac R1-D	
<b>Existing Dwelling Units</b>			
	R1D Single Family		1
	R4A Multi Family		2
<b>Proposed Dwelling Units</b>			
	R1-D Single Family		103 Units
	R1-E Single Family		36 Units
	R4-B Multi Family		56 Units
			<b>195 Units Total</b>
<b>R1-D Single Family</b>			
	Lot Area	5000 sf	5000 sf
	Lot Width	40 feet	45 feet
	Vehicle Parking		
	One Space per Dwelling Unit	103 spaces	206 spaces
	Bicycle Parking	na	na
	Setbacks		
	Front	25'	25'
	Side	3' min / 6' total	3' / 6'
	Rear	20'	20'
	Height	30'	30'
<b>R1-E Single Family</b>			
	Lot Area	4000 sf	4000 sf
	Lot Width	34 feet	40 feet
	Vehicle Parking		
	One Space per Dwelling Unit	36 spaces	72 spaces
	Bicycle Parking	na	na
	Setbacks		
	Front	15'	25'
	Side	3' min / 6' total	3' / 6'
	Rear	20'	20'
	Height	30'	30'
<b>R4-B Multi Family</b>			
	Lot Area	14,000 sf	217,800 sf
	Density	2900 sf/d.u.	3889 sf/d.u.*
	* incl 2.07 acres of Public Land zone		
	Useable Open Space	55%	68%
	* Does not include 2.07 Acres of Public Lands		
	Vehicle Parking		
	1.5 Spaces per Dwelling Unit	84 spaces	84 spaces
	Bicycle Parking		
	1 Space per 5 Dwelling Units	6 spaces	14 spaces
		50% class A	10 class A
		50% class C	4 class C
	Setbacks		
	Front	15' min / 40' max	35' to Pontiac Trail
			17' to Polson on south
			20' to Polson on west
	Side	12'	na
	Rear	30'	30'
	Height	45' MAX	39'-9 1/2'

**NOTE:**

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

**LEGEND**

- EXISTING STORM
- EXISTING WATER MAIN
- EXISTING SANITARY
- EXISTING GAS
- FD. IRON PIPE/ROD
- UTILITY POLE
- EX. MANHOLE
- EX. CATCH BASIN
- EX. CLEAN OUT
- EX. HYDRANT
- EX. WATER SHUTOFF
- EX. SIGN
- EX. LIGHT POLE
- EX. SIGNAL POLE
- EX. MAILBOX



**PEAK HOUR TRIPS:**

(PER TRAFFIC IMPACT ANALYSIS)

LAND USE	ITE CODE	AMOUNT	UNITS	AVERAGE DAILY TRAFFIC	AM PEAK HOUR			PM PEAK HOUR		
					IN	OUT	TOTAL	IN	OUT	TOTAL
SINGLE FAMILY RESIDENTIAL	210	139	D.U.	1441	27	82	109	91	53	144
MULTI-FAMILY	230	56	D.U.	382	5	27	32	24	13	37
				1823	32	109	141	115	66	181

**NOTES:**

- 1) THE DEVELOPMENT SIGN IS PROPOSED AT EACH ENTRANCE AND MUST MEET ALL REQUIREMENTS OF CHAPTER 61. SEPARATE SIGN PERMIT TO BE OBTAINED WHEN SIGN IS DESIGNED. DEVELOPMENT SIGN SHALL NOT BE PLACED IN A LOCATION THAT WOULD CREATE A SIGHT DISTANCE HAZARD.
- 2) ALL PARKING SPACES ALLOW FOR TWO (2) FEET OVERHANG BEYOND CURB.
- 3) "NO PARKING - FIRE LANE" SIGNS SHALL BE LOCATED ON ALL DRIVE/ROAD AREAS AND ARE TO BE LOCATED WITH FIRE DEPARTMENT CONSULTATION PRIOR TO CERTIFICATE OF OCCUPANCY (CO) BEING ISSUED.
- 4) TRASH COLLECTION FOR THE PROPOSED SINGLE FAMILY UNITS TO BE GARAGE KEPT ROLL AWAY BINS WITH CURB SIDE COLLECTION. TRASH COLLECTION FOR THE MULTI-FAMILY BUILDING TO BE AN ENCLOSED GROUND LEVEL COMPACTOR BENEATH PROPOSED BUILDING. FULL DUMPSTER CONTAINERS TO BE MANUALLY MOVED TO THE EXTERIOR ENCLOSURE AREA ADJACENT TO THE BUILDING ON THE DEDICATED RUBBISH REMOVAL DAY. THE EXTERIOR AND INTERIOR ENCLOSURE AREAS TO BE SCREENED FROM PUBLIC VIEW.
- 5) SITE LIGHTING TO BE PROVIDED VIA A WALL MOUNTED COACH LIGHT ON EACH BUILDING ADJACENT TO THE GARAGE DOORS. SAID LIGHTING TO BE CONTROLLED BY THE INDIVIDUAL HOMEOWNERS. INDIVIDUAL LIGHT POLES TO BE LOCATED AT THE DEVELOPMENT ENTRANCES, AT THE INTERNAL PARK AND AT STREET INTERSECTIONS.
- 6) ALL DIMENSIONS ARE TO BACK OF CURB, FACE OF INTEGRAL CURB AND WALK OR EDGE OF MATERIAL UNLESS OTHERWISE NOTED.
- 7) ALL IMPROVEMENTS ARE TO BE PARALLEL OR PERPENDICULAR TO THE SOUTH PROPERTY LINE UNLESS OTHERWISE NOTED.
- 8) 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 OCCUPANCY FOR THIS SITE, ALL EXISTING SIDEWALKS IN NEED OF REPAIR MUST BE REPAIRED IN ACCORDANCE WITH CITY STANDARDS.
- 9) SEE TRAFFIC IMPACT ANALYSIS MEMO AS PREPARED BY FLEIS & VANDERBRINK DATED SEPTEMBER 16, 2014 AND UPDATED ON OCTOBER 1, 2014 AND APRIL 23, 2015 FOR REQUIRED TRAFFIC IMPROVEMENTS.
- 10) THE MAINTENANCE OF ALL STREET ISLANDS/BOULEVARDS IS THE RESPONSIBILITY OF THE HOMEOWNER'S ASSOCIATION.
- 11) SIDEWALKS CONSTRUCTED IN THE PUBLIC RIGHT-OF-WAY SHALL MEET ALL REQUIREMENTS AND GUIDELINES AS SET FORTH IN THE ADA STANDARDS FOR ACCESSIBLE DESIGN. DETAILED CONSTRUCTION PLANS FOR THE NEW SIDEWALK, INCLUDING BOTH LONGITUDINAL AND TRANSVERSE GRADES. DETAILED CONSTRUCTION PLANS INCLUDING SIDEWALK RAMP DETAILS, MUST BE SUBMITTED TO THE PROJECT MANAGEMENT SERVICES UNIT FOR FINAL CONSTRUCTION PLAN REVIEW AND APPROVAL. ANY DETAILS CONCERNING GRADES WILL NEED TO BE WORKED OUT DURING THE SITE PLAN STAGE IN ORDER TO GAIN GRADING PLAN APPROVAL.

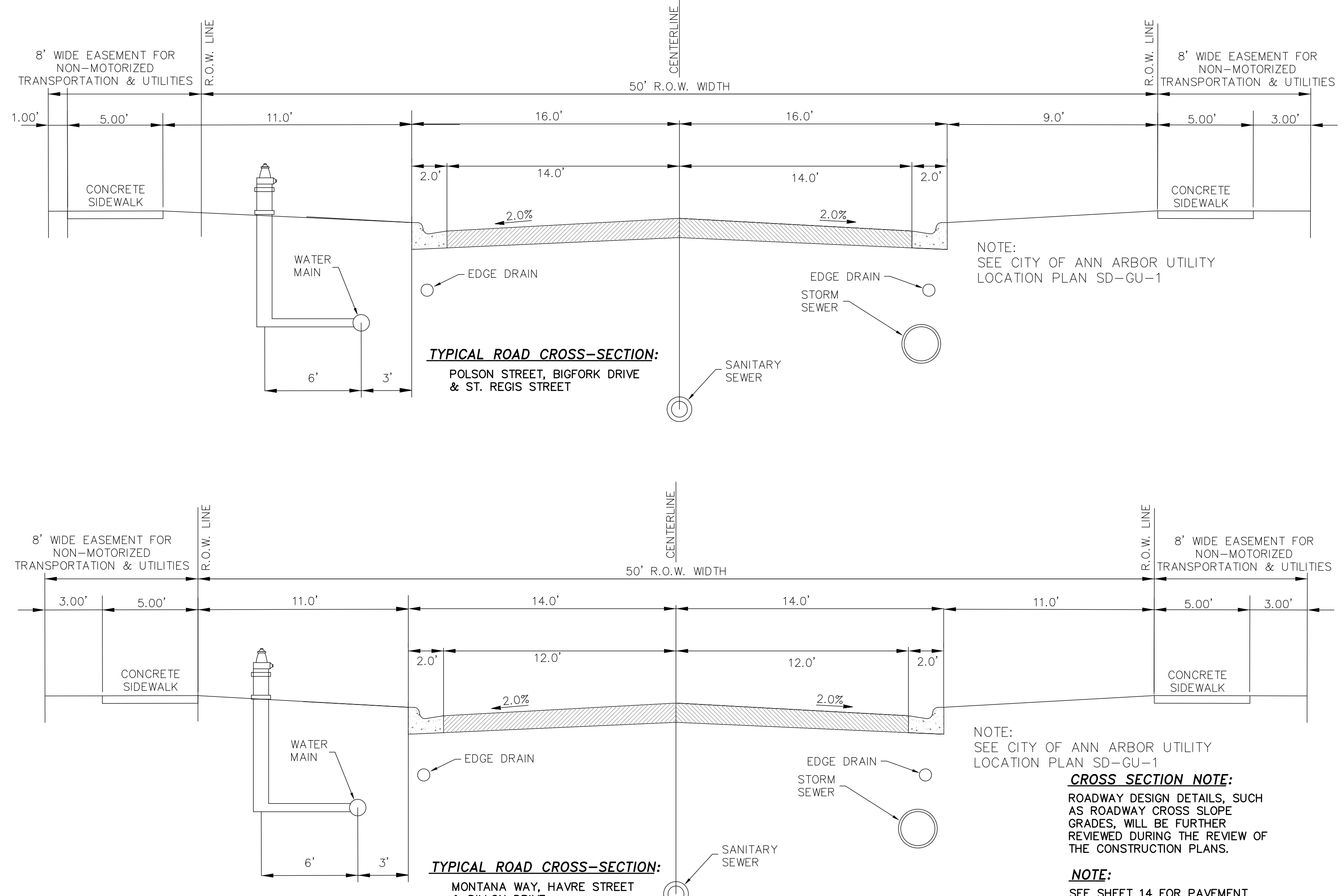
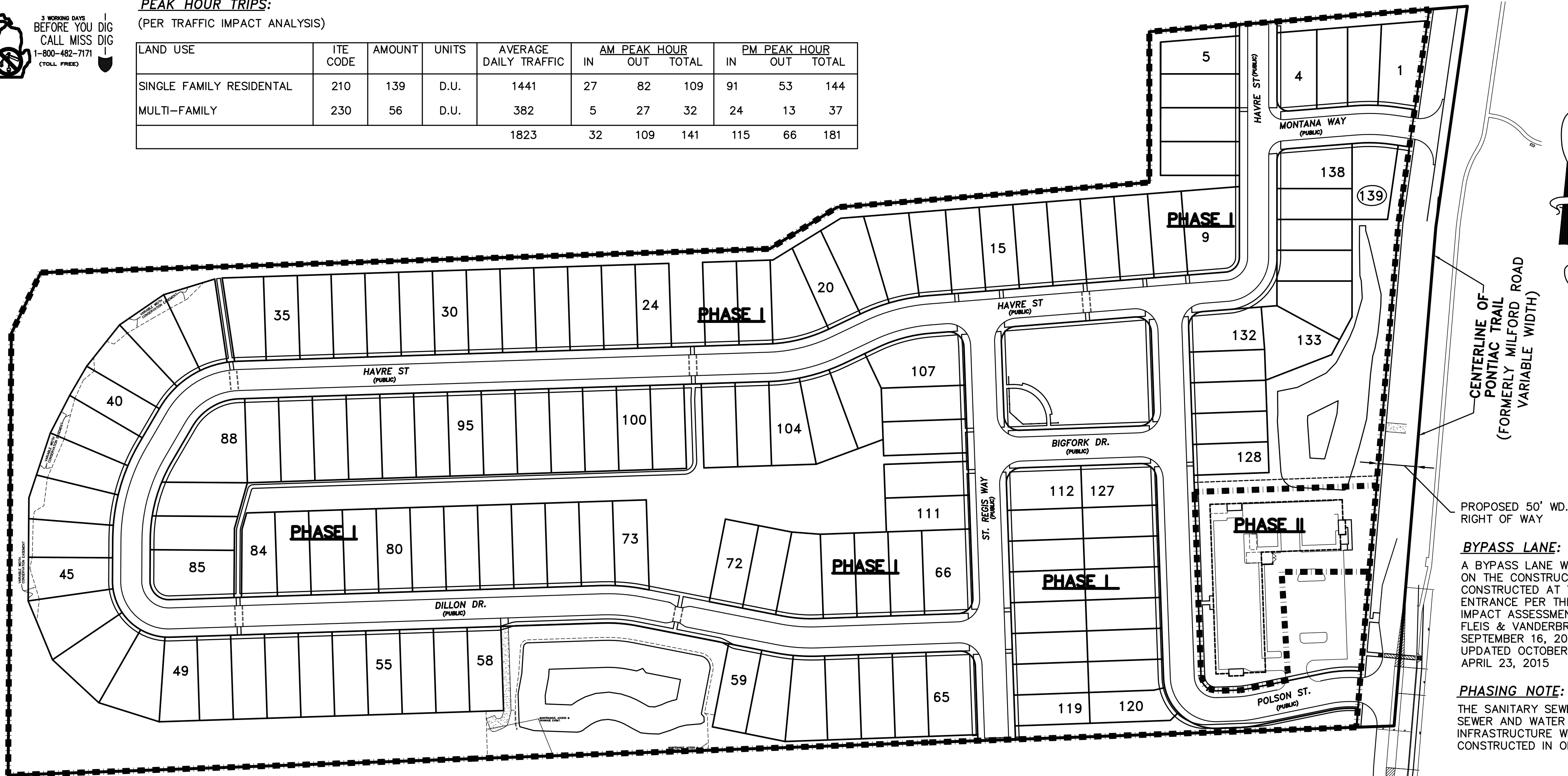
**FIRE DEPARTMENT SEQUENCING NOTES:**

HYDRANTS PROVIDING PROTECTION COVERAGE FOR THE BUILDINGS MUST BE IN SERVICE AND APPROVED BY BOTH ENGINEERING AND FIRE DEPARTMENT BEFORE FIRE DEPARTMENT WILL SUPPORT PERMIT ISSUANCE FOR NEW CONSTRUCTION PHASES AND BEFORE COMBUSTIBLE MATERIALS ARE PLACED ON THE JOB SITE.

STORAGE AREAS FOR BUILDING CONSTRUCTION MATERIALS MUST BE APPROVED SO AS NOT TO INTERFERE WITH FIRE/EMERGENCY SITE ACCESS.

IF SITE ACCESS IS RESTRICTED DURING CONSTRUCTION, A KNOX BOX LOCK FOR THE GATE IS TO BE PROVIDED

MINIMUM FIRE FLOW OF 1000 GAL/MINUTE AT 20 PSI IS REQUIRED (SINGLE FAMILY RESIDENTIAL CONSTRUCTION UNDER 3600 SF)



**PROPOSED 50' WD. RIGHT OF WAY**

**BYPASS LANE:**  
A BYPASS LANE WILL BE SHOWN ON THE CONSTRUCTION PLANS AND CONSTRUCTED AT THE SOUTHERLY ENTRANCE PER THE TRAFFIC IMPACT ASSESSMENT PREPARED BY FLEIS & VANDERBRINK DATED SEPTEMBER 16, 2014, AND UPDATED OCTOBER 31, 2014 & APRIL 23, 2015

**PHASING NOTE:**  
THE SANITARY SEWER, STORM SEWER AND WATER MAIN INFRASTRUCTURE WILL BE CONSTRUCTED IN ONE PHASE.

**GREENTECH ENGINEERING, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
51111 W. Pontiac Trail, Wixom, MI 48393  
Phone: (248) 668-0700 Fax: (248) 668-0701

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**OVERALL LAYOUT AND PHASING PLAN**

CLIENT: TROWBRIDGE DEVELOPMENT

SECTION: 16

TOWNSHIP: 2 S

CITY OF ANN ARBOR

WASHINGTON COUNTY MICHIGAN

RANGE: 6 E

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REVISED

10-1-15	PER CITY REVIEW
8-24-15	PER CITY REVIEW
8-4-15	PER CNTY REVIEW
7-7-15	PER CITY REVIEW
4-28-15	PER CITY REVIEW
4-6-15	ENGINEERING REVIEW
3-2-15	UPDATED PLAN
1-21-15	PER CITY REVIEW

DATE: 9-26-14

DRAWN BY: DL

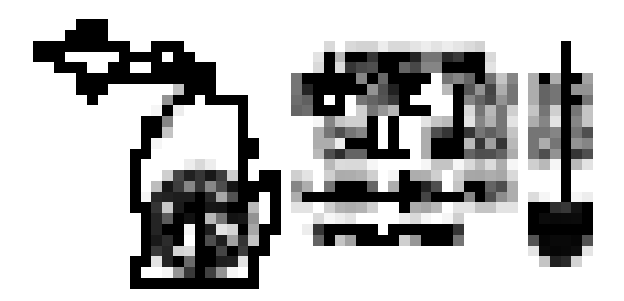
CHECKED BY:

SCALE: HOR 1"=100 FT. VER 1"=10 FT.

13-174

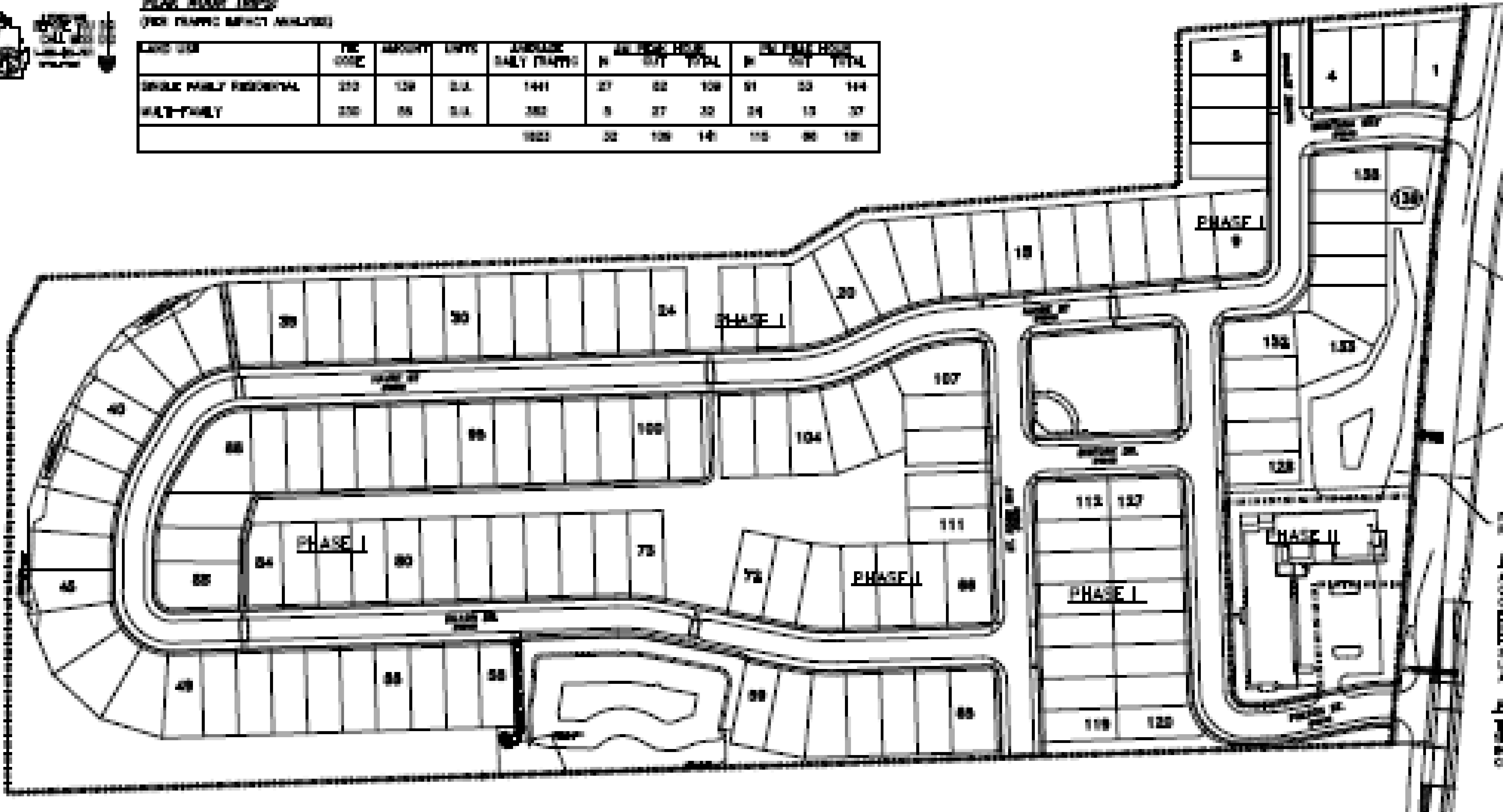


1.00' = 100' (VERTICAL SCALE)  
 1" = 100' (HORIZONTAL SCALE)  
 1" = 100' (VERTICAL SCALE)  
 1" = 100' (HORIZONTAL SCALE)  
 1" = 100' (VERTICAL SCALE)  
 1" = 100' (HORIZONTAL SCALE)  
 1" = 100' (VERTICAL SCALE)  
 1" = 100' (HORIZONTAL SCALE)



**PEAK HOUR TRIP**  
(FOR TRAFFIC IMPACT ANALYSIS)

LAND USE	TRIP CODE	CAPACITY	UNITS	DAILY TRAFFIC	PEAK HOUR			OFF PEAK HOUR		
					IN	OUT	TOTAL	IN	OUT	TOTAL
SINGLE FAMILY RESIDENTIAL	200	120	0.2	144	27	22	108	21	22	144
MULTI-FAMILY	200	50	0.4	360	8	27	35	24	13	37
				1804	35	126	143	45	35	180



CENTERLINE OF PROPOSED TRAIL (FORMERLY MILFORD ROAD) (VARIOUS WIDTH)

PROPOSED 60' WIDE RIGHT OF WAY

**STRAPE LAND:**  
A STRAPE LAND WILL BE SHOWN ON THE CONSTRUCTION PLANS & CONSTRUCTED AT THE SOUTHERN ENTRANCE FOR THE TRAFFIC LIGHT AND LIGHT PROVIDED HERE & VANDERBILT DATED SEPTEMBER 15, 2014, AND UPGRADE OCTOBER 23, 2014 & APRIL 23, 2015

**PHASING NOTE:**  
THE SANITARY SEWER, STORM SEWER AND WATER MAIN INFRASTRUCTURE WILL BE CONSTRUCTED IN ONE PHASE.

**BENCHMARKS:**

**BENCHMARK NO. 1**  
R.R. SPIKE ON NORTH SIDE OF UTILITY POLE. EAST SIDE OF PONTIAC TRAIL AT SHOP #2710.  
ELEVATION=905.20

**BENCHMARK NO. 2**  
EXISTING SPIKE ON EAST SIDE OF UTILITY POLE 33' WEST OF PONTIAC TRAIL CENTERLINE AT NORTHEAST PROPERTY CORNER OF HOUSE NO 2735  
ELEVATION=918.51

**BENCHMARK NO. 3**  
EXISTING SPIKE ON NORTH SIDE OF UTILITY POLE 510 +/- WEST OF PONTIAC TRAIL 100' +/- WEST OF SOUTHWEST PROPERTY CORNER OF HOUSE NO 2735  
ELEVATION=932.95

**BENCHMARK NO. 4**  
TOP/STEAMER VALVE HYDRANT, WEST SIDE OF PONTIAC TRAIL, NORTH SIDE OF PROPERTY TO HOUSE #2655  
ELEVATION=905.90

**SURVEY NOTE**

THE TOPOGRAPHIC SURVEY WAS PREVIOUSLY PREPARED BY OTHERS AND VERIFIED BY GREENTECH ENGINEERING, INC. IN JUNE 2014.

THE TREE SURVEY WAS PREVIOUSLY PREPARED BY OTHERS AND VERIFIED BY GREENTECH ENGINEERING, INC. IN JUNE 2014.

**NOTE**

SEE SHEET 28 FOR TREE LIST AND SHEETS 29, 30, 31 AND 32 FOR TREE REMOVAL.

**LEGAL DESCRIPTIONS:**

LAND IN THE CITY OF ANN ARBOR, COUNTY OF WASHTENAW, MICHIGAN, DESCRIBED AS:

PARCEL 1:  
LAND IN THE CITY OF ANN ARBOR (FORMERLY KNOWN AS THE TOWNSHIP OF ANN ARBOR), WASHTENAW COUNTY, MICHIGAN, DESCRIBED AS:  
COMMENCING AT THE WEST 1/4 CORNER OF SECTION 16, T.2S., R.6E., THENCE NORTH 00°24'44" EAST 667.66 FEET ALONG THE WEST LINE OF SECTION 16 TO THE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID WEST LINE OF SECTION 16, NORTH 00°24'44" EAST 587.84 FEET TO A POINT ON THE SOUTHEASTERLY RIGHT-OF-WAY OF M-14; THENCE NORTH 25°46'45" EAST ALONG SAID SOUTHEASTERLY RIGHT-OF-WAY 90.08 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST 1/4 OF SECTION 16; THENCE ALONG SAID LINE NORTH 88°07'08" EAST 971.09 FEET; THENCE NORTH 58°31'27" EAST 105.36 FEET; THENCE NORTH 85°27'51" EAST 812.67 FEET TO A POINT ON THE CENTERLINE OF PONTIAC TRAIL (66 FOOT WIDE); THENCE SOUTH 08°09'25" WEST ALONG SAID CENTERLINE 91.65 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST 1/4 OF SECTION 16; THENCE ALONG SAID LINE SOUTH 88°07'08" WEST 336.53 FEET; THENCE DUE SOUTH 201.10 FEET; THENCE SOUTH 88°07'08" WEST 258.29 FEET; THENCE DUE SOUTH 216.49 FEET; THENCE NORTH 88°07'08" EAST 553.83 FEET TO A POINT ON THE CENTERLINE OF PONTIAC TRAIL; THENCE ALONG SAID CENTERLINE SOUTH 04°46'55" WEST 65.74 FEET; THENCE SOUTH 88°00'55" WEST 533.38 FEET; THENCE DUE SOUTH 181.20 FEET; THENCE SOUTH 88°00'55" WEST 1328.23 FEET TO THE POINT OF BEGINNING. EXCEPT FOR ANY PORTION OF ABOVE PROPERTY CONTAINED IN WARRANTY DEED RECORDED IN LIBER 525, PAGE 515, WASHTENAW COUNTY RECORDS AND AS FURTHER DESCRIBED IN WARRANTY DEED DATED NOVEMBER 26, 1979, RECORDED DECEMBER 19, 1979 AS RECORDED IN LIBER 1742, PAGE 696, WASHTENAW COUNTY RECORDS.

PARCEL 2:  
COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF PONTIAC ROAD WITH THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 16, T.2S., R.6E., WASHTENAW COUNTY, MICHIGAN; THENCE NORTH 6°48' EAST ALONG THE CENTERLINE OF PONTIAC ROAD 311.17 FEET FOR A PLACE OF BEGINNING; THENCE WEST 555.0 FEET; THENCE NORTH 154.49 FEET; THENCE SOUTH 89°52' EAST 573.24 FEET TO THE CENTERLINE OF PONTIAC ROAD; THENCE SOUTH 6°48' WEST ALONG THE CENTERLINE OF PONTIAC ROAD 154.22 FEET TO THE PLACE OF COMMENCING; ALSO COMMENCING AT THE SAME PLACE OF BEGINNING IN PONTIAC ROAD AS ABOVE DESCRIBED; THENCE WEST 555.0 FEET; THENCE SOUTH 62.0 FEET; THENCE EAST TO THE CENTERLINE OF PONTIAC ROAD; THENCE NORTH TO THE PLACE OF BEGINNING, ALL BEING A PART OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 16, T.2S., R.6E., ANN ARBOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN; THENCE NORTH 00°24'44" EAST 667.66 FEET ALONG THE WEST LINE OF SECTION 16 TO A POINT ON THE SOUTH LINE OF THE NORTHWEST 1/4 OF SECTION 16; THENCE ALONG SAID SOUTH LINE NORTH 88°01'00" EAST 1,846.39 FEET TO A POINT ON THE CENTERLINE OF PONTIAC TRAIL; THENCE NORTH 04°46'55" EAST ALONG SAID CENTERLINE 247.59 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 88°07'08" WEST 559.86 FEET; THENCE DUE NORTH 216.49 FEET; THENCE NORTH 88°07'08" EAST 578.04 FEET TO A POINT ON THE CENTERLINE OF PONTIAC TRAIL; THENCE SOUTH 04°46'55" WEST ALONG SAID CENTERLINE 217.84 FEET TO THE POINT OF BEGINNING.

PARCEL 3:  
LAND IN THE CITY OF ANN ARBOR (FORMERLY KNOWN AS THE TOWNSHIP OF ANN ARBOR), WASHTENAW COUNTY, MICHIGAN, DESCRIBED AS:  
COMMENCING AT AN IRON PIPE MAKING THE INTERSECTION OF THE CENTERLINE OF THE PONTIAC ROAD WITH THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 16, ANN ARBOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN; THENCE WEST IN SAID SOUTH LINE 518.17 FEET TO AN IRON PIPE; THENCE NORTH AT RIGHT ANGLES 165 FEET; THENCE EAST AT RIGHT ANGLES 537.83 FEET TO THE CENTERLINE OF PONTIAC ROAD; THENCE SOUTHERLY DEFLECTING 90°49' TO THE RIGHT 166.17 FEET TO THE PLACE OF BEGINNING; ALSO COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF PONTIAC ROAD WITH THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 16, T.2S., R.6E., MERIDIAN OF MICHIGAN; THENCE NORTH 6°48' EAST ALONG THE CENTERLINE OF MILFORD ROAD (NOW KNOWN AS PONTIAC TRAIL), 166.17 FEET FOR A PLACE OF BEGINNING; THENCE WEST 537.83 FEET; THENCE NORTH 16.2 FEET; THENCE EAST 539.77 FEET TO THE CENTERLINE OF MILFORD ROAD (NOW KNOWN AS PONTIAC TRAIL); THENCE SOUTH 6°48' WEST ALONG THE CENTERLINE OF MILFORD ROAD 16.3 FEET TO THE PLACE OF BEGINNING; BEING A PART OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 16, CITY OF ANN ARBOR, FORMERLY KNOWN AS ANN ARBOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN.

PARCEL 4:  
COMMENCING AT THE WEST 1/4 CORNER OF SECTION 16, T.2S., R.6E., CITY OF ANN ARBOR, (FORMERLY ANN ARBOR TOWNSHIP) WASHTENAW COUNTY, MICHIGAN; THENCE NORTH 00°24'44" EAST 1,255.50 FEET ALONG THE WEST LINE OF SECTION 16 TO A POINT ON THE SOUTHEASTERLY RIGHT-OF-WAY OF M-14; THENCE NORTH 25°46'45" EAST ALONG SAID SOUTHEASTERLY RIGHT-OF-WAY 90.08 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST 1/4 OF SECTION 16; THENCE ALONG SAID LINE NORTH 88°07'08" EAST 971.09 FEET; THENCE NORTH 58°31'27" EAST 105.36 FEET; THENCE NORTH 85°27'51" EAST 812.67 FEET TO A POINT ON THE CENTERLINE OF PONTIAC TRAIL (66 FOOT WIDE); THENCE SOUTH 08°09'25" WEST ALONG SAID CENTERLINE 91.65 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST 1/4 OF SECTION 16; SAID POINT BEING THE POINT OF BEGINNING; THENCE CONTINUING ALONG THE CENTERLINE OF PONTIAC TRAIL SOUTH 04°46'55" WEST 202.81 FEET; THENCE SOUTH 88°07'08" WEST 319.71 FEET; THENCE DUE NORTH 201.10 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST 1/4 OF SECTION 16; THENCE ALONG SAID LINE NORTH 88°07'08" EAST 336.53 FEET TO THE POINT OF BEGINNING.

PARCEL 5:  
THAT PART OF A PARCEL OF LAND IN THE NORTHWEST 1/4 OF SECTION 16, T.2S., R.6E., CITY OF ANN ARBOR, (FORMERLY ANN ARBOR TOWNSHIP) WASHTENAW COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
BEGINNING AT A POINT ON THE CENTERLINE OF PONTIAC TRAIL (FORMERLY MILFORD ROAD 66 FEET WIDE) DISTANT FROM THE NORTH 1/4 CORNER OF SECTION 16, SOUTH 88°18'25" WEST 584.0 FEET AS MEASURED ALONG THE NORTH LINE OF SAID SECTION (581.0 FEET RECORD) AND SOUTH 7°49'05" WEST 1049.70 FEET ALONG THE AFORESAID CENTERLINE OF PONTIAC TRAIL; THENCE PROCEEDING SOUTH 85°25'06" WEST 437.20 FEET; THENCE SOUTH 200.85 FEET; THENCE NORTH 85°25'06" EAST 409.07 FEET TO A POINT ON THE CENTERLINE OF AFORESAID PONTIAC TRAIL; THENCE ALONG SAID CENTERLINE, NORTH 07°49'05" EAST 205.05 FEET TO THE POINT OF BEGINNING.

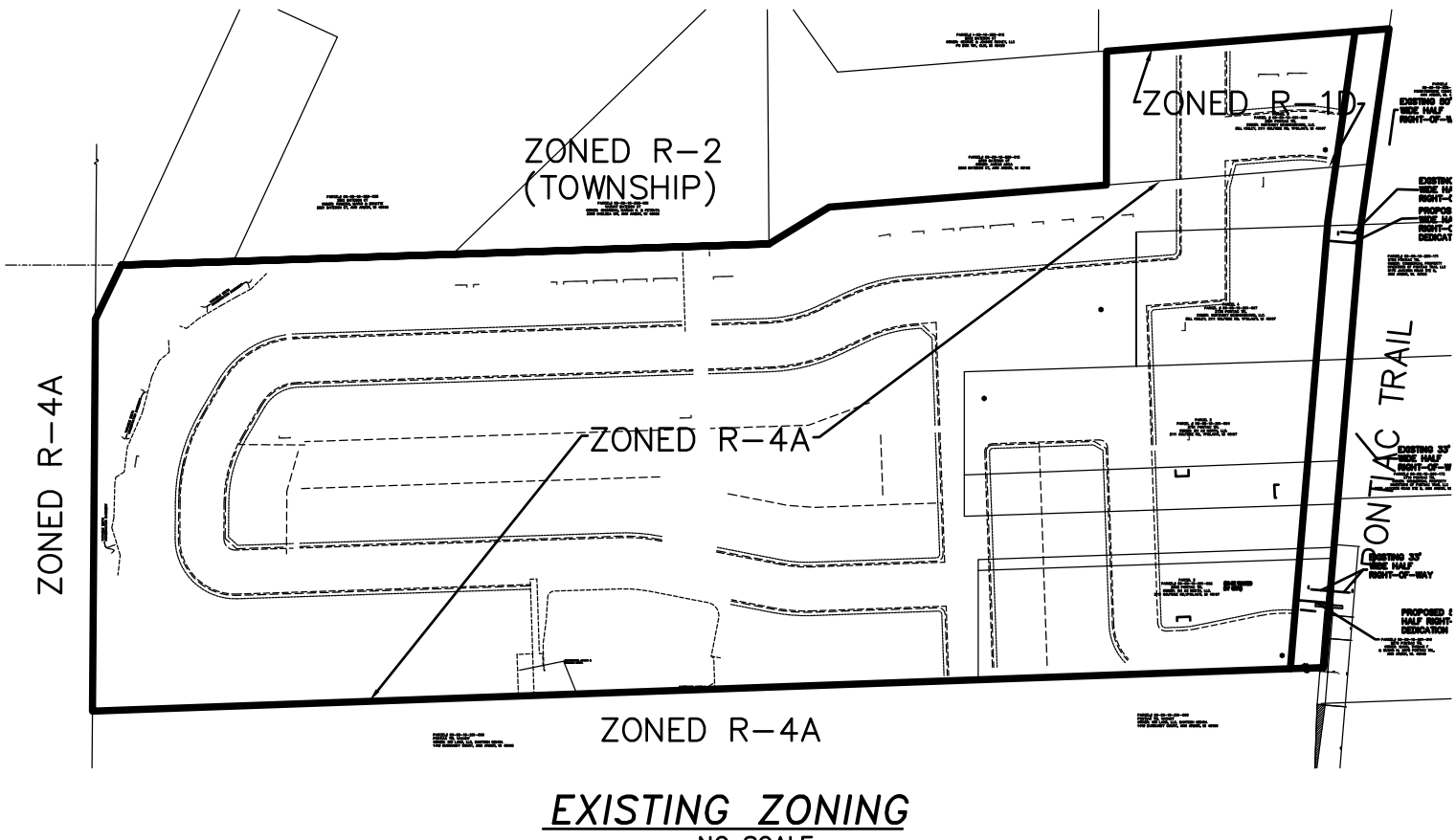
**NOTE:**

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

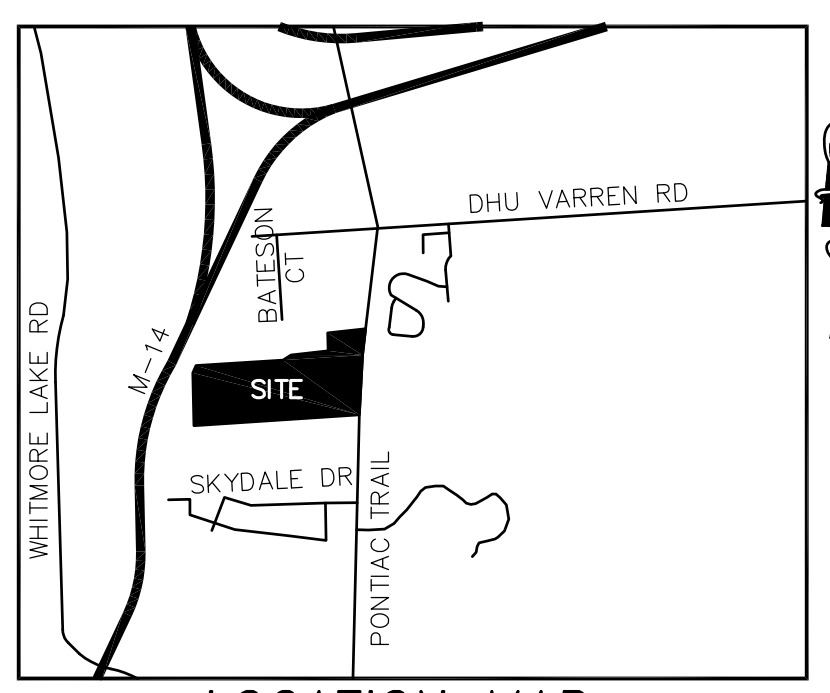
Washtenaw County, Michigan (MI161)				
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI	
FoC	Fox sandy loam, 6 to 12 percent slopes	4.8	14.8%	
FoD	Fox sandy loam, 12 to 18 percent slopes	0.2	0.6%	
MdA	Matheron sandy loam, 0 to 4 percent slopes	1.8	5.5%	
MmB	Miami loam, 2 to 6 percent slopes	18.1	55.6%	
MmC	Miami loam, 6 to 12 percent slopes	1.4	4.4%	
MmD	Miami loam, 12 to 18 percent slopes	6.2	19.1%	
<b>Totals for Area of Interest</b>		<b>32.5</b>	<b>100.0%</b>	



**SOILS INFORMATION:**  
NO SCALE



**EXISTING ZONING**  
NO SCALE



**LOCATION MAP**  
SCALE: 1"=2000'



**LEGEND**

---	EXISTING STORM	FF	FINISH FLOOR
---	EXISTING WATER MAIN	---	PROP. DRAINAGE ARROW
---	EXISTING SANITARY	TP 40.00	PROP. TOP OF PAVEMENT ELEV.
---	EXISTING GAS	TC 40.00	PROP. TOP OF CURB ELEV.
---	FD, NON PIPE/ROD	QU 40.00	PROP. GUTTER ELEV.
---	UTILITY POLE	TW 40.00	PROP. TOP OF WALK ELEV.
○	EX. MANHOLE	40.00	PROP. SPOT ELEV.
○	EX. CATCH BASIN	240	PROP. CONTOUR
○	EX. CLEAN OUT	---	PROP. CATCH BASIN
○	EX. HYDRANT	---	PROP. MANHOLE
○	EX. WATER SHUTOFF	---	PROP. END SECTION
○	EX. SIGN	---	PROP. STORM SEWER
○	EX. LIGHT POLE	---	PROP. SANITARY SEWER
○	EX. SIGNAL POLE	---	PROP. WATER MAIN
○	EX. MAILBOX	---	PROP. GATE VALVE
○		---	PROP. HYDRANT
○		---	PROP. SAN. STR. NUMBER
○		---	PROP. STM. STR. NUMBER
○		---	PROP. GATE VALVE NUMBER
○		---	PROP. HYDRANT NUMBER

**NOTE:**  
THE INDIVIDUAL PARCELS THAT CURRENTLY MAKE UP THIS PROPOSED DEVELOPMENT MUST BE LEGALLY COMBINED PRIOR TO ISSUANCE OF ANY PERMITS BY THE CITY OF ANN ARBOR.

**CIVIL ENGINEERS & LAND SURVEYORS**  
51111 W. Pontiac Trail, Wixom, MI 48393  
Phone: (248) 668-0700 Fax: (248) 668-0701

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Know what's below  
Call before you dig.

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**OVERALL EXISTING CONDITIONS PLAN**

CLIENT: TROWBRIDGE DEVELOPMENT

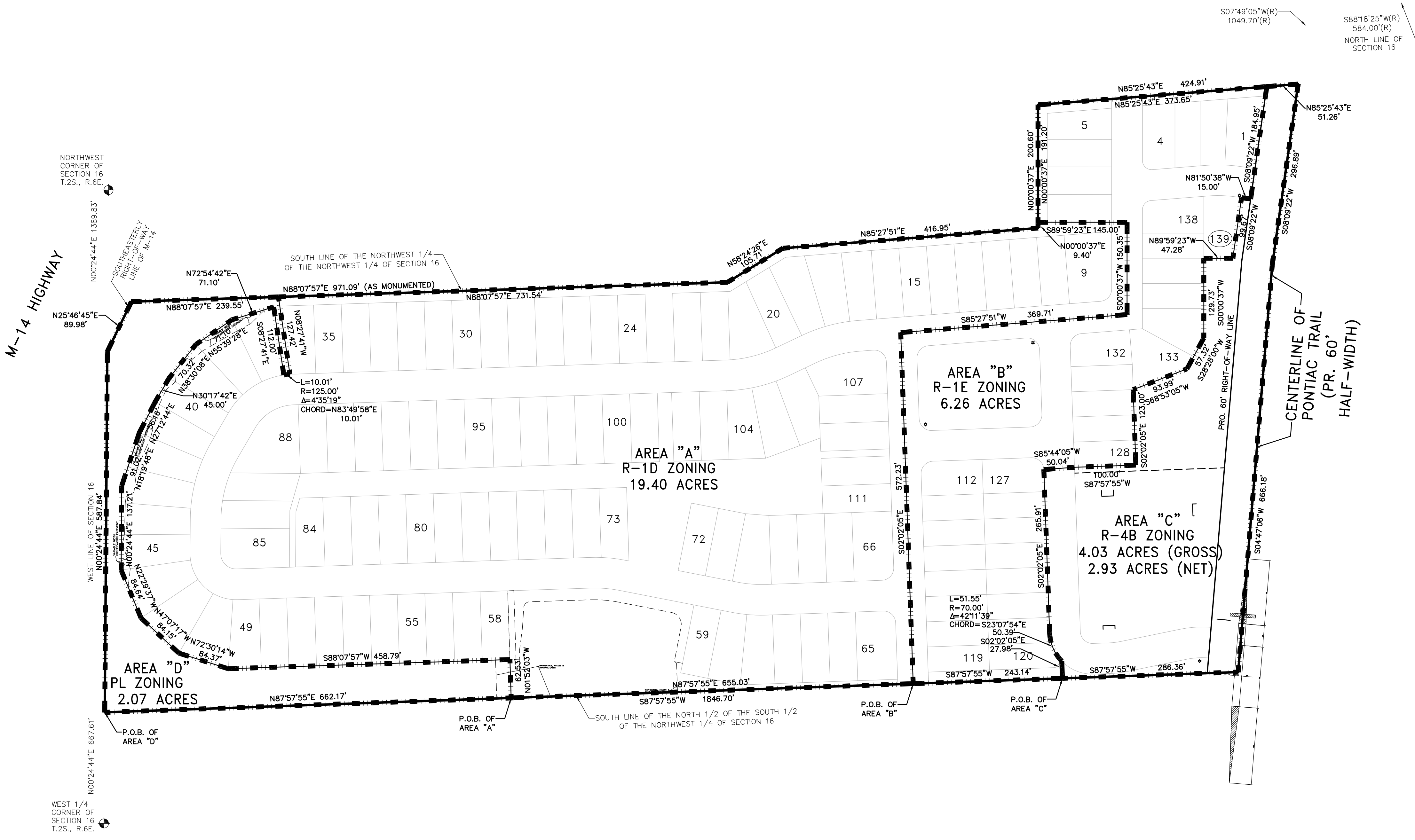
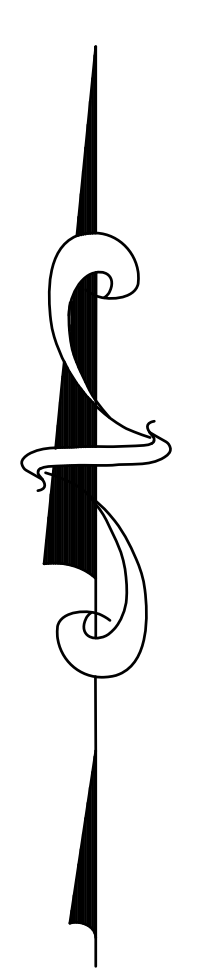
SECTION: 16 NORTHSKY DEVELOPMENT RANGE: 6 E  
CITY OF ANN ARBOR  
WASHTENAW COUNTY MICHIGAN

REVISED

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10-1-15 PER CITY REVIEW	2
8-24-15 PER CITY REVIEW	
8-4-15 PER CNTY REVIEW	
7-7-15 PER CITY REVIEW	
4-28-15 PER CITY REVIEW	
3-2-15 UPDATED PLAN	
1-21-15 PER CITY REVIEW	
DATE: 9-26-14	
DRAWN BY: DL	
CHECKED BY:	
FBK:	
CHF:	
SCALE: HOR 1"=100 FT. VER 1"= FT.	13-174





**AREA "A"**  
**DESCRIPTION OF R-1D ZONING:**  
 COMMENCING AT THE WEST 1/4 CORNER OF SECTION 16, TOWN 2 SOUTH, RANGE 6 EAST, CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN; THENCE N00°24'44"E 667.61 FEET ALONG THE WEST LINE OF SAID SECTION 16; THENCE N87°57'55"E 662.17 FEET ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE POINT OF BEGINNING; THENCE N01°52'03"W 62.53 FEET; THENCE S88°07'57"W 458.79 FEET; THENCE N72°30'14"W 84.37 FEET; THENCE N47°07'17"W 84.15 FEET; THENCE N22°29'37"W 84.64 FEET; THENCE N00°24'44"E 137.21 FEET; THENCE N18°19'48"E 91.02 FEET; THENCE N27°12'44"E 56.16 FEET; THENCE N30°17'42"E 45.00 FEET; THENCE N38°30'08"E 70.32 FEET; THENCE N55°39'28"E 71.10 FEET; THENCE N72°54'42"E 71.10 FEET; THENCE S08°27'41"E 112.00 FEET; THENCE 10.01 FEET ALONG THE ARC OF A 125.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 4°35'19", CHORD BEARING N83°49'58"E 10.01 FEET; THENCE N08°27'41"W 127.42 FEET; THENCE N88°07'57"E 731.54 FEET ALONG THE SOUTH LINE OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16 (AS MONUMENTED); THENCE N58°24'26"E 105.71 FEET; THENCE N85°27'51"E 416.95 FEET; THENCE N00°00'37"E 9.40 FEET; THENCE S89°59'23"E 145.00 FEET; THENCE S00°00'37"W 150.35 FEET; THENCE S85°27'51"W 369.71 FEET; THENCE S02°02'05"E 572.23 FEET; THENCE S87°57'55"W 655.03 FEET ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE POINT OF BEGINNING, BEING PART OF THE NORTHWEST 1/4 OF SAID SECTION 16, CONTAINING 19.40 ACRES OF LAND, MORE OR LESS, AND BEING SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD, IF ANY.

**AREA "B"**  
**DESCRIPTION OF R-1E ZONING:**  
 COMMENCING AT THE WEST 1/4 CORNER OF SECTION 16, TOWN 2 SOUTH, RANGE 6 EAST, CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN; THENCE N00°24'44"E 667.61 FEET ALONG THE WEST LINE OF SAID SECTION 16 TO THE POINT OF BEGINNING; THENCE N02°02'05"W 572.23 FEET; THENCE N85°27'51"E 369.71 FEET; THENCE N00°00'37"E 150.35 FEET; THENCE N89°59'23"W 145.00 FEET; THENCE N00°00'37"E 191.20 FEET; THENCE N85°25'43"E 373.65 FEET; THENCE S08°09'22"W 184.95 FEET; THENCE N81°50'38"W 15.00 FEET; THENCE S08°09'22"W 99.67 FEET; THENCE N89°59'23"W 47.28 FEET; THENCE S00°00'37"W 129.73 FEET; THENCE S28°28'00"W 57.32 FEET; THENCE S68°53'05"W 93.99 FEET; THENCE S02°02'05"E 123.00 FEET; THENCE S87°57'55"W 100.00 FEET; THENCE S85°44'05"W 50.04 FEET; THENCE S02°02'05"E 265.91 FEET; THENCE 51.55 FEET ALONG THE ARC OF A 70.00 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 42°11'39", CHORD BEARING S23°07'54"E 50.39 FEET; THENCE S02°02'05"E 27.98 FEET; THENCE S87°57'55"W 243.14 FEET ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE POINT OF BEGINNING, BEING PART OF THE NORTHWEST 1/4 OF SAID SECTION 16, CONTAINING 6.26 ACRES OF LAND, MORE OR LESS, AND BEING SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD, IF ANY.

**AREA "C"**  
**DESCRIPTION OF R-4B ZONING:**  
 COMMENCING AT THE WEST 1/4 CORNER OF SECTION 16, TOWN 2 SOUTH, RANGE 6 EAST, CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN; THENCE N00°24'44"E 667.61 FEET ALONG THE WEST LINE OF SAID SECTION 16 TO THE POINT OF BEGINNING; THENCE N02°02'05"W 27.98 FEET; THENCE 51.55 FEET ALONG THE ARC OF A 70.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 42°11'39", CHORD BEARING N23°07'54"W 50.39 FEET; THENCE N02°02'05"W 265.91 FEET; THENCE N85°44'05"E 50.04 FEET; THENCE N87°57'55"E 100.00 FEET; THENCE N02°02'05"W 123.00 FEET; THENCE N68°53'05"E 93.99 FEET; THENCE N28°28'00"E 57.32 FEET; THENCE N00°00'37"E 129.73 FEET; THENCE S89°59'23"E 47.28 FEET; THENCE N08°09'22"E 99.67 FEET; THENCE S81°50'38"E 15.00 FEET; THENCE N08°09'22"E 184.95 FEET ALONG THE PROPOSED 60' RIGHT-OF-WAY LINE OF PONTIAC TRAIL; THENCE N85°25'43"E 51.26 FEET; THENCE ALONG THE CENTERLINE OF PONTIAC TRAIL (PROPOSED 60' WIDE HALF-WIDTH) THE FOLLOWING TWO (2) COURSES AND DISTANCES: S08°09'22"W 296.89 FEET AND S04°47'06"W 666.18 FEET; THENCE S87°57'55"W 286.35 FEET ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE POINT OF BEGINNING, BEING PART OF THE NORTHWEST 1/4 OF SAID SECTION 16, CONTAINING 4.03 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO THE RIGHTS OF THE PUBLIC OVER THE EASTERLY 60 FEET THEREOF, AS OCCUPIED BY SAID PONTIAC TRAIL AND BEING SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD, IF ANY.

**AREA "D"**  
**DESCRIPTION OF PL ZONING:**  
 COMMENCING AT THE WEST 1/4 CORNER OF SECTION 16, TOWN 2 SOUTH, RANGE 6 EAST, CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN; THENCE N00°24'44"E 667.61 FEET ALONG THE WEST LINE OF SAID SECTION 16 TO THE POINT OF BEGINNING; THENCE CONTINUING N00°24'44"E 567.84 FEET ALONG THE WEST LINE OF SAID SECTION 16; THENCE N25°46'45"E 89.98 FEET ALONG THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF M-14; THENCE N88°07'57"E 239.55 FEET ALONG THE SOUTH LINE OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 16 (AS MONUMENTED); THENCE S08°27'41"E 127.42 FEET; THENCE 10.01 FEET ALONG THE ARC OF A 125.00 FOOT RADIUS CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 4°35'19", CHORD BEARING S83°49'58"W 10.01 FEET; THENCE N08°27'41"W 112.00 FEET; THENCE S72°54'42"W 71.10 FEET; THENCE S55°39'28"W 71.10 FEET; THENCE S38°30'08"W 70.32 FEET; THENCE S30°17'42"W 84.15 FEET; THENCE S27°12'44"W 84.15 FEET; THENCE S18°19'48"W 91.02 FEET; THENCE S00°24'44"W 137.21 FEET; THENCE S22°29'37"E 84.64 FEET; THENCE S47°07'17"E 84.15 FEET; THENCE S72°30'14"E 84.37 FEET; THENCE N88°07'57"E 458.79 FEET; THENCE S01°52'03"E 62.53 FEET; THENCE S87°57'55"W 662.17 FEET ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF SAID SECTION 16 TO THE POINT OF BEGINNING, BEING PART OF THE NORTHWEST 1/4 OF SAID SECTION 16, CONTAINING 2.07 ACRES OF LAND, MORE OR LESS, AND BEING SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD, IF ANY.

**GREENTECH ENGINEERING, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 5111 W. Pontiac Trail, Wixom, MI 48393  
 Phone: (248) 668-0700 Fax: (248) 668-0701

**811**  
 Know what's Below  
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**REZONING PLAN/LEGAL DESCRIPTIONS**

CLIENT: TROWBRIDGE DEVELOPMENT  
 SECTION: 16  
 TOWNSHIP: 2 S  
 CITY OF ANN ARBOR  
 WASHTENAW COUNTY  
 MICHIGAN  
 RANGE: 6 E.

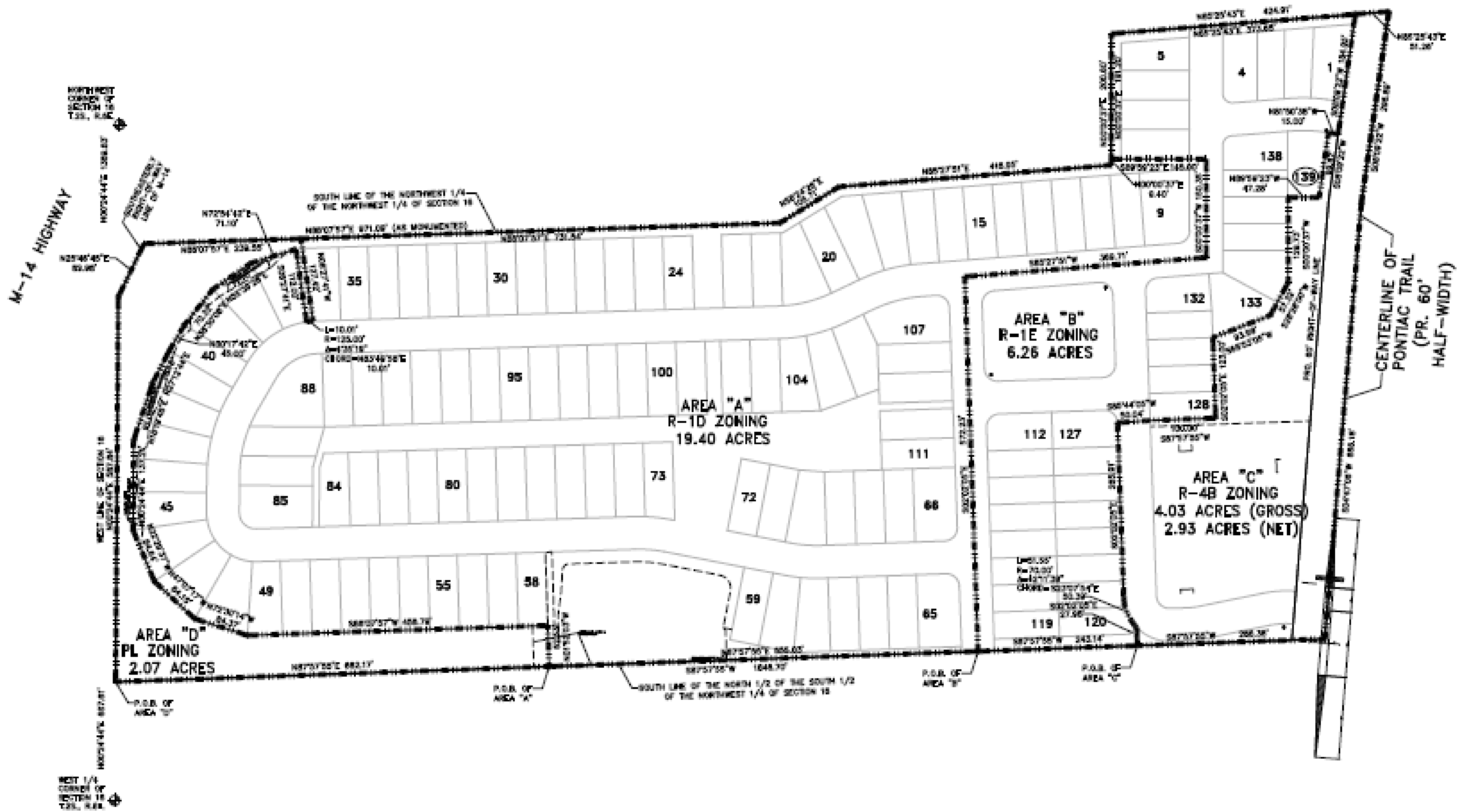
REVISED

10-1-15 PER CITY REVIEW  
 8-24-15 PER CITY REVIEW  
 6-22-15 PER CITY REVIEW  
 4-28-15 PER CITY REVIEW  
 3-2-15 UPDATED PLAN  
 1-21-2015 PER CITY REVIEW

DATE: 9-26-2014  
 DRAWN BY: RJF  
 CHECKED BY: DJL

FBK: 119  
 CHF: PP  
 SCALE: HOR 1"=100 FT.  
 VER 1"= -- FT.

47  
 13-174





**SOUTH ELEVATION**  
1/8"=1'-0"



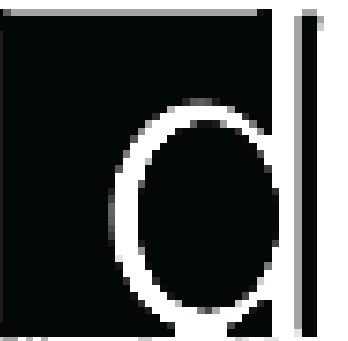
**WEST ELEVATION**  
1/8"=1'-0"



**EAST ELEVATION**  
1/8"=1'-0"



**NORTH ELEVATION**  
1/8"=1'-0"

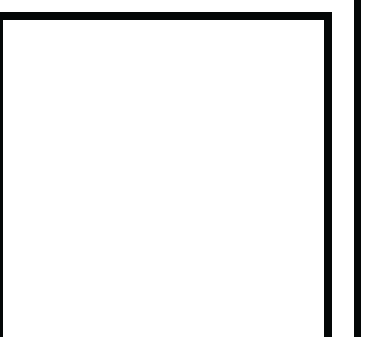


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NORTH SKY APARTMENTS



LEGEND:  
 SCHEMATIC  
 SECOND  
 THIRD SUBMITTAL  
 CONSTRUCTION  
 OTHER:

DRAWING DATE, SET AND  
 SHEET FOR APPROVAL USE  
 ONLY. REVISED SHEETS

NO. DATE: 001 04/18

1 001 04/18

DATE: 04-01-18

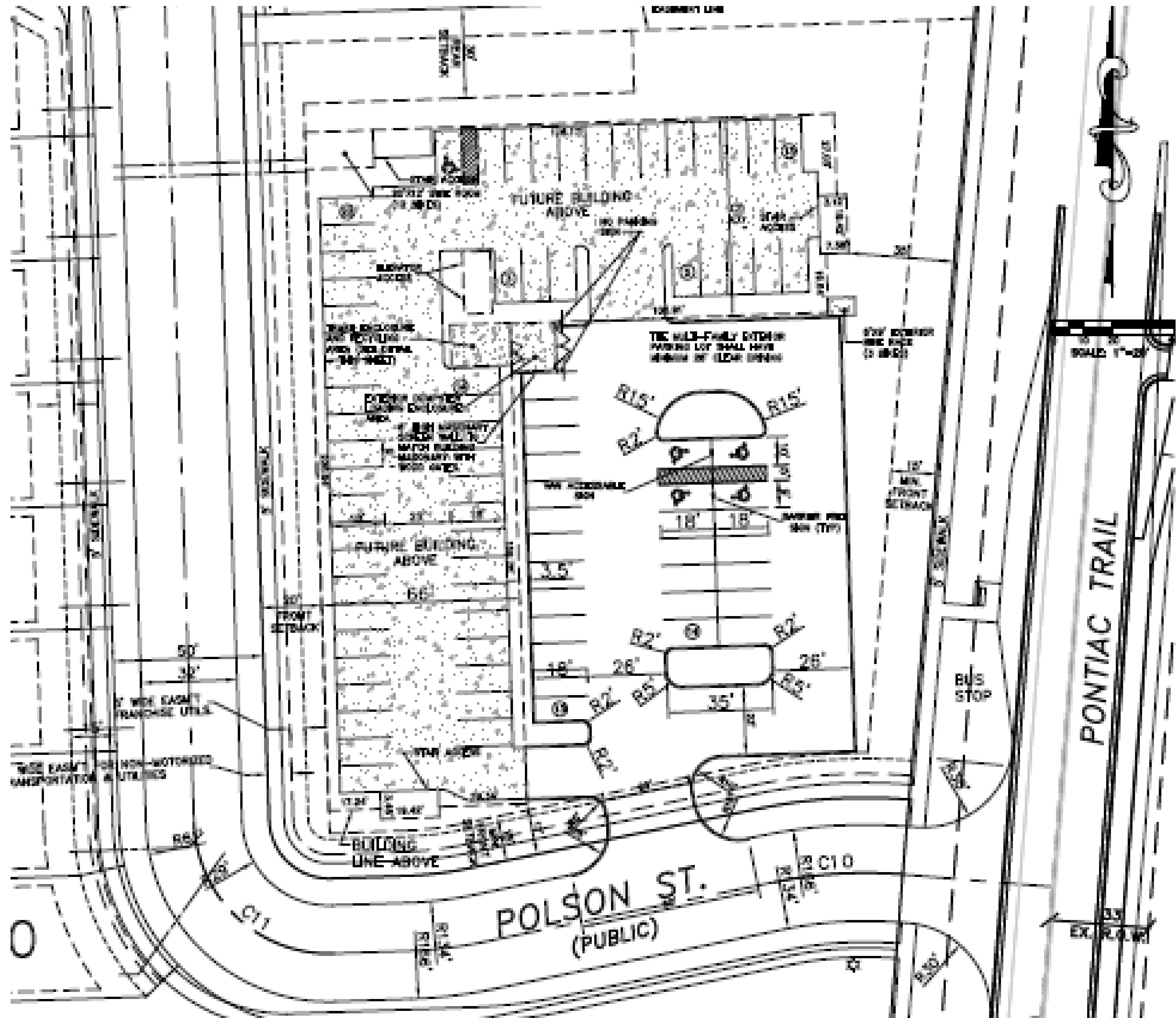
OR: L.M.

OR: P.S.

SHEET

**42F**

PROJECT NO: 14810



Seal: \_\_\_\_\_



**Title:**  
 Landscape Plan

**Project:**  
 North Sky  
 Ann Arbor, Michigan

**Prepared for:**  
 Trowbridge Homes  
 2617 Bascom Hall Dr.  
 Auburn Hills, MI 48326

Revision:	Issued:
Major	September 17, 2014
Minor	September 24, 2014
Major	January 16, 2015
Major	March 2, 2015
Major	April 20, 2015
Major	July 16, 2015
Major	August 1, 2015
Major	August 13, 2015

**Job Number:**  
 1400

**Drawn By:** \_\_\_\_\_ **Checked By:** \_\_\_\_\_  
 TA TA



**Sheet No.:** \_\_\_\_\_



**Plant List**

Symbol	Plant Name	Quantity	Notes
⊕	1.5" Caliper Tree	104	
⊕	2.5" Caliper Tree	247	
⊕	3.5" Caliper Tree	247	
⊕	4.5" Caliper Tree	21	
⊕	5.5" Caliper Tree	21	
⊕	6.5" Caliper Tree	21	
⊕	7.5" Caliper Tree	21	
⊕	8.5" Caliper Tree	21	
⊕	9.5" Caliper Tree	21	
⊕	10.5" Caliper Tree	21	
⊕	11.5" Caliper Tree	21	
⊕	12.5" Caliper Tree	21	
⊕	13.5" Caliper Tree	21	
⊕	14.5" Caliper Tree	21	
⊕	15.5" Caliper Tree	21	
⊕	16.5" Caliper Tree	21	
⊕	17.5" Caliper Tree	21	
⊕	18.5" Caliper Tree	21	
⊕	19.5" Caliper Tree	21	
⊕	20.5" Caliper Tree	21	
⊕	21.5" Caliper Tree	21	
⊕	22.5" Caliper Tree	21	
⊕	23.5" Caliper Tree	21	
⊕	24.5" Caliper Tree	21	
⊕	25.5" Caliper Tree	21	
⊕	26.5" Caliper Tree	21	
⊕	27.5" Caliper Tree	21	
⊕	28.5" Caliper Tree	21	
⊕	29.5" Caliper Tree	21	
⊕	30.5" Caliper Tree	21	
⊕	31.5" Caliper Tree	21	
⊕	32.5" Caliper Tree	21	
⊕	33.5" Caliper Tree	21	
⊕	34.5" Caliper Tree	21	
⊕	35.5" Caliper Tree	21	
⊕	36.5" Caliper Tree	21	
⊕	37.5" Caliper Tree	21	
⊕	38.5" Caliper Tree	21	
⊕	39.5" Caliper Tree	21	
⊕	40.5" Caliper Tree	21	
⊕	41.5" Caliper Tree	21	
⊕	42.5" Caliper Tree	21	
⊕	43.5" Caliper Tree	21	
⊕	44.5" Caliper Tree	21	
⊕	45.5" Caliper Tree	21	
⊕	46.5" Caliper Tree	21	
⊕	47.5" Caliper Tree	21	
⊕	48.5" Caliper Tree	21	
⊕	49.5" Caliper Tree	21	
⊕	50.5" Caliper Tree	21	
⊕	51.5" Caliper Tree	21	
⊕	52.5" Caliper Tree	21	
⊕	53.5" Caliper Tree	21	
⊕	54.5" Caliper Tree	21	
⊕	55.5" Caliper Tree	21	
⊕	56.5" Caliper Tree	21	
⊕	57.5" Caliper Tree	21	
⊕	58.5" Caliper Tree	21	
⊕	59.5" Caliper Tree	21	
⊕	60.5" Caliper Tree	21	
⊕	61.5" Caliper Tree	21	
⊕	62.5" Caliper Tree	21	
⊕	63.5" Caliper Tree	21	
⊕	64.5" Caliper Tree	21	
⊕	65.5" Caliper Tree	21	
⊕	66.5" Caliper Tree	21	
⊕	67.5" Caliper Tree	21	
⊕	68.5" Caliper Tree	21	
⊕	69.5" Caliper Tree	21	
⊕	70.5" Caliper Tree	21	
⊕	71.5" Caliper Tree	21	
⊕	72.5" Caliper Tree	21	
⊕	73.5" Caliper Tree	21	
⊕	74.5" Caliper Tree	21	
⊕	75.5" Caliper Tree	21	
⊕	76.5" Caliper Tree	21	
⊕	77.5" Caliper Tree	21	
⊕	78.5" Caliper Tree	21	
⊕	79.5" Caliper Tree	21	
⊕	80.5" Caliper Tree	21	
⊕	81.5" Caliper Tree	21	
⊕	82.5" Caliper Tree	21	
⊕	83.5" Caliper Tree	21	
⊕	84.5" Caliper Tree	21	
⊕	85.5" Caliper Tree	21	
⊕	86.5" Caliper Tree	21	
⊕	87.5" Caliper Tree	21	
⊕	88.5" Caliper Tree	21	
⊕	89.5" Caliper Tree	21	
⊕	90.5" Caliper Tree	21	
⊕	91.5" Caliper Tree	21	
⊕	92.5" Caliper Tree	21	
⊕	93.5" Caliper Tree	21	
⊕	94.5" Caliper Tree	21	
⊕	95.5" Caliper Tree	21	
⊕	96.5" Caliper Tree	21	
⊕	97.5" Caliper Tree	21	
⊕	98.5" Caliper Tree	21	
⊕	99.5" Caliper Tree	21	
⊕	100.5" Caliper Tree	21	

**Landscape Summary**

<b>Planting Area</b>	154
Planting Area Required	5.1 Trees (154 / 30)
Trees Provided	9 Trees
<b>Planting Area</b>	11,874 sq. ft.
Landscape Area Required	884 sq. ft. (11,874 / 13.4)
Landscape Area Provided	881 sq. ft.
Trees Provided	24 Trees (881 / 36.7)
<b>Planting Area</b>	5,878 sq. ft.
Planting Area Required	247 Trees (5,878 / 23.8)
Trees Provided	247 Trees
<b>Planting Area</b>	230
Planting Area Required	14 Trees (230 / 16)
Trees Provided	14 Trees
<b>Planting Area</b>	140 sq. ft.
Planting Area Required	14 Trees (140 / 10)
Trees Provided	21 Trees (140 / 6.7)
<b>Planting Area</b>	910 Trees (1,820 / 2)
Planting Area Required	285 Trees (1,820 / 6.4)
Trees Provided	410 Trees (1,820 / 4.4)
<b>Planting Area</b>	310 Trees (1,550 / 5)
Planting Area Required	108 Trees (216 / 2)
Trees Provided	1,732 Trees (216 / 0.125)
<b>Planting Area</b>	238 + 32" Trees (238)
Planting Area Required	187,800 (238 x 800)





Seal:



Title:  
**Landscape Plan**

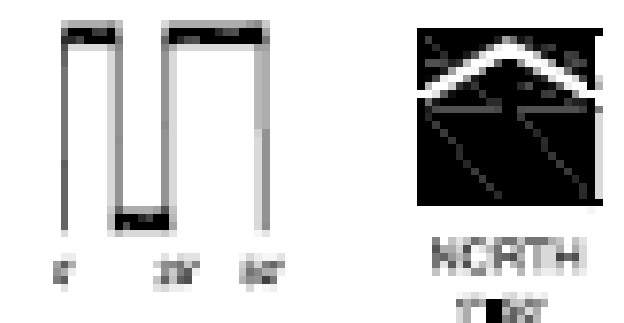
Project:  
**North Sky  
Ann Arbor, Michigan**

Prepared for:  
Trowbridge Homes  
2617 Beaman Hill Dr.  
Ann Arbor MI 48106

Revision:	Issued:
Revised	September 17, 2014
Revised	September 24, 2014
Revised	January 16, 2015
Revised	March 3, 2015
Revised	April 20, 2015
Revised	July 16, 2015
Revised	August 17, 2015
Revised	August 27, 2015

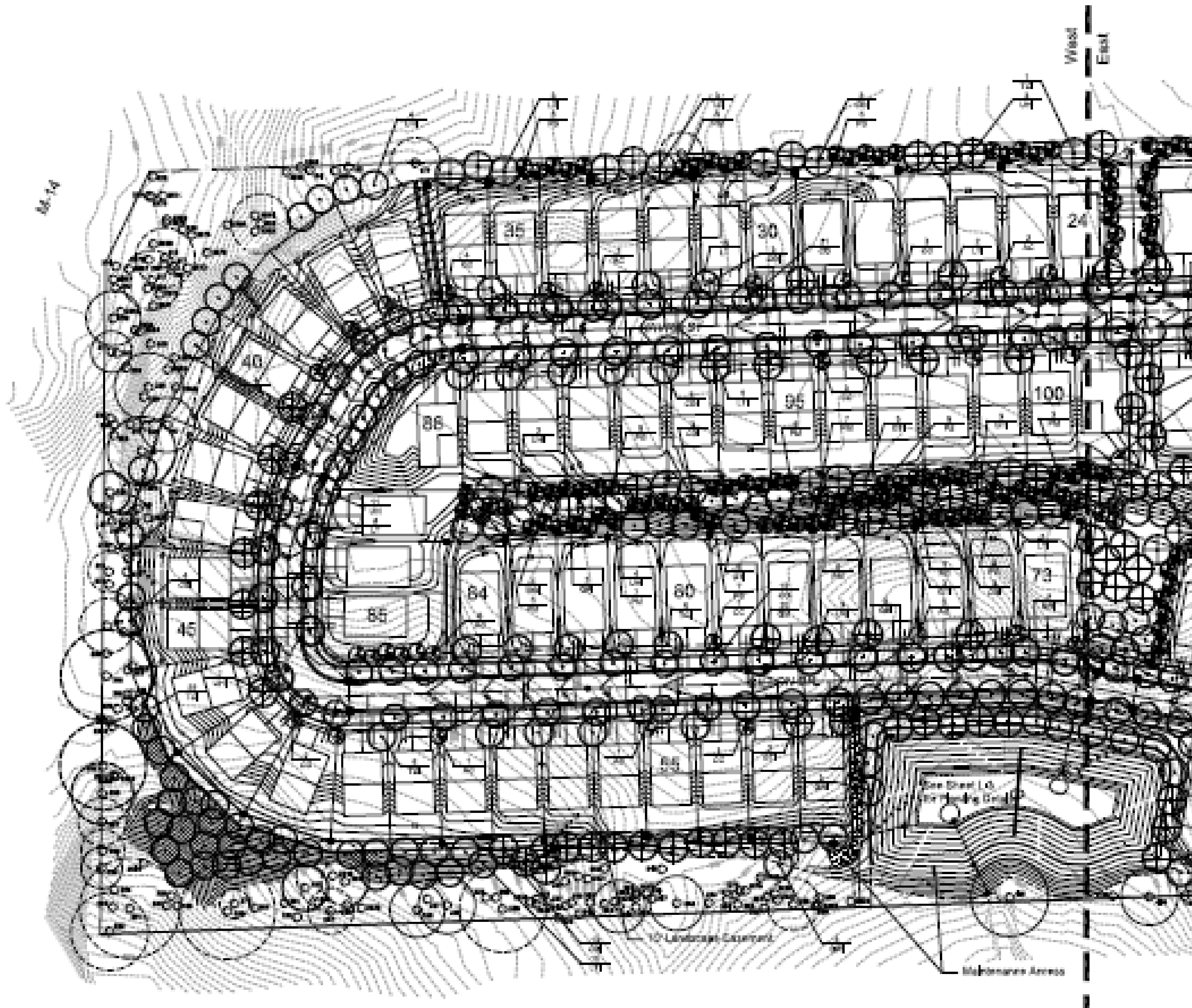
Job Number:  
14001

Drawn By: SA Checked By: JA



Sheet No.

L-2



SA PA Fence  
10' Landscape Easement

**Plant List**

Plant	Quantity	Plant Name	Size	Notes
101	10	Small Tree	12"	See Notes
102	10	Small Tree	12"	See Notes
103	10	Small Tree	12"	See Notes
104	10	Small Tree	12"	See Notes
105	10	Small Tree	12"	See Notes
106	10	Small Tree	12"	See Notes
107	10	Small Tree	12"	See Notes
108	10	Small Tree	12"	See Notes
109	10	Small Tree	12"	See Notes
110	10	Small Tree	12"	See Notes
111	10	Small Tree	12"	See Notes
112	10	Small Tree	12"	See Notes
113	10	Small Tree	12"	See Notes
114	10	Small Tree	12"	See Notes
115	10	Small Tree	12"	See Notes
116	10	Small Tree	12"	See Notes
117	10	Small Tree	12"	See Notes
118	10	Small Tree	12"	See Notes
119	10	Small Tree	12"	See Notes
120	10	Small Tree	12"	See Notes
121	10	Small Tree	12"	See Notes
122	10	Small Tree	12"	See Notes
123	10	Small Tree	12"	See Notes
124	10	Small Tree	12"	See Notes
125	10	Small Tree	12"	See Notes
126	10	Small Tree	12"	See Notes
127	10	Small Tree	12"	See Notes
128	10	Small Tree	12"	See Notes
129	10	Small Tree	12"	See Notes
130	10	Small Tree	12"	See Notes
131	10	Small Tree	12"	See Notes
132	10	Small Tree	12"	See Notes
133	10	Small Tree	12"	See Notes
134	10	Small Tree	12"	See Notes
135	10	Small Tree	12"	See Notes
136	10	Small Tree	12"	See Notes
137	10	Small Tree	12"	See Notes
138	10	Small Tree	12"	See Notes
139	10	Small Tree	12"	See Notes
140	10	Small Tree	12"	See Notes
141	10	Small Tree	12"	See Notes
142	10	Small Tree	12"	See Notes
143	10	Small Tree	12"	See Notes
144	10	Small Tree	12"	See Notes
145	10	Small Tree	12"	See Notes
146	10	Small Tree	12"	See Notes
147	10	Small Tree	12"	See Notes
148	10	Small Tree	12"	See Notes
149	10	Small Tree	12"	See Notes
150	10	Small Tree	12"	See Notes
151	10	Small Tree	12"	See Notes
152	10	Small Tree	12"	See Notes
153	10	Small Tree	12"	See Notes
154	10	Small Tree	12"	See Notes
155	10	Small Tree	12"	See Notes
156	10	Small Tree	12"	See Notes
157	10	Small Tree	12"	See Notes
158	10	Small Tree	12"	See Notes
159	10	Small Tree	12"	See Notes
160	10	Small Tree	12"	See Notes
161	10	Small Tree	12"	See Notes
162	10	Small Tree	12"	See Notes
163	10	Small Tree	12"	See Notes
164	10	Small Tree	12"	See Notes
165	10	Small Tree	12"	See Notes
166	10	Small Tree	12"	See Notes
167	10	Small Tree	12"	See Notes
168	10	Small Tree	12"	See Notes
169	10	Small Tree	12"	See Notes
170	10	Small Tree	12"	See Notes
171	10	Small Tree	12"	See Notes
172	10	Small Tree	12"	See Notes
173	10	Small Tree	12"	See Notes
174	10	Small Tree	12"	See Notes
175	10	Small Tree	12"	See Notes
176	10	Small Tree	12"	See Notes
177	10	Small Tree	12"	See Notes
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181	10	Small Tree	12"	See Notes
182	10	Small Tree	12"	See Notes
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185	10	Small Tree	12"	See Notes
186	10	Small Tree	12"	See Notes
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190	10	Small Tree	12"	See Notes
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193	10	Small Tree	12"	See Notes
194	10	Small Tree	12"	See Notes
195	10	Small Tree	12"	See Notes
196	10	Small Tree	12"	See Notes
197	10	Small Tree	12"	See Notes
198	10	Small Tree	12"	See Notes
199	10	Small Tree	12"	See Notes
200	10	Small Tree	12"	See Notes

- UTILITY BOXES ARE UNKNOWN AT THIS TIME. ONCE THE BOX LOCATIONS ARE KNOWN THEY WILL BE SCREENED ON A 30" GRID.
- ALL DISTURBED AREAS TO BE SOE OR SEED.
- ALL LANDSCAPE AREAS SHALL BE PERMANENT.
- SOE/S SHALL BE STORED IN BAGS PLACED ALONG STREETS. STORAGE SHALL NOT INCLUDE DETENTION AREAS OR LANDSCAPED AREAS.
- THE STREET TREE ESCROW MUST BE PAID PRIOR TO ISSUING BUILDING PERMITS. CHECKS ARE TO MADE PAYABLE TO CITY OF ANN ARBOR AND MAILED TO SYSTEMS PLANNING UNIT, 321 E. HURON ST., PO BOX 3847, ANN ARBOR, MI 48107-3847 - ATTN: BERRY GRAY. PLEASE INCLUDE THE PROJECT NAME AND PROJECT NUMBER ON THE CHECK.
- TREES SHALL BE PLANTED 2' FROM UTILITY LEADS.

