



500 West Big Beaver  
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## **PLANNING COMMISSION MEETING AGENDA REGULAR MEETING**

Tom Krent, Chairman, David Lambert, Vice Chairman  
Ollie Apahidean, Karen Crusse, Carlton Faison, Marianna Perakis,  
Michael W. Hutson, Sadek Rahman and John J. Tagle

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**February 25, 2020**

**7:00 P.M.**

**Council Boardroom**

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1. ROLL CALL
2. APPROVAL OF AGENDA
3. APPROVAL OF MINUTES – February 11, 2020
4. PUBLIC COMMENT – For Items Not on the Agenda

### **OTHER BUSINESS**

5. ZONING ORDINANCE TEXT AMENDMENT (File Number ZOTA 254) – Cluster Square Footage
6. PUBLIC COMMENT – Items on Current Agenda
7. PLANNING COMMISSION COMMENT
8. ADJOURN

**NOTICE:** *People with disabilities needing accommodations for effective participation in this meeting should contact the City Clerk by e-mail at [clerk@troymi.gov](mailto:clerk@troymi.gov) or by calling (248) 524-3317 at least two working days in advance of the meeting. An attempt will be made to make reasonable accommodations.*

Vice Chair Lambert called the Regular meeting of the Troy City Planning Commission to order at 7:00 p.m. on February 11, 2020 in the Council Chamber of the Troy City Hall.

1. ROLL CALL

Present:

Ollie Apahidean  
Karen Crusse  
Carlton M. Faison  
David Lambert  
Marianna Perakis  
Sadek Rahman  
John J. Tagle

Absent:

Michael W. Hutson  
Tom Krent

Also Present:

R. Brent Savidant, Community Development Director  
Ben Carlisle, Carlisle Wortman Associates  
Julie Quinlan Dufrane, Assistant City Attorney  
Jackie Ferencz, Planning Department Administrative Assistant  
Kathy L. Czarnecki, Recording Secretary

2. APPROVAL OF AGENDA

**Resolution # PC-2020-02-010**

Moved by: Faison  
Support by: Crusse

**RESOLVED**, To approve the Agenda as prepared.

Yes: All present (7)  
Absent: Hutson, Krent

**MOTION CARRIED**

3. APPROVAL OF MINUTES

**Resolution # PC-2020-02-011**

Moved by: Tagle  
Support by: Apahidean

**RESOLVED**, To approve the minutes of the January 28, 2020 Regular meeting as submitted.

Yes: Apahidean, Crusse, Lambert, Perakis, Rahman, Tagle  
Absent: Hutson, Krent  
Abstain: Faison

### **MOTION CARRIED**

#### **4. PUBLIC COMMENT – Items not on the Agenda**

There was no one present who wished to speak.

### **PUBLIC HEARINGS**

#### **5. PUBLIC HEARING - SPECIAL USE REQUEST (File Number SU2019-0044) – Proposed Korean United Methodist Church of Troy Parking Lot Expansion, West side of Dequindre, South of Square Lake (42693 Dequindre), Section 27, Zoned R-1C (One Family Residential) District**

Mr. Tagle disclosed the church retained his firm for architectural services several years ago. He said he has no financial interest in the application before the Commission this evening.

It was the consensus of the Board there is no reason for Mr. Tagle to recuse himself.

Mr. Carlisle stated the Special Use and Preliminary Site Plan application includes site improvements to the parking lot, landscaping and lighting. He indicated the applicant proposes no physical changes to the building.

Mr. Carlisle explained the Special Use Approval is required because the proposed additional parking exceeds 20% of the parking requirement. He reported the site will exceed the required parking requirement by 59% with the proposed additional parking. Mr. Carlisle noted that as part of the Special Use consideration, the Planning Commission can put reasonable conditions upon the parking lot expansion such as the use of pervious paving.

Mr. Carlisle reported the photometrics plan complies with all the requirements of the Zoning Ordinance. In addressing the landscaping, he asked the Planning Commission to consider requiring the applicant to add interior parking lot landscaping to break up the parking area. Mr. Carlisle said that one (1) tree for every eight (8) parking spaces is required by the Zoning Ordinance. Mr. Carlisle explained the number of existing trees on site meets the requirement of the Zoning Ordinance, but the trees are on the exterior of the parking lot and not within the parking lot itself.

Mr. Carlisle recommended the Planning Commission hold a Public Hearing and discuss the need for additional parking to accommodate the church use on a typical day. He said if the Planning Commission is satisfied that the additional parking is necessary and the Special Use Standards are met, he recommends Special Use Approval with a

condition to add interior parking lot landscaping to break the long expanses of parking spaces.

Present were John Dell'Isola of Professional Engineering Associates and Timothy Yu of Korean United Methodist Church.

Mr. Dell'Isola asked the Board's consideration to not impose pervious paving on site because of the prohibitive expense on behalf of the church for installation and maintenance.

Mr. Yu addressed the size and growth of the congregation. Mr. Yu said the additional parking would ease traffic congestion on Sundays that result from the transition of vehicles coming and going to attend the various services offered. He referenced his email communication to the Planning Department that provides a detailed explanation for the request for additional parking.

Mr. Savidant confirmed the email communication is inclusive of the Agenda packet provided to the Board.

#### PUBLIC HEARING OPENED

There was no one present who wished to speak.

#### PUBLIC HEARING CLOSED

There was discussion on:

- Other worship facilities that exceed parking requirements.
- Pervious paving; i.e., grass pavers.
- Requirement of interior parking lot trees; best planning practices as relates to environment, stormwater management, aesthetics.
- Calculations of number of interior trees required.
- Right by Planning Commission to waive requirement of interior parking lot trees.
- Layout of parking lot; potential to maximize the loss of parking spaces.
- Timing of Sunday services to alleviate traffic congestion.
- Public Hearing notices; confirmed residential homes adjacent to ballfield were notified.

#### **Resolution # PC-2020-02-012**

Moved by: Faison

Support by: Rahman

**RESOLVED**, That Special Use Approval and Preliminary Site Plan Approval for the proposed Korean United Methodist Church of Troy Parking Lot Expansion, West side of Dequindre, South of Square Lake (42693 Dequindre), Section 27, Zoned R-1C (One Family Residential) District, be granted, subject to the following condition:



1. Add interior parking lot landscaping, 18 trees, to break the long expanses of parking spaces.

Yes: Apahidean, Faison, Lambert, Perakis, Rahman  
No: Crusse, Tagle  
Absent: Hutson, Krent

## **MOTION CARRIED**

### **SITE PLAN APPROVAL**

6. PUBLIC HEARING - SPECIAL USE REQUEST (File Number SP2020-0001) – Proposed Long Lake Shell Addition, Southwest corner of Long Lake and Dequindre, Section 13, Currently Zoned NN (Neighborhood Node J”) District

Mr. Carlisle stated the Planning Commission would take no action on the Special Use Request this evening because the applicant must seek a variance from the Zoning Board of Appeals. He indicated the variance sought by the applicant relates to the required setback along the western (rear) property line. The applicant is seeking an expansion to an existing non-conforming building.

Mr. Carlisle said the reinvestment in the site with the proposed façade and landscaping improvements is significant. Mr. Carlisle identified site plan issues relating to outdoor storage, parked cars in alley area, number of parking spaces, trash storage and removal, parking lot screening, blocking alley area, blocking access to/from Dequindre and intent of the proposed waiting area.

Mr. Carlisle expressed support of the reinvestment in the site. He recommended the Planning Commission hold a Public Hearing, consider public testimony, and postpone action for the application to be considered by the Zoning Board of Appeals. Mr. Carlisle asked the applicant to address the number of outstanding issues identified in his report dated February 6, 2020 and to amend the site plan accordingly.

Present were project architect Art Kalajian and owner Sam Askar.

Mr. Kalajian distributed to the Board revised plans based on comments in the Planning Consultant report. He addressed:

- Alley area parking; vehicular maneuvering for repair work, trash removal.
- Trash removal; existing dumpster on site.
- Clean-up of outdoor storage.
- Convenience store expansion; accommodate range of products.
- Waiting area; for repair center clients, similar to dealership service area.
- Office space; 300 square feet, remainder square footage to be used for light storage.
- Calculation of required number of parking spaces as relates to square footage of office space.
- Parking requirement; number, configuration of spaces, compact car spaces.
- Bike rack; incorporated on site plan.

- Landscaping; planters, masonry wall on Dequindre in lieu of landscaping.
- Calculations of open space as relates to non-conformity.
- Recessed lighting.
- Entrance.
- Building materials; renderings.

Mr. Askar said the service station offers minor auto repairs such as oil changes, brake service and tire repair. He addressed trash removal, landscaping, office use, outdoor storage, parking and waiting area. He said there has never been a parking concern except for the line that forms for the free air. Mr. Askar referenced the submission of signatures in support of the proposed site improvements.

#### PUBLIC HEARING OPENED

Mark Deagle, 2866 English; spoke in support of the improvements, expressed high regard for the owner.

#### PUBLIC HEARING CLOSED

There was discussion on:

- Variance request to expand building; legal non-conforming structure.
- Existing dumpster on site; location, no enclosure.
- Building height of addition.
- Shared parking with adjacent retail.
- Parking in alley area; operable vehicles or vehicles in repair, not included in parking space calculations, screening.
- Vehicular circulation; blocking, visibility.
- Parking requirement; calculations of number required, compact cars.
- Occupancy calculations; building code, relates to occupancy.

Mr. Savidant informed the Board his department has received no complaints about the proprietorship of the property, how it is managed, or concerns with parking in the alley area.

Mr. Carlisle said he would do a recalculation of the number of required parking spaces. He noted his concern is viable parking spaces for repair service and dedicated spaces for customers. He asked the applicant to provide additional information on the dumpster and trash removal to assist in his determination.

#### **OTHER BUSINESS**

#### 7. PUBLIC COMMENT

There was no one present who wished to speak.

8. PLANNING COMMISSION COMMENT

There were general Planning Commission comments.

Mr. Savidant reported on the following items considered by City Council at their February 10, 2020 Regular meeting.

- Rezoning Request for Clearview Homes, Southwest Corner of Rochester and DeEtta, from R-1B (One Family Residential) to O (Office); *Approved 6-0.*
- Rezoning Request for Sylvanwood Court RT Development, Northwest Corner of Rochester and Sylvanwood, from R-1C (One Family Residential) to RT (One Family Attached Residential), *Denied 6-0.*

The Regular meeting of the Planning Commission adjourned at 8:45 p.m.

Respectfully submitted,

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David Lambert, Vice Chair

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Kathy L. Czarnecki, Recording Secretary

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DATE: February 17, 2020

TO: Planning Commission

FROM: R. Brent Savidant, Community Development Director

SUBJECT: ZONING ORDINANCE TEXT AMENDMENT (File Number ZOTA 254) – Cluster Square Footage

This item was initiated by Staff based on conversations with the Planning Commission and developers. The One Family Cluster Option incentivizes expanding a variety of housing types in the City via construction of smaller homes that suitable for empty nesters and retirees. Developers have indicated that the maximum 1,500 square foot requirement is too restrictive and is a barrier to providing smaller homes.

The attached report summarizes the issue. The proposed text amendment involves simply raising the minimum square footage from 1,500 square feet to 1,700 square feet.

A Public Hearing was held for this item on December 10, 2019 and postponed the item. Two developers have provided input on this item, suggesting that raising the maximum square footage to 1,900 square feet per unit would incentivize the construction of more smaller units.

Attachments:

1. Draft text amendment.
2. Memo prepared by Carlisle/Wortman Associates, Inc., dated October 15, 2019.
3. Minutes from October 15, 2019 (excerpt).
4. Input from Randy Najjar, Sapphire Luxury Homes.
5. Input from Tim Loughrin, Robertson Brothers

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CITY OF TROY  
AN ORDINANCE TO AMEND  
CHAPTER 39 OF THE CODE  
OF THE CITY OF TROY  
CITY COUNCIL PUBLIC HEARING DRAFT

The City of Troy ordains:

Section 1. Short Title

This Ordinance shall be known and may be cited as an amendment to Chapter 39, Zoning Ordinance, of the Code of the City of Troy.

Section 2. Amendment

Chapter 39 of the Code of the City of Troy is amended as follows:

**Revise Section 10.04.H.2 to read as follows:**

2. Housing Diversity and Options. A bonus above the base yield number of units established in 10.04.C.1 may be provided for a development that provides a diverse variety of housing types or provides a type of housing that is desired, but not currently offered in the city. The following requirements shall be met for the all bonus unit in excess of the base yield number of units:
  - a. Maximum home square footage shall not exceed ~~4,500~~ 1,900 sq/ft; and
  - b. Master first floor bedroom and bathroom shall be provided; and

Section 3. Savings

All proceedings pending, and all rights and liabilities existing, acquired or incurred, at the time this Ordinance takes effect, are hereby saved. Such proceedings may be consummated under and according to the ordinance in force at the time such proceedings were commenced. This ordinance shall not be construed to alter, affect, or abate any pending prosecution, or prevent prosecution hereafter instituted under any ordinance specifically or impliedly repealed or amended by this ordinance adopting this penal regulation, for offenses committed prior to the effective date of this ordinance; and new prosecutions may be instituted and all prosecutions pending at the effective date of this ordinance may be continued, for offenses committed prior to the effective date of this ordinance, under and in accordance with the provisions of any ordinance in force at the time of the commission of such offense.

#### Section 4. Severability Clause

Should any word, phrase, sentence, paragraph or section of this Ordinance be held invalid or unconstitutional, the remaining provision of this ordinance shall remain in full force and effect.

#### Section 5. Effective Date

This amendment to the Zoning Ordinance shall take effect seven (7) days after publication, which shall be published within 15 days of adoption, as required the Michigan Zoning Enabling Act (Act 110 of 2006).

This Ordinance is enacted by the Council of the City of Troy, Oakland County, Michigan, at a regular meeting of the City Council held at City Hall, 500 W. Big Beaver, Troy, MI, on the \_\_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
Ethan Baker, Mayor

\_\_\_\_\_  
Aileen Dickson, City Clerk



**Carlisle | Wortman**  
ASSOCIATES, INC.

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

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**MEMORANDUM**

**TO:** City of Troy Planning Commission  
Mark Miller, AICP, City Manager  
R. Brent Savidant, AICP, Planning Director

**FROM:** Benjamin R. Carlisle, AICP

**DATE:** October 15, 2019

**RE:** Transitions and Increasing Square Footage Cap in a Cluster Development

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The Planning Commission has recently held discussions regarding two potential zoning amendments to address ongoing topics: 1. Transitions, particularly adjacent to single family residential; and 2). Increasing the maximum square footage cap to qualify for a density bonus in the cluster development option.

**1. Transitions**

The Planning Commission recently discussed transitions and frictions points between intense uses adjacent to single-family uses. At that meeting a number of options were presented for the Planning Commission to consider. The direction of the Planning Commission was to consider zoning amendments to ensure an appropriate intensity, height, and bulk transition between areas of potential friction. Due to the uniqueness of Big Beaver zoning, we recommend that right now we only focus on Neighborhood Nodes.

Based upon the direction from the Planning Commission, we offer the following amendments for consideration. These amendments would only apply to Neighborhood Nodes.

Development height, setback, and greenbelt provisions for any non-single family development in Neighborhood Nodes.

**1. Height:**

- a. *Any building, or portion of a building, on a parcel abutting a one-family residentially zoned parcel shall not exceed 2.5-stories, 30 feet in height.*
- b. *Any building, or portion of a building, on a parcel that is not abutting a one-family residentially zoned parcel shall not exceed 3-stories, 38 feet in height.*

## **2. Setback and Greenbelt:**

- a. *When a parcel is abutting a one-family residential zoned parcel the building setback from the property line of the one-family residential zoned parcel shall be no less than the height of the proposed building or twenty (20) feet, whichever is greater.*
- b. *When a parcel is abutting a one-family residential zoned parcel a minimum 20-foot landscaped greenbelt shall be maintained from the property line of the one-family residential zoned parcel. The greenbelt shall be landscaped and screened in accordance with 13.02.B.*
- c. *The Planning Commission may deviate from these setback and greenbelt provisions in the course of its site plan review process; however, the Planning Commission shall not permit a setback or greenbelt that is less than required in the building form or Section 13.02.B. In the review of the deviation, the Planning Commission shall consider the following standards:*
  - i. *The deviation will not adversely impact public health, safety, and welfare.*
  - ii. *The deviation maintains compatibility with adjacent uses.*
  - iii. *The deviation is compatible with the Master Plan and in accordance with the goals and objectives of the Master Plan and any associated subarea and corridor plans.*
  - iv. *The deviation will not adversely impact essential public facilities and services, such as: streets, pedestrian or bicycle facilities, police and fire protection, drainage systems, refuse disposal, water and sewage facilities, and schools.*
  - v. *The deviation will be in compliance with all other zoning ordinance standards.*
  - vi. *The deviation will not adversely impact any on-site or off-site natural features.*

## **2. Housing Diversity and Options**

The Planning Commission has questioned why the development community has not taken advantage of the housing diversity and option density bonus for smaller homes. Input from the development community notes that 1,500 sq/ft is too small to consider construction even with the associated density bonus. The Planning Commission has been told that a slight increase to 1,700 sq/ft would greatly assist in utilizing the density bonus. As such, we have proposed revised language to increase the maximum size to receive the density bonus from 1,500 to 1,700 sq/ft.

Revised Language:

*Housing Diversity and Options. A bonus above the base yield number of units established in 10.04.C.1 may be provided for a development that provides a diverse variety of housing types or*



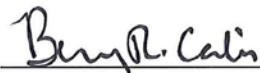
*provides a type of housing that is desired, but not currently offered in the city. The following requirements shall be met for the all bonus unit in excess of the base yield number of units:*

- a. Maximum home square footage shall not exceed ~~1,500~~ 1,700 sq/ft; and*
- b. Master first floor bedroom and bathroom shall be provided.*

Based upon discussion and direction of the Planning Commission, we can put this in ordinance form and prepare for a public hearing.

I look forward to discussing this further.

Sincerely,



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

**PUBLIC HEARINGS****8. PUBLIC HEARING – ZONING ORDINANCE TEXT AMENDMENT (File Number ZOTA 254)  
– Cluster Square Footage**

Mr. Savidant reviewed the discussion on the proposed text amendment to raise the minimum square footage from 1,500 square feet to 1,700 square feet as an incentive to developers to construct smaller homes within the cluster development option.

Tim Loughrin of Robertson Brothers was present. He offered a practitioner's perspective on the demand of home construction for empty nesters and retirees. He addressed competition among developers, economics, market demand and cost per unit for home construction. Mr. Loughrin gave an overview of the charts he prepared that were inclusive of the agenda packet and suggested a higher minimum square footage, such as 1,800 or 1,900 square feet, would be more practical for home builders and better serve market demand.

There was discussion on raising the minimum square footage higher than the proposed 1,700 square feet.

**PUBLIC HEARING OPENED**

There was no one present who wished to speak.

**PUBLIC HEARING CLOSED**

Discussion continued on what limit to set the minimum square footage.

**Resolution # PC-2019-12-088**

Moved by: Krent

Support by: Rahman

**RESOLVED**, To postpone the proposed Zoning Ordinance Text Amendment relating to Cluster Square Footage to allow staff an opportunity to come up with a more creative solution for the minimum square footage limit.

Yes: Apahidean, Crusse, Faison, Hutson, Krent, Lambert, Rahman, Tagle

No: Fowler

**MOTION CARRIED**



Dear Mr. Savidant,

As you know, Sapphire Luxury Homes has enjoyed building luxury, first-class homes within the City of Troy over the past several years. In doing so, Sapphire has studied the needs of the residents of the City and has watched closely as the City of Troy has considered an amendment to the cluster ordinance text. Although most of the homes constructed by Sapphire range in size from 3,000 sq. ft. to 6,000 sq. ft., there is an undeniable trend among some residents in Troy and other local municipalities to live in smaller homes.

To that end, we have reviewed a number of sites and the cost associated with development where the current ordinance provides for the maximum 1500 square-foot home. We paid particular attention as the City took up this matter at the Planning Commission meeting in December, and the discussion of what appropriate square footage should be added to allow for the smaller footprint, but still allowing overall construction to proceed at a reasonable cost. We are of the opinion that, and encourage the City to consider, a 1900 square-foot maximum size in amending the cluster ordinance text.

I am happy to discuss this matter further with you at your convenience, and look forward to the City moving forward with the previously-tables amendment to the ordinance.

Respectfully,

Randy Najjar, President  
Sapphire Luxury Homes  
02/11/2020



November 21, 2019

Mr. Brent Savidant  
City of Troy Community Development Director  
500 W Big Beaver Road  
Troy, MI 48084

**Re: Cluster Ordinance Text Amendment**

Mr. Savidant:

It is Robertson's understanding that the City will be considering a text amendment to its Zoning Ordinance relating to the maximum square footage permitted for homes that qualify for a density bonus under the One-Family Cluster Development Option. Our understanding is that the maximum livable square footage may increase to 1,700 square feet from 1,500 square feet under Section 10.04.H.2.a. We applaud this direction as we believe there is an underserved market for those that want to stay in the City of Troy and downsize into a new, first-floor master bedroom home.

In considering the request, we would encourage the City to increase the maximum size of detached units to 1,900 square feet, as we believe the market conditions are such that this is a more appropriate size to justify the high costs to acquire and develop land in the City. In addition, our data indicates that the typical existing homeowner in Troy that would be an ideal buyer for this type of housing would be downsizing from a much larger home (2,800+ square feet), and our experience shows that they are looking for slightly more space than what 1,700 square feet provides.

Our organization would be highly interested in introducing a first-floor detached condominium home option similar to developments we are building in surrounding areas, namely Mill Ridge of Northville, and our Brewster Village community to be constructed next year in Rochester Hills. We believe keeping



residents in the City of Troy, while freeing up existing Colonial style housing for new residents to take advantage of the Troy School District, is a worthy endeavor to undertake. Increasing the maximum square footage for these home types is a critical component to doing just that.

Thank you.

Respectfully,

A handwritten signature in blue ink, appearing to read 'Tim Loughrin'.

**Tim Loughrin | Director of Land Acquisition**

Robertson Brothers Homes

6905 Telegraph Rd, Suite 200, Bloomfield Hills, MI 48301

Direct Dial: 248.282.1428 | Mobile: 248.752.7402

[tloughrin@robertsonhomes.com](mailto:tloughrin@robertsonhomes.com)

**From:** [Tim Loughrin](#)  
**To:** [Brent Savidant](#)  
**Subject:** Mill Ridge and Brewster Village Projects  
**Date:** Wednesday, November 27, 2019 3:51:21 PM  
**Attachments:** [image001.jpg](#)  
[image003.jpg](#)  
[Mill Ridge Raleigh Elevations.pdf](#)  
[Raleigh Floor Plan.pdf](#)  
[Phase 1 and 2 Site Plan 11-13-19.pdf](#)  
[2019.01.24 Illustrative Site Plan.pdf](#)

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Hi Brent. Per our conversation, the link below is to our Mill Ridge of Northville community, which we have recently repositioned from duplex homes to a more desirable detached condominium, at 1,834 square feet. These are all first floor master homes and we have received very good feedback from prospective buyers on the design and layout. I believe this would be a very desirable home product in Troy and is one of the justifications we had made for potentially increasing the maximum size to 1,900 square feet for the proposed cluster ordinance revision.

I've attached a pdf of the site plan and elevation drawings, as well as a site plan of a new community named Brewster Village that we will be building in Rochester Hills next Spring, at the corner of Brewster and Walton. This community will use the same Raleigh plan and elevations.

We would be happy to give you and any Commission or Council members a tour of the Northville model if you have any interest in that, just let me know.

<https://www.robertsonhomes.com/communities/northville/mill-ridge-of-northville>

Thanks, and have a Happy Thanksgiving.

**Tim Loughrin | Director of Land Acquisition**

Robertson Brothers Homes | 6905 Telegraph Road, Suite 200 | Bloomfield Hills, MI 48301

Direct: 248.282.1428 | Fax: 248.282.1429 | [www.robertsonhomes.com](http://www.robertsonhomes.com)

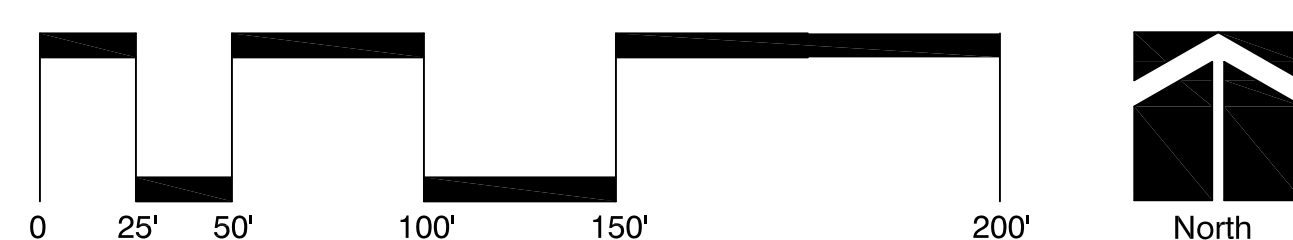




# Mill Ridge of Northville

Northville Township, Michigan

November 2019







**Site Data:**  
Gross Site Area: 7.705 Ac.  
Net Site Area: 7.168 Ac.  
Proposed Units: 30  
Proposed Density: 4.19 Du./Ac.

**Building Setbacks:**  
- Front Yard: 20' (25' to Garage)  
- Building Separation: 20' min.

**Road Width:** 26'

■ sheet title:

Illustrative Site Plan

■ project title:

Brewster Village

City of Rochester Hills, MI

■ prepared for:

Robertson Brothers Homes  
6905 Telegraph Rd. - Suite 200  
Bloomfield Hills, MI 48301

Phone: 248.644.3460

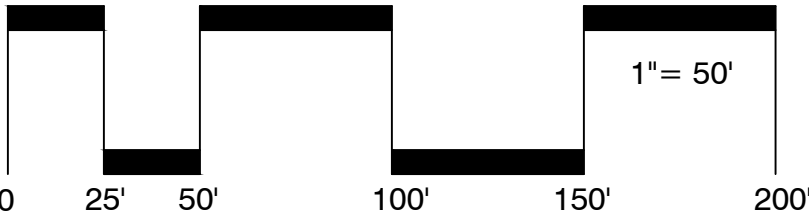
■ job number:	■ date:
17031	11.13.2018
■ drawn by:	■ checked by:
EMJ	WTK



Know what's below.  
Call before you dig.

■ revisions:

01.24.2019	Per Municipal Review







## *Albany Elevation*



RB

ROBERTSON  
BROTHERS  
HOMES

All information herein was accurate at the time of publication. All artist's renderings are for representational purposes only and subject to variances. These variances may include but are not limited to views and exposure to light, finishes for the final product as well as items depicted in the rendering. We reserve the right to make changes in price, specification, or materials, or to change or discontinue models without notice or obligation.







## *Barrington Elevation*



RB

ROBERTSON  
BROTHERS  
HOMES

All information herein was accurate at the time of publication. All artist's renderings are for representational purposes only and subject to variances. These variances may include but are not limited to views and exposure to light, finishes for the final product as well as items depicted in the rendering. We reserve the right to make changes in price, specification, or materials, or to change or discontinue models without notice or obligation.







## *Cranbury Elevation*



RB

ROBERTSON  
BROTHERS  
HOMES

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## *Dorchester Elevation*



RB

ROBERTSON  
BROTHERS  
HOMES

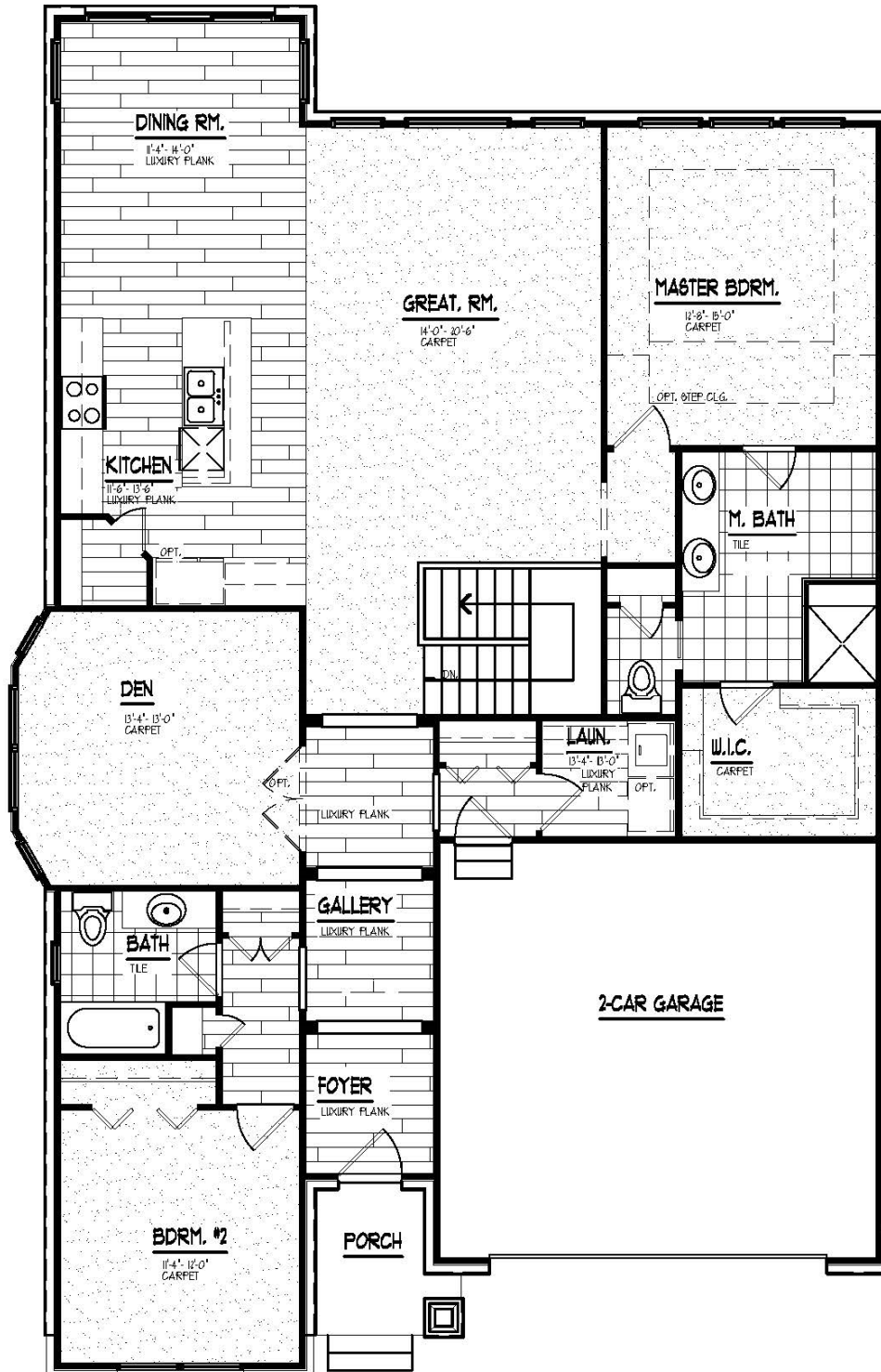
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# Raleigh

1,834 sqft.



RB

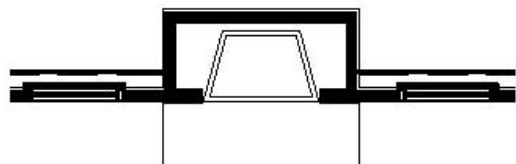
ROBERTSON  
BROTHERS  
HOMES

All information herein was accurate at the time of publication. We reserve the right to make changes in price, specification, or materials, or to change or discontinue models without notice or obligation

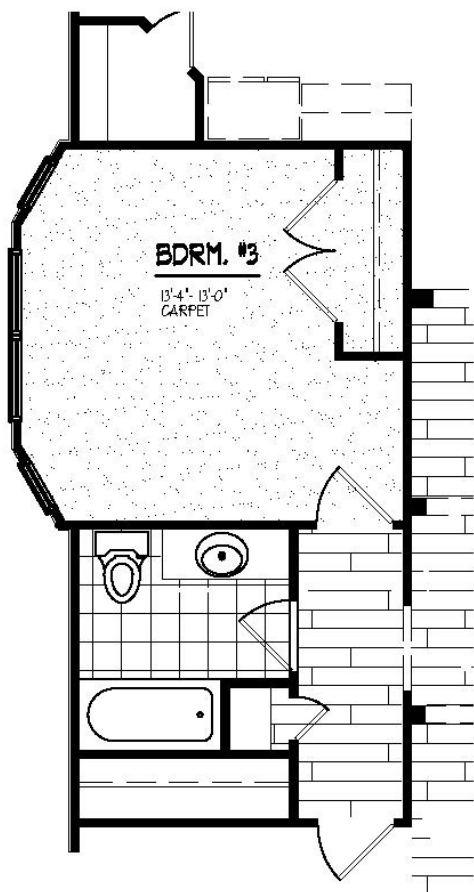
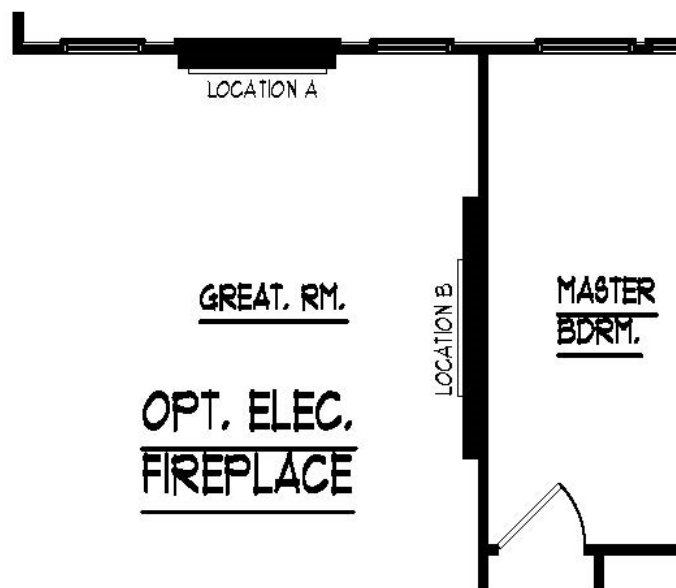




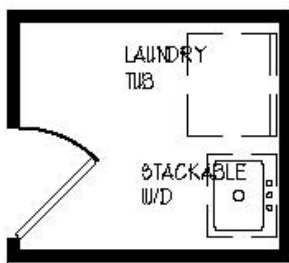
## Raleigh Main Level Options



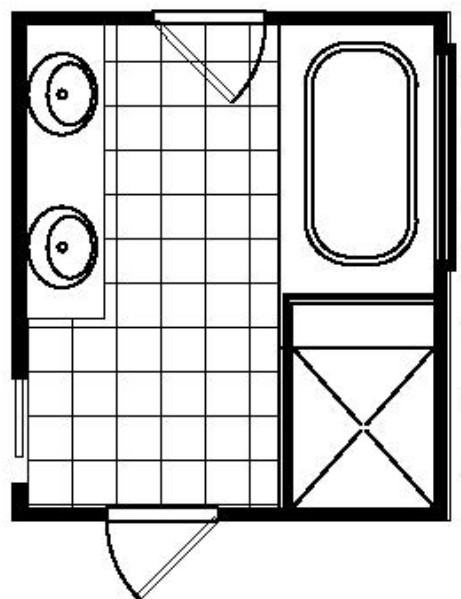
OPT. FIREPLACE



OPT. BEDROOM



OPT. LAUNDRY



OPT. M.BATH

RB

ROBERTSON  
BROTHERS  
HOMES

All information herein was accurate at the time of publication. We reserve the right to make changes in price, specification, or materials, or to change or discontinue models without notice or obligation



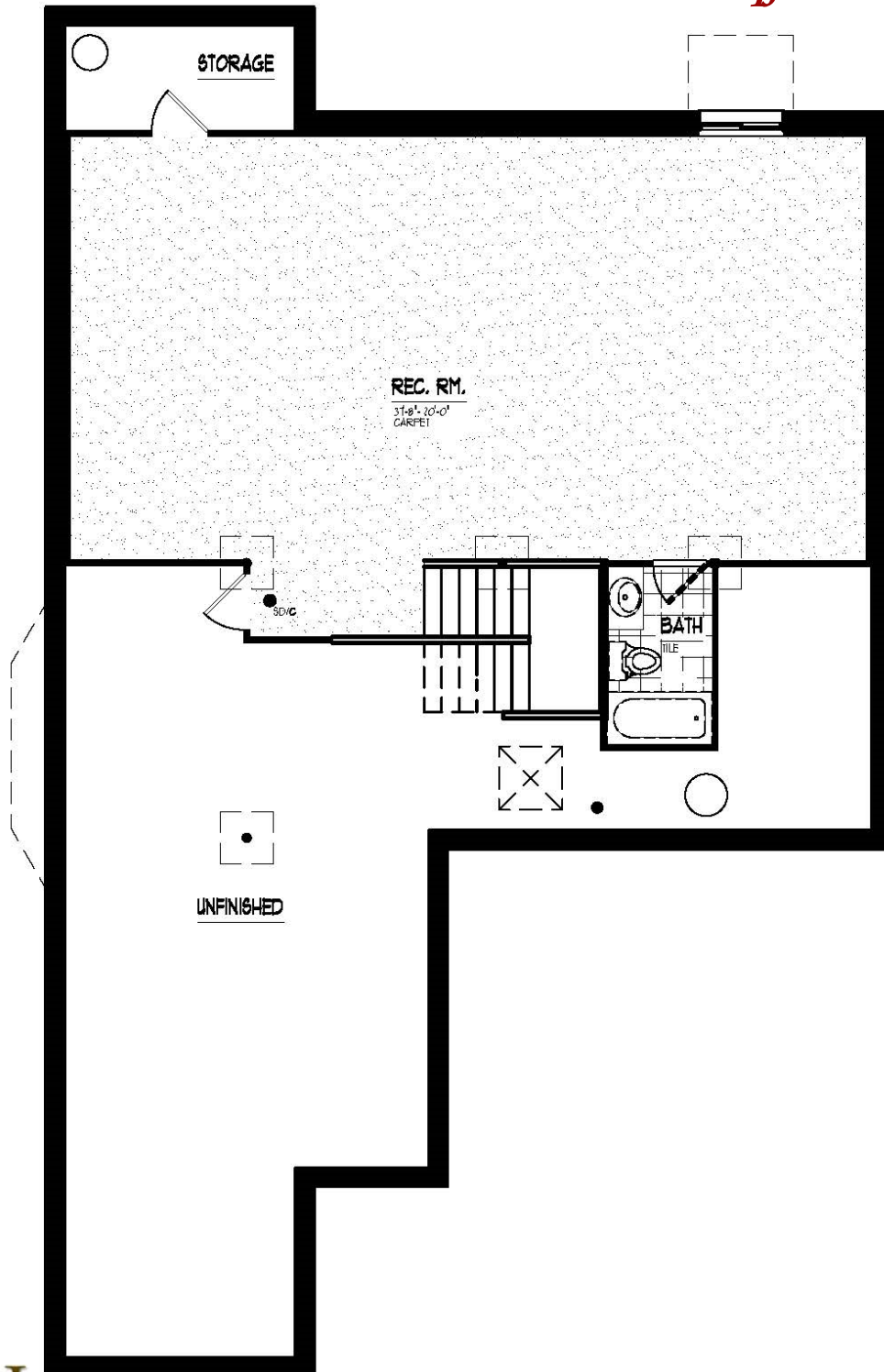




# *Raleigh*

## *Lower Level Option 1*

*936 sqft.*



**RB**

**ROBERTSON**  
BROTHERS  
HOMES

All information herein was accurate at the time of publication. We reserve the right to make changes in price, specification, or materials, or to change or discontinue models without notice or obligation

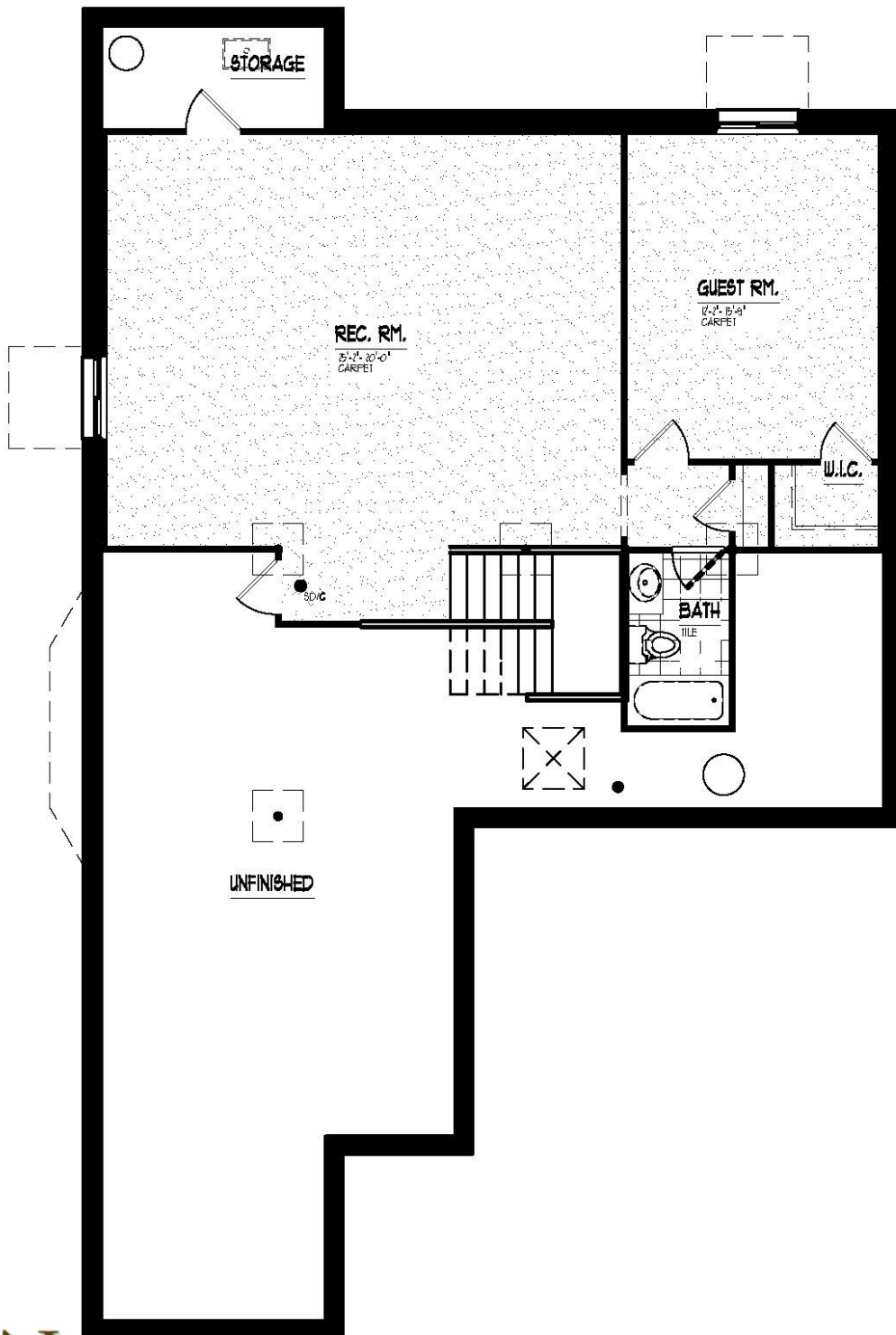




# *Raleigh*

## *Lower Level Option 2*

*936 sqft.*



**RB**

**ROBERTSON**  
BROTHERS  
HOMES

All information herein was accurate at the time of publication. We reserve the right to make changes in price, specification, or materials, or to change or discontinue models without notice or obligation







# *Raleigh Optional Lower Level Wet Bar*



Architecture Level	2 Story
Status	Sold
Property Type	Residential

Row Labels	Average of List Price	Average of Est Fin Abv Grd SqFt	Average of Sq Ft \$	Count of MLS Number
100	\$143,267	1653	\$87.07	3
150	\$188,575	1417	\$143.12	4
200	\$238,527	1772	\$136.26	11
250	\$277,264	1868	\$150.48	61
300	\$332,440	2230	\$151.42	68
350	\$380,118	2428	\$158.12	71
400	\$428,192	2641	\$164.51	53
450	\$477,947	2891	\$166.90	56
500	\$529,709	3173	\$168.27	42
550	\$577,474	3309	\$176.29	19
600	\$624,836	3450	\$182.21	19
650	\$684,563	3637	\$190.99	8
700	\$734,400	3848	\$192.16	7
750	\$783,580	4243	\$186.98	5
800	\$849,900	3700	\$229.70	1
850	\$861,333	3874	\$223.85	3
1000	\$1,075,000	5695	\$188.76	1
<b>Grand Total</b>	<b>\$425,718</b>	<b>2616</b>	<b>\$161.75</b>	<b>432</b>

75% (328 of 432) of traditional colonial sales in the last 12 months

Sale Price \$300,000 to \$600,0000

Average sale price \$478,674

Average Square Foot 2875

Architecture Level	1 Story
Status	Sold
Property Type	Residential
Year Built	(All)

Row Labels	Average of List Price	Average of Est Fin Abv Grd SqFt	Average of Sq Ft \$	Count of MLS Number
50	\$89,000	816	\$108.84	2
100	\$137,783	1103	\$130.06	6
150	\$177,668	1106	\$163.77	37
200	\$228,595	1379	\$170.46	77
250	\$279,206	1547	\$187.53	56
300	\$326,949	1822	\$185.02	41
350	\$374,037	1942	\$196.27	30
400	\$430,300	2260	\$193.71	11
450	\$475,775	2372	\$202.32	8
650	\$659,900	3922	\$168.26	1
<b>Grand Total</b>	<b>\$277,476</b>	<b>1571</b>	<b>\$178.72</b>	<b>269</b>

33 % (90 of 269) Ranch homes sold in the last 12 months fell in this range

Sale price \$300,000 to \$600,0000

Average sales price \$401,765

Average Square Footage 2099