TABLE OF CONTENTS

- 1 PROJECT BACKGROUND AN TIME LINE
- 2 SITE CONTEXT
- 3 LAND USE APPLICATION
- **4 ENGAGEMENT SUMMARY**
- 5 THE SEARCH FOR THE MISSING MIDDLE
- **6 TYPICAL BUILDER TYPOLOGIES**
- 7 BASEMENT AND GARAGE SUITE SOLUTIONS TO DENSIFICATION
- 8 A NEW SOLUTION TO DENSITY
- 9 BUILDING MASSING
- 10 LANDSCAPE PLAN
- 11 DESIGN PRINCIPLES
- 12 URBAN DESIGN ACTIVATING THE STREET AND THE AVENUE
- 13 MATERIALS
- 14 RENDERS
- 15 FLOOR PLANS
- 16 STREETSCAPE

Project Background + Timeline

Background

The property owners of 438 8 Street & 230 7A Street NE have submitted applications to rezone their parcels to allow for the development of family-oriented townhouses (4 units on each parcels).

438 8 Street is currently designated Residential Contextual One/Two Dwelling District (R-C2) and 230
7A Street is designated with the recently approved
main streets Direct Control District (DC). The
proposed land use district of both parcels is a Direct
Control District tied to Plans. A Direct Control district
tied to plans means that the Development Permits
(DP) for the projects will need to be aligned with

the plans accompanying the DC. If the DP does not align with the DC drawings, the land use reverts to the existing land use.

Along with the land use redesignation application, a concurrent development permit has been submitted for each site.

Development Principles

- Moderate intensification and density;
- Site specific design;
- Family friendly housing choice;
- Variety of unit sizes;
- Walkability;
- Street vitality;
- · Community interaction.

Land Use Timeline



LAND USE & DEVELOPMENT PERMIT APPLICATION SUBMISSION (438 8 STREET)



LAND USE & DEVELOPMENT PERMIT APPLICATION SUBMISSION (230 7A STREET)



MEETING WITH COMMUNITY ASSOCIATION



PUBLIC OPEN HOUSE



APPLICATION REVIEW
AT CALGARY PLANNING
COMMISSION



LAND USE APPROVAL AT CITY COUNCIL

JULY-SEPTEMBER 2018

APRIL 2017

JANUARY 2018

2

MARCH 2018

MARCH 2018

JULY 2018

.....6

CPC2018-0841 - Attach 8 ISC: UNRESTRICTED

Site Context



The subject site located at 438 8 Street NE is approximately 455 square metres in size, and is surrounded by R-C2 (Residential - Contextual One/Two Dwellings).

The subject site located at 230 7A Street NE is approximately 455 square metres in size. East of the parcel is St. Michael's Eritrean Orthodox Church, and to the north, west, and south of the site are R-C2 (Residential - Contextual One/Two Dwellings).

Both subject sites are in close proximity to local shops, retail, professional services, community schools, parks and open spaces. These sites are well serviced by Calgary Transit, with route 90 running along the 1st Avenue corridor. Additionally, these sites are within 10-15 minutes walking distance to the Bridgeland-Memorial LRT Station and Bow River pathway system.



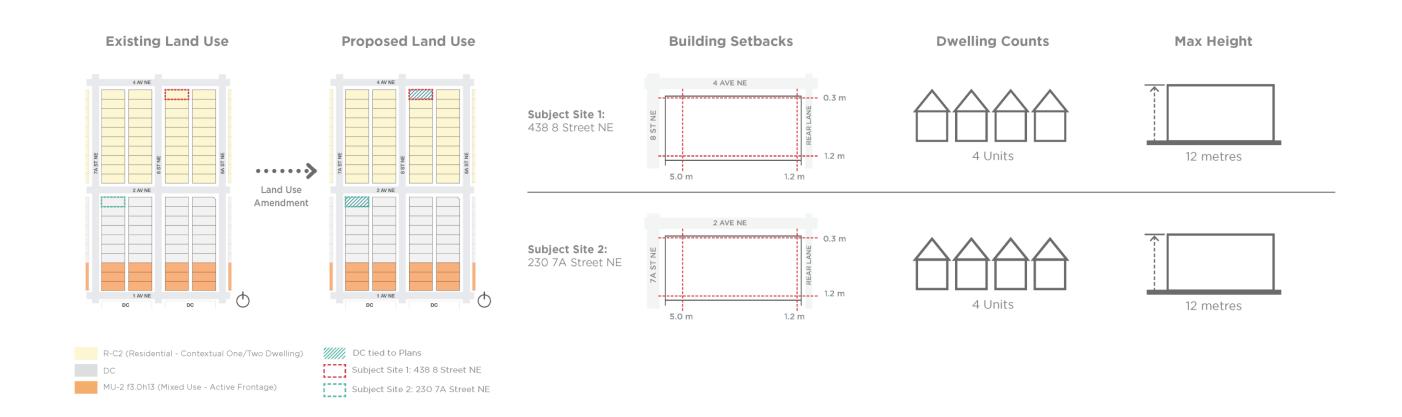
Land Use Application

The land use amendment application proposes to change the existing land use of 438 8 Street from R-C2 (Residential - Contextual One/Two Dwelling District) and the existing land use of 230 7A Street from DC based on R-CG (Residential - Grade-Oriented Infill District) to both a Direct Control District (DC) tied to plans.

The diagrams on this panel explains the concepts regarding the land use amendment.

Direct Control (DC) Tied to Plans:

- DC will be based on a site specific design proposal;
- Development Permit must conform with the plans that were submitted along with the land use application;
- If the property owner wishes to build a different project or sell the site, the existing stock land use will apply;
- A DC tied to plans provides certainty to the community on the project's design.



Engagement Summary

On March 26, 2018, residents from the community of Bridgeland-Riverside were invited to a community information session hosted at the Bridgeland-Riverside Community Association Hall. The purpose of this community information session was to provide information and to solicit community feedback on the proposed developments located on 438 8 Street and 230 7A Street NE.

The community information session was attended by approximately 25 residents. The format of this information session was an informal discussion with the project's planners, architects, and land owners. Residents had the opportunity to provide feedback using comment forms and sticky notes provided by the applicant. There were a total of **50 comments received** and have been categorized into the following themes;

- 1. Traffic, Parking & City Servicing
- 2. Bridgeland-Riverside ARP Alignment & Zoning
- 3. Building Design
- 4. Massing & Height
- 5. Adjacent Privacy, Lighting & Green Space
- 6. Planning Context & Community Heritage

The following is a breakdown of the number of received comments that fall under the six main themes;

- 1. Traffic, Parking & City Servicing: **7 Comments**
- 2. Bridgeland-Riverside ARP Alignment & Zoning: 12 Comments
- 3. Building Design: 5 Comments
- 4. Massing & Height: 10 Comments
- 5. Adjacent Privacy, Lighting & Green Space: **3 Comments**
- 6. Planning Context & Community Heritage: 9 Comments

In addition to these comments, there were **4 comments that are** categorized as miscellaneous. These comments did not fit under any of the five main themes.

Of the 50 comments received, 4 comments were of support, and 46 comments were of concern or opposition. The following is a breakdown of support comments vs. concern or opposition comments categorized under the six main themes.





Comment Comparison Table

	Traffic, Parking & City Servicing	Bridgeland-Riverside ARP Alignment & Zoning	Building Design	Height & Massing	Adjacent Privacy, Lighting & Green Space	Planning Context & Community Heritage	Misc
No. Comments of Support			3	1			
No. Comments of Concern or Opposition	7	12	2	9	3	9	4

THE SEARCH FOR THE 'MISSING MIDDLE'

2016 /// 18

DAVIGNON MARTIN

"...what every city is missing is something in the middle:

the kind of not-single-family, not-condo-tower-apartment style of housing that provides enough room for a couple of parents and kids, has some kind of ground-level space outside and doesn't cost a fortune."

[The Globe and Mail, A search for the 'missing middle' of housing, May 23rd 2018]



"Multi-generational living arrangements... are the fastest growing type of household in the country."

[CTV News, Why more Canadians are embracing multi-generational households, April 5th 2018]

"Ms. Maser says ... peak millennials are purchasing two-storey detached homes in the suburbs as a way to increase affordability over more central areas."

[The Globe and Mail, Sweet Spot, June 5th 2018]



"Nearly one in five Calgary households are overspending on their housing. They're paying more than 30 per cent of their income every month towards shelter, which means they're making decisions between eating or having a roof over their head."

[Calgary Herald, Calgary lays out eight-year plan for \$320M affordable housing investment, April 30th 2018]

"Twenty-four per cent of those surveyed said they didn't qualify for a mortgage at all; in Alberta, this rose to 32 per cent, and 50 per cent of 25- to 30-year-olds in Alberta - more than any other province - said they didn't believe they'd be able to afford to buy a home in the next five years."

[Globe and Mail, Millennials' demand for affordability driving housing agenda, November 23rd 2017]

"Rental properties in Montreal, Quebec City and Halifax are performing well, for a variety of reasons. Quebecers have long looked on rentals favourably, and they're

eager to move into units centrally located in search of the live-work-play lifestyle. ... renting offers a significant cost advantage over owning a condo in that market." [PWC Canada, Emerging Trends in Real Estate 2018]

"But what every city is missing is something in the middle: the kind of not-single-family, not-condo-tower-apartment style of housing that provides enough room for a couple of parents and kids, has some kind of ground-level space outside and doesn't cost a fortune."

[Globe and Mail, A search for the 'missing middle' of housing, May 24th 2018]

"For a lot of people, a one-bedroom is basically fine for them and then they have a kid. All of a sudden, they need something bigger. It's really hard and there is not much out there."

[CBC News, Affordable housing solutions for 'missing middle' explored in Museum of Vancouver workshop, February 1st 2018]

"Back-to-backs, brownstones, bungalow courts, clustered housing, plexes, maisonettes, row-houses, stacked towns and six-packs. Throughout the world, these lowdensity multi-housing forms provide affordable homes for millions of households. However, in British Columbia, most of our housing is either single-family homes or apartments. As a result, architects and planners are increasingly referring to these other "gentle density" housing solutions as "the missing middle"."

230 7A Street NE [Vancouver Sun, 'Missing middle' competition offers residential housing solutions, May 12th 2018] 438 8 Street NE

"A looming affordability crisis is poised to hit seniors across the country as the baby boom generation makes its long-predicted shift into its golden years, squeezing the supply of retirement home places and pushing up rents, according to a new report from the rating agency DBRS Ltd."

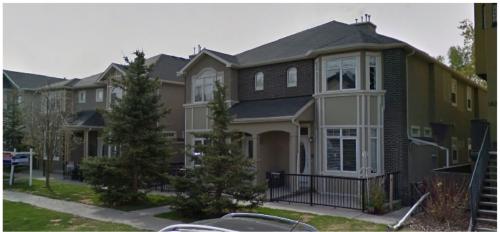
[Financial Post, A looming housing affordability crisis is poised to hit seniors across Canada, May 13th 2018]

BUILDER GRADE SOLUTIONS TO DENSITY

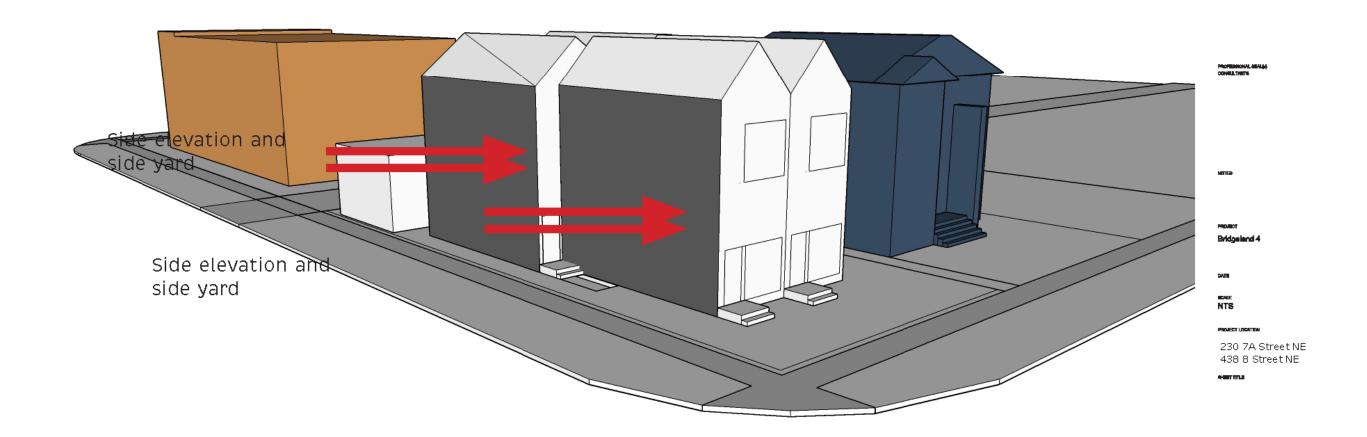
OLD RM-4 SOLUTION

- 1 Lack of privacy
- 2 Circulation issues
- 3 Lack of amenity space
- 4 Blank side elevation

Livable volume is approximately 40,150 ft3 \$650,000 - \$720,000







CPC2018-0841 - Attach 8 ISC: UNRESTRICTED

BUILDER GRADE SOLUTIONS TO DENSITY

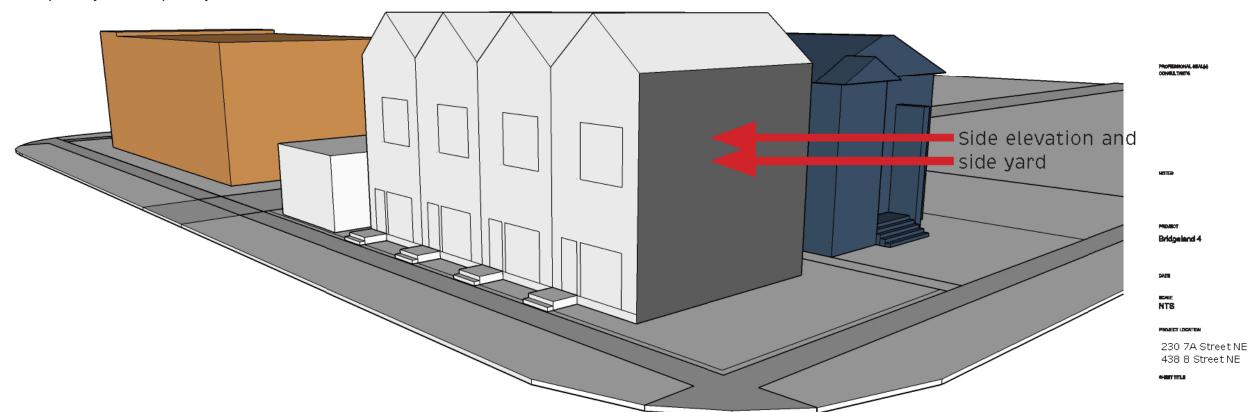
NEW MC-G SOLUTION

- 1 Lack of privacy
- 2 Circulation issues
- 3 Lack of amenity space
- 4 Lack of unit variation
- 5 Overlooking
- 6 Blank side elevation





Livable volume is approximately 101,322 ft3 \$650,000 - \$720,000



CPC2018-0841 - Attach 8 ISC: UNRESTRICTED

BUILDER GRADE SOLUTIONS TO DENSITY

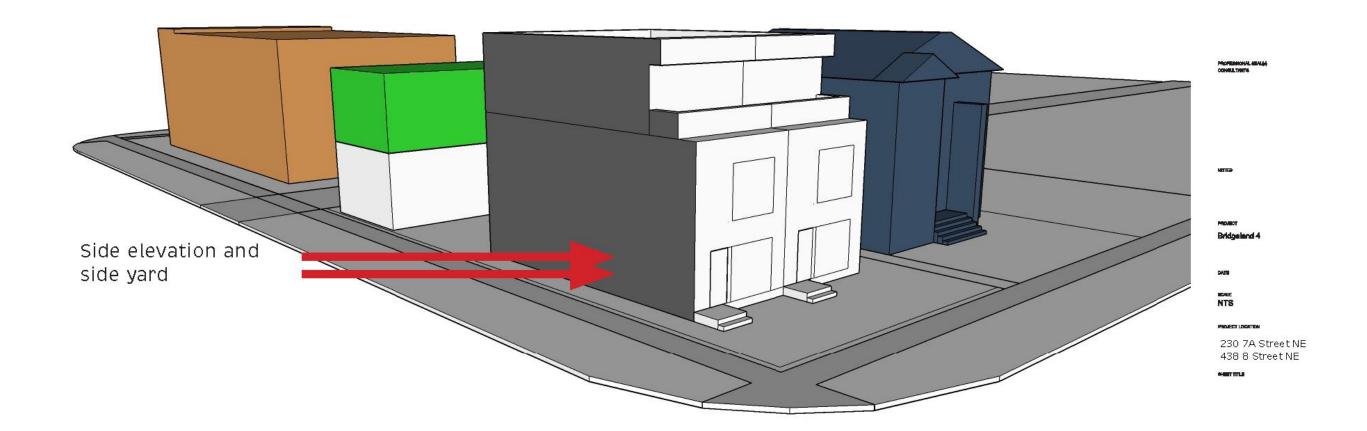
DUPLEX WITH GARAGE SUITES

- 1 Lack of unit variation
- 2 Unaffordable for most people
- 3 Blank side elevation

Livable volume is approximately 57,004 ft \$950,000 - \$1,400,000







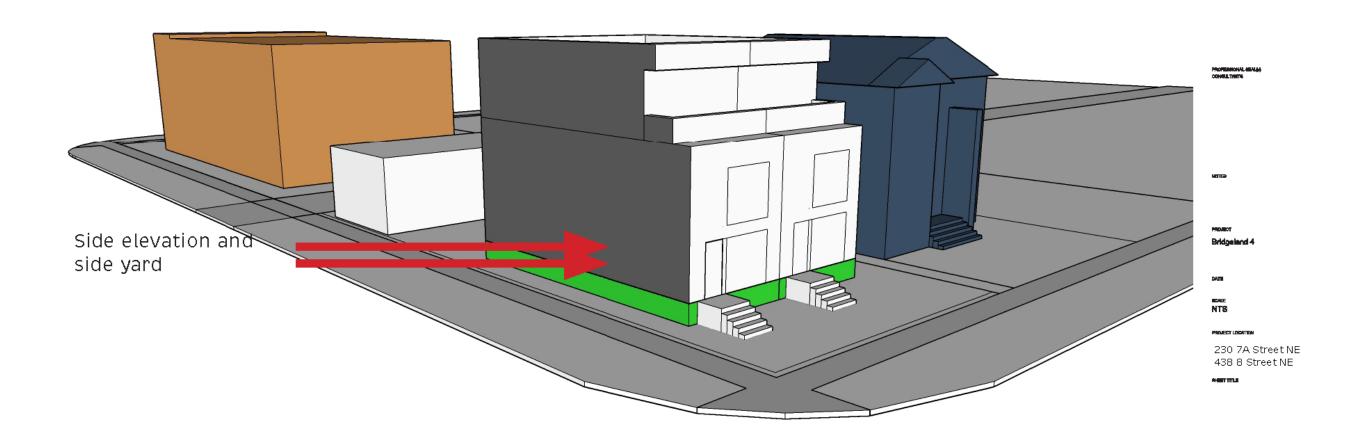
BUILDER GRADE SOLUTIONS TO DENSITY

DUPLEX WITH BASEMENT SUITES

- 1 Basement suites are "secondary" solutions
- 2 Unaffordable for most people

Livable volume is approximately 49,252 ft3 \$900,000 - 1,250,000





BUILDER GRADE SOLUTIONS TO DENSITY

LARGE SINGLE FAMILY

- Unaffordable for most people
- Highest price point

Livable volume is approximately 57,004 ft3 \$1,200,000 - \$1,850,000 and up

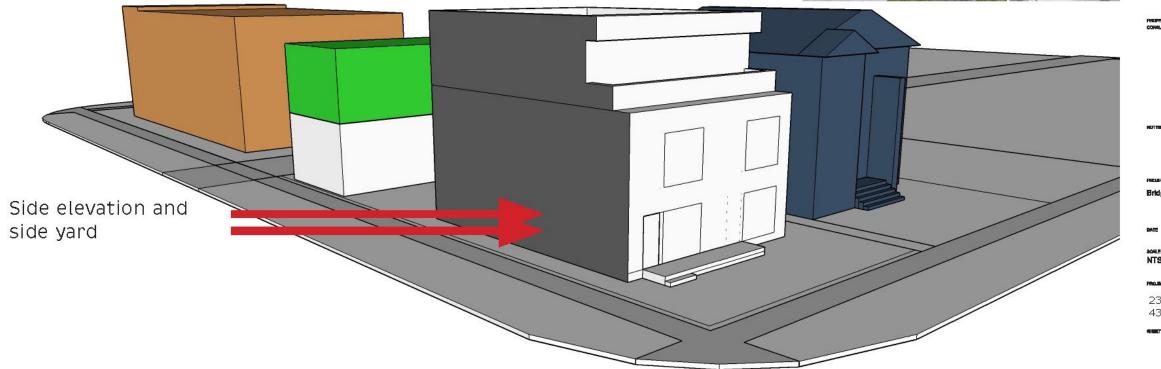






DAVIGNON MARTIN





230 7A Street NE 438 8 Street NE

BASEMENT SUITES

- 1 Basement suites are not great solutions
- 2 Generally not well lit
- 3 Not great for families
- 4 Generally not well sound proofed
- 5 Ownership by tenant is not an option
- 6 Limitations not barrier free

Students, short term rentals, low income individuals





DAVIGNON MARTIN



Copylight Flows, shadows, propiler representations and specifications as interested of another, without the popular is securitied or and all stress in propincy of Confession fields. Anotherian Meet use on which suggless, all the property of Confession fields and the property of Confession fields and propincy of the supersection of an interest in consideration for propincy of the supersection of the confession of the propincy of the supersection of the confession of the

DATE

GARAGE SUITES

- 1 Small
- 2 Generally a 1 bedroom / studio layout not conducive to families
- 3 Ownership by tenant is not an option
- 4 Limitations not barrier free

Students, short term rentals, low income individuals



PROFESSIONAL SEAL(s) CONSULTANTS

MOTI

PROJECT Bridgeland

DATE

NTS

PROJECT LOCAT

230 7A Street NE 438 8 Street NE

SHEET TITLE

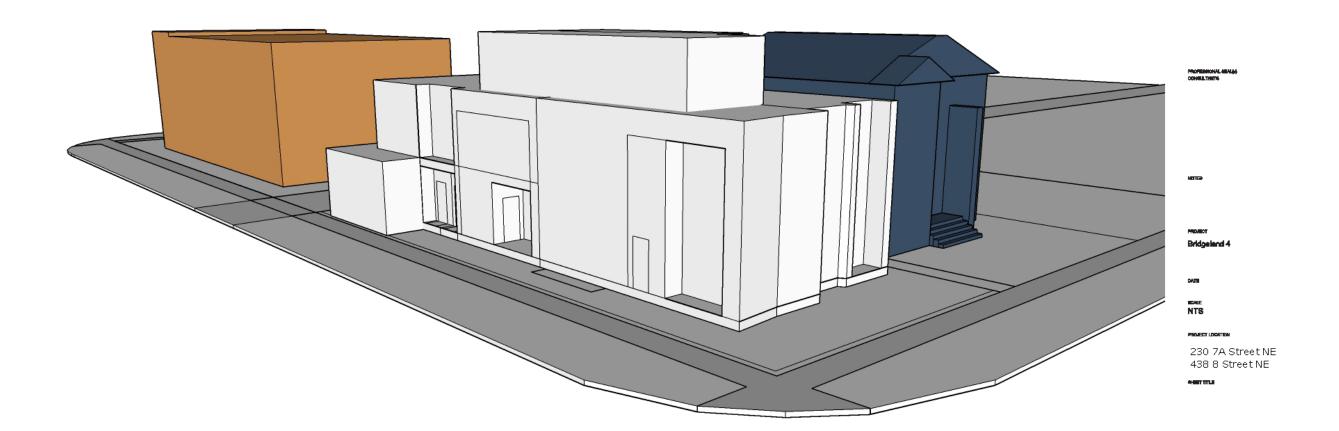
NEW SOLUTION TO DENSITY

NEW STACKED TOWNHOUSE

- 1 Variety of unit types
- 2 Low, medium, upper price points
- 3 Engages the street and the avenue
- 4 Designed user friendly and engaged amenity space to streetscape

Livable volume is approximately 61,235 ft3 \$375,000 - \$800,000

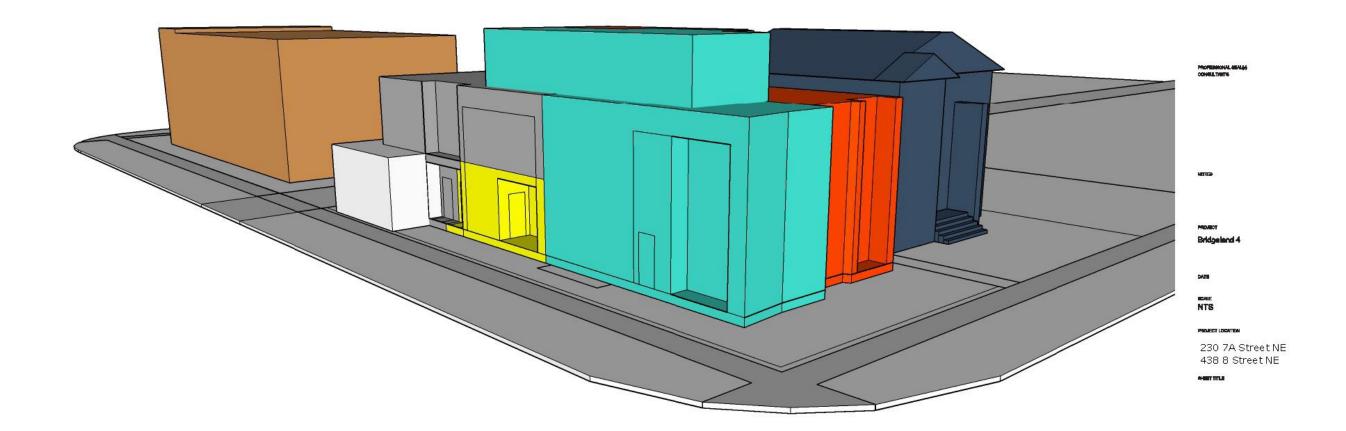




NEW SOLUTION TO DENSITY

NEW STACKED TOWNHOUSE





CPC2018-0841 - Attach 8 ISC: UNRESTRICTED

NEW SOLUTION TO DESNISTY

NEW STACKED TOWNHOUSE





NEW SOLUTION TO DENSITY

OLD RM-4 SOLUTION

Livable volume is approximately 40,150 ft3 650,000 - \$720,000

NEW MC-G SOLUTION

Livable volume is approximately 101,322 ft3 \$650,000 - \$720,000

DUPLEX WITH GARAGE SUITES

Livable volume is approximately 57,004 ft \$950,000 - \$1,250,000

DUPLEX WITH BASEMENT SUITES

Livable volume is approximately 49,252 ft3 \$950,000 - 1,250,000

LARGE SINGLE FAMILY

Livable volume is approximately 57,004 ft3 \$1,250,000 - \$1,850,000 and up

NEW PROPOSED STACKED SUITED TOWNHOUSE

Livable volume is approximately 61,235 ft3 \$375,000 - \$800,000

2016 /// 18

DAVIGNON MARTIN



Copylight Parts, delicities, graphic proposeditions and specification of instances of severa, whicher the registic assessment or red and results in properly of Interigues Interior Architecture. You may reduce copied, beautiful, required the copied of the second proposed of the copied of the proposed of the copied of the copied of the copied of the copied countries of the order Copied or Interior payment, the force delicities of the copied of the copied of the copied of the copied of the architecture of electricities and second less and not to see the architecture of electricities and second copied or any other project. All parts of these descripts and not the copied or any other project. All parts of these descripts and not the copied or any other project. All parts of the descript solid not to an architecture of the projects of the descript solid not to an architecture of the projects of the latter of the copied of the copied or any other projects. All parts of the descript solid not the copied or any other projects and the latter of the copied or the copied or any other projects.

The contractor while varily oil dimensions and appoil callons before a time construction project. Any errors, continuous and inhumbinating reported to the Architect.

ISSUE No. REVISION

DAT

PROFESSIONAL SEA CONSULTANTS

NOT

Bridgeland 4

DATE

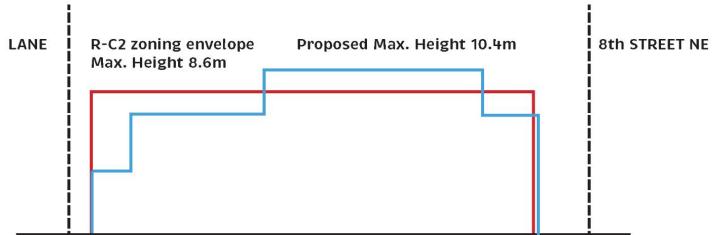
NTS

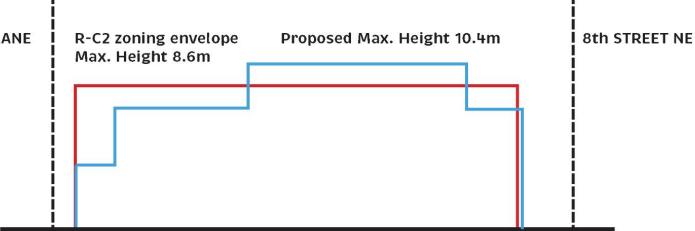
PROJECT LOCATION

230 7A Street NE 438 8 Street NE

SHEET TITLE

MASSING 438 8TH STREET





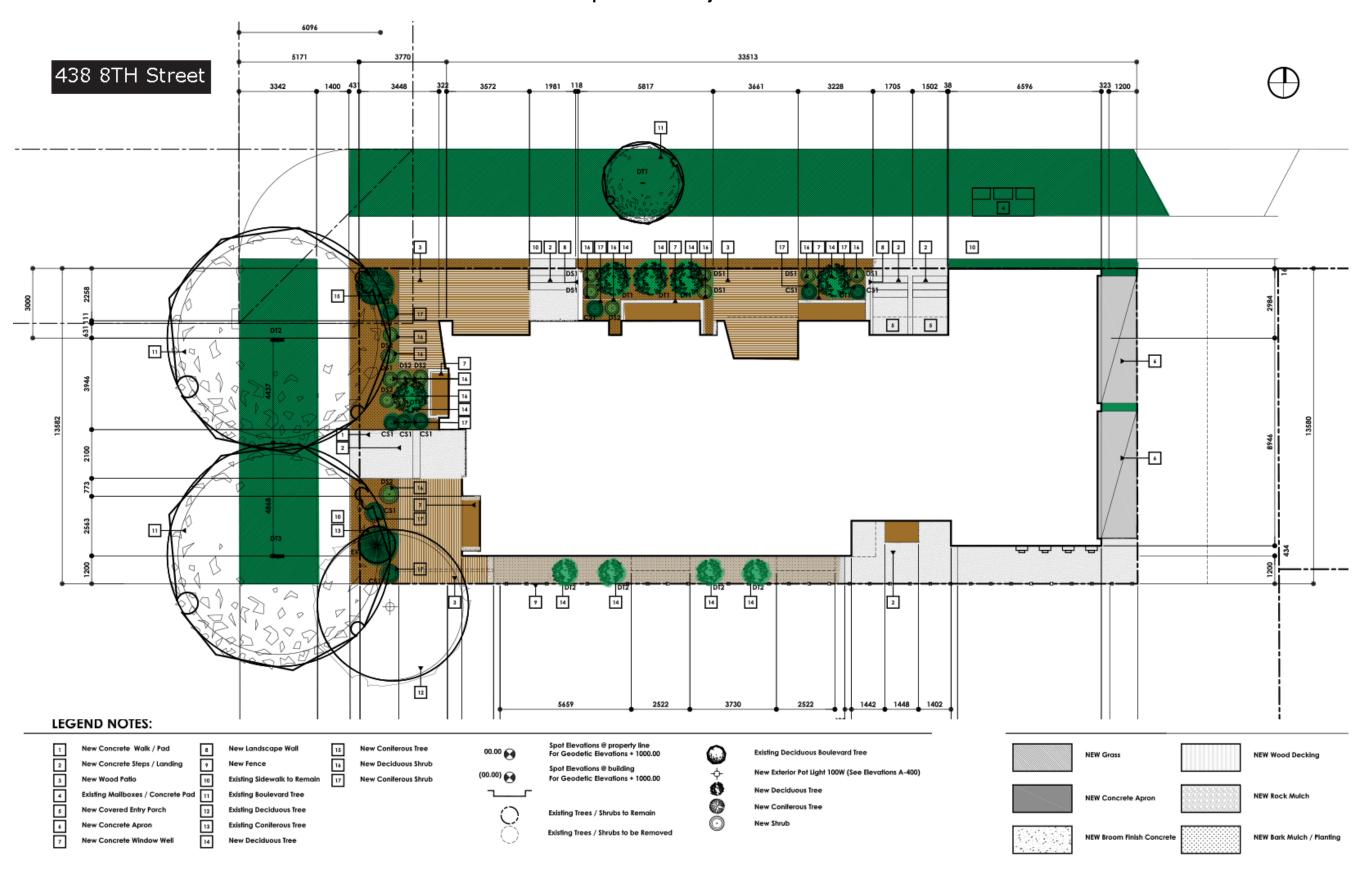


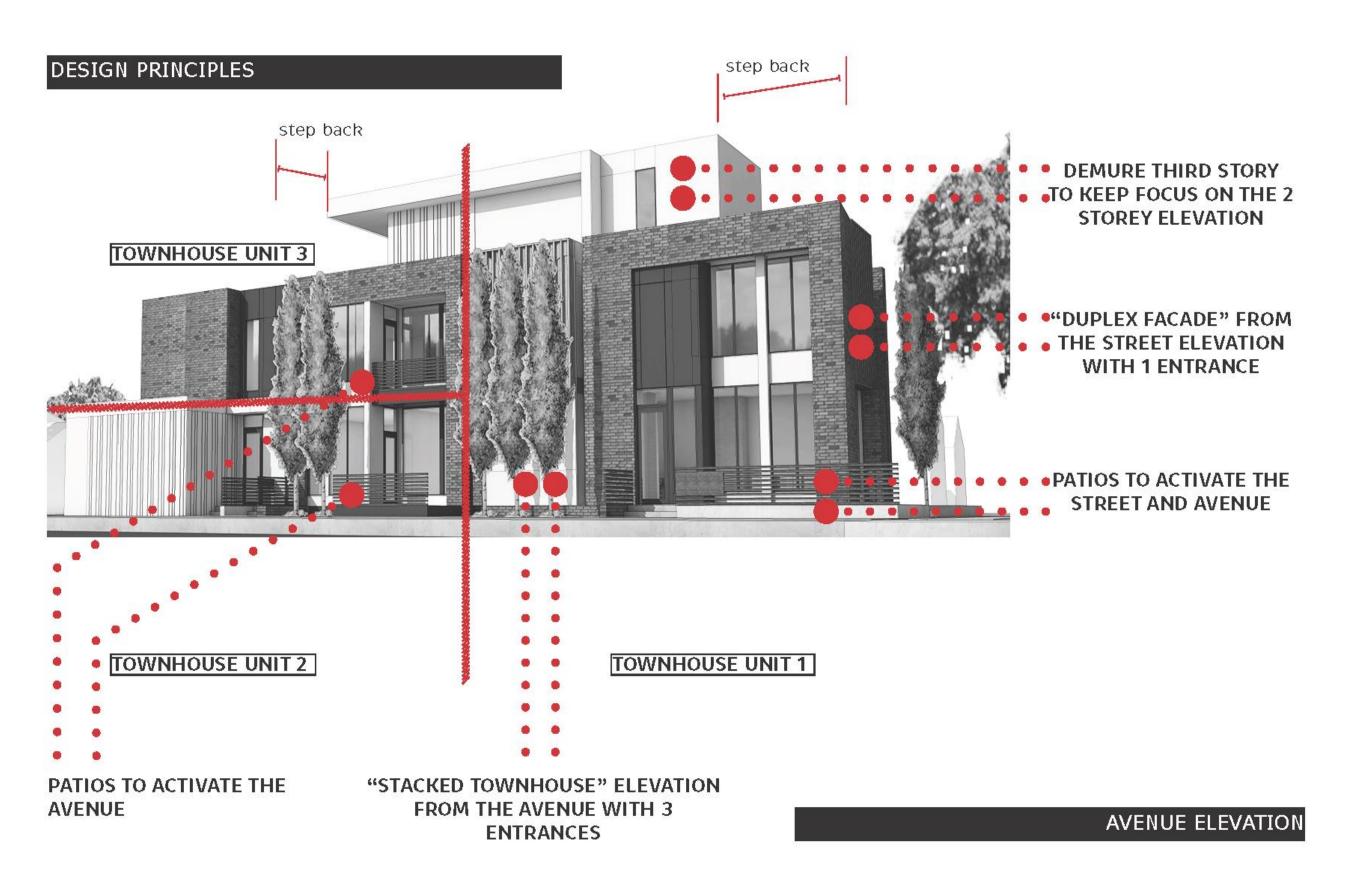
DAVIGNON MARTIN

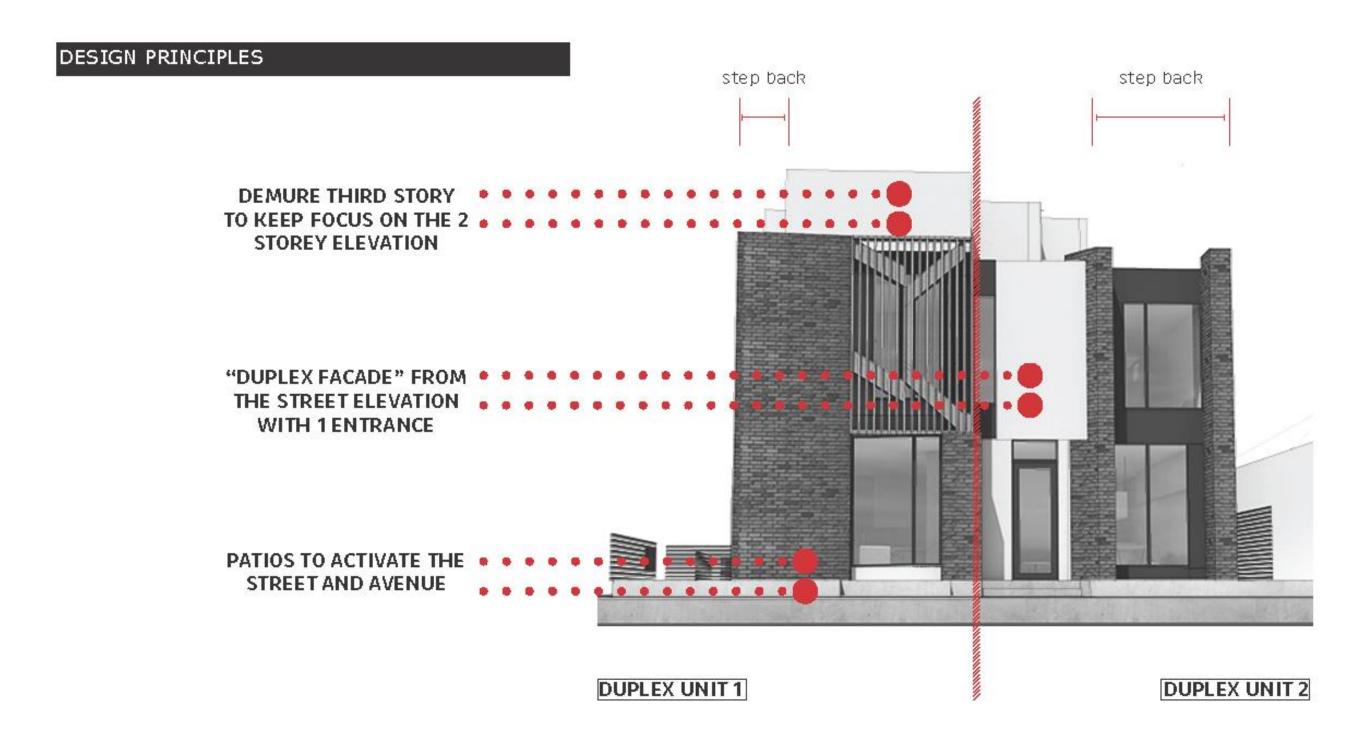


230 7A Street NE 438 8 Street NE



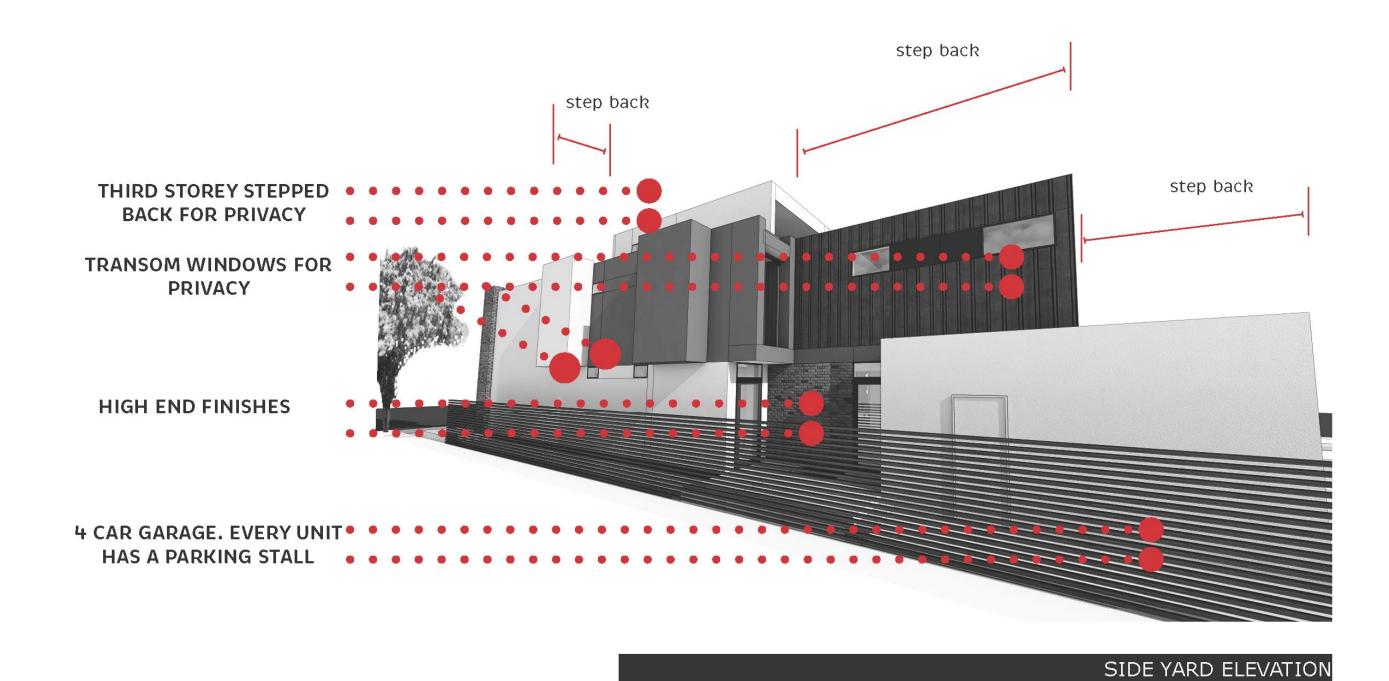






STREET ELEVATION

DESIGN PRINCIPLES

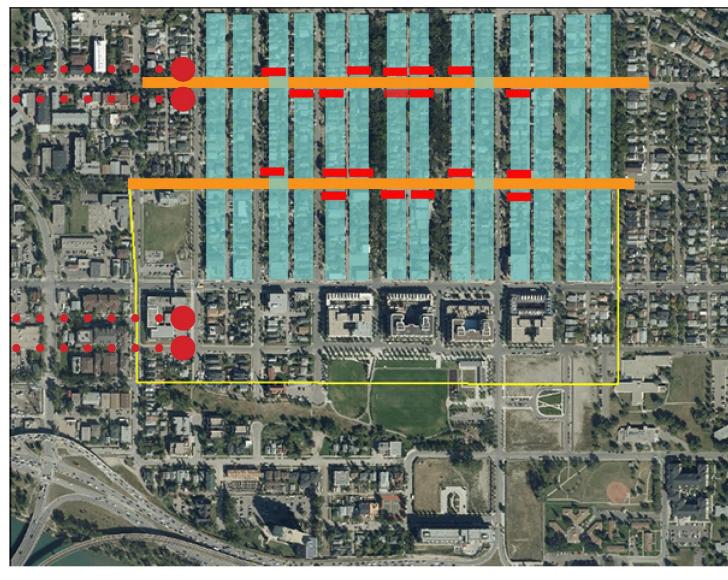


Urban Design - Activating the Street AND avenue

BRIDGELAND

GOOD URBAN DESIGN ADDRESSES THE AVENUE AND THE STREET • • • •

"MAIN STREETS" INITIATIVE AREA



2016 /// 18

DAVIGNON MARTIN



Cappings: Pares, ministens, graphe representations and specifications industriant of several souther the profits in assected or not shall mends properly of furthers their herdelination. You may relate capital parties specification for historical southers and the several capital specification for historican and relatence acquires as presentation will be part use outspace; of the profess. Despit for reference acquires, as sheen, which despite, guestle reconstructions and seconditions will not be used addition or alternation to the special or any other regions. All parts of the profits of the profession of the profits of the contraction of the Despite Market Architecture.

The contractor shall varily all dimensions and operationions before the construction project. Any errors, contenture and informationismal reported to the Architect.

ISSUE NE REVISION

DATI

PROFESSIONAL SEAL() CONSULTANTS

NOTES

Bridgeland 4

DATE

NTS

PROJECT LOCATION

230 7A Street NE 438 8 Street NE

SHEET TITLE

MATERIALS 2016 /// 18 DAVIGNON MARTIN Charcoal Metal Panel **Charcoal Metal Panel Natural Concrete** Natural Concrete Charcoal brick **Light Brick 438 8TH STREET** Glass: large vertical windows Glass: large vertical windows **230 7A STREET** Copper Screen Warm Grey Stucco Bridgeland 4 Off-white Stucco Warm Grey Stucco 230 7A Street NE 438 8 Street NE Off-white Stucco Off-white Metal Cladding and Metal Cladding







DAVIGNON MARTIN



Capphight. Plens, which me, graph in approximation and appellulation. Preservoir and applications of the preservoir and applications are represented and applications for information and solutions in concentration and preservoir and applications are dependent and preservoir and applications are dependent or applications and applications are dependently applications and applications are dependently applications and applications and applications are dependently applications are dependently applications and applications are dependently applications are d

the scatterier stat verity at dismuster suct specificities bet to construction project. Any errors, errications and relaxations provided to the desirated.

E No.

0.





PROFESSIONAL SEAL CONSULTANTS

NOTES

PROJECT

DATE

NTS

230 7A Street NE 438 8 Street NE

SHEET TITLE

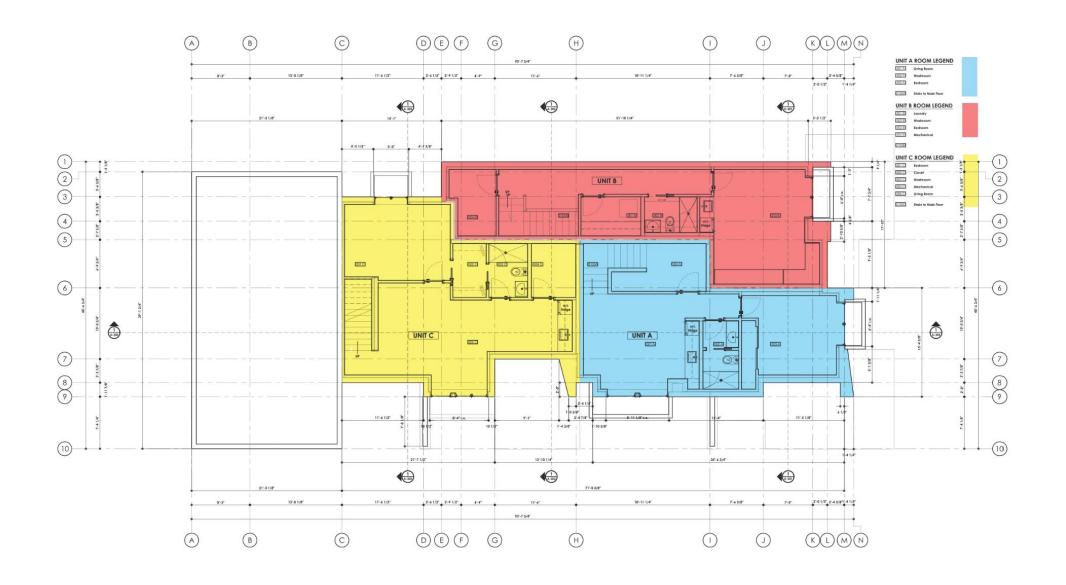








BASEMENT





MAIN FLOOR



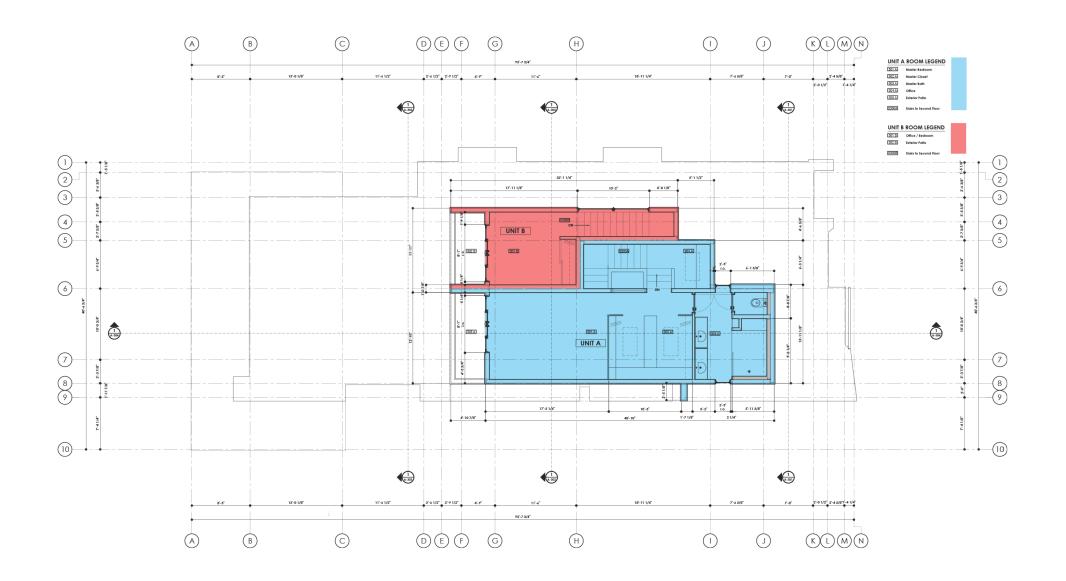


SECOND FLOOR



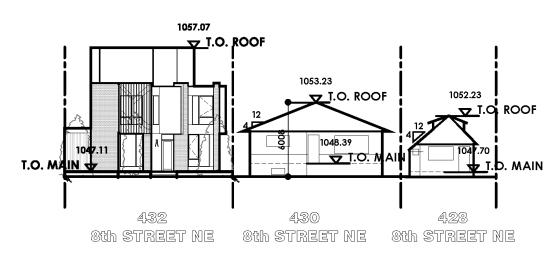


THIRD FLOOR





438 8th Street Streetscapes



2016 /// 18

DAVIGNON MARTIN
ARCHITECTURE

Copyright, Franchister, graph presentations and particulars on the submitted of more of the copyright of the copyrig

2 Streetscape
A-107 1:250

