Whistlestop
BUILDING ENTRY AT THIRD AND BROOKS STREETS
SAN RAFAEL, CA | 10/05/18 | EDEN HOUSING
Whistlestop | MASSING DIAGRAM

SAN RAFAEL, CA | 10/05/18 | EDEN HOUSING

VIEW AT THIRD AND BROOKS STREETS

- CORNER ELEMENT:
  - CHANGE OF MATERIALS

- TOP SETBACK

- MIDDLE/ BODY

- 2-STORY BASE

- TRANSPARENT STOREFRONT
  - AT GROUND FLOOR
  - FOR PEDESTRIAN VISUAL INTEREST

- HIGHLIGHT MAIN ENTRY
  - W/ MATERIAL CHANGE
  - & AWNING ELEMENT

- STEP BACK & MATERIAL CHANGE
  - AT TOP FLOOR

- RECESS TO BREAK UP MASS

- MAIN CORNER ELEMENT:
  - CHANGE OF MATERIALS & VERTICAL PROPORTIONS

- RECESS & MATERIAL CHANGE
  - TO BREAK UP MASS

- DARKER MATERIAL AT
  - LOWER BASE PORTION

- MATERIAL CHANGE
  - AT LOBBY & STAIR TOWERS

- 2-STORY BASE:
  - MIDDLE/ BODY
  - TOP SETBACK

Whistlestop
LANDSCAPE MATERIALS AND SITE FURNISHINGS IMAGERY

CITY STANDARD TREE

GRATE 3'X5' URBAN ACCESSORIES

BICYCLE RACKS

CONCRETE SIDEWALK WITH TREE GRATE

PRELIMINARY PLANT PALETTE

TREES

ACER RUBRUM

'ARMSTRONG' ARMSTRONG MAPLE

QUERCUS ROBUR

'FASTIGIATA' COLUMNAR ENGLISH OAK

DISTICTIS BUCCIANATORIA

BLOOD RED TRUMPET VINE

WISTERIA SPP.

WISTERIA

BIORETENTION PLANTS

CONDREPENALUM TECTORUM

SMALL CAPE RUSH

IRIS DOUGLASIANA

DOUGLAS IRIS

LEYMAJ CISCOENSE

CANYON PRINCE CANYON PRINCE WILD RYE
LANDSCAPE MATERIALS AND SITE FURNISHINGS IMAGERY

2'X 2' CONCRETE PAVER
IPE WOOD DECKING
POURED IN PLACE PLANTERS
MODULAR PLANTER
24" DIAMETER CAFE TABLE AND CHAIR
30" TALL WORK TABLE WITH ADA ACCESSIBILITY

PRELIMINARY PLANT PALETTE

TREES
ACER PALMATUM SANGO KAKU
CORAL BARK JAPANESE MAPLE TREE
ACER PALMATUM STANDARD, SPP
JAPANESE MAPLE TREE

SHRUBS
AEHIZANTHOS, SPP
KANGAROO PAWS
IMPATIENTS VACATIENS
IMPATIENTS
ASPIDISTRA ELATIOR
CAST IRON PLANT
POLYPODIUM CALIFORNICUM
CALIFORNIA POLYPODY

VEGETABLE PLANTER BOXES
CARROTS
CHERRY TOMATOES
CHIVES
THYME

BIORETENTION PLANTS
CONDORPETALUM TECTORUM
SMALL CAPE RUSH
IRIS DOUGLASIANA
DOUGLAS IRIS
LEYMUS CONDENSATUS ‘CANYON PRINCE’
CANYON PRINCE WILD RYE

L2.0
L3.0

PRELIMINARY PLANT PALETTE

LANDSCAPE MATERIALS AND SITE FURNISHINGS IMAGERY

2'x 2' CONCRETE PAVING

ASPIDISTRA ELATIOR

MODULAR PLANTER

ANIGOZANTHOS, SPP.

KANGAROO PAWS

CAST IRON PLANT

HEMEROCALLIS SPP.

DAY LILY

POLYPODIUM CALIFORNICUM

CALIFORNIA POLYPODY

SHRUBS

DIOTES VEGATA

FORTNIGHT LILY

LANDSCAPE SIXTH FLOOR PLAN

2'x 2' CONCRETE PAVING

ASPIDISTRA ELATIOR

MODULAR PLANTER

ANIGOZANTHOS, SPP.

KANGAROO PAWS

CAST IRON PLANT

HEMEROCALLIS SPP.

DAY LILY

POLYPODIUM CALIFORNICUM

CALIFORNIA POLYPODY

LANDSCAPE MATERIALS AND SITE FURNISHINGS IMAGERY
Preliminary Calculations for Drainage Fixtures Unit Values

<table>
<thead>
<tr>
<th>Type of Fixture</th>
<th>Number of Fixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kitchen Sink</td>
<td>1</td>
</tr>
<tr>
<td>Lavatory</td>
<td>1</td>
</tr>
<tr>
<td>Water Closet</td>
<td>1</td>
</tr>
<tr>
<td>Laundry Sink</td>
<td>1</td>
</tr>
<tr>
<td>Clothes Washer</td>
<td>1</td>
</tr>
<tr>
<td>Laundry Room</td>
<td>2</td>
</tr>
<tr>
<td>Lavatory</td>
<td>2</td>
</tr>
<tr>
<td>Water Closet</td>
<td>2</td>
</tr>
<tr>
<td>Women's Bathroom</td>
<td>1</td>
</tr>
<tr>
<td>Lavatory</td>
<td>1</td>
</tr>
<tr>
<td>Urinal</td>
<td>1</td>
</tr>
<tr>
<td>Water Closet</td>
<td>2</td>
</tr>
<tr>
<td>Men's Bathroom</td>
<td>1</td>
</tr>
<tr>
<td>Lavatory</td>
<td>1</td>
</tr>
<tr>
<td>Water Closet</td>
<td>1</td>
</tr>
<tr>
<td>Single Stall Toilets</td>
<td>8</td>
</tr>
<tr>
<td>Exam Room</td>
<td>1</td>
</tr>
<tr>
<td>Kitchen Sink</td>
<td>1</td>
</tr>
<tr>
<td>Laundry Room</td>
<td>1</td>
</tr>
<tr>
<td>Mechanical Room</td>
<td>1</td>
</tr>
<tr>
<td>Electrical Room</td>
<td>1</td>
</tr>
</tbody>
</table>

Total DFU: 595 < 720. Per Table 703.2. A 6" minimum piping to be used.
**MATERIALS & SYSTEMS**

- Concrete Base, Painted
- Aluminum Storefront
- Aluminum or Vinyl Windows
- Stucco
- Metal or Cement Board Panel
- Metal Railings, Painted
- Fiber Cement Siding
- Metal Coping
- Concrete Planter
- Metal Sunshade
- Metal Shingles, Copper Color
- Board & Batten, Random Pattern
- Metal Grille, Painted
- Metal Roof or Metal Frame
- Metal Framed Windows w/ Vertical Fins
- Metal Framed Windows W/ Vertical Fins
- Green Wall
- 12" x 6' Signage (6 S.F.), Logo (6 S.F.)
- Parking Entry & Exit Signage (6'-12" Lettering)

**COLORS**

- Kelly Moore: 216 – Malibu Beige
- Kelly Moore: K55791 – Northpointe
- Kelly Moore: K5793 – Jasmine Hollow
- Kelly Moore: K5800 – Sausalito Ridge
- Dark Bronze

**GENERAL NOTES**

1. FEMA Base Flood Elevation: 11'-0"
   Finished Floor Elevation: 12'-0" (except garage entry & exit area)
   Per City of San Rafael, a minimum of 1 foot above FEMA base flood elevation is required for all critical facility spaces.

2. Rooftop mechanical equipment concealed and not visible from street level.
1. FEMA BASE FLOOD ELEVATION: 11'-0"
2. FINISHED FLOOR ELEVATION: 12'-0" (EXCEPT GARAGE ENTRY & EXIT AREA)

PER CITY OF SAN RAFAEL, A MINIMUM OF 1 FOOT ABOVE FEMA BASE FLOOD ELEVATION IS REQUIRED FOR ALL CRITICAL FACILITY SPACES.

ROOFTOP MECHANICAL EQUIPMENT CONCEALED AND NOT VISIBLE FROM STREET LEVEL.
1. FEMA BASE FLOOD ELEVATION: 11'-0" FINISHED FLOOR ELEVATION: 12'-0" (EXCEPT GARAGE ENTRY & EXIT AREA) PER CITY OF SAN RAFAEL, A MINIMUM OF 1 FOOT ABOVE FEDERA FLOOD ELEVATION IS REQUIRED FOR ALL CRITICAL FACILITY SPACES.

2. ROOFTOP MECHANICAL EQUIPMENT CONCEALED AND NOT VISIBLE FROM STREET LEVEL.

MATERIALS & SYSTEMS
- CONCRETE BASE, PAINTED
- ALUMINUM STOREFRONT
- ALUMINUM OR VINYL WINDOWS
- STUCCO
- METAL OR CEMENT BOARD PANEL
- METAL RAILING, PAINTED
- FIBER CEMENT SIDING
- METAL COPING
- CONCRETE PLANTER
- METAL SUNSHADE

COLORS
- KELLY MOORE: 216 – MALIBU BEIGE
- KELLY MOORE: KM5791 – NORTHPOINTE
- KELLY MOORE: KM5793 – JASMINE HOLLOW
- KELLY MOORE: KM5800 – SAUSALITO RIDGE
- DARK BRONZE

GENERAL NOTES
CONCRETE BASE, PAINTED
ALUMINUM STOREFRONT
ALUMINUM OR VINYL WINDOWS
STUCCO
METAL OR CEMENT BOARD PANEL
METAL RAILING, PAINTED
FIBER CEMENT SIDING
METAL COPING
CONCRETE PLANTER
METAL SUNSHADE

FIBER CEMENT SIDING
METAL COPING
CONCRETE PLANTER
METAL SUNSHADE
**MATERIALS & SYSTEMS**
- Concrete Base, Painted
- Aluminum Storefront
- Aluminum or Vinyl Windows
- Stucco
- Metal or Cement Board Panel
- Metal Railing, Painted
- Fiber Cement Siding
- Metal Coping
- Concrete Planter
- Metal Sunshade

**COLORS**
- Kelly Moore: 216 – Malibu Beige
- Kelly Moore: KM5791 – Northpointe
- Kelly Moore: KM5793 – Jasmine Hollow
- Kelly Moore: KM5800 – Sausalito Ridge
- Dark Bronze

**GENERAL NOTES**
1. FEMA Base Flood Elevation: 11'-0"
   Finished Floor Elevation: 12'-0" (except garage entry & exit area)
   Per City of San Rafael, a minimum of 1 foot above FEMA base flood elevation is required for all critical facility spaces.
2. Rooftop mechanical equipment concealed and not visible from street level.

**BUILDING ELEVATIONS**

- **01 LEVEL**: 0' - 0"
- **02 LEVEL**: 19' - 0"
- **03 LEVEL**: 36' - 0"
- **04 LEVEL**: 53' - 0"
- **ROOF**: 70' - 0"
- **TOP OF PENTHOUSE**: 86' - 0"

**BIOMARIN BUILDING A**

**Whistlestop | REAR ELEVATION (SOUTH)**

**SAN RAFAEL, CA | 10/05/18 | EDEN HOUSING**

**BROOKS ST.**

**BIOMARIN PARKING**
UNPROTECTED OPENINGS

- SIXTH FLOOR: WALL AREA = 1,038 SF, UNPROTECTED OPENINGS = 82.5 SF, OPENINGS AREA / WALL AREA = 8.04%
- FIFTH FLOOR: WALL AREA = 1,000 SF, UNPROTECTED OPENINGS = 91.25 SF, OPENINGS AREA / WALL AREA = 9.13%
- FOURTH FLOOR: WALL AREA = 1,000 SF, UNPROTECTED OPENINGS = 91.25 SF, OPENINGS AREA / WALL AREA = 9.13%
- THIRD FLOOR: WALL AREA = 1,000 SF, UNPROTECTED OPENINGS = 91.25 SF, OPENINGS AREA / WALL AREA = 9.13%
- SECOND FLOOR: WALL AREA = 1,878.5 SF, UNPROTECTED OPENINGS = 355.5 SF, OPENINGS AREA / WALL AREA = 18.92%
- FIRST FLOOR: WALL AREA = 2,167.5 SF, UNPROTECTED OPENINGS = 428.25 SF, OPENINGS AREA / WALL AREA = 19.76%

DISTANCE FROM EASEMENT LINE AT EAST ELEVATION IS 5' PER CBC 2016 TABLE 705.8 ALLOWABLE AREA OF UNPROTECTED OPENINGS IS 25%.

SIDE ELEVATION (EAST)
SAN RAFAEL, CA | 9/28/18 | EDEN HOUSING

SAN RAFAEL, CA | 10/05/18 | EDEN HOUSING

**REAR ELEVATION (SOUTH)**

**Sixth Floor**
- Wall Area: 972 SF
- Unprotected Openings: 166.25 SF
- Openings Area / Wall Area = 17.10%

**Fifth Floor**
- Wall Area: 990 SF
- Unprotected Openings: 221.25 SF
- Openings Area / Wall Area = 22.35%

**Fourth Floor**
- Wall Area: 990 SF
- Unprotected Openings: 221.25 SF
- Openings Area / Wall Area = 22.35%

**Third Floor**
- Wall Area: 990 SF
- Unprotected Openings: 221.25 SF
- Openings Area / Wall Area = 22.35%

**Second Floor**
- Wall Area: 1,287 SF
- Unprotected Openings: 254.75 SF
- Openings Area / Wall Area = 19.79%

**First Floor**
- Wall Area: 1,485 SF
- Unprotected Openings: 230.25 SF
- Openings Area / Wall Area = 15.51%

**Distance from Easement Line at East Elevation is 5’**

Per CBC 2016 Table 705.8 Allowable Area of Unprotected Openings is 25%.
Whistlestop | VIEW ALONG BROOKS STREET LOOKING NORTH
SAN RAFAEL, CA | 10/05/18 | EDEN HOUSING

BEFORE

AFTER