

Auto Generated Site Plans

Propel | July 21, 2026

19.4 ac
Parcel Area

EPSG:4326
Coordinate System

3
Density Variants

Building Site Breakdown

Each building lot includes the structure and setbacks. Parking is shared across the site. The empty space accommodates roads, stormwater, and common areas.

Product	Units/ Bldg	Count	Structure	Parking (shared)	Setbacks & Buffer	Lot Size	Land Used
Garden Apartment 8-Unit	8	×14	3,000 sf (50×60)	12 spaces (1.5/unit)	3,400 sf	7,350 sf (70×105)	2.4 ac
Townhome 4-Plex	4	×24	1,100 sf (22×50)	4 spaces (1.1/unit)	1,980 sf	2,720 sf (32×85)	1.5 ac
Community Center	1	×1	3,025 sf (55×55)	12 spaces (12.1/unit)	14,870 sf	21,525 sf (105×205)	0.5 ac
		39 bldgs		276 shared		209 units	4.4 ac

Site: 19.4 ac — Building lots: 4.4 ac (22%) — Parking, roads & infrastructure: 15.0 ac (78%)

The remaining 78% accommodates shared parking, internal roads, stormwater management, landscaping, and utility easements. Industry standard allocates 25–35% of gross acreage to building lots. This plan is at 22%, which is within the comfortable range and leaves room for amenities or additional units.

Typical: Building lots 25–35% · Shared parking 30–40% · Internal roads 10–15% · Stormwater 5–10% · Landscaping & buffers 5–10%

High Density (100%)

0
Lots Placed

0.0 ac
Lot Area

0
Product Types

2.0
Units / Acre

- Garden Apartment 8-Unit (x14)
- Townhome 4-Plex (x24)
- Community Center (x1)

Propel — High Density (100%) — 39/39 bldgs, 209/209 units — EPSG:9749



Placement Report

Product	Scheduled	Placed	Unplaced	Fit %
Garden Apartment 8-Unit	10	0	10	0%
Townhome 4-Plex	24	0	24	0%
Garden Apartment 8-Unit	2	0	2	0%
Garden Apartment 8-Unit	2	0	2	0%
Community Center	1	0	1	0%
Total	39	0	39	0%

39 units (100%) could not be placed on the generated road network.

Product Mix

Product	Lot Size (ft)	Lot Area (sf)	Qty	Total Area (sf)
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Site Statistics

Lots placed	0
Target units	39
Net lot area	0.00 ac
Gross parcel area	19.39 ac
Density	2.0 units/acre
Blocks	11
Road length	6,053 ft
Lot coverage	0.0%
Infrastructure area (est.)	19.39 ac

Medium Density (66%)

18
Lots Placed

1.4 ac
Lot Area

3
Product Types

1.3
Units / Acre

- Garden Apartment 8-Unit (x9)
- Townhome 4-Plex (x16)
- Community Center (x1)

Propel — Medium Density (66%) — 26/26 bldgs, 137/137 units — EPSG:9749



Placement Report

Product	Scheduled	Placed	Unplaced	Fit %
Garden Apartment 8-Unit	7	1	6	14%
Townhome 4-Plex	16	16	0	100%
Garden Apartment 8-Unit	1	1	0	100%
Garden Apartment 8-Unit	1	1	0	100%
Community Center	1	1	0	100%
Total	26	20	6	77%

6 units (23%) could not be placed on the generated road network.

Product Mix

Product	Lot Size (ft)	Lot Area (sf)	Qty	Total Area (sf)
Garden Apartment 8-Unit	70 x 105	7,350	1	7,350
Townhome 4-Plex	32 x 85	2,720	16	43,520
Garden Apartment 8-Unit	65 x 105	6,825	1	6,825
Garden Apartment 8-Unit	65 x 105	6,825	1	6,825
Community Center	105 x 205	21,525	1	21,525
Total			18	86,045

Site Statistics

Lots placed	18
Target units	26
Net lot area	1.36 ac
Gross parcel area	19.39 ac
Density	1.3 units/acre
Blocks	11
Road length	6,053 ft
Lot coverage	7.0%
Infrastructure area (est.)	18.03 ac

Low Density (33%)

10
Lots Placed

0.9 ac
Lot Area

3
Product Types

0.7
Units / Acre

- Garden Apartment 8-Unit (x5)
- Townhome 4-Plex (x8)
- Community Center (x1)

Propel — Low Density (33%) — 14/14 bldgs, 73/73 units — EPSG:9749



Placement Report

Product	Scheduled	Placed	Unplaced	Fit %
Garden Apartment 8-Unit	3	1	2	33%
Townhome 4-Plex	8	8	0	100%
Garden Apartment 8-Unit	1	1	0	100%
Garden Apartment 8-Unit	1	1	0	100%
Community Center	1	1	0	100%
Total	14	12	2	86%

2 units (14%) could not be placed on the generated road network.

Product Mix

Product	Lot Size (ft)	Lot Area (sf)	Qty	Total Area (sf)
Garden Apartment 8-Unit	70 x 105	7,350	1	7,350
Townhome 4-Plex	32 x 85	2,720	8	21,760
Garden Apartment 8-Unit	65 x 105	6,825	1	6,825
Garden Apartment 8-Unit	65 x 105	6,825	1	6,825
Community Center	105 x 205	21,525	1	21,525
Total			10	64,285

Site Statistics

Lots placed	10
Target units	14
Net lot area	0.88 ac
Gross parcel area	19.39 ac
Density	0.7 units/acre
Blocks	11
Road length	6,053 ft
Lot coverage	4.6%
Infrastructure area (est.)	18.50 ac