Auto Generated Site Plans

Propel | November 18, 2026

19.4 ac	EPSG:4326	3
Parcel Area	Coordinate System	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	0.0 ac	0	2.0
Lots Placed	Lot Area	Product Types	Units / Acre

Garden Apartment 8-Unit (×14)
Townhome 4-Plex (×24)
Community Center (×1)

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

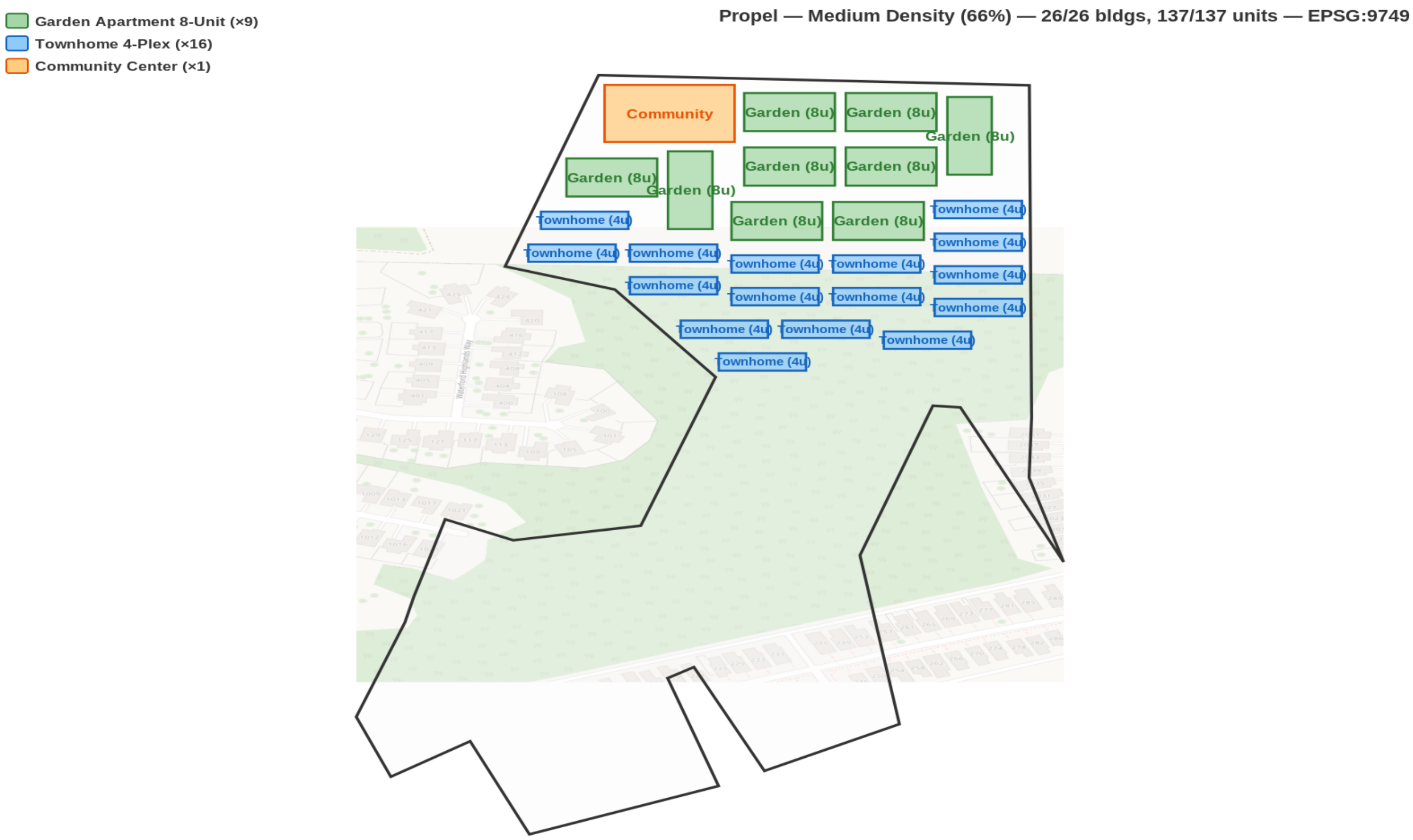
Product	Lot Size (ft)	Lot Area (sf)	Qty	Total Area (sf)

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	1.4 ac	3	1.3
Lots Placed	Lot Area	Product Types	Units / Acre



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	0.9 ac	3	0.7
Lots Placed	Lot Area	Product Types	Units / Acre

Garden Apartment 8-Unit (×5)
Townhome 4-Plex (×8)
Community Center (×1)

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**