Choosing a Council District Plan & Deciding Election Sequencing

City of Santa Clara

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Demographic Research, Inc.
www.Demographers.com

April 12, 2018, Meeting of the Ad Hoc Advisory Committee on Council Districting

Districting Plans - Legal & Optional Criteria

1. **Legal Requirement:** **Balance the 2010 Census total population between two Council districts.**

2. **Legal Requirement:** **Provide groups protected under the Federal Voting Rights Act with the opportunity to elect representatives of their choice.**

3. **Optional:**

   - **Use major thoroughfares as boundaries**

   - **Keep neighborhoods intact**

   - **Keep school attendance areas intact**

   - **Keep election precincts intact**

   - **Consider incumbency**

See background information, maps, data, and Draft Plans at:

http://www.santaclaraca.gov/government/departments/city-manager/district-elections

Additional Information: Legal Requirements

1. **Population Balance:** we must balance the 2010 Census total population between two Council districts, but

   we can try to minimize post-2020 Census adjustments of the Council district boundary by using estimates of population growth from new housing since 2010 (but housing growth is not the only way that population changes occur).

2. **Federal Voting Rights Compliance:** We measure protected groups' opportunities to elect representatives of their choice using a group's Citizen Voting Age Population (CVAP) share of the entire Voting Age Population (VAP).

   Under the Ranked Choice Voting system with two election districts, the group's share must be 25% plus one person.

See background information, maps, data, and Draft Plans at:

http://www.santaclaraca.gov/government/departments/city-manager/district-elections

Additional Information: Public Comments

Open City Hall: **some preference for Northern and Southern districts and El Camino Real preferred as boundary (but number of respondents is small).**

Results of The Open City Survey on Criteria for the District Boundaries		
Question: Would you prefer a north/south or East/ West boundary between the two Districts		
	Response Percent	Response Count
North/ South Boundary	55.2%	16
East West Boundary	44.8%	13
Question: What street would you prefer to use (to the extent possible) to divide the two Districts?		
El Camino Real (northern and southern Council Districts)	60.6%	20
San Tomas Expressway (western and eastern Council Districts)	18.2%	6
Other	21.2%	7

See information, Open City Hall comments, maps, data, and Draft Plans at:

http://www.santaclaraca.gov/government/departments/city-manager/district-elections

Caveats/Tradeoffs: Use Major Thoroughfares

Some members of the public (Open City Hall, comments at Committee meetings) have suggested that we use a major thoroughfare (like El Camino Real and San Tomas Expressway) as the Council district boundary, however,

1. <u>North/South boundary - El Camino Real</u> **works as a boundary using 2010 Census data, but would most likely need to be adjusted post-2020. Since 2010, far more housing and population growth has occurred south of El Camino than in the north.**

   To try to balance a NS plan in 2020, some territory south of El Camino must be added to the North. Draft Plans NS 1 and HH 2 do this. NS 1 puts all of the Korean business district in the North and all of the Old Quad area in the South to balance the plan. HH 2 adds a small area at the western end of El Camino to the North to balance the plan.

2. <u>West/East boundary - San Tomas Expressway</u> **does not balance Council district populations using 2010 Census counts. The area west of San Tomas had 73,583 residents in 2010, and the area to the east had 42,885. Although San Tomas can be used (partly) as a boundary, territory has to be added that is west of the expressway in order to balance populations.**

   To balance a WE or Hybrid plan's 2010 population, some territory west of San Tomas must be added to the East/District B. Draft Plans KP 1 and WE 1 do this.

Eight Draft Plans

Plan ID	Plan Name	Plan Type	Source
NS 1	North South 1	North South	Demographer
WE 1	West East 1	West East	Demographer
WE 2	West East 2	hybrid	Demographer
HH 1	El Camino Real 1	North South	Hosam Haggag
HH 2	El Camino Real 2	North South	Hosam Haggag
KP 1	Kevin Park 1	hybrid	Kevin Park
KP 2	Kevin Park 2	hybrid	Kevin Park
RJ 1	Rob Jerdonek 1	hybrid	Rob Jerdonek

We re-named the districts in the plans submitted by Hosam Haggag, Kevin Park, and Rob Jerdonek so that they are consistent with names used for the first three plans.

See background information, maps, data, and Draft Plans at:

http://www.santaclaraca.gov/government/departments/city-manager/district-elections

Plan Comparison Overview - prepared by Lapkoff & Gobalet Demographic Research, Inc.

Plan Name	Plan type	2010 plan deviation	# Asian CVAP* districts	plan deviation 2017*	# split neighbor hoods	# split ESAAs*	# split precincts	Boundaries used	Some noteworthy characteristics (tradeoffs; some things mentioned are in response to public comments)
NS 1	NS		1	ok	4	3	0	Lawrence Expwy, Benton Street, Kiely Blvd, El Camino Real, Scott Blvd, railroad tracks	Distributes both 2010 and post-2010 population growth from new housing well--boundary not likely to need adjusting post-2020; keeps Korean business district together; Scott Blvd. portion splits an area with relatively large Latino share of population; keeps Filipino area intact; no split precincts
WE 1	WE		2	Deviation is too high and would need 2020 adjustment	3	3	2	Great America Pkwy, Mission College Blvd, Montague/San Tomas Expressway, Scott Blvd, El Camino Real, San Tomas Expwy	Two Asian CVAP districts; the only plan that almost certainly will need adjusting after Census 2020; keeps Korean business district together; Scott Blvd. portion splits an area with relatively large Latino share of population; splits area with Filipino concentration
WE 2	hybrid		1	ok	5	6	5	Lawrence Expwy, Benton Street, Scott Blvd, Montague Expwy	Splits the most Nextdoor neighborhoods+ ESAAs+ precincts; Scott Blvd. portion splits an areas with relatively large Latino and Filipino population shares
HH 1	NS	All plans meet legal requirement	1	2020 deviation likely to be too high	4	1	0	El Camino Real	Very simple boundary but it might need adjusting after Census 2020 because of uneven population growth; splits the smallest number of ESAAs; splits Korean business district; keeps Filipino and Hispanic concentration areas intact; no split precincts
HH 2	NS		1	ok	4	2	0	Lawrence Expwy, El Camino Real	Most of boundary follows El Camino Real; identical to HH 1 except better 2010 and 2017 population balance; no split precincts; keeps Filipino and Hispanic concentration areas intact; splits Korean business district
KP 1	hybrid		1	ok	2	3	2	Homestead Rd, San Tomas Expwy, Montague Expwy	Simple boundary; splits the smallest number of Nextdoor neighborhoods; splits area with Filipino population concentration; keeps areas with relatively large Latino population shares together
KP 2	hybrid		1	ok	3	3	1	Homestead Rd, El Camino Real, Hwy 101	Similar to KP 1 except it splits the area north of Hwy 101 and treats the area bounded by El Camino Real, San Tomas Expwy, Homestead Rd, and Kiely Blvd differently; keeps Filipino and Hispanic concentration areas intact
RJ 1	hybrid		1	ok	5	4	5	Relatively simple boundary: Homeastead Rd, Saratoga Creek, Hwy 101	Although boundary is simple, Saratoga Creek splits 5 Nextdoor neighborhoods, 4 ESAAS, and 5 precincts. Keeps Filipino and Hispanic concentrations intact.

* Asian Citizen Voting Age Population; plan deviation 2017 = Census 2010 population plus estimated population growth from new housing occupied 2010-17
ESAAs = Santa Clara Unified School District elementary attendance areas

Evaluation of Nov. 2016 Voter Registration and Turnout by Draft Plan

In this election, persons with Asian surnames who voted (turned out) had 25% or more of the total who voted in one election district in four plans. Under the Ranked Choice Voting system with two election districts, a 25% share + 1 person is deemed to be sufficient for the group members to elect representatives of their choice.
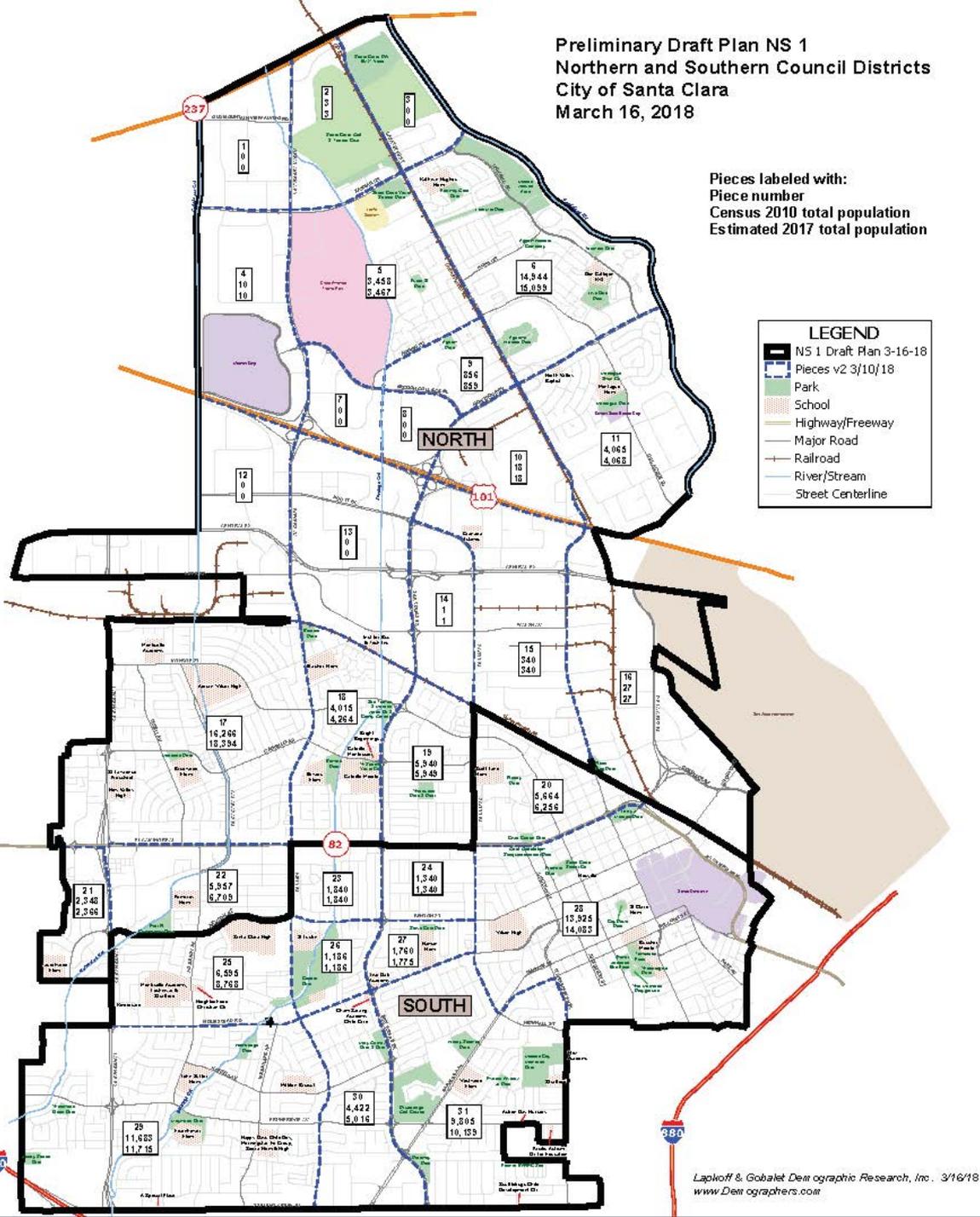
(Surname assignments made by the California Statewide Database are subject to error.)

Estimates for Council election districts by Lapkoff & Gobalet Demographic Research Demographic Research, Inc. 4/12/18

		Estimated shares of:					
		Total Registered Nov 2016			Voted Nov 2016		
Plan	District	Asian surnames	Hispanic surnames	All other surnames	Asian surnames	Hispanic surnames	All other surnames
NS1	North	**25.6%**	16.7%	57.7%	24.9%	15.9%	59.1%
	South	18.3%	14.5%	67.2%	21.2%	13.6%	65.2%
WE1	West	23.5%	17.7%	58.8%	**27.5%**	16.4%	56.2%
	East	19.9%	13.8%	66.3%	19.4%	13.4%	67.3%
WE2	West	23.4%	17.3%	59.3%	**26.9%**	15.9%	57.2%
	East	19.7%	13.8%	66.4%	19.3%	13.5%	67.2%
HH1	A North	**25.4%**	18.3%	56.2%	**29.4%**	17.1%	53.6%
	B South	18.5%	13.3%	68.2%	18.0%	12.9%	69.1%
HH2	A North	**25.3%**	17.9%	56.8%	**29.0%**	16.7%	54.3%
	B South	18.3%	13.5%	68.2%	17.9%	13.0%	69.1%
KP1	A Northwest	24.8%	16.0%	59.2%	24.1%	15.2%	60.8%
	B Southeast	18.6%	15.0%	66.3%	21.7%	14.2%	64.1%
KP2	A Northwest	24.9%	16.3%	58.7%	24.2%	15.5%	60.3%
	B Southeast	18.5%	14.7%	66.8%	21.6%	13.9%	64.5%
RJ1	A Northwest	**25.0%**	16.4%	58.6%	24.3%	15.5%	60.2%
	B Southeast	18.5%	14.7%	66.8%	21.6%	13.9%	64.5%
		25% or more			25% or more		
		nearly 25%			nearly 25%		

Preliminary Draft Plan NS 1
Northern and Southern Council Districts
City of Santa Clara
March 16, 2018

Pieces labeled with:
Piece number
Census 2010 total population
Estimated 2017 total population

LEGEND
NS 1 Draft Plan 3-16-18
Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

NORTH

SOUTH

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Draft Plan NS 1
"North" and "South" Council Districts

Distributes both 2010 and post-2010 population growth from new housing well--boundary not likely to need adjusting post-2020; keeps Korean business district together; Scott Blvd. portion splits an area with relatively large Latino share of population; keeps Filipino area intact; no split precincts

Plan deviation:
2010 = 0.05%
2017 (estimated) = 0.9%

Estimated Asian CVAP (2012-16):
North = 39%
South = 21%

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Draft Plan NS 1 (North-South 1), City of Santa Clara
with Korean Business District (approximate),
Filipino Population Concentrations,
Hispanic Population Concentrations, and
post-2010 Population Growth by Piece

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
NS 1 Draft Plan 3-16-18
Pieces v2 3/10/18
Filipino % of Total Pop
Hispanic % of Total Pop
Korean Business District-approx
Highway/Freeway
Major Road
Railroad
River/Stream

**Estimated post-2010
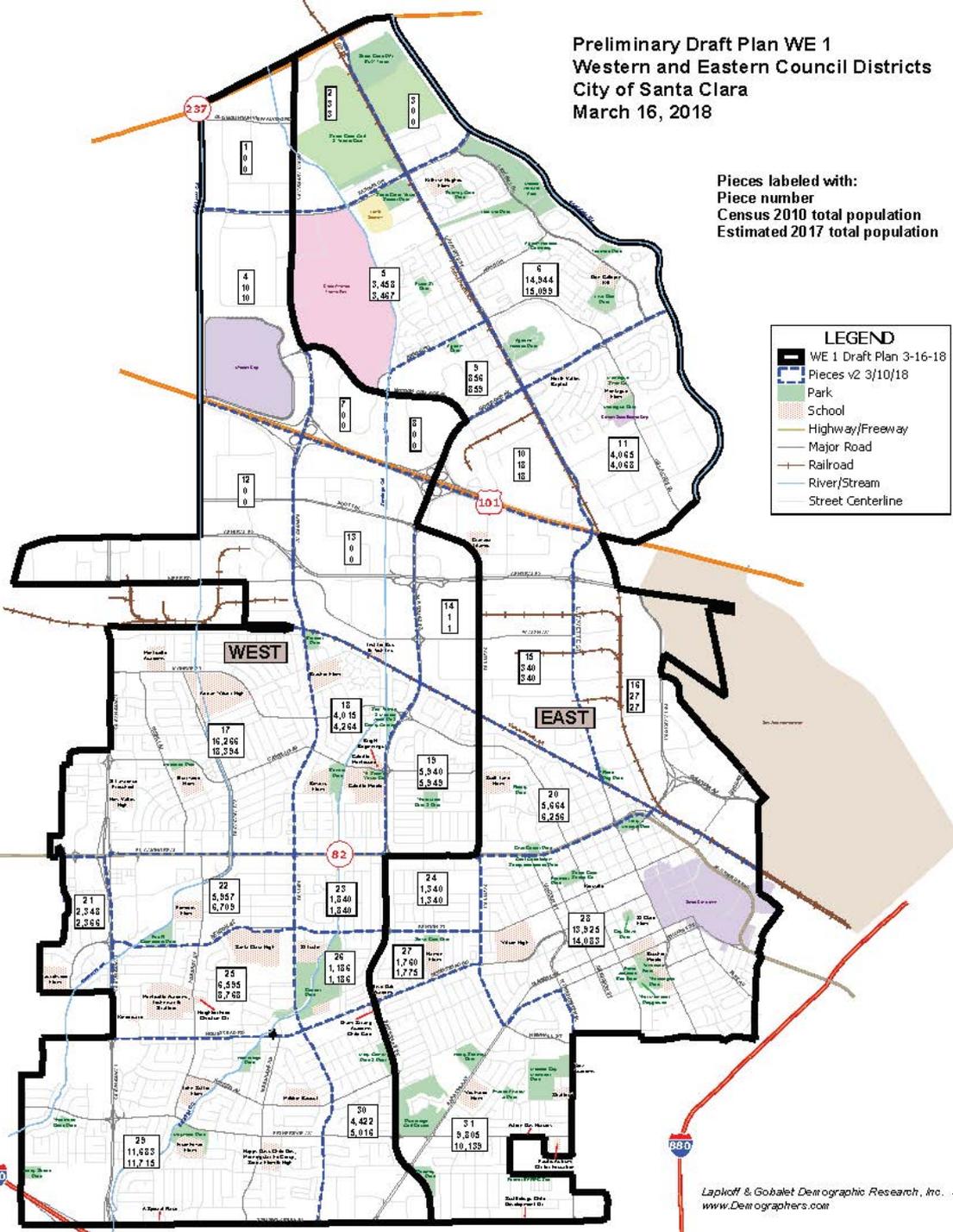Population Growth, by Piece**

2,000   1,252   2

Korean Business District (approx.)

*Lapkoff & Gobalet Demographic Research, Inc. 4/10/18
www.Demographers.com*
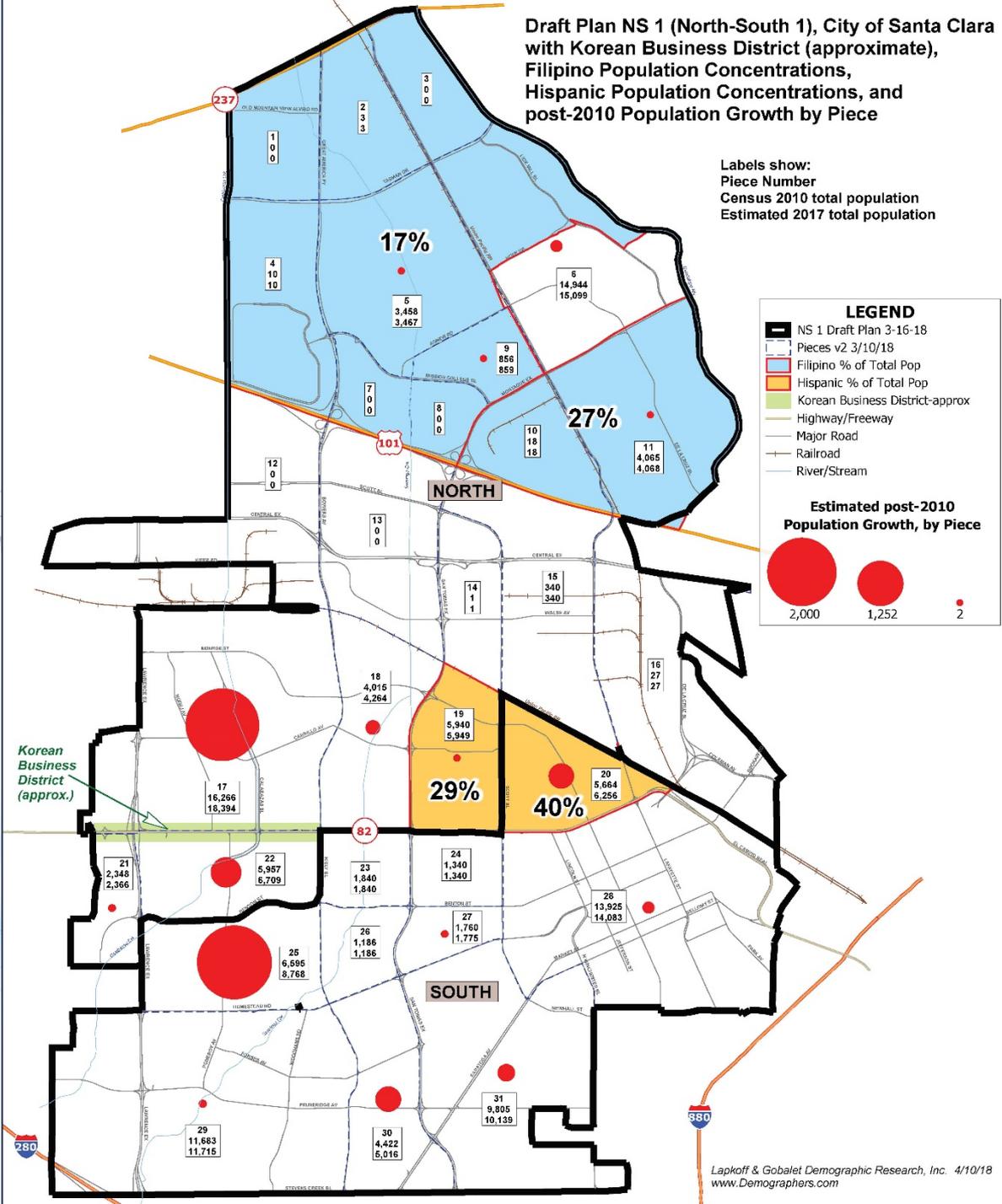
Preliminary Draft Plan WE 1
Western and Eastern Council Districts
City of Santa Clara
March 16, 2018

Pieces labeled with:
Piece number
Census 2010 total population
Estimated 2017 total population

LEGEND
— WE 1 Draft Plan 3-16-18
- - - Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

WEST

EAST

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Draft Plan WE 1
"West" and "East" Council Districts

Two Asian CVAP districts (less concentrated shares); the only plan that almost certainly will need adjusting after Census 2020; keeps Korean business district together; Scott Blvd. portion splits an area with relatively large Latino share of population; splits area with Filipino concentration north of 101

Plan deviation

2010 = 7%

2017 (estimated) = 14%*
* This would exceed the 10% maximum permitted deviation.

Estimated Asian CVAP (2012-16)

West = 31%

East = 27%

Draft Plan WE 1 (West-East 1), City of Santa Clara with Korean Business District (approximate), Filipino Population Concentrations, Hispanic Population Concentrations, and post-2010 Population Growth by Piece
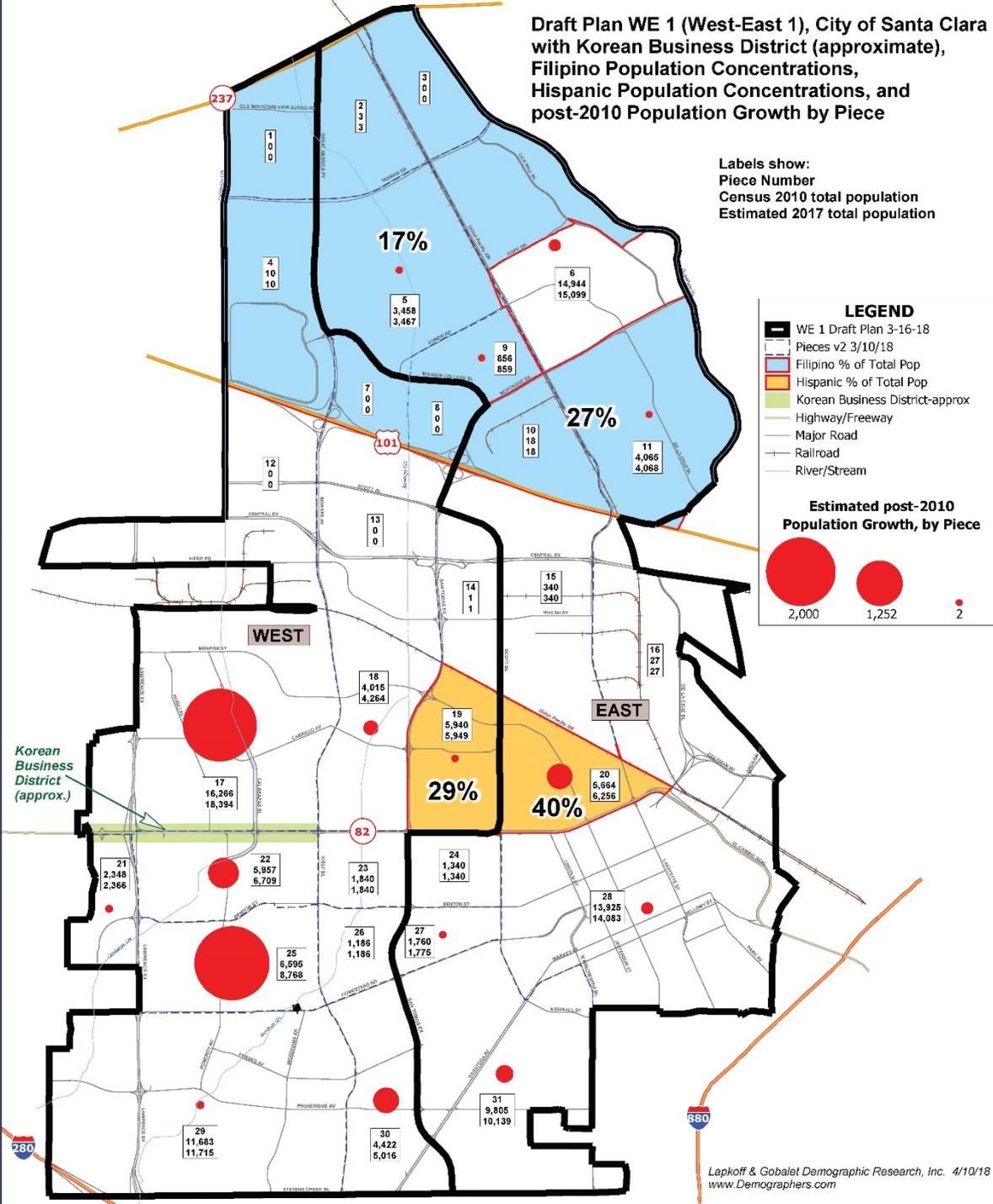
Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
WE 1 Draft Plan 3-16-18
Pieces v2 3/10/18
Filipino % of Total Pop
Hispanic % of Total Pop
Korean Business District-approx
Highway/Freeway
Major Road
Railroad
River/Stream

Estimated post-2010 Population Growth, by Piece
2,000   1,252   2

Korean Business District (approx.)

WEST   EAST

17%   27%   29%   40%

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Preliminary Draft Plan WE 2
Western and Eastern Council Districts
City of Santa Clara
March 16, 2018

Pieces labeled with:
Piece number
Census 2010 total population
Estimated 2017 total population

LEGEND
WE 2 Draft Plan 3-19-18
Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

WEST
(northwest)

EAST
(southeast)

Draft Plan WE 2

Hybrid plan for Council Districts

Splits the largest number of Nextdoor neighborhoods+ ESAAs+ precincts; Scott Blvd. portion splits an areas with relatively large Latino and Filipino population shares

Plan deviation

2010 = 4.3%
2017 (estimated) = 5.0%

Estimated Asian CVAP (2012-16)

West (northwest) = 38%
East (southeast) = 22%

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Draft Plan WE 2 (West-East 2), City of Santa Clara with Korean Business District (approximate), Filipino Population Concentrations, Hispanic Population Concentrations, and post-2010 Population Growth by Piece
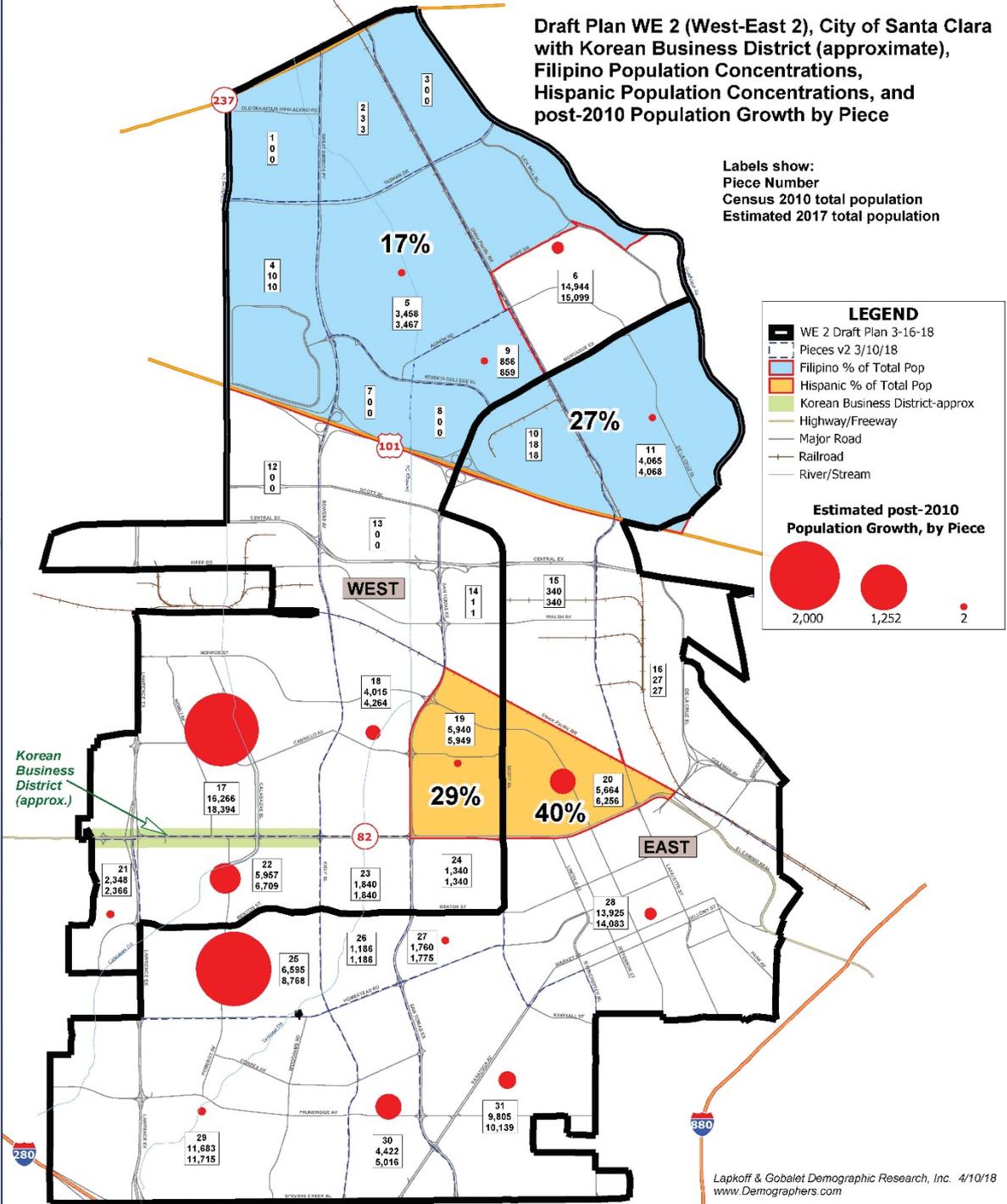
Draft Plan HH 1
El Camino 1

A and B (North and South) Council Districts

Very simple boundary but it might need adjusting after Census 2020 because of uneven population growth; splits the smallest number of ESAAs; splits Korean business district; keeps Filipino and Hispanic concentration areas intact; no split precincts

Plan deviation

2010 = 9.0%

2017 (estimated) = 10.0%*

* This equals the 10% maximum permitted deviation, and population changes not related to new housing could make the deviation higher.
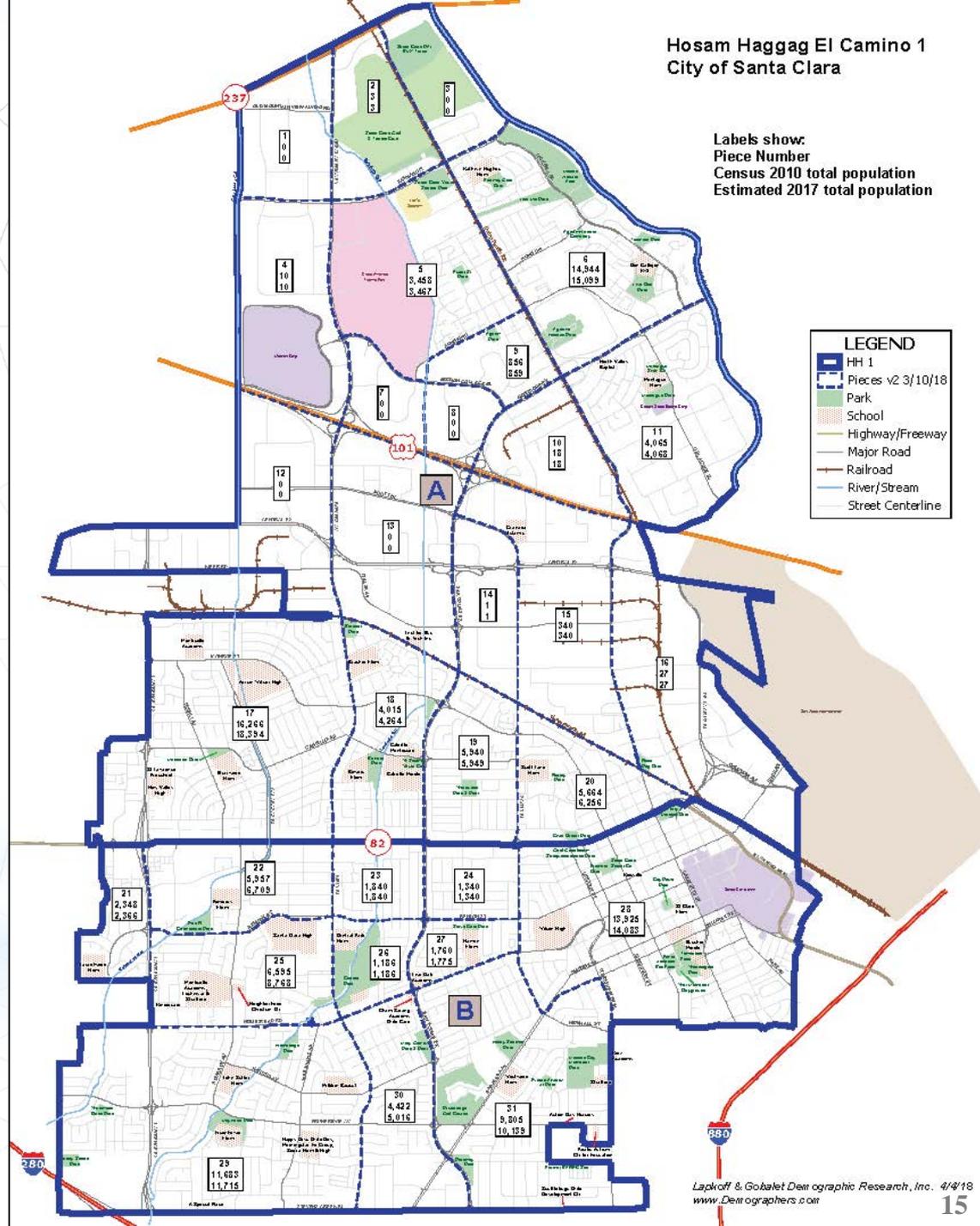
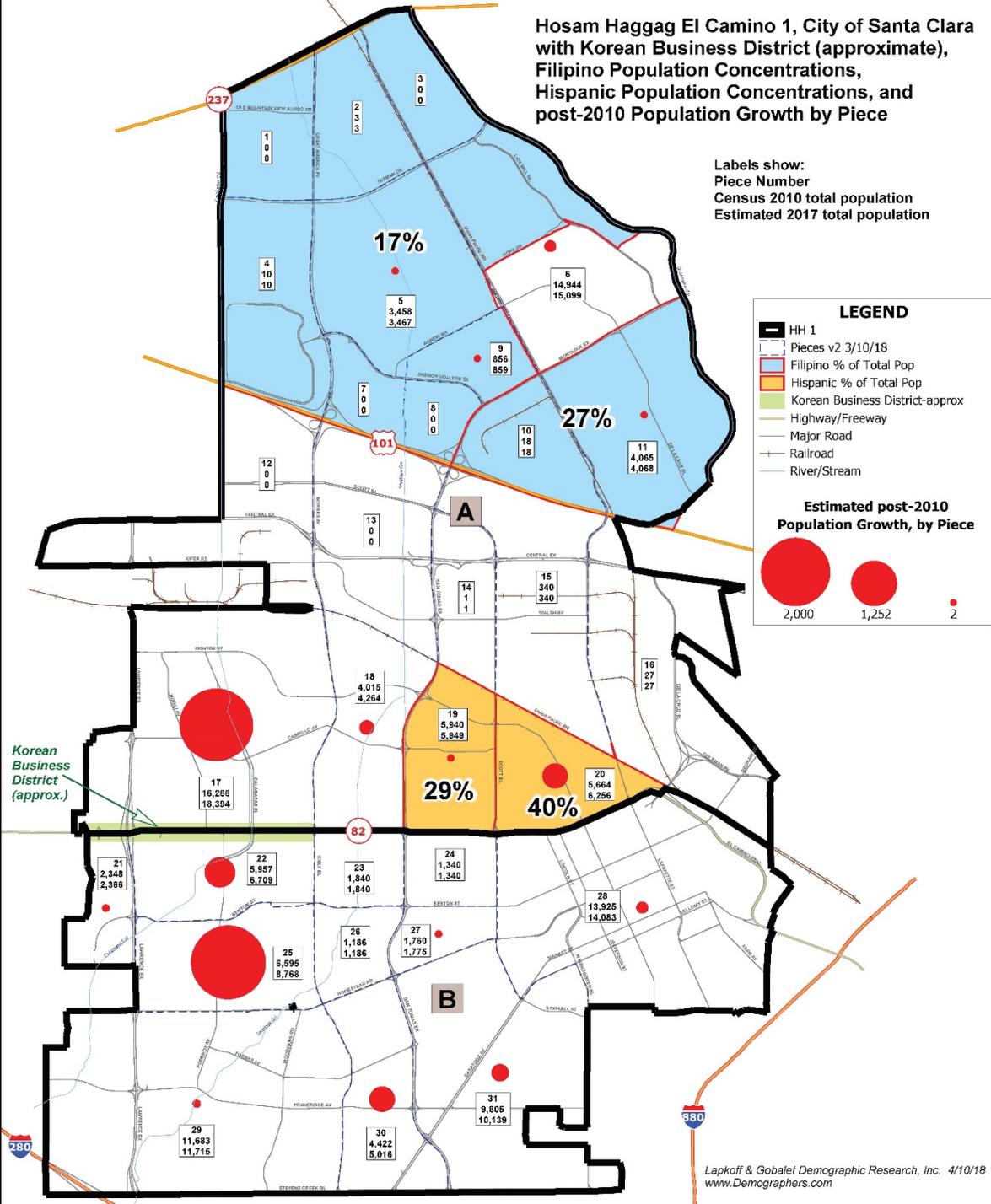## Estimated Asian CVAP (2012-16)

A (North) = 36%

B (South) = 23%

Hosam Haggag El Camino 1
City of Santa Clara

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
HH 1
Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

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Hosam Haggag El Camino 1, City of Santa Clara
with Korean Business District (approximate),
Filipino Population Concentrations,
Hispanic Population Concentrations, and
post-2010 Population Growth by Piece

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
HH 1
Pieces v2 3/10/18
Filipino % of Total Pop
Hispanic % of Total Pop
Korean Business District-approx
Highway/Freeway
Major Road
Railroad
River/Stream

**Estimated post-2010
Population Growth, by Piece**

2,000   1,252   2

Draft Plan HH 2
El Camino 2

A and B (North and South) Council Districts

Most of boundary follows El Camino Real; identical to HH 1 except better 2010 and 2017 population balance; no split precincts; keeps Filipino and Hispanic concentration areas intact; splits Korean business district
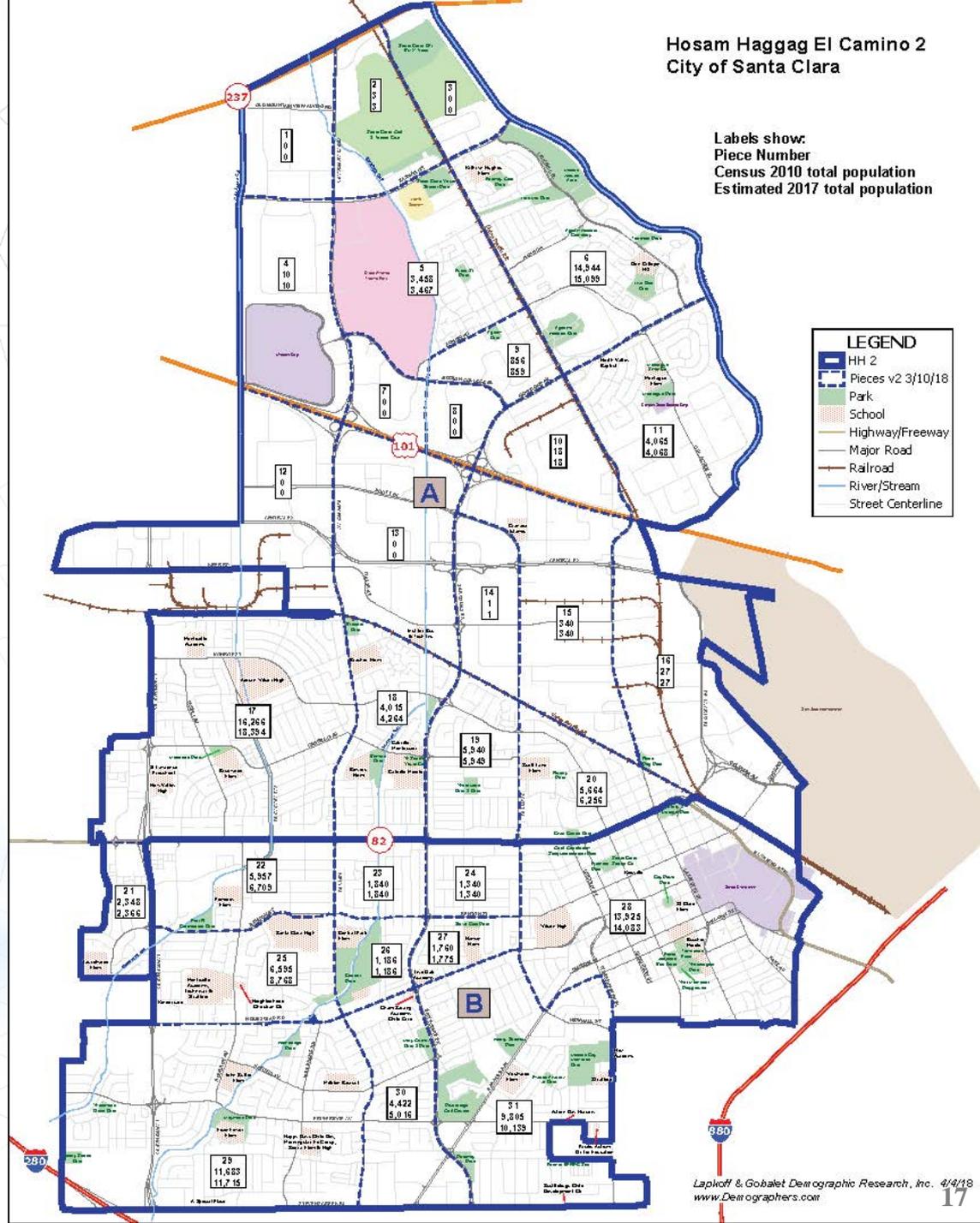
Plan deviation

> 2010 = 1.0%
>
> 2017 (estimated) = 2.3%

Estimated Asian CVAP (2012-16)

> A (North) = 37%
>
> B (South) = 23%

Hosam Haggag El Camino 2
City of Santa Clara

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
HH 2
Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

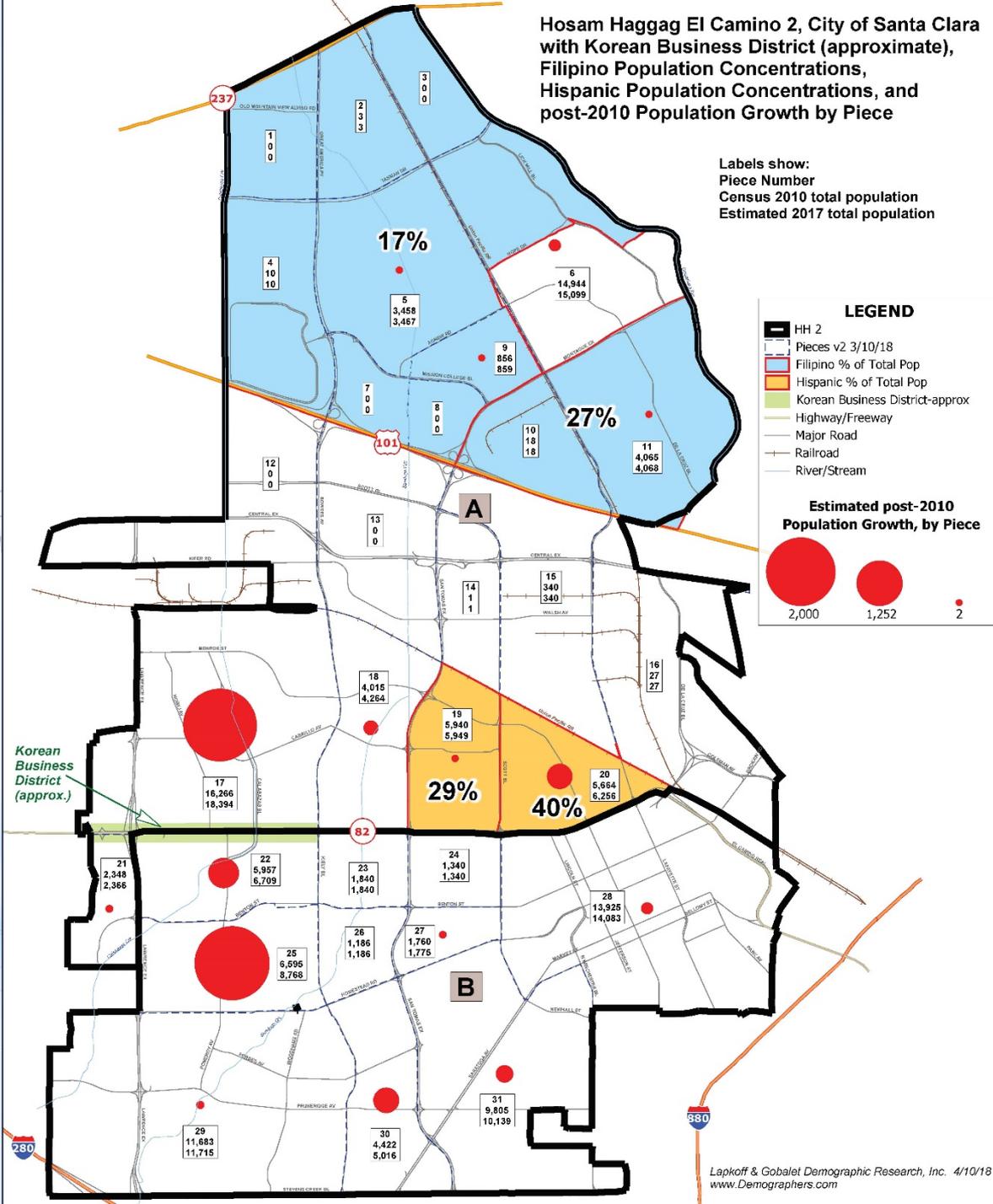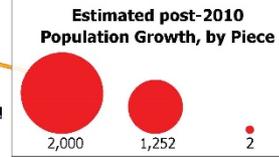Laplkoff & Gobalet Demographic Research, Inc. 4/4/18
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Hosam Haggag El Camino 2, City of Santa Clara
with Korean Business District (approximate),
Filipino Population Concentrations,
Hispanic Population Concentrations, and
post-2010 Population Growth by Piece

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
- HH 2
- Pieces v2 3/10/18
- Filipino % of Total Pop
- Hispanic % of Total Pop
- Korean Business District-approx
- Highway/Freeway
- Major Road
- Railroad
- River/Stream

**Estimated post-2010
Population Growth, by Piece**

2,000   1,252   2

Korean
Business
District
(approx.)

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Draft Plan KP 1

Hybrid plan for Council Districts

Simple boundary; splits the smallest number of Nextdoor neighborhoods; splits area with Filipino population concentration; keeps areas with relatively large Latino population shares together
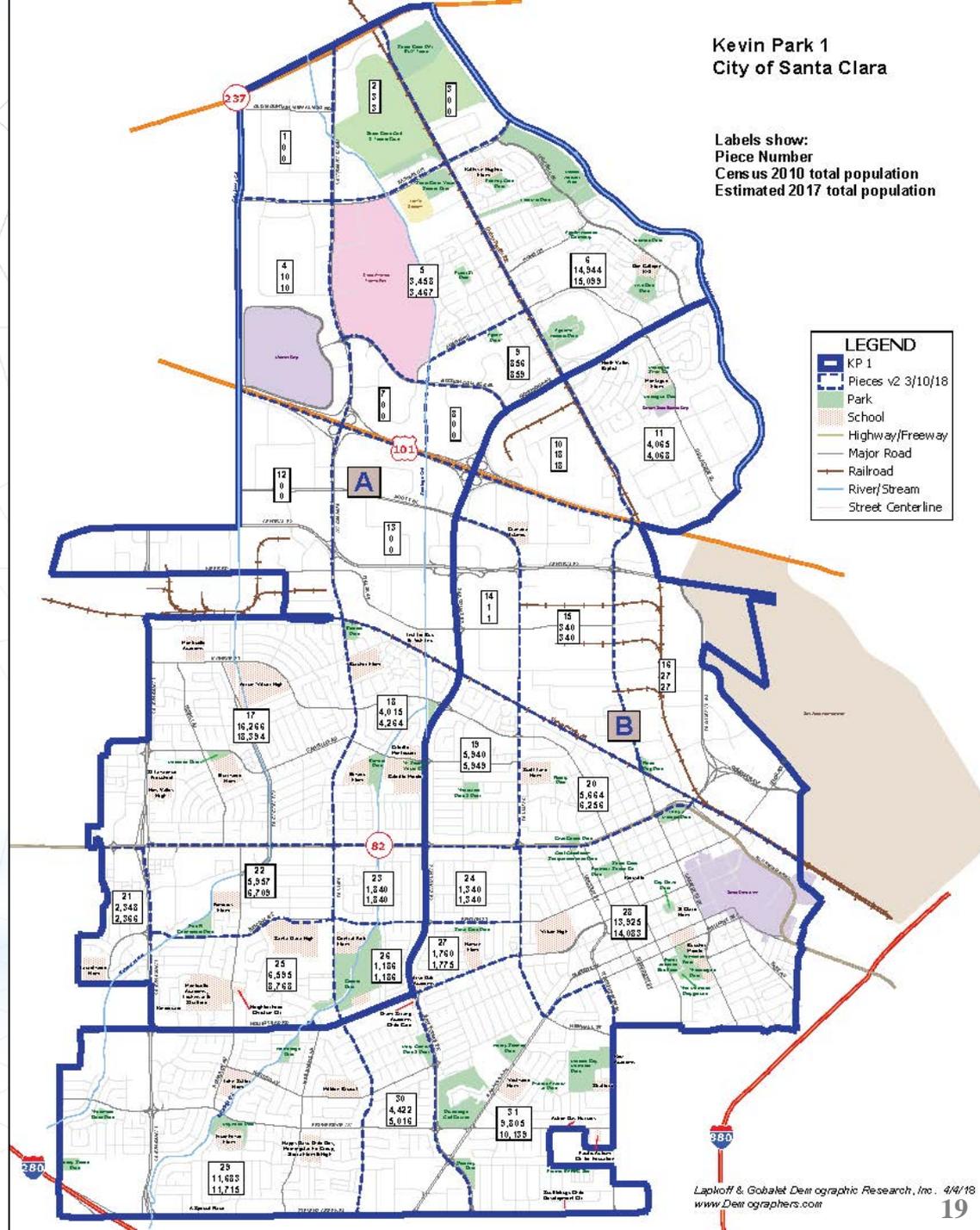
Plan deviation

2010 = 2.6%

2017 (estimated) = 3.6%

Estimated Asian CVAP (2012-16)

A (West/Northwest) = 38%

B (East/Southeast) = 22%

Kevin Park 1
City of Santa Clara

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
KP 1
Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

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Kevin Park 1, City of Santa Clara
with Korean Business District (approximate),
Filipino Population Concentrations,
Hispanic Population Concentrations, and
post-2010 Population Growth by Piece

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
KP 1
Pieces v2 3/10/18
Filipino % of Total Pop
Hispanic % of Total Pop
Korean Business District-approx
Highway/Freeway
Major Road
Railroad
River/Stream

Estimated post-2010
Population Growth, by Piece

2,000   1,252   2

Korean
Business
District
(approx.)

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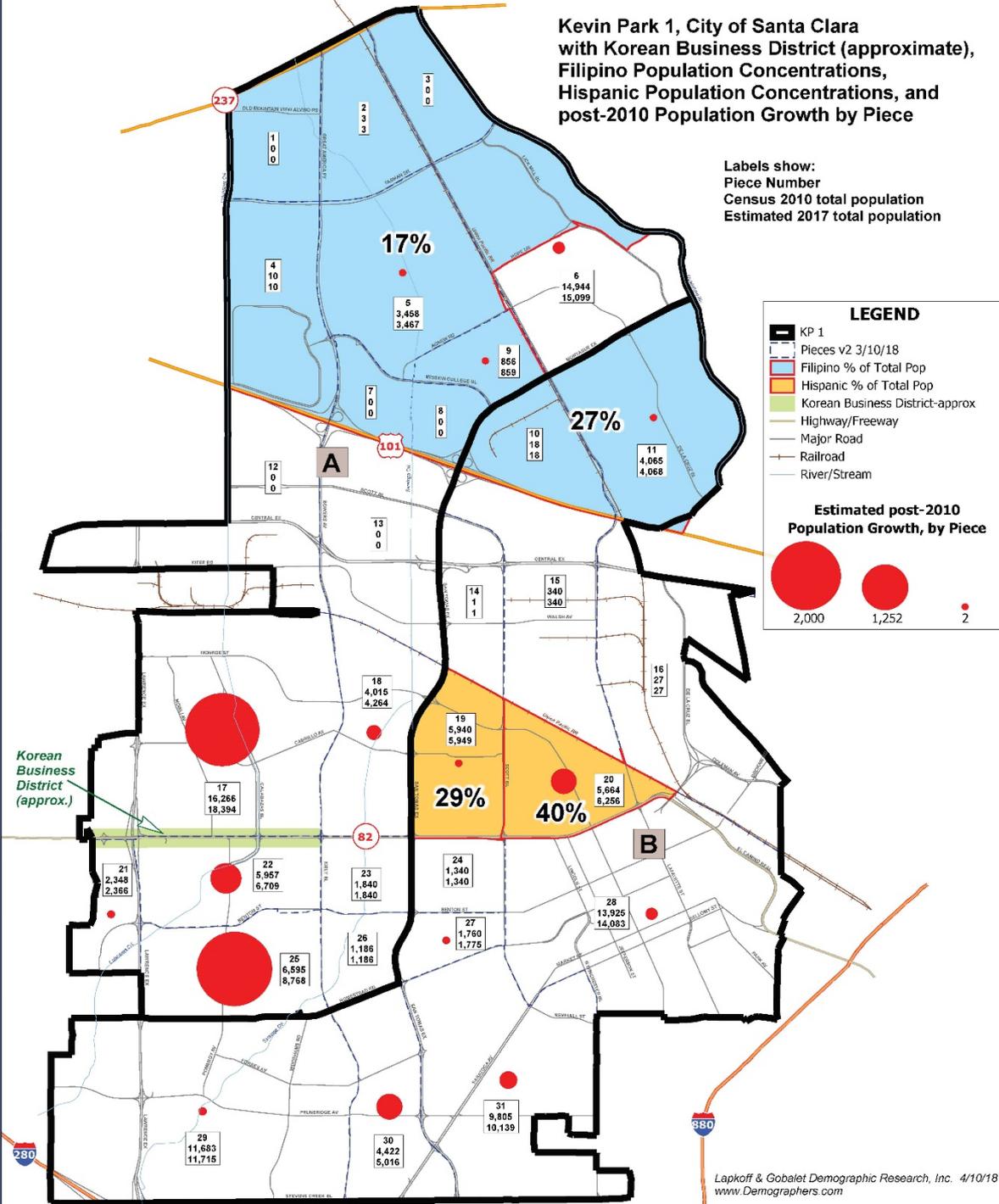
Draft Plan KP 2

Hybrid plan for Council Districts

Similar to KP 1 except it splits the area north of Hwy 101 and treats the area bounded by El Camino Real, San Tomas Expwy, Homestead Rd, and Kiely Blvd differently; keeps Filipino and Hispanic concentrations intact.

Plan deviation
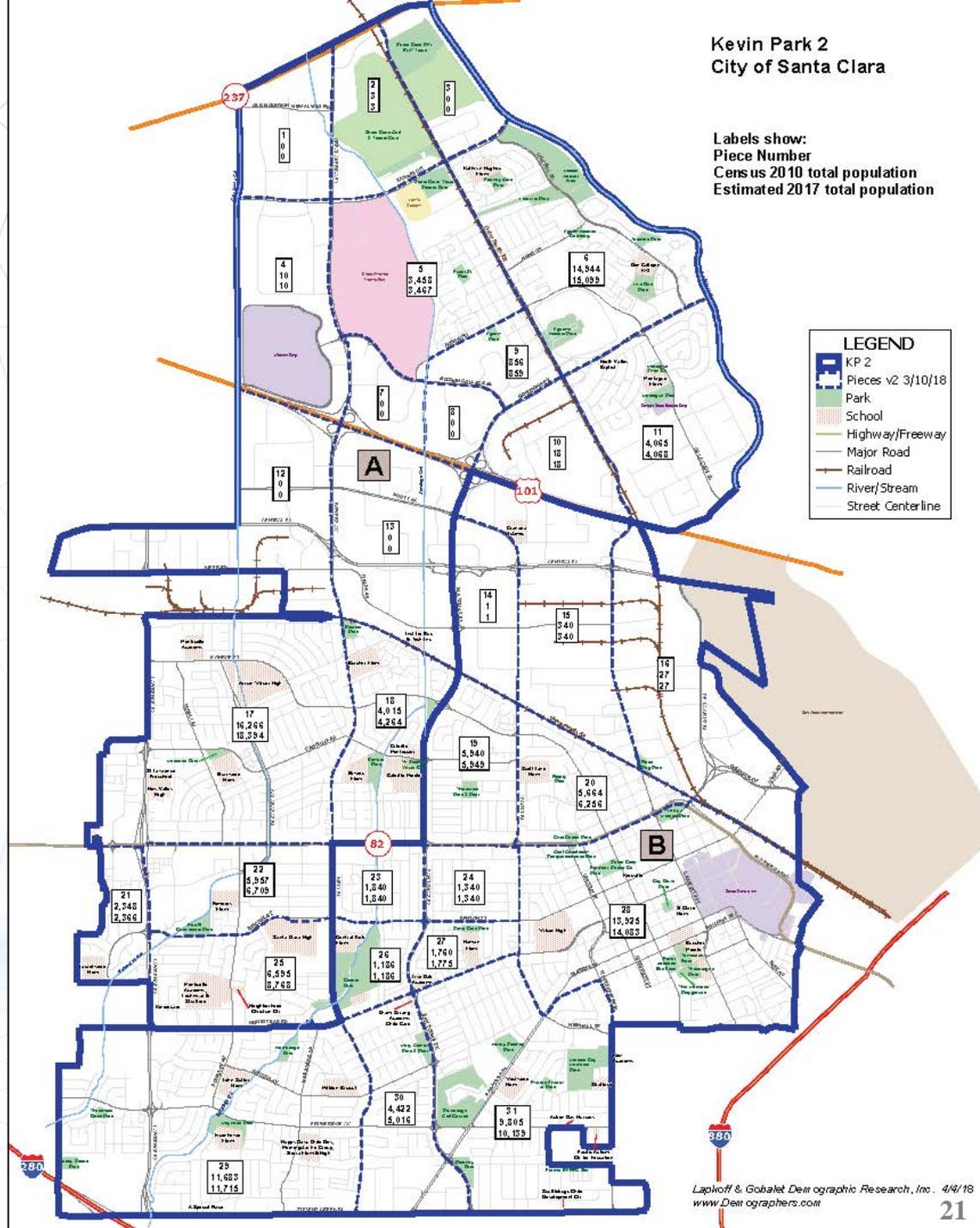
2010 = 0.1%
2017 (estimated) = 7.0%

Estimated Asian CVAP (2012-16)

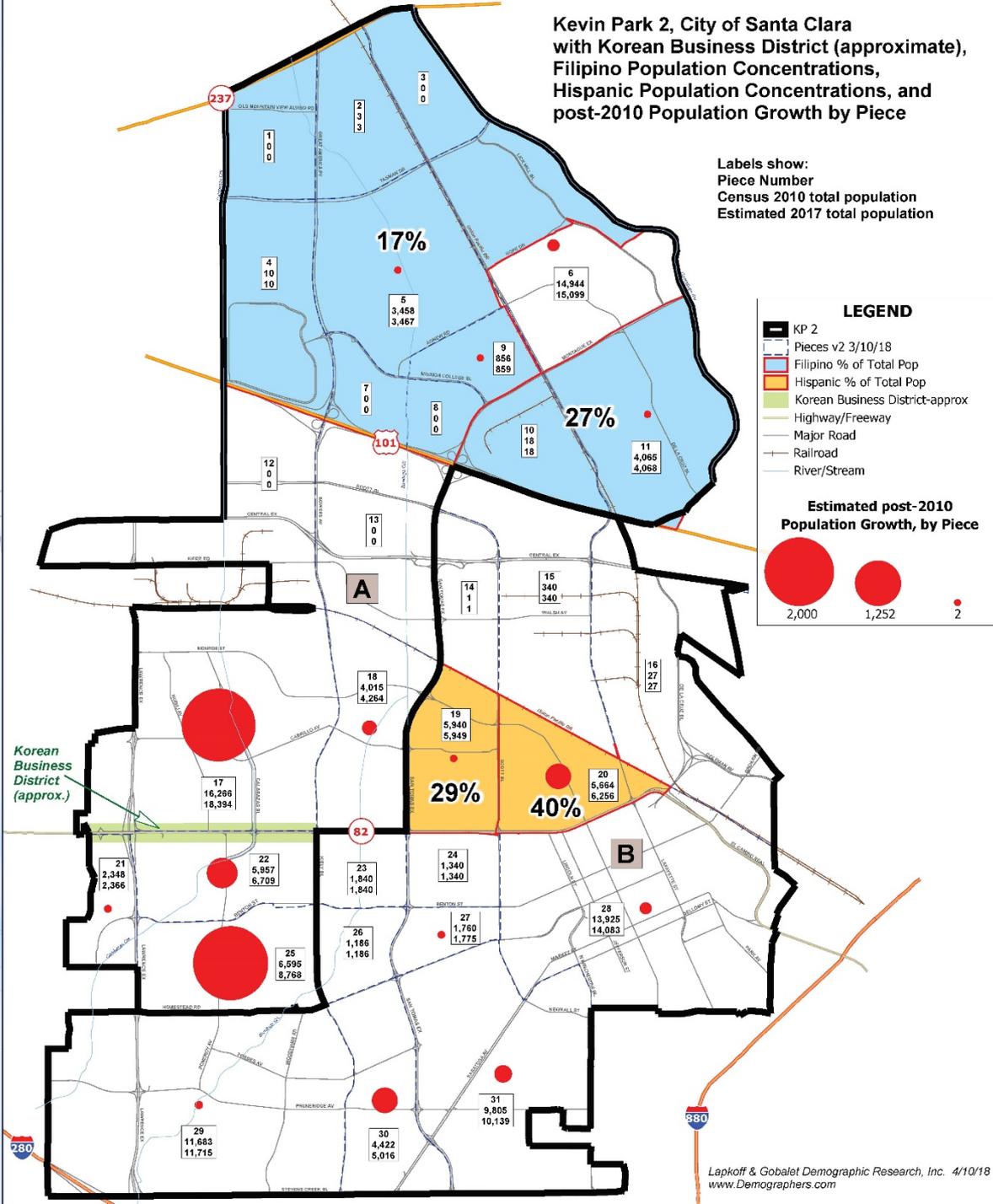**A (West/Northwest) = 39%**
B (East/Southeast) = 21%

Kevin Park 2
City of Santa Clara

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

LEGEND
KP 2
Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

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Kevin Park 2, City of Santa Clara
with Korean Business District (approximate),
Filipino Population Concentrations,
Hispanic Population Concentrations, and
post-2010 Population Growth by Piece

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

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Draft Plan RJ 1

Hybrid plan for Council Districts

Although boundary is simple, Saratoga Creek splits 5 Nextdoor neighborhoods, 4 ESAAS, and 5 precincts. Keeps Filipino and Hispanic concentrations intact.

Plan deviation
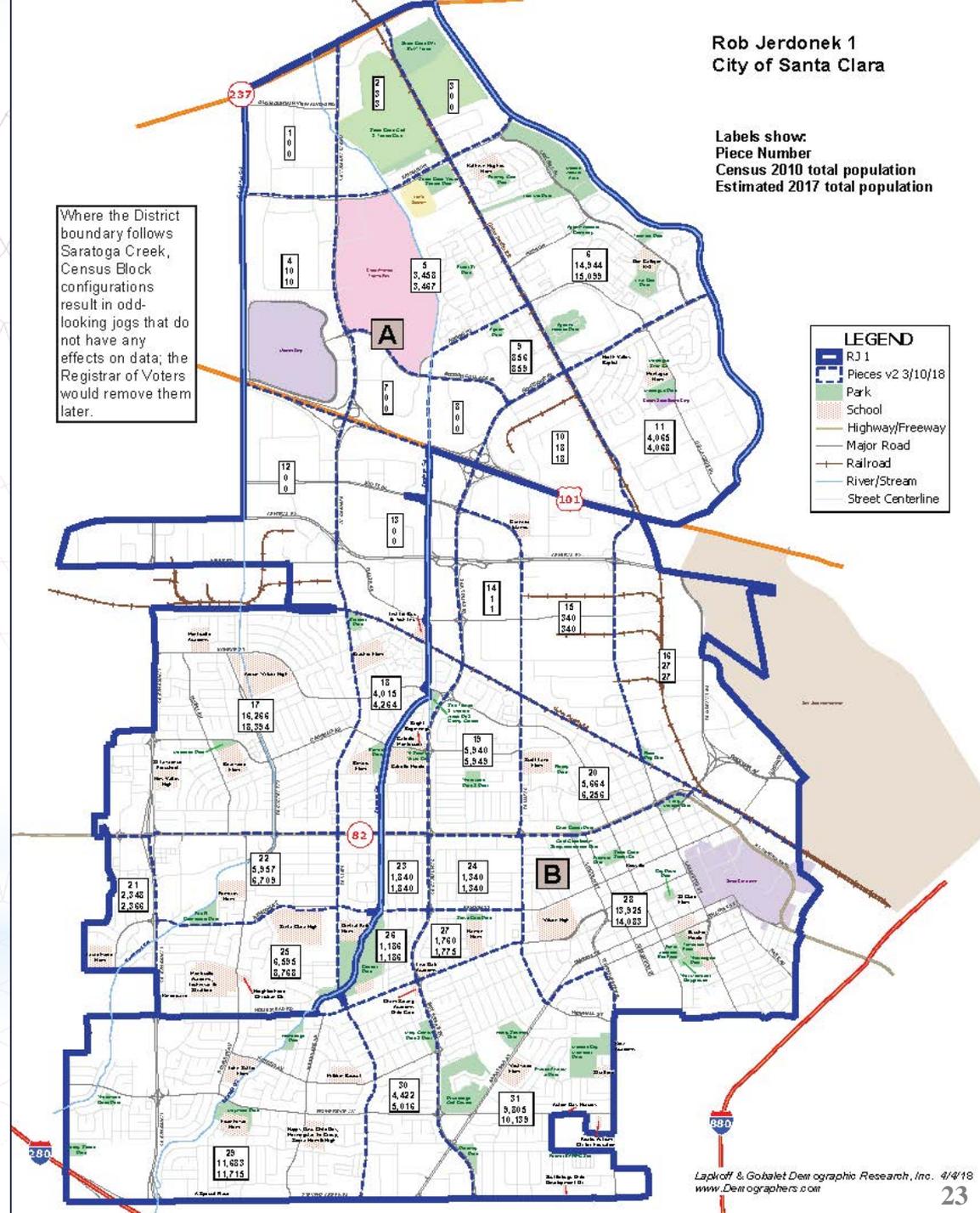
> **2010 = 4.3%**
> **2017 (estimated) = 5.0%**

Estimated Asian CVAP (2012-16)

> **A (West/Northwest) = 39%**
> **B (East/Southeast) = 21%**

Rob Jerdonek 1
City of Santa Clara

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

Where the District boundary follows Saratoga Creek, Census Block configurations result in odd-looking jogs that do not have any effects on data; the Registrar of Voters would remove them later.

LEGEND
RJ 1
Pieces v2 3/10/18
Park
School
Highway/Freeway
Major Road
Railroad
River/Stream
Street Centerline

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Rob Jerdonek, City of Santa Clara
with Korean Business District (approximate),
Filipino Population Concentrations,
Hispanic Population Concentrations, and
post-2010 Population Growth by Piece

Labels show:
Piece Number
Census 2010 total population
Estimated 2017 total population

Where the District boundary follows Saratoga Creek, Census Block configurations result in odd-looking jogs that do not have any effects on data; the Registrar of Voters would remove them later.
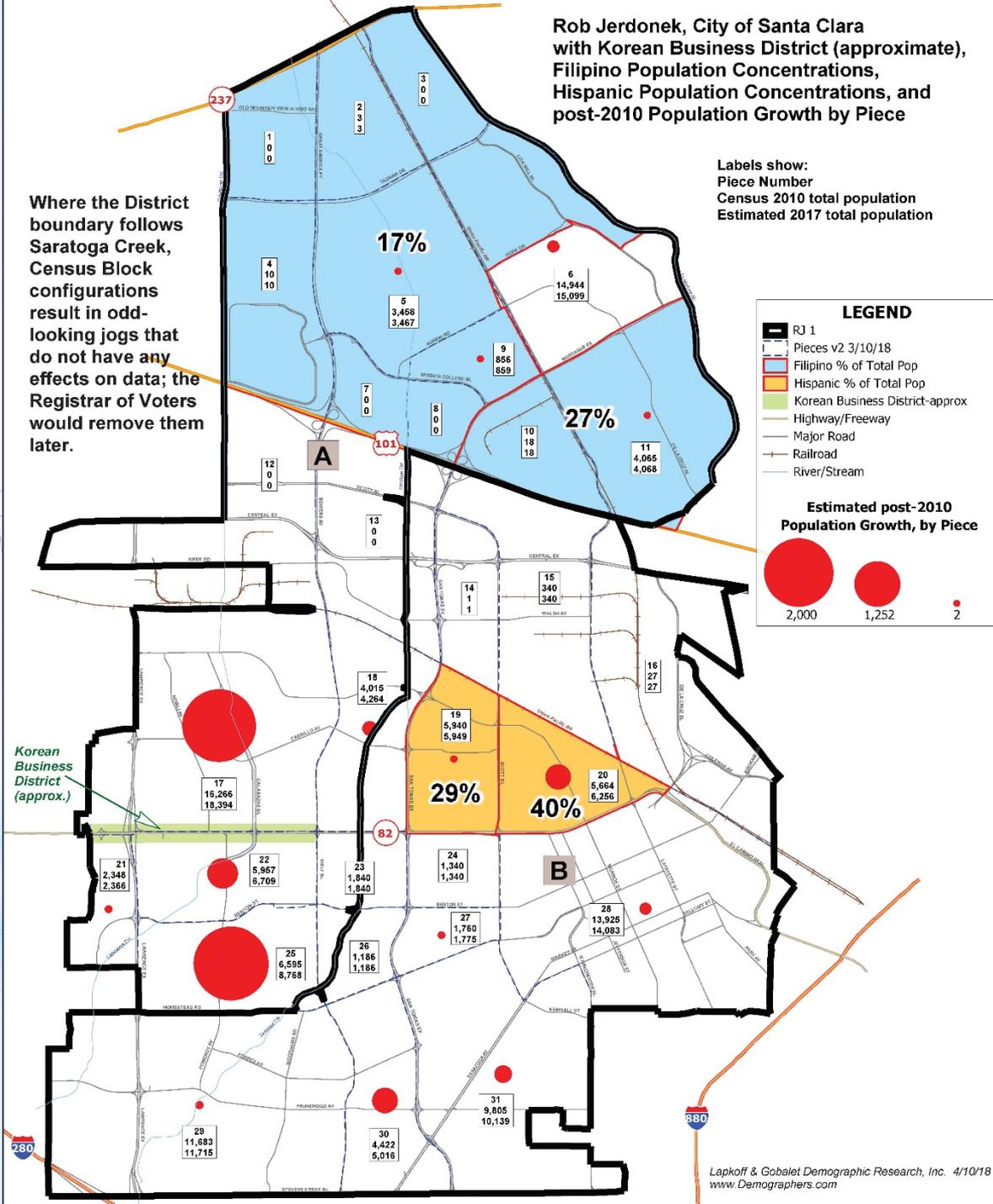
Korean Business District (approx.)

LEGEND
- RJ 1
- Pieces v2 3/10/18
- Filipino % of Total Pop
- Hispanic % of Total Pop
- Korean Business District-approx
- Highway/Freeway
- Major Road
- Railroad
- River/Stream

Estimated post-2010 Population Growth, by Piece
2,000   1,252   2

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Adopting a plan that is less likely to need adjusting after Census 2020

Although the adopted plan will need to be re-evaluated in 2021 (after 2020 Census data are released), nothing further would need to happen if the new deviation is 10% or less--this means choosing a plan whose 2017 estimated deviation is low. Those deviations are shown in this table, Sorted from lowest to highest.

Plan	2010 deviation	Est. 2017 deviation
NS 1	0.05%	0.9%
HH 2	1.0%	2.3%
KP 1	2.6%	3.6%
WE 2	4.3%	5.0%
RJ 1	0.1%	5.3%
KP 2	1.0%	7.0%
HH 1	9.0%	10.0%
WE 1	7.0%	14.1%

Discussion: Choose a Map

Consider tradeoffs and decide which plan best balances all the considerations.

- **Eliminate any plan(s)?**
- **Modify a plan?**

Election Sequencing

For the districting plan that is chosen, the Committee will need to recommend which should be called District 1 (first election in 2018) and which should be called District 2 (first election in 2020).*

- in 2018, elect two members to four-year terms in District 1
- in 2020, elect one member to a two-year term in District 1 and three members to four-year terms in District 2
- In 2022, elect 3 Council Members to District 1
- In 2024, elect 3 Council Members to District 2

*This transition plan was developed by the Charter Review Committee to complete the transition to electing Council members by District as quickly as possible, maintain a balanced turnover and minimize the number of "reduced term" candidates. Only one candidate, the member elected from District 1 in 2020 will have a reduced term of 2 years vs. four years. Consistent with State Law, the sequencing of elections shall not cut short any existing City Councilmember's term. There will be two vacant Council seats in November 2018, so the sequence of elections would not cut short any existing City Councilmember's term.

Election Sequencing: District 1 (2018 election) and District 2 (2020 election)

As pointed out at the last Committee meeting, voter turnout for Presidential elections tends to be much higher than for Gubernatorial elections. This could be a consideration when deciding which is District 1 (Federal Voting Rights compliance).

2018: District 1 residents will elect two Council members to 4-year terms
- 2018 is a Gubernatorial election year.
- In the last Gubernatorial election year (2014), 35.7% of Santa Clara's registered voters actually voted.

2020: District 2 residents will elect one member to a 2-year term and 3 Council members to 4-year terms
- 2020 is a Presidential election year.
- In the last Presidential election year (2016), 83.1% of Santa Clara's registered voters actually voted

Public Comments about Sequencing

Open City Hall: **The posted questions ask only about NS 1, WE 1, and WE 2. Very small numbers of responses.**

In Ad Hoc Committee meetings, **it has been suggested that the part of the city that is currently under-represented on the Council (the North) have the first opportunity to elect a Council member. If this is an important priority, then District 1 (2018 election of one Council member) should include all or part of the North.**

See information, Open City Hall comments, maps, data, and Draft Plans at:

http://www.santaclaraca.gov/government/departments/city-manager/district-elections

Election Sequencing: Incumbency

Name	Term expires	District Assignments:							
		NS 1	WE 1	WE 2	HH 1	HH 2	KP 1	KP 2	RJ 1
Caserta	Nov 2018	South	East	East	B South	B South	B South	B South	B Southeast
Gillmor	Nov 2018	South	West	East	B South	B South	B South	B South	B Southeast
Kolstad	Nov 2018	North	West	West	A North	A North	A North	A North	A Northwest
Davis	Nov 2020	South	West	East	B South	B South	B South	B South	B Southeast
Mahan	Nov 2020	South	East	East	B South	B South	B South	B South	B Southeast
O'Neill	Nov 2020	South	West	East	B South	B South	B South	B South	B Southeast
Watanabe	Nov 2020	North	East	West	A North	A North	A North	A North	A Northwest

Comments /Questions?

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