At the request of the reviewing agency, we have prepared a comparison of the original 140 unit development vs. the current proposed 172 unit development. The remainder of the development does not change.

If we compare **Tables 1 and 2**, there will be a net increase of 11 vehicle trips in the morning peak hour, 13 vehicle trips in the evening peak hour, and 21 vehicle trips in the Saturday peak hour. These additional trips represent the increase in residential units from 140 to 172.

We also compared the results of the Level of Service analysis which is shown in **Table 3**. We have highlighted the changes in yellow between the 140 unit and 172 unit development. There are no changes to the Level of Service (LOS). There are minor changes to the volume/capacity (v/c) ratio and average vehicle delay. In almost every case, the change in the v/c ratio is no greater than 0.2 except of one case where the change is 0.16 in the Saturday peak hour. The changes in the average vehicle delay are also undiscernible to the driver with changes being 0.2 seconds or less except for the Saturday peak hour where the change is 2.0 seconds. This is at the intersection of Route 52/Main Street/Teller Avenue for Route 52 westbound approach.

Since there is no change in the LOS and the changes to the v/c ratio and delays are de minimis, the plan with the 172 unit should be approved.

TABLE 1A - Calculation o	f Weekday Peak Hour Trips
Mid-Rise Apartments L	and Use 223 – 140 units.
Morning Peak Hour	Afternoon Peak Hour
Total Trips = 0.32 x 140 units = 45 trips	Total Trips = 0.40 x 140 units = 56 trips
Trips Entering = 0.31 x 45 trips = 14 trips	Trips Entering = 0.58 x 56 trips = 32 trips
Trips Exiting = 0.69 x 45 trips = 31 trips	Trips Exiting = 0.42 x 56 trips = 24 trips

TABLE 1B - Calculation o	f Weekday Peak Hour Trips
Storage Facility Land	Use 151 – 25,000 sq. ft.
Morning Peak Hour	Afternoon Peak Hour
Total Trips = 0.14 x 25,000 sq. ft. = 4 trips	Total Trips = 0.26 x 25,000 sq. ft. = 7 trips
Trips Entering = 0.55 x 4 trips = 2 trips	Trips Entering = 0.50 x 7 trips = 4 trips
Trips Exiting = 0.45 x 4 trips = 2 trips	Trips Exiting = 0.50 x 7 trips = 3 trips

TABLE 1C - Calculation of V	Veekend Day Peak Hour Trips
Mid-Rise Apartments L	and Use 223 – 140 units
Saturday Peak Hour	
Total Trips = 0.64 x 140 units = 90 trips	
Trips Entering = 0.43 x 77 trips = 39 trips	
Trips Exiting = 0.57 x 77 trips = 51 trips	

TABLE 1D - Calculation of V	Veekend Day Peak Hour Trips
Storage Facility Land	Use 151 – 25,000 sq. ft.
Saturday Peak Hour	
Total Trips = 0.40 x 25,000 sq. ft. = 10 trips	
Trips Entering = 0.50 x 10 trips = 5 trips	
Trips Exiting = 0.50 x 10 trips = 5 trips	

TABLE 2A - Calculation o	f Weekday Peak Hour Trips
Mid-Rise Apartments I	_and Use 223 – 172units
Morning Peak Hour	Afternoon Peak Hour
Total Trips = 0.32 x 172 units = 56 trips	Total Trips = 0.40 x 172 units = 69 trips
Trips Entering = 0.31 x 56 trips = 18 trips	Trips Entering = 0.58 x 69 trips = 41 trips
Trips Exiting = 0.69 x 56 trips = 38 trips	Trips Exiting = 0.42 x 69 trips = 28 trips

TABLE 2B - Calculation o	f Weekday Peak Hour Trips
Self-Storage Land U	se 151 – 25,000 sq. ft.
Morning Peak Hour	Afternoon Peak Hour
Total Trips = 0.14 x 25,000 sq. ft. = 4 trips	Total Trips = 0.26 x 25,000 sq. ft. = 7 trips
Trips Entering = 0.55 x 4 trips = 2 trips	Trips Entering = 0.50 x 7rips = 4 trips
Trips Exiting = 0.45 x 4 trips = 2 trips	Trips Exiting = 0.50 x 7 trips = 3 trips

TABLE 2C - Calculation of V	Veekend Day Peak Hour Trips
Mid-Rise Apartments L	and Use 223 – 172 units
Saturday Peak Hour	
Total Trips = 0.64 x 172 units = 111 trips	
Trips Entering = 0.43 x 111 trips = 48 trips	
Trips Exiting = 0.57 x 111 trips = 63 trips	

TABLE 2D - Calculation of V	Veekend Day Peak Hour Trips
Self-Storage Land U	se 151 – 25,000 sq. ft.
Saturday Peak Hour	
Total Trips = 0.40 x 25,000 sq. ft. = 10 trips	
Trips Entering = 0.50 x 10 trips = 5 trips	
Trips Exiting = 0.50 x 10 trips = 5 trips	

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		2016	BUILD	CAPAC 140 Units SIGN	דא אדי AN s VS 201 ALIZED	BLE 3 ALYSIS (16 BUILD INTERSE	SUMMA	RY TIONS S	172 Unit	S								
	Week	tday AM	2016 B Peak	UILD CC Week	NDITIO	NS - 140 Peak	Units Satu	urday Pe	ak	Weeko	20 lay AM	16 BUIL Peak V	D CON Veekda	IDITION BY PM F	NS - 17 Þeak	2 Units Sature	day Pea	ak
		V/C Ratio	Delav	SO I	V/C Ratio	Delay	S C	V/C Ratio	Delav	SO I	V/C Ratio	L VeleC	с С	V/C Patio		с С	V/C Patio	veler
Route 52/Verplanck Avenue			(pip)			(pip)			6222				-		- -	-		cidy
Koute 52 Eastbound LTR Westbound LTR	88	0.40 0.51	11.7 13.3	88	0.40 0.58	11.6 14.5	മമ	0.40 0.57	11.7 14.1	۵ ۵	0.40 <mark>0.52</mark>	<mark>11.8</mark> 13.5	<u>а</u> в	0.40 0.58	<mark>11.7</mark> 14.5	<u>с</u> а а	.41 1 .58 1	<mark>11.8</mark> 14.3
Verplanck Avenue Northbound LTR Southbound Lt Southbound Th + Rt Overall	U m m m	0.44 0.37 0.28	24.5 14.8 13.7 14.6	0888	0.75 0.34 0.26	38.0 16.1 18.2	്ന് ന്ന് ന്ന് ന്ന് ന്ന് ന്ന് ന്ന് ന്ന്	0.32 0.29 0.28	22.4 14.1 13.5 14.1	് ന ന ന	0.44 0.37 0.28	24.5 14.8 14.6 14.6	D B B B	0.75 0. 0.35 0. 0.26 0	38.0 <mark>16.2</mark> 18.2	U D D D D	0.32 2 0.30 1 0.28 1	22.4 14.1 13.5 14.2
Route 52/Main Street/Teller Avenue Teller Avenue Eastbound LTR	В	0.39	15.8	В	0.43	16.2	В	0.40	15.5	В	0.40	15.8	В	0.43	16.3	о В		15.6
Route 52 Westbound LTR	В	0.51	17.3	В	0.50	16.1	в	0.43	16.0	В	<mark>0.52</mark>	<mark>17.5</mark>	<mark>о</mark> В	0.51 ·	<mark>16.2</mark>	<mark>о</mark> В	.59 1	<mark>18.0</mark>
Main Street Northbound LTR Southbound LTR Overall	4 4 B	0.24 0.25	8.8 9.1 13.5	n < n	0.40 0.32	10.2 9.8 13.1	888	0.50 0.49	12.9 11.2 13.6	<u>م</u> م ۵	0.24 <mark>0.26</mark>	8.8 9.1 <mark>13.6</mark>	n < n	0.40	10.2 9.8 13.1	<u>م</u> م م	.50 1 .49 1	12.9 11.3 14.4
		2016	BUILD	CAPAC 140 Units UNSIG	ד A אל AN SUS 201 NALIZEI	ALYSIS 5 ALYSIS 5 16 BUILD D INTER	SUMMA	RY TIONS NS	172 Unit	Ŋ								
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Route 52/Mill Street Route 52 Eastbound Th + Rt Westbound Lt + Th	2 2 2 2 2 2	0.00	0.0 8.3	2 A A	0.00	0.0 0.8) 4 4	0.00	0.0 8.8) 2	0.00	8.3 0.0	- 00 0 44	0.00	. 0.0 8.6	- 00 0 44	0.00	0.0 8.8
Mill Street Northbound Lt + Rt	ပ	0.16	15.3	ပ	0.21	19.5	D	0.35	27.4	с	0.18	<mark>15.7</mark>	ບ	0.23	20.2	D	.41 3	30.0
Route 52/Delavan Avenue/STS Tire Driveway Route 52 Eastbound LTR Westbound LTR	44	0.04	8.6 8.4	۷ ۷	0.02 0.01	8.6 8.4	44	0.02 0.01	8.8 4.8	4 م	0.04 0.00	8.6 8.4	۵0 م م	0.02	8.6 6.4	۵0 م م	0.02	8.8 8.4
STS Tire Driveway Northbound LTR	В	0.01	11.4	В	0.04	14.8	Ω	0.01	28.7	В	0.01	11.4	В	0.04	<mark>14.9</mark>	0	0.01	2 <mark>9.2</mark>
Delavan Avenue Southbound LTR	Ω	0.31	27.6	с	0.17	19.1	с	0.17	22.1	Δ	0.31	<mark>27.8</mark>	с 0	0.17 .	19.2	с 0	.17	22.6