COCONUT CREEK MAZDA

SITE PLAN AND SPECIAL LAND USE APPLICATION (Revised)

Project Description.

The property that is the subject of this application is five acres in size and is located at the northeast corner of Sample Road and Coral Tree Circle. The property is part of the Tartan Development of Regional Impact developed by Minto Builders and is designated MC in the DRI which is a commercial designation. The property is part of the Tartan Coconut Creek Phase IV Plat (PB 130, P 25, Broward County). The property is designated Commercial on the Land Use Element of the City's Comprehensive Plan and is part of the Township PUD with the underlying zoning designation of B-3. The property is located to the east of the exiting Vista BMW dealership.

Coconut Creek Mazda will be a new car dealership for the Mazda brand of automobiles and will also feature certified pre-owned Mazda's as well as Highline Used Cars such as Lamborghini, Ferraris and Porsche.

The dealership will employee approximately 80 people including salespeople, sales managers, finance managers, service managers and technicians, parts managers and personnel and related support staff. The approximate yearly salary ranges of the categories of employees are as follows:

1 Service manager -\$150-200,000 • 5 Service writers \$75-90,000 • 5 Sales Managers \$150-250,000 • 1 GM \$300,000 • 20 salespersons \$100,000 • 7 office personnel \$75,000 • 1 office manager \$100,000 • 20 Service techs \$50-150,000 • 7 Finance Managers \$200-250,000 • 5 lot attendants \$35-50,000 • 5 cashiers/receptionist \$35-50,000 1 Parts managers \$90,000 2 Parts Counter \$40,000

Coconut Creek Mazda will focus on hiring people from within the community that is being served. Typically, they give preference to applicants that live within 10 miles of a dealership.

The showroom hours will be 9 am to 9 pm Monday-Friday, 9 am to 7 pm on Saturday and 11 am to 5 pm on Sunday. The service hours will be 7:30 am to 6 pm Monday-Saturday. After hours pickup and drop off will be available.

The showroom and customer experience will be upscale in every way with free wifi, drinks and snacks. In addition, the dealership will maintain an extensive fleet of loaner cars for use by customers.

The Coconut Creek Mazda project consists of the following elements:

A single three-story building that includes:

- approximately 11,976 sf of air-conditioned office/showroom space on the first floor and 4,078 sf on the second floor
- 16 air-conditioned service bays plus two alignment bays with a total of approximately 8.898 sf in size.
- Non-air-conditioned but covered service reception area.
- Parking garage for employee parking and vehicle inventory on the second floor.
- The third floor will be an uncovered parking lot for vehicle inventory.
- The building will hold a total of 175 vehicles for inventory.

The site plan also provides surface parking for employees and customers as well surface parking spaces for inventory vehicles.

As shown on the site plan, the main entrance to dealership for both sales and service will be from Coral Tree Circle approximately 150 feet north of Sample Road. There is a secondary entrance and exit on Coral Tree Circle on the north end of the property that will be used sparingly.

The Dealership.

Coconut Creek Mazda is part of family of twelve dealerships under the same ownership in Florida and also in New Jersey and New York. The Florida related dealerships are: Mazda Of Palm Beach 2677 Northlake Blvd North Palm Beach 33403 and Palm Beach Select Cars (Highline Division) 2677 Northlake Blvd North Palm Beach 33403.

The Palm Beach County facility is an A plus rated BBB dealer and a 2020 and 2021 Dealer of the year for Customer Service given to the company by Dealer Rater. The Palm Beach County dealership is a Gold Cup Award Mazda Dealer since the facility was opened the in 2017. are also the highest rated and awarded Mazda dealer in the entire State of Florida. The dealership is

currently the number one Mazda dealer in the nation for Certified Pre-Owned vehicles and in the Top 20 in the nation for new car sales.

The dealership ownership has been and will continue to be very involved in the communities in which they are located and which they serve. The dealerships support local groups in a wide range of community and charitable endeavors.

Special Land Use Standards. (Sec. 13-35)

- (f) *General standards*. Prior to approving any special land use application, the planning and zoning board and city commission shall find based on competent and substantial evidence that:
 - (1) The proposed special land use will be in harmony with nearby uses permitted under Article III of this chapter;

The B-3 zoning district permits a wide range of business, retail and office uses. The Coconut Creek Mazda dealership is compatible with the permitted uses in B-3 and also with the existing uses in the Sample Road corridor including the existing Vista BMW dealership. There are no characteristics of the proposed dealership which are not consistent with the other permitted commercial uses in the B-3 district.

Other new car dealerships in the area include JM Lexus at 5350 W. Sample Road, Al Hendrickson Toyota at 5201 W. Sample Road and Infiniti of Coconut Creek at 5501 W. Sample Road, all in the City of Margate but directly west of the proposed Coconut Creek Mazda.

The JM Lexus dealership consists of a new car and premium used car sales center, a service center and, like the Coconut Creek Mazda dealership, a parking garage as well as surface parking for inventory vehicles. The JM Lexus dealership has co-existed for many years with multi-family development that are directly across Banks Road.

The dealership will have minimal impact on the senior living facility to the west of the dealership as a result of both the existing design features of the senior living facility and the design and operational features of the dealership. The senior facility is designed so that the buildings are at an angle to the property line with only the tips of two wings of the building close to the property line. The entire eastern property line of the senior facility is covered in dense, mature landscaping also. The dealership will be constructing a six feet high concrete wall on the property line with a significant and dense landscape buffer also.

The dealership will have very limited activities on west side of its property other than parking and parts loading (step van). The actual building of the dealership is set back 72 feet from property line including the 12' landscape strip inside the concrete wall. There will be minimal comingling of traffic. The senior facility has an entrance and exit drive on Sample Road with a secondary access on Coral Tree Circle. There will be minimal traffic from the dealership on Coral Tree Circle.

(2) The proposed special land use will be in harmony with nearby existing uses;

The property is east of the existing Vista BMW new car dealership which is a much larger but similar type of use. The parcels directly to the west of the property are senior living facilities. With the existing mature vegetation on both properties and the existing setbacks it is unlikely that the dealership will generate any negative impacts on the senior living facilities. The dealership will not generate impacts, including noise and light, that are different in kind or degree from those impacts associated with other permitted uses in the B-3 zoning district including but not limited to permitted retail development.

A six foot high concrete wall will be constructed on the west property line adjacent to the senior living facility to work with the landscape buffer for the creation of a visual and sound barrier in addition to the existing design features of the senior living facility discussed in (1) above.

The Olivine at the Township condominium complex is located on the east and north side of Coral Tree Circle but is separated from the dealership property by extensive mature landscape buffering and an internal frontage road in the Olivine development. The design features of both the Olivine development and the Coconut Creek Mazda project mitigate against any possible impacts from the dealership and therefore the uses are compatible and in harmony with each other.

The service bays are facing the north towards Coral Tree Circle. However, the service bay doors will be high speed quiet doors that will open and close in seconds in virtual silence. The doors will always remain closed as a sound and visual barrier except when cars are entering and exiting the service area. In addition, as indicated on the site plan, a six foot concrete wall will be constructed between the service bay doors and loading area and the dry retention area on north to act as a further visual and noise buffer.

There will be no business deliveries etc. at the north entrance on Coral Tree Circle. All deliveries and all test drive routes will come and go from the southern entrance next to Sample Road. A truck routing plan is part of the site plan resubmittal.

The lighting plan will meet all requirements of the City to cause very little light spillage over the property line.

(3) The proposed special land use must be reasonably compatible with surrounding and adjacent uses in its function, its hours of operation, the type and amount of traffic to be generated, the building size and setbacks, and its relationships to the land values;

The hours of operation of the dealership will be similar to the hours of operation of other commercial uses permitted in the B-3 zoning district. With the main entrance of the dealership located close to Sample Road, the operation and function of the dealership will be compatible with surrounding uses on the east and north side of Coral Tree Circle as well as the uses along Sample Road. The traffic generation issues will be addressed separately by the traffic engineer. However, the dealership has been designed and will be operated in such a manner to minimize the use of Coral Tree Circle north of the access drive which is directly north of Sample Road.

The showroom hours will be 9 am to 9 pm Monday-Friday, 9 am to 7 pm on Saturday and 11 am to 5 pm on Sunday. The service hours will be 7:30 am to 6 pm Monday-Saturday. After hours pickup and drop off will be available.

The physical and operational measures that will be employed to mitigate against any impacts on the surrounding properties have been discussed above and include the construction of sound and visual barrier walls, the existence of mature landscaping and the employment of high-speed service bay doors that open and close in seconds almost silently.

(4) The proposed special land use will be in the best interests of the city, the convenience of the community, the public welfare, and be a substantial improvement to the property in the immediate vicinity;

The Coconut Creek Mazda dealership will provide services that will benefit all the residents of Coconut Creek in a first class, state of the art facility that will generate substantial employment and a substantial tax base. The state of the art facility is also unique to other new car dealerships in that it will offer Highline Used Cars which will bring a new, very high-end service to the City.

The Coconut Creek Mazda dealership will also substantially enhance the City's tax base. The total construction cost of the dealership will be approximately \$14,000,000 plus the land cost of \$5,100,000 for an overall cost in excess of \$19,000,000. The property taxes generated will be in excess of \$350,000.00 per year based on the 20.6466 millage rate in

- 2020. In addition, the Coconut Creek Mazda dealership will general approximately \$150,000,000 annually in combined sales of new and used cars, services and parts.
- (5) The proposed special land use will contribute to the economic stability of the community;

The increase of the employment base and tax base resulting from the Coconut Creek Mazda dealership will substantially contribute to the economic stability of the community (see (4) above).

- (6) The proposed special land use will not decrease public benefit or increase undesirable impacts other than those resulting from use of the site as permitted by right under Article III of this chapter or some other special land use permitted on the site;
 - The B-3 zoning district permits a wide range of business, commercial and office uses as a matter of right. The proposed Coconut Creek Mazda dealership will not generate any adverse impacts that are different in either kind or degree from other permitted uses in the B-3 district. All vehicle services will be provided in a fully enclosed building in order to minimize noise and visual impacts.
- (7) The proposed special land use will not result in more intensive development than what is approved by the land use element of the comprehensive plan.
 - The City's land use element permits a wide range of commercial uses in the Commercial land use district. The proposed dealership will be constructed in accordance with the requirements of the land development code which limits height and bulk and requires sufficient parking and landscaping. The level of development associated with the proposed dealership is similar in intensity to other commercial uses permitted under the land use element and the land development code.
- (8) The proposed special land use will be consistent with goals, objectives, and policies of the comprehensive plan.
 - The comprehensive plan encourages commercial development along major corridors such as Sample Road. The proposed dealership is the type of employment and economic base commercial development that is encouraged by the goals, objectives and policies in the comprehensive plan. The employment base is discussed in the project description above.
- (g) *Specific standards for all uses*. Prior to approving any special land use application, the planning and zoning board and the city commission will find based on competent substantial evidence:

(1) The proposed use will not reduce the level of service provided on any street to a lower level than would result from a development permitted by right.

As documented in Tables 2 and 3 of the Traffic Tech Traffic Report, the current level of service on the major thoroughfare (Sample Road) is LOS "C" and will remain at LOS "C" after the Coconut Creek Mazda project is built and occupied.

(2) The proposed use will not result in a significantly greater amount of through traffic on local streets than would result from a development permitted by right.

Cut through traffic is not anticipated as a result of this project. Most of the traffic will arrive/depart from/to Sample Road.

- (3) The proposed use will not require extension or enlargement of the thoroughfare system at a higher net public cost than would result from a development permitted by right.
 - Level of service on the roadways is met and, therefore, no roadway widening is required as a result of the project.
- (4) The proposed use will not require enlargement or alteration of utility facilities, drainage systems, and other utility systems other than what would result from a development permitted by right.
 - The Coconut Creek Mazda dealership will not require any extraordinary drainage of utility facilities as shown on the engineering plans submitted with the site plan. The impact on services of the dealership are not in excess of the impacts associated with as of right permitted uses.
- (5) The proposed use will not demand greater municipal public safety services exceeding the demand resulting from a development permitted by right.
 - There is no aspect of the proposed dealership which would require additional public safety services over and above those required for an as-of-right development. New car dealerships have no history of being a burden on police or fire services and have always operated safely.
- (6) If a special land use is combined with other special land uses or permitted uses on a site, the overall intensity and scale of uses on the site is appropriate given the adequacy of proposed buffers and setbacks and the land uses of surrounding properties.

Not applicable.



Coconut Creek Mazda

City of Coconut Creek, Florida 33073

prepared for:

Pompano Autoplex, LLC

traffic statement





Pompano Autoplex LLC c/o Tom Curtin 3757 Coral Tree Circle Coconut Creek, Florida 33073 July 29, 2021

Re: Coconut Creek Mazda - Traffic Engineering Evaluation

Dear Tom:

Traf Tech Engineering, Inc. conducted a traffic evaluation associated with a proposed automobile dealership development planned to be located on the north side of Sample Road just west of Coral Tree Circle in the City of Coconut Creek in Broward County, Florida. This traffic impact statement addresses trip generation, projected driveway volumes and traffic impacts on the nearby street system.

Trip Generation

A trip generation analysis was performed using the trip generation equations published in the Institute of Transportation Engineer's (ITE) Trip Generation Manual (10th Edition). The trip generation analysis was undertaken for daily, AM peak hour, and PM peak hour conditions. The analysis was based on the following assumptions:

EXISTING LAND USE

o 15,091 gross square feet of office use

PROPOSED LAND USE

o 42,349 gross square feet of automobile sales (refer to attached site plan)

According to ITE's *Trip Generation Manual (10th Edition)*, the trip generation equations used for the existing and proposed land uses are:

Office Building (ITE Land Use 720)

Daily Trips

Ln(T) = 0.97 Ln(X) + 2.50

Where T = average daily vehicle trip ends and X = 1,000 square feet

AM Peak Hour

T = 0.94 (X) + 26.49 with 86% inbound and 14% outbound

Where T = AM peak hour trip ends and X = 1,000 square feet



PM Peak Hour

Ln(T) = 0.95 Ln(X) + 0.36 with 16% inbound and 86% outbound Where T = PM peak hour trip ends and X = 1,000 square feet

<u>Automobile Sales (ITE Land Use 840)</u>

Daily Trips

T = 27.84 (X)

Where T = average daily vehicle trip ends and X = 1,000 square feet

AM Peak Hour

T = 1.87 (X) with 73% inbound and 27% outbound Where T = AM peak hour trip ends and X = 1,000 square feet

PM Peak Hour

T = 2.43 (X) with 40% inbound and 60% outbound Where T = PM peak hour trip ends and X = 1,000 square feet

Using the above-listed trip generation equations from the ITE document, a trip generation analysis was undertaken for the existing office use and the proposed automobile dealership. The results of this effort are documented in Tables 1a and 1b. As indicated in the tables, the Coconut Creek Mazda project is anticipated to generate approximately 784 new daily trips, approximately 23 new AM peak hour trips (12 inbound and 11 outbound) and approximately 64 new PM peak hour trips (30 inbound and 34 outbound).

			Trin Gon	TABLE eration Sumn		r Hoo)			
			Trip Gen	Coconut Cree	• •	y USe)			
AM Peak Hour PM Peak Hour									
Land Use	Size	9	Daily Trips				Total Trips	Inbound	Outbound
Office (LUC 710)	15,091	sf	169	41	35	6	19	3	16
External Trips			169	41	35	6	19	3	16
Source: ITE Trip Generation I	Manual (1	0th E	dition)						
TABLE 1b									
			irip Gene	eration Summ Coconut Cree	• • •	a use)			
		l	Ι		AM Peak Hou	r	-	PM Peak Hou	ır
Land Use	Size		Daily Trips	Total Trips	Inbound	Outbound	Total Trips	Inbound	Outbound
Automobile Sales (LUC 840)	34,249	sf	953	64	47	17	83	33	50
External Trips			953	64	47	17	83	33	50
Source: ITE Trip Generation I	Manual (1	0th E	dition)						
Comparison Existing Office	Use vs F	ropo	sed Automobile	e Sales					
					AM Peak Hou			PM Peak Hou	-
			Daily Trips	Total Trips	Inbound	Outbound	Total Trips	Inbound	Outbound
Difference in Trips			784	23	12	11	64	30	34



Trip Distribution and Driveway Assignment

The trip distribution and traffic assignment for the AM and PM peak-hour trips documented in the trip generation table was based on current traffic patterns, nearby land uses and the existing transportation network near the project site. The following traffic assignment was assumed for the proposed project:

- o 30% to and from the east via Sample Road
- o 50% to and from the west via Sample Road
 - 40% west of Lyons Road
 - 10% Lyons Road south of Sample Road
- o 15% to and from the north on Lyons Road via Coral Tree Circle
- o 15% (includes the above 10%) to and from the south via Lyons Road. Of this 15%, 10% uses Sample Road and 5% uses Coral Tree Circle

Figure 1 depicts the peak hour traffic assignment of the proposed automobile dealership at the access driveways on Coral Tree Circle.

Roadway Capacity and Level of Service Analysis

As indicated in the project trip distribution documented above, most of the project trips (80%) will arrive/depart via Sample Road at Coral Tree Circle. Hence, a roadway capacity analysis was undertaken on Sample Road, both east and west of Coral Tree Circle. For this evaluation, traffic counts recorded by the FDOT, pre-pandemic, were used. The capacity of the Sample Road was based on information published in FDOT's 2020 Quality/Level of Service Handbook. Tables 2 and 3 show that Sample Road has ample capacity to accommodate the additional trips generated by the proposed Coconut Creek Mazda dealership. The projected level of service for Sample Road is "C", which is acceptable.



Analysis of Deviations from PUD

The increase in the amount of daily and peak hour traffic caused by the project was determined on Sample Road, both east and west of Coral Tree Circle. As indicated in Tables 4 and 5, the increase in both daily and peak hour traffic is less than one percent (<1%).

Please give me a call if you have any questions.

Sincerely,

TRAF TECH ENGINEERING, INC.

Joaquin E. Vargas, P.E. Senior Transportation Engineer

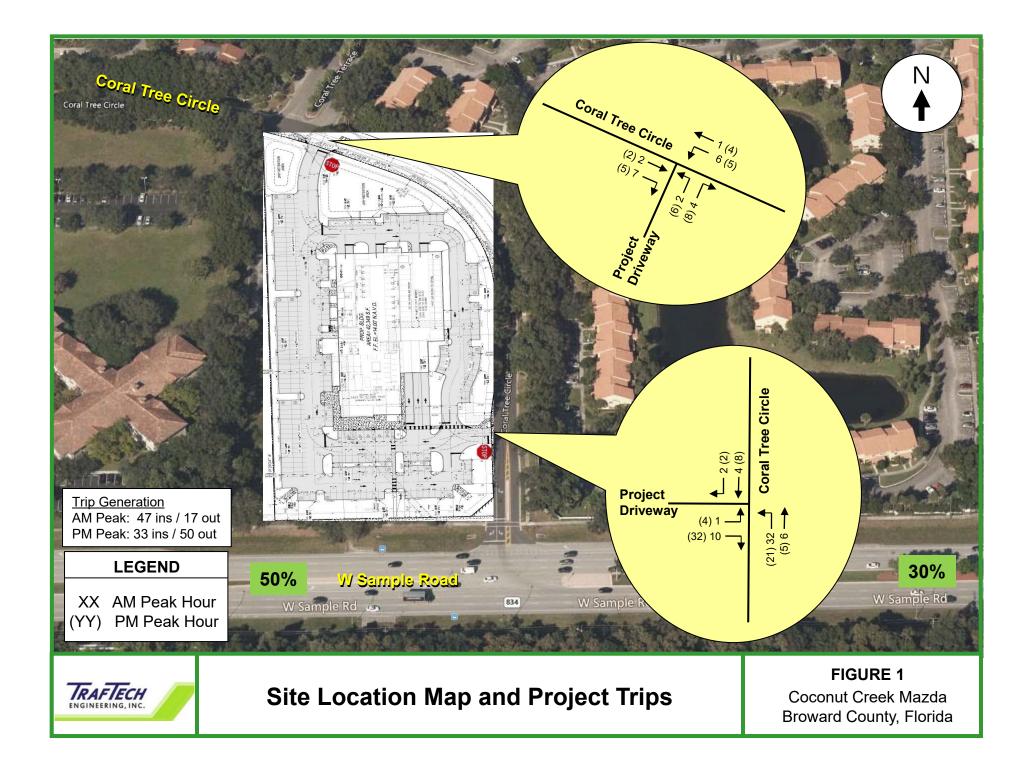


TABLE 2 Capacity Evaluation on Sample Road Near the Project Site - AM Peak Hour **Coral Creek Mazda** Pre-Pandemic Projected Year 2023 **Project** Reserved Year 2019 Roadway Total **Traffic Count (1)** Traffic Volume (2) **Traffic Trips** Capacity (3) **Trips** LOS Location Sample Road - Lyons Road to Coral Tree Circle 3,408 3,477 3,489 1,901 12 5,390 Sample Road - Coral Tree Circle to Florida's Tpk 3,477 3,488 5,390 1,902 С 3,408 11

SOURCE: FDOT, Broward County and Traf Tech Engineering, Inc.

TABLE 3 Capacity Evaluation on Sample Road Near the Project Site - PM Peak Hour Coral Creek Mazda									
Pre-Pandemic Projected Year 2019 Year 2023 Project Total Roadway Reserved Location Traffic Count (1) Traffic Volume (2) Trips Traffic Capacity (3) Trips						LOS			
Sample Road - Lyons Road to Coral Tree Circle Sample Road - Coral Tree Circle to Florida's Tpk	4,864 4,864	4,962 4,962	32 20	4,994 4,982	5,390 5,390	396 408	0 0		

SOURCE: FDOT, Broward County and Traf Tech Engineering, Inc.



⁽¹⁾ FDOT Traffic Counts (refer to Attachment B)

⁽²⁾ Based on 5-year historical traffic counts (refer to Attachment B), projected traffic using a 0.5% growth rate to anticipated project's buildout year

^{(3) 2020} Quality / Level of Service Handbook

TABLE 4 **Increase in Daily Traffic Coral Creek Mazda** Pre-Pandemic Increase in Projected Year 2019 Year 2023 **Project** Daily Total Traffic Volume (2) Traffic **Traffic Count (1)** Trips Traffic (%) Location Sample Road - Lyons Road to Coral Tree Circle 49,229 50,221 392 50,613 0.78% Sample Road - Coral Tree Circle to Florida's Tpk 49,229 50,221 235 50,456 0.47%

SOURCE: FDOT, Broward County and Traf Tech Engineering, Inc.

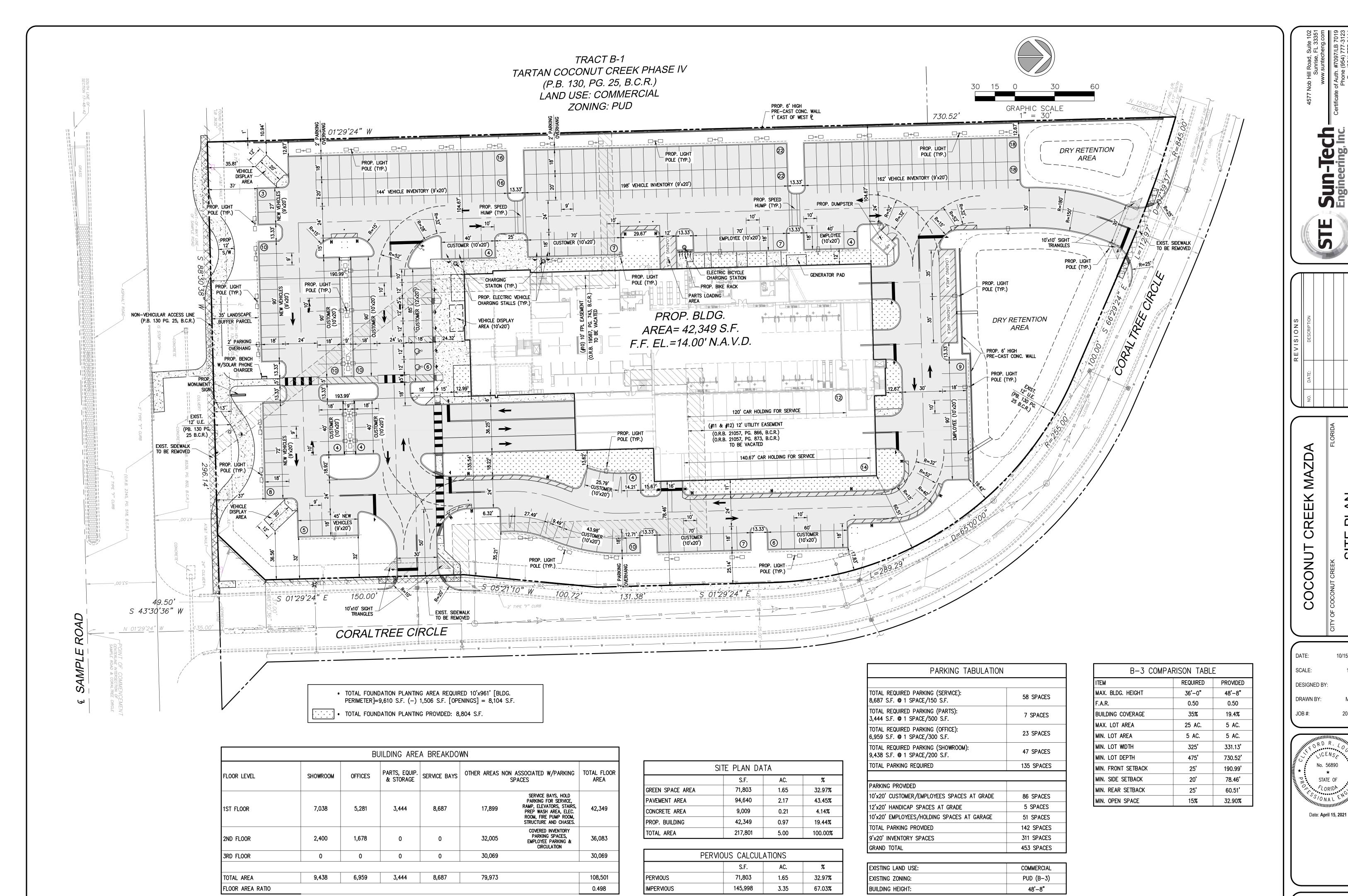
TABLE 5 Increase in Peak Hour Traffic Coral Creek Mazda							
Location	Pre-Pandemic Year 2019 Traffic Count (1)	Projected Year 2023 Traffic Volume (2)	Project Trips	Total Traffic	Increase in Peak Hour Traffic (%)		
Sample Road - Lyons Road to Coral Tree Circle Sample Road - Coral Tree Circle to Florida's Tpk	4,864 4,864	4,962 4,962	32 20	4,994 4,982	0.64% 0.40%		

SOURCE: FDOT, Broward County and Traf Tech Engineering, Inc.

- (1) FDOT Traffic Counts (refer to Attachment B)
- (2) Based on 5-year historical traffic counts (refer to Attachment B), projected traffic using a 0.5% growth rate to anticipated project's buildout year



ATTACHMENT A Site Plan for Coconut Creek Mazda



FILE: K:\PROJECTS\20-xxx\20-4035\dwg\4035sp.dwg PLOT DATE: 4/15/2021 10:56 AM BY: Andy Venneman

LAYOUT: [SP-1]

SHEET No.

10/15/2020

1"=30'

20-4035

ATTACHMENT B

Traffic Counts and Roadway
Capacity Information

86 COUNTY: 0053 STATION:

DESCRIPTION: SR 834 / SAMPLE RD - W OF SR 91/FLA TPK

START DATE: 01/22/2019

START TIME: 0000

TIME	1ST	DIRI 2ND	ECTION: 3RD	E 4TH	TOTAL	1ST	DIRI 2ND	ECTION: 3RD	 W 4ТН	TOTAL	COMBINED TOTAL
0000	75	52	58	 45	230	120	122	95	96	433	663
0100	56	40	42	33	171	56	53	50	51	210	381
0200	26	28	38	26	118	43	44	44	24	155	273
0300	44	47	39	46	176	42	35	54	22	153	329
0400	59	68	80	86	293	22	42	38	51	153	446
0500	62	107	186	181	536	68	82	99	133	382	918
0600	243	368	416	504	1531	114	146	204	142	606	2137
0700	610	705	747	687	2749	133	132	150	157	572	3321
0800	693	721	576	557	2547	120	133	146	133	532	3079
0900	408	467	340	351	1566	156	140	142	122	560	2126
1000	270	301	317	270	1158	122	154	165	185	626	1784
1100	335	317	333	357	1342	193	131	174	200	698	2040
1200	303	334	334	376	1347	168	154	182	192	696	2043
1300	380	335	383	355	1453	188	197	183	203	771	2224
1400	347	387	402	294	1430	199	177	217	215	808	2238
1500	431	412	343	380	1566	215	204	238	250	907	2473
1600	325	399	382	308	1414	254	324	430	671	1679	3093
1700	376	338	351	342	1407	781	851	934	833	3399	4806
1800	321	316	284	241	1162	894	726	687	717	3024	4186
1900	301	284	218	250	1053	539	556	549	463	2107	3160
2000	237	212	199	174	822	467	449	448	378	1742	2564
2100	209	220	166	183	778	371	353	339	211	1274	2052
2200	174	161	161	112	608	296	289	284	228	1097	1705
2300	125	106	86 	96 	413	192	218	213	152 	775	1188
24-HOU	R TOTAL:	S:			25870					23359	49229

24-HOUR TOTALS:	25870	23359	49229

			PEAK VOLUME	INFORMATION		
	DIREC	TION: E	DIREC	TION: W	COMBINED	DIRECTIONS
	HOUR	VOLUME	HOUR	VOLUME	HOUR	VOLUME
A.M.	730	2848	830	575	730	3408
P.M.	1500	1566	1715	3512	1715	4864
DAILY	730	2848	1715	3512	1715	4864

FLORIDA DEPARTMENT OF TRANSPORTATION TRANSPORTATION STATISTICS OFFICE 2019 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 0053 - SR 834 / SAMPLE RD - W OF SR 91/FLA TPK

YEAR	AADT	DIRECTION	1 1 DI	RECTION 2	*K FACTOR	D FACTOR	T FACTOR
2019	48500 C	E 25500	W	23000	9.00	54.60	4.30
2018	50500 C	E 25000	W	25500	9.00	54.50	4.30
2017	52500 C	E 25500	W	27000	9.00	51.90	4.30
2016	53000 C	E 26500	W	26500	9.00	54.10	4.40
2015	53000 C	E 26000	W	27000	9.00	54.00	4.40
2014	48000 C	E 24500	W	23500	9.00	54.20	4.40
2013	53500 C	E 27000	W	26500	9.00	53.60	5.80
2012	53500 C	E 26500	W	27000	9.00	52.20	5.80
2011	48500 C	E 23000	W	25500	9.00	52.50	4.40
2010	54000 C	E 26500	W	27500	8.35	52.69	4.00
2009	60500 C	E 29000	W	31500	8.53	53.89	4.40
2008	61000 C	E 31000	W	30000	8.81	54.16	2.70
2007	61500 C	E 31000	W	30500	8.63	55.75	2.70
2006	62000 C	E 30500	W	31500	8.40	55.34	2.70
2005	58500 C	E 28000	W	30500	8.20	51.70	2.50
2004	58000 C	E 29000	W	29000	9.10	55.30	2.50

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE

S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE

V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN

*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

Urbanized Areas ¹									January 2020		
	INTERF	RUPTED FLO	W FACII	LITIES			UNINTER	RUPTED	FLOW F	ACILITIES	•
	STATE S	IGNALIZE	ED ART	ERIAL	S	FREEWAYS					
	Class I (40 mph or higher posted speed limit)							Core Ur	banized		
Lanes	Median	В	C	D	É	Lanes	В	C	•	D	E
2	Undivided	*	1,510	1,600	**	4	4,050	5,6	40	6,800	7,420
4	Divided	*	3,420	3,580	**	6	5,960	8,3	10	10,220	11,150
6	Divided	*	5,250	5,390	**	8	7,840	10,9	60	13,620	14,850
8	Divided	*	7,090	7,210	**	10	9,800	13,5	10	17,040	18,580
	Cl II (25	11.			:4)	12	11,600	16,3	50 2	20,930	23,200
	Class II (35 1	•	-	-				TT.1.			
Lanes	Median	B *	C	D	E	, .	ъ	Urba		ъ	т.
2	Undivided		660	1,330	1,410	Lanes	B	C		D	E
4	Divided	*	1,310	2,920	3,040	4	4,130		640	7,070	7,690
6	Divided	*	2,090	4,500	4,590	6	6,200			10,510	11,530
8	Divided	*	2,880	6,060	6,130	8	8,270	11,2		13,960	15,380
						10	10,350	14,	110	17,310	19,220
	Non-State Si				nts		F	reeway A	djustmer	ıts	
		r corresponding		nes			Auxiliary Land			Ramp	
	N C4-4-	by the indicated	percent.)	100/						Metering	
	Non-State	Signalized Ro	oadways	- 10%		+ 1,800 + 5%					
	Median	& Turn Lai			4	UNINTERRUPTED FLOW HIGHWAYS				VS	
Lanes	Median	Exclusive Left Lanes	Exclus Right L		djustment Factors	Lanes	Median	В	C	D	Е
2	Divided	Yes	No No	anes	+5%	2	Undivided	1,050	1,620	2,180	2,930
2	Undivided	No	No		-20%	4	Divided	3,270	4,730	5,960	6,780
Multi	Undivided	Yes	No		-5%	6	Divided	4,910	7,090	8,950	10,180
Multi	Undivided	No	No		-25%		Divided	7,710	7,000	0,230	10,100
_	_	_	Yes		+ 5%		Uninterrupt	od Elow I	Jiahway	Adiustman	. * 6
						Lanes	Median		ngnway e left lanes		ent factors
	One-V	Way Facility	Adjustn	nent		2	Divided		es	-	-5%
		the correspondi				Multi	Undivided		es		5%
	VO	olumes in this t	able by 0.6			Multi	Undivided				3% 25%
	Multi Undivided No -25% BICYCLE MODE ² Walues shown are presented as peak hour directional volumes for levels of service and are for the automobile/truck modes unless specifically stated. This table does not							of service and			

are for the automobile/truck modes unless specifically stated. This table does not constitute a standard and should be used only for general planning applications. The computer models from which this table is derived should be used for more specific planning applications. The table and deriving computer models should not be used for corridor or intersection design, where more refined techniques exist. Calculations are based on planning applications of the HCM and the Transit Capacity and Quality of Service Manual.

- ² Level of service for the bicycle and pedestrian modes in this table is based on number of vehicles, not number of bicyclists or pedestrians using the facility.
- ³ Buses per hour shown are only for the peak hour in the single direction of the higher traffic
- * Cannot be achieved using table input value defaults.
- ** Not applicable for that level of service letter grade. For the automobile mode, volumes greater than level of service D become F because intersection capacities have been reached. For the bicycle mode, the level of service letter grade (including F) is not achievable because there is no maximum vehicle volume threshold using table input value defaults.

Florida Department of Transportation Systems Implementation Office https://www.fdot.gov/planning/systems/

(Multiply vehicle volumes shown below by number of directional roadway lanes to determine two-way maximum service volumes.)

Paved		
Shoulder/Bicycle		
Lane Coverage	В	
0.400/	*	

Direction Diejere				
Lane Coverage	В	C	D	E
0-49%	*	260	680	1,770
50-84%	190	600	1,770	>1,770
85-100%	830	1,700	>1,770	**

PEDESTRIAN MODE²

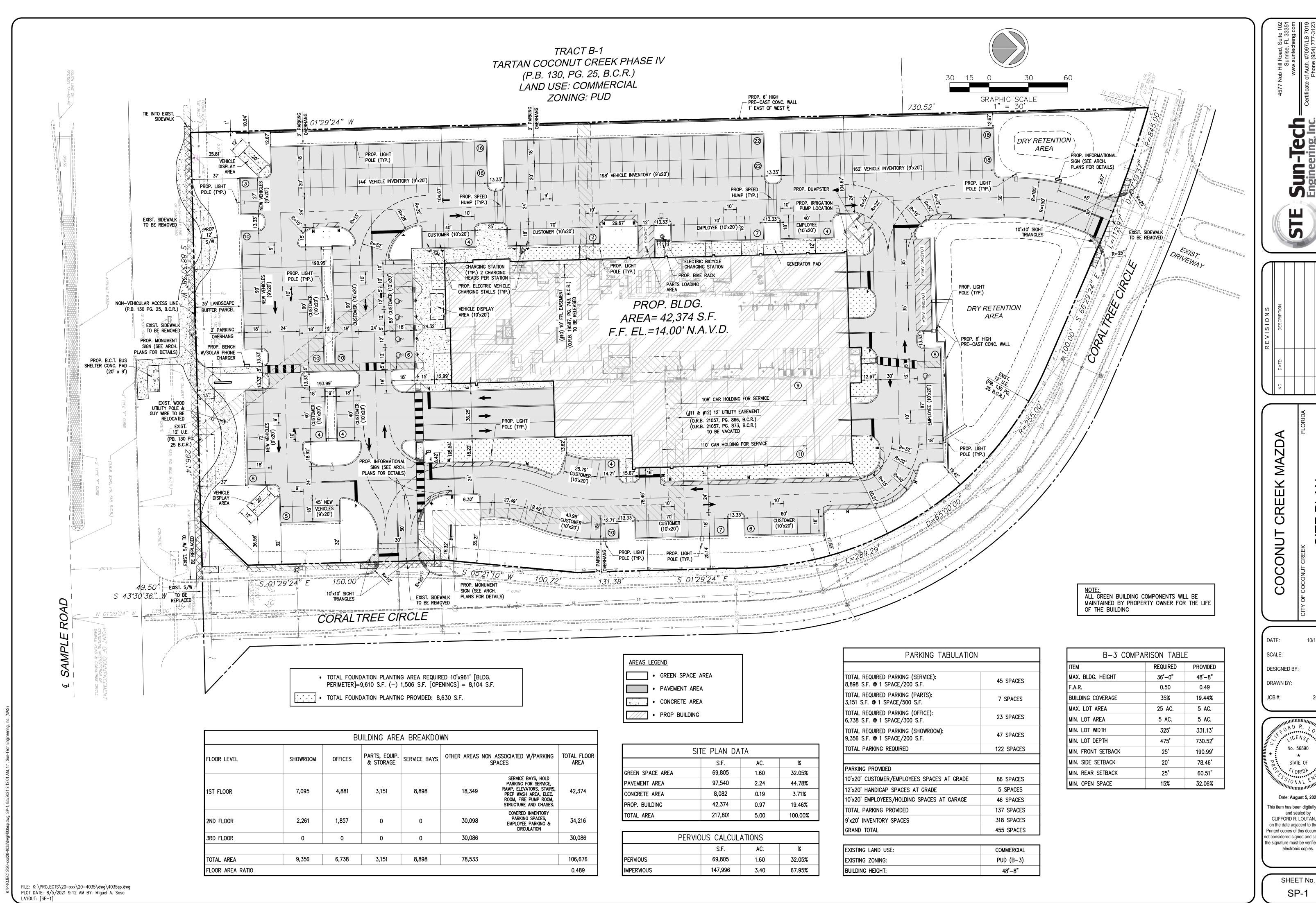
(Multiply vehicle volumes shown below by number of directional roadway lanes to determine two-way maximum service volumes.)

Sidewalk Coverage	В	C	D	E
0-49%	*	*	250	850
50-84%	*	150	780	1,420
85-100%	340	960	1,560	>1,770

BUS MODE (Scheduled Fixed Route)³

(Buses in peak hour in peak direction)

(Buses in peak nour in peak direction)								
Sidewalk Coverage	В	C	D	E				
0-84%	> 5	≥ 4	≥ 3	≥ 2				
85-100%	> 4	> 3	> 2	> 1				



10/15/2020 1"=30' M.A.S.

20-4035

No. 56890 STATE OF

Date: **August 5, 2021** This item has been digitally signed and sealed by CLIFFORD R. LOUTAN, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any

SHEET No.

