R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (519) 941-8120 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

April 17, 2024

Via: Email (czqian@distrikt.com)

Clarence Zichen Qian, M.Arch, MBA
Director of Development
3064 Trafalgar Holdings Inc.
c/o Distrikt Developments Inc.
90 Wingold Ave., Unit 1
Toronto Ontario M6B 1P5

Dear Mr. Qian:

Re: Additional Tower Height Addendum Letter
3060 & 3068 Trafalgar Road, Oakville, Ontario
Project No.: 300052782.0000

1.0 Introduction

R.J. Burnside & Associates (Burnside) completed a Solid Waste Management Plan (Plan) for the proposed multi-residential development located at 3060 and 3068 Trafalgar Road, dated July 18, 2023. Since then, 3064 Trafalgar Holdings Inc. has filed an Official Plan Amendment (OPA) application requesting permission to add three addition stories to the development's two Towers (A & B) resulting in the following changes:

	July 18, 2023 Solid Waste Management Plan	**Additional Tower Height (OPA Amendment Application)**
Tower A		
Number of Floors†	31	34 (3 more)
Residential Units (total)	353	385 (32 more)
Ground Floor Townhomes	3	3 (no change)
Waste Storage Room Location	Level P1	Level P1 (no change)
Waste Loading / Staging Area	In Tower B	In Tower B (no change)
Tower B		
Number of Floors†	31	34 (3 more)
Residential Units (total)	369	397 (28 more)
Ground Floor Townhomes	8	8 (no change)
Waste Storage Room Location	Ground Floor	Ground Floor (no change)
Waste Loading / Staging Area	Ground Floor	Ground Floor (no change)

† Number of storeys is one less, per architect's drawings.

2.0 Updates to Solid Waste Management Plan

Given the changes to the development, the following updates are to be applied to the July 18, 2023 Plan.

1. The container counts for Tower A (Table 2 in Section 3.0 of the Plan) are updated to:

Table 2: Waste Storage Room Equipment Requirements – Tower A

Quantity†		Item	Use	Collection Frequency
Plan	Update			
7 (no change)		4 yd^3 front load waste bin	Recycling (uncompacted)	Weekly
5	+1 = **6**	4 yd^3 front load waste bin (compaction type bin)	Garbage (compacted)	Weekly
15	+1 = **16**	360 L semi-automated carts	Organics (uncompacted)	Weekly
1 (no change)		Waste Compactor	Compacts garbage into the 4 yd^3 front load bins	N/A

† Quantities of the July 18, 2023 Plan versus updated for the additional tower height.

2. The container counts for Tower B (Table 3 in Section 3.0 of the Plan) are updated to:

Table 3: Waste Storage Room Equipment Requirements – Tower B

Quantity†		Item	Use	Collection Frequency
Plan	Update			
7	+1 = **8**	4 yd^3 front load waste bin	Recycling (uncompacted)	Weekly
6 (no change)		4 yd^3 front load waste bin (compaction type bin)	Garbage (compacted)	Weekly
15	+1 = **16**	360 L semi-automated carts	Organics (uncompacted)	Weekly
1 (no change)		Waste Compactor	Compacts garbage into the 4 yd^3 front load bins	N/A
3 (no change)		360 L semi-automated carts	Accept waste via through-the-wall chutes	N/A

† Quantities of the July 18, 2023 Plan versus updated for the additional tower height.

3. The number of containers identified in Tables 2 and 3 may leave insufficient space in the waste storage rooms for the recommended additional containers to allow continuous chute access during waste collection periods.
4. The development's staging area (described in Section 2.2.1 of the Plans) will now need to accommodate eight 4 yd^3 recycling bins. This updated staging area layout has been shown on the enclosed site plans dated April 16, 2024.

3.0 Conclusion

We hope that this addendum letter provides a clear explanation of the updates required to accommodate the additional floors proposed for the development. Should you have any questions and or concerns, please do not hesitate to contact the undersigned.

Yours truly,

R.J. Burnside & Associates Limited

James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste
CJ/JRH:cv

Enclosure(s) Select Architectural Drawings for the Development, dated April 16, 2024.
3064 Trafalgar Road Waste Management Plan, last revised July 18, 2023.

BDP. Quadrangle

Lot Area	7,037 sq.m. (Part 1, Apartments) 473 sq.m. (Part 2, Road Widening) 661 sq.m. (Part 3, Natural Heritage)
Frontage(along Trafalgar Road)	71.27 m
Total FSI (Net, Part 1)	6.24
NSA/GBA	80.32%

		Floor	# of Typ. Floors	Floor Area (FA) sm	Floor Area (FA) sf	Floor Area Leaseable (FAL) sm	Floor Area Leaseable (FAL) sf	Net Sellable Area (NSA) sm	Net Sellable Area (NSA) sf	Efficiency (NSA/FA) %	Interior Amenity sm	Interior Amenity sf	Exterior Amenity sm	Exterior Amenity sf	BA	1B	1B+D	2B	2B+D	3B	APART	Total Suites
ABOVE GRADE	TOWER	Tower A MPH		240.60	2,589.79																	
		Tower B MPH		240.60	2,589.79																	
		Tower A Penthouse 34F		750.00	8,072.93	686.34	7,387.70	629.85	6,779.64	83.98%						3		3	4			10
		Tower B Penthouse 34F		750.00	8,072.93	685.99	7,383.93	629.85	6,779.64	83.98%						3		3	4			10
		Tower A Upper Typical Floor		*750.00*	*8,072.93*	*686.30*	*7,387.26*	*629.85*	*6,779.64*	*83.98%*						*3*		*3*	*4*			*10*
		Total Upper Typical Floors (24F-33F)	10	7,500.00	80,729.25	6,863.00	73,872.65	6,298.50	67,796.42	83.98%						30		30	40			100
		Tower B Upper Typical Floor		*750.00*	*8,072.93*	*685.94*	*7,383.39*	*629.85*	*6,779.64*	*83.98%*						*3*		*3*	*4*			*10*
		Total Upper Typical Floors (24F-33F)	10	7,500.00	80,729.25	6,859.40	73,833.90	6,298.50	67,796.42	83.98%						30		30	40			100
		Tower A (Transition) 23F		782.10	8,095.53	685.08	7,374.13	626.75	6,746.27	83.33%						6	2	4				12
		Tower B (Transition) 23F		752.10	8,095.53	684.96	7,372.84	626.75	6,746.27	83.33%						6	2	4				12
		Tower A (Transition) 22F		775.90	8,351.71	708.86	7,630.10	649.35	6,989.54	83.69%						4	4	4				12
		Tower B (Transition) 22F		775.90	8,351.71	708.55	7,626.76	649.35	6,989.54	83.69%						4	4	4				12
		Tower A (Transition) 21F		784.90	8,448.59	717.87	7,727.08	658.75	7,090.72	83.93%						4	4	4				12
		Tower B (Transition) 21F		784.90	8,448.59	717.52	7,723.31	658.75	7,090.72	83.93%						4	4	4				12
		Tower A (Transition) 20F		799.10	8,601.43	732.01	7,879.28	673.35	7,247.87	84.26%						4	4	4				12
		Tower B (Transition) 20F		799.10	8,601.43	731.64	7,875.30	673.35	7,247.87	84.26%						4	4	4				12
		Tower A Lower Typical Floor		*808.10*	*8,698.31*	*741.04*	*7,976.48*	*682.05*	*7,341.52*	*84.40%*						*4*	*4*	*4*				*12*
		Total Lower Typical Floors (9F-19F)	11	8,889.10	95,681.38	8,151.44	87,741.29	7,502.55	80,756.70	84.40%						44	44	44				132
		Tower B Lower Typical Floor		*808.10*	*8,698.31*	*740.69*	*7,972.71*	*682.05*	*7,341.52*	*84.40%*						*4*	*4*	*4*				*12*
		Total Lower Typical Floors (9F-19F)	11	8,889.10	95,681.38	8,147.59	87,699.84	7,502.55	80,756.70	84.40%						44	44	44				132
	PODIUM	Tower A 8F		842.70	9,070.74	775.74	8,349.99	719.85	7,748.39	85.42%						2	6	4				12
		Tower B 8F		842.70	9,070.74	775.74	8,349.99	719.85	7,748.39	85.42%						2	6	4				12
		Tower A PodiumTypical Floor		*1,083.90*	*11,666.99*	*1,005.52*	*10,823.32*	*924.25*	*9,948.53*	*85.27%*					*1*		*10*	*4*	*1*			*16*
		Total Podium A Typical Floors (4F-7F)	4	4,335.60	46,667.96	4,022.08	43,293.27	3,697.00	39,794.14	85.27%					4		40	16	4			64
		Tower B PodiumTypical Floor		*1,228.70*	*13,225.60*	*1,149.91*	*12,377.52*	*1,061.25*	*11,423.19*	*86.37%*						*5*	*8*	*3*	*2*			*18*
		Total Podium B Typical Floors (4F-7F)	4	4,914.80	52,902.42	4,599.64	49,510.06	4,245.00	45,692.76	86.37%						20	32	12	8			72
		Tower A PodiumTypical Floor		*1,083.90*	*11,666.99*	*1,005.54*	*10,823.53*	*923.25*	*9,937.77*	*85.18%*					*1*	*0*	*10*	*4*	*1*			*16*
		Total Podium A Typical Floors (3F)	1	1,083.90	11,666.99	1,005.54	10,823.53	923.25	9,937.77	85.18%					1	0	10	4	1			16
		Tower B PodiumTypical Floor		*1,141.90*	*12,291.30*	*1,062.93*	*11,441.27*	*975.45*	*10,499.65*	*85.42%*						*2*	*6*	*4*	*3*			*15*
		Total Podium B Typical Floors (3F)	1	1,141.90	12,291.30	1,062.93	11,441.27	975.45	10,499.65	85.42%						2	6	4	3	0		15
	GF	2F		966.40	10,402.23	874.64	5,315.11	621.5	6,689.76	64.31%												
		Ground Floor		2,906.60	31,286.35	3,250.73	34,990.53	617.3	6,644.56	21.24%	664.36	7151.104604	567.59	6109.48							11	11
	TOTALS	**TOTAL NSA**						**46,597.40**	**501,569.75**	**80.32%**					5	216	216	230	104	0	11	782
		TOTAL GBA		**58,018.00**	**624,499.95**										0.64%	27.62%	27.62%	29.41%	13.30%	0.00%	1.41%	
		TOTAL GFA				**55,515.76**	**597,566.09**				664.36	7151.104604	567.59	6109.48								
BELOW GRADE	PARKING	P1		6,461.30	69,548.79																	
		Underground Parking Typical Floor		*6,458.90*	*69,522.95*																	
		P2	1	6,458.90	69,522.95																	
		P2-P5	4	25,835.60	278,091.81																	
		P6	1	4,702.90	50,621.55																	

Suite Distribution	
Tower A	385
Tower B	397
Total	782

VEHICULAR PARKING

				Required	Provided
Visitor					
(0.15 / dwelling units)*	0.15	x	782 =	118	119
Residential					
1.0 / dwelling unit**	1	x	782 =	782	840
			TOTAL	**900**	**959**
			RATIO	**1.23**	
Tandem spaces ***					10
			TOTAL (WITH TANDEM)		**969**

**The minimum number of parking spaces required for visitors is 0.15 of the parking spaces required per dwelling unit. Visitor parking spaces are the only permitted parking spaces in a surface parking area. The maximum number of parking spaces on a surface parking area is 10.*

***The minimum number of parking spaces required for an apartment building or mixed-use building is 1.0 parking spaces per dwelling unit.*

**** Tandem parking spaces not included in parking count per Zoning and site plan approval requirements.*

BICYCLE PARKING

				Required	Provided
Visitor					
50 total required**				50	61
Residential					
.75 /dwelling unit up to 200 spaces max*	0.75	x	*782* =	150	150
			TOTAL	**200**	**211**

Location	Provided	
	Visitor	Residential
GF	32	
P1	29	150

**Notwithstanding 5.7 Sections i. and ii., a maximum of 200 bicycle parking spaces shall be required.*

*** Minimum of 50 visitor parking spaces required per Zoning By Law 2009-189*

AMENITY AND LOADING

	Required	Provided
Interior Residential Amenity Area (sm)	0	664.36
Exterior Residential Amenity Area (sm)	**0**	567.59
Loading: Residential + Non Residential	1	2
Lockers		

Location	Provided
P1	13
P2	105
P3	98
P4	107
P5	101
P6	90
Total	**514**
Per Unit	0.66

***No minimum number of Interior Residential Amenity area, loading spaces or storage locker spaces required by Zoning By-law 2009-189.*

VEHICULAR PARKING LOCATION

	Occupant	Visitor	Total	Tandem
Residential				
Surface	0	9	9	
P1	36	110	146	
P2	173	0	173	
P3	174	0	174	
P4	174	0	174	
P5	174	0	174	
P6	109	0	109	10
TOTAL	**840**	**119**	959	

BARRIER-FREE PARKING SPACES

		Required	Provided Type A*	Provided Type B*
Visitor	*3% of Total number of Visitor parking + 1 Parking sapce****		0	0
P1			3	2
	TOTAL	4.54	5	
Residential	*1% of Total Residential Parking *****		Type A*	Type B*
P1			2	2
P2			2	2
P3			0	0
P4			0	0
P5			0	0
P6			0	0
	TOTAL	7.82		8

** Oakville Standard: An equal number of Type A and Type B barrier-free parking spaces shall be required.*

*** 1% of the total number of parking spaces provided*

**** AODA / DOPS 80.36*

FUTURE EMVS CHARGING STATION

*20% of the spaces provided in the building must have the provision for the installation of EMVS equipment, as per 8.95.3**

	20%		Total Parking Space	Required	Provided
Visitor					
	0.2	x	119	**24**	**24**
Residential					
	0.2	x	840	**168**	**167**
EMVS CHARING LOCATION					

	Occupant	Visitor	Total
Surface	0	0	0
P1	9	24	33
P2	37	0	37
P3	34	0	34
P4	34	0	34
P5	34	0	34
P6	19	0	19
TOTAL	**167**	**24**	191

*** Zoning By-law 2009-189 _ By-law Amendment 2021-032*

NOTES

Floor Area (2009-189): means the total area of all floors of a building within the outside walls or outside finished furred partitions of the walls, but does not include a porch, non-walk-in bay window, attic, basement, enclosed or roofed walkways or loading dock.

Floor Area, Leasable (2009-189): total area of all floors of a building within the outside walls or outside finished furred partitions of the walls, but does not include the area of walls, stair wells, elevators, escalators, ventilating shafts, attics, attached enclosed and covered loading docks and related enclosed corridors used for loading purposes, and common areas such as mechanical rooms.

REVISION RECORD

7	2024-04-16	OPA Application
4	2023-07-14	Issued for SPA - R2
3	2022-03-25	Issued for SPA - R1
2	2021-06-30	Issued for SPA
1	2020-09-17	Issued for Rezoning

ISSUE RECORD

BDP. Quadrangle

Quadrangle Architects Limited
The Well, 8 Spadina Avenue, Suite 2100, Toronto, ON M5V 0S8
t 416 598 1240 www.bdpquadrangle.com

Site Plan File No. SP.1313.006/01

3060 & 3068 Trafalgar Rd.

Oakville, ON L6H 7B9
for
3064 Trafalgar Partnership

20002 PROJECT SCALE | PK/HE DRAWN | KV REVIEWED

Statistics

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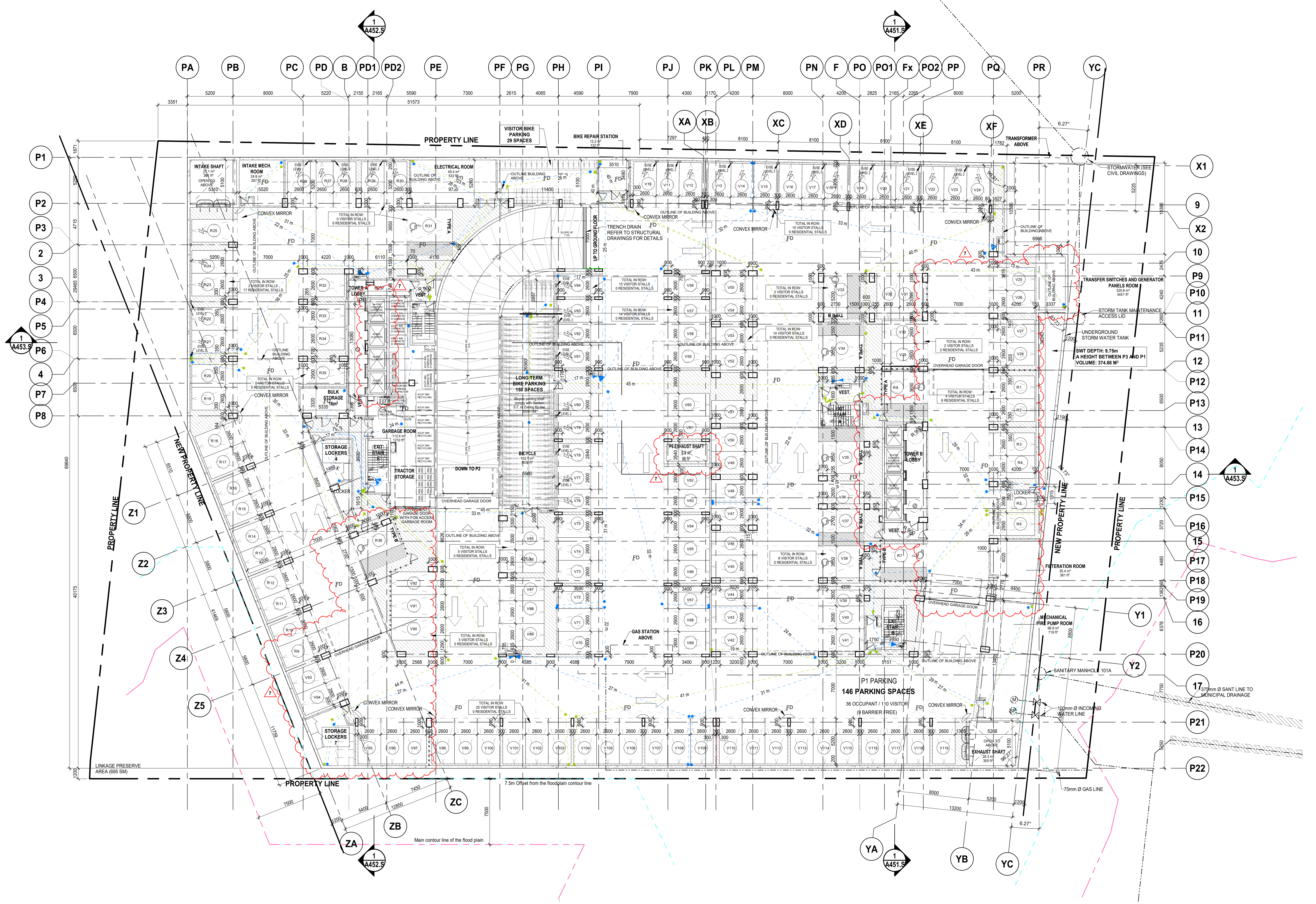

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PARKING NOTES:

1. MINIMUM PARKING SPACE SIZES (UNLESS OTHERWISE NOTED):
   - 2600mm WIDE X 5200mm LONG (NO SIDES OBSTRUCTED)
   - 2900mm WIDE X 5200mm LONG (ONE SIDE OBSTRUCTED)
   - 3200mm WIDE X 5200mm LONG (TWO SIDES OBSTRUCTED)
2. MAINTAIN MINIMUM DRIVE AISLE WIDTH OF 7000mm UNLESS OTHERWISE NOTED.
3. MAINTAIN MINIMUM HEADROOM CLEARANCE OF 2100mm THROUGHOUT.

PARKING LEGEND:

- R RESIDENTIAL PARKING SPACE
- V VISITOR PARKING SPACE
- BIKE/STORAGE LOCKER (1830x915)
- BIKE PARKING (STACKED - 3900x610)
- BIKE PARKING (HORIZONTAL - 1800X600)
- BIKE PARKING (VERTICAL - 1200x600)
- PAINTED LINES

TYPICAL | ONE SIDE OBSTRUCTED | FUTURE EMVS CHARGING STATION (*Rough-In Only*)

ACCESSIBLE | ACCESSIBLE - TYPE A | ACCESSIBLE - TYPE B

TOTAL LONG TERM U/G BIKE PARKING: 150 SPACES
TOTAL SHORT TERM U/G BIKE PARKING: 18 SPACES

REVISION RECORD

7	2024-04-16	OPA Application
6	2023-11-13	Issued for SPA - R3
4	2023-07-14	Issued for SPA - R2
3	2022-03-25	Issued for SPA - R1
2	2021-06-30	Issued for SPA
1	2020-09-17	Issued for Rezoning

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Site Plan File No. SP.1313.006/01

3060 & 3068 Trafalgar Rd.

Oakville, ON L6H 7B9
for
3064 Trafalgar Partnership

20002 — PROJECT SCALE
HE/PK — DRAWN
KV — REVIEWED

P1 Underground

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FLOOR PLAN LEGEND

- PROPERTY LINE
- LINE OF UNDER GROUND GARAGE BELOW
- MAIN BUILDING ENTRANCE
- EXIT
- VEHICLE / LOADING ENTRANCE / EXIT
- FIRE HYDRANT
- SIAMESE CONNECTION
- MH MANHOLE COVER
- AD AREA DRAIN
- CB CATCH BASIN
- FD FLOOR DRAIN (PARKING SLAB)
- FD FLOOR DRAIN (INTERIOR)
- EXISTING LIGHT
- TYPICAL PARKING SPACE
- TYPICAL B.F. PARKING SPACE
- F.F.E. FINISH FLOOR ELEVATION
- ###.## EXISTING ELEVATION
- ###.## PROPOSED ELEVATION
- 000 TOP OF ROOF
- BUILDING ENVELOPE
- FIRE ACCESS ROUTE HEAVY DUTY PAVING. ASSEMBLY TO BE DESIGNED TO MEET THE LOADS IMPOSED BY FIRE FIGHTING EQUIPMENT.
- GREEN ROOF
- SEDUM CARPET GREEN ROOF
- TERRACE PAVERS

REVISION RECORD

7	2024-04-16	OPA Application
6	2023-11-13	Issued for SPA - R3
4	2023-07-14	Issued for SPA - R2
3	2022-03-25	Issued for SPA - R1
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1	2020-09-17	Issued for Rezoning

ISSUE RECORD

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Site Plan File No. SP.1313.006/01

3060 & 3068 Trafalgar Rd.

Oakville, ON L6H 7B9
for
3064 Trafalgar Partnership

20002	1:200	PK	KV
PROJECT SCALE		DRAWN	REVIEWED

Ground Floor / Storey 1 Plan

A201.S

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3064 Trafalgar Road Waste Management Plan
Oakville, Ontario

Site Plan File Number: SP1313.006/01

3064 Trafalgar Holdings Inc. c/o Distrikt Developments Inc.
1-90 Wingold Avenue
Toronto ON M6B 1P5

3064 Trafalgar Road Waste Management Plan
Oakville, Ontario

Site Plan File Number: SP1313.006/01

3064 Trafalgar Holdings Inc. c/o
Distrikt Developments Inc.
1-90 Wingold Avenue
Toronto ON M6B 1P5

R.J. Burnside & Associates Limited
1465 Pickering Parkway Suite 200
Pickering ON L1V 7G7 CANADA

July 2023
300052782.1000

Distribution List

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0	Yes	Yes	3064 Trafalgar Holdings Inc. c/o Distrikt Developments Inc.
0	Yes	Yes	BDP Quadrangle Architects Limited

Record of Revisions

Revision	Date	Description
0	June 18, 2021	Initial Submission to Client
1	June 30, 2021	Revised Submission to Client
2	April 5, 2022	Updated Site Plans and Statistics
3	July 11, 2023	Revised for Updated Site Plans
4	July 18, 2023	Revised for Updated Site Plans

R.J. Burnside & Associates Limited

Report Prepared By:

Christian Jordan, B.Sc.
Environmental Technologist
CJ:cv

Report Reviewed By:

James R. Hollingsworth, P.Eng.
QA/QC & Solid Waste Specialist
JRH:cv

Table of Contents

Appendices

Disclaimer

Other than by the addressee, copying or distribution of this document, in whole or in part, is not permitted without the express written consent of R.J. Burnside & Associates Limited.

In the preparation of the various instruments of service contained herein, R.J. Burnside & Associates Limited was required to use and rely upon various sources of information (including but not limited to: reports, data, drawings, observations) produced by parties other than R.J. Burnside & Associates Limited. For its part R.J. Burnside & Associates Limited has proceeded based on the belief that the third party/parties in question produced this documentation using accepted industry standards and best practices and that all information was therefore accurate, correct and free of errors at the time of consultation. As such, the comments, recommendations and materials presented in this instrument of service reflect our best judgment in light of the information available at the time of preparation. R.J. Burnside & Associates Limited, its employees, affiliates and subcontractors accept no liability for inaccuracies or errors in the instruments of service provided to the client, arising from deficiencies in the aforementioned third party materials and documents.

R.J. Burnside & Associates Limited makes no warranties, either express or implied, of merchantability and fitness of the documents and other instruments of service for any purpose other than that specified by the contract.

1.0 Introduction

This document describes the Solid Waste Management Plan (plan) developed for the proposed 3064 Trafalgar Road multi-residential development located in the Town of Oakville, Ontario. This plan is based on the BDP Quadrangle Architects Limited *Issued for SPA – R2* Drawing Set, dated July 14, 2023. The development's Site Plan may change prior to construction, though it is currently expected that the methods of handling solid waste as expressed in this report will not require revision. The Site Statistics and relevant floor plans have been attached as Appendix A.

This plan will cover the solid waste management of Tower's A and B, which cover a total lot area of 8,171 m^2. The development is comprised of:

- Tower 'A' is a 31-storey residential building with 353 units:
  - Three ground floor townhome suites;
  - Surface and underground parking; and
  - Waste storage room located on Level P1.
- Tower 'B' is a 31-storey residential building with 369 units including surface and underground parking:
  - Eight ground floor townhome suites;
  - Surface and underground parking;
  - Waste storage room located on the ground floor; and
  - Waste loading area on the ground floor.

In preparing this report, Burnside has considered the following:

- Waste Diversion Ontario – Continuous Improvement Fund (CIF) Report 219: *Best Practices for the Storage and Collection of Recyclables in Multi-Residential Buildings*, dated February 2011.
- Waste Diversion Ontario – Continuous Improvement Fund (CIF) Report 723: *Multi-Residential Project Debriefing Series*, dated March 14, 2014.
- Halton Region – Development Design Guidelines for Source Separation of Solid Waste, Regional Official Plan Guidelines, dated June 2014:
  - Direct communications with Halton Region's Multi-Residential Waste Diversion Coordinator.
- Halton Region – By-law Nos. 123-12, 88-15.
- Resource Recovery and Circular Economy Act, 2016.
- *Ontario Food and Organic Waste Framework*, dated April 2018.

2.0 Waste Collection and Storage

The *Halton Region Development Design Guidelines for Source Separation of Solid Waste* document, hereinafter referred to as the 'Guidelines', outline the requirements to obtain approval. Following the Guidelines provides some flexibility to address future solid waste management needs and programs. In addition, Halton Region's waste collection services are preferable when considering the life cycle cost of the development.

2.1 Waste Storage Rooms

The development will have waste storage rooms with the following features:

- A two-chute system with a bi-sorter, accessible on each residential floor of both towers (beginning at Level 2 for Tower B), will be used to deliver the waste to the waste storage room:
  - Controls at the chute access include an interlock to prevent simultaneous access and access during maintenance.
- A compactor will be used to minimize the number of bins required for garbage storage.
- At least 10 m^2 of contiguous space for the storage of bulky wastes in each Tower.
- Tower A and B's waste storage room will be locked and inaccessible to residents.
- Tower B features eight ground floor suites that will not have access to the chute system for their waste. These residents will dispose of their wastes using a through-the-wall chute system leading into small carts in the waste room on the ground floor. These chutes are accessed via a waste vestibule adjacent to the room:
  - Carts (expected to be 360 L/95 gallon capacity or similar) will be on the receiving end of the through-the-wall chutes to collect waste as it is deposited.
  - For the recycling waste stream, the cart will be dumped into the front-lift bins regularly. A cart tipper[1] will be used to assist maintenance staff with this task. Use of a cart tipper will reduce the likelihood of workplace accidents and reduce strain on maintenance staff.
  - For the garbage stream, front-lift bins will need to be 'pre-loaded', tipping the garbage cart into an empty garbage bin just before it is loaded on to the compactor, using the cart tipper. This is expected to occur every time a new front-lift bin is loaded onto the compactor.

Figure 1: Through-the-Wall Chute

[1] A cart tipper such as one from Vestil Manufacturing Corp. or similar will be used (example, https://www.vestil.com/product.php?FID=227, accessed July 2023).

The front-load bins and semi-automated carts used to store materials will have castors/wheels to allow maintenance staff to move the bins as required. A cart trailer may be used to allow multiple carts to be transferred from Tower A to the loading area.

The waste storage rooms will be rodent proof, properly ventilated, and include a hose bib and floor drain for periodically washing the room. Should it be necessary, odour and insect issues can be addressed by:

- Increasing the ventilation (air changes per hour);
- Reducing the storage temperature (air conditioning);
- Adding odour neutralizer sprays in the waste room(s); and / or
- Increasing the cleaning efforts for the room, it's equipment and the waste containers.

The Halton Guidelines document incorporates waste storage requirements and contains additional design criteria to describe physical characteristics of the waste storage rooms, loading areas, and building requirements to accommodate waste collection vehicles. Based on the Guidelines, the development is expected to be compatible with Halton Region provided recycling, organics and refuse collection. This waste management plan is sufficiently flexible to allow future revision of the Region's waste collection processes, including privatization and changes that may occur because of the Resource Recovery and Circular Economy Act.

In addition to the Halton Guidelines document, Burnside considered CIF Report 219 and Report 723 related to multi-unit residential buildings for their waste management effectiveness. Both reports made recommendations for the design and operation of new buildings. The findings of the CIF reports are consistent with Halton's Guidelines. Burnside has also studied the Ontario Food and Organic Waste Framework which outlines the objective of increasing resource recovery (from food and organic waste in particular) from multi-unit residential buildings.

The storage requirements of waste materials may change as Individual Producer Responsibility (IPR) stewardship programs are implemented following the development of new Producer Responsibility regulations under the Resource Recovery and Circular Economy Act (RRCEA). Specifically, a new regulation (O. Reg. 391/21) under the RRCEA involves shifting responsibility for the blue box program to producers, eliminating current municipal obligations after the transition to full producer responsibility. Future changes to the recycling regulation or producer-lead programs could include additional storage requirements for dual stream collection (i.e., plastics vs. paper, or containers vs. fibres). Similarly, the producer-lead programs may need additional operational efforts from maintenance staff. Details for the implementation of recyclables collection are still unknown. It is anticipated that recycling programs will remain like Halton's current programs for the next few years (2025, and possibly beyond).

2.2 Three Stream Waste Disposal

The waste storage rooms in Towers A and B will each provide two chutes and a bi-sorter to facilitate the collection of recycling, organics, and garbage. The bi-sorter will be used to separate garbage and organic wastes. It is recommended that posters be displayed near the chute doors on each floor that educate the residents on waste diversion, reduction, and acceptable wastes[2].

The chutes will lead waste into the waste storage rooms, which will feed:

- 4 yd^3 front load bins for recycling;
- 360 L semi-automated carts for organics; and
- A compactor that loads 4 yd^3 front load bins for garbage.

Table 2 and Table 3 outline the waste bin and equipment requirements for the Towers. Maintenance staff will check the carts and bins daily to ensure those reaching capacity are exchanged for empty units. In Tower B, carts accepting through-the-wall chute wastes will also be checked and emptied as necessary into bins, as described in Section 2.1. Trained maintenance staff will control access to the waste storage room as there are safety concerns associated with the chutes and the garbage compactor.

2.2.1 Waste Collection

Recyclables, organics, and garbage from both Towers will be collected in one Collection Point, located on the ground floor of Tower B. The Collection Point will feature:

- a loading area meeting the minimum 6 m in width by 13 m in length.
- an overhead clearance of 9.7 m.
- a +/- 2% grade.
- a weight capacity of 35,000 kg (35 tonnes).

Halton Region typically collects each of the three streams once per week on different days, though garbage may be collected twice-per-week. However, during discussions with Halton Region's Multi-Residential Waste Diversion Coordinator, it was noted that there is flexibility within the Town of Oakville for twice-weekly collection for both recycling and garbage. Due to the number of units – and resulting quantity of bins/carts that require collection – as well as use of a shared Collection Point (i.e., loading, and staging areas), this development plans to utilize the available twice-weekly collection for garbage and recycling (organic waste will be collected once per week, which is the Region's maximum weekly collection frequency). Waste streams will be collected on separate

[2] These educational materials are generally available from Halton Region, displayed here: https://www.halton.ca/For-Residents/Recycling-Waste/Waste-Collection-for-Apartment-and-Condominium-Bui (accessed May 2021).

days, so the same Collection Point (located on the ground level of Tower B) will be used without conflict.

Garbage and recyclables from both Towers will be collected in one Collection Point, located on the ground floor of Tower B. The Collection Point is designed in accordance with Halton Guidelines so that the waste collection service provider (collection vehicle) does not need to exit the vehicle to jockey bins or carts while collecting the waste.

Maintenance staff will set-out bins for collection in the staging area and will be available during collection to jockey bins for the collection truck. This layout is illustrated within the floor plan of the Collection Point, shown on the Ground Floor Plan, included in Appendix A. This figure shows the layout for the collection of recycling bins from one tower, as well as the organics carts from both Towers.

- Garbage bins would be laid out in the same orientation as the recycling bins for collection.
- Organic carts will also be collected inside the loading area. Maintenance staff will be available during collection to maneuver carts for collection that cannot be accommodated in the designated cart loading area (shown as a hatched area of the Collection Point).

On each collection day, prior to 7:00 AM, maintenance staff will move the carts or bins from the waste storage rooms to the Collection Point. The maintenance staff may use a ride-on tractor, WasteCaddy Dumpster Tow[3] or similar equipment, to move bins and carts from Tower A, around the outside of the round-about (with traffic) and to the Collection Point in Tower B. This anticipated bin / cart movement path is illustrated on the floor plans included in Appendix B – A103.S for movement on the P1 Underground level, and A104.S for the above grade movements.

A cart trailer, for example the Vestil Trash Can Cart[4] or similar equipment, in conjunction with a tractor or tow may be used to move three, 360 L organics carts at once from each Tower to the designated Collection Point. Once empty, staff will return carts and bins to the appropriate waste storage room for continued use by residents.

During collection, maintenance staff will assist in moving and positioning the bins or carts to the collection vehicle for tipping. This will allow its driver to remain within the vehicle during collection. Staff will then shuffle bins or carts in the staging area as the tipping proceeds. All waste containers will be returned to their respective waste storage rooms following collection.

[3] More information can be found at https://www.djproducts.com/product/video-wastecaddy-efficient-trash-bin-mover/ (accessed July 2023).
[4] More information can be found at https://www.vestil.com/product.php?FID=229 (accessed July 2023).

While the bins or carts are in the Collection Point, there may not be a bin or cart available for resident use in the waste storage rooms. The chute system may be 'locked out' to prevent disposal of that waste type (or all wastes), depending on if there is an empty bin present during the time of collection. All residents will be made aware of the waste collection schedule so they can plan their disposal routine while minimizing waste stream contamination (i.e., garbage in recycling or organics) and maximizing diversion (avoiding organics or recycling in the garbage stream).

The layout of each waste storage rooms is shown on their respective floor plans, attached as Appendix A. Drawing A154.S provides details of the Tower A waste storage room. Drawing A201.S shows details for Tower B's waste storage room.

The collection truck drive path is included in Appendix B, showing the minimum 13 metre centreline turning radii.

2.2.2 Bulky Waste Disposal

A contiguous bulky waste storage room, at least 10 m^2 in size, is provided in each Tower:

- A dedicated bulk storage room (16 m^2) is located beside the waste storage room on level P1 of Tower A.
- A contiguous 10 m^2 bulky waste storage area is part of Tower B's waste storage room.

Bulky waste items such as used furniture, mattresses, appliances, etc. will be temporarily stored. This material will be collected by the Region as coordinated by the Property Manager. Residents will contact staff for escorted access to this room.

Materials that are subject to a stewardship program or a Product Care Association and items such as automotive tires, paints, and electronics, will not be accepted as bulky waste.

Halton Region also supplies a 40 yd^3 roll-off bin twice per year for bulky waste collection. If required, this bin will be placed in the outdoor parking area. Staff will contact the Region to coordinate delivery and collection of the bin.

2.2.3 Grounds Keeping, Maintenance and Renovations

It is anticipated that waste generated by minor building maintenance activities, such as replacing broken fixtures, light bulbs, etc. (but excluding Section 2.3 Materials Not Collected), can be accommodated in the waste room.

Grounds' keeping is expected to be a contracted service. The service provider will remove the leaf and yard waste as part of their contract.

Construction contractors will typically undertake significant renovations or maintenance projects. It is expected that wastes generated during the work will be removed as part of their contract.

2.3 Materials Not Collected

Waste materials that are not accepted by the Region's three stream waste collection system will not be collected. Similarly, these materials will not be accepted or stored in the waste storage rooms.

Hazardous and Special Products (HSP) and Waste Electronics and Electrical Equipment (WEEE) are not accepted by the Region's collection vehicles. Residents with HSP or WEEE must return it to an appropriate recovery facility, such as retailers with take-back programs or to the Halton Waste Management Site. The residents are responsible for the storage and disposal of these materials.

All wastes should be handled and disposed by residents in accordance with Halton Region's guidelines[5]. Generally, the Halton Waste Management Site accepts all waste types, including those not collected at the curbside. Residents must deliver the waste to the Site themselves, following direction from Site staff.

The waste materials that are collected may change as IPR stewardship programs are developed under the Resource Recovery and Circular Economy Act (RRCEA). For instance, the HSP program begins October 2021. Changes may include additional take-back programs at retailers. Overall, it is expected that changes to the wastes collected can be accommodated within the waste storage areas available at the development.

3.0 Waste Management System Requirements

Each Tower's recyclables and garbage will be collected by the Region separately on different days each week. Organic waste collection will occur for the entire development once per week, as noted in Section 2.2.1. Although subject to Halton's confirmation, a potential schedule is provided in Table 1, below.

[5] Information on how alternate waste streams are to be disposed/recycled can be found on the Region's website, www.halton.ca/waste (accessed July 2023).

Table 1: Example (Unconfirmed) Collection Schedule

Building	Recycling	Organics	Garbage
Tower A	Friday	Wednesday	Thursday
Tower B	Tuesday	Wednesday	Monday

Table 2 and Table 3 outline the equipment requirements for residential waste management storage rooms in Towers A and B, respectively. Burnside has determined waste storage container needs (bin counts) from the Guidelines and details provided via direct communications[6] with the Region's Multi-Residential Waste Diversion Coordinator.

1. Recycling (loose):
   - 46 residential units can be serviced by one 4 yd^3 front-lift bin.
   - 84 residential units can be serviced by one 6 yd^3 front-lift bin.

2. Organics:
   - One 360 L (0.34 yd^3) organics bin is required for every 25 residential units.

3. Garbage (compacted):
   - 54 residential units per 3 yd^3 front-lift bin.

Table 2: Waste Storage Room Equipment Requirements – Tower A

Quantity	Item	Use	Collection Frequency
7	4 yd^3 front load waste bin	Recycling (uncompacted)	Weekly
5	4 yd^3 front load waste bin (compaction type bin)	Garbage (compacted)	Weekly
15	360 L semi-automated carts	Organics (uncompacted)	Weekly
1	Waste Compactor	Compacts garbage into the 3 yd^3 front load bins	N/A
• The Tower A waste storage room will facilitate all items listed above. Additionally, there is flexibility to accommodate an additional container for each waste stream and space to allow for the repositioning of bins and carts as they reach capacity.			

[6] Garbage and recycling bin ratios were provided to Burnside via March 22, 2022, email from Halton Region's Multi-Residential Waste Diversion Coordinator, Andrew Suprun. These values update Halton's Guidelines.

Table 3: Waste Storage Room Equipment Requirements – Tower B

Quantity	Item	Use	Collection Frequency
7	4 yd^3 front load waste bin	Recycling (uncompacted)	Weekly
6	4 yd^3 front load waste bin (compaction type bin)	Garbage (compacted)	Weekly
15	360 L semi-automated carts	Organics (uncompacted)	Weekly
1	Waste Compactor	Compacts garbage into the 3 yd^3 front load bins	N/A
3	360 L semi-automated carts	Accept waste via through-the-wall chutes	N/A
• The Tower B waste storage room will facilitate all items listed above. Additionally, there is flexibility to accommodate an additional container for the recycling and organics waste streams and space to allow for the repositioning of bins and carts as they reach capacity.			

4.0 Conclusions

From the research completed in preparing this report, Burnside believes that the 3064 Trafalgar Road (Towers A and B) multi-residential development has been designed to meet all current Regional standards and guidelines. Further, the development's design provides the flexibility required to address future solid waste management systems.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix A

Site Statistics & Floor Plans

BDP.
Quadrangle

Quadrangle Architects Limited
The Well, 8 Spadina Avenue, Suite 2100 Toronto, ON M5V 0S8
t 416 598 1240 www.bdpquadrangle.com

3064 Trafalgar Rd.

Oakville, ON L6H 7B9

for

Distrikt Developments & Alterra Group of Companies

Project No. 20002
Date 2023-07-14
Issued for Issued for SPA - R2

Site Plan File No. SP.1313.006/01

ARCHITECTURAL DRAWINGS

PLANNING CONSULTANT

Korsiak Urban Planning
206-277 Lakeshore Road East
Oakville, ON, L6J 1H9
905.257.0227

CIVIL CONSULTANT

Urbantech Consulting
3760 14th Avenue, Suite 301
Markham, ON, L3R 3T7
905.946.9461

LANDSCAPE ARCHITECT

Adesso Design Inc.
213 Locke Street South, 2nd Floor
Hamilton, ON, L8P 4B4
905.526.8876

TRANSPORTATION & SITE SERVICING CONSULTANT

Paradigm Transportation Services Limited
5A-150 Pinebush Road
Cambridge, ON, N1R 8J8
905.381.229

NOISE, VIBRATION, & ACOUSTICS CONSULTANT

HCG Engineering
2000 Argentia Rd 1, Suite 203
Mississauga, ON, L5N 1P7
905.826.4044

STRUCTURAL CONSULTANT

Jablonsky Ast and Partners
3 Concorde Gate, Unit 400
Toronto, ON M3C 3N7
416 447 7405

INTERIOR DESIGN

Figure 3
200 University Avenue, Suite 200
Toronto, ON M5H 3C6
416 363 6993

WASTE MANAGEMENT CONSULTANT

R.J. Burnside & Associates Limited
6990 Creditview Road, Unit 2
Mississauga, ON, L5N 8R9
519-941-5331

BDP. Quadrangle
20002 - 3064 Trafalgar Road
July 10, 2023
The STATS below are based on requirements as per the North Oakville Zoning By-law 2009-189

Lot Area	**7,037 sq.m. (Part 1, Apartments)** **473 sq.m. (Part 2, Road Widening)** **661 sq.m. (Part 3, Natural Heritage)**
Frontage(along Trafalgar Road)	**71.27 m**
Total FSI (Net, Part 1)	**7.61**
NSA/GBA	**80.27%**

		Floor	# of Typ. Floors	GBA Floor Area (FA) sm	GBA Floor Area (FA) sf	GFA Floor Area Leaseable (FAL) sm	GFA Floor Area Leaseable (FAL) sf	NSA Net Sellable Area (NSA) sm	NSA Net Sellable Area (NSA) sf	Efficiency (NSA/FA) %	Interior Amenity sm	Interior Amenity sf	Exterior Amenity sm	Exterior Amenity sf	BA	1B	1B+D	2B	2B+D	3B	APART	Total Suites
ABOVE GRADE	TOWER	Tower A MPH		240.60	2,589.79																	
		Tower B MPH		240.60	2,589.79																	
		Tower A Penthouse 31F		750.00	8,072.93	688.79	7,414.07	632.30	6,806.01	84.31%						3		3	4			10
		Tower B Penthouse 31F		750.00	8,072.93	688.44	7,410.30	632.30	6,806.01	84.31%						3		3	4			10
		Tower A Upper Typical Floor		*750.00*	*8,072.93*	*688.75*	*7,413.64*	*632.30*	*6,806.01*	*84.31%*						*3*		*3*	*4*			*10*
		Total Upper Typical Floors (24F-30F)	7	5,250.00	56,510.48	4,821.25	51,895.45	4,426.10	47,642.10	84.31%						21		21	28			70
		Tower B Upper Typical Floor		*750.00*	*8,072.93*	*688.39*	*7,409.76*	*632.30*	*6,806.01*	*84.31%*						*3*		*3*	*4*			*10*
		Total Upper Typical Floors (24F-30F)	7	5,250.00	56,510.48	4,818.73	51,868.33	4,426.10	47,642.10	84.31%						21		21	28			70
		Tower A (Transition) 23F		752.10	8,095.53	687.53	7,400.50	629.20	6,772.65	83.66%						6	2	2				10
		Tower B (Transition) 23F		752.10	8,095.53	687.41	7,399.21	629.20	6,772.65	83.66%						6	2	2				10
		Tower A (Transition) 22F		775.90	8,351.71	711.31	7,656.47	651.80	7,015.91	84.01%						4	4	4				12
		Tower B (Transition) 22F		775.90	8,351.71	711.00	7,653.13	651.80	7,015.91	84.01%						4	4	4				12
		Tower A (Transition) 21F		784.90	8,448.59	720.32	7,753.45	661.20	7,117.09	84.24%						4	4	4				12
		Tower B (Transition) 21F		784.90	8,448.59	719.97	7,749.69	661.20	7,117.09	84.24%						4	4	4				12
		Tower A (Transition) 20F		799.10	8,601.43	734.46	7,905.65	675.80	7,274.24	84.57%						4	4	4				12
		Tower B (Transition) 20F		799.10	8,601.43	734.09	7,901.67	675.80	7,274.24	84.57%						4	4	4				12
		Tower A Lower Typical Floor		*808.10*	*8,698.31*	*743.49*	*8,002.85*	*684.50*	*7,367.89*	*84.70%*						*4*	*4*	*4*				*12*
		Total Lower Typical Floors (9F-19F)	11	8,889.10	95,681.38	8,178.39	88,031.37	7,529.50	81,046.79	84.70%						44	44	44				132
		Tower B Lower Typical Floor		*808.10*	*8,698.31*	*743.14*	*7,999.08*	*684.50*	*7,367.89*	*84.70%*						*4*	*4*	*4*				*12*
		Total Lower Typical Floors (9F-19F)	11	8,889.10	95,681.38	8,174.54	87,989.93	7,529.50	81,046.79	84.70%						44	44	44				132
	PODIUM	Tower A 8F		842.70	9,070.74	778.19	8,376.36	722.30	7,774.76	85.71%						2	6	4				12
		Tower B 8F		842.70	9,070.74	778.19	8,376.36	722.30	7,774.76	85.71%						2	6	4				12
		Tower A PodiumTypical Floor		*1,083.90*	*11,666.99*	*1,007.97*	*10,849.69*	*926.70*	*9,974.91*	*85.50%*					*1*		*10*	*4*	*1*			*16*
		Total Podium A Typical Floors (4F-7F)	4	4,335.60	46,667.96	4,031.88	43,398.75	3,706.80	39,899.62	85.50%					4		40	16	4			64
		Tower B PodiumTypical Floor		*1,228.70*	*13,225.60*	*1,152.36*	*12,403.89*	*1,063.70*	*11,449.56*	*86.57%*						*5*	*8*	*4*	*2*			*19*
		Total Podium B Typical Floors (4F-7F)	4	4,914.80	52,902.42	4,609.44	49,615.55	4,254.80	45,798.24	86.57%						20	32	16	8			76
		Tower A PodiumTypical Floor		*1,083.90*	*11,666.99*	*1,007.99*	*10,849.90*	*925.70*	*9,964.14*	*85.40%*					*1*	*0*	*10*	*4*	*1*			*16*
		Total Podium A Typical Floors (3F)	1	1,083.90	11,666.99	1,007.99	10,849.90	925.70	9,964.14	85.40%					1	0	10	4	1			16
		Tower B PodiumTypical Floor		*1,141.90*	*12,291.30*	*1,065.38*	*11,467.64*	*977.90*	*10,526.02*	*85.64%*						*2*	*6*	*4*	*3*			*15*
		Total Podium B Typical Floors (3F)	1	1,141.90	12,291.30	1,065.38	11,467.64	977.90	10,526.02	85.64%						2	6	4	3	0		15
	GF	2F		966.40	10,402.23	874.64	5,315.11	621.5	6,689.76	64.31%												
		Ground Floor		2,906.60	31,286.35	3,250.73	34,990.53	617.3	6,644.56	21.24%	664.36	7151.104604	567.59	6109.48								
	TOTALS	**TOTAL NSA**						**42,960.40**	**462,421.45**	**80.27%**					5	198	216	212	80	0	11	722
	TOTALS	**TOTAL GBA**		**53,518.00**	**576,062.40**										0.69%	27.42%	29.92%	29.36%	11.08%	0.00%	1.52%	
	TOTALS	**TOTAL GFA**				**51,546.04**	**554,836.42**				664.36	7151.104604	567.59	6109.48								
BELOW GRADE	PARKING	P1		6,461.30	69,548.79																	
		Underground Parking Typical Floor		*6,461.30*	*69,548.79*																	
		P2	1	6,461.30	69,548.79																	
		P2-P4	3	19,383.90	208,646.36																	
		P5	1	6,461.30	69,548.79																	

Suite Distribution	
Tower A	353
Tower B	369
Total	722

VEHICULAR PARKING

					Required	Provided
Visitor						
(0.15 / dwelling units)*	0.15	x	722	=	109	110
Residential						
1.0 / dwelling unit**	1	x	722	=	722	741
				TOTAL	**831**	**851**
				RATIO	**1.18**	

**The minimum number of parking spaces required for visitors is 0.15 of the parking spaces required per dwelling unit. Visitor parking spaces are the only permitted parking spaces in a surface parking area. The maximum number of parking spaces on a surface parking area is 10.*

***The minimum number of parking spaces required for an apartment building or mixed-use building is 1.0 parking spaces per dwelling unit.*

BICYCLE PARKING

					Required	Provided
Visitor						
50 total required**					50	61
Residential						
.75 /dwelling unit up to 200 spaces max*	0.75	x	722	=	150	150
				TOTAL	**200**	**211**

Location	Provided	
	Visitor	Residential
GF	32	
P1	29	150

**Notwithstanding 5.7 Sections i. and ii., a maximum of 200 bicycle parking spaces shall be required.*

*** Minimum of 50 visitor parking spaces required per Zoning By Law 2009-189*

AMENITY AND LOADING

	Required	Provided
Interior Residential Amenity Area (sm)		
	0	664.36
Exterior Residential Amenity Area (sm)		
	0	567.59
Loading: Residential + Non Residential		
	1	2
Lockers		

Location	Provided
P1	13
P2	105
P3	98
P4	107
P5	101
Total	**424**
Per Unit	0.59

****No minimum number of Interior Residential Amenity area, loading spaces or storage locker spaces required by Zoning By-law 2009-189.**

VEHICULAR PARKING LOCATION

	Occupant	Visitor	Total
Residential			
Surface	0	9	9
P1	47	101	148
P2	173	0	173
P3	174	0	174
P4	174	0	174
P5	175	0	175
TOTAL	**743**	**110**	853

BARRIER-FREE PARKING SPACES

		Required	Provided Type A*	Provided Type B*
Visitor	*3% of Total number of Visitor parking + 1 Parking sapce***			
Surface			0	0
P1			3	2
	TOTAL	4.27	5	
Residential	*1% of Total Residential Parking **		Type A*	Type B*
P1			2	2
P2			2	2
P3			0	0
P4			0	0
P5			0	0
	TOTAL	7.22	8	

* Oakville Standard: An equal number of Type A and Type B barrier-free parking spaces shall be required.

*** 1% of the total number of parking spaces provided*

*** AODA / DOPS 80.36

FUTURE EMVS CHARGING STATION *

*20% of the spaces provided in the building must have the provision for the installation of EMVS equipment, as per 8.95.3f**

	20%		Total Parking Space	Required	Provided
Visitor					
	0.2	x	110	22	22
Residential					
	0.2	x	741	148	148

EMVS CHARING LOCATION

	Occupant	Visitor	Total
Surface	0	0	0
P1	9	22	31
P2	37	0	37
P3	34	0	34
P4	34	0	34
P5	34	0	34
TOTAL	**148**	**22**	170

** Zoning By-law 2009-189 _ By-law Amendment 2021-032

NOTES

Floor Area (2009-189): means the total area of all floors of a building within the outside walls or outside finished furred partitions of the walls, but does not include a porch, non-walk-in bay window, attic, basement, enclosed or roofed walkways or loading dock.

Floor Area, Leasable (2009-189): total area of all floors of a building within the outside walls or outside finished furred partitions of the walls, but does not include the area of walls, stair wells, elevators, escalators, ventilating shafts, attics, attached enclosed and covered loading docks and related enclosed corridors used for loading purposes, and common areas such as mechanical rooms.

REVISION RECORD

4	2023-07-14	Issued for SPA - R2
3	2022-03-25	Issued for SPA - R1
2	2021-06-30	Issued for SPA
1	2020-09-17	Issued for Rezoning

ISSUE RECORD

ONTARIO ASSOCIATION OF ARCHITECTS
LESLIE M. KLEIN
LICENCE
2969

BDP. Quadrangle

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Site Plan File No. SP.1313.006/01

3064 Trafalgar Rd.

Oakville, ON L6H 7B9
for
Distrikt Developments & Alterra Group of Companies

20002 PROJECT SCALE | PK/HE DRAWN | KV REVIEWED

Statistics

A001.S

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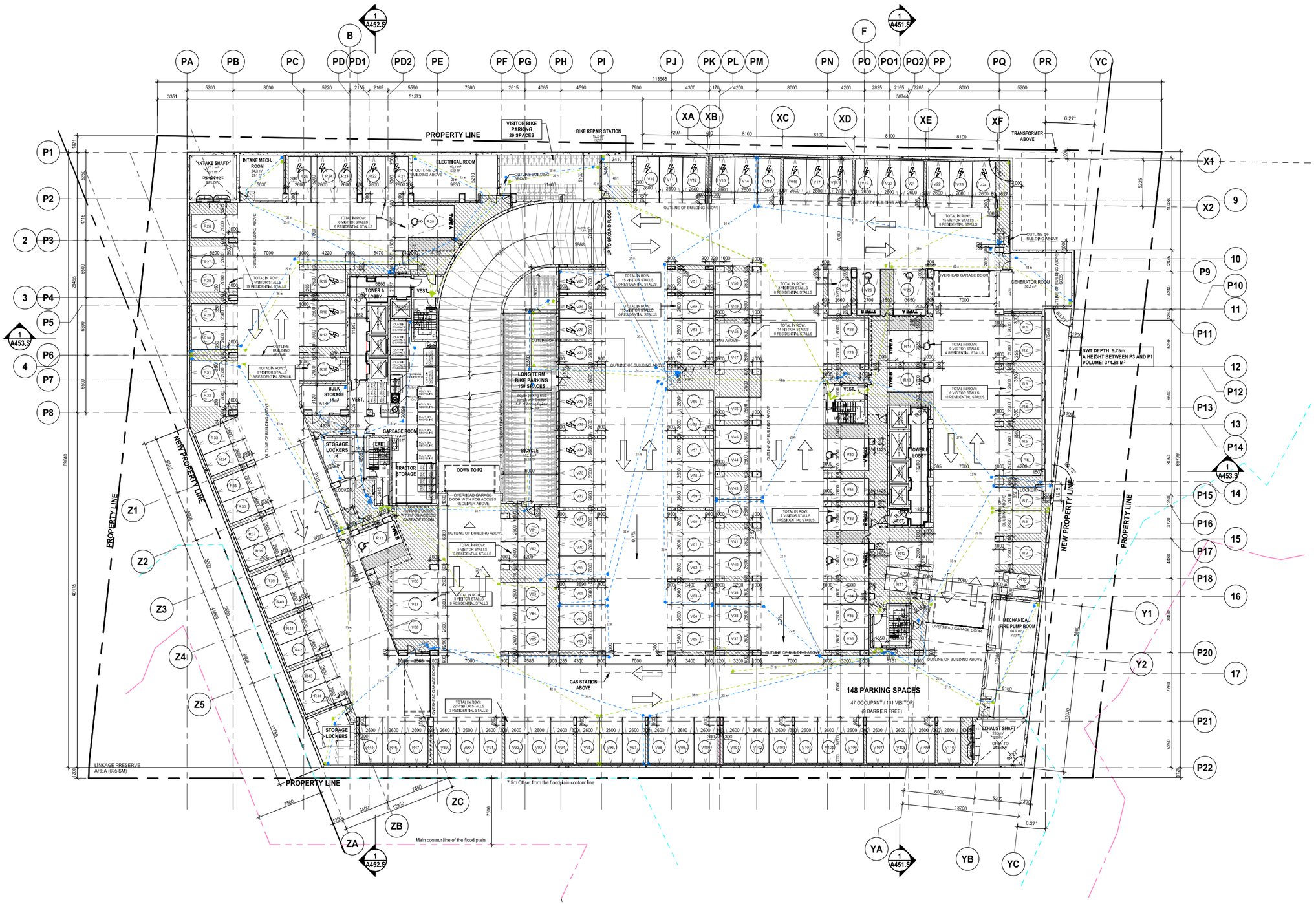
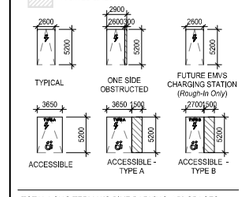


PARKING NOTES:

1. MINIMUM PARKING SPACE SIZES (UNLESS OTHERWISE NOTED):
   - 2600mm WIDE X 5200mm LONG (NO SIDES OBSTRUCTED)
   - 2900mm WIDE X 5200mm LONG (ONE SIDE OBSTRUCTED)
   - 3200mm WIDE X 5200mm LONG (TWO SIDES OBSTRUCTED)
2. MAINTAIN MINIMUM DRIVE AISLE WIDTH OF 7000mm UNLESS OTHERWISE NOTED.
3. MAINTAIN MINIMUM HEADROOM CLEARANCE OF 2100mm THROUGHOUT.

PARKING LEGEND:

- (R) RESIDENTIAL PARKING SPACE
- (V) VISITOR PARKING SPACE
- BIKE/STORAGE LOCKER (1830x915)
- BIKE PARKING (STACKED - 3900x610)
- BIKE PARKING (HORIZONTAL - 1800X600)
- BIKE PARKING (VERTICAL - 1200x600)
- PAINTED LINES



TOTAL LONG TERM U/G BIKE PARKING: 150 SPACES
TOTAL SHORT TERM U/G BIKE PARKING: 18 SPACES

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ISSUE RECORD

ONTARIO ASSOCIATION OF ARCHITECTS — ISSUE AUTHORITY — LICENCE 2989

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Site Plan File No. SP.1313.006/01

3064 Trafalgar Rd.

Oakville, ON L6H 7B9
for
Distrikt Developments & Alterra Group of Companies

20002	HE/PK	KV
PROJECT SCALE	DRAWN	REVIEWED

P1 Underground

A154.S

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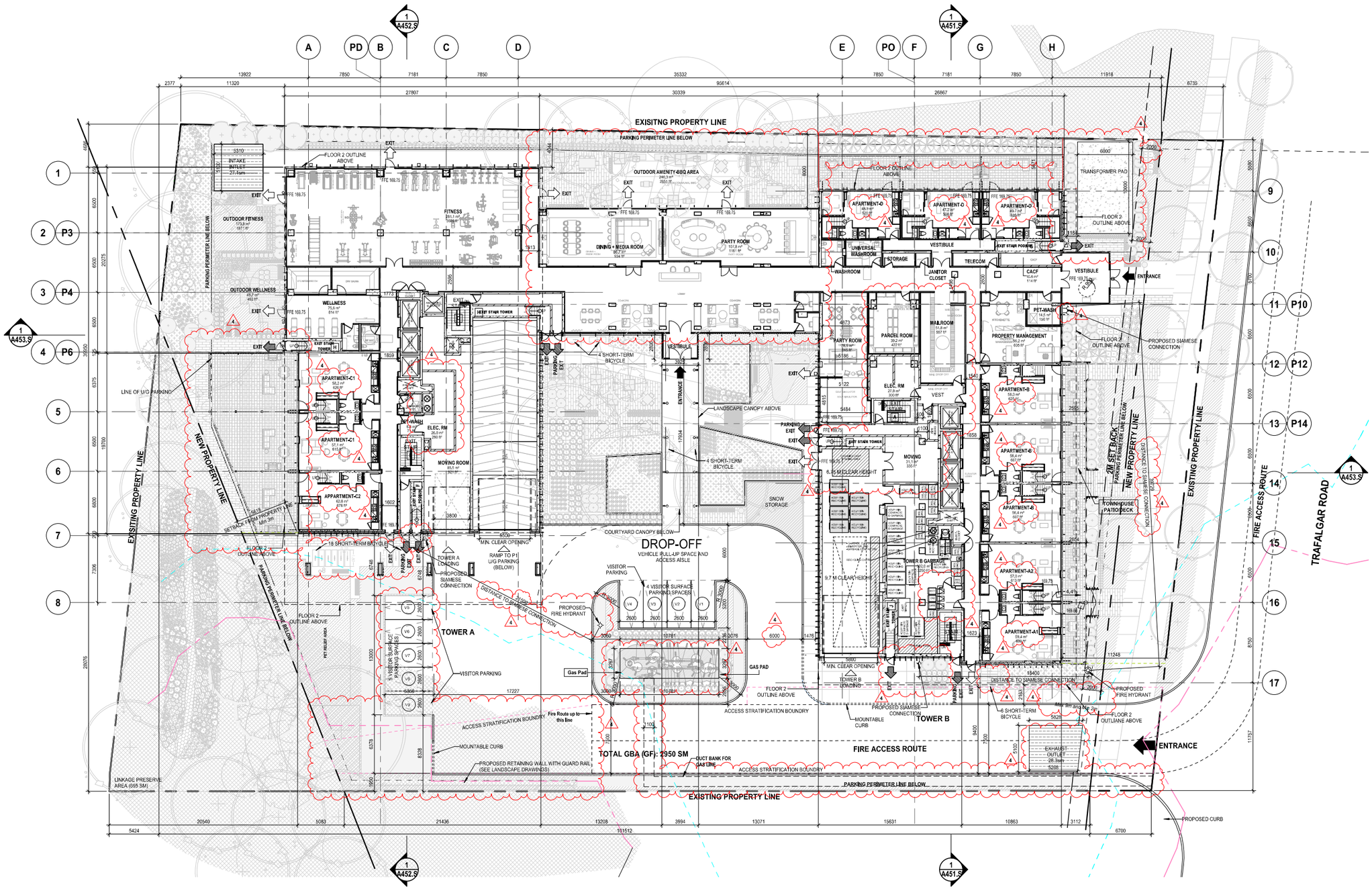

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REVISION RECORD

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ISSUE RECORD

ONTARIO ASSOCIATION OF ARCHITECTS — LESLIE M. KEEN — LICENCE 2959

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20002	1 : 200	PK	KV
PROJECT SCALE		DRAWN	REVIEWED

Ground Floor Plan

A201.S

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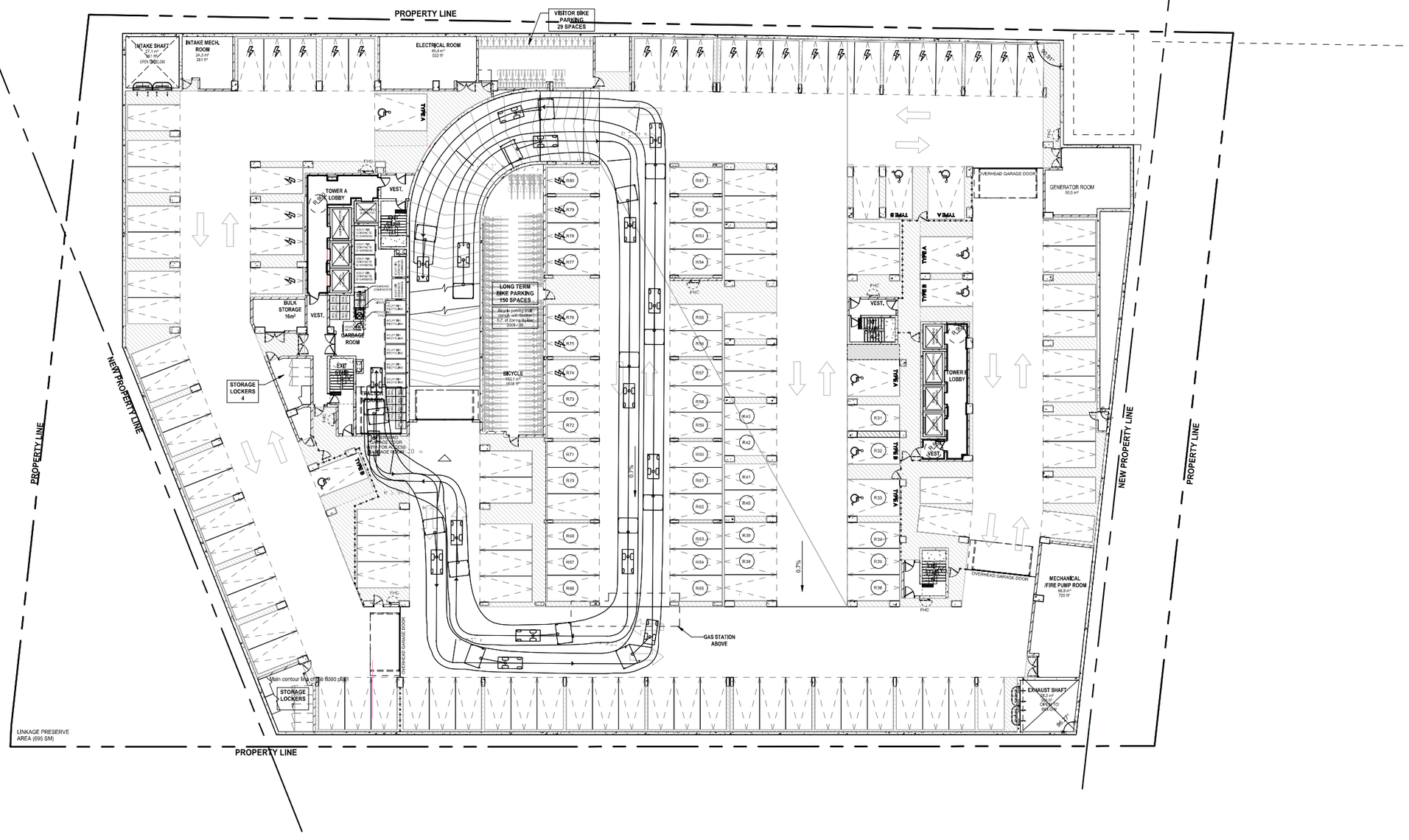
BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix B

Movement Paths



1 / A103.S P1-GARBAGE BIN PULLER TRACTOR TURNING
SCALE: 1 : 200

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REVISION RECORD

4	2023-07-14	Issued for SPA - R2

ISSUE RECORD

ONTARIO ASSOCIATION OF ARCHITECTS LESLIE ANN KEEN LICENCE 2959

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Site Plan File No. SP.1313.006/01

3064 Trafalgar Rd.

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Distrikt Developments & Alterra Group of Companies

20002	1 : 200	HE/PK	KV
PROJECT	SCALE	DRAWN	REVIEWED

Vehicular Movement Diagrams

A103.S

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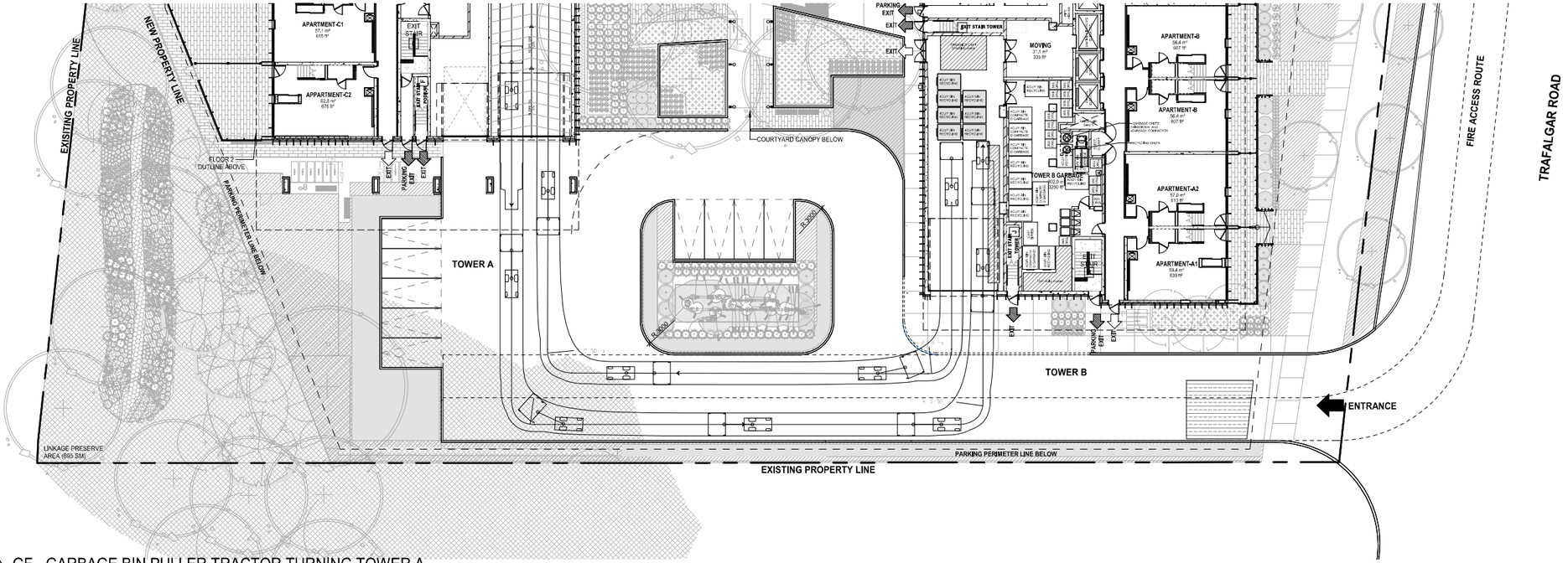
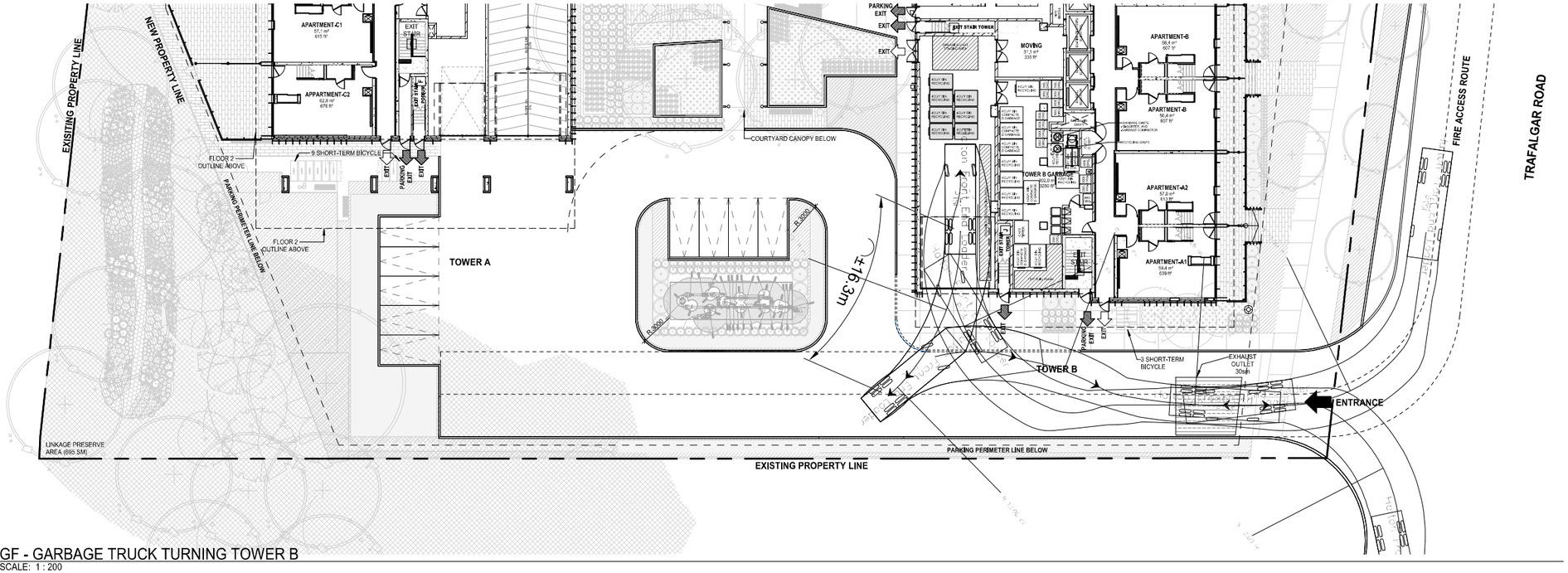


2 A104.S GF - GARBAGE BIN PULLER TRACTOR TURNING TOWER A
SCALE: 1 : 200



1 A104.S GF - GARBAGE TRUCK TURNING TOWER B
SCALE: 1 : 200

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ISSUE RECORD

ONTARIO ASSOCIATION OF ARCHITECTS
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20002	1 : 200	HE/PK	KV
PROJECT	SCALE	DRAWN	REVIEWED

Vehicular Movement Diagrams

A104.S

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R.J. Burnside & Associates Limited