

City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7923-0264-00

Planning Report Date: November 20, 2023

PROPOSAL:

Temporary Use Permit

to permit the development of a temporary real estate sales centre and coffee shop in the City Centre for a period not to exceed three (3) years.

LOCATION: 10230 - 133A Street

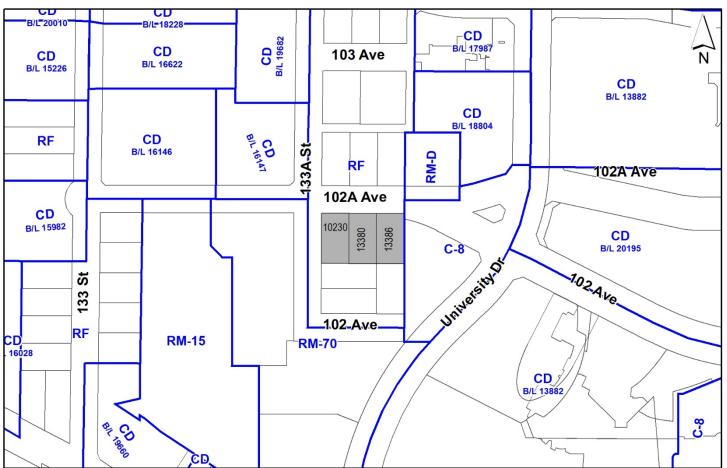
13380 - 102A Avenue 13386 - 102A Avenue

ZONING: RF

OCP DESIGNATION: Downtown

CCP DESIGNATION: Mid to High Rise Residential 3.5

FAR



RECOMMENDATION SUMMARY

• Approval for Temporary Use Permit to proceed to Public Notification.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

None.

RATIONALE OF RECOMMENDATION

- The proposed Temporary Use Permit (TUP) will allow construction of a temporary sales centre with a food and beverage component on the subject site from which the applicant will market units for a proposed high-rise development.
- The high-rise development project to be marketed includes a 42-storey mixed-use tower with a 6-storey commercial and office podium and was granted Third Reading by Council under Application No. 7923-0013-00 on September 25, 2023 and is located at the northeast corner of City Parkway and 102 Avenue.
- Due to the necessary excavation and construction works for Application No. 7923-0013-00, the proposed sales centre and parking is proposed to be located on the subject site.
- The applicant will submit a \$5,000.00 bond to ensure the removal of the temporary sales centre and restoration of the site to its original condition at the conclusion of the TUP term.
- The TUP will not preclude future redevelopment of the site in accordance with the City Centre Plan.

RECOMMENDATION

The Planning & Development Department recommends that:

- 1. Council approve Temporary Use Permit No. 7923-0264-00 (Appendix III) to proceed to Public Notification.
- 2. Council instruct staff to resolve the following issues prior to final approval:
 - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
 - (b) submission of a \$5,000 security to ensure that the site is restored following termination of the Temporary Use Permit;
 - (c) submission of a finalized landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
 - (d) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
 - (e) the applicant satisfy the deficiency in tree replacement on the site, to the satisfaction of the Planning and Development Department; and
 - (f) submission of securities for tree retention.

SITE CONTEXT & BACKGROUND

Direction	Existing Use	CCP Designation	Existing Zone
Subject Site	Single family	Mid to High Rise	RF
	dwellings	Residential 3.5 FAR	
North (Across 102A Avenue):	Future 43-storey	High Rise	RF
	mixed use tower	Residential - Type I	
	with an 8-storey	5.5 FAR	
	apartment podium		
	(3 rd reading		
	granted on		
	October 30, 2023		
	under Application		
	No. 7921-0270-00)		
East:	Parking lot	Mid to High Rise	C-8
		Residential 3.5 FAR	
South:	Single family	Mid to High Rise	RF
	dwellings	Residential 3.5 FAR	
West (Across 133A Street):	Apartment	Mid to High Rise	RM-70
	complex	Residential 3.5 FAR	

Context & Background

- The subject sites, located at 10230 133A Street, 13380 and 13386 102A Avenue in the City Centre, collectively are 2,205 square metres in size and zoned "Single Family Residential Zone (RF)". The sites are designated "Downtown" in the Official Community Plan (OCP), and " Mid to High Rise Residential 3.5 FAR" in the City Centre Plan (CCP).
- The associated development project at 13511, 13521, 13531, 13541 and 13551 102 Avenue
 (Application No. 7923-0013-00) received Third Reading from Council on September 25, 2023.
 The application is to permit a 42-storey mixed use tower with a 6-storey commercial and office podium.

DEVELOPMENT PROPOSAL

Planning Considerations

- The developer, Marcon, has proposed to construct a sales centre on the subject site with a food and beverage component to market their new development located at the northeast corner of City Parkway and 102 Avenue under Application No. 7923-0013-00.
- The current zoning of the subject site, "Single Family Residential Zone (RF)", does not permit the use of a real estate sales centre. Therefore, the applicant has proposed a Temporary Use Permit to allow the operation of the temporary real estate sales centre on the subject site.
- Locating the proposed sales centre on the subject site will allow for the construction of the development site under Application No. 7923-0013-00, without the conflict of an onsite sales centre, which would need to relocated throughout the construction process. This will eliminate construction waste and unnecessary project delays.
- Should Council support the temporary use, the proposed sales centre is intended to be in full operation by end of summer/fall 2024.
- The proposed sales centre, which is approximately 567 square metres in size, consists of two display suites, offices, sales presentation area, food and beverage area (coffee shop), kitchen, lounge/sitting area and washrooms.
- The proposed coffee shop component of the proposal is intended to mainly coincide with general operating hours of the sales centre. However, on days when the sales centre is closed, it is intended to operate and service the immediate neighborhood by offering coffee, refreshments and snacks like sandwiches and baked goods.
- A surface parking lot with spaces for 14 vehicles will be provided on-site for customers and temporary parking of construction workers' vehicles with access from 133A Street.
- The subject sites are heavily trees with 34 identified bylaw-sized trees with one located on the city boulevard. Seven (7) trees are proposed to be retained.

• The Temporary Use Permit is proposed to be in effect for three years, which would be sufficient time for the applicant to complete the sales of the residential units for the proposed project under Application No. 7923-0013-00. There is potential for renewal should the temporary real estate sales centre be required beyond that time. A maximum of one renewal period is permitted for an approved TUP and is subject to Council approval.

Referrals

Engineering: The Engineering Department has no objection to the project.

Transportation Considerations

Access:

• The applicant is proposing to access the subject sites via 133A Street.

Parking:

Rather than capturing gross floor area in accordance with the Zoning Bylaw, concessions to
calculations have been considered given the temporary nature of the proposal. The outdoor
terrace and kitchen have been excluded from the parking calculations. This results in a total
of 8 parking spaces being required for the proposed temporary sales centre/office and eating
establishment. The applicant is proposing to provide 14 parking spaces, exceeding the
requirement.

Parkland and/or Natural Area Considerations

- Two class C ditches are identified on the City's COSMOS mapping system along the 102A Avenue frontage.
- A Qualified Environmental Professional (QEP) attended the site and confirmed that these ditches do not exist.

POLICY & BY-LAW CONSIDERATIONS

• The proposed temporary use supports a higher density development within City Centre by being the official real estate sales centre for a 42 storey mixed-use tower with a 6-storey commercial and office podium and 365 residential dwelling units under Application No. 7923-0013-00. Upon TUP expiry, it is anticipated that the subject site will develop consistent with the Residential Mid to High Rise 3.5 FAR designation in the City Centre Plan.

PUBLIC ENGAGEMENT

• Pre-notification letters were sent on October 21, 2023, and the Development Proposal Signs were installed on October 25, 2023, Staff received one response from neighboring properties (staff comments in italics).

- One resident inquired about what will happen to the subject properties once the temporary use concludes.
 - The intent is to return the subject sites back to their original conditions.

TREES

• Glenn Murray, ISA Certified Arborist of Froggers Creek Tree Consultants Ltd., prepared an Arborist Assessment for the subject property. The table below provides a summary of the proposed tree retention and removal by tree species:

Table 1: Summary of Proposed Tree Preservation by Tree Species:

Tree Species		isting	Remove	Retain	
Alder and Cottonwood Trees					
Cottonwood		8	8	0	
(excluding		ous Trees nd Cottonwo	ood Trees)		
Plum		2	0	2	
Hazelnut		1	1	0	
Holly		1	1	0	
Mountain Ash		1	1	0	
	Conifer	ous Trees			
Douglas Fir		8	7	1	
Lawson Cypress	3		1	2	
Western Red Cedar	10		8	2	
Total (excluding Alder and Cottonwood Trees)		26	19	7	
Total Replacement Trees Proposed (excluding Boulevard Street Trees)		29			
Total Retained and Replacement Trees Proposed		36			
Estimated Contribution to the Green City Program \$9,350					

- The Arborist Assessment states that there are a total of 26 mature trees on the site, excluding Alder and Cottonwood trees. Of the 26 existing trees, approximately 31% of the total trees on the site are Alder and Cottonwood trees. The applicant proposes to retain 7 trees as part of this development proposal. The proposed tree retention was assessed taking into consideration the location of services, building footprints, road dedication and proposed lot grading.
- For those trees that cannot be retained, the applicant will be required to plant trees on a 1 to 1 replacement ratio for Alder and Cottonwood trees, and a 2 to 1 replacement ratio for all other trees. This will require a proposed total of 46 replacement trees on the site. Since 29 replacement trees can be accommodated on the site, the proposed deficit of 17 replacement

trees will require an estimated cash-in-lieu payment of \$9,350, representing \$550 per tree to the Green City Program, in accordance with the City's Tree Protection By-law.

- The new trees on the site will consist of a variety of trees, shrubs and perennials including Autumn Blaze Maple, Shore Pine, Ramapo Rhododendron and Moonshine Yarrow.
- In summary, a total of 36 trees are proposed to be retained or replaced on the site with an estimated contribution of \$9,350 to the Green City Program.

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Appendix I. Site Plan and Building Elevations

Appendix II. Engineering Summary

Appendix III. Temporary Use Permit No. 7923-0264-00

Appendix IV. Summary of Tree Survey, Tree Preservation and Tree Plans

Appendix V. Aerial Photo

approved by Ron Gill

Don Luymes General Manager Planning and Development

EM/ar

MARCON CITY PARKWAY (GP) LTD.

102A AVENUE & 133A STREET-OUTPOST

102A Avenue & 133A Street, Surrey, B.C.



1 2023-08-14 ISSUED FOR TUP No. Date Revision

No.	Date	Revision Notes
	I	1
_		
_		
5	2023-11-10	REISSUED FOR TUP
4	2023-10-27	ISSUED FOR TENDER REVIEW
3	2023-10-06	REISSUED FOR TUP



PERSPECTIVE FROM NORTHEAST

|--|

LOTS 1 TO 3, SECTION 27, BLOCK 5 NORTH

RANGE 2 WEST, NEW WESTMINSTER DISTRIC PLAN. 13427

CIVIC ADDRESS 13380 102A AVENUE, SURREY BO

13386 102A AVENUE, SURREY BO 10230 133A STREET, SURREY, BO

EXISTING LOT ZONING

AUTHORITY HAVING JURSIDICTION

PROJECT DESCRIPTION

PRE-SALES CENTRE

1 STOREY TEMPORARY USE - NEW CONSTRUCTION

DEVELOPMENT STATISTICS

2207.63 M2 (23,762.7 sf)

GROSS BUILDING AREA

PROPOSED FLOOR SPACE RATIO

566.9 M2 (BUILDING GFA)/2207 M2 (LOT AREA) = .257

PROPOSED LOT COVERAGE

PROPOSED SETBACKS

FRONT YARD - FACING 102 A AVENUE 4.083M 13.879M 8.891M 15.778M REAR YARD (SOUTH)

PROPOSED BUILDING HEIGHT

PARKING PROVIDED

BUILDING CODE INFORMATION

BCBC 2018 - Division B - Part :

Group A Division 2 / Group D 3.2.2.28 / 3.2.2.62 Combustible or Noncombustib 3 1 Storey 585,5 sq. meters 600 sq. meters lossed on 3 streets faced Not Required Not Required

PROJECT LOCATION



PROJECT TEAM

MARCON CITY PARKWAY (GP) LTD.

Suite B700 - 20020-84 Avenue, Langley, BC V2Y 5K9 (604) 530.5646

ARCHITECT

CODE CONSULTANT

JENSEN HUGHES CONSULTING CANADA LTD. 1901 Rosser Avenue - Suite 500, Burnaby BC V5C 6R6 (604) 684-2384

STRUCTURAL ENGINEER

GLOTMAN SIMPSON CONSULTING ENGINEERS 1861 West 5th Avenue, Vancouver, BC, V6J 1N5 (604) 734-8822

MECHANICAL ENGINEER

ENERSOLV DESIGN AND BUILD Unit 50 – 3711 North Fraser Way, Burnaby, BC, VSJ 5J2 (604) 684-7244

ELECTRICAL ENGINEER

NEMETZ(S/A) & ASSOCIATES LTD. 2009 West 4th Avenue, Vancouver, BC V6J 1N3 (604) 736.6562

LANDSCAPE ARCHITECT

LOCI LANDSCAPE ARCHITECTURE + URBAN DESIGN 1738 Kingsway, Vancouver BC VSN 253 (604) 694.0053

BUILDING ENVELOPE CONSULTANT

BC BUILDING SCIENCE LTD. 611 Bent Ct. New Westminster, BC, V3M 1V3

CIVIL ENGINEER APLIN & MARTIN CONSULTANTS LTD. 1818-1177 West Hastings Street, Vancouver, BC, V6E 2K3 (604) 678.9434

GEOTECHNICAL ENGINEER
GEOPACIFIC CONSULTANTS LTD.
1779 West 75th Avenue, Vancouver, BC, V6P 6P2 (604) 439.0922

FROGGERS CREEK TREE CONSULTANTS LTD. 7763 McGregor Avenue, Burnaby, BC V5J 4H4 (604) 721-6002

LAND SURVEYOR

UNDERHILL GEOMANTICS LTD. 301, 8337 Eastlake Drive, Burnaby, BC V5A 4W2 (604) 732-3384

DRAWING LIST

A0.01	SURVEY
40.02	ABBREVIATIONS
A0.03	GENERAL NOTES
A0.04	ASSEMBLIES - WALL & ROOF TYPES
A0.06	LISTED ASSEMBLIES
40.06	LISTED ASSEMBLIES
40.07	WINDOW SCHEDULE
40.06	DOOR SCHEDULE
A1.01	FOUNDATION PLAN
A1.03	FLOORPLAN WEST
A1.04	FLOORPLAN EAST
A1.06	ROOF PLAN
A1.06	LEVEL 1 REFLECTED CEILING PLAN
A3.01	SECTIONS
A3.02	SECTIONS
A4.01	WALL SECTIONS
A4.02	WALL SECTIONS
A4.03	WALL SECTIONS
A8.01	DETAILS
A8.02	DETAILS
A8.03	DETAILS



102A AVENUE & 133A STREET OUTPOST 102A Avenue & 133A Street Surrey, B.C.

MARCON

ClientOwner
MARCON CITY PARKWAY (GP) LTD. B700 - 20020 84th Avenue Langley, B.C. V2Y 5K9

COVER SHEET

Project Number 2203

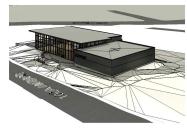
As indicated



NORTHEAST AERIAL



PERSPECTIVE - GROUND FROM NORTHEAST



NORTHWEST AERIAL



PERSPECTIVE - GROUND FROM NORTHWEST



SOUTHEAST AERIAL



PERSPECTIVE - GROUND FROM SOUTHEAST



SOUTHWEST AERIAL



PERSPECTIVE - GROUND FROM SOUTHWEST



No.	Date	Revision Notes
		1
-		
_		
3	2023-10-06	REISSUED FOR TUP
2	2023-10-06	ISSUED FOR BP
1	2023-08-14	ISSUED FOR TUP



Project Tale
102A AVENUE & 133A
STREET OUTPOST

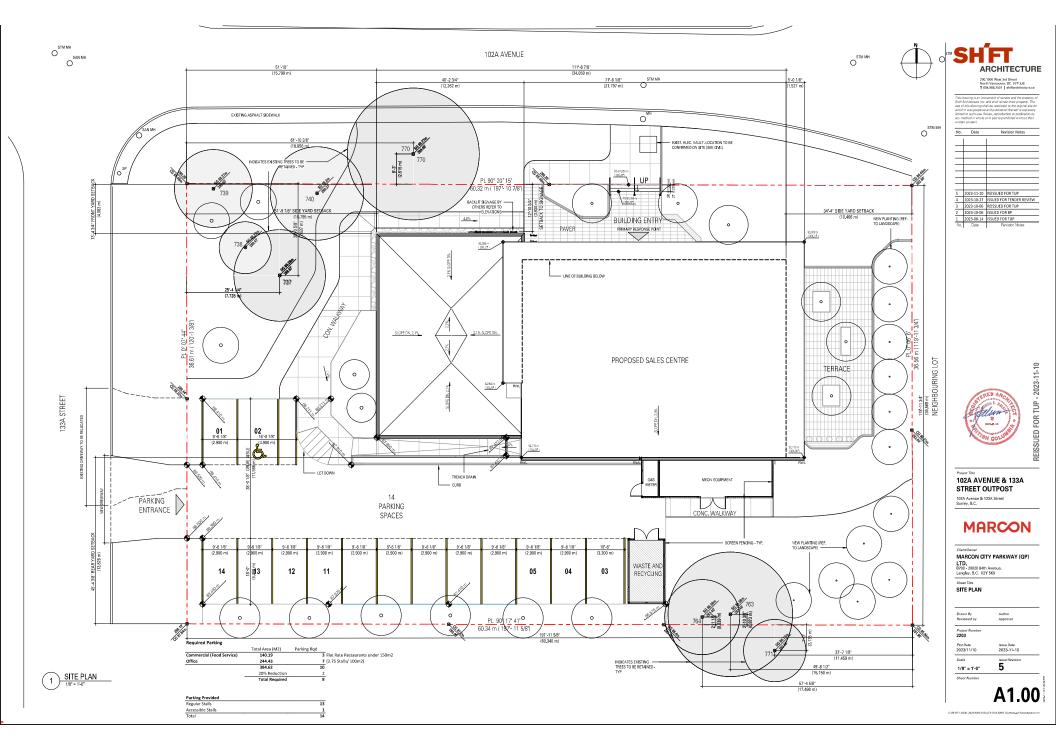
102A Avenue & 133A Street Surrey, B.C.

MARCON

Client/Owner
MARCON CITY PARKWAY (GP) MARCON CITY PAR LTD. B700 - 20020 84th Avenue, Langley, B.C. V2Y 5K9

Sheet Title
PERSPECTIVES

Project Number





INTER-OFFICE MEMO

TO: Director, Area Planning & Development

- North Surrey Division

Planning and Development Department

FROM: Development Services Manager, Engineering Department

DATE: November 08, 2023 PROJECT FILE: 7823-0264-00

RE: Engineering Requirements

Location: 10230 133A St

TEMPORARY USE PERMIT

The following are requirements of the proposed Temporary Use Permit and are conditions of Building Permit issuance:

- Construct concrete letdown onto 113A Street.
- Provide onsite sustainable drainage facilities to manage all on-lot runoff.
- Provide SWCP to confirm adequate capacity in the drainage system on 102A Avenue.
- Water quality treatment is required for all on-lot surface parking and drive aisle areas prior to discharging off-site.
- Utilize (1) existing sanitary connection, and abandon all other connections.
- Meter and backflow preventer required at property line of existing connection. Abandon all other existing connections.

A Servicing Agreement is not required.

Jeff Pang, P.Eng.

Jeffy lang

Development Services Manager

MS

CITY OF SURREY

(the "City")

TEMPORARY USE PERMIT

N I C		
$N(\cdot)$	7923-0264-00	
1 10	/927 0204 00	•

Issued To:

("the Owner")

Address of Owner:

- 1. This temporary use permit is issued subject to compliance by the Owner with all statutes, by-laws, orders, regulations or agreements, except as specifically varied by this temporary use permit.
- 2. This temporary use permit applies to that real property including land with or without improvements located within the City of Surrey, with the legal description and civic address as follows:

Parcel Identifier: 004-836-588 Lot 1 Section 27 Block 5 North Range 2 West New Westminster District Plan 13427 10230 - 133A Street

Parcel Identifier: 003-495-400 Lot 2 Section 27 Block 5 North Range 2 West New Westminster District Plan 13427 13380 - 102A Avenue

Parcel Identifier: 006-784-968 Lot 3 Section 27 Block 5 North Range 2 West New Westminster District Plan 13427 13386 - 102A Avenue

(the "Land")

- 3. The authority to issue Temporary Use Permits is granted to municipalities under Sections 492 and 493 of the *Local Government Act* R.S.B.C. 2015, c.1. Pursuant to Implementation, II(c) Implementation Instruments, Temporary Use Permits of Surrey Official Community Plan, 2013, No. 18020, as amended, the entire City of Surrey is designated a Temporary Use Permit area.
- 4. The temporary use permitted on the Land shall be for:
 - (a) A real estate sales centre and associated surface parking lot;

- (b) Coffee shop; and
- (c) Temporary parking of construction worker's vehicles.
- 5. The temporary use permitted on the Land shall be in accordance with:
 - (a) The appearance and location of the buildings, access and parking as shown on Schedule A which is attached hereto and forms part of this permit.
- 6. The temporary use shall be carried out according to the following conditions:
 - (a) Parking is restricted to vehicles less than 5,000 kilograms GVW;
 - (b) The parking surface shall be of a dust-free material such as crushed gravel; and
 - (c) Upon termination of this Temporary Use Permit, the real estate centre/coffee shop and temporary parking shall be removed, and the land restored to its original condition.
- 7. As a condition of the issuance of this temporary use permit, Council is holding security set out below (the "Security") to ensure that the temporary use is carried out in accordance with the terms and conditions of this temporary use permit. Should the Owner fail to comply with the terms and conditions of this temporary use permit within the time provided, the amount of the Security shall be forfeited to the City. The City has the option of using the Security to enter upon the Land and perform such works as is necessary to eliminate the temporary use and bring the use and occupancy of the Land into compliance with Surrey Zoning By-law, 1993, No. 12000, as amended (the "Works"). The Owner hereby authorizes the City or its agents to enter upon the Land to complete the Works. There is submitted accordingly:

Cash in the amount of \$5,000.00

- 8. The Land shall be developed strictly in accordance with the terms and conditions and provisions of this temporary use permit. This temporary use permit is not a building permit.
- 9. An undertaking submitted by the Owner is attached hereto as Appendix I and forms part of this temporary use permit.

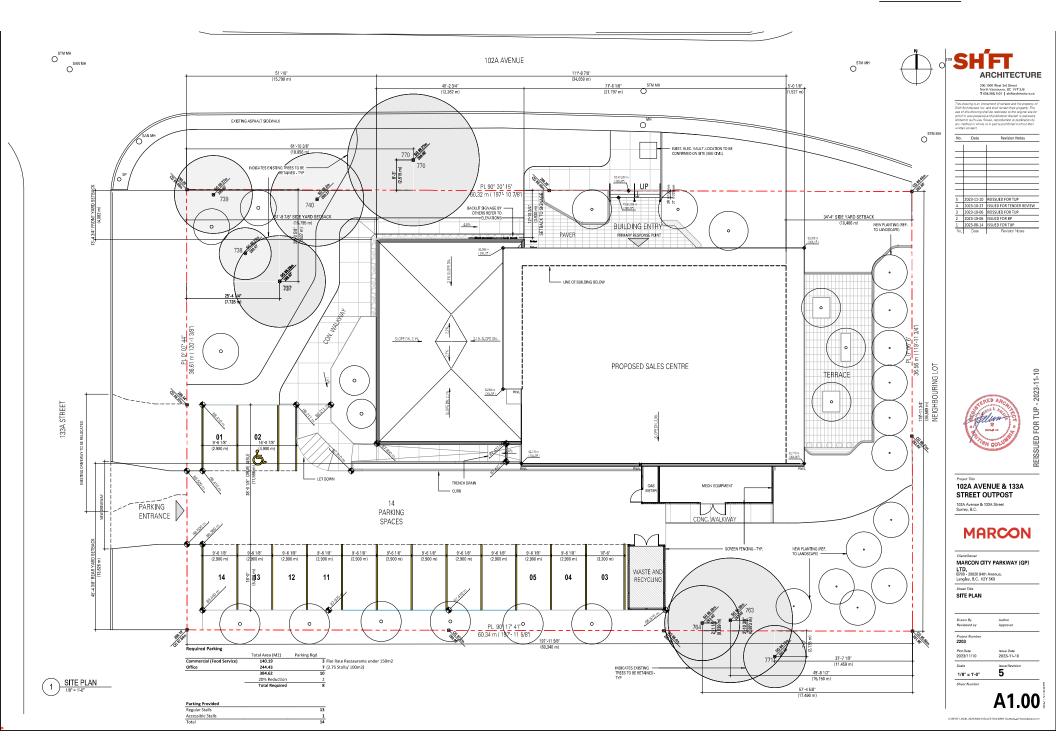
10.	This tem	porary use perr	nit is not transferable	•		
11.	This tem	porary use perr	mit shall lapse on or b	efore three year	rs from date of	issuance.
AUTH	ORIZING	RESOLUTION	PASSED BY THE CO	UNCIL, THE	DAY OF	, 20 .
ISSUEI	O THIS	DAY OF	,20 .			
				Mayor – Breno	da Locke	
				City Clerk - Ie	nnifer Ficocelli	

IN CONSIDERATION OF COUNCIL'S APPROVAL OF THIS TEMPORARY USE PERMIT AND OTHER GOOD AND VALUABLE CONSIDERATION, I/WE THE UNDERSIGNED AGREED TO THE TERMS AND CONDITIONS OF THIS TEMPORARY USE PERMIT AND ACKNOWLEDGE THAT WE HAVE READ AND UNDERSTOOD IT.

	Authorized Agent: Signature
OR	Name (Please Print)
U.	
	Owner: Signature
	Name: (Please Print)

TO THE CITY OF SURREY:

I,	(Name of Owner)
being the	owner of
	(Legal Description)
known as	
	(Civic Address)
hereby un	dertake as a condition of issuance of my temporary use permit to:
(a)	demolish or remove all buildings and/or structures that are permitted to be constructed pursuant to the temporary use permit issued to me; and
(b)	restore the land described on the temporary use permit to a condition specified in that permit;
all of whic permit.	th shall be done not later than the termination date set out on the temporary use
agents ma is necessar complianc submitted	Inderstand that should I not fulfill the undertaking described herein, the City or its y enter upon the land described on the temporary use permit and perform such work as ry to eliminate the temporary use and bring the use and occupancy of the land in see with Surrey Zoning By-law, 1993, No. 12000, as amended, and that any securities by me to the City pursuant to the temporary use permit shall be forfeited and applied to frestoration of my land as herein set out.
This unde	rtaking is attached hereto and forms part of the temporary use permit.
	(Owner)
	(Witness)



Tree Preservation Summary

Surrey Project No: 7923-0264-00

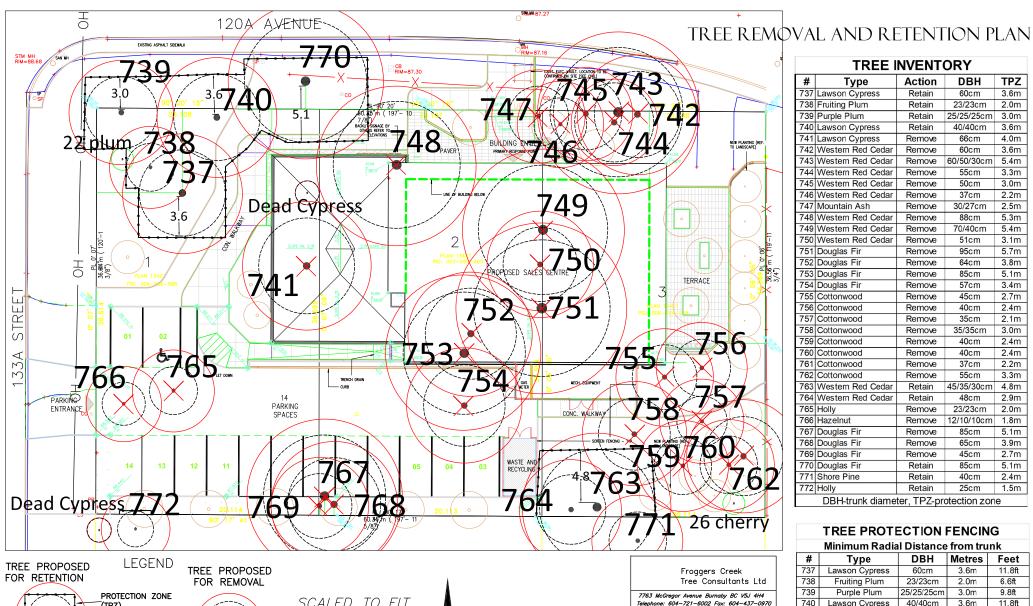
Address: 10230 133A St and 13386 102A Avenue Surrey

Registered Arborist: Glenn Murray

On-Site Trees	Number of Trees
Protected Trees Identified (on-site and shared trees, including trees within boulevards and proposed streets and lanes, but excluding trees in proposed open space or riparian areas)	34
Protected Trees to be Removed	27
Protected Trees to be Retained (excluding trees within proposed open space or riparian areas)	7
Total Replacement Trees Required: - Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 8	46
Replacement Trees Proposed	29
Replacement Trees in Deficit	17
Protected Trees to be Retained in Proposed [Open Space / Riparian Areas]	0

Off-Site Trees	Number of Trees
Protected Off-Site Trees to be Removed	0
Total Replacement Trees Required:	
- Alder & Cottonwood Trees Requiring 1 to 1 Replacement RatioX one (1) = 0	0
- All other Trees Requiring 2 to 1 Replacement Ratio	
X two (2) = 0	
Replacement Trees Proposed	
Replacement Trees in Deficit	0

Summary, report and plan prepared and Submitted by.					
Shapping					
	10-Nov-23				
(Signature of Arborist)	Date				



TREE INVENTORY							
#	Type	Action	DBH	TPZ			
737	Lawson Cypress	Retain	60cm	3.6m			
738	Fruiting Plum	Retain	23/23cm	2.0m			
739	Purple Plum	Retain	25/25/25cm	3.0m			
740	Lawson Cypress	Retain	40/40cm	3.6m			
741	Lawson Cypress	Remove	66cm	4.0m			
742	Western Red Cedar	Remove	60cm	3.6m			
743	Western Red Cedar	Remove	60/50/30cm	5.4m			
744	Western Red Cedar	Remove	55cm	3.3m			
745	Western Red Cedar	Remove	50cm	3.0m			
746	Western Red Cedar	Remove	37cm	2.2m			
747	Mountain Ash	Remove	30/27cm	2.5m			
748	Western Red Cedar	Remove	88cm	5.3m			
749	Western Red Cedar	Remove	70/40cm	5.4m			
750	Western Red Cedar	Remove	51cm	3.1m			
751	Douglas Fir	Remove	95cm	5.7m			
752	Douglas Fir	Remove	64cm	3.8m			
753	Douglas Fir	Remove	85cm	5.1m			
754	Douglas Fir	Remove	57cm	3.4m			
755	Cottonwood	Remove	45cm	2.7m			
756	Cottonwood	Remove	40cm	2.4m			
757	Cottonwood	Remove	35cm	2.1m			
	Cottonwood	Remove	35/35cm	3.0m			
759	Cottonwood	Remove	40cm	2.4m			
760	Cottonwood	Remove	40cm	2.4m			
761	Cottonwood	Remove	37cm	2.2m			
762	Cottonwood	Remove	55cm	3.3m			
	Western Red Cedar	Retain	45/35/30cm	4.8m			
	Western Red Cedar	Retain	48cm	2.9m			
	Holly	Remove	23/23cm	2.0m			
	Hazelnut	Remove	12/10/10cm	1.8m			
767	Douglas Fir	Remove	85cm	5.1m			
	Douglas Fir	Remove	65cm	3.9m			
	Douglas Fir	Remove	45cm	2.7m			
	Douglas Fir	Retain	85cm	5.1m			
	Shore Pine	Retain	40cm	2.4m			
772	Holly	Retain	25cm	1.5m			
DBH-trunk diameter, TPZ-protection zone							

TREE PROTECTION FENCING Minimum Radial Distance from trunk

737 Lawson Cypress 60cm 3.6m 11.8ft 738 Fruiting Plum 23/23cm 2.0m 6.6ft 739 Purple Plum 25/25/25cm 3.0m 9.8ft 740 Lawson Cypress 40/40cm 3.6m 11.8ft 763 Western Red Cedar 45/35/30cm 4.8m 15.7ft 764 Western Red Cedar 48cm 2.9m 9.4ft 770 Douglas Fir 85cm 5.1m 16.7ft 771 Shore Pine 40cm 2.4m 7.9ft	#	Type	DBH	Metres	Feet
739 Purple Plum 25/25/25cm 3.0m 9.8ft 740 Lawson Cypress 40/40cm 3.6m 11.8ft 763 Western Red Cedar 45/35/30cm 4.8m 15.7ft 764 Western Red Cedar 48cm 2.9m 9.4ft 770 Douglas Fir 85cm 5.1m 16.7ft	737	Lawson Cypress	60cm	3.6m	11.8ft
740 Lawson Cypress 40/40cm 3.6m 11.8ft 763 Western Red Cedar 45/35/30cm 4.8m 15.7ft 764 Western Red Cedar 48cm 2.9m 9.4ft 770 Douglas Fir 85cm 5.1m 16.7ft	738	Fruiting Plum	23/23cm	2.0m	6.6ft
763 Western Red Cedar 45/35/30cm 4.8m 15.7ft 764 Western Red Cedar 48cm 2.9m 9.4ft 770 Douglas Fir 85cm 5.1m 16.7ft	739	Purple Plum	25/25/25cm	3.0m	9.8ft
764 Western Red Cedar 48cm 2.9m 9.4ft 770 Douglas Fir 85cm 5.1m 16.7ft	740	Lawson Cypress	40/40cm	3.6m	11.8ft
770 Douglas Fir 85cm 5.1m 16.7ft	763	Western Red Cedar	45/35/30cm	4.8m	15.7ft
g	764	Western Red Cedar	48cm	2.9m	9.4ft
771 Shore Pine 40cm 2.4m 7.9ft	770	Douglas Fir	85cm	5.1m	16.7ft
	771	Shore Pine	40cm	2.4m	7.9ft
772 Holly 25cm 1.5m 4.9ft	772	Holly	25cm	1.5m	4.9ft

PROTECTION ZONE (TPZ)

FENCING DIMENSIONS IN METRES PROTECTION FENCING NO BUILD ZONE (NBZ)



SCALED TO FIT ALL DISTANCES ARE IN METRES

PAGE 12

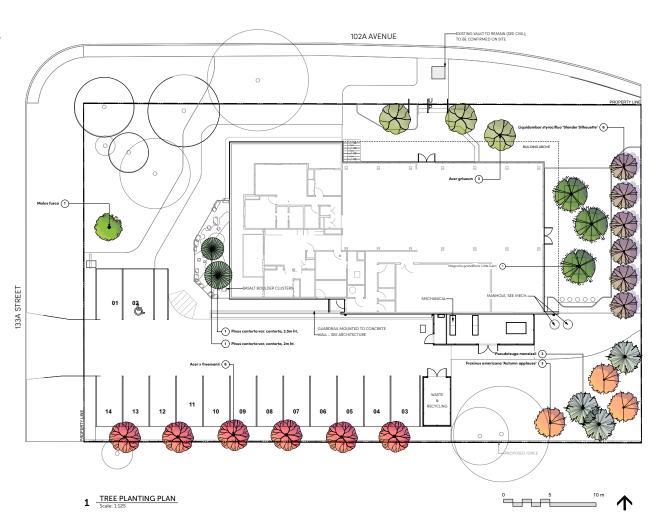
10230 133A St & 13386 102A Ave SURREY

TREE REMOVAL AND RETENTION PLAN
THE DRAWING PLOTS ALL TREES, PROPOSED FOR
RETENTION, REMOVAL, THEIR PROTECTION ZONES
AND PROTECTION FENCING IN RELATION TO
PROPOSED LAYOUT

November 10, 2023

GENERAL PLANTING NOTES:

- ALL PLANTING SHALL BE IN ACCORDANCE WITH BC LANDSCAPE STANDARD, LATEST EDITION
- ALL TREE AND SHRUB AREAS TO BE MULCHED WITH 50MM (2") OF MEDIUM FINE MULCH, LESS THAN 50MM (2") DIAMETER.
- 3. ROOTZONE TO REST ON TAMPED PLANTING SOIL
- SHRUBS: PREPARE PLANTING HOLES AS SPECIFIED. PLANT AT THE SAME GRADE
 AS NURSERY, WATER AND FERTILIZE AS SPECIFIED. ENSURE POSITIVE DRAINAGE
 THROUGHOUT PLANTING BED
- 5. TREE SIZE AND SPACING TO BE AS PER CITY OF SURREY ARBORIST
- TREE: PREPARE PLANTING HOLES AS SPECIFIED INSTALL TOP OF ROOTZONE 6"
 ABOVE FINISHED GRADE OF GROWING MEDIUM. WATER AND FERTILIZE AS
 SPECIFIED BY NURSERY.
- FINAL SOFTSCAPE AND GRADING LAYOUTS AS WELL AS LOCATION SPACING TO BE APPROVED BY LANDSCAPE ARCHITECTS IN THE FIELD PRIOR TO INSTALLATION
- IN CASE OF A DISCREPANCY BETWEEN PLANT INFORMATION ON THE LIST AND ON THE PLAN, THE LATTER SHALL PREVAIL
- ALL PLANT MATERIAL TO BE MANUALLY WATERED FROM START OF INSTALLATION THROUGH THE END OF THE WARRANTY PERIOD
- 10. INSTALL TREE PROTECTION FENCING AROUND ALL EXISTING TREES TO CITY OF SURREY STANDARDS. INSTALL TREE PROTECTION FENCING ON NEW PLANTING IF PHASED INSTALLATION IS REQUIRED.
- 11. FINAL PLANT SPACING, QUANTITY AND TREE PLACEMENT TO BE REVIEWED TO THE SATISFACTION OF GENERAL MANAGER OF ENGINEERING SERVICES





1738 KINGSWAY, VANCOUVER, BC V5N 2

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Project Sta



Date 23-10-13 23-10-27 23-11-10

Issue

F Re-issued for TUP
G Issued for IFT (draft)
H Re-issued for TUP

Project Info

102A Avenue & 133A Street Outpost

102A Avenue & 133A Street Surrey, BC

Project Team Client Marcon

Architect Shift Architecture

Landscape Architect

LOCI Landscape Architecture + Urban Desi

Drawn By Checked By

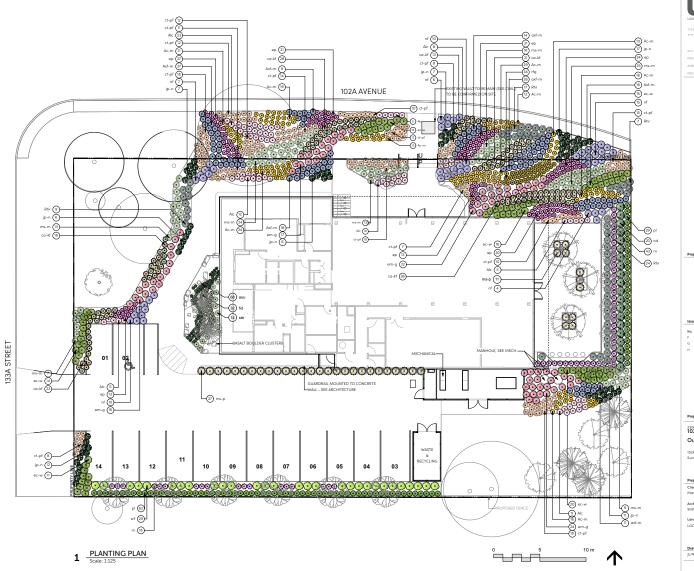
TREE PLANTING PLAN

L1.3

Rev. A revision

GENERAL PLANTING NOTES:

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Issue

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102A Avenue & 133A Street Surrey, BC

roject Team

Marcon

Architect Shift Architecture

LOCI Landscape Architecture + Urba

rawn By Checked

PLANTING PLAN

L1.4

Rev. A revision



City of Surrey Mapping Online System

