

File N^o: 5010512-000-T08**From:** Floris van Weelderden**Date:** November 16, 2010**Subject:** Permanent Parking Solution
Surrey Memorial Hospital P3 Pursuit - Surrey, BC

This document summarizes the permanent parking solution, including confirmation of the total number of parking spaces that will be provided. In addition, client's responses to the Request for Information (RFI) submitted and responded to date are incorporated where applicable.

Permanent Parking Solution

- Permanent parking will be provided on four levels as illustrated in **Drawing A-052 – Parking Plans**. This plan also illustrates the locations of staff, handicap, visitor and emergency parking.
- Surface parking will be provided at Level 1; covered surface parking at Level 0; and underground parking at Levels P1 and P2. The underground parking will be accessible from two locations:
 - The ramp located just off the King George Boulevard driveway; and
 - The access point on the southeast corner of the Critical Care Tower accessible from the existing South Driveway on 94A Avenue.
- FHA indicated that 35 spaces need to be incorporated into the surface long term parking. This requirement for replacement parking has been incorporated into the permanent parking solution.
- In keeping with the Master Plan, the parking strategy includes closing the parkade entrance on the internal east-west road next to the current Emergency Department Walk-in Entrance in North Building A. This vehicle entrance is no longer required as visitors would be directed to visitor/staff parking in front of and under the Critical Care Tower.
- Use of the east-west road next to the Ambulance Garage would be limited to Emergency Response vehicles, i.e. ambulances dropping off patients at the Emergency Department and police parking.
- Integration with Master Plan includes the following:
 - Underground Parking - Phase 2
 - The underground parkade proposed by ITS incorporates knock-out panels along the south wall of the Critical Care Tower at Levels P1 and P2 along with a parkade ramp that provides access to the northwest corner of the Critical Care Tower rather than the south side of the tower. These design elements facilitate:
 - Construction of Phase 2 without significantly impacting access to and parking at the Critical Care Tower.
 - Integration into a single underground parkade beneath the two towers
 - Design elements assist the ITS design achieving the goals of the Master Plan, specifically:
 - Providing two access points to the underground parkade. The ITS design negates the need to shift the Phase 1 vehicle entry ramp to the south as the proposed vehicle entry ramp would continue to serve this purpose. This would result in significant savings as the Phase 1 ramp would not need to be demolished; a replacement ramp would not need to be constructed; and construction of the Phase 2 tower would not

- be complicated by the need to maintain access to the underground parkade during construction.
- Provide 180 parking spaces underneath Phase 2 tower. The ITS design should result in significant savings as the space that would have been used for the shifted vehicle entry ramp would instead be used for parking stalls. Consequently, there would not be a need to go as deep when constructing the second tower.
- Future development of NW corner
 - The design of the surface parking and internal road network provides flexibility as to what form of development is provided in the northwest corner.
- Parking and Revenue Control (PARC) system
 - Type – pay-by-stall number
 - Pay stations – ITS will provide electrical connections for pay stations near building entrances, including:
 - Main Entrance
 - Emergency Department Walk-in Entrance
 - Critical Care Tower entrance on Level 0
 - Elevators on Levels P1 and P2
 - Foundation Building / PDC Youth Clinic
 - Charles Barham Building (surface parking)
 - South Building (surface parking)
 - F Building (surface parking)
 - Enforcement – conducted by Impark, which is Surrey Memorial Hospital's parking operator
- The proposed parking supply exceeds the minimum parking requirements of the City of Surrey and meets the FHA requirements (see **Table 1**) except for the pick-up/drop-off spaces in front of the Main Entrance. At this location, only 5 spaces (including 4 passenger curbside spaces) are provided due to space limitations; however, Phase 2 provides an opportunity to provide all 7 passenger curbside spaces.

Table 1 – Parking Supply

Location	Type of Parking Space	Required		Proposed	Notes
		CoS	FHA	ITS	
<u>Main Entrance</u>					
Surface (Level 1)	Taxi	-	1	1	
Surface (Level 1)	Pick-up/Drop-off	-	7	5	a.
<u>Emergency Walk-In Entrance</u>					
Surface (Level 1)	Taxi	-	1	1	
Surface (Level 1)	Pick-up/Drop-off	-	7	7	b.
<u>Visitor / Staff</u>					
Surface (Level 1)	Regular Stalls	-	-	70	
	Persons with Disabilities	-	-	2	c.
	On-call Emergency	-	4	4	
	(Surface - Level 1 - subtotal)	-	-	76	
Covered Surface (Level 0)	Regular Stalls	-	-	161	
	Persons with Disabilities	-	-	0	c.
	(Covered Surface - Level 0 - subtotal)	-	-	161	
	(Surface - Level 1 and 0 - total)	-	90	238	d.
Underground Parkade (Level P1)	Regular Stalls	-	-	120	
	Persons with Disabilities	-	-	4	c.
	(Parkade - Level P1 - subtotal)	-	-	124	
Underground Parkade (Level P2)	Regular Stalls	-	-	84	
	Persons with Disabilities	-	-	0	c.
	(Parkade - Level P2 - subtotal)	-	-	84	
	(Parkade - Level P1 and P2 - total)	-	350	208	
Total		303	440	446	
<u>Motorcycle</u>					
Surface (Level 1)	Motorcycle	-	6	6	
Underground Parkade (Level P1)	Motorcycle	-	-	4	
<u>Ambulance</u>					
Covered Surface (Level 0)	Patient Transfer Ambulance	-	1	1	
Ambulance Garage (Level 1)	Ambulance	-	6	6	
<u>Police</u>					
Adjacent to Ambulance Garage (Level 1)	Police vehicles	-	5	5	
<u>Lab Entrance Vestibule</u>					
Adjacent to Lab (Level 0)	Courier / Taxi	-	3	3	

- Notes:
- a. Phase 1 allows for 5 spaces including 4 passenger curb-side spaces; Phase 2 provides an opportunity to provide 7 passenger curb-side spaces
 - b. Phase 1 allows for 7 passenger curb-side spaces
 - c. Zoning Bylaw requires that 1 person with disabilities space be provided for every 100 spaces or part thereof
 - d. FHA requirement includes 35 replacement parking stalls
- CoS – City of Surrey FHA – Fraser Health Authority ITS – Integrated Team Solution