

**CRITERIA # 23 Helicopter Flight Potential / Proximity / Access to Fixed Wing Aircraft Landing
Weight: 3**

Assessment Definition: The site should be able to accommodate a helicopter landing area. As a result, the site must be free from adjacent tall buildings greater than 30m in height and out of the air path of the Windsor airport. Accessibility to the airport with effective travel routes is also required for patient transfers in order to accommodate all-condition (all-weather) navigation.

Scale Factors: Restrictions on flight path elevations (existing structures higher than 30M, within 1/2 km of parcel will limit directions for flight path / final approach or limit options to locate helipad on-site)

- "10": No structures higher than 30m within 1/2 km and direct access to airport (1 arterial/collector)
- "7": No structures higher than 30m within 1/2 km and indirect access to airport (2 arterial/collectors)
- "5": No structures higher than 30m within 1/2 km and with indirect access to the airport (1 or 2 arterial/collector and 1 local road)
- "3": No structures higher than 30m within 1/2 km and with indirect access to the airport (1 or 2 arterial/collector and more than 1 local road)
- "0": Existing structures higher than 30M within 1/2 km of parcel

	Vendor Response	Stanlec Response	Notes	Scale
Site A	There are no site characteristics that would prevent the use of a helipad. It is 6 kilometers to the airport via Walker Rd. or the 8th Concession (Oldcastle Rd.).			
Site B	There are no known characteristics that would prevent the establishment and use of a helipad on the Site. The Site is 10 kilometres from the Windsor International Airport.			
Site C	The subject site is 1.5 KM from the Windsor Airport. There are no buildings around that are higher than 30 m in height. The subject lands may lie within the flight path of the Airport training school. Further discussions and coordination may be required with the Airport and Transport Canada.			
Site D	The site is readily able to accommodate a helicopter landing area. It is free from adjacent tall buildings greater than 30m in height and out of the air path of the Windsor airport. Accessibility to and from the Windsor airport is direct with several options for routes.			
Site E	The subject site can accommodate a helicopter landing area with access to Windsor Airport with no structures higher than 30m within .5 km access to airport. 23 (a) The distance of the subject site to Windsor Airport is 7.72 km (8 Minutes). This response is applicable to all three (3) parcels of land that form the subject site.			
Site F	There are no structures higher than 30 m within 1/2 a km of the Site. The Windsor Airport can be accessed via Manning Road and County Road 42, and 401 via Walker Road and County Road 42. The Windsor Airport is 10.6 km from the Site. Please see Tab "18" - Windsor Airport Routes.			
Site G				

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Site H	The site area, configuration and location can ACCOMMODATE a helicopter landing area with direct access to the Windsor Airport with NO STRUCTURE HIGHER THAN 30 M AND 1/2 KM ACCESS TO THE AIRPORT. 23.1 The subject parcel is located 6 km (6 min) away from the Windsor Airport, an optimum location for patients that need air ambulance. 23.2 The close proximity of the subject site to the airport provides significant advantages to the hospital campus: logistics for transport of hospital equipment; ease of access for patient transport; and ease of emergency transport of equipment, patients, and medical support staff. 23.3 In accordance with the flight path mapping issued by the Windsor Airport, the subject property is not within the flight path of the Windsor International Airport. The location of the helicopter pad will be located to avoid outer surface of all flight paths for approach, takeoff and circling procedure or maneuvering in the vicinity of the specified aerodrome for Windsor International Airport. 23.4 All buildings within the hospital campus will be designed and positioned away from the outer surface of all flight paths for approach, takeoff and circling procedure or maneuvering in the vicinity of the specified aerodrome for Windsor International Airport. 23.5 The subject parcel has sufficient land area to accommodate a helicopter pad. The hospital campus design is being purposed with a helicopter pad. 23.6 Proposed buildings within the site will be designed and positioned away from the outer surface of flight paths for approach, takeoff and circling procedure or maneuvering in the vicinity of the specified aerodrome for Windsor International Airport. 23.7 A helicopter pad located on the hospital campus site will provide quick and easy access to fast transportation for health officials, emergency medical service agencies, EMS, Fire Departments and medical crews. It is also useful for transportation of time-sensitive items. 23.8 The helicopter pad will create inter-connectivity with local and international hospitals and medical sectors. The subject site is in close proximity to the Windsor International airport and with 22 ha (55 acres), the parcel is large enough to accommodate a helicopter pad that will be designed to avoid conflict with the airport.			
Site I	The Site could accommodate a helipad and has no adjacent structures greater than 30m in height. A wind farm is located approx. 1.5 kms northeast of the Site. Distance to Windsor airport is approx. 15 kms by road,			
Site J	The Site could accommodate a helipad and has no adjacent structures greater than 30m in height. A wind farm is located approx. 1.9 kms northeast of the Site. Distance to Windsor airport is approx. 15 kms by road,			
Site K	There are no buildings higher than 30m within 0.5km of the Subject Site. A 50m-high smoke stack is currently located on the Subject Site, but it is anticipated that this would be demolished in conjunction with the redevelopment of the property. It should be noted that there currently are two cell phone towers (each over 40m high) in close proximity to the Subject Site, located along the Essex Terminal Railway right-of-way. These would only (potentially) inhibit aerial approaches to the site from the north. The Subject Site is approximately 6.6km (by arterial roads) from Windsor Airport, as depicted in Figure 9.			
Site M	The site is proposed at a certified, controlled aerodrome. Therefore, there are no site characteristics that would prevent the establishment or use of a helipad either ground based or building fixed. Both rotary and fixed wing aircraft arrivals would benefit from established instrument landing system, air traffic control unit and winter snow and ice control maintenance. Access to fixed-wing aircraft exists within 1km of the proposed hospital site. Helicopter operations could occur within the proposed hospital site without ground transportation restrictions.			
Site N	The site is adjacent to Windsor Airport lands, but outside of any flight path. There are no surrounding buildings, or other obstructions.			

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Site O	There are no impediments to helicopter travel, landing and take-off patterns. Distances to Windsor Airport: 5 km by road, 3.5km by air. FOR DETAILS & INSERTS SEE INDEX TAB 23			
Site P	There are no restrictions for the use of Helicopter flight to this site. A helipad can be located in many different areas. Windsor Airport by road - 7.7km Windsor Airport by air - 7km			
Site Q	The Site is within close proximity to the Windsor Airport and is large enough to accommodate helicopter landing on the Site			
Site R	Due to its size and location, the Site is capable of accommodating for a helicopter landing area. There are no site constraints (tall buildings greater than 30m) in height and out of the air path of the Windsor airport. The Site is located 30 km from the Windsor International Airport. If necessary during the design and construction phases we are familiar with the requirements of orange. □			
Site S	Due to its size and location, the Site is capable of accommodating a helicopter landing area. There are no site constraints (tall buildings greater than 30m) in height and the Site is out of the air path of the Windsor airport. The Site is located 16 km east of the Windsor International Airport. If necessary during the design and construction phases we are familiar with the requirements of orange.			
Site T	There are no restrictions that would prohibit use of a helipad on the Site. The Site is approximately 12.9 km to the Windsor airport via the E.C. Row Expressway and approximately 9 km via air.			
Site U	Windsor Airport: 5.11 KM (7min)			

Signature _____
 Date _____