CRITERIA # 24 Topography
Weight: 3

Assessment Definition: The site should be relatively flat without too many grade changes in order to reduce the amount of cut and fill grading activities that would occur during construction.

Scale Factors: Topography:
- "10": Good topography - gentle to no fluctuations of relief
- "7": Site is mostly level and can accommodate all anticipated uses
- "5": Site is not level, but can still accommodate all anticipated uses
- "3": Site is not level and can only accommodate a limited number of anticipated uses
- "1": Poor topography - extreme fluctuations of relief and cannot accommodate anticipated uses

	Vendor Response	Stantec Response	Notes	Scale
Site A	The site meets the Topography requirements. There are gentle to no fluctuations in grade.	[redacted]		
Site B	The Site is relatively flat, therefore it should not involve a change in elevation.			
Site C	The site is flat with no change of elevations more than two metres. (Figure 24)			
Site D	The Site is a good topography for construction and is relatively flat, having few grade changes Drainage is provided now and the lands can be readily configured to accommodate retention ponds(s) for future development.			
Site E	The subject site is very flat with good topography - gentle to no fluctuations of relief. This response is applicable to all three (3) parcels of land that form the subject site.			
Site F	The site has good topography with almost no fluctuations.			
Site G	[redacted]			
Site H	The site has a flat, non-undulating terrain with excellent topography without fluctuations of relief. 24.1 The proposed site is currently active farmland. 24.2 Topography has a minimal slope to the land which indicates that grade changes upon development will be minimal. This flat topography will reduce the amount of cut-fill during detailed design and construction development. The proposed site has no elevation changes of more than two metres and is considered "great topography" with gentle to no fluctuations of relief.			
Site I	Site is flat with minimal to no grade changes.			
Site J	Site is flat with minimal to no grade changes.			
Site K	The Subject Site is effectively flat, with a maximum total change in elevation of approximately 2.3m. There do not appear to be any sudden changes in elevation on the site, with an overall average gradient of less than 0.4% (generally sloping from the southwest to the northeast).			
Site M	The topography of the proposed site is very flat. Elevations provided on the draft survey indicate that the difference between the highest point (182.76 m) and the lowest point 181.91 m) is less than 1 metre (0.85 m). This minimizes the requirement for fill material. The proposed site has been used for the cultivation of agricultural crops for many years and it is therefore open and free of any structures of features that would need to be removed.			
Site N	The site is flat.			
Site O	The attached topographic survey shows many grade points that show a very flat site: FOR DETAILS & INSERTS SEE INDEX TAB 24			
Site P	Site is flat with no significant changes in elevation			
Site Q	The Site is currently used for Agricultural uses and is relatively flat. There is a pond on the Site as well.			
Site R	Currently a farmed field, the Site is relatively flat with no significant grade changes throughout. There is a gentle slope westerly towards the Detroit River. Ultimately the Site is mostly level and able to accommodate all anticipated and proposed uses.			
Site S	Currently a farmed field, the site is relatively flat with no significant grade changes throughout. The site demonstrates a gentle slope towards the north-east corner, draining into both the West Puce Drain and Wallace Line Drain. Ultimately the site is mostly level and able to accommodate all anticipated and proposed uses, with maximum variation from one corner to the other approximately 3 meters.			
Site T	The Site is generally flat, although there is currently a horse racing track surface on the Site that has banked corners that were used to facilitate competitive horse racing. This track surface could be removed prior to the completion of the land sale thereby generally eliminating any changes in elevation on the Site.			
Site U	"No response indicated by Vendor"			

Signature _____

Date _____