

Preliminary design assistance of retaining walls



Techo-Bloc can help you in your preliminary design of retaining walls which fall outside the bounds of the Design Charts. However, preliminary design should only be used to assess the suitability of a wall system to a specific project or for estimating budget costs. It should not be used for construction. For final construction designs, please contact a qualified engineer in your area.

1. Techo-Bloc

Representative _____ Date _____

2. General project information

Enterprise _____ Are you a Techo-Pro? _____ (Yes/No)
 Address _____ City _____
 State/Province _____ Postal Code _____
 Contact _____ Telephone _____ Fax _____
 Email _____ Information date required _____
 Prepared by _____

Project title _____
 Address _____ City _____
 State/Province _____ Postal Code _____
 Type (industrial, commercial, institutional, residential) _____ Units (metric or imperial) _____

3. General information on walls

Block product _____ Techo-Bloc Distributor _____

Maximum wall height (above-ground) _____ Wall length _____

Tiered wall No Yes

	LOWER WALL	Distance between	UPPER WALL
Height	_____	_____	_____

If a grading plan is available, include it with this request (drawings should indicate the location of the wall, grade lines and loads). Otherwise, clear and detailed sketches must be provided.

4. Slope information

Indicate the angle or the ratio. For example, for a 1-unit vertical difference in level on a 3-unit horizontal plan, write 1V:3H.

Slope at BASE of wall? No Yes _____ (angle or ratio)

Slope ABOVE wall? No Yes _____ (angle or ratio)

5. Surcharge above wall

TYPE OF SURCHARGE (LOAD)	WALL DISTANCE
<input type="checkbox"/> Route	_____
<input type="checkbox"/> Parking/alley for heavy vehicles	_____
<input type="checkbox"/> Parking/alley for light vehicles	_____
<input type="checkbox"/> Swimming pool	_____
<input type="checkbox"/> Paved surface (patio)	_____
<input type="checkbox"/> Lawn/grass	_____
<input type="checkbox"/> Other _____	_____

6. Type of soil

Reinforced soil _____	Retained soil _____
<input type="checkbox"/> Clean sand and gravel	<input type="checkbox"/> Silty sand
<input type="checkbox"/> Silty gravel	<input type="checkbox"/> Clayey sand
<input type="checkbox"/> Clayey gravel	<input type="checkbox"/> Silt and clay
<input type="checkbox"/> Other _____	

If a soil report is available, attach it to this request.

Return this request by one of the following methods: **Fax** 450 656-1983

Mail Techo-Bloc - 5255 Albert-Millichamp Street, Saint-Hubert, QC J3Y 8Z8 **Email** walls@techo-bloc.com