

1 Q. **Projects over \$200,000 but less than \$500,000**

2 Perform Site Work for Mobile Substation Barachoix, page D-222:

3 Are there any Canadian utility standards that pertain to the appropriate land
4 configurations and fencing for such mobile substations?

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7 A. Hydro is not aware of any Canadian Utility standards that pertain to land
8 configurations and fencing for mobile substations. The site layout and fencing
9 requirements for Hydro's mobile substations are developed to enhance operational
10 efficiencies and provide for the safety of all personnel required to complete work
11 associated with the mobile substations.

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13 In order to determine the land configuration of the yard extension, the area
14 required for maneuvering a truck and trailer was a key factor. This information is
15 governed by the Transportation Association of Canada (TAC) manual produced by
16 the Government of Canada. This manual is a guideline; however, it is the accepted
17 standard of practice in Canada for road design and other transportation related
18 requirements, in particular for minimum turning radii for various size truck and
19 trailers.

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21 Fencing configurations for Hydro are determined based on space requirements to
22 safely work around equipment. In the case of the Barachoix terminal station, the
23 fence location was determined as a result of the selected location for the mobile
24 substation. As there are guy wires off the North side pole line of the station, the
25 mobile substation had to be located further north of the guy wires. The fence was
26 then extended around the selected mobile station set up location.