

QUESTIONS AND ANSWERS

Q1. Section 35 59 13 of the specification document states the “Square Shaped Fenders” are to be “D-Shaped” and “D-Bore” but the drawings show the fenders to be square shaped and bored. Please confirm the shape and bore of these fenders?

A1. The fenders are to be square shaped and square bore and Clause 3.2 of that section should be SQUARE SHAPED FENDER INSTALLATION.

Q2. Can I get the fender tire sizing confirmed. I don't think the sizes given on the drawings are correct.

A2. Tire sizes referenced in the contract Drawing MA-07, Detail 48 gives the inner tire diameter for the pipe pile fenders to be 356 mm. Specification section 35 59 13, clause 2.1.2.1 gives the maximum acceptable diameter of 381 mm. The preferred inner diameter of the tire depicted in Drawing MA-07, Detail 48 is 356 mm, should sufficient quantities of these tires be available. Otherwise, tires with up to a 381 mm inner diameter will be accepted. Any tire with a width less than 205mm is acceptable so long as it also meets the inner rim diameter limit. The aspect ratio is unspecified. For example: 185/75R14, 195/65R14, and 205/70R14 would be considered preferred tires; 185/65R15, 195/60R15, and 205/65R15 would all be considered acceptable tires.

Q3. Please provide geotechnical information for both the overburden and the bedrock formations found at the site.

A3. Overburden is loose, silty, fine sand with traces of gravel and ranges in thickness from approximately 0.5 m to 1.6 m. Bedrock is high strength, cherty limestone and begins at approximately elevation -3.0 m relative to chart datum.

Q4. Please provide a basic industry tire size (example: 275/55R20) which meets the parameters (inside & outside diameters) identified in the plans and specifications, that being:

Drawing MA-07 Detail 46 - “New Tire Fenders (356 mm dia I.D.)”

Specification 35 59 13, 2.1.2.1 - “Pipe Pile Fenders: diameter not greater than 381mm and width not greater than 205 mm”

A4. Refer to Question 2 above.

Q5. Please clarify that a “used / worn” tire (as opposed to new and unused) is acceptable to for use as a pipe pile fender.

A5. New material is not required. The acceptable condition of used tires is defined in specification section 35 59 13, clause 2.1.2.

Q6. We would like to request a one week extension on the closing date for the above tender. It is a very busy time of year for the subtrades, and we are having trouble getting pricing. Without an extension we may not be able to submit a bid.

A6. A modest extension will be granted.

Q7. With regard to the 219mm OD pipe piles, is there a definition of “snug”?

A7. Holes should be drilled to a diameter such that when the pipe piles are driven into the holes there is no lateral movement in any direction when a horizontal force of 0.5 kN is applied to the top of the pile.

Q8. Could you please clarify pipe sizes for the Line item # 20 - New Storm water drainage piping?

A8. The interior diameter of the storm water drainage pipes are to match the interior diameter of the existing storm water pipes as detailed on drawing MA-13.