

**ALTO MAIPO****OWNER'S INSTRUCTION**

Section 2.29

PHAM-PLN12-INS-0003

**Contract:**

AM-CO610/620B



AM-CO630/620A

SI 6340 / N°

0672

**Scope Segment Description:**

VL4

**Scope Segment ID:****Location:**

VL4 ch. - 1+637.1

**Time for Compliance:**

immediately

Contractor shall immediately proceed with the Work described below, in accordance with the terms and conditions of the Contract. This instruction is limited to maximum of 1000 UF or USD \$ 50,000., and without impact on the lump sums or schedule (except for Equivalent Times in the BOQ).

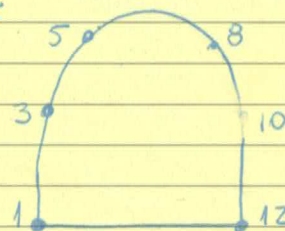
**Instruction:**

1.- Perform probeholes,  $L = 27m \pm$  at the locations shown in the sketch below with the following orientation and inclination:

a) hole 1+12 : look-out =  $10^\circ$  ; inclination =  $-10^\circ$

b) hole 3+10 : look-out =  $10^\circ$  ; inclination =  $0^\circ$

c) hole 5+8 : look-out =  $0^\circ$  ; inclination =  $10^\circ$



2.- The exact position of the probeholes shall be such that they can be incorporated into a future grout curtain.

3.- The probeholes shall generally not be drilled with standpipes unless specifically instructed by the OE's field personnel, if standpipes are directed by the OE field personnel refer to SI-0668, date 06-05-16, for details, if the Contractor prefers the use of standpipes he may do so on his own volition.

4.- The following tripper limits apply for pre-grouting

a) min 2.5 4/s from any hole

b) min 3.5 4/s from all holes combined

5.- Following recording of the hydrostatic pressure and water discharge, the packer in the probehole shall be closed.

Owner estimate of impact is: Per Units in BOQ ☒ ; or cost

; &amp;/or Time

If Contractor believes that this instruction constitutes a Change, Contractor shall promptly provide Notice according to Section 11 of the Contract.

Contractor comments (if any):

standpipes have been drilled and installed to prevent in case the water/bw is high.

Subjected to comment.

**Issued by**

Name:

R. Mario Ruiz

Sign:

Designation:

Jub. Geologist

Date:

18/05/16

Time:

02:10

**Received by Contractor**

Name:

Rosa Gonzalez

Sign:

Designation:

Geologist

Date:

13/05/2016

Time:

2:10

(copy 1): OE