


ALTO MAIPO	OWNER'S INSTRUCTION	
	Section 2.29 PHAM-PLN12-INS-0003	

Contract: <input type="checkbox"/> AM-CO610/620B <input checked="" type="checkbox"/> AM-CO630/620A	SI 6332 / No 0516
Scope Segment Description: TUNNEL FROM VLS TO TCS	Scope Segment ID: 3.9
Location: 04 022,6 CONTROL HOLES Time for Compliance: BEFORE NEXT ROUND	

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: CONTROL HOLES AFTER FIRST GROUT ROUND.

THE CONSTRUCTOR IS INSTRUCTED TO DRILL CONTROL HOLES AS INDICATED AS INDICATED IN THE FOLLOWING AND IN THE SKETCH ATTACHED.

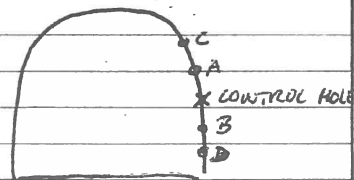
- DRILL HOLES 1 TO 4.

- IF THE TOTAL WATER FLOW FROM THESE 4 HOLES IS < 30 L/MIN. THEN GROUT THESE HOLES AND CONTINUE EXCAVATION.

- IF THE TOTAL WATER FLOW FROM THESE FOUR HOLES IS > 30 L/MIN. THEN THE AREAS AROUND THESE 4 HOLES SHALL BE GROUTED AS DESCRIBED BELOW; GROUT CONTROL HOLES AND DRILL 2 HOLES (A+B) ON EACH SIDE OF HOLES 1-4.

- IF WATER FLOW OUT OF THESE 2 HOLES IS < 10 L/MIN. GROUT AND CONTINUE WITH THE NEXT CONTROL HOLE THE SAME WAY.

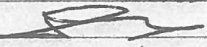
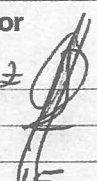
- IF THE WATER FLOW OUT OF THESE 2 HOLES IS > 10 L/MIN. GROUT AND DRILL ANOTHER 2 HOLES (C+D) NEXT TO THE RECENTLY GROUTED ONES MOVING FURTHER AWAY FROM THE INITIAL CONTROL HOLE. SEE SKETCH BELOW:



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

Issued by	Received by Contractor
Name: Ricardo Ruiz	Name: Rosa González
Sign: 	Sign: 
Designation: ING. GEOLOGIST	Designation: GEOLOGIST
Date: 01/11/15 Time: 05:15	Date: 11/11/2015 Time: 05:15

(original): Contractor

Imp.San Pedro - F: 2 2536 6685 - (4077)