Cable Alignment Record (Only passive detection is completed and active detection has not been carried out)

CP Signature : _____

Name: John CHAN

Approval No.: CP000000

Date: 18/9/2017

A Consultant

Directly Employed by: Limited

Record No.: 266366EMSD
To: Foreman (Post) of B Company Limited (Name of site contractor or other working party)
Part A - Basic Information
I John CHAN the Competent Person of underground electricity cable detection
Approval No.: <u>CP000000</u> expiry date: <u>1/12/2017</u>
in accordance with Electricity Supply Lines (Protection) Regulation,
from 2017 year 9 month 18 day 10 hour 0 minute
to <u>2017</u> year <u>9</u> month <u>18</u> day <u>12</u> hour <u>0</u> minute
at Opposite to Carpark of Tai Wai Street, Tai Po, N.T. undertook underground cable detection (passive detection only) and marked the cable alignment and depth on site.
Part B - Equipment used during underground cable detection
Receiver Brand name: C Serial No.: 456123
Calibration record Model No.: 123 (Date) 15/8/2017
Part C - Matters requiring particular attention Underground cable detection is not completed yet, working party is required to arrange Competent Person to conduct active cable detection before commcement of work.
For example: major discrepancies between cable detection results and the electricity supplier's cable plans/ cable is found to be in shallow depth and has discussed the issue with the electricity supplier on and the result is as follow:
The above mentioned underground cable detection was carried out with the assistance of Peter MA and he/ she was directly supervisied by me in the course of the detection.
CP signature: Date: Date:
CP assistant signature: Date: 18/9/2017 Name: (Peter MA)

<u>Pa</u>	rt D - Attachments	
1	Work Procedure	(Total 1 sheet)
2	Measurement record	(Total 1 sheet)
3	Cable Alignmnet Layout Plan of Underground Cables Detected by Passive Detection	(Total 1 sheet)
4	Photos showing proposed trial hole locations and site markings for cable alignment and depth	(Total 4 nos.)
5	Electricity supplier's advice, such as advice sought from the electricity supplier upon detecting major deviations of cable alignment on site from electricity supplier's cable plans (if any)	(Total 0 sheet)
6	Electricity supplier's cable plans	(Total 1 nos.)
7	Site briefing	(Total 1 sheet)
8	Others:	(Total 0 sheet)

Cable Alignment Record Work Procedure

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Working Place :	Opposite to Tai Wai Street Carpark, Tai Po, N.T.		
Nature of Work:	Trench work		
Date / Time	Cable Detection Work Procedure		Relevant Photo No.
18/9/2017 at 10:30	Having obtained the location plan of the construction and the corresponding underground cable plan, particles in the construction of the construct		
	detection was being planned to carry out.		
	Passive detection was carried out.		Photo 1 and Photo 2
18/9/2017 at 12:00	Marked the cable alignment		Photo 3 and photo 4

Cable Alignment Record Measurement Record

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Record No. :	266366EMSE)			-	Page	4
Cable No. Cable Quantity:				no. 1 no.	control signa _380/220V _11kV _22kV	no.	
Cable		ce from point (A)*	Distand reference	ce from point (B)*		m ground el*	Remarks
detection point	Actual (m)	Ratio 1:300	Actual (m)	Ratio 1:300	Passive detection^ (mm)		(Cable information)
P1	10.8	36.0	1.8	6.0	800		1 no 11kV Underground cable
P2	9.0	30.0	3.6	12.0	750		1 no 11kV Underground cable
Р3	7.2	24.0	5.4	18.0	800		1 no 11kV Underground cable
P4	4.2	14.0	8.4	28.0	750		1 no 11kV Underground cable
-							
* Doviction :-	Jose than O	F0/					
* Deviation is	iess man Z	J /0					

^ depth measurement from passive detection is not accurate and the figure is for reference only

<u>Cable Alignment Record</u> Layout Plan of Underground Cables

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Ref. pt B P1 P2 P3 P4 Proposed trial hole P=場 Scale 1:300	5.94
Legend: (For reference only) X: Measurement Point D: Cable Depth (mm): Cable Alignment A: Reference Point A B: Reference Point B	D X

Remarks: The cable layout plan should include all the relevant details to clearly indicate the cable location such as site area, cable alignment, reference point, sequence number of detection points, cable depth, cable quantity, cable voltage level, proposed trial hole location, kerb, building line, manhole, etc.

Ratio 1:300

<u>Cable Alignment Record</u> <u>Photos for Passive Detection</u>

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Photo 1 Passive detection was carried out



Photo 2 Cable detection area



Photo 3 Marked the cable alignment



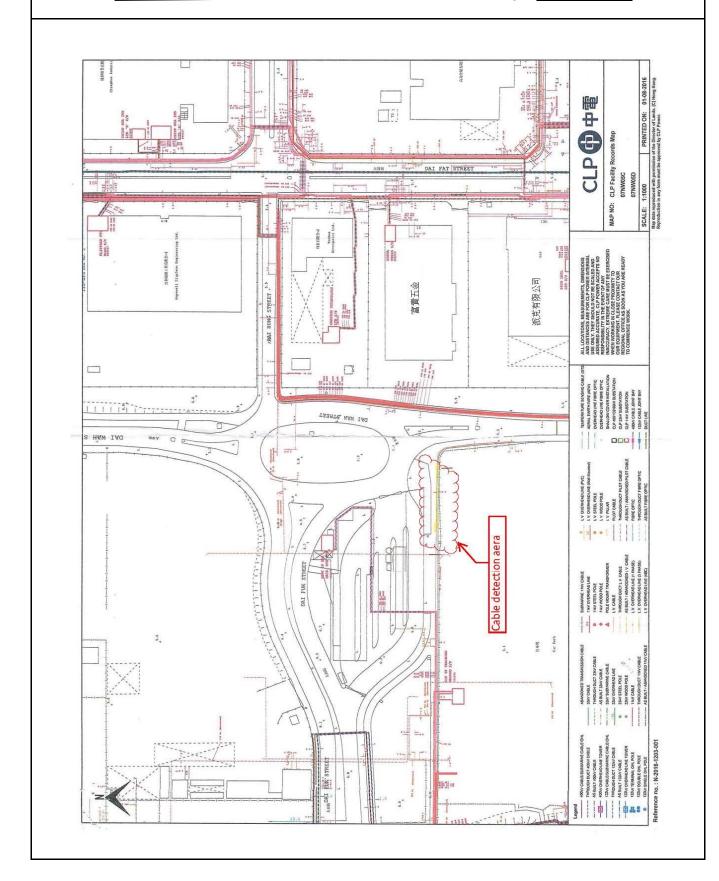
Photo 4 Marked the cable alignment



Cable Alignment	Record
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Electricity supplier's advice, such as advice sought from the deviations of cable alignment on site from electricity supplies	
The working party has requested cable plans from the electreceived the cable plans from the electricity supplier on 20	

Cable Alignment Reord Cable Layout Plan of Electricity Supplier

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Site I	Briefing								
excava	briefed the content ator/machine and w n(s) and the number	orkers	engaged in the e	хса	vation work, in p	articular	the propose	ed trial hole	of
			4	7	S				
1	Signature :	_	J				Date :	18/9/2017	
	Name/ Post :	(Jasper POON	/	Site agent)			
2	Signature :	_	Hs.	0	statust		Date :	18/9/2017	
	Name/ Post :	(Kenneth MAK	/	Foreman)			
3	Signature :	_					Date :		
	Name/ Post :	(/)			
4	Signature :	_					Date :		
	Name/ Post :	(/)			