

BLOCK PLAN N.T.S.

- 30. THE NEW CONCRETE PLINTH SHOULD BE GRADE 30D/20.
- 31. BEFORE PROPRIETARY ANCHOR BOLTS TO BE INSTALLED AT FRESHLY CASTED CONCRETE PLINTH, THE CONTRACTOR SHOULD BE VERIFIED THE STRENGTH OF CONCRETE IS NOT LESS THAN 30MPa. SAMPLING OF CONCRETE AND COMPRESSION 25. POWER SUPPLY SHOULD BE 2x60A SINGLE PHASE METER. TESTING OF CONCRETE TEST CUBES SHOULD BE CARRIED OUT
 IN ACCORDANCE WITH THE METHODS SPECIFIED IN CS1:2010.

 TESTING SHOULD BE CARRIED OUT BY A LABORATORY

 26. NAME PLATE SHOULD BE PROVIDED ON ALL
 PROPOSED EQUIPMENT CABINET, COAXIAL CABLES,
 CONDUITS AND FACILITIES FOR EASY IDENTIFICATION. ACCREDITED UNDER THE HOKLAS.
- 32. ALL PROPOSED ANCHOR BOLTS TO BE USED SHALL BE TESTED, SAMPLING RATE SHOULD BE AT LEAST 1% OR 5 NUMBERS, WHICHEVER IS MORE, OF EACH TYPE AND SIZE OF THE ANCHORS USED. EACH REPRESENTATIVE ANCHOR SHOULD BE TEST FOR TENSILE LOAD BY PULL OUT TEST AS APPROPRIATE TO DEMONSTRATE THAT ITS LOAD CARRYING CAPACITY IS NOT LESS THAN 1.5 TIMES THE RECOMMENDED LOAD AS SPECIFIED BY THE ANCHOR MANUFACTURER AND TO CLAUSE 15.31 OF THE GENERAL SPECIFICATION OF BUILDING 2022.
- 33. NON-DESTRUCTIVE TESTS SHOULD BE CARRIED OUT FOR WELDING COMPLIED WITH CLAUSE 15.58 AND TABLE 15.6 OF THE GENERAL SPECIFICATION OF BUILDING 2022.
- 34. ALL STRUCTURAL STEEL SHALL BE ACCOMPANIED WITH MILL CERTIFICATE THAT CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES APPROPRIATE TO THE CLASS AND GRADE AND PRODUCED FROM A MANUFACTURER WITH AN ACCEPTABLE QUALITY ASSURANCE SYSTEM.

- 23. ADEQUATE EARTHING PROTECTION SHALL BE PROVIDED.
- 24. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT COP, IEE AND POWER COMPANY REGULATION.

- 27. THE EXTERNAL OUTLOOK OF THE ADDITIONAL WORKS SHALL MATCH WITH THE COLOUR SCHEME OF THE PARENT BUILDING.
- 28. BEFORE THE DRILLING OPENING, SHALL BE USED A COVER METER TO LOCATE THE EXISTING REINFORCEMENT AND AVOID DAMAGING OF EXISTING
- 29. ALL EXISTING FIRE SERVICES EQUIPMENT OR INSTALLATION

- 14. ADDITIONAL PLASTIC SHEET WASHER SHOULD BE PROVIDE BETWEEN S.S. BOLT & GMS STEEL.
- 15. ALL PLASTER TO BE 25mm THICK CEMENT: SAND = 1 : 3.

BEFORE INSTALLING.

- 16. ALL METAL SURFACE SHALL BE CLEANED THOROUGHLY TO REMOVE ALL DIRT, WELD SPLATTER, GREASE AND THE LIKE. CHIP, SCRAPE AND WIRE—BRUSH TO REMOVE LOOSE SCALE UNTIL BACK TO CLEAN METAL. REMOVE
- SURFACE FILE OF MILL AND BRUSH WITH DETERGENTS. 17, CHIP OFF THE PLASTER FROM THE FACE OF THE R.C. MEMBERS TO BE IN CONTACT WITH THE STEEL MEMBERS
- CABLE PASSING THROUGH OPENING OF WALL OR FLOOR SLAB SHALL BE RUN INSIDE G.I. PIPE SLEEVE.
- 19. THE VOID BETWEEN OF CABLE WITH SLEEVE SHALL BE CHOKED WITH HILTI CP601S AND COMPLY WITH CODE OF PRACTICE FOR FIRE SAFETY IN BUILDING 2011 CLAUSE C8.2 TO C8.5.
- ALL WELDING TO BE 5mm FILLET WELD ALL ROUND UNLESS OTHERWISE STATED.
- 21. ROUTING SHOULD BE ADJUSTED ON SITE TO AVOID CROSSING ON EXISTING SERVICE DUCTS. ALL CONDUIT
- 22. ALL OPENING ON EXISTING STRUCTURE SHOULD BE FORMED BY LIGHT HAND TOOLS, NO CORE DRILLING SHOULD BE USED TO PREVENT DAMAGE TO EXISTING REINFORCEMENT.

- GENERAL NOTES:
- 1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING S2984-2 TO S2984-10.
- 2. ALL DIMENSIONS SHOWN ARE IN mm.
- 3. EXACT DIMENSIONS TO BE VERIFIED ON SITE.
- 4. ALL NEW STRUCTURAL STEEL WORK CHECKING COMPLY WITH THE CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
- 5. ALL WORKS SHALL COMPLY WITH GENERAL SPECIFICATION FOR BUILDING 2022.
- 6. ALL STRUCTURAL STEEL SHALL BE CLASS 1 OF GRADE S275JO MINIMUM TO BS EN 10025 PART 1-6: 2004 STANDARD OR EQUIVALENT COMPLY WITH THE RELEVANT REFERENCE MATERIAL STANDARDS IN ANNEX A1.1 OF THE CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
- 7. ALL HOT FINISHED STRUCTURAL HOLLOW SECTIONS SHOULD COMPLY WITH BS EN 10210 PART 1:2006
- 8. ALL STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED TO A COATING OF 85 MICRONS THICK AND TWO COATS OF ZINC RICH PRIMER SHALL BE APPLIED AFTER WELDING CONNECTION TO BS EN ISO 1461: 2009.
- ALL STAINLESS STEEL BOLT/STUD/NUT TO BE GRADE A4-70 COMPLY WITH BS EN ISO 3506 PART 1 & 2: 2009 (Psb=280N/mm², Ptb=450N/mm².)
- 10. ALL WELDING SHALL BE IN ACCORDANCE WITH REQUIREMENT AS PER BS EN 1011 PART 1:2009 & PART 2:2001 (MIN. STRENGTH=220N/mm2.)
- 11. THE DESIGN AND CONSTRUCTION OF THE PROPOSED WORK SHALL COMPLY WITH THE BUILDINGS ORDINANCE, BUILDING REGULATIONS AND FIRE SAFETY IN BUILDINGS 2011.
- 12. ALL HILTI ANCHOR BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION.
- 13. UNLESS OTHERWISE STATED, ALL ANCHOR BOLTS ARE HILTI TYPE AS SPECIFIED BELOW: HST3-R-M12-70

MIN. EMBEDMENT LENGTH - 12mm DIAMETER ANCHOR - ANCHOR TYPE

DESCRIPTION DATE BY CHK'D APP 創域工程有限公司 JEG Engineering Co. Ltd.

1/F. Blk E. Cheona Fat Factory Blda., 346 Fuk Wing St., Cheuna Sha Wan, Kin, TEL: 2117 9500 FAX: 3103 8077 E-MAIL: jeg@jeg-ltd.com



CHINA MOBILE HONG KONG COMPANY LIMITED

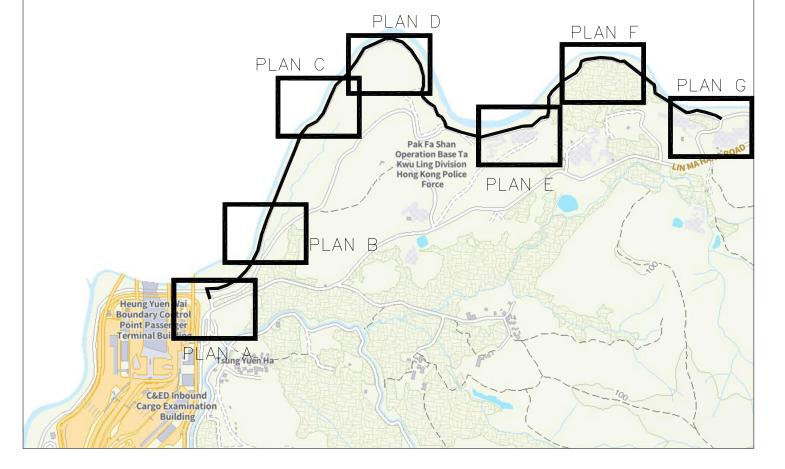
PROJECT

BTS SITE GATE 42, GATE 48 & GATE 53A. LIN MA HANG ROAD, WANG LEK, N.T. (SITE CODE: 9306 & 9307)

DRAWING TITLE : DETAILS OF TRANSMISSION EQUIPMENT FIXING

SCALE AT A1 DESIGNED DRAWN CHECKED F. WONG SHEN G.C. AS SHOWN APPROVED DATE E. WONG 5 JUN., 2022 PROJECT No. DRAWING No. REV. J8001 S2984-

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EQUIPMENT SCHEDULE EQUIPMENT UNIT NO. E2 E3 1 NO. S.S. CABINET, 2 NOS. DEU04 & 1 NO. RRU 1 NO. S.S. CABINET, 1 NOS. RRU & 1 NO. OPM40 1 NO. S.S. CABINET. 2 NOS. DEU04 & 1 NO. RRU EQUIPMENT TYPE ①600(W)x450(D)x10000(L)mm=2.7m3 ANCHOR SCHEDULE RECOMMENDED LOAD,S TEST LOAD,S x 1.5 EFFECTIVE ANCHORAGE DEPTH (mm) MIN. BASE MATERIAL THINKNESS (mm) MIN EDGE SPACING (mm) DISTANCE (mm) BD REF ANCHOR TYPE 2600(W)x450(D)x10000(L)mm=2.7m3 TENSION (kN) TENSION (kN) HST3-R-M8-47 2.8 100 35 40 BD-AF 151 MARK SCHEDULE LEGEND BEAM MARK DESCRIPTION E1 PROPOSED EQUIPMENT UNIT E1 LOCATION C1 - C2 50x50x5mm THK, X PROPOSED 1-5/8 LEAKY CABLE C3 70x70x6mm THK. ∡ B1 - B2 60x60x5mm THK. RHS PROPOSED Ø50mm(MAX.) G.I. CONDUIT FOR POWER CABLE PROPOSED Ø50mm(MAX.) G.I. CONDUIT FOR TELEPHONE WIRE PHOTO MARK (PHOTO REFER TO REPORT FOR INFORMATION ONLY) (1)> 3600(W)x450(D)x5000(L)mm=1.35m3 -PROPOSED FIBER CABLE & LEAKY CABLE MOUNTED ON UNDERGROUND -PROPOSED FIBER CABLE & LEAKY CABLE WITH CABLE TRAY MOUNTED 2 600(W)x450(D)x10000(L)mm=2.7m3 ON CONCRETE PLINTH LAID ON FLOOR FROM PLAN A TO PLAN B - ① 600(W)x450(D)x10000(L)mm=2.7m3 CABLE WITH CABLE TRAY MOUNTED ON CONCRETE PLINTH LAID ON FLOOR LIN MA HANG ROAD PROPOSED FIBER CABLE & LEAKY CABLE MOUNTED ON UNDERGROUND THROUGH GATE 53 -3600(W)x450(D)x5000(L)mm=1.35m MA HANG ROA PLAN A1 -THROUGH GATE 53A PROPOSED POWER & FIBER CABLE WITH CABLE TRAY MOUNTED ON CONCRETE PLINTH LAID ON FLOOR TS CLP POWER CABLE & FIBER CABLE TEL CABLE ROUTING Р

PLAN A

1:1200

3

C&ED Inbound

Private Car Examination Building

WIP Jan 2023

GENERAL NOTES:

- 1. THIS DRAWING SHOULD BE READ IN CONJUNTION WITH DRAWING NO. S2984-1 & S2984-3 TO S2984-10.
- 2. NOTES REFER TO DRAWING NO. S2984-1



DESCRIPTION

創域工程有限公司 JEG Engineering Co. Ltd.

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CHINA MOBILE HONG KONG COMPANY LIMITED

DATE BY CHK'D APP

PROJECT

BTS SITE GATE 42, GATE 48 & GATE 53A, LIN MA HANG ROAD, WANG LEK, N.T. (SITE CODE: 9306 & 9307)

DRAWING TITLE :

DETAILS OF TRANSMISSION EQUIPMENT FIXING

	SCALE AT A1 AS SHOWN	DESIGNED : E. WONG	DRAWN : CHECK SHEN G.(
		APPROVED : E. WONG	DATE: 5 JUN.,	2022	2
	PROJECT No.	DRAWING No. :			REV.
	J8001	S2984-	-2		-

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GENERAL NOTES: 1. THIS DRAWING SHOULD BE READ IN CONJUNTION WITH DRAWING NO. S2984-1, S2984-2 & S2984-4 TO S2984-10. 2. NOTES REFER TO DRAWING NO. S2984-1. PROPOSED FIBER CABLE & LEAKY CABLE WITH CABLE TRAY MOUNTED ON CONCRETE PLINTH LAID ON FLOOR FROM PLAN B TO PLAN C -PROPOSED FIBER CABLE & LEAKY CABLE WITH CABLE TRAY MOUNTED ON WALL AT MIDDLE LEVEL ♠600(W)x450(D)x10000(L)mm=2.7m PROPOSED FIBER CABLE & LEAKY CABLE MOUNTED ON UNDERGROUND THROUGH GATE 52D PLAN B1 PLAN B1 1: 200 DESCRIPTION DATE BY CHK'D APP 創域工程有限公司 JEG Engineering Co. Ltd. 1/F, Blk E, Cheong Fat Factory Bldg., 346 Fuk Wing St., Cheung Sha Wan, Kin. TEL: 2117 9500 FAX: 3103 8077 E-MAIL: jeg@jeg-ltd.com CHINA MOBILE HONG KONG 中國移動 China Mobile COMPANY LIMITED PROJECT : BTS SITE GATE 42, GATE 48 & GATE 53A, LIN MA HANG ROAD, WANG LEK, N.T. (SITE CODE: 9306 & 9307) DRAWING TITLE : DETAILS OF TRANSMISSION EQUIPMENT FIXING 墓地 SCALE AT A1 DESIGNED : DRAWN - PROPOSED FIBER CABLE & LEAKY CABLE WITH CABLE TRAY MOUNTED ON CONCRETE PLINTH LAID ON FLOOR FROM PLAN A TO PLAN B E. WONG SHEN AS SHOWN APPROVED : E. WONG 5 JUN., 2022 PROJECT No. DRAWING No. : PLAN B J8001 S2984 - 31:1200 THIS DRAWING & DESIGN ARE COPYRIGHT RESERVED, NO ONE MAY REPRODUCE WITHOUT THE WRITTEN PERMISSION OF THE JEG ENG. CO. LTD.

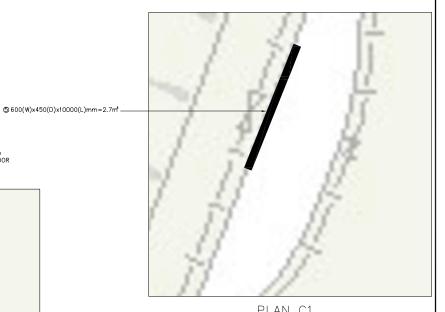
CHECKED :

REV.

G.C.

GENERAL NOTES:

- 1. THIS DRAWING SHOULD BE READ IN CONJUNTION WITH DRAWING NO. S2984-1 TO S2984-3 & S2984-5 TO S2984-10.
- 2, NOTES REFER TO DRAWING NO. S2984-1.



PLAN C1

1:200

DESCRIPTION DATE BY CHK'D APP 創域工程有限公司 JEG Engineering Co. Ltd.

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PROJECT :

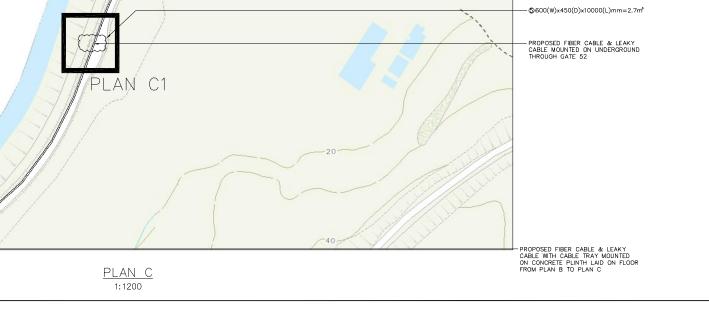
BTS SITE GATE 42, GATE 48 & GATE 53A, LIN MA HANG ROAD, WANG LEK, N.T.

(SITE CODE: 9306 & 9307)

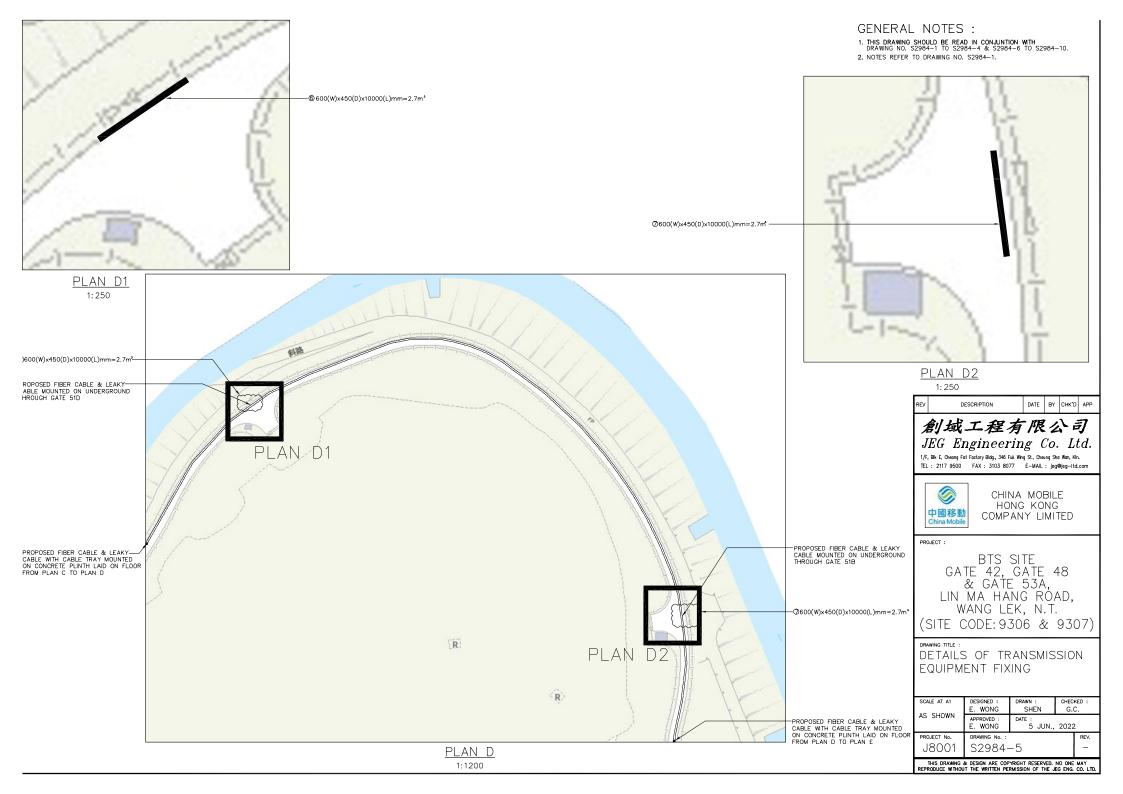
DRAWING TITLE : DETAILS OF TRANSMISSION EQUIPMENT FIXING

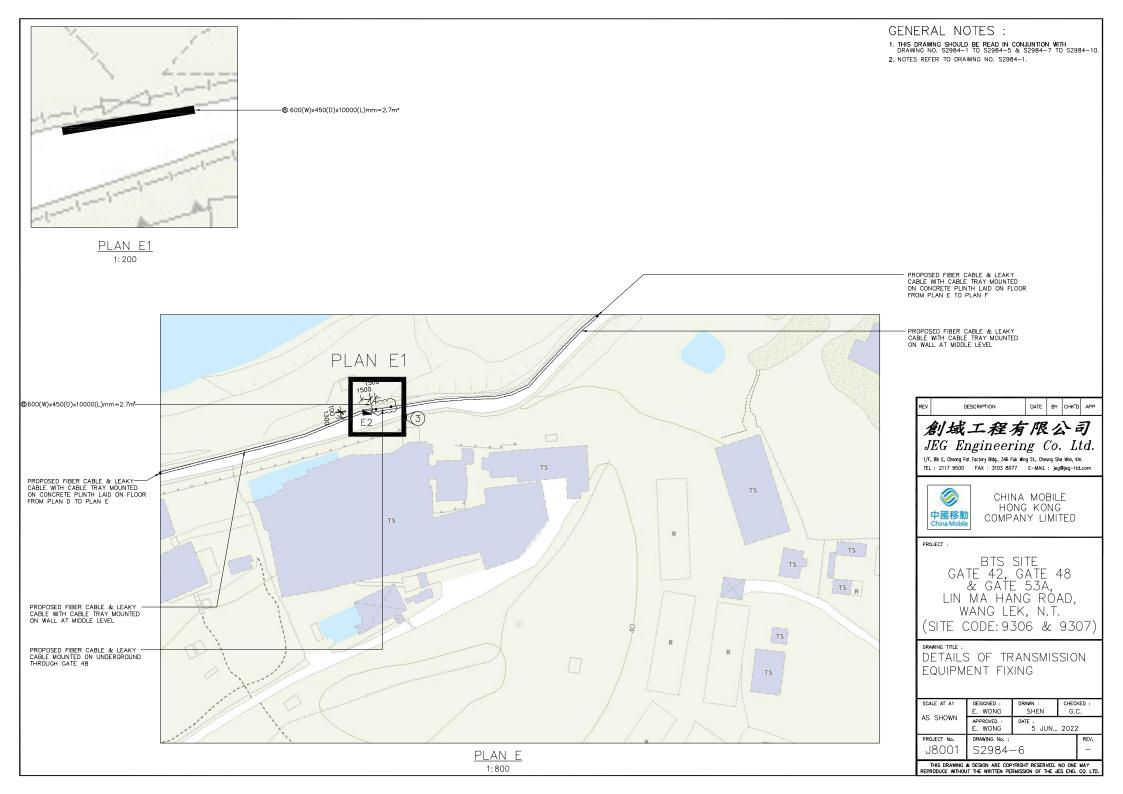
SCALE AT A1	DESIGNED : E. WONG			CKED :	
AS SHOWN	APPROVED : E. WONG	DATE: 5 JUN.,	2022	2	
PROJECT No.	DRAWING No. :			REV.	
J8001	S2984-	-4		-	

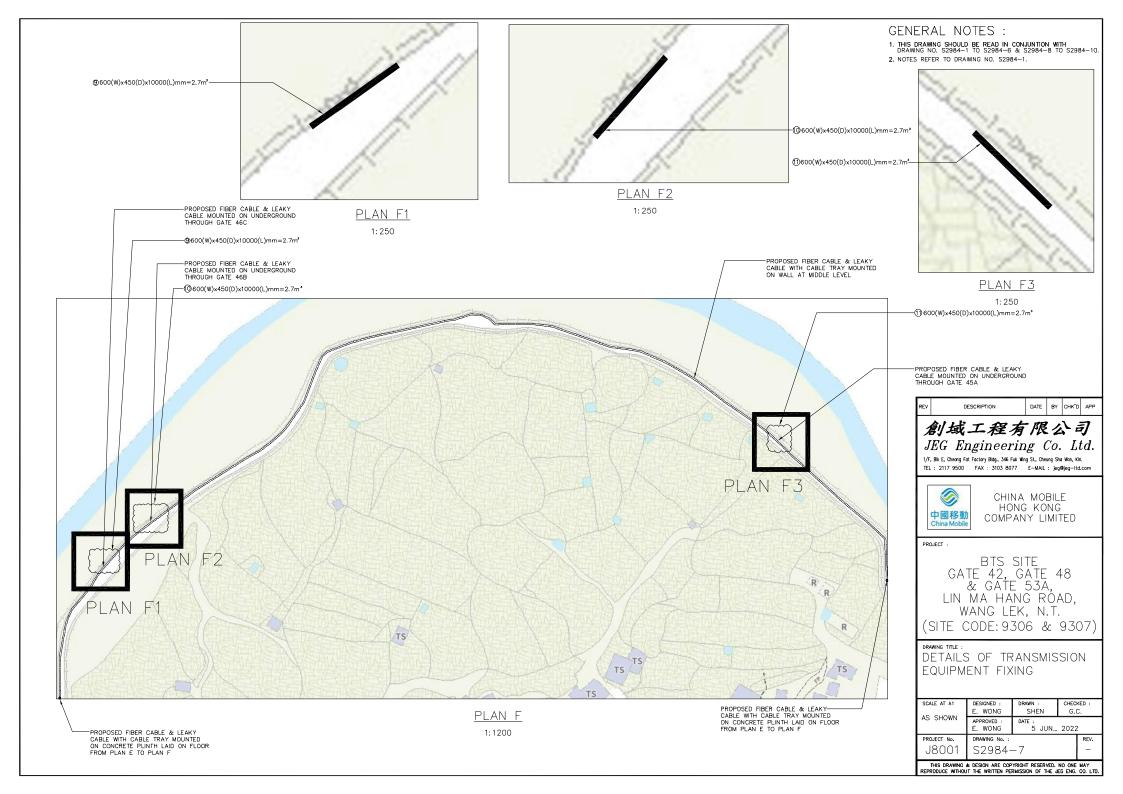
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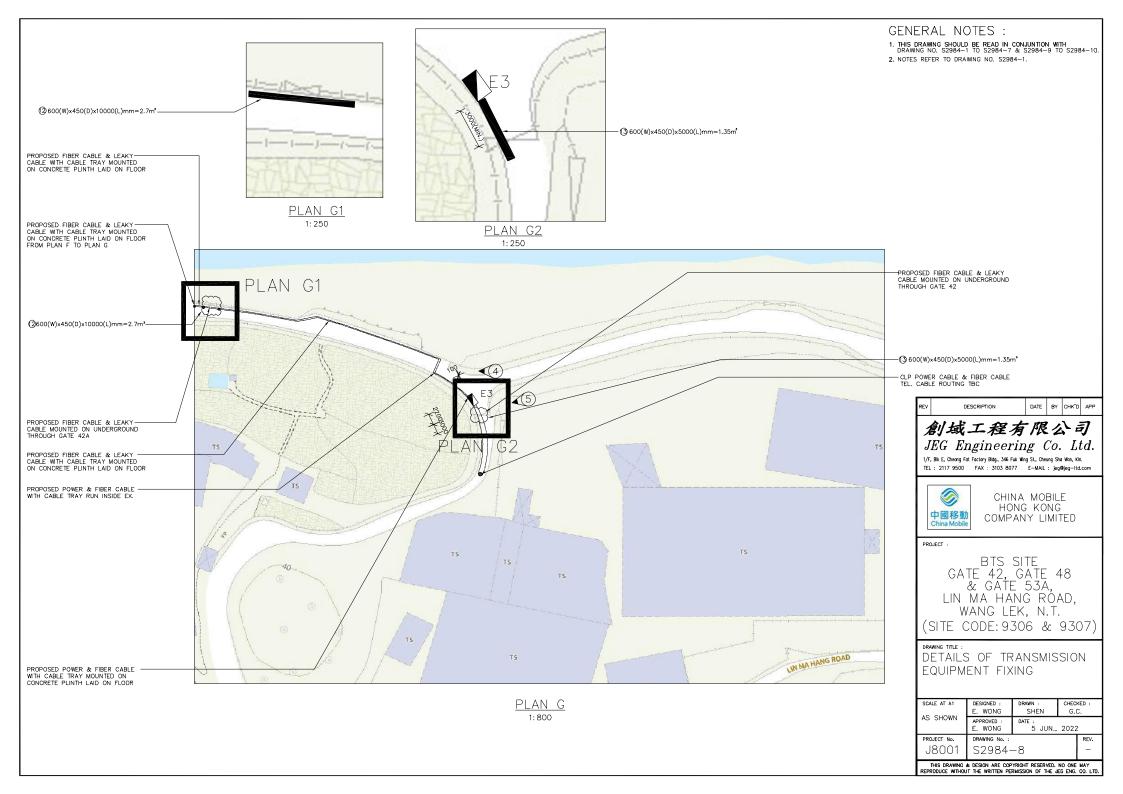


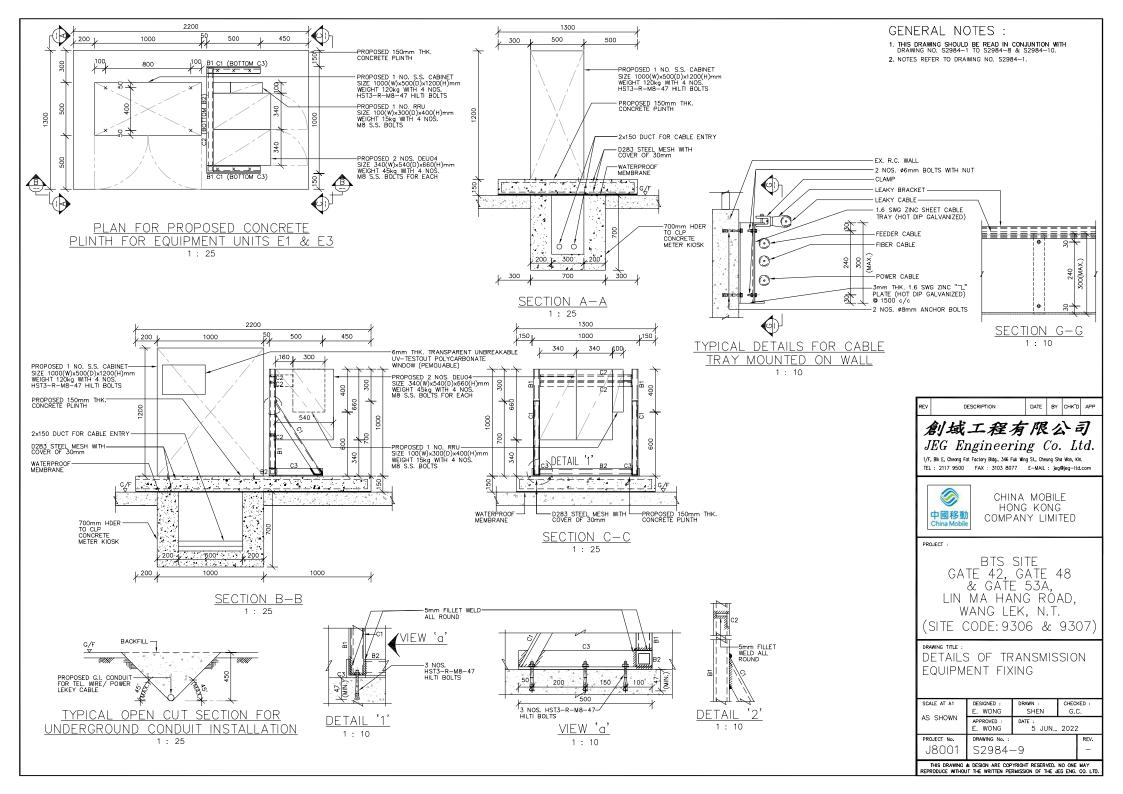
- PROPOSED FIBER CABLE & LEAKY CABLE WITH CABLE TRAY MOUNTED ON CONCRETE PLINTH LAID ON FLOOR FROM PLAN C TO PLAN D











1500 600 500 L150 1300 1500 -PROPOSED 150mm THK. CONCRETE PLINTH 400 500 400 150 լ 600 500 -PROPOSED 1 NO. S.S. CABINET SIZE 600(W)x500(D)x1000(H)mm WEIGHT 80kg WITH 4 NOS. HST3—R—M8—47 HILTI BOLTS -PROPOSED 1 NO. OPM40 SIZE 60(W)x300(D)x400(H)mm WEIGHT 7.5kg WTH 4 NOS. M8 S.S. BOLTS C2 (BOTTOM B2) --PROPOSED 1 NO. S.S. CABINET-SIZE 600(W)x500(D)x1000(H)mm WEIGHT 80kg WITH 4 NOS. HST3-R-M8-47 HILTI BOLTS -PROPOSED 1 NO. RRU SIZE 100(W)x300(D)x400(H)mm WEIGHT 15kg WITH 4 NOS. M8 S.S. BOLTS 200 -PROPOSED 1 NO. OPM40 SIZE 60(W)x300(D)x400(H)mm WEIGHT 7.5kg WITH 4 NOS. M8 S.S. BOLTS 500 10060 DETÀIL WATERPROOF MEMBRANE D283 STEEL MESH WITH COVER OF 30mm -PROPOSED 150mm THK. CONCRETE PLINTH WATERPROOF -D283 STEEL MESH WITH COVER OF 30mm PLAN FOR PROPOSED CONCRETE PLINTH FOR EQUIPMENT UNIT E2 SECTION D-D SECTION E-E 1: 25 1: 25 1:25 1300 400 500 400 L160 L 300

PROPOSED 1 NO. OPM40
SIZE 60(W)x300(D)x400(H)mm
WEIGHT 7.5kg WITH 4 NOS.
M8 S.S. BOLTS DETAIL '2' PROPOSED 1 NO. RRU SIZE 100(W)x300(D)x400(H)mm WEIGHT 15kg WITH 4 NOS. M8 S.S. BOLTS

WATERPROOF

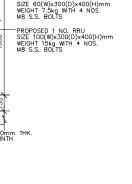
-D283 STEEL MESH WITH L COVER OF 30mm

SECTION F-F

1 : 25

GENERAL NOTES:

- 1. THIS DRAWING SHOULD BE READ IN CONJUNTION WITH DRAWING NO. S2984-1 TO S2984-9.
- 2, NOTES REFER TO DRAWING NO. S2984-1.



DESCRIPTION DATE BY CHK'D APP 創域工程有限公司 JEG Engineering Co. Ltd.

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BTS SITE GATE 42, GATE 48 & GATE 53A, LIN MA HANG ROAD, WANG LEK, N.T. (SITE CODE: 9306 & 9307)

DRAWING TITLE :

DETAILS OF TRANSMISSION EQUIPMENT FIXING

SCALE AT A1	DESIGNED : E. WONG	DRAWN: SHEN		HECKED : G.C.	
AS SHOWN	APPROVED : E. WONG	DATE: 5 JUN.,	2022	2	
PROJECT No.	DRAWING No. :			REV.	
J8001	S2984-10			-	

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	–2 NOS. Ø8mm STAINLESS STEEL ANCHOR BOLTS		
	- CLAMP	\	
	- LEAKY BRACKET		
	LEAK! CABLE		
		N.	S N
-` 1[-1.6 SWG ZINC SHEET CABLE TRAY		
300(MAX.)	(HOT DIP GALVANIZED) -FEEDER CABLE		300(MAX.)
	-FIBER CABLE		<u> </u>
" 0	-41x41X2.5mm THK. UNISTRUT-	- 1	Ē
OS WIND	-POWER CABLE	•	o line
1 1	-2 NOS. Ø8mm STAINLESS STEEL ANCHOR BOLTS		"3\ \
9			00 '
\ _\ \	-41x41X2.5mm THK. UNISTRUT-		
			4 - 4
1.50 1. 100. 1.50 n	-2 NOS. Ø8mm STAINLESS STEEL ANCHOR BOLTS	4.4	
			4.4.4.4
000			i i i
	-MASS CONCRETE CAST ON		in Autoria (Autoria)
FLOOR	3/1E @ 1300 c/c		
Z Z		300	FLOOR FLOOR
	-1mm THK. POLYTHENE SHEET-	300	
DETAILS FOR CABLE TR	AY MOUNTED	SECTION	
ON CONCRETE PLINTH LA	AID ON FLOOR	1 : 10	J
1:10			