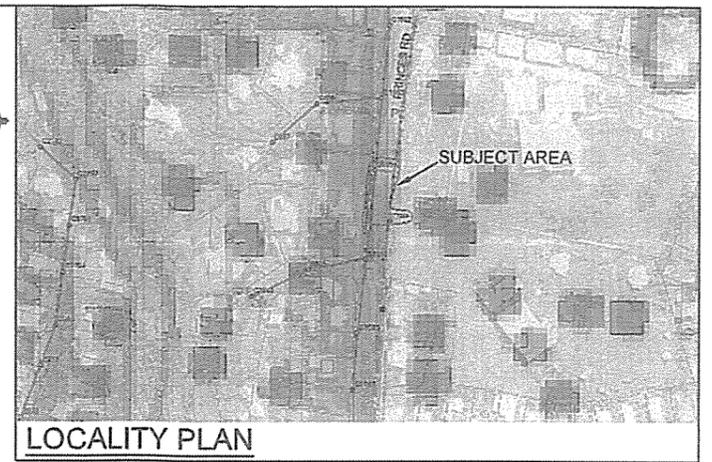
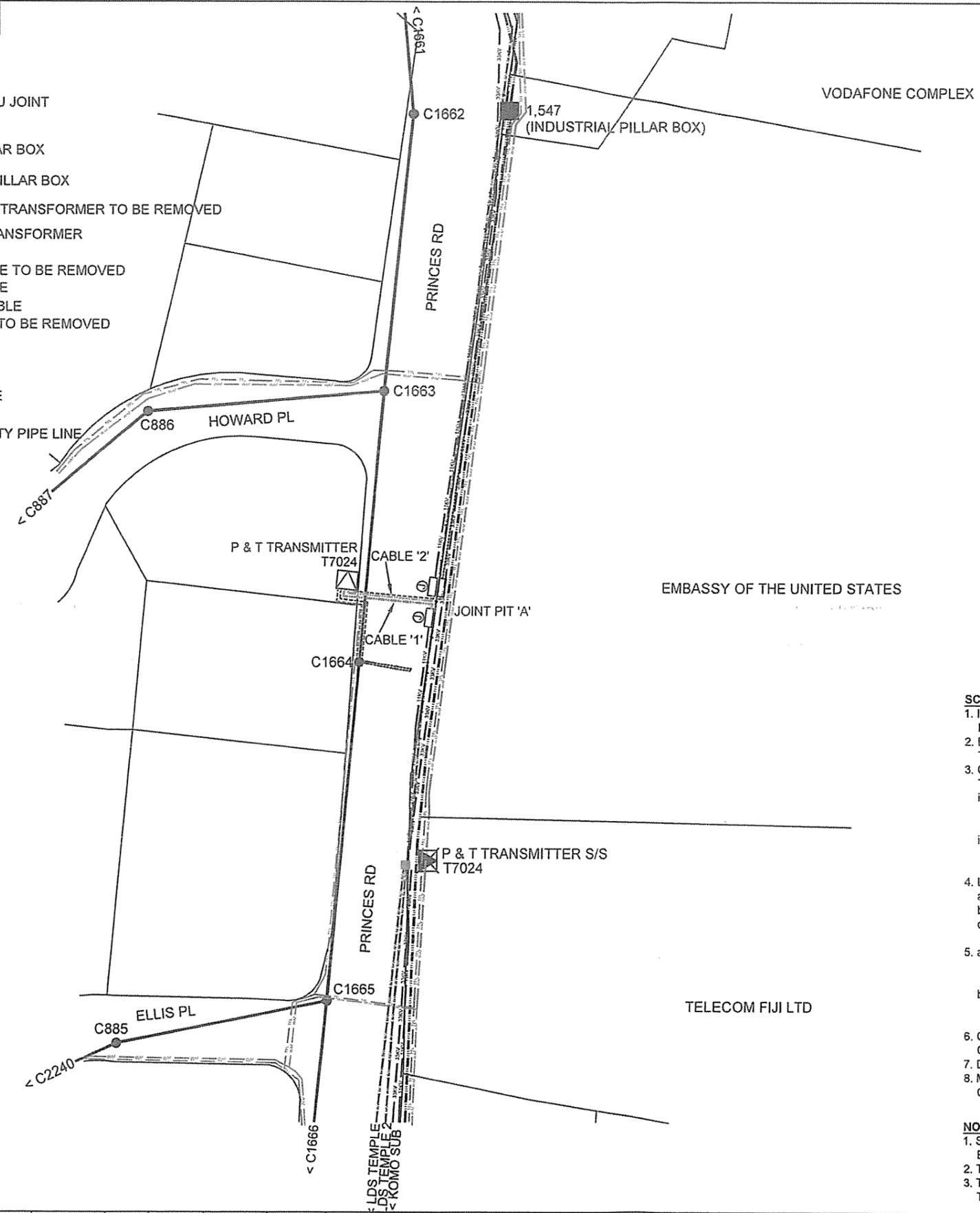


LEGEND

- LV POLE
- PROPOSED STRAIGHT THRU JOINT
- CABLE JOINT (6.6kV)
- EXISTING INDUSTRIAL PILLAR BOX
- PROPOSED COMMERCIAL PILLAR BOX
- ⊗ EXISTING GROUND MOUNT TRANSFORMER TO BE REMOVED
- ⊗ PROPOSED PADMOUNT TRANSFORMER
- EXISTING O/H CONDUCTOR
- EXISTING 0.415kV U/G CABLE TO BE REMOVED
- EXISTING 0.415kV U/G CABLE
- PROPOSED 0.415kV U/G CABLE
- EXISTING 6.6kV U/G CABLE TO BE REMOVED
- EXISTING 6.6kV U/G CABLE
- EXISTING 11kV U/G CABLE
- EXISTING 33kV U/G CABLE
- PROPOSED 11kV U/G CABLE
- FIBRE OPTIC U/G
- EXISTING WATER AUTHORITY PIPE LINE (INDICATIVE)
- EXISTING TELECOM LINE (INDICATIVE)



LOCALITY PLAN

SCOPE OF WORK:

1. INSTALL NEW 750kVA 11/0.415kV PADMOUNTED TRANSFORMER (NEW P & T TRANSMITTER PADMOUNTED TRANSFORMER) AT LOCATION INDICATED AS PER DESIGN.
2. DIG & LAY 2 x 240mm² 3C XLPE 11kV CABLES FROM NEW 750kVA 11/0.415kV PADMOUNTED TRANSFORMER TO JOINT PIT 'A'. RL = 20m
3. CUT EXISTING 11kV CABLES BETWEEN VOTUA RD S/S T7040 & VODAFONE S/S T7390 & MAKE JOINTS WITH NEW CABLES AS FOLLOWS AT JOINT PIT 'A'.
 - i. CABLE '1' - JOIN END OF FIRST CABLE (FROM 750kVA PADMOUNTED TRANSFORMER) WITH END OF EXISTING CABLE FROM VOTUA RD S/S T7040 & TERMINATE OTHER END TO 750kVA PADMOUNTED TRANSFORMER.
 - ii. CABLE '2' - JOIN END OF SECOND CABLE (FROM 750kVA PADMOUNTED TRANSFORMER) WITH END OF EXISTING CABLE FROM VODAFONE S/S T7390 & TERMINATE OTHER END TO 750kVA PADMOUNTED TRANSFORMER.
4. LABEL HV SWITCHES RESPECTIVELY AS PER CONNECTION AS FOLLOWS:
 - a. AT VOTUA RD S/S 'T7040', CHANGE S/M LABEL "VODAFONE" TO "P & T TRANSMITTER".
 - b. AT VODAFONE S/S 'T7390', CHANGE S/M LABEL "VOTUA RD" TO "P & T TRANSMITTER".
 - c. AT P & T TRANSMITTER PADMOUNT, LABEL S/M TO "VODAFONE" & "VOTUA RD" AS PER CONNECTION.
5. a. DIG & LAY 2 x 240mm² 4C Cu CABLE FROM NEW 750kVA 11kV PAD MOUNTED TRANSFORMER TO LV POLE 'C1664'. RL = 30m AND TERMINATE AT BOTH ENDS. DECOMMISSION & REMOVE EXISTING LV CABLES.
 - b. DIG & LAY 1 x 240mm² 4C Cu CABLE FROM NEW 750kVA PADMOUNT TRANSFORMER TO JOINT PIT 'A' & MAKE JOINT WITH EXISTING LV CABLE FROM INDUSTRIAL PILLAR BOX # 1,547. RL = 20m
6. COMMISSION NEW 750kVA 11/0.415kV PADMOUNTED TRANSFORMER ON 11kV HOME OF COMPASSION FEEDER.
7. DECOMMISSION & REMOVE EXISTING 6.6kV P & T TRANSMITTER KIOSK SUBSTATION.
8. MAKE JOINT ON EXISTING 6.6kV CABLES FOR CONTINUITY OF 6.6kV CIRCUIT & UPDATE LABELS ON AFFECTED 6.6kV S/S SWITCHGEAR.

NOTES:

1. SCHEME SR68.15B (UPGRADING OF 6.6kV KUNDAN SINGH S/S T7391 TO 11kV) SHOULD BE EXECUTED PRIOR TO THIS SCHEME SR68.15C.
2. TRENCHING & REINSTATEMENT ARE TO BE CARRIED OUT AS PER FRA REQUIREMENTS.
3. TELECOM FIJI LIMITED TO DIVERT THEIR SERVICEMAINS CABLE FROM EXISTING 6.6kV P & T TRANSMITTER S/S TO NEW 750kVA 11/0.415kV PADMOUNTED TRANSFORMER.

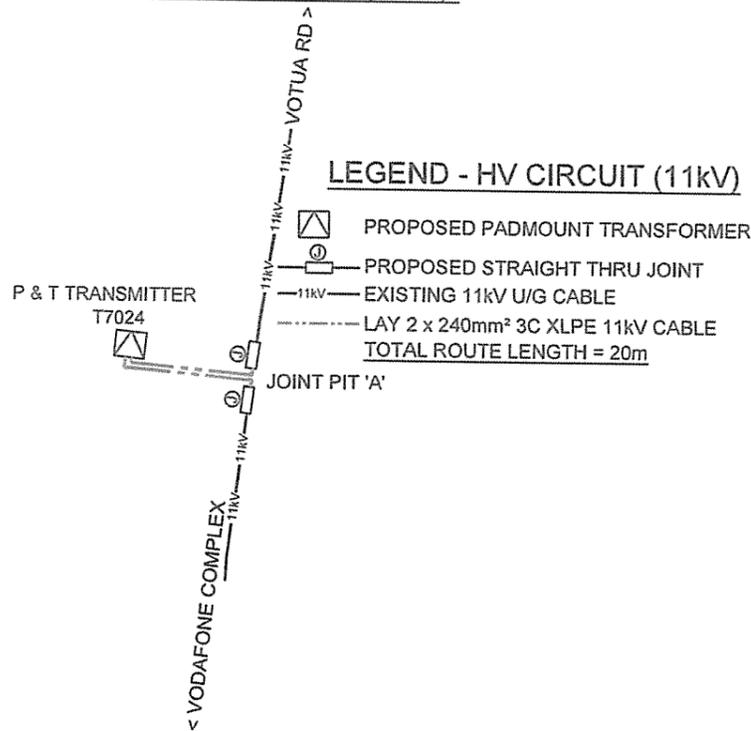
0	ORIGINAL ISSUE FOR SR68.15C	01.09.25	PS	RVP	RK		
No.	REVISION	DATE	BY	CHK	DEPT ENG	HOD	

DRAWN	PRIYA	01.09.25
CHECKED	P. Prasad	13.10.25
GIS COORDINATOR		
TEAM LEADER DESIGN & PLANNING		13.10.25
ENGINEER	Ranjan	21/10/25
HEAD OF DEPARTMENT		28.10.25

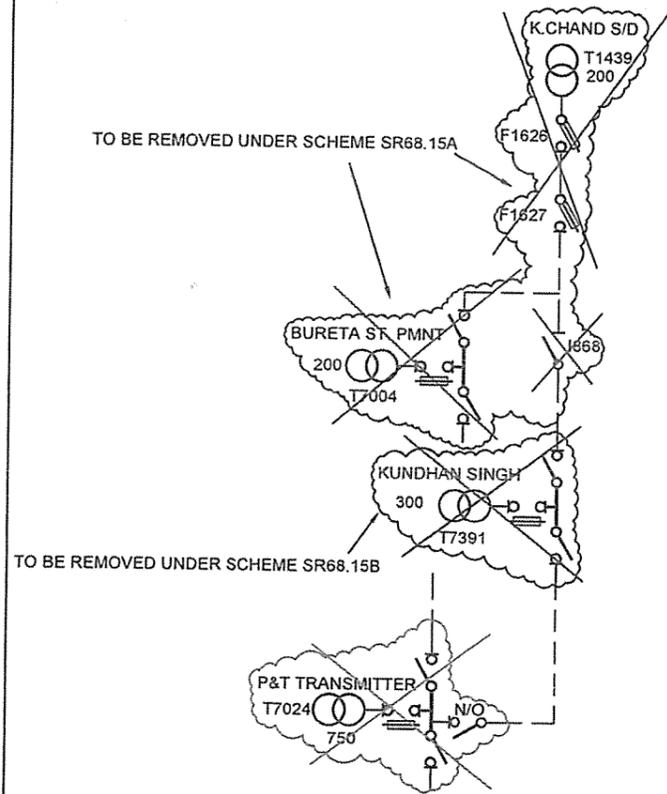
ENERGY FIJI LIMITED	SHEET 1 OF 3
UPGRADING OF 6.6kV TO 11kV GRID P & T TRANSMITTER S/S T7024, ON HOME OF COMPASSION FEEDER SUVA DISTRICT (SR68.15C)	DRAWING NUMBER
A3 09 N48 485	SCALE 1 : 1000



FINAL HV CIRCUIT (11kV)



FINAL SINGLE LINE DIAGRAM (6.6kV)
REF SLD NO. 05 N10 001



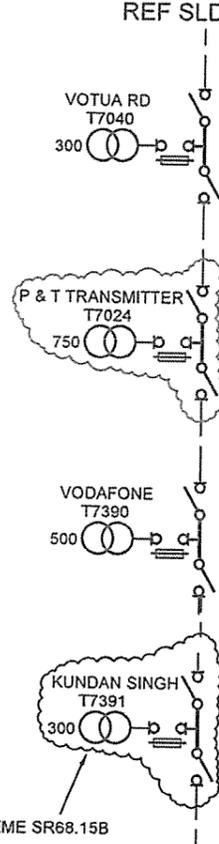
FINAL HV CIRCUIT (6.6kV)



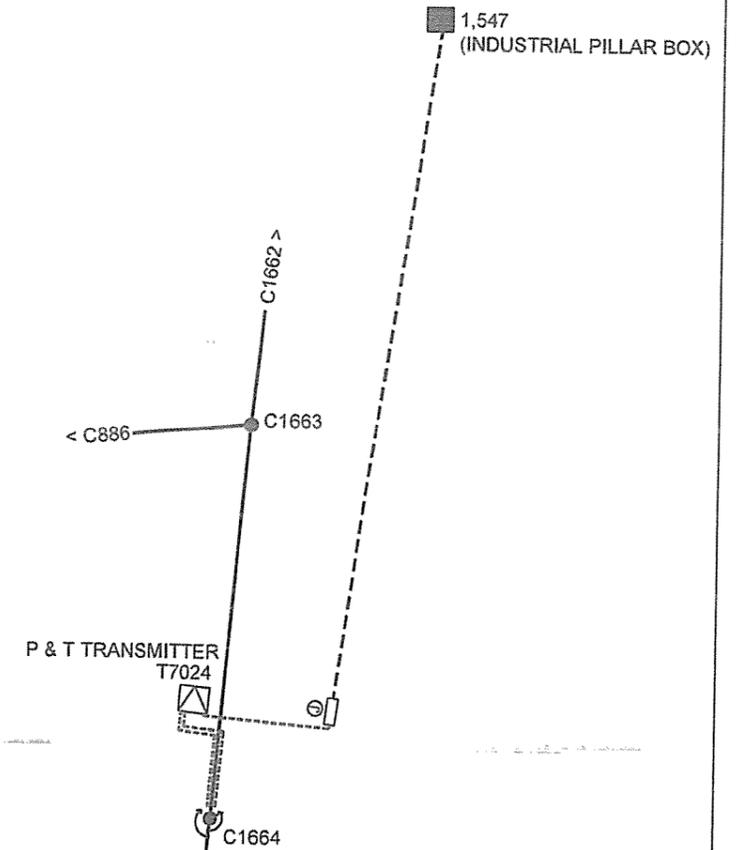
LEGEND - HV CIRCUIT (6.6kV)

- CABLE JOINT (6.6kV)
- EXISTING 6.6kV U/G CABLE

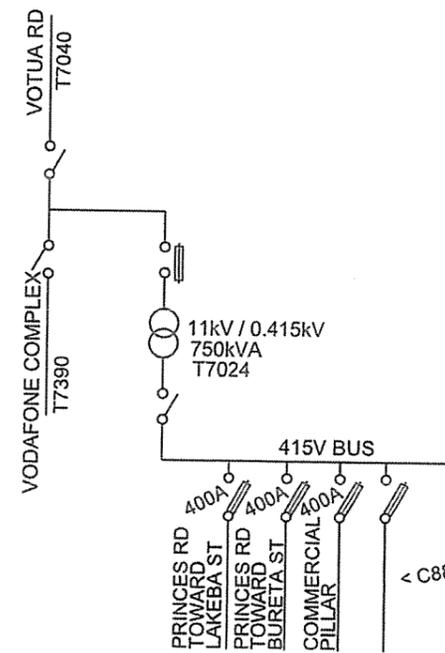
FINAL SINGLE LINE DIAGRAM (11kV)
REF SLD NO. 04 N10 019



FINAL LV CIRCUIT



LV DISTRIBUTION BOARD



LEGEND - LV CIRCUIT

- LV POLE
- ⊕ PROPOSED STRAIGHT THRU JOINT
- EXISTING INDUSTRIAL PILLAR BOX
- ⊠ PROPOSED PADMOUNT TRANSFORMER
- ⊙ O/H TERMINAL POLE WITH LV U/G CABLE
- EXISTING O/H CONDUCTOR
- - - EXISTING 0.415kV U/G CABLE
- · - · - PROPOSED 3 x 240mm² 4C Cu CABLE
- TOTAL ROUTE LENGTH = 80m

No.	REVISION	DATE	BY	CHK	DEPT	ENG	HOD
0	ORIGINAL ISSUE FOR SR68.15C	01.09.25	PS	RVP	RK		



DRAWN	PRIYA	01.09.25
CHECKED		13.10.25
GIS COORDINATOR		
TEAM LEADER DESIGN & PLANNING		13.10.25
ENGINEER		21.10.25
HEAD OF DEPARTMENT		25.10.25

ENERGY FIJI LIMITED

SHEET 2 OF 3

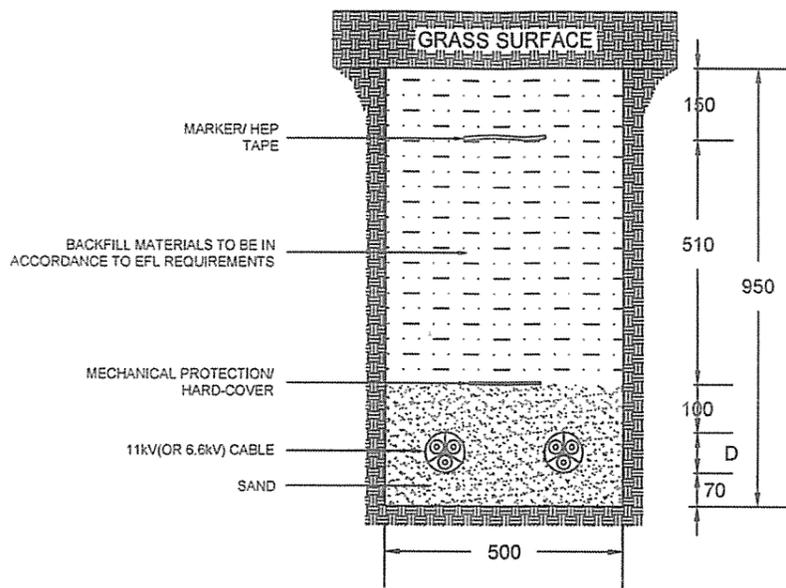
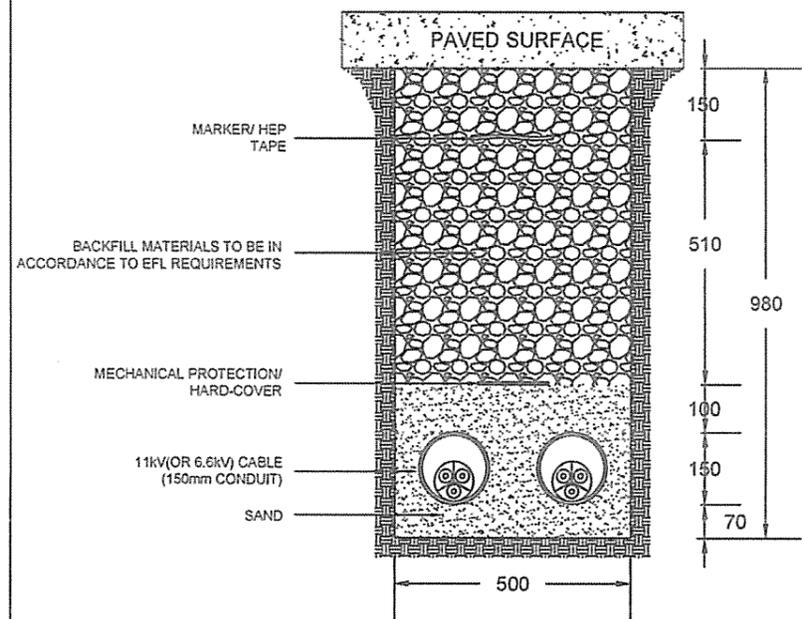
UPGRADING OF 6.6kV TO 11kV GRID P & T TRANSMITTER
S/S T7024, ON HOME OF COMPASSION FEEDER
SUVA DISTRICT (SR68.15C)

DRAWING NUMBER

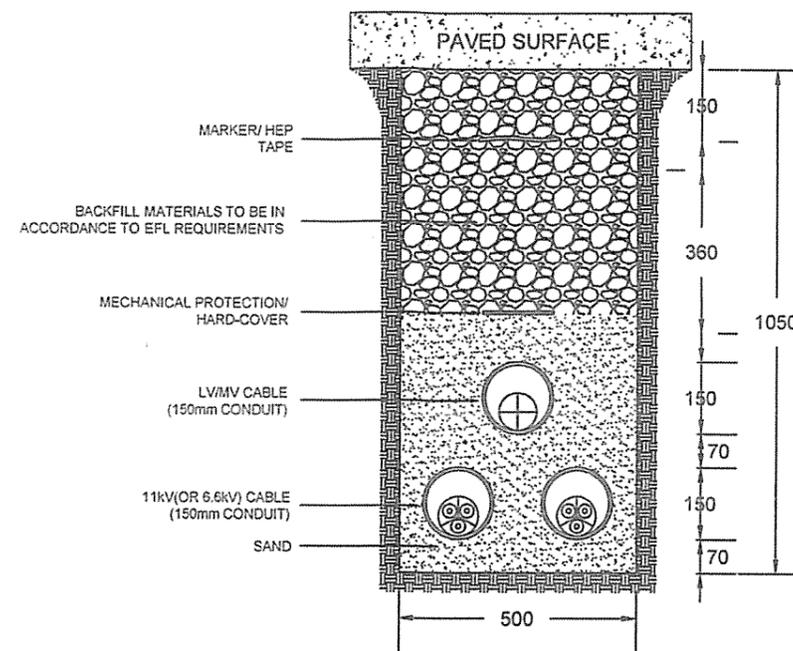
A3 09 N48 485

SCALE 1 : 250

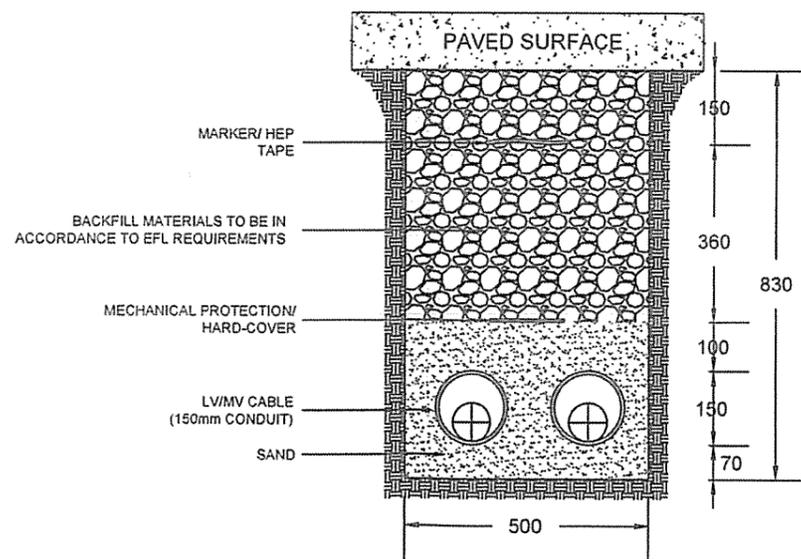
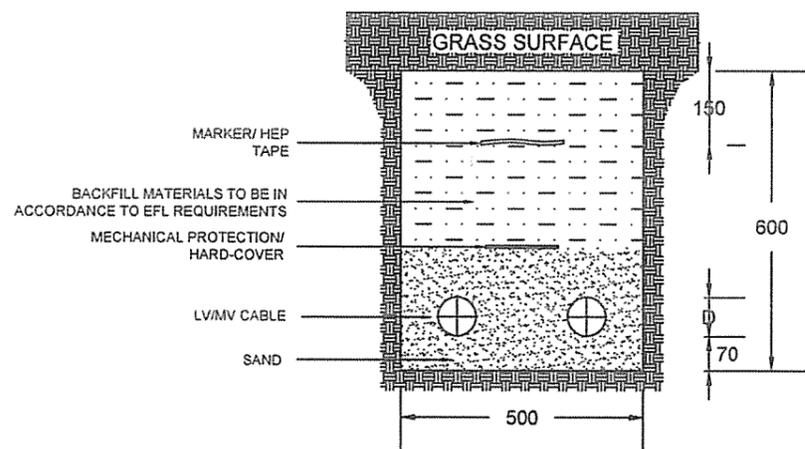
11kV TRENCH



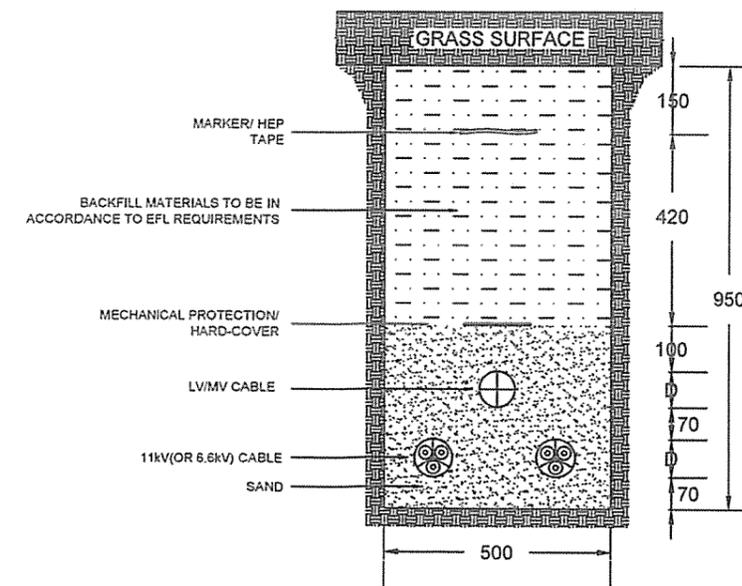
11kV + LV/MV TRENCH



LV/MV TRENCH



11kV + LV/MV TRENCH



No.	REVISION	DATE	BY	CHK	DEPT ENG	HOD
0	ORIGINAL ISSUE FOR SR68.15C	01.09.25	PS	RJP	RK	[Signature]



DRAWN	PRIYA	01.09.25
CHECKED	[Signature]	13.10.25
GIS COORDINATOR		
TEAM LEADER DESIGN & PLANNING	[Signature]	13.10.25
ENGINEER	[Signature]	21/10/25
HEAD OF DEPARTMENT	[Signature]	28.10.25

ENERGY FIJI LIMITED

UPGRADING OF 6.6kV TO 11kV GRID P & T TRANSMITTER
S/S T7024, ON HOME OF COMPASSION FEEDER
SUVA DISTRICT (SR68.15C)

DRAWING NUMBER			
A3	09	N48	485
SCALE 1 : 250			