Optical Fiber Network Project

Final Acceptance Test Report

(OSP & IBW Connectivity)

Initial Details

Project name	Dialog DE Connections
Phase	Phase IV
Site ID	CX033107
Site Name	INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD
Site Address	MAITHRIPALA SENANAYAKE MAWATHA, ANURADHAPURA
DAP Region	

Work Completion Details

JFS date	13.05.2026
OSP Completed Date	23.06.2026
IBW Completed Date	23.06.2026
Splicing & Test Completed Date	25.06.2026
Final Acceptance Completed Date (OSP)	07.08.2026
Final Acceptance Completed Date (IBW)	07.08.2026

Contractor		**Maintenance Team**		**Client**	
Name	Asiri Rasanga	**Name**		**Name**	Champika Rathnakantha
Designation	A.Engineer	**Designation**		**Designation**	Engineer
Date		**Date**		**Date**	
Signature		**Signature**		**Signature**	

Final Acceptance Test Reports

OSP-Under Ground Method

Description	Qty. (m)
Micro Duct Laying(For 300mm Depth)	-
HDPE Duct Laying (For 1m Depth)	-
GI Protection (if Applied)	-
PVC Protection (if Applied)	-

Description	D1	D2	D3	D4
Ball Test	-	-	-	-

OSP-Micro Trenching (MT Method)

Description	Depth	Qty. (m)
MT(Technology 1 Way)	-	-
MT(Technology 2 Way)	-	-
MT(Technology 4 Way)	-	-
MT(Technology 24 Way)	-	-

Description	D1	D2	D3	D4
Ball Test	-	-	-	-

OSP-Aerial Method

Description	Completion
No of Poles Erection (As per the Drawings)	-
Road Crossing for 9m Poles Applied	-
No of Struts	-
No of Stays	-
Well beyond RDA Boundary/SLT Poles & Road Edges	Done
Pole Numbering	Done

Final Acceptance Test Reports

Installation of Aerial Cables or Under Ground Cable

Description	Completion
Cable Type (As per the As-Built)	8 Fiber with 4 core tubes
Cable Distance (Without Coils)	94.0m
No of Cable coil Points (500m Intervals)	-
No of Splicing Closure Points	01
Cable Tagging	Done
Cable Earthling (500m Intervals)	-
Guard Wire Connectivity to Bulk-Head-Earthling	Done
PVC/Flexible Conduits Applied for Unprotect ion Area	Done

Pre-casted HH/MH installation

Description	Completion
HH/MH & In-Situ Type	-
Frame & Cover Fitted	-
Brackets	-
Earthling	-
Duct Entrance	-
End Caps	-
HH/MH Number	-

IBW & Connectivity (Site Owner premises & DAP Cabin)

Description	Qty. (m)	Completion
No of HDPE Duct Laying (Duct No & Colors)	-	-
GI length (Length/Size)	-	-
PVC Length (Length/Size)	17.9-	Done
Flexible Conduits Applied for Unprotecting areas	4.6	Done
Neatness (Color Matching, Tie-wraps)	-	Done
Bulk-Head sealing	-	-
ODF Mounted	-	Done
Inner Wire Grounding	-	-
ODF Grounding	-	Done
ODF Sealing	-	Done
ODF Labeling (Connected Site & Peer Sites)	-	Done
Cable Tags	-	Done
Cable Neatness & Spirals)	-	Done

Standard Formats

ODF Name (Laminated)

Connected Site ICBT Anuradhapura CX033107

Anuradhapura Suntel AN0002 G652-8-1-2

ODF Labeling (Connectivity) (Laminated)

Site East – Anuradhapura Suntel AN0002	Connected Site ICBT Anuradhapura CX033107	Site West –
ICBT Anuradhapura CX033107 G652-96-17-18	Anuradhapura Suntel AN0002 G652-8-1-2	

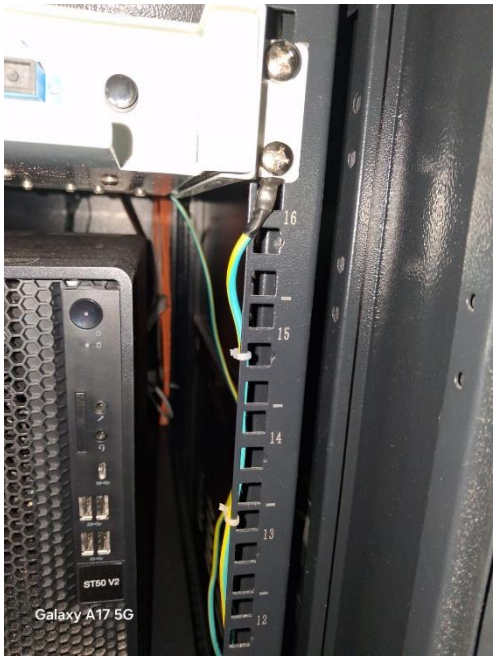
Cable Tag-MH-(Stainless Steel_06cmx06cm)

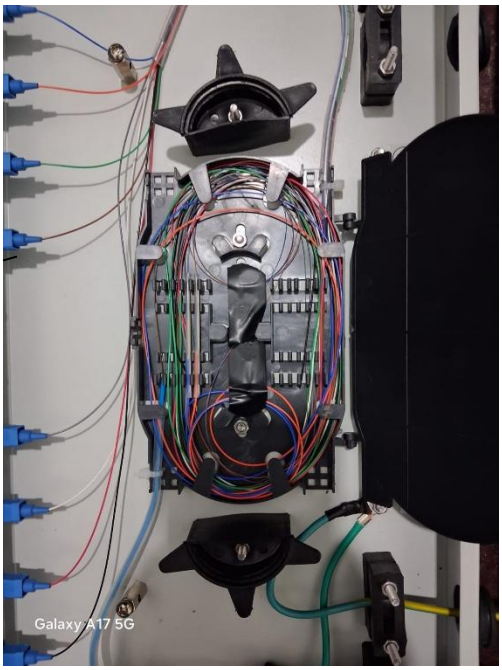
Cable Direction to Connected Site

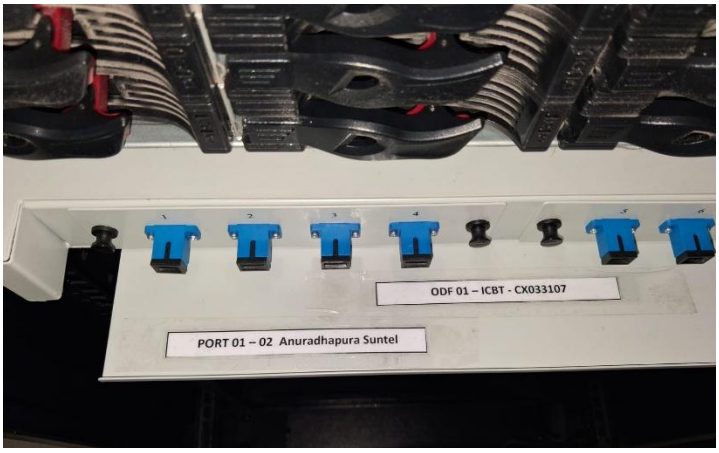


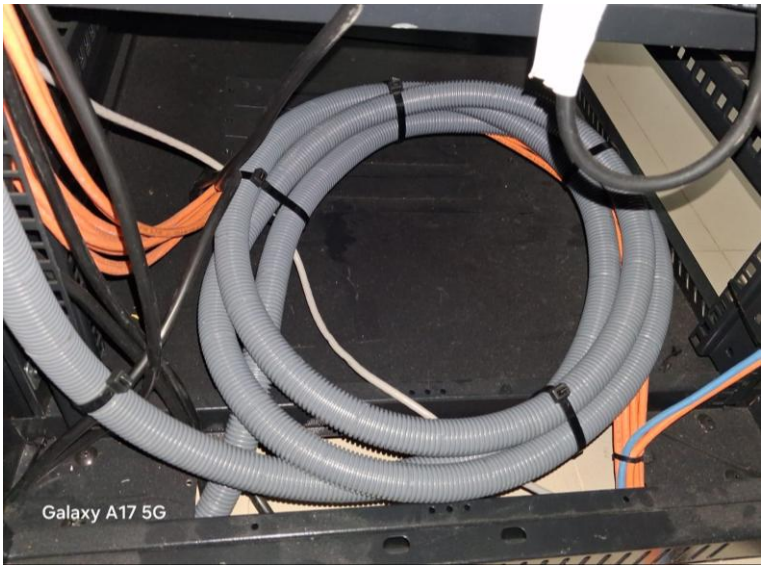
Photographs (Special Locations)













Luminex PLC	**END TO END LOSS MEASUREMENTS BY OPTICAL POWER METER & SOURCE**	**Form No :PO II/D2/09**

ISLANDWIDE OPTICAL FIBER BACKBONE NETWORK PROECT

Road	**Maithripala Senanayake Mawatha, Anuradhapura**	**Sector**		**Date**	**25/06/2026**
Site	**INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD - CX033107**			**Sheet No**	**1**

Section	From : **ICBT CX033107 - ODF-01 (01,02)**	To : **AN0002 - Anuradhapura Suntel /ODF-01 (17,18)**

(1) Representative Calibration Value of the Power Meter

Description	P1/ dB	P2/ dB	E=P2-P1 (dB)	Remarks	No of Cores	2	
1st	0.00	-7.34	-7.34		Actual Distance	1.020 Km	
2nd	0.00	-7.90	-7.90	Patching	OTDR Distance	1.020 Km	
3rd	0.00	-7.67	-7.67		No of Splicing	4	
Rep. Calibration Value = Sum (P2-P1) / 3					Wave Length	1310nm	

(2) Optical loss of End to End.

Port No	P in (1)	P out (2)	Rep. Calib. Value "E" (3)	Optical Loss {(1)-(2)}+(3)
1	0.00	-8.64	-7.63	1.01
2	0.00	-8.36	-7.63	0.73

Port No	P in (1)	P out (2)	Rep. Calib. Value "E" (3)	Optical Loss {(1)-(2)}+(3)

Acceptance Criteria:

1 Average Splice loss (both directions) for G655 at 1550nm fiber 0.1 dB

2 Attenuation co-ef limits for G652

At 1310nm 0.40 dB/km

At 1550nm 0.25 dB/km

3 Attenuation co-ef limits for G655 At 1550nm 0.25 dB/km

4.For G655 (NZDSF) link loss measurement at 1310nm is not applicable.

5.Acceptable link loss (0.40 x Fiber length in KM) + 0.1x No. of splices + connectors loss (2 each x 0.5dB **1.608**

	TESTED & SUBMITTED BY	ACCEPTED BY
	CONTRACTOR	DIALOG
NAME	Asiri Rasanga	
DESIGNATION	T/O	
SIGNATURE		
DATE	25/06/2026	

File

File :	1.sor	Device :	MT9083A2-07 Num. 0
Date :	24/06/2026 12:15:23 AM	Module :	6C00050230

Configuration

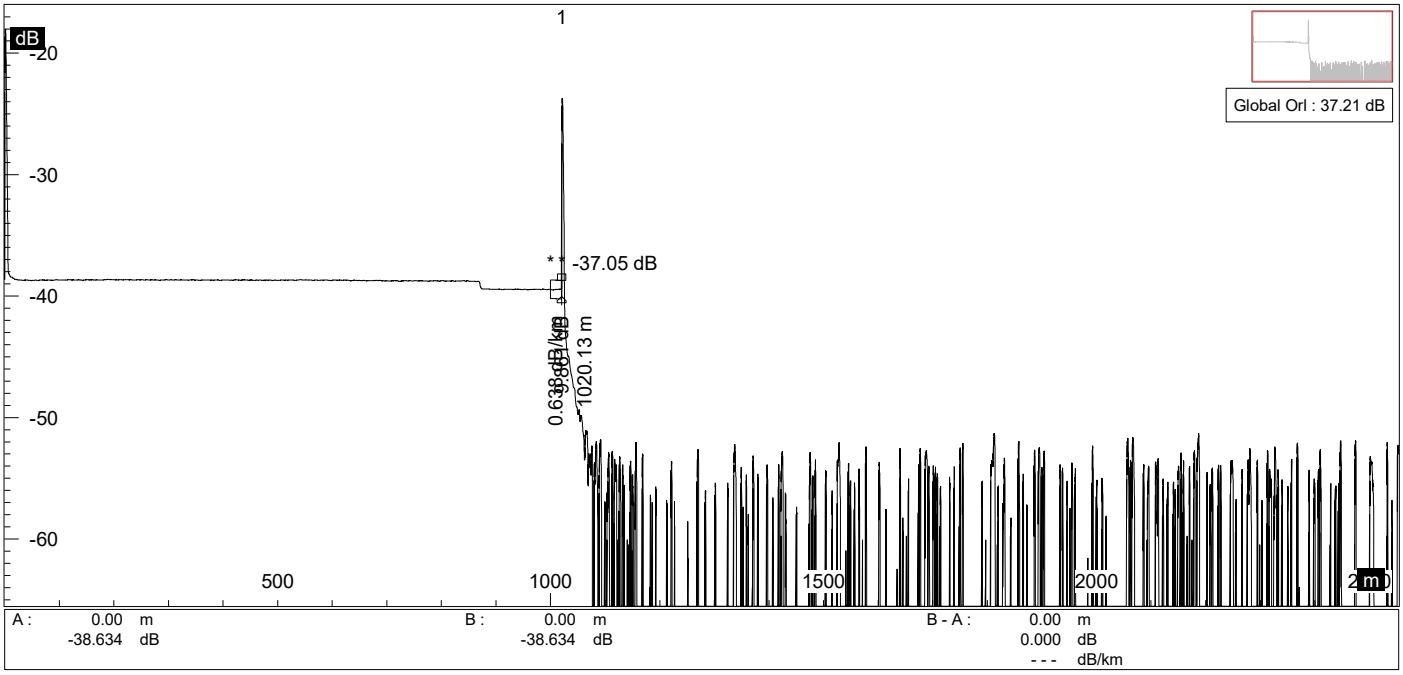
Operator :		Direction :	A<--B	Backscatter coeff.: -81.50 dB
LOCATION A		Location A :		
Cable :		Location B :		
Fiber :	8231 8231	Wavelength (nm) :	1550	
Color :		Index :	1.468200	
LOCATION B		Pulse (ns) :	20	
Cable :		Range (km) :	2.554	
Fiber :	8231 8231	Average :	4096	
Color :		Resolution :	-	

Comment

Comment :

Job

OTDR Trace



File

File :	1.sor	Device :	MT9083A2-07 Num. 0
Date :	24/06/2026 12:15:23 AM	Module :	6C00050230

Table

Event (1)		Distance (m)	Loss (dB)	Reflectance (dB)	Slope (dB/km)	Rel. Dist. (m)	Section loss (dB)	Total loss (OTDR) (dB)	Uncertainty
1		1020.13	9.861	-37.05	0.638	1020.13	0.651	0.651	Two points

File

File :	2.sor	Device :	MT9083A2-07 Num. 0
Date :	24/06/2026 12:16:35 AM	Module :	6C00050230

Configuration

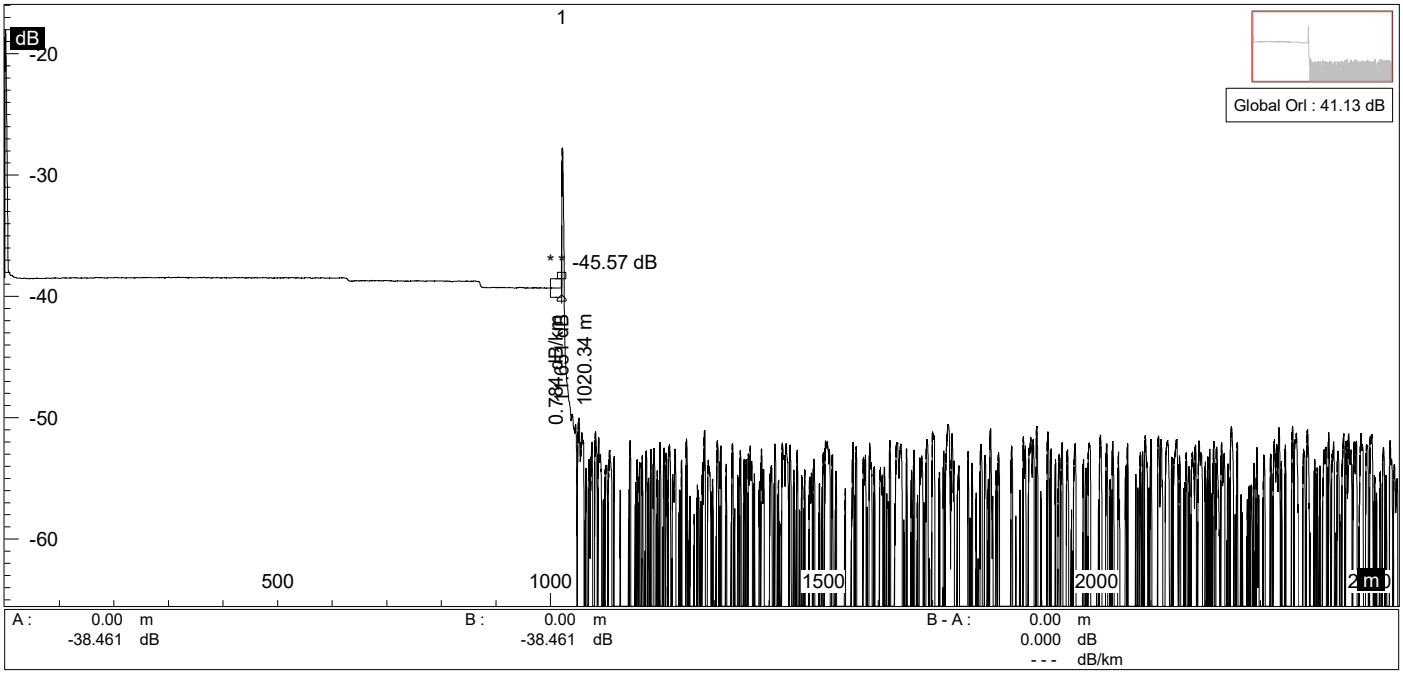
Operator :		Direction :	A<--B	Backscatter coeff.: -81.50 dB
LOCATION A		Location A :		
Cable :		Location B :		
Fiber :	8232 8232	Wavelength (nm) :	1550	
Color :		Index :	1.468200	
LOCATION B		Pulse (ns) :	20	
Cable :		Range (km) :	2.554	
Fiber :	8232 8232	Average :	4096	
Color :		Resolution :	-	

Comment

Comment :

Job

OTDR Trace



File

File :	2.sor	Device :	MT9083A2-07 Num. 0
Date :	24/06/2026 12:16:35 AM	Module :	6C00050230

Table

Event (1)	Distance (m)	Loss (dB)	Reflectance (dB)	Slope (dB/km)	Rel. Dist. (m)	Section loss (dB)	Total loss (OTDR) (dB)	Uncertainty
1 	1020.34	11.651	-45.57	0.784	1020.34	0.800	0.800	Two points

OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG MOBILE
SITE CONNECTIVITY

INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD
CX033107

MAITHRIPALA SENANAYAKE MAWATHA,
ANURADHAPURA
(8.3391868,80.4117676)

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
DAM-JAF 1500 ~ 2R BRACKET	MAITHRIPALA SENANAYAKA MAWATHA	RDA	AREIAL	–	88.0m	–	–
			TOTAL DISTANCE WITHOUT COIL		88.0 m		
			TOTAL DISTANCE WITH COIL		113.0 m		

AS BUILT DRAWING FOR
OSP

DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO 02
SRI LANKA

LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

LEGEND FOR OFN DRAIWNG

Existing HDD Path

Proposed HDD Path

Existing Aerial Path

Proposed Aerial Path

Existing Open Trench Path

Proposed Open Trench Path

Feeder Cable

Distribution Cable

Drop Cable

Existing Micro Trench Path

Proposed Micro Trench Path

CMC Path

Pending Path

Pole with Strut / Existing or Proposed

Pole with Stay / Existing or Proposed

Pole with Concrete / Existing or Proposed

Proposed 9m Pole

Proposed 6.7m Pole

Proposed 8m Pole

Proposed GI Pole

Existing 9m Pole

Existing 6.7m Pole

Existing8m Pole

Existing GI Pole

ML/HH2/A — Proposed Manhole

WAD-MAT/45/B — Existing Manhole

CMC Handhole

Pending Handhole

Existing FTC

Existing Pole Mount FDP (With SPliiter #)

Existing Under Ground FDP (With splitter #)

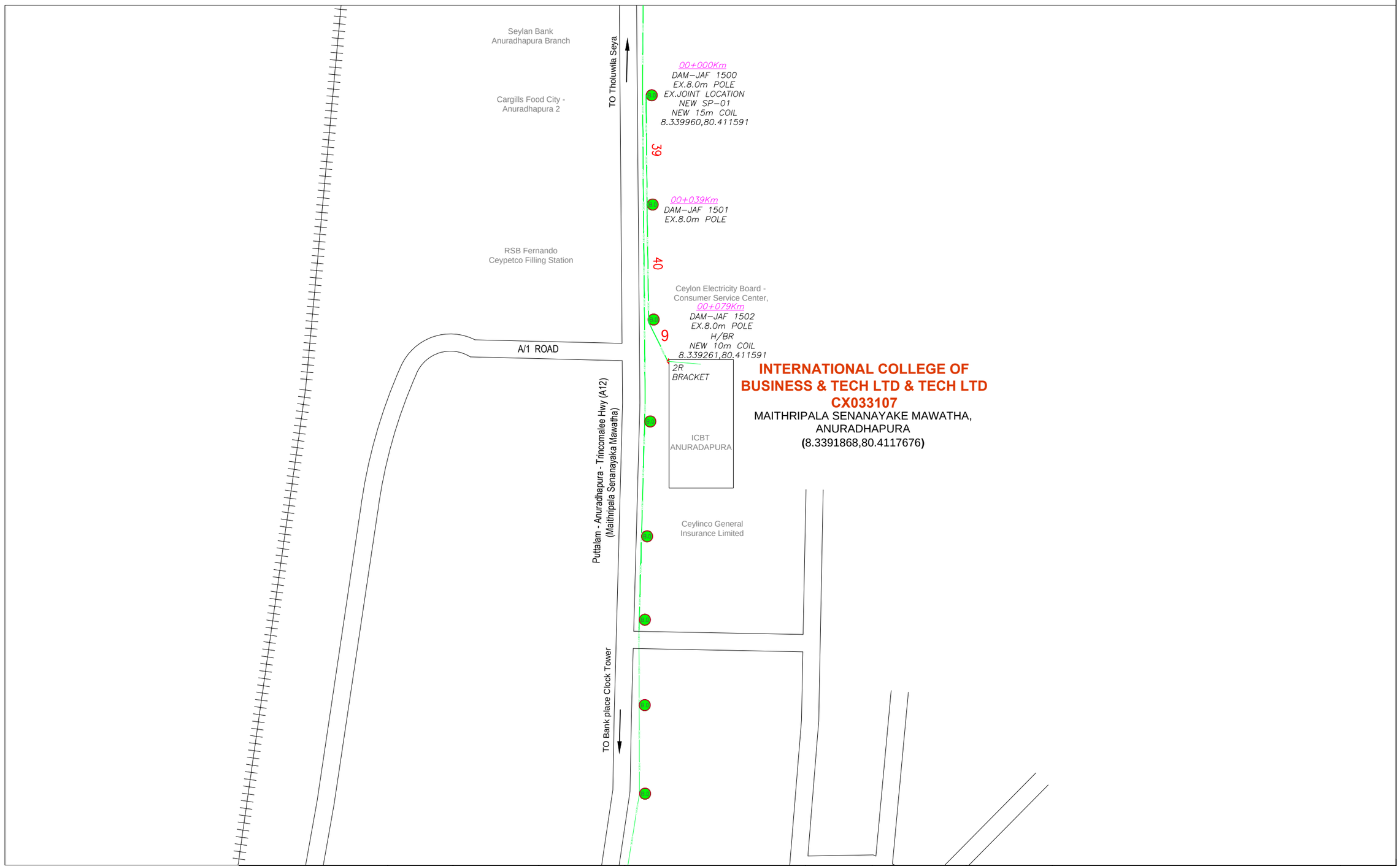
Proposed FTC

Proposed Pole Mount FDP (With Splitter #)

Proposed Under Ground FDP (With splitter #)

Customer Location (With number of Location)

Proposed HDD Pit (L-1.0m x W-1.0m x H-1.5m)



INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD
CX033107
MAITHRIPALA SENANAYAKE MAWATHA,
ANURADHAPURA
(8.3391868,80.4117676)

DRAWING TITLE : OSP

CONTRACTOR LOGO

LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	DAYAN	ASIRI
DESIGNATION	DRAU.	A.Eng.
DATE	2026.05.19	2026.05.19

DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO-02
SRI LANKA

	CHECKED BY	ACCEPT BY
NAME / SIGNATURE		
DESIGNATION		
DATE		

INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD - CX033107
MAITHRIPALA SENANAYAKE MAWATHA,
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SCALE

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OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG MOBILE
SITE CONNECTIVITY

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CX033107

MAITHRIPALA SENANAYAKE MAWATHA,
ANURADHAPURA
(8.3391868,80.4117676**)**

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
2R BRACKET ~ ODF			ATTACHMENT	–	22.5 m	–	–
			TOTAL DISTANCE WITHOUT COIL		22.5 m		
			TOTAL DISTANCE WITH COIL		27.5 m		

AS BUILT DRAWING FOR
IBW

DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO 02
SRI LANKA

LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

LEGEND FOR OFN DRAIWNG

Existing HDD Path

Proposed HDD Path

Existing Aerial Path

Proposed Aerial Path

Existing Open Trench Path

Proposed Open Trench Path

Feeder Cable

Distribution Cable

Drop Cable

Existing Micro Trench Path

Proposed Micro Trench Path

CMC Path

Pending Path

Pole with Strut / Existing or Proposed

Pole with Stay / Existing or Proposed

Pole with Concrete / Existing or Proposed

Proposed 9m Pole

Proposed 6.7m Pole

Proposed 8m Pole

Proposed GI Pole

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ML/HH2/A — Proposed Manhole

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Existing FTC

Existing Pole Mount FDP (With SPliiter #)

Existing Under Ground FDP (With splitter #)

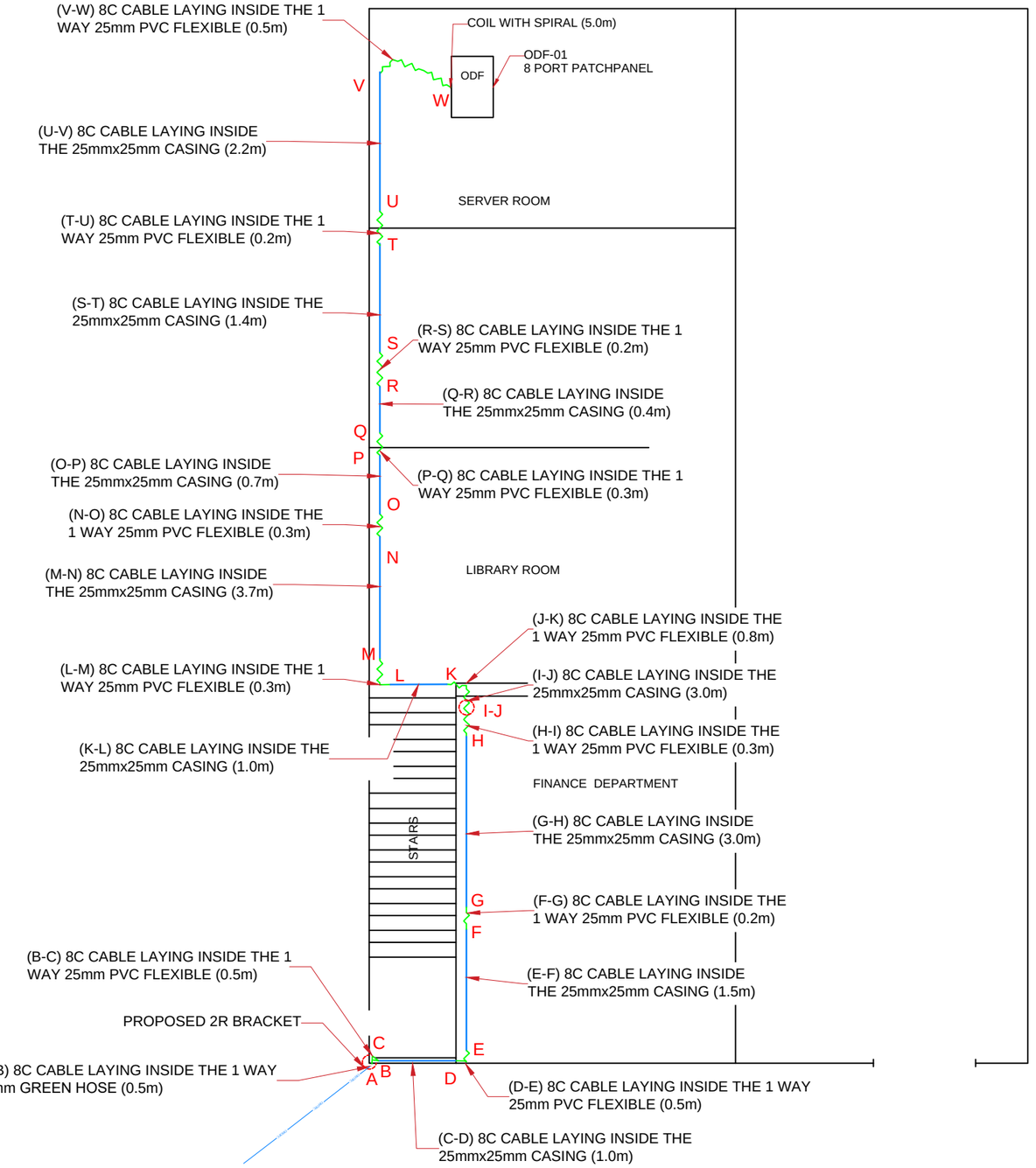
Proposed FTC

Proposed Pole Mount FDP (With Splitter #)

Proposed Under Ground FDP (With splitter #)

Customer Location (With number of Location)

Proposed HDD Pit (L-1.0m x W-1.0m x H-1.5m)



INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD
CX033107
MAITHRIPALA SENANAYAKE MAWATHA,
ANURADHAPURA
(8.3391868,80.4117676)

25mm GREEN HOSE	0.5m
25mmx25mm CASING	17.9m
25mm PVC INDOOR FLEXIBLE	4.1m

AS BUILT

DRAWING TITLE : IBW

CONTRACTOR LOGO

LUMINEX PLC
LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	DAYAN	ASIRI
DESIGNATION	DRAU.	A.Eng.
DATE	2026.08.05	2026.08.05

Dialog
DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO-02
SRI LANKA

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INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD - CX033107
MAITHRIPALA SENANAYAKE MAWATHA,
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SCALE

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01 OF 05

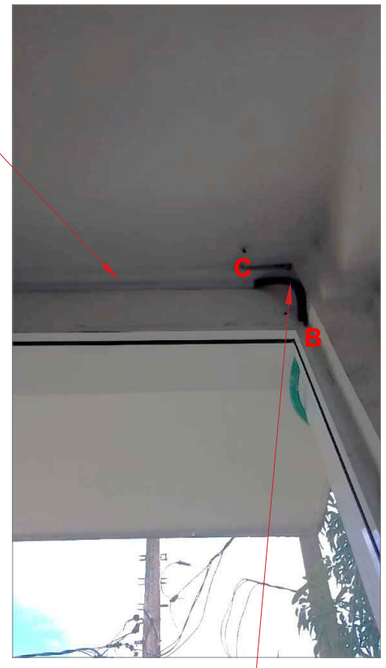
(A-B) 8C CABLE LAYING INSIDE THE 1 WAY
25mm GREEN HOSE (0.5m)

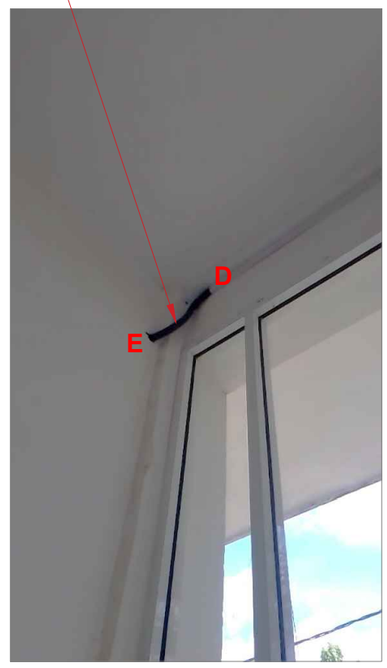


(C-D) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (1.0m)



(D-E) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.5m)





(B-C) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.5m)

DRAWING TITLE : IBW

CONTRACTOR LOGO

LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	DAYAN	ASIRI
DESIGNATION	DRAU.	A.Eng.
DATE	2026.08.05	2026.08.05

DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO-02
SRI LANKA

	CHECKED BY	ACCEPT BY
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DATE		

INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD - CX033107

MAITHRIPALA SENANAYAKE MAWATHA,
ANURADHAPURA
(8.3391868,80.4117676)

SCALE

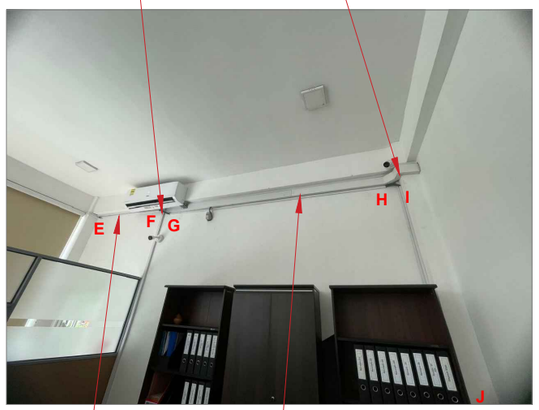
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02 OF 05

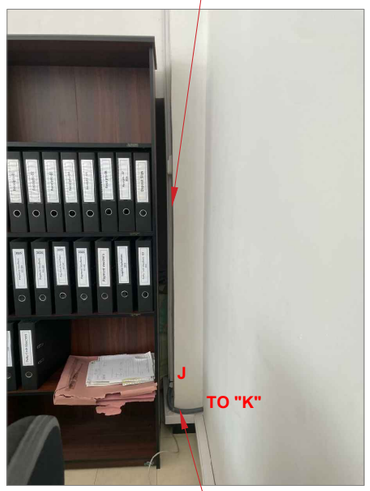
(F-G) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.2m)

(H-I) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.3m)

(I-J) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (3.0m)

(K-L) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (1.0m)









(E-F) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (1.5m)

(G-H) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (3.0m)

(J-K) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.8m)

(L-M) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.3m)

DRAWING TITLE : IBW

CONTRACTOR LOGO

LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

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DESIGNATION	DRAU.	A.Eng.
DATE	2026.08.05	2026.08.05

Dialog

DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO-02
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INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD - CX033107

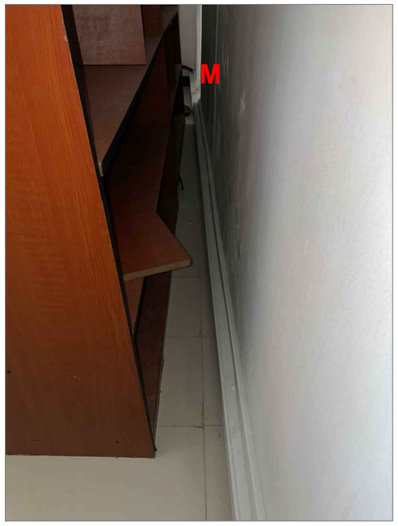
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ANURADHAPURA
(8.3391868,80.4117676)

SCALE

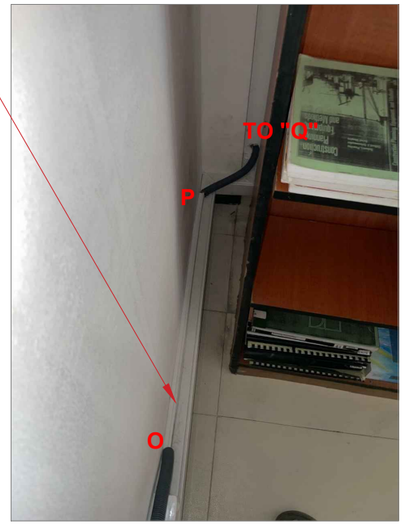
PAGE NO
03 OF 05

(Q-R) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (0.4m)

(O-P) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (0.7m)









(M-N) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (3.7m)

(N-O) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.3m)

(P-Q) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.3m)

(R-S) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.2m)

DRAWING TITLE : IBW

CONTRACTOR LOGO

LUMINEX PLC

LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	DAYAN	ASIRI
DESIGNATION	DRAU.	A.Eng.
DATE	2026.08.05	2026.08.05

Dialog

DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO-02
SRI LANKA

	CHECKED BY	ACCEPT BY
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INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD - CX033107

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(8.3391868,80.4117676)

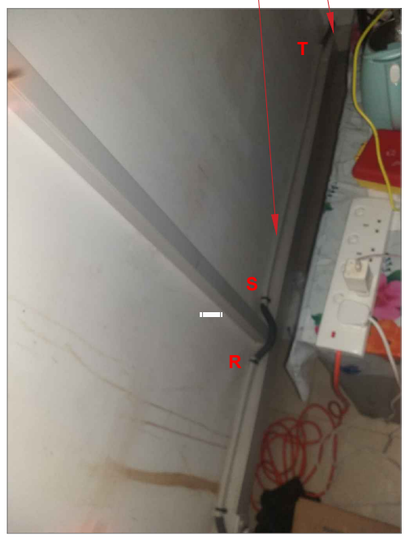
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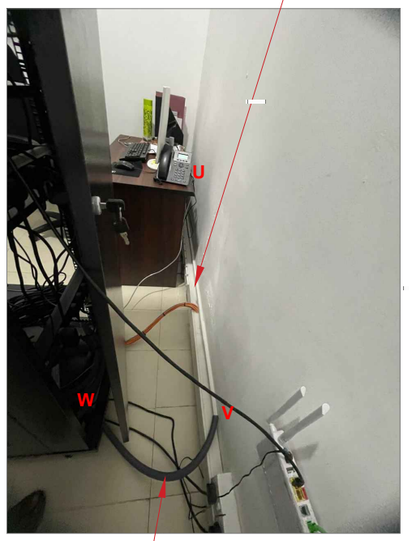
PAGE NO

04 OF 05

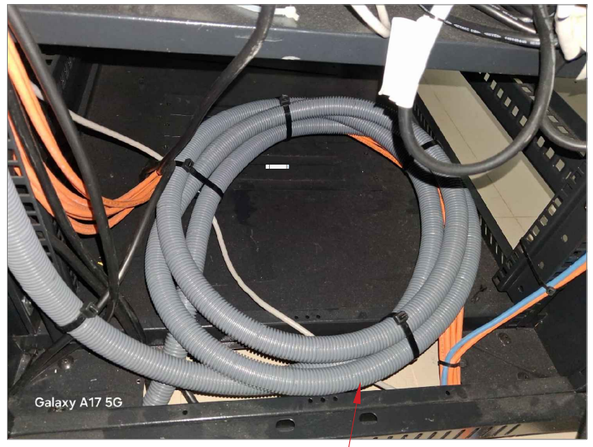
(T-U) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.2m)

(S-T) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (1.4m)





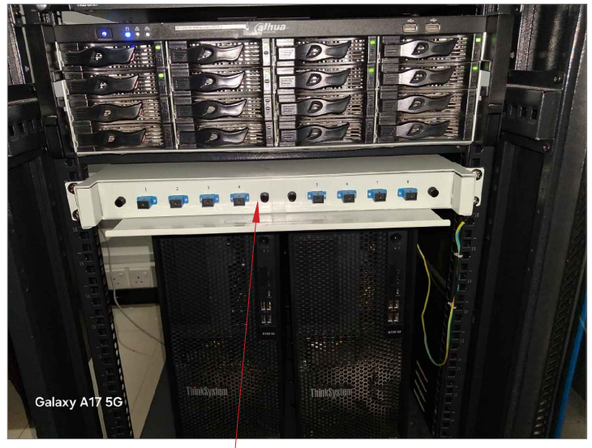
(U-V) 8C CABLE LAYING INSIDE
THE 25mmx25mm CASING (2.2m)



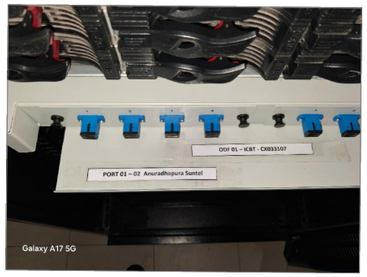


(V-W) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FLEXIBLE (0.5m)

COIL WITH SPIRAL (5.0m)



ODF-01
8 PORT PATCHPANEL









DRAWING TITLE : IBW

CONTRACTOR LOGO

LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	DAYAN	ASIRI
DESIGNATION	DRAU.	A.Eng.
DATE	2026.08.05	2026.08.05

DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO-02
SRI LANKA

	CHECKED BY	ACCEPT BY
NAME / SIGNATURE		
DESIGNATION		
DATE		

INTERNATIONAL COLLEGE OF BUSINESS & TECH LTD & TECH LTD - CX033107

MAITHRIPALA SENANAYAKE MAWATHA,
ANURADHAPURA
(8.3391868,80.4117676)

SCALE

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CORE PLAN

