Optical Fiber Network Project

Final Acceptance Test Report

(OSP & IBW Connectivity)

Initial Details

Project name	Dialog DE Connections
Phase	……
Site ID	CX033085
Site Name	MIREKA SEASCAP_HIKKADUWA
Site Address	414/1, DODANDUWA ROAD, CRAWEGODA, HIKKADUWA
DAP Region	

Work Completion Details

JFS date	04.05.2026
OSP Completed Date	14.05.2026
IBW Completed Date	14.05.2026
Splicing & Test Completed Date	14.05.2026
Final Acceptance Completed Date (OSP)	01.06.2026
Final Acceptance Completed Date (IBW)	01.06.2026

Contractor		**Client**	
Name	G.Gayan Chaminda	**Name**	Champika Rathnakantha
Destination	Assistant Engineer	**Destination**	Engineer
Date		**Date**	
Signature		**Signature**	

Final Acceptance Test Reports

OSP-Under Ground Method

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

Description	D1	D2	D3	D4
Ball Test	N/A	N/A	N/A	N/A

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	N/A	N/A	N/A	N/A

OSP-Aerial Method

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

Final Acceptance Test Reports

OSP Aerial Method

Description	Completion
No of Poles Erection (As per the Drawing)	-
Road Crossing for 9m Poles applied	-
No of Struts	0
No of Stays	0
No of Concrete Poles	0
Well beyond RDA Boundary/SLT Poles & Road Edges	-
Pole Numbering	-

Installation of Aerial Cables or Under Ground Cable

Description	Completion
Cable Type (As per the As-Built)	8C ADSS Fiber cable - Aerialcable
Cable Distance (Without Coils)	588
No of Cable coil Points (in poles & HH)	5
No of Splicing Closure Points	1
Cable Tagging	Done
Cable Earthling (500m Intervals)	Done
Guard Wire Connectivity to Bulk-Head-Earthling	N/A
PVC/Flexible Conduits Applied for Unprotect ion Area	Done

Pre-casted HH/MH installation

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

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)	16.5	-
Flexible Conduits Applied for Unprotect ion areas	8	-
Neatness (Color Matching, Tie-wraps)	-	Done
Bulk-Head sealing	-	Done
ODF Mounted	-	Done
Inner Wire Grounding	-	Done
ODF Grounding	-	-
ODF Sealing	-	Done
ODF Labeling (Connected Site & Peer Sites)	-	Done
Cable Tags	-	Done
Cable Neatness & Spirals)	-	Done

Standard Formats

ODF Labeling (Laminated)

Site East:

Dodanduwa

Port 05/06 -

MIREKA SEASCAP_HIKKADUWA _ CX033085

Connected Site:

MIREKA SEASCAP_HIKKADUWA

Port 01/02-

Dodanduwa_GA0004

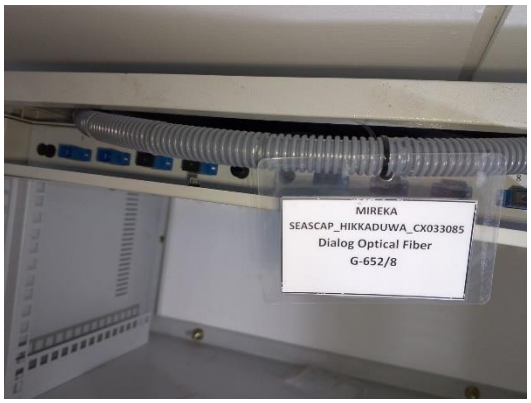




Cable Tag-MH-(Laminated_06cmx06cm)

Cable Direction to Connected Site

MIREKA SEASCAP_HIKKADUWA CX033085 Dialog Optical Fiber G-652/8	**MIREKA SEASCAP_HIKKADUWA CX033085 Type 48 Closures**





Photographs (Special Locations)







01. GI & PVC Attachment





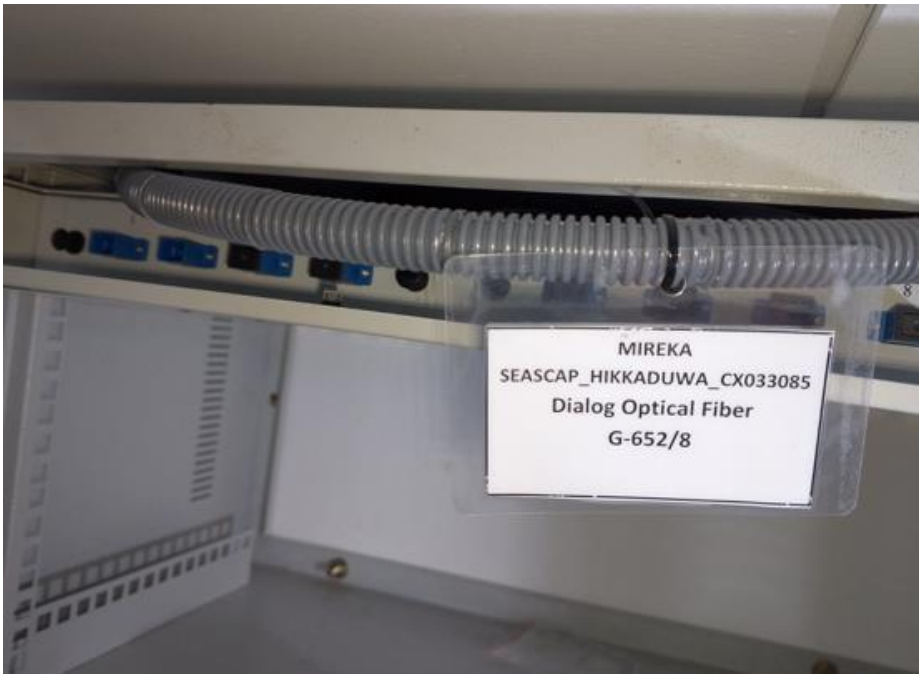
02. Green Hose (25mm) attachment



03. ODF Installation Labeling






MIREKA
SEASCAP_HIKKADUWA_CX033085
Dialog Optical Fiber
G-652/8

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

ISLANDWIDE OPTICAL FIBER BACKBONE NETWORK PROECT

Road	**Colombo - Galle Main Road**	**Sector**		**Date**	**5/14/2026**
Site	**MIREKA SEASCAP_HIKKADUWA_CX033085**			**Sheet No**	**1**

Section	From :**MIREKA SEASCAP_HIKKADUWA_CX033085 ODF1(01-02)**	To :	**Dodandoowa GA0004 ODF-1 (5-6)**

(1) Representative Calibration Value of the Power Meter

Description	P1/ dB	P2/ dB	E=P2-P1 (dB)	Remarks		
1st	0.00	-6.28	-6.28		No of Cores	2
2nd	0.00	-6.30	-6.30	Patching	Actual Distance	0.7093
3rd	0.00	-6.27	-6.27		OTDR Distance	0.7093 Km
Rep. Calibration Value = Sum (P2-P1) / 3	0.00	-18.85	-6.28		No of Splicing	4
					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	-8.77	-6.28	2.49
2	0.00	-8.59	-6.28	2.31

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.

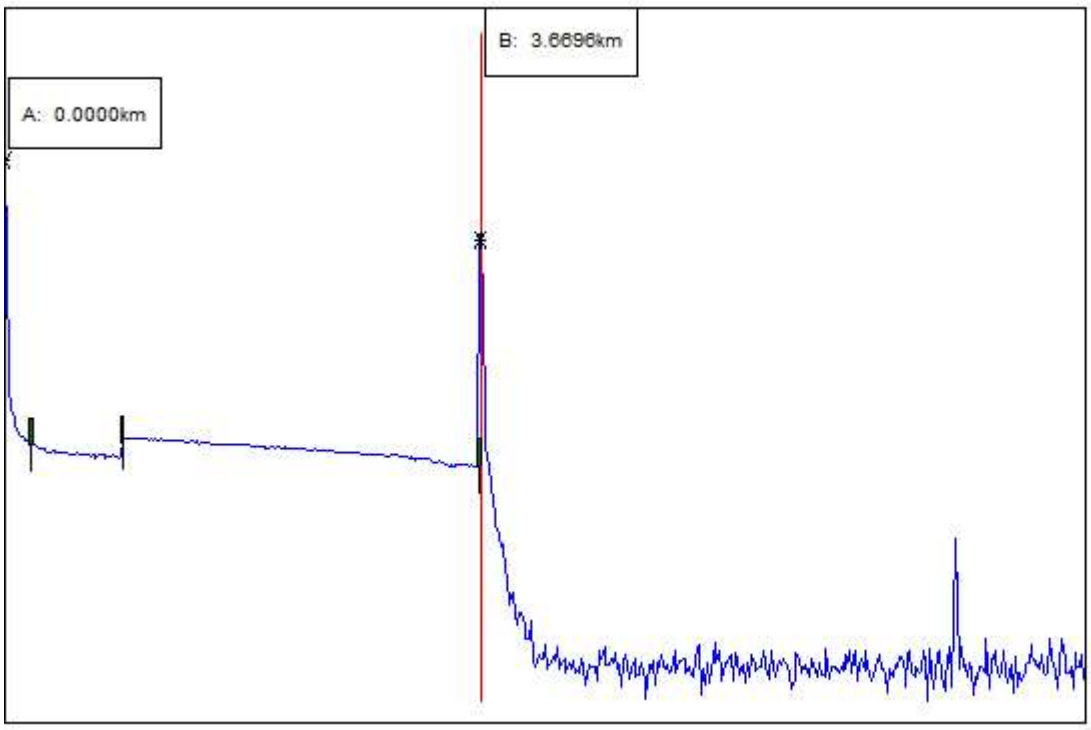
5.Acceptable link loss (0.40 x Fiber length in KM) + 0.1x No. of splices + connectors loss (2 each x 0.5dB **2.895**

	TESTED & SUBMITTED BY	ACCEPTED BY
	CONTRACTOR	DIALOG
NAME	Udesh Pushpa Kumara	
DESIGNATION	T/O	
SIGNATURE		
DATE	14/5/2026	

OTDR Report

WaveLength : 1310 nm
PulseWidth : 80 ns
Average Times : 0
Helix : 1.00000
Date : 2026.05.18 05:59:14
File Name : C:\Users\DELL\Desktop\R A S I R U\D I A L O G\JOBS\MIREKA SEASCAP_HIKKADUWA_CX033085\OTDR\MIREKA SEASCAP_HIKKADUWA_CX033085_CORE 1.SOR

Range : 8 km
Att. :
IOR : 1.47200
Test Type : Standard



Distance of A-B : 3.6696 km
Attenuation of A-B : 0.369 dB/km
Splice :

Loss of A-B : 6.747 dB
Reflect:
Event Threshold : 0.05

Event Table

No	Event Type	Distance(km)	Atten.(dB/km)	Splice(dB)	Reflect(dB)	Link(dB)
1	Non-Ref	0.2052	20.398	0.284	--------	4.186
2	Reflective	0.9170	0.575	-0.890	69.682	4.191
3	Fiber End	3.6696	0.413	--------	36.421	5.103

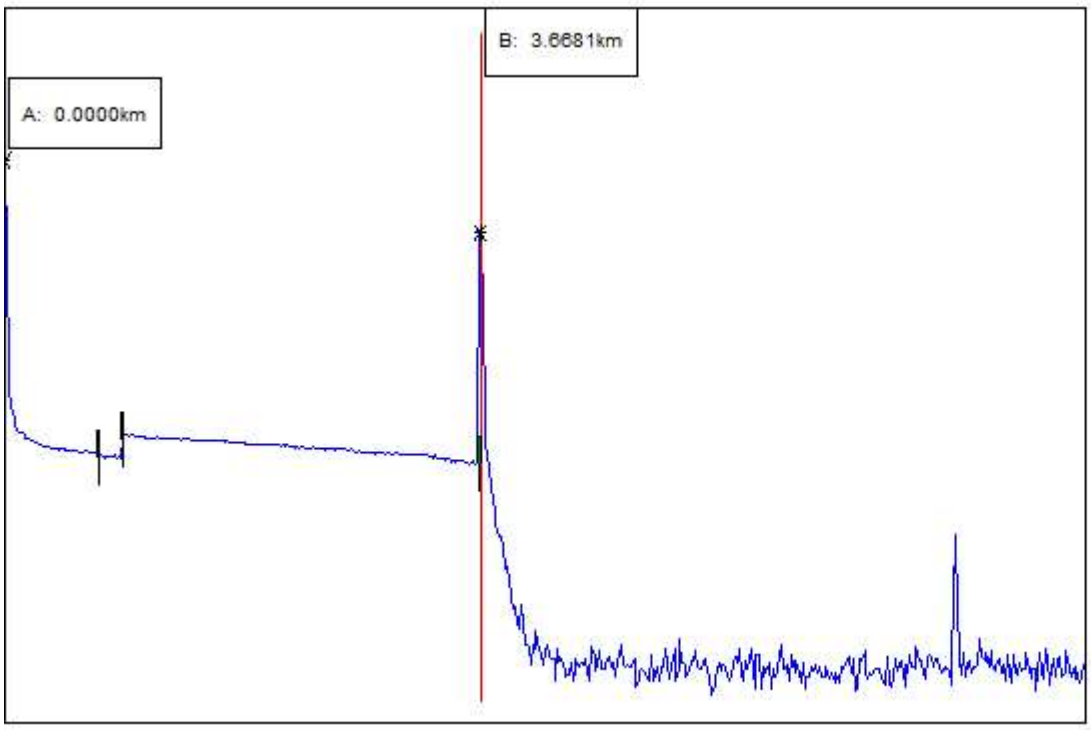
Cable ID : CID
Cable Code : CCD
OL : Start
Comment : Comment
Operator : Operator

Fiber ID : FID
Data Flag : BC
TL : End

OTDR Report

WaveLength : 1310 nm
PulseWidth : 80 ns
Average Times : 0
Helix : 1.00000
Date : 2026.05.18 05:59:29
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Range : 8 km
Att. :
IOR : 1.47200
Test Type : Standard



Distance of A-B : 3.6681 km
Attenuation of A-B : 0.351 dB/km
Splice :

Loss of A-B : 6.552 dB
Reflect:
Event Threshold : 0.05

Event Table

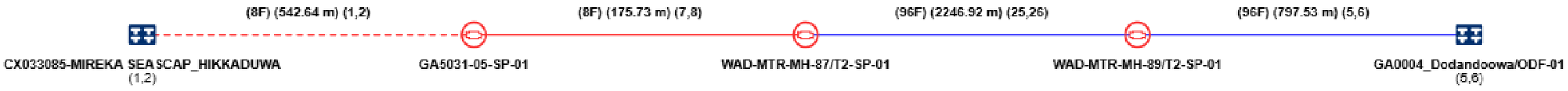
No	Event Type	Distance(km)	Atten.(dB/km)	Splice(dB)	Reflect(dB)	Link(dB)
1	Non-Ref	0.7271	0.635	-0.097	--------	0.462
2	Reflective	0.9170	0.143	-0.897	71.589	1.252
3	Fiber End	3.6681	0.379	--------	36.451	0.733

Cable ID : CID
Cable Code : CCD
OL : Start
Comment : Comment
Operator : Operator

Fiber ID : FID
Data Flag : BC
TL : End

Schematic View

Link Id: CX41859



Entity Legend

ODF Splice Closure

Patch Cord/Cable Legend

Planned As-Built Patch Cord

Feeder Cable OH(8F) Sprout Cable OH(8F) Feeder Cable UG(96F)

Cable Label: <Cable code>(<Length>m)(<Tube*fiber>) (Tube/Fiber range) e.g. GGN-CBL000012(1*1) T1(F2)

☐ Planning Design ☐ As-Built Design	Planners		Dialog		Department Phase	
Job ID	Team Members	Drawn By	Rechecked By	Latitude: **0**	Sheets1	Plan
Date: **01/01/0001;** Time: **12:00 AM;**	IT	Checked By	Approved By	Longitude: **0**		Regn. Dir
Plotted By						Cab.No.. Exchange

OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG ENTERPRISES
SITE CONNECTIVITY

MIREKA SEASCAP_HIKKADUWA (CX033085)

414/1, DODANDUWA ROAD, CRAWEGODA,
HIKKADUWA.
6.097631639877601, 80.13141102100789

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
A ~K	–	MIREKA SEASCAP OFFICE	ATTACHMENT	20.5m	–	–	–
–	–	–	–	–	–	–	–
TOTAL DISTANCE WITHOUT COIL						20.5 m	
TOTAL DISTANCE WITH COIL						25.5 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

HDD HDD HDD — Existing HDD Path

HDD HDD HDD — Proposed HDD Path

OHOFC — Existing Aerial Path

OHOFC — Proposed Aerial Path

DBN DBN — Existing Open Trench Path

DBN DBN — Proposed Open Trench Path

Feeder Cable

Distribution Cable

Drop Cable

MT OFC MT OFC — Existing Micro Trench Path

MT OFC MT OFC — Proposed Micro Trench Path

Green Hose

PVC / GI

8.0 — Pole with Strut / Existing or Proposed

8.0 — Pole with Stay / Existing or Proposed

8.0 — Pole with Concrete / Existing or Proposed

9.0 — Proposed 9m Pole

6.7 — Proposed 6.7m Pole

8.0 — Proposed 8m Pole

5.8 — Proposed GI Pole

9.0 — Existing 9m Pole

6.7 — Existing 6.7m Pole

8.0 — Existing8m Pole

5.8 — Existing GI Pole

LECO — LECO Pole

ML/HH2/A — Proposed Manhole

WAD-MAT/45/B — Existing Manhole

FTC1 — Existing FTC

FDP1 1 — Existing Pole Mount FDP (With SPliiter #)

FDP1 1 — Existing Under Ground FDP (With splitter #)

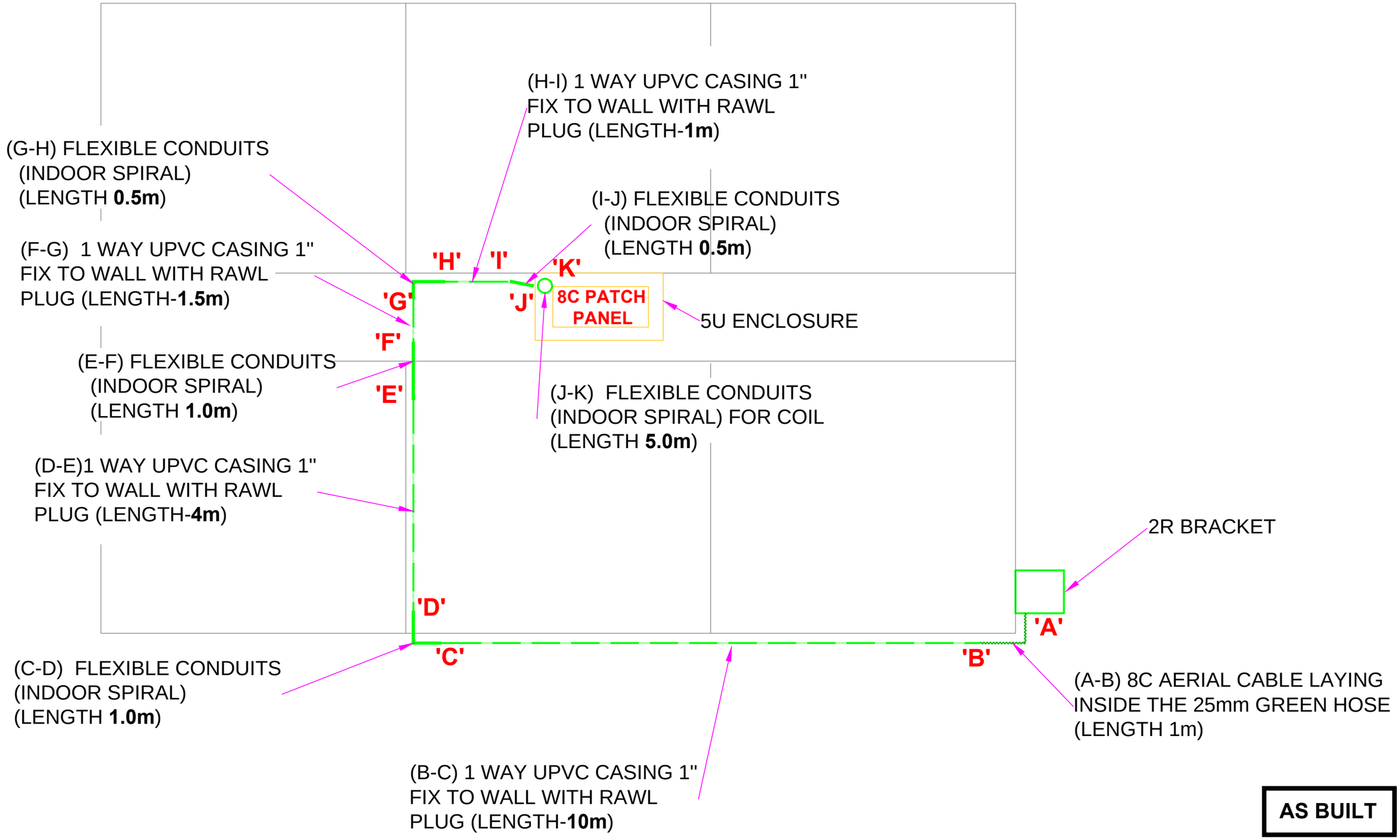
FTC1 — Proposed FTC

FDP1 1 — Proposed Pole Mount FDP (With Splitter #)

FDP1 1 — Proposed Under Ground FDP (With splitter #)

123 — Customer Location (With number of Location)

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



DRAWING TITLE :IBW

CONTRACTOR LOGO

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

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	KOKILA	UDESH
DESIGNATION	DRAU.	TTO.
DATE	2026.05.27	2026.05.27

Dialog

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

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NAME / SIGNATURE		
DESIGNATION		
DATE		

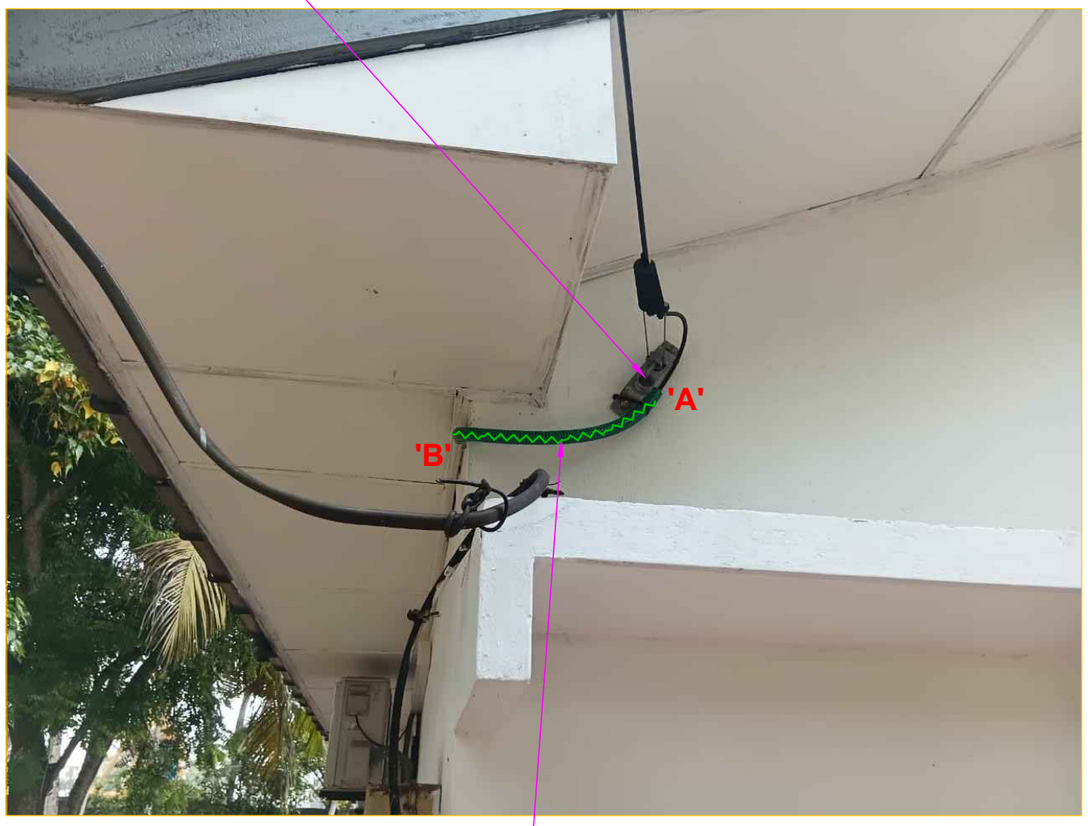
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414 / 1,DODANDUWA ROAD,CRAWEGODA,
HIKKADUWA
6.09760313768035, 80.13140059760114

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SCALE

PAGE NO
01 OF 06

2R BRACKET





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

(B-C) 1 WAY UPVC CASING 1" FIX TO WALL WITH RAWL PLUG (LENGTH-**10m**)

AS BUILT

DRAWING TITLE :IBW

CONTRACTOR LOGO

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MORATUWA
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414 / 1,DODANDUWA ROAD,CRAWEGODA,
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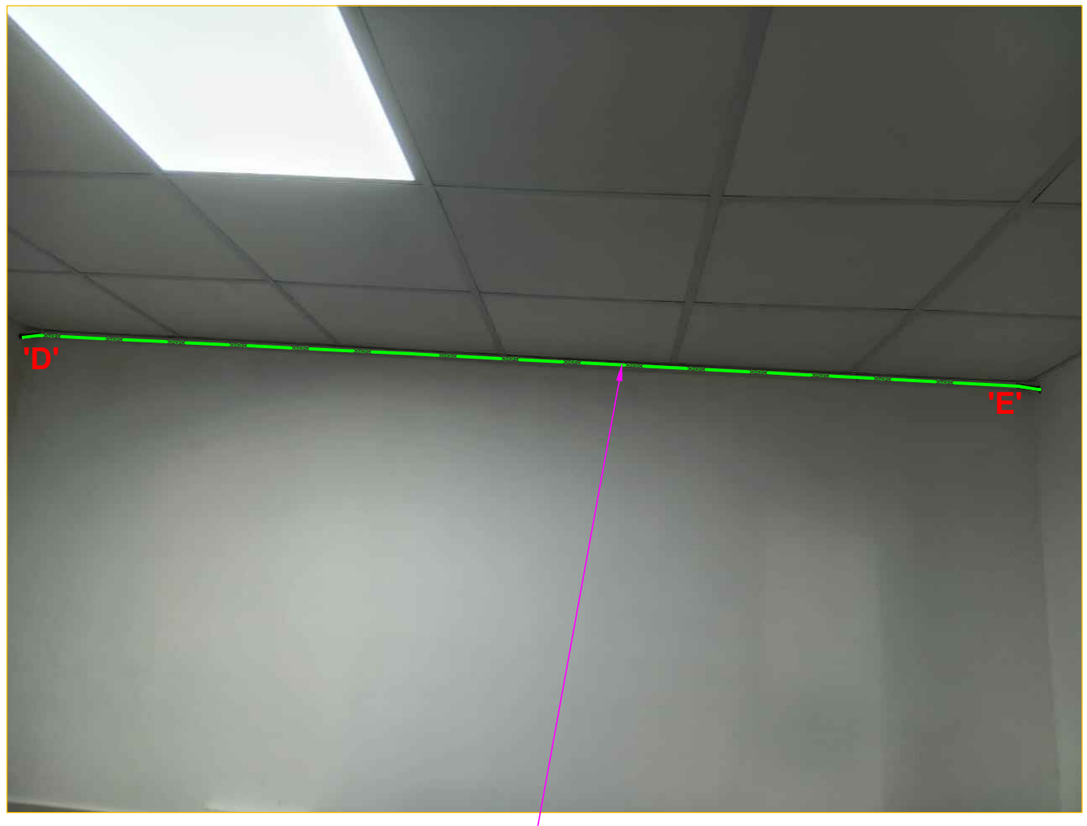
PAGE NO

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02 OF 06



(C-D) FLEXIBLE CONDUITS
(INDOOR SPIRAL)
(LENGTH **1.0m**)



(D-E)1 WAY UPVC CASING 1"
FIX TO WALL WITH RAWL PLUG
(LENGTH-**4m**)

AS BUILT

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CONTRACTOR LOGO

LUMINEX PLC.
NO. 24, NEW GALLE ROAD
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DATE	2026.05.27	2026.05.27

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475, UNION PLACE
COLOMBO-02
SRI LANKA

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NAME / SIGNATURE		
DESIGNATION		
DATE		

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414 / 1,DODANDUWA ROAD,CRAWEGODA,
HIKKADUWA
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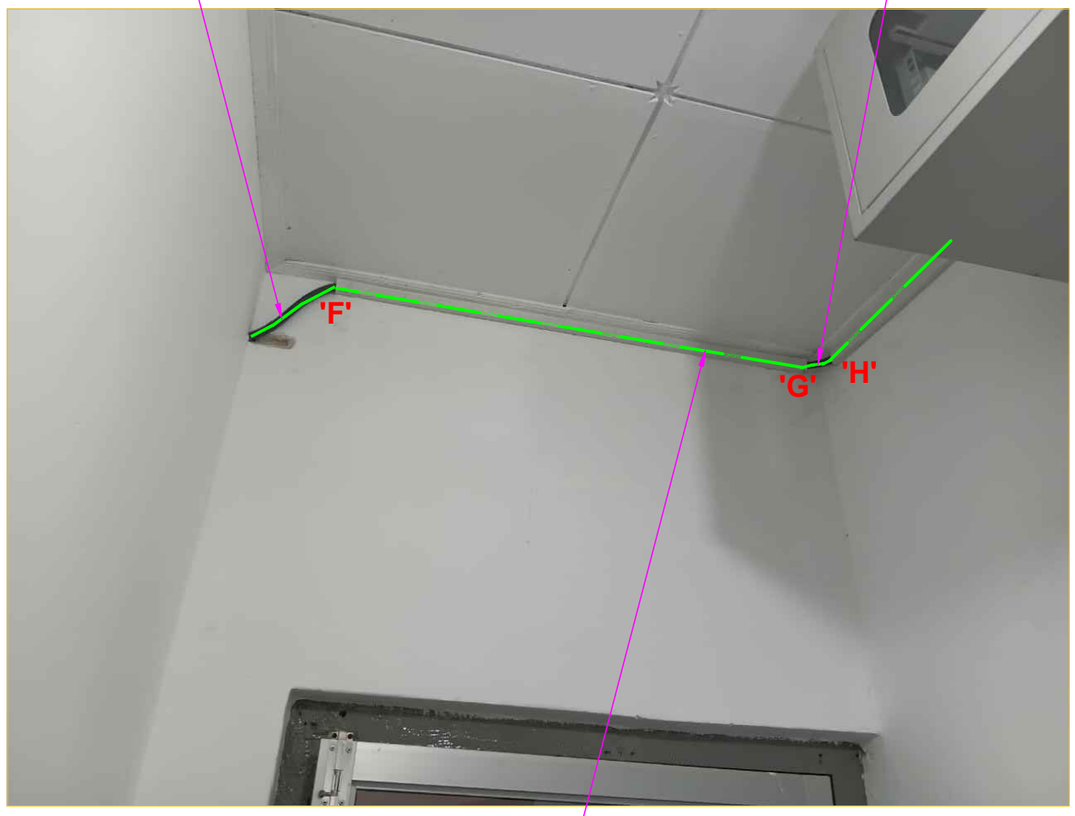
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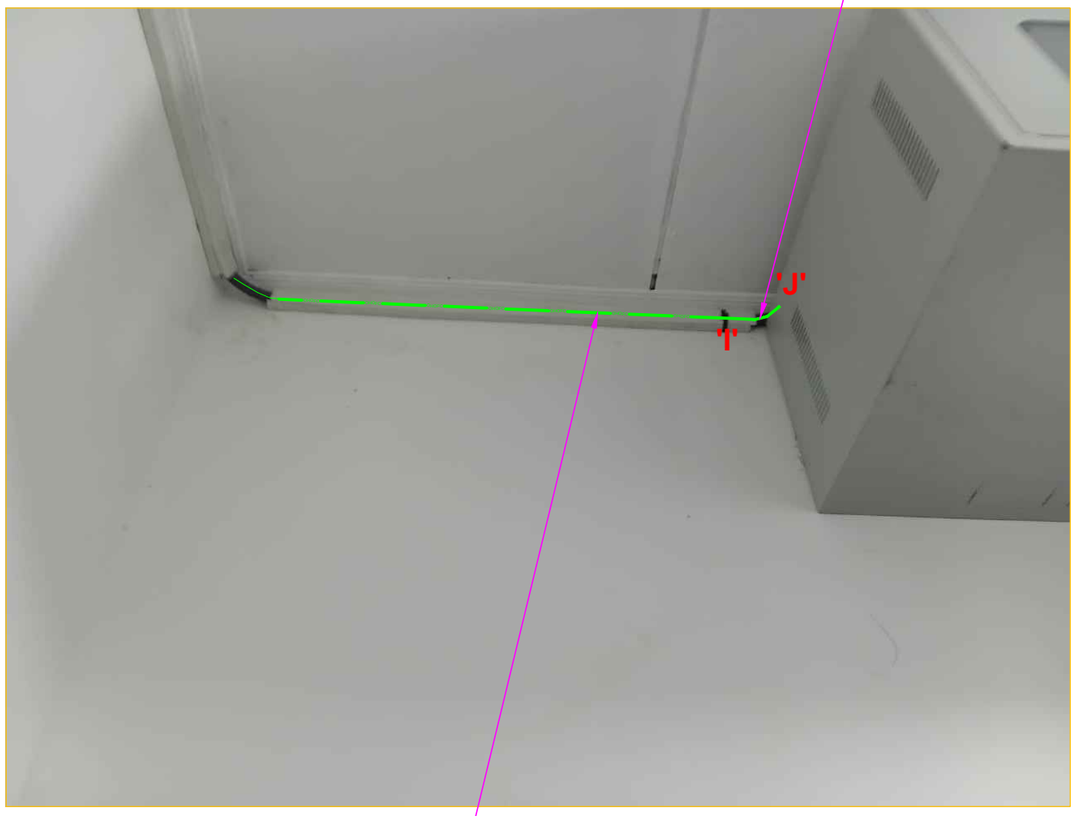
PAGE NO
03 OF 06

(E-F) FLEXIBLE CONDUITS
(INDOOR SPIRAL)
(LENGTH **1.0m**)

(G-H) FLEXIBLE CONDUITS
(INDOOR SPIRAL)
(LENGTH **0.5m**)

(I-J) FLEXIBLE CONDUITS
(INDOOR SPIRAL)
(LENGTH **0.5m**)





(F-G) 1 WAY UPVC CASING 1"
FIX TO WALL WITH RAWL PLUG
(LENGTH-**1.5m**)

(H-I) 1 WAY UPVC CASING 1"
FIX TO WALL WITH RAWL PLUG
(LENGTH-**1m**)

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LUMINEX PLC
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SRI LANKA.

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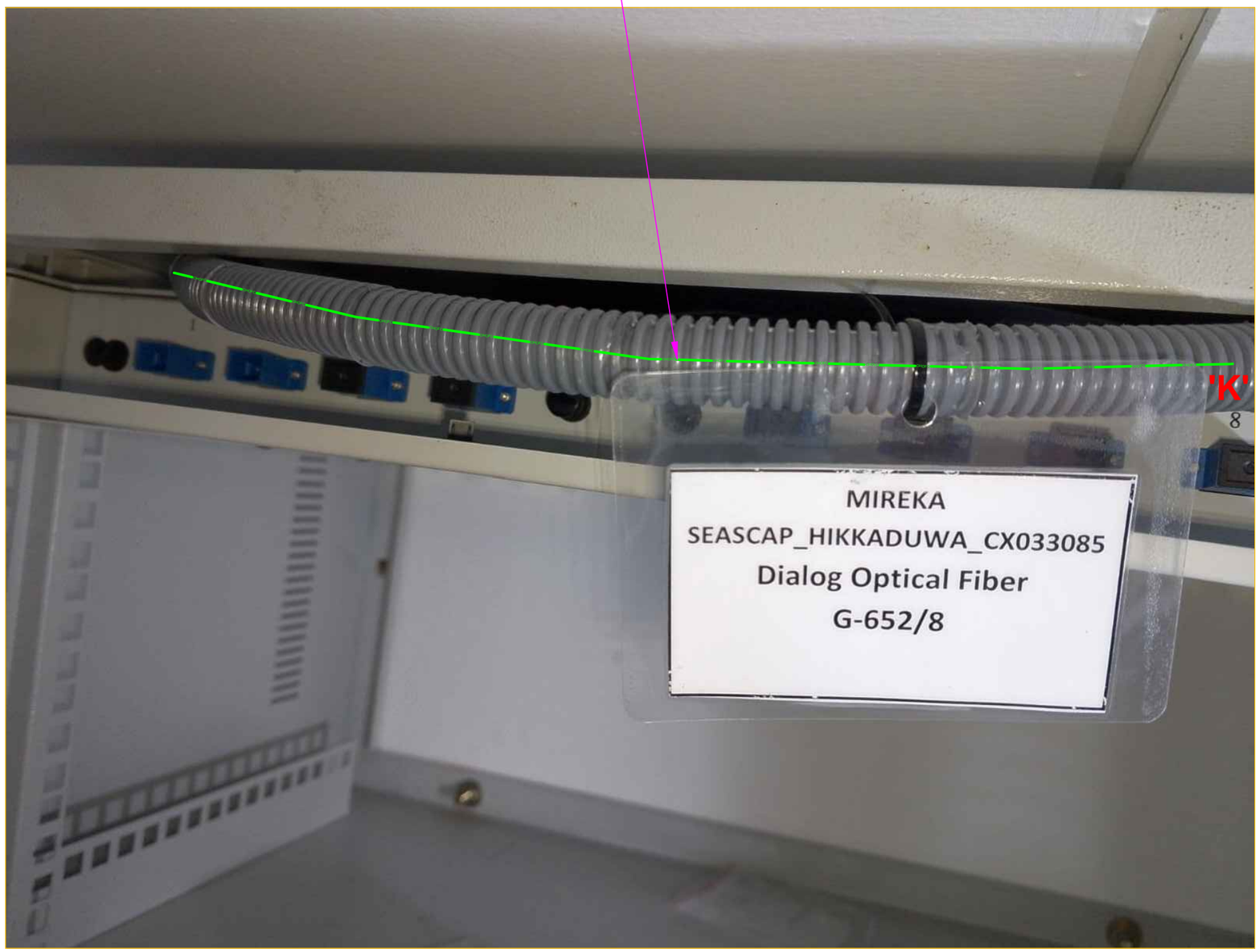
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HIKKADUWA
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PAGE NO
04 OF 06

(J-K) FLEXIBLE CONDUITS
(INDOOR SPIRAL) FOR COIL
(LENGTH **5.0m**)



AS BUILT

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

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

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MIREKA_SEASCAP_HIKKADUWA (CX033085)
414 / 1,DODANDUWA ROAD,CRAWEGODA,
HIKKADUWA
6.09760313768035, 80.13140059760114

SCALE

PAGE NO

DRAWING NO

05 OF 06

RACK SPACE		
Rack space availability at cx location	NO	RACK TYPE WALL MOUNT
Owner of the Rack		
If not Rack space / availability of foot space for new rack	YES	
Special Comment	INDOOR ODF LOCATION	
Snaps of Existing rack or foot space		

AS BUILT

DRAWING TITLE :IBW

CONTRACTOR LOGO

LUMINEX PLC
NO 24, NEW GALLE ROAD
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SRI LANKA.

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DIALOG BROADBAND NETWORKS (PVT) LTD
475, UNION PLACE
COLOMBO-02
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414 / 1,DODANDUWA ROAD,CRAWEGODA,
HIKKADUWA
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SCALE

PAGE NO

DRAWING NO

06 OF 06

OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG ENTERPRISES
SITE CONNECTIVITY

MIREKA SEASCAP_HIKKADUWA (CX033085)

414/1, DODANDUWA ROAD, CRAWEGODA,
HIKKADUWA.
6.097631639877601, 80.13141102100789

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
GA0531/05 ~ DR55	GALLE-COLOMBO ROAD	RDA	AERIAL	440.0m	–	14	–
DR55 ~2R BRACKET	UDUGALPITIYA ROAD	PRADESHIYA SABAHA-RATHGAMA	AERIAL	148.0m	–	04	–
			TOTAL DISTANCE WITHOUT COIL			588.0 m	
			TOTAL DISTANCE WITH COIL			658.0 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

HDD HDD HDD — Existing HDD Path

HDD HDD HDD — Proposed HDD Path

OHOFC — Existing Aerial Path

OHOFC — Proposed Aerial Path

DBN DBN — Existing Open Trench Path

DBN DBN — Proposed Open Trench Path

Feeder Cable

Distribution Cable

Drop Cable

MT OFC MT OFC — Existing Micro Trench Path

MT OFC MT OFC — Proposed Micro Trench Path

Green Hose

PVC / GI

8.0 — Pole with Strut / Existing or Proposed

8.0 — Pole with Stay / Existing or Proposed

8.0 — Pole with Concrete / Existing or Proposed

9.0 — Proposed 9m Pole

6.7 — Proposed 6.7m Pole

8.0 — Proposed 8m Pole

5.8 — Proposed GI Pole

9.0 — Existing 9m Pole

6.7 — Existing 6.7m Pole

8.0 — Existing8m Pole

5.8 — Existing GI Pole

LECO — LECO Pole

ML/HH2/A — Proposed Manhole

WAD-MAT/45/B — Existing Manhole

FTC1 — Existing FTC

FDP1 1 — Existing Pole Mount FDP (With SPliiter #)

FDP1 1 — Existing Under Ground FDP (With splitter #)

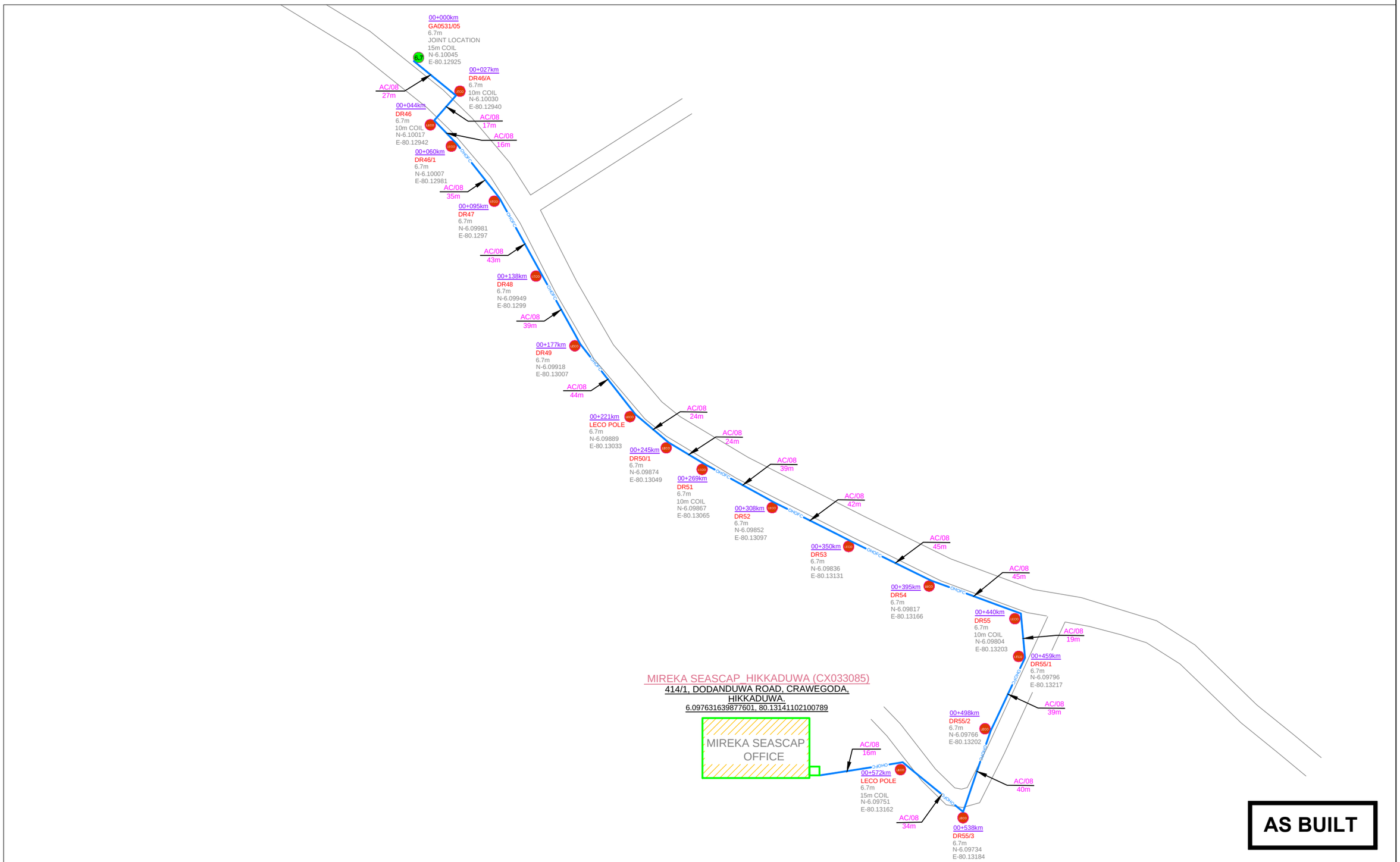
FTC1 — Proposed FTC

FDP1 1 — Proposed Pole Mount FDP (With Splitter #)

FDP1 1 — Proposed Under Ground FDP (With splitter #)

123 — Customer Location (With number of Location)

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



DRAWING TITLE :OSP

CONTRACTOR LOGO

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

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	KOKILA	UDESH
DESIGNATION	DRAU.	TTO.
DATE	2026.05.27	2026.05.27

Dialog

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

	CHECKED BY	ACCEPT BY
NAME / SIGNATURE		
DESIGNATION		
DATE		

MIREKA_SEASCAP_HIKKADUWA (CX033085)
414 / 1,DODANDUWA ROAD,CRAWEGODA,
HIKKADUWA
6.09760313768035, 80.13140059760114

SCALE

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01 OF 01