Optical Fiber Network Project

Final Acceptance Test Report

(OSP & IBW Connectivity)

Initial Details

Project name	Dialog DM Connections
Phase	……
Site ID	GA5093
Site Name	Thalpe_East_Lamp
Site Address	Nigrodharama Temple, Talpe
DAP Region	

Work Completion Details

JFS date	25.03.2026
OSP Completed Date	31.07.2026
IBW Completed Date	31.07.2026
Splicing & Test Completed Date	03.08.2026
Final Acceptance Completed Date (OSP)	12.08.2026
Final Acceptance Completed Date (IBW)	12.08.2026

Contractor		**Client**	
Name	G.Gayan Chaminda Kumara	**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)	08
Road Crossing for 9m Poles Applied	N/A
No of Struts	N/A
No of Stays	N/A
Well beyond RDA Boundary/SLT Poles & Road Edges	N/A
Pole Numbering	Done

Final Acceptance Test Reports

OSP Aerial Method

Description	Completion
No of Poles Erection (As per the Drawing)	08
Road Crossing for 9m Poles applied	N/A
No of Struts	N/A
No of Stays	N/A
No of Concrete Poles	08
Well beyond RDA Boundary/SLT Poles & Road Edges	-
Pole Numbering	Done

Installation of Aerial Cables or Under Ground Cable

Description	Completion
Cable Type (As per the As-Built)	8C fiber cable with 4 core tubes (G.652.d) - Aerial
Cable Distance (Without Coils)	238
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)	3	-
Flexible Conduits Applied for Unprotect ion areas	6.5	-
Neatness (Color Matching, Tie-wraps)	-	Done
Bulk-Head sealing	-	-
ODF Mounted	-	Done
Inner Wire Grounding	-	.
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:

Habaraduwa

Port 15/16 -

GA5093 Thalpe_East _Lamp

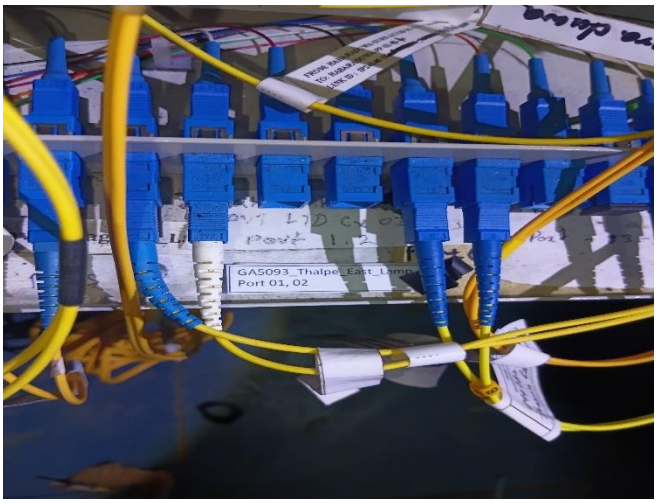


Connected Site:

Thalpe East Lamp

Port 01/02-

Habaraduwa GA0068



Cable Tag-MH-(Laminated_06cmx06cm)

Cable Direction to Connected Site

Thalpe_East _Lamp **GA5093** **Dialog Optical Fiber** **G-652/8**	**Thalpe_East _Lamp** **GA5093** **Type 96f** **Closures** **No.01**









01. GI & PVC Attachment

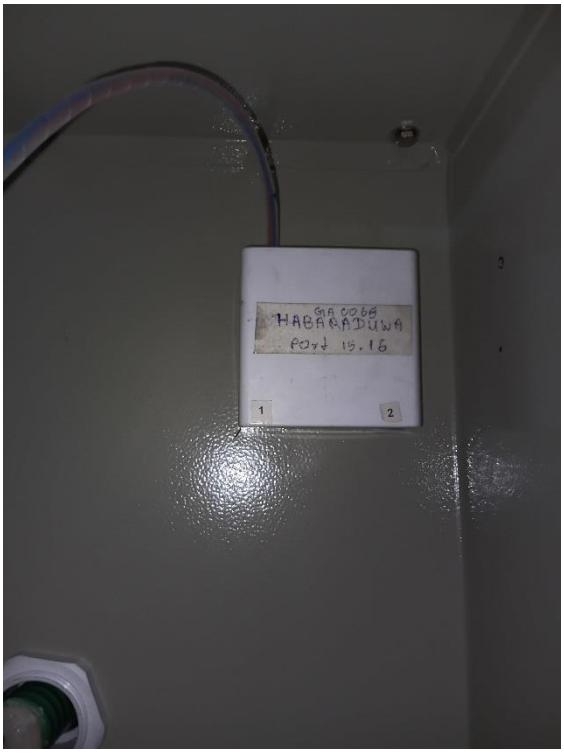


02. Green Hose (25mm) attachment

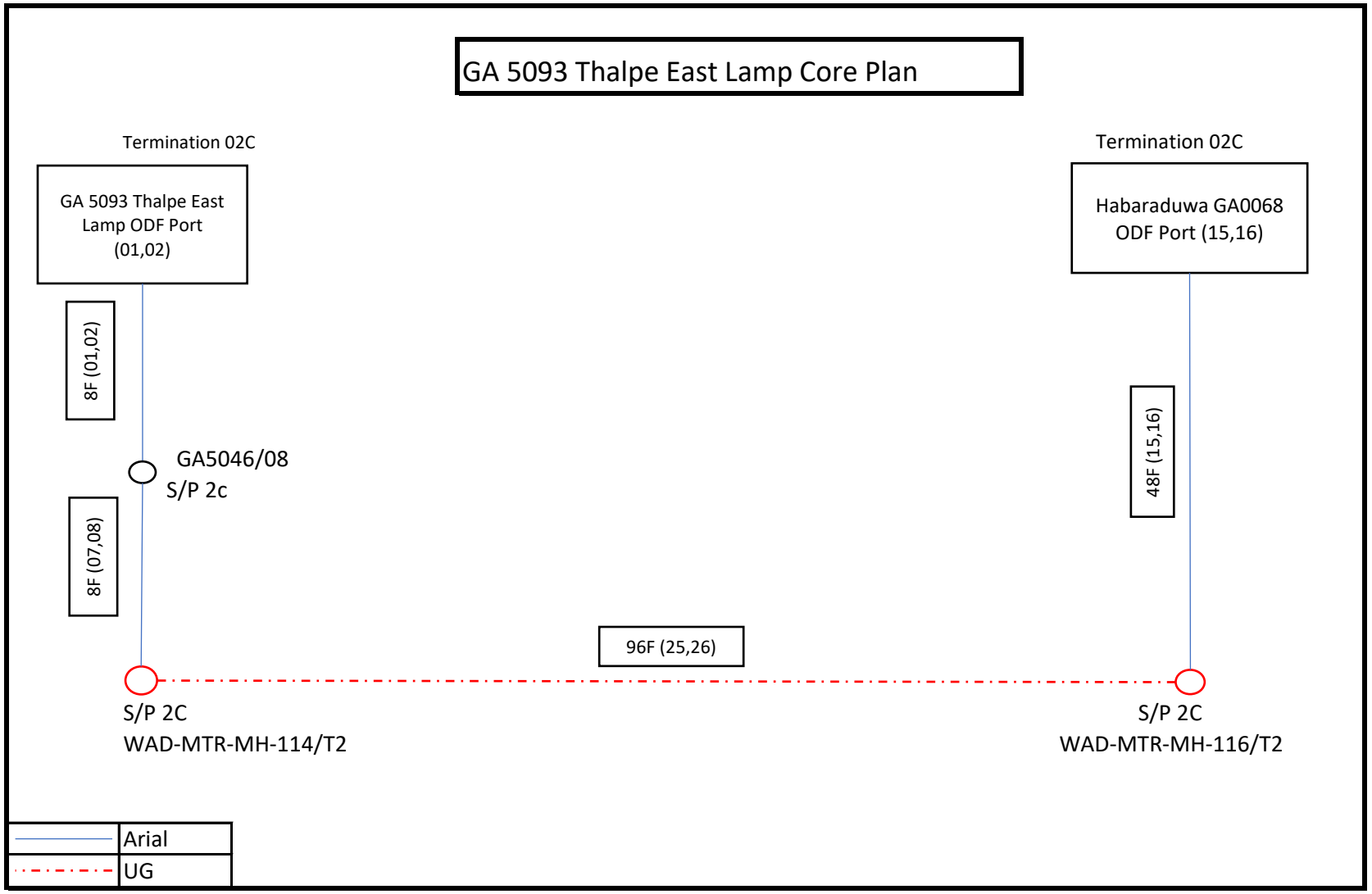


03. ODF Installation Labeling








GA 5093 Thalpe East Lamp Core Plan
Termination 02C
GA 5093 Thalpe East Lamp ODF Port (01,02)
Termination 02C
Habaraduwa GA0068 ODF Port (15,16)
8F (01,02)
GA5046/08
S/P 2c
8F (07,08)
48F (15,16)
96F (25,26)
S/P 2C
WAD-MTR-MH-114/T2
S/P 2C
WAD-MTR-MH-116/T2
Arial
UG

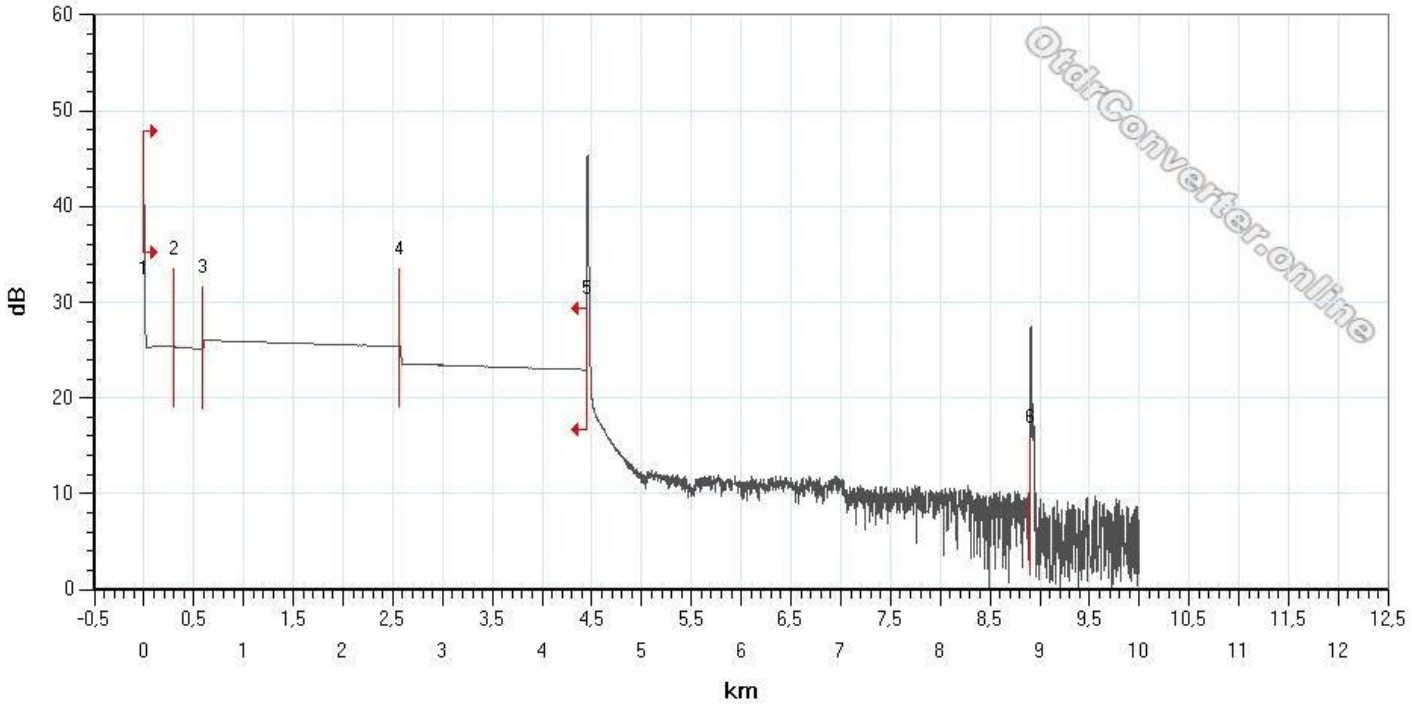
Measurement summary

Main	Date	04/08/2026 02:04
	Locations	UPL, WELCOME HOTEL
	Fiber	Port 01,02
Measurement device	Modules	MAX-730D-SM1-EI (1744537)
	Calibration date	22/08/2023
Parameters	Wave length	1310 nm
	Pulse width	100 ns
	Duration	10 s
	Range	9.978 km
	Resolution	0.625 m

Fiber ID	Wave length (nm)	Total loss (dB)	Total length (km)	Loss/km (dB/km)	File name
Fiber137	1310	2.345	4.453	0.527	Thalpe East Lamp-Habaraduwa port 01.sor
Fiber137	1310	1.92	4.453	0.431	Thalpe East Lamp-Habaraduwa port 02.sor

Fiber "PORT 01"

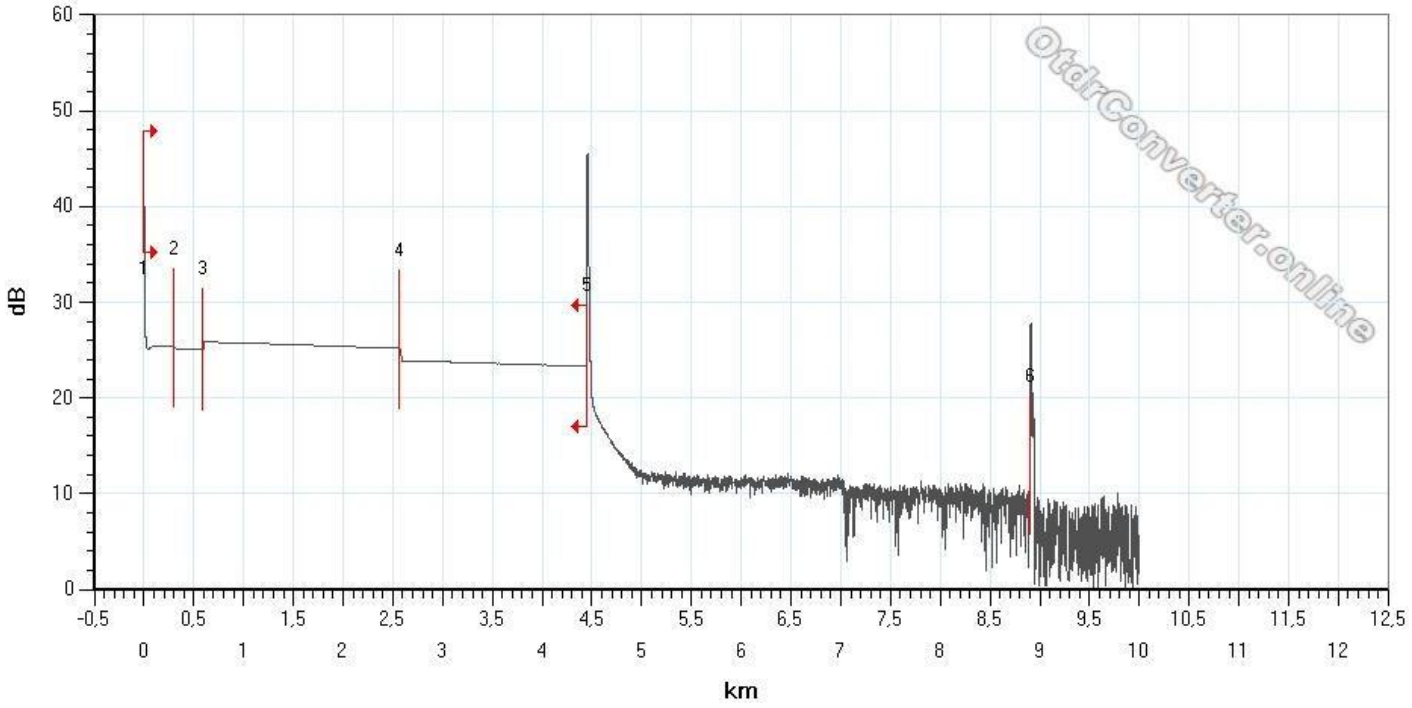
Main	File name	Thalpe East Lamp Habaraduwa port 01.sor
	Type	Bellcore 2.00
	Date	04/08/2026 02:08
	Locations	UPL, WELCOME HOTEL
	Fiber	Port 01
Measurement device	Module	MAX-730D-SM1-EI (1744537)
	Calibration date	22/08/2023
Parameters	Wave length	1310 nm
	Pulse width	100 ns
	Duration	10 s
	Range	10.002 km
	Resolution	0.625 m
Results	Total length	4.453 km
	Total loss	2.345 dB
	Loss/km	0.53 dB/km



Event ID	Type	Distance (km)	Length (km)	Loss (dB)	Reflection (dB)	Sum loss (dB)	Comments
1		0.000	-	0.00	-37.44	0.00	
2		0.303	-	0.03	-	0.03	
3		0.597	-	-0.89	-	-0.74	
4		2.575	-	1.80	-	1.72	
5		4.453	-	0.00	-50.93	2.34	
6		8.902	-	0.00	-44.61	2.34	

Fiber "PORT 02"

Main	File name	Thalpe East Lamp Habaraduwa port 02.sor
	Type	Bellcore 2.00
	Date	04/08/2026 02:04
	Locations	UPL, WELCOME HOTEL
	Fiber	Port 02
Measurement device	Module	MAX-730D-SM1-EI (1744537)
	Calibration date	22/08/2023
Parameters	Wave length	1310 nm
	Pulse width	100 ns
	Duration	10 s
	Range	10.002 km
	Resolution	0.625 m
Results	Total length	4.453 km
	Total loss	1.92 dB
	Loss/km	0.43 dB/km



Event ID	Type	Distance (km)	Length (km)	Loss (dB)	Reflection (dB)	Sum loss (dB)	Comments
1		0.000	-	0.00	-37.44	0.00	
2		0.303	-	0.08	-	0.08	
3		0.597	-	-0.82	-	-0.65	
4		2.576	-	1.28	-	1.32	
5		4.453	-	0.00	-50.48	1.92	
6		8.905	-	0.00	-44.27	1.92	

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	**NO 50, PLAYGROUND ROAD, MATARA**	**Sector**		**Date**	**5/8/2026**
Site	**GA 5093 Thalpe East Lamp**			**Sheet No**	**1**

Section	From **:Habaraduwa GA 0068 ODF1 (15-16)** To : **GA 5093 Thalpe East Lamp ODF-1 (01-02**)

(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	-7.01	-7.01		Actual Distance	4.453
2nd	0.00	-7.01	-7.01		OTDR Distance	4.453 Km
3rd	0.00	-7.01	-7.01		No of Splicing	6
Rep. Calibration Value = Sum (P2-P1) / 3	0.00	-21.03	-7.01		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	-9.73	-7.01	2.72
2	0.00	-9.79	-7.01	2.78

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 0.5dE **2.895**

	TESTED & SUBMITTED BY	ACCEPTED BY
	CONTRACTOR	DIALOG
NAME	G. Gayan Chaminda Kumara	
DESIGNATION	A/E	
SIGNATURE		
DATE	5/8/2026	

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ஹபராதுவை பிரதேச சபை
HABARADUWA PRADESHIYA SABHA

හබරාදුව ප්‍රාදේශීය සභාව, හබරාදුව,
ஹபராதுவை பிரதேச சபை, ஹபராதுவை.
Habaraduwa Pradeshiya Sabha, Habaraduwa.

ඊ මේල්/ ஈ மேல்/E- Mail – habaprasa@gmail.com

සභාපති/தலைவர்/Chairman : 091 2283276
ෆැක්ස් අංකය/பக்ஸ் இலக்கம்/Fax No. : 091 2283276
ප්‍රධාන කාර්යාලය/முதல் காரியாலயம்/Head Office : 091 2283302
අහංගම උප කාර්යාලය/அகங்கமை பிரதி காரியாலயம்/
Ahangama Sub Office : 091 3922021

මගේ අංකය / எனது இல / My No. } හබ / ප්‍රාස / සැ / 2 /2026 / 4 /15

ඔබේ අංකය / உங்கள் இல / Your No. }

දිනය / திகதி / Date } 2026.07. 13

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(ජාලකරණ සංවර්ධන හා මෙහෙයුම්),

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<u>ෆයිබර් සම්බන්ධතාවයක් ලබා ගැනීම සඳහා මාර්ගය පලුදු කිරීම සම්බන්ධවයි.</u>

උක්ත කරුණ සම්බන්ධව ඔබගේ අංක OFN/WLA/HPS/26/209 හා 2025.05.26 දිනැතිව මා වෙත යොමු කරන ලද ඉල්ලීම් ලිපිය හා බැඳේ.

02. ඒ අනුව මේ සම්බන්ධව තාක්ෂණ නිලධාරී විසින් පරීක්ෂා කර මා වෙත වාර්තා කර ඇති පරිදි ෆයිබර් සම්බන්ධතාව ලබා ගැනීම සඳහා තල්පෙ නීග්‍රෝධාරාම මාර්ගය පලුදු කර කණු 09 ක් සිටුවීමට යෝජනා වී ඇත. ඒ සඳහා මාර්ග පලුදු කිරීමේ ගාස්තු වලට යටත්ව හා උක්ත මාර්ගයේ සංවර්ධන කටයුතු සිදුවන අවස්ථාවකදී ඔබ ආයතනයේ වියදමින් එම කණු ඉවත් කර නැවත ස්ථානගත කිරීමේ කොන්දේසියට යටත්ව මාර්ගය පලුදු කර කණු 09ක් සිටුවීම සඳහා අනුමැතිය ලබා දෙමි. තවද මාර්ග පලුදු කිරීමේ ගාස්තුව වශයෙන් රු.1176.00 ක (එක්දහස් එකසිය හැත්තෑ හයක) මුදලක් හබරාදුව ප්‍රාදේශීය සභාව වෙත තැන්පත් කරන ලෙස කාරුණිකව දන්වා සිටිමි.

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ජංගම දුරකථන අංකය - 077 - 8773833

ඊ- මේල් ලිපිනය - irekadilrukshi74@gmail.com

වට්ස් ඇප් අංකය - 077 – 8773833

OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG ENTERPRISES
SITE CONNECTIVITY

THALPE_EAST_LAMP- GA5093

NIGRODARAMA TEMPLE, THALPE
(5.998510 80.286080)

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
A ~ D	–	–	ATTACHMENT	–	4.5m	–	–
–	–	–	–	–	–	–	–
				TOTAL DISTANCE WITHOUT COIL		4.5 m	
				TOTAL DISTANCE WITH COIL		9.5 m	

AS BUILT DRAWING FOR
IBW

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

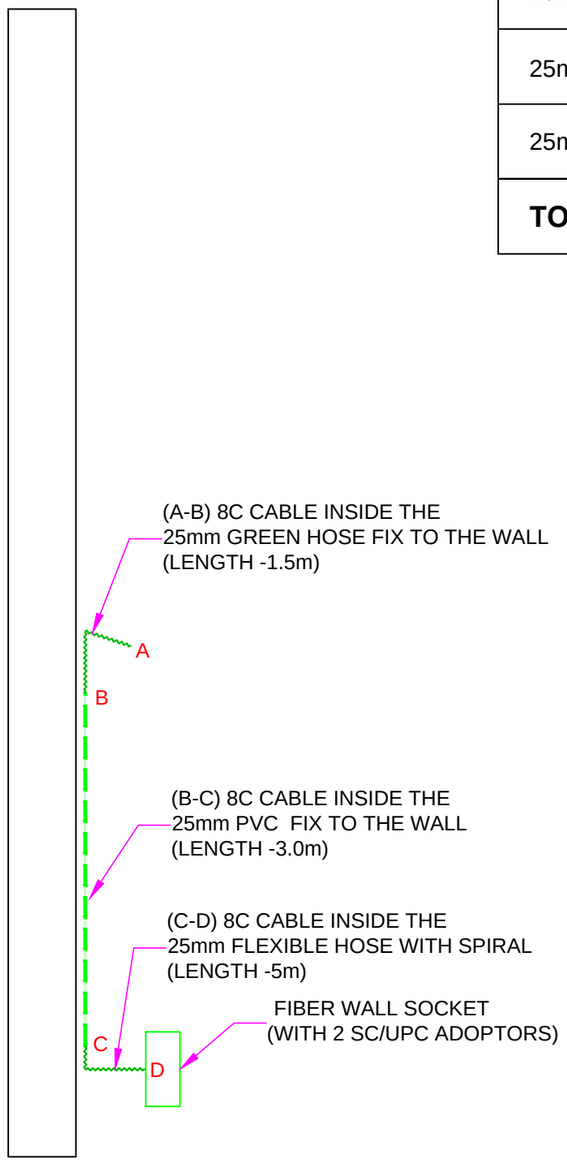
LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
SRI LANKA.

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
- Green Hose
- PVC / GI
- 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
- 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)

CONSTRUCTION MTDS	DISTANCE
25mm GREEN HOSE	1.5m
25mm PVC	3.0m
25mm FLEXIBLE HOSE	5.0m
TOTAL DISTANCE	**9.5m**



AS BUILT

DRAWING TITLE : IBW

CONTRACTOR LOGO

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

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	KOKILA	GAYAN
DESIGNATION	DRAU.	A.Eng.
DATE	2026.08.06	2026.08.06

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

	CHECKED BY	ACCEPT BY
NAME / SIGNATURE		
DESIGNATION		
DATE		

THALPE_EAST_LAMP- GA5093
NIGRODARAMA TEMPLE, THALPE
(5.998510 80.286080)

SCALE

PAGE NO

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01 OF 02

(A-B) 8C CABLE INSIDE THE
25mm GREEN HOSE FIX TO THE WALL
(LENGTH -1.5m)

(B-C) 8C CABLE INSIDE THE
25mm PVC FIX TO THE WALL
(LENGTH -3.0m)

(C-D) 8C CABLE INSIDE THE
25mm FLEXIBLE HOSE WITH SPIRAL
(LENGTH -5m)





FIBER WALL SOCKET
(WITH 2 SC/UPC ADOPTORS)

AS BUILT

DRAWING TITLE : IBW

CONTRACTOR LOGO

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

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	KOKILA	GAYAN
DESIGNATION	DRAU.	A.Eng.
DATE	2026.08.06	2026.08.06

Dialog

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

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NAME / SIGNATURE		
DESIGNATION		
DATE		

THALPE_EAST_LAMP- GA5093
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OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG ENTERPRISES
SITE CONNECTIVITY

THALPE_EAST_LAMP- GA5093

NIGRODARAMA TEMPLE, THALPE
(5.998510 80.286080)

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
GA 5046/08 ~ LAMP POLE	NIGRODARAMA TEMPLE ROAD	PRADESHIYA SABHA	AERIAL	–	233.5m	–	–
–	–	–	–	–	–	–	–
			TOTAL DISTANCE WITHOUT COIL			233.5 m	
			TOTAL DISTANCE WITH COIL			293.5 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

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 #)

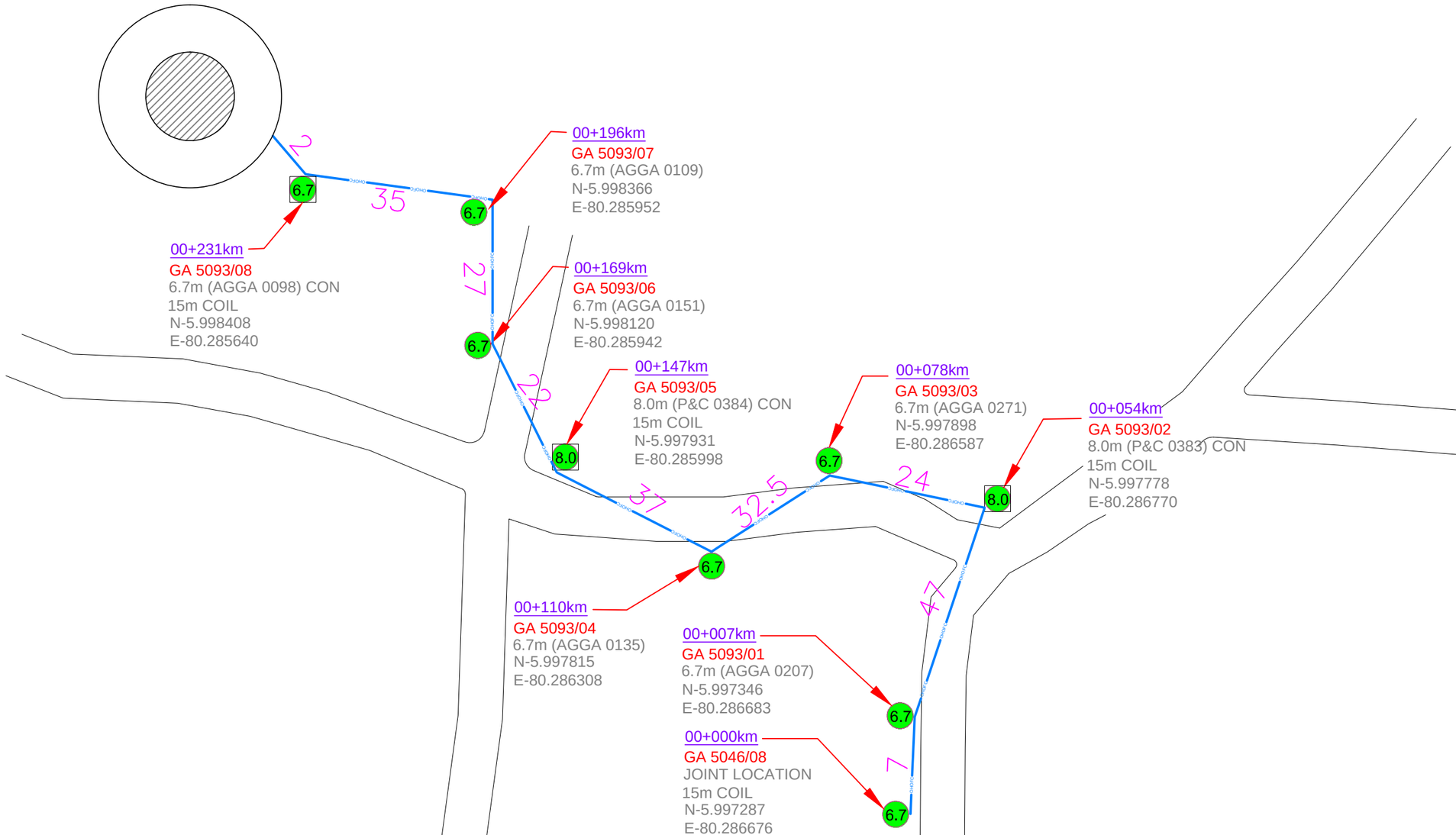
123 Customer Location (With number of Location)

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

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AS BUILT

DRAWING TITLE :OSP

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