Optical Fiber Network Project

Final Acceptance Test Report

(OSP & IBW Connectivity)

Initial Details

Project name	Dialog DM Connections
Phase	Phase IV
Site ID	CM9019
Site Name	Seethawaka Regency EBTS
Site Address	No.295, Avissawella Road, Avissawella
DAP Region	

Work Completion Details

JFS date	11.02.2026
OSP Completed Date	21.08.2026
IBW Completed Date	21.08.2026
Splicing & Test Completed Date	24.08.2026
Final Acceptance Completed Date (OSP)	
Final Acceptance Completed Date (IBW)	

Contractor		**Maintenance Team**		**Client**	
Name	Ishan	**Name**	Saman	**Name**	Champika Rathnakantha
Designation	Technical Officer	**Designation**	Technical Officer	**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)	05
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)	187.0 m
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	-
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)	1.0	Done
GI length (Length/Size)	-	-
PVC Length (Length/Size)	93.5	Done
Flexible Conduits Applied for Unprotecting areas	5.5	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 SEETHAWAKA REGENCY CM9019

SEETHAWAKA SOUTH CM0162 G652-8-1-2

ODF Labeling (Connectivity) (Laminated)

Site East – SEETHAWAKA SOUTH CM0162	Connected Site SEETHAWAKA REGENCY CM9019	Site West –
SEETHAWAKA REGENCY CM9019 G652-8-7-8	SEETHAWAKA SOUTH CM0162 G652-8-1-2	

Cable Tag-MH-(Stainless Steel_06cmx06cm)

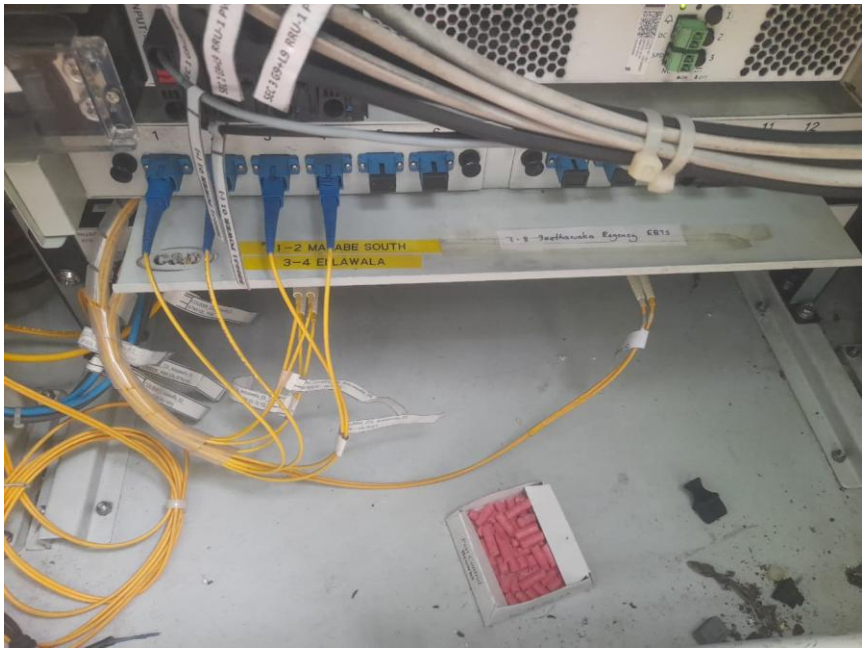
Cable Direction to Connected Site



Photographs (Special Locations)



01. ODF Labeling



02. Peer Site Labeling

OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG MOBILE
SITE CONNECTIVITY

SEETHAWAKA_REGENCY_EBTS
CM9019

NO.295, AVISSAWELLA ROAD, AVISSAWELLA.
(6.944640,80.198820)

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
KOT-AWI 1036 ~ CM9019 - 01	COLOMBO - RATNAPURA ROAD (A4)	RDA	EXISTING AERIAL PATH	–	23.0 m	01	–
CM9019 - 01 ~ CM9019 - 05	PRIVATE ROAD	CUSTOMER	AERIAL PATH	51.0 m	–	03	–
CM9019 - 02 ~ CM9019 - 03	COLOMBO - AWISSAWELLA RAILWAY LINE	SLR - PANNIPITIYA	CABLE CROSSING	8.0 m	–	–	–
				TOTAL DISTANCE WITHOUT COIL		82.0 m	
				TOTAL DISTANCE WITH COIL		107.0 m	

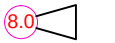
AS BUILT DRAWING FOR OSP

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

LUMINEX PLC
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

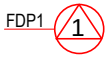
WAD-MAT/45/B



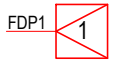
Existing Manhole



Existing FTC



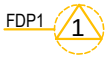
Existing Pole Mount FDP (With SPliiter #)



Existing Under Ground FDP (With splitter #)



Proposed FTC



Proposed Pole Mount FDP (With Splitter #)



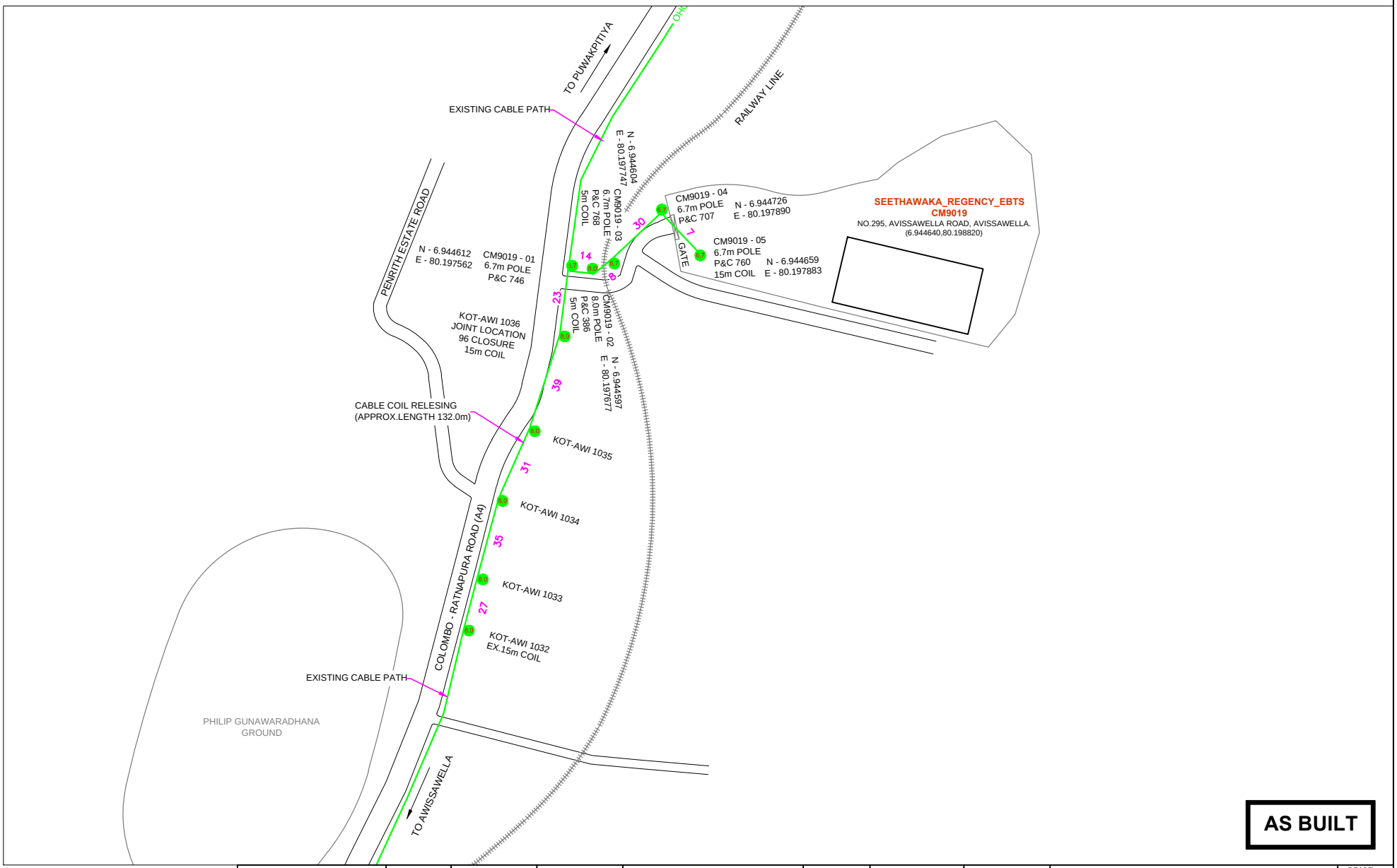
Proposed Under Ground FDP (With splitter #)



Customer Location (With number of Location)



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



AS BUILT

DRAWING TITLE :OSP

CONTRACTOR LOGO

LUMINEX PLC

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

	DRAWN BY	CHECKED BY
NAME / SIGNATURE	PRABATH	ISHAN
DESIGNATION	DRAU.	TO
DATE	2026.08.27	2026.08.27

Dialog

DIALOG BROADBAND NETWORKS (PVT) LTD
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COLOMBO-02
SRI LANKA

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NAME / SIGNATURE		
DESIGNATION		
DATE		

SEETHAWAKA_REGENCY_EBTS
CM9019
NO.295, AVISSAWELLA ROAD, AVISSAWELLA.
(6.944640,80.198820)

SCALE

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OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG MOBILE
SITE CONNECTIVITY

SEETHAWAKA_REGENCY_EBTS
CM9019

NO.295, AVISSAWELLA ROAD, AVISSAWELLA.
(6.944640,80.198820)

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
A - B	_	-	ATTACHMENT (R/UP)	5.0 m	_	01	_
B - C	_	-	OPEN TRENCH	1.0 m	_	_	_
C - N	_	-	ATTACHMENT	99.0 m	_	_	_
				TOTAL DISTANCE WITHOUT COIL		105.0 m	
				TOTAL DISTANCE WITH COIL		135.0 m	

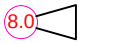
AS BUILT DRAWING FOR
IBW

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

LUMINEX PLC
LUMINEX PLC
NO. 24, NEW GALLE ROAD
MORATUWA
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LEGEND FOR OFN DRAIWNG

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- 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

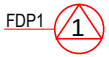
WAD-MAT/45/B



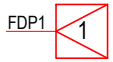
Existing Manhole



Existing FTC



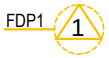
Existing Pole Mount FDP (With SPliiter #)



Existing Under Ground FDP (With splitter #)



Proposed FTC



Proposed Pole Mount FDP (With Splitter #)



Proposed Under Ground FDP (With splitter #)

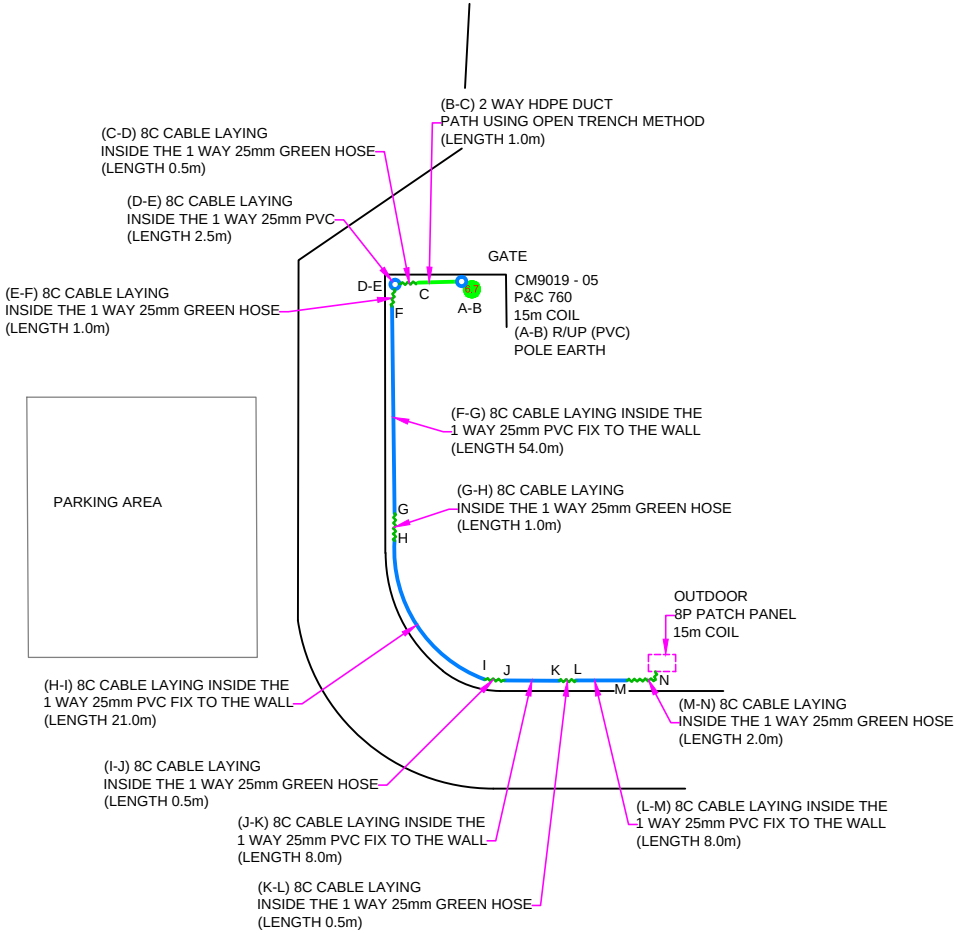


Customer Location (With number of Location)



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

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R/UP (PVC)	5.0m
40mm HDPE	1.0m
25mm GREEN HOSE	5.5m
25mm PVC	93.5m
TOTAL DISTANCE	105.0m

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	PRABATH	ISHAN
DESIGNATION	DRAU.	TO
DATE	2026.08.27	2026.08.27

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COLOMBO-02
SRI LANKA

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DATE		

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NO.295, AVISSAWELLA ROAD, AVISSAWELLA.
(6.944640,80.198820)

SCALE

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CM9019 - 05
P&C 760
15m COIL
(A-B) R/UP (PVC)
POLE EARTH





(E-F) 8C CABLE LAYING
INSIDE THE 1 WAY 25mm GREEN HOSE
(LENGTH 1.0m)

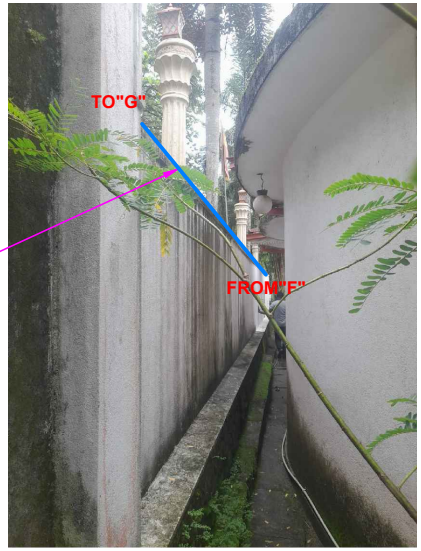
(D-E) 8C CABLE LAYING
INSIDE THE 1 WAY 25mm PVC
(LENGTH 2.5m)

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

(B-C) 2 WAY HDPE DUCT
PATH USING OPEN TRENCH
METHOD
(LENGTH 1.0m)

(G-H) 8C CABLE LAYING
INSIDE THE 1 WAY 25mm GREEN HOSE
(LENGTH 1.0m)

(F-G) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FIX TO THE WALL
(LENGTH 54.0m)





AS BUILT

DRAWING TITLE :IBW

CONTRACTOR LOGO

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

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NAME / SIGNATURE	PRABATH	ISHAN
DESIGNATION	DRAU.	TO
DATE	2026.08.27	2026.08.27

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NO.295, AVISSAWELLA ROAD, AVISSAWELLA.
(6.944640,80.198820)

SCALE

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02 OF 03

(H-I) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FIX TO THE WALL
(LENGTH 21.0m)









(I-J) 8C CABLE LAYING
INSIDE THE 1 WAY 25mm GREEN HOSE
(LENGTH 0.5m)

AS BUILT

DRAWING TITLE :IBW

CONTRACTOR LOGO

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

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CM9019
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(6.944640,80.198820)

DRAWING NO

SCALE

PAGE NO
02 OF 03

(K-L) 8C CABLE LAYING
INSIDE THE 1 WAY 25mm GREEN HOSE
(LENGTH 0.5m)

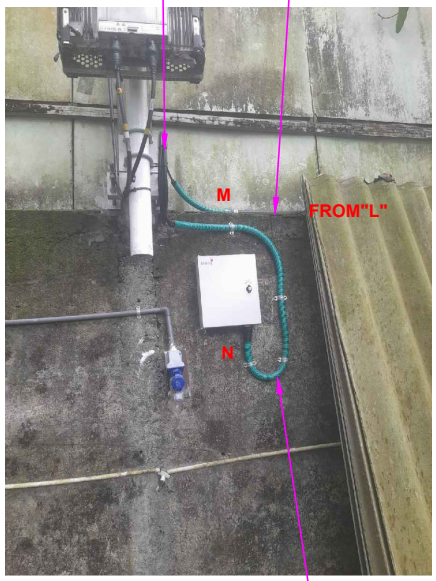


(J-K) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FIX TO THE WALL
(LENGTH 8.0m)



15m COIL

(L-M) 8C CABLE LAYING INSIDE THE
1 WAY 25mm PVC FIX TO THE WALL
(LENGTH 8.0m)



(M-N) 8C CABLE LAYING
INSIDE THE 1 WAY 25mm GREEN HOSE
(LENGTH 2.0m)



OUTDOOR
8P PATCH PANEL

AS BUILT

DRAWING TITLE :IBW

CONTRACTOR LOGO

LUMINEX PLC

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

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NAME / SIGNATURE	PRABATH	ISHAN
DESIGNATION	DRAU.	TO
DATE	2026.08.27	2026.08.27

Dialog

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475, UNION PLACE
COLOMBO-02
SRI LANKA

	CHECKED BY	ACCEPT BY
NAME / SIGNATURE		
DESIGNATION		
DATE		

SEETHAWAKA_REGENCY_EBTS
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(6.944640,80.198820)

DRAWING NO

SCALE

PAGE NO

02 OF 03

File

File :	port 1.sor	Device :	MT9083A2-07 Num. 0
Date :	8/21/2026 1:15:46 PM	Module :	6C00044723

Configuration

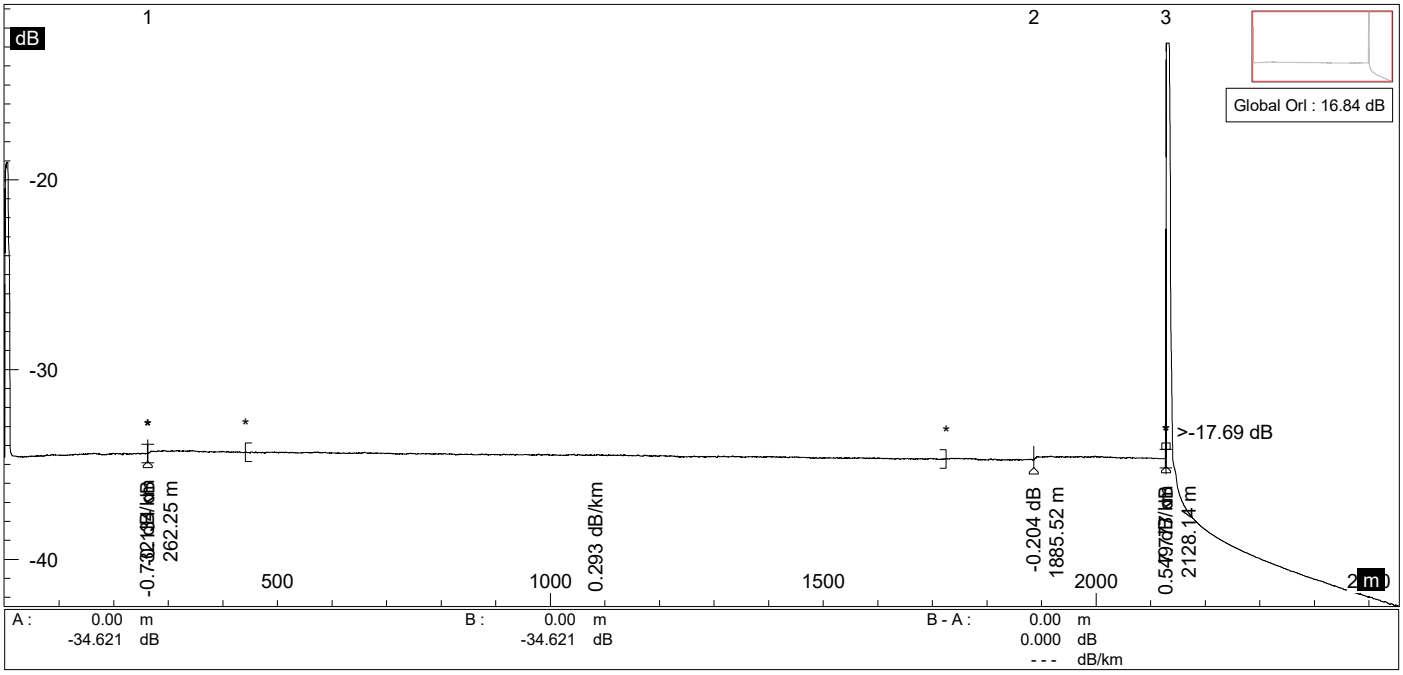
Operator :		Direction :	A-->B	Backscatter coeff.: -78.50 dB
LOCATION A		Location A :		
Cable :		Location B :		
Fiber :	5355 5355	Wavelength (nm) :	1310	
Color :		Index :	1.467700	
LOCATION B		Pulse (ns) :	50	
Cable :		Range (km) :	2.555	
Fiber :	5355 5355	Average :	4096	
Color :		Resolution :	-	

Comment

Comment :

Job

OTDR Trace



File

File : port 1.sor Device : MT9083A2-07 Num. 0
Date : 8/21/2026 1:15:46 PM Module : 6C00044723

Table

Event (3)	Distance (m)	Loss (dB)	Reflectance (dB)	Slope (dB/km)	Rel. Dist. (m)	Section loss (dB)	Total loss (OTDR) (dB)	Uncertainty
1	262.25	-0.134		-0.732	262.25	-0.192	-0.192	Two points
2	1885.52	-0.204		0.293	1623.27	0.476	0.150	Two points
3	2128.14	7.777	>-17.69	0.549	242.63	0.133	0.079	Two points

File

File :	port 2.sor	Device :	MT9083A2-07 Num. 0
Date :	8/21/2026 1:16:43 PM	Module :	6C00044723

Configuration

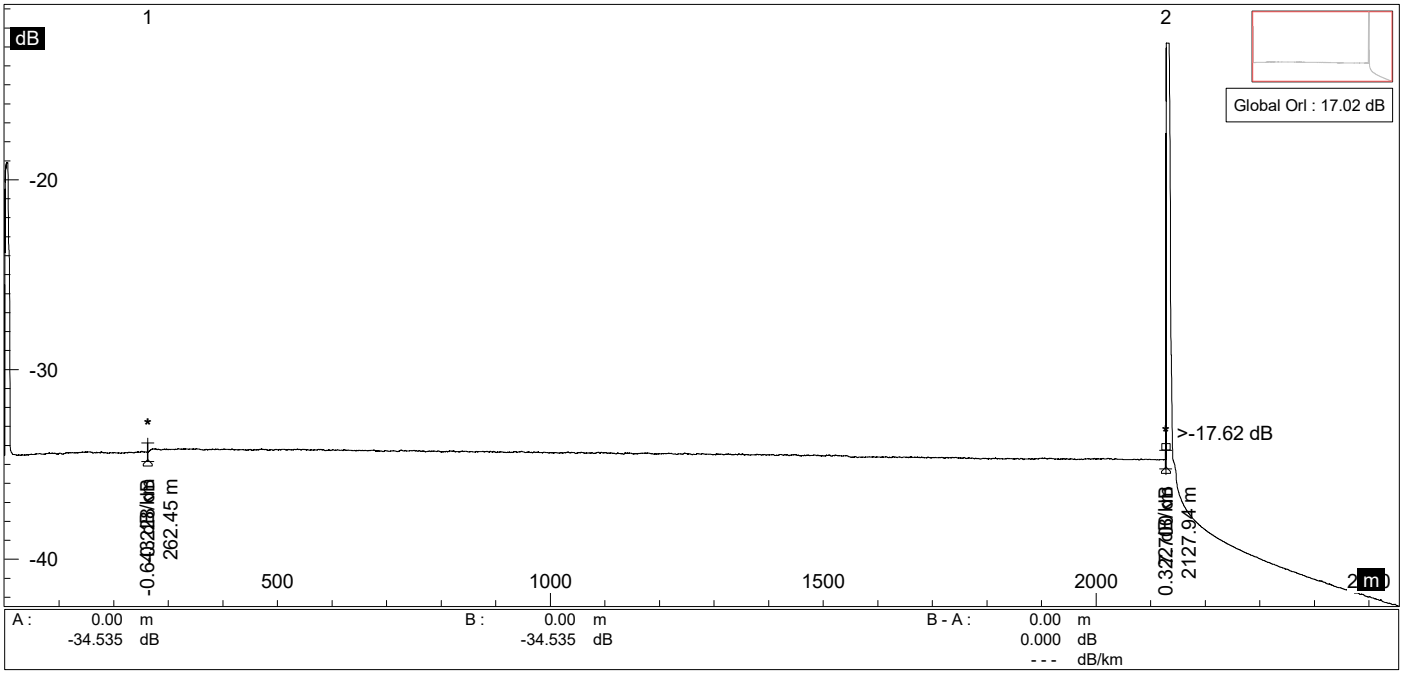
Operator :		Direction :	A-->B	Backscatter coeff.: -78.50 dB
LOCATION A		Location A :		
Cable :		Location B :		
Fiber :	5355 5355	Wavelength (nm) :	1310	
Color :		Index :	1.467700	
LOCATION B		Pulse (ns) :	50	
Cable :		Range (km) :	2.555	
Fiber :	5355 5355	Average :	4096	
Color :		Resolution :	-	

Comment

Comment :

Job

OTDR Trace



File

File :	port 2.sor	Device :	MT9083A2-07 Num. 0
Date :	8/21/2026 1:16:43 PM	Module :	6C00044723

Table

Event (2)	Distance (m)	Loss (dB)	Reflectance (dB)	Slope (dB/km)	Rel. Dist. (m)	Section loss (dB)	Total loss (OTDR) (dB)	Uncertainty
1	262.45	-0.228		-0.643	262.45	-0.169	-0.169	Two points
2	2127.94	7.700	>-17.62	0.322	1865.48	0.601	0.204	Two points

දුරකථනය
தொலைபேசி
Telephone } 421281

යොමු අංකය
தொலைபேசி அழைப்பு
Reference No. } GD.530/S.E.(L)/44/2026

විෂය
விடயம்
Subject } .....

ශ්‍රී ලංකා දුම්රිය සේවය
இலங்கை புகையிரத சேவை
SRI LANKA RAILWAYS

GMF 35 B

ප්‍රධාන ඉංජිනේරු කාර්යාලය
பிரதான பொறியியலாளர் அலுவலகம்
Chief Engineer's Office
I. D. R. විජේවර්ධන මාවත,
I. ரு. ஆர். விஜேவர்தன மாவத்தை,
I. D. R. Wijeyawardana Mawatha,
කැ. පෙ. 370,
த. பெ. 370,
P. O. Box 370,
කොළඹ
கொழும்பு
Colombo } 2026.08.05

Mr. Nalin Manoratna,
Head – Transport Network Development &
Operations - Technology DevOps,
Dialog Broadband Networks (pvt) Ltd (PV 261),
475, Union Place,
Colombo 02.

මහත්මයාණනි,

Dialog National Optical Fiber Network Development Project.
Requesting Permission to lay Optical Fiber Cables.
(Near Avissavella Railway Station).

උක්ත කරුණ සම්බන්ධයෙන් මාගේ සමාංක දරණ 2026.07.06 දිනැති ලිපිය මගින් දැනුම් දුන් පරිදි ඔබ විසින් රුපියල් තුන්ලක්ෂ හැට නවදහස් විසි හතයි ශත හයක් (රු. 369,027.06ක්) දුම්රිය සාමාන්‍යාධිකාරි, මහජන බැංකුව, නගර මධ්‍ය ශාඛාවේ අංක 176100159027316 දරණ ගිණුමට බැර කර ලබා ගත් අංක G/26 061803 දරණ 2026.07.30 දිනැති මුදල් භාර ගැනීමේ කුවිතාන්සිය මා වෙත ඉදිරිපත් කර තිබේ.

02. එම කුවිතාන්සිය ද මෙම ලිපිය සමඟ ඔබ වෙත යොමු කරන අතර ඉදිරි කටයුතු සිදු කිරීමට අදාළ නිලධාරීන් හට උපදෙස් දෙනු ලැබේ.

පරිපාලන නිලධාරී,
(මාර්ග/කර්මාන්ත).

ජේ.ඒ.එස්. ගුණවර්ධන
පරිපාලන නිලධාරී (වැ.බ.)
ප්‍රධාන ඉංජිනේරු (මාර්ග හා කර්මාන්ත) කාර්යාලය
ඩී.ආර්. විජේවර්ධන මාවත,
කොළඹ 10.

අත්. කළේ. : ඉංජිනේරු ඊ. එම්. එස්. පී. කේ. දිඟල
ප්‍රධාන ඉංජිනේරු (මාර්ග/කර්මාන්ත).

පිටපත් :

1. අධිකාරි ඉංජිනේරු (මධ්‍යම), ඔබගේ යොමු අංක W01/TP/PAN/2026/02 දරණ 2026.05.27 දිනැති ලිපිය අනුව. - කරු.දැ.ගැ.ස./අ.ක.ස.
(ඉල්ලුම්කරු විසින් සම්පූර්ණ ඇස්තමේන්තු මුදල ගෙවා ඇති බැවින් මාගේ සමාංක දරණ 2026.07.06 දිනැති ලිපියේ සඳහන් කොන්දේසි අනුව මෙම කාර්ය සිදු කළ යුතු අතර වැඩ නිම කර, අවසන් ගාස්තු සමඟ නිම කළ දිනය මා වෙත දන්වන්න. කුමන හේතුවක් මත හෝ මෙම ඇස්තමේන්තු මුදල නොඉක්ම විය යුතු ය.)

2. ප්‍රධාන ඉංජිනේරු (සංඥා හා විදුලි සන්දේශ), ඔබගේ යොමු අංක WB/EST/2026/10257 දරණ 2026.06.25 දිනැති ලිපිය අනුව. - කරු.දැ.ගැ.ස. /අ.ක.ස.

3. ප්‍රධාන මූල්‍ය නිලධාරී, වැය ශීර්ෂය - 030-2026-035.
4. දුම්රිය ගණකාධිකාරි (මාර්ග/කර්මාන්ත). - කරු.දැ.ගැ.ස.

5. නියෝජ්‍ය වාණිජ අධිකාරි, ඉඩම් අංශය. - කරු.දැ.ගැ.ස. /අ.ක.ස.
(මාගේ සමාංක දරණ 2026.07.06 දිනැති ලිපිය මගින් දැනුම් දුන් පරිදි ඉල්ලුම්කරු විසින් වසර 5ක් සඳහා එකවර අය කරන බදු මුදල් ද ගෙවා ඇති බැවින් මට ද පිටපතක් සහිතව බදුකරයට අදාළ ලිපිය නිකුත් කරන්නේ නම් මැනවි).

6. අධීක්ෂණ කළමනාකරු (ස්ථිර මාර්ග) - පන්නිපිටිය. - කරු.දැ.ගැ.ස. /අ.ක.ස.

CamScanner