Optical Fiber Network Project

Final Acceptance Test Report

(OSP & IBW Connectivity)

Initial Details

Project name	Dialog DM Connections
Phase	……
Site ID	GA0316
Site Name	GALLE CITY CENTER
Site Address	GALLE CITY CENTER SHOPPING COMPLEX, OLD MATARA ROAD, GALLE
DAP Region	

Work Completion Details

JFS date	29.01.2026
OSP Completed Date	17.03.2026
IBW Completed Date	17.03.2026
Splicing & Test Completed Date	17.03.2026
Final Acceptance Completed Date (OSP)	01.06.2026
Final Acceptance Completed Date (IBW)	01.06.2026

Contractor		**Client**	
Name	Gayan	**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	Done	Done	Done	Done

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	Done	Done	Done	Done

OSP-Aerial Method

Description	Completion
No of Poles Erection (As per the Drawings)	1
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	Yes

Final Acceptance Test Reports

OSP Aerial Method

Description	Completion
No of Poles Erection (As per the Drawing)	1
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	Yes

Installation of Aerial Cables or Under Ground Cable

Description	Completion
Cable Type (As per the As-Built)	8C ADSS Fiber cable
Cable Distance (Without Coils)	686
No of Cable coil Points (in poles & HH)	4
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)	21	Done
GI length (Length/Size)	-	-
PVC Length (Length/Size)	52	-
GI Flexible Applied for Unprotect ion areas	12	-
Neatness (Color Matching, Tie-wraps)	-	Done
Bulk-Head sealing	-	Done
FDP Mounted	-	Done
Inner Wire Grounding	-	Done
FDP Grounding	-	-
FDP Sealing	-	Done
FDP Labeling (Connected Site & Peer Sites)	-	Done
Cable Tags	-	Done
Cable Neatness & Spirals)	-	Done

Standard Formats

FDP Labeling (Laminated)

Peer Site:

Ethiligoda - GA0161.

Madiha West_MR0254

Port 01/02- Galle City Center_GA0316

Port 03/04- Galle City Center_GA0316



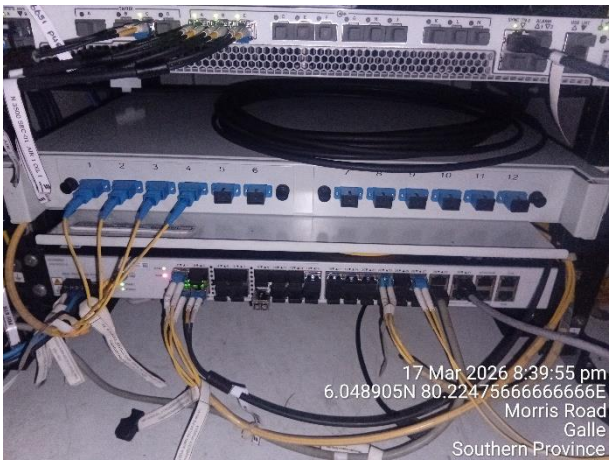
Connected Site:

Galle City Center FDP

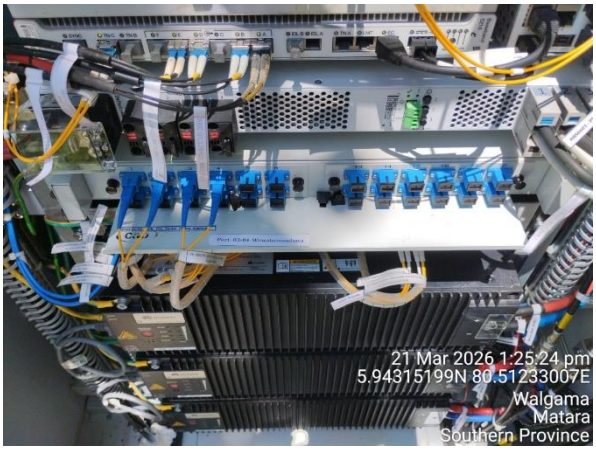
Port 01/02- Ethiligoda_GA0161

Port 03/04- Madiha West_MR0254











Cable Tag-MH-(Laminated_06cmx06cm)

Cable Direction to Connected Site

Photographs (Special Locations)

01. GI & PVC Attachment









02. Green Hose (25mm) attachment



03. FDP Installation Labeling



Luminex PLC	**END TO END LOSS MEASUREMENTS BY OPTICAL POWER METER & SOURCE**	**Form No :**	Dialog

ISLANDWIDE OPTICAL FIBER BACKBONE NETWORK PROECT

Road	**Matara - Galle**	**Sector**		**Date**	**6/2/2026**
Site	**GA0316 Galle_City_Center_Indoor**			**Sheet No**	**1**

Section	From **:GA0316 Galle_City_Center_Indoor - ODF1(01-02)**	To : **Eththiligoda GA0161 ODF-1 (01-02)**
Section	From **:GA0316 Galle_City_Center_Indoor - ODF1(03-04)**	To : **Madiha_West MR0254 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	
1st	0.00		0.00		Actual Distance	
2nd	0.00		0.00	Patching	OTDR Distance	
3rd	0.00		0.00		No of Splicing	
Rep. Calibration Value = Sum (P2-P1) / 3	0.00	0.00	0.00		Wave Length	

(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	Live		#VALUE!
2	0.00	Live		#VALUE!
3	0.00	Live		
4	0.00	Live		

Port N	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.

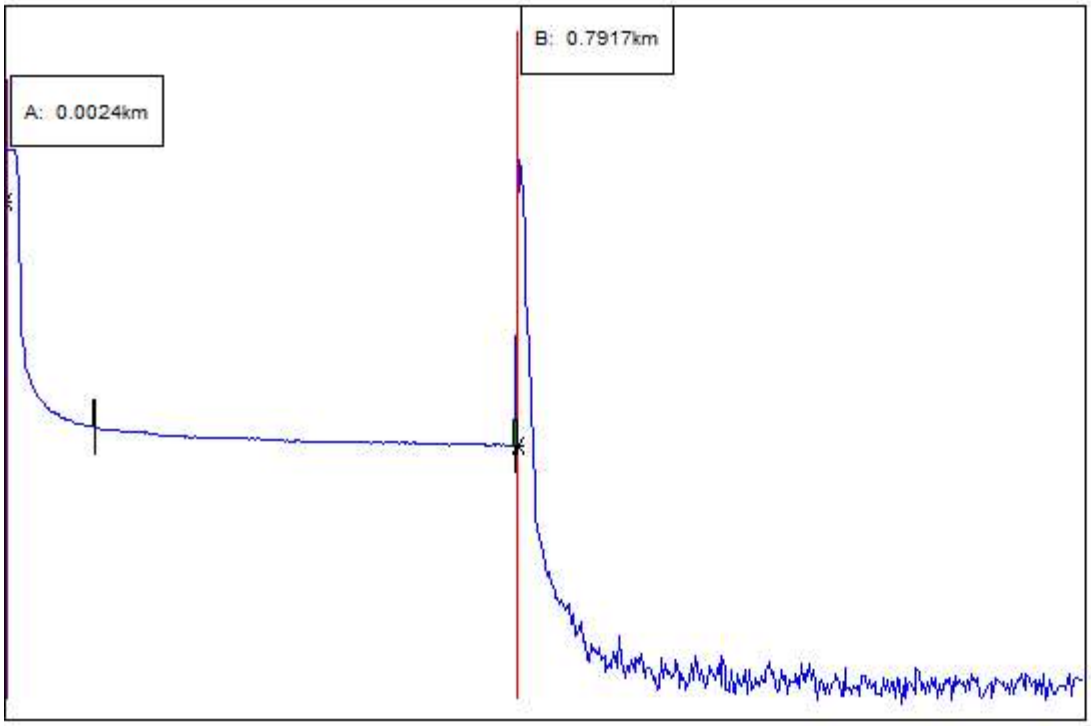
5.Acceptable link loss (0.40 x Fiber length in KM) + 0.1x No. of splices + connectors loss (2 **2.895**

	TESTED & SUBMITTED BY	ACCEPTED BY
	CONTRACTOR	DIALOG
NAME	Udesh Pushpakumara	
DESIGNATION	T/O	
SIGNATURE		
DATE	6/2/2026	

OTDR Report

WaveLength : 1310 nm
PulseWidth : 80 ns
Average Times : 5
Helix : 1.00000
Date : 2026.03.16 19:57:26
File Name : C:\Users\DELL\Downloads\New folder (16)\GCC-1.SOR

Range : 1.6 km
Att. :
IOR : 1.47200
Test Type : Standard



Distance of A-B : 0.7892 km
Attenuation of A-B : 4.427 dB/km
Splice :

Loss of A-B : 12.248 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	0.1387	4.892	0.357	--------	0.679
2	Fiber End	0.7917	0.893	--------	38.211	1.449

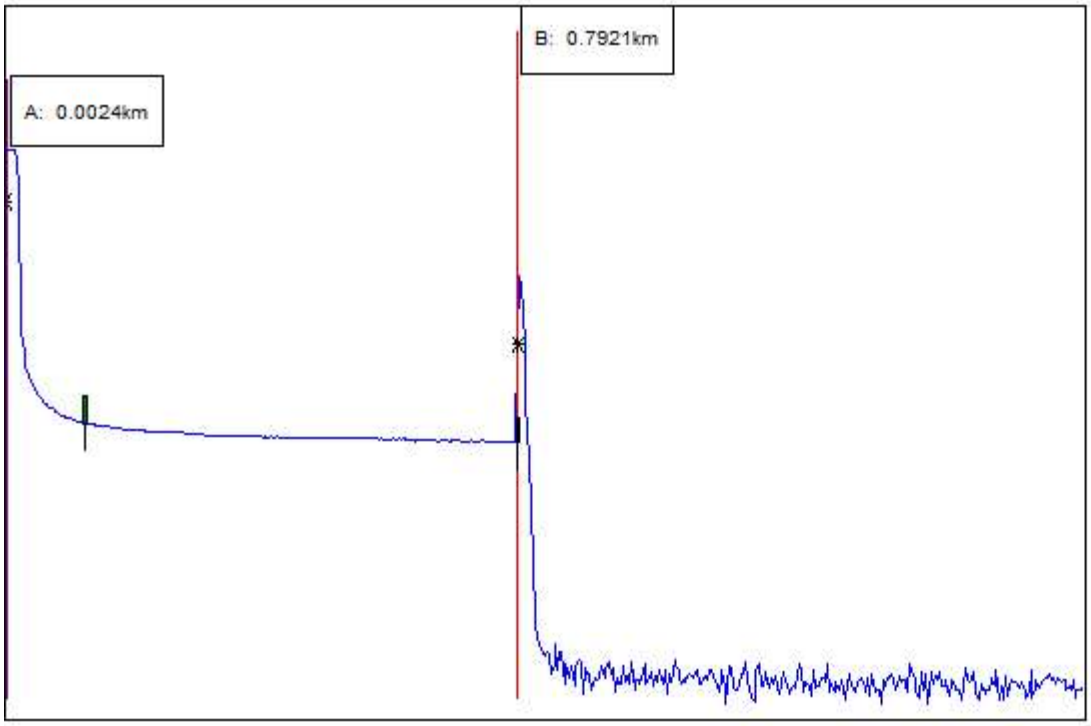
Cable ID : CID
Cable Code : CCD
OL : Start
Comment : Comment
Operator : Operator

Fiber ID : FID
Data Flag : BC
TL : End

OTDR Report

WaveLength : 1310 nm
PulseWidth : 80 ns
Average Times : 5
Helix : 1.00000
Date : 2026.03.16 19:58:15
File Name : C:\Users\DELL\Downloads\New folder (16)\gcc-2.SOR

Range : 1.6 km
Att. :
IOR : 1.47200
Test Type : Standard



Distance of A-B : 0.7896 km
Attenuation of A-B : 4.331 dB/km
Splice :

Loss of A-B : 12.171 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	0.1264	7.245	0.394	--------	0.916
2	Fiber End	0.7921	0.903	--------	48.264	1.751

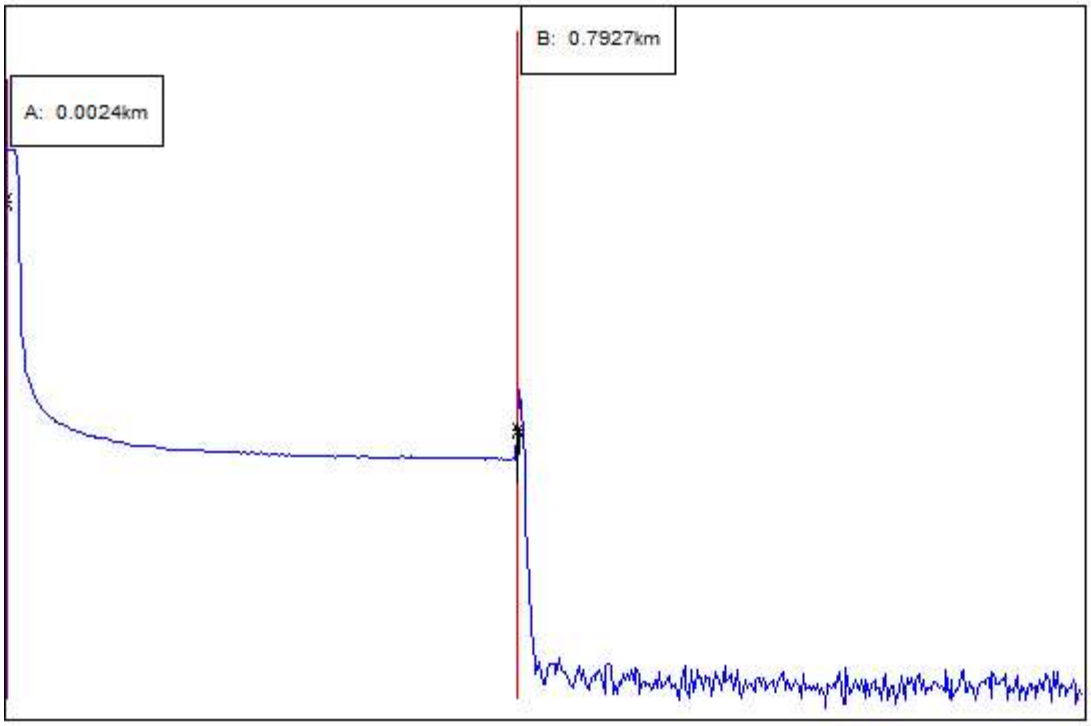
Cable ID : CID
Cable Code : CCD
OL : Start
Comment : Comment
Operator : Operator

Fiber ID : FID
Data Flag : BC
TL : End

OTDR Report

WaveLength : 1310 nm
PulseWidth : 80 ns
Average Times : 5
Helix : 1.00000
Date : 2026.03.16 19:59:02
File Name : C:\Users\DELL\Downloads\New folder (16)\gcc-3.SOR

Range : 1.6 km
Att. :
IOR : 1.47200
Test Type : Standard



Distance of A-B : 0.7902 km
Attenuation of A-B : 4.869 dB/km
Splice :

Loss of A-B : 12.651 dB
Reflect:
Event Threshold : 0.05

Event Table

No	Event Type	Distance(km)	Atten.(dB/km)	Splice(dB)	Reflect(dB)	Link(dB)
1	Fiber End	0.7927	0.509	--------	57.968	0.404

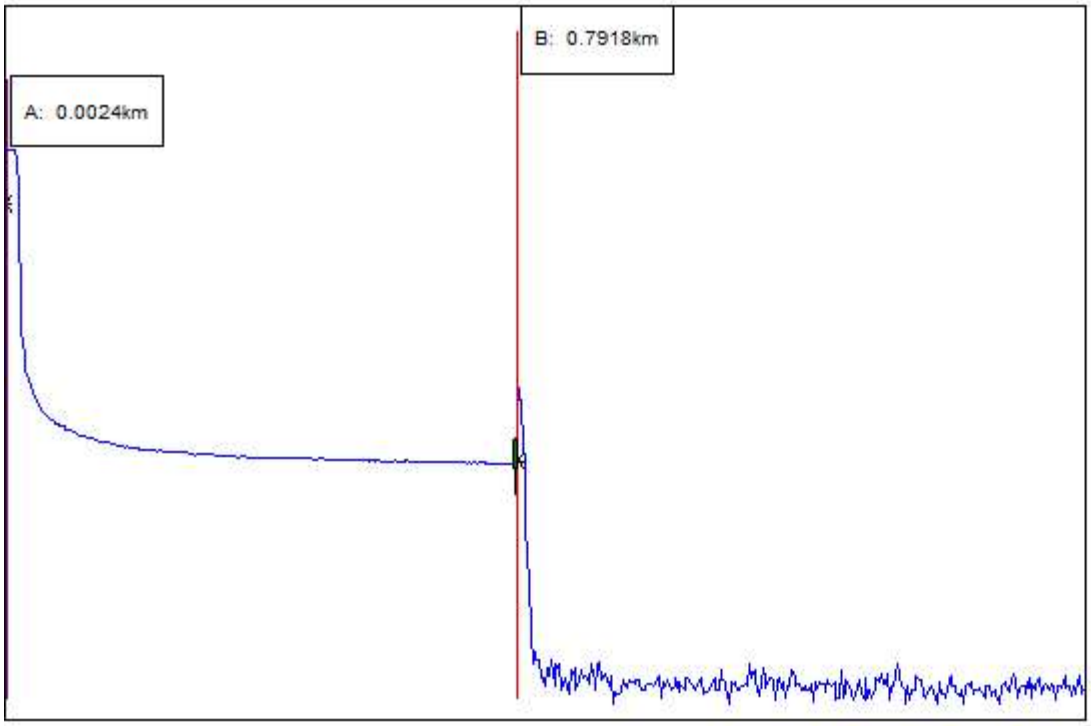
Cable ID : CID
Cable Code : CCD
OL : Start
Comment : Comment
Operator : Operator

Fiber ID : FID
Data Flag : BC
TL : End

OTDR Report

WaveLength : 1310 nm
PulseWidth : 80 ns
Average Times : 5
Helix : 1.00000
Date : 2026.03.16 19:59:44
File Name : C:\Users\DELL\Downloads\New folder (16)\gcc-4.SOR

Range : 1.6 km
Att. :
IOR : 1.47200
Test Type : Standard



Distance of A-B : 0.7893 km
Attenuation of A-B : 5.009 dB/km
Splice :

Loss of A-B : 13.105 dB
Reflect:
Event Threshold : 0.05

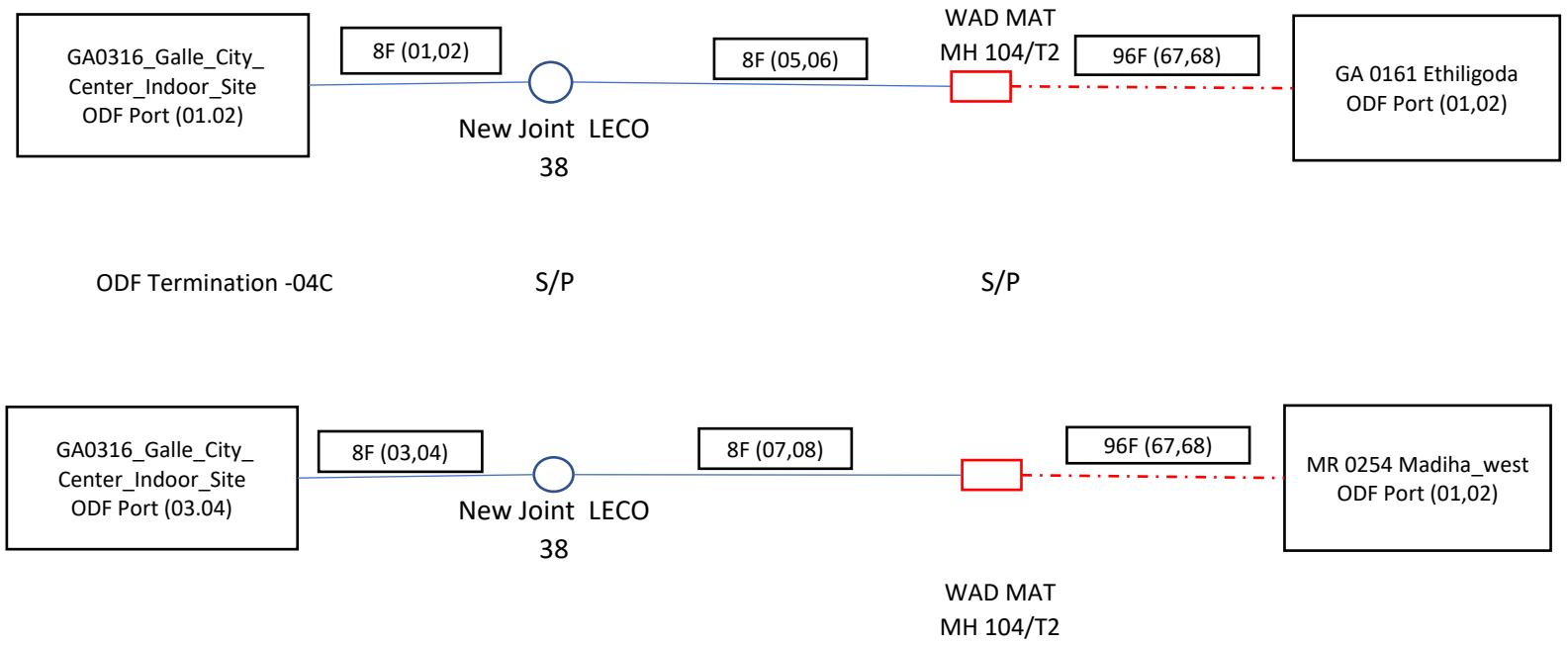
Event Table

No	Event Type	Distance(km)	Atten.(dB/km)	Splice(dB)	Reflect(dB)	Link(dB)
1	Fiber End	0.7918	0.567	--------	57.044	0.449

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

Fiber ID : FID
Data Flag : BC
TL : End

GA0316_Galle_City_Center_Indoor_Site Core Plan



	UD
	Arial

OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG ENTERPRISES
SITE CONNECTIVITY

GALLE CITY CENTER - GA0316

OLD MATARA ROAD,GALLE 80000
(6.037477, 80.224863)

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
A ~ P	–	GCC	ATTACHMENT	–	85.0 m	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
			TOTAL DISTANCE WITHOUT COIL		85.0 m		
			TOTAL DISTANCE WITH COIL		95.0 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

Proposed Flexible Conduit (out door/indoor)

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

LECO — LECO POLE

9.0 — Existing 9m Pole

6.7 — Existing 6.7m Pole

8.0 — Existing8m Pole

5.8 — Existing GI 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 #)

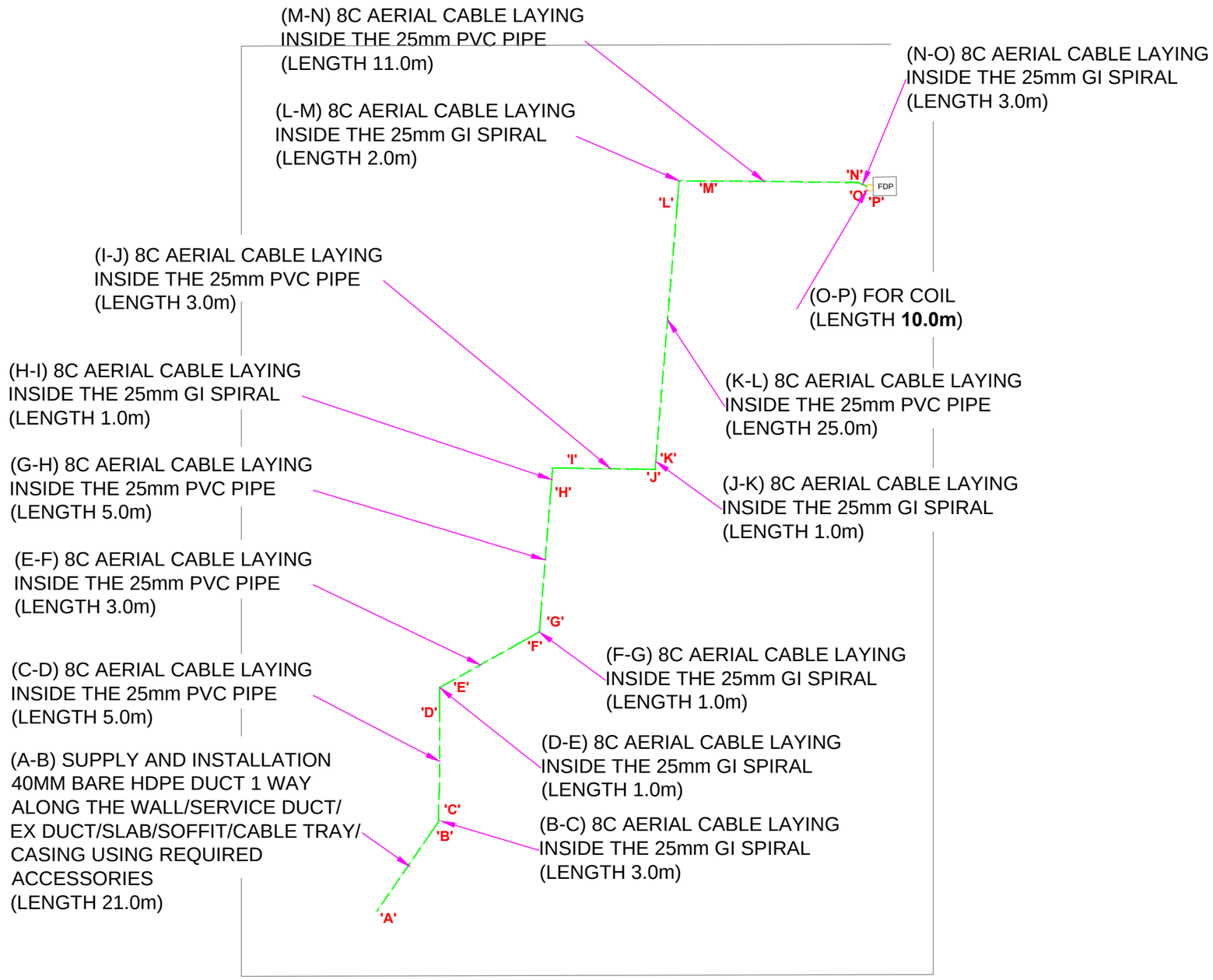
FTC1 — Proposed FTC

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

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

123 — Customer Location (With number of Location)

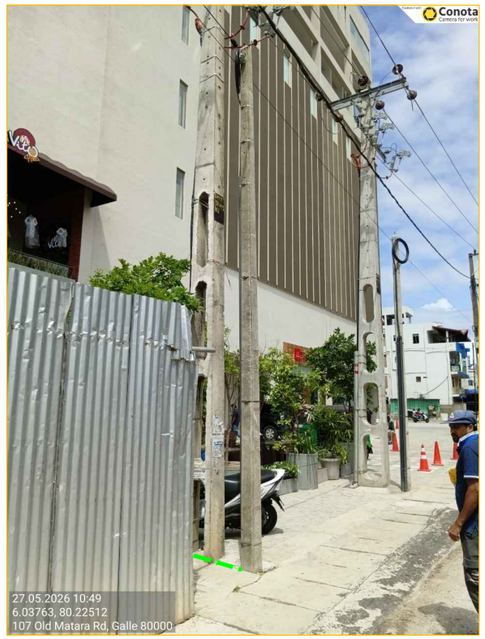
Proposed HDD Pit (L-1.0m x W-1.0m x H-1.5m)

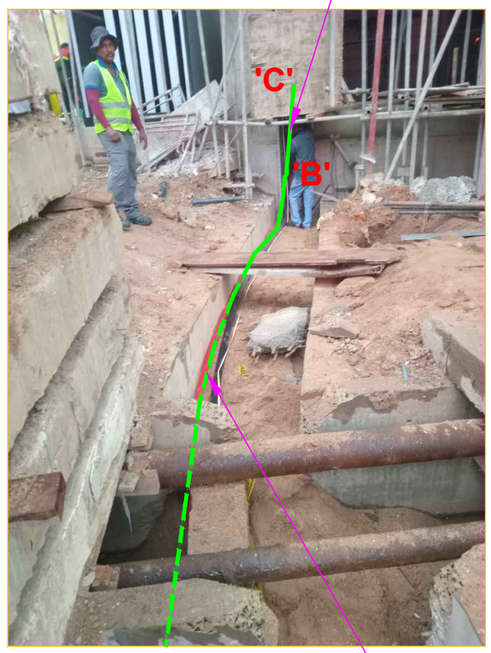


AS BUILT

CONTRACTOR LOGO LUMINEX PLC NO. 24, NEW GALLE ROAD MORATUWA SRI LANKA.		DRAWN BY	CHECKED BY	Dialog DIALOG BROADBAND NETWORKS (PVT) LTD 475, UNION PLACE COLOMBO-02 SRI LANKA		CHECKED BY	ACCEPT BY	**GALLE CITY CENTER - GA0316** **OLD MATARA ROAD,GALLE 80000** **(6.037477, 80.224863)**	SCALE
	NAME / SIGNATURE	KOKILA	UDESH		NAME / SIGNATURE				
	DESIGNATION	DRAU.	TTO.		DESIGNATION			DRAWING NO	PAGE NO
	DATE	2026.05.28	2026.05.28		DATE				01 OF 06

(B-C) 8C AERIAL CABLE LAYING
INSIDE THE 25mm GI SPIRAL
(LENGTH 3.0m)





(A-B) SUPPLY AND INSTALLATION
40MM BARE HDPE DUCT 1 WAY
ALONG THE WALL/SERVICE DUCT/
EX DUCT/SLAB/SOFFIT/CABLE TRAY/
CASING USING REQUIRED
ACCESSORIES
(LENGTH 21.0m)

AS BUILT

CONTRACTOR LOGO		DRAWN BY	CHECKED BY			CHECKED BY	ACCEPT BY		SCALE
LUMINEX PLC NO. 24, NEW GALLE ROAD MORATUWA SRI LANKA.	NAME / SIGNATURE	KOKILA	UDESH	DIALOG BROADBAND NETWORKS (PVT) LTD 475, UNION PLACE COLOMBO-02 SRI LANKA	NAME / SIGNATURE			**GALLE CITY CENTER - GA0316** **OLD MATARA ROAD,GALLE 80000** **(6.037477, 80.224863)**	
	DESIGNATION	DRAU.	TTO.		DESIGNATION				PAGE NO
	DATE	2026.05.28	2026.05.28		DATE			DRAWING NO	02 OF 06

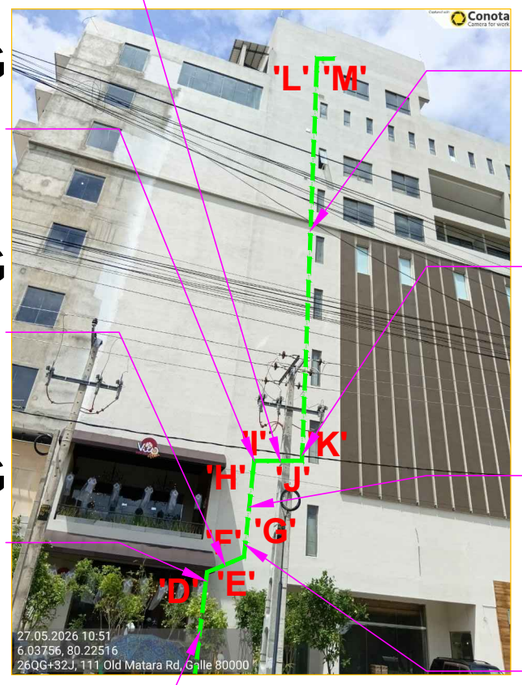
(I-J) 8C AERIAL CABLE LAYING INSIDE THE 25mm PVC PIPE (LENGTH 3.0m)

(H-I) 8C AERIAL CABLE LAYING INSIDE THE 25mm GI SPIRAL (LENGTH 1.0m)

(E-F) 8C AERIAL CABLE LAYING INSIDE THE 25mm PVC PIPE (LENGTH 3.0m)

(D-E) 8C AERIAL CABLE LAYING INSIDE THE 25mm GI SPIRAL (LENGTH 1.0m)

(C-D) 8C AERIAL CABLE LAYING INSIDE THE 25mm PVC PIPE (LENGTH 5.0m)



(K-L) 8C AERIAL CABLE LAYING INSIDE THE 25mm PVC PIPE (LENGTH 25.0m)

(J-K) 8C AERIAL CABLE LAYING INSIDE THE 25mm GI SPIRAL (LENGTH 1.0m)

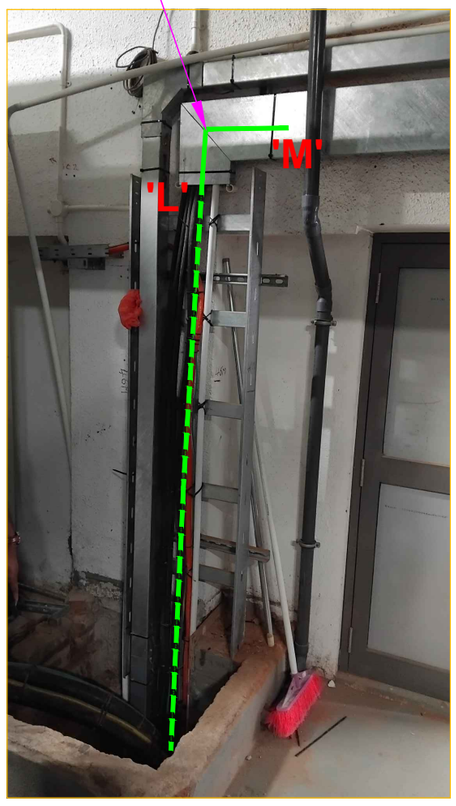
(G-H) 8C AERIAL CABLE LAYING INSIDE THE 25mm PVC PIPE (LENGTH 5.0m)

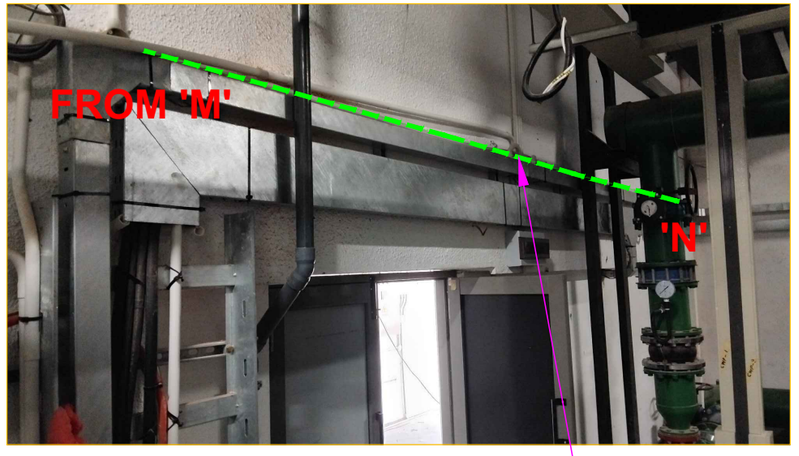
(F-G) 8C AERIAL CABLE LAYING INSIDE THE 25mm GI SPIRAL (LENGTH 1.0m)

AS BUILT

CONTRACTOR LOGO		DRAWN BY	CHECKED BY			CHECKED BY	ACCEPT BY	GALLE CITY CENTER - GA0316	SCALE
LUMINEX PLC NO. 24, NEW GALLE ROAD MORATUWA SRI LANKA.	NAME / SIGNATURE	KOKILA	UDESH	DIALOG BROADBAND NETWORKS (PVT) LTD 475, UNION PLACE COLOMBO-02 SRI LANKA	NAME / SIGNATURE			OLD MATARA ROAD,GALLE 80000 (6.037477, 80.224863)	PAGE NO
	DESIGNATION	DRAU.	TTO.		DESIGNATION			DRAWING NO	03 OF 06
	DATE	2026.05.28	2026.05.28		DATE				

(L-M) 8C AERIAL CABLE LAYING
INSIDE THE 25mm GI SPIRAL
(LENGTH 2.0m)



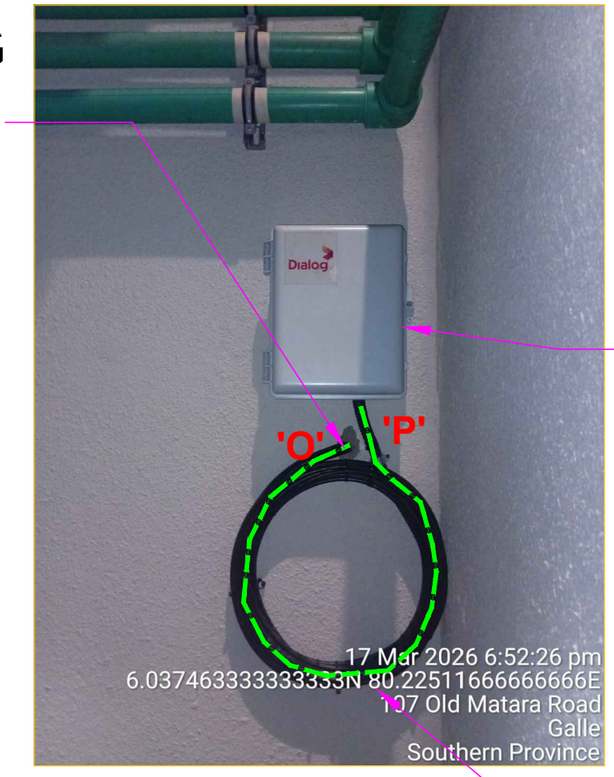


(M-N) 8C AERIAL CABLE LAYING
INSIDE THE 25mm PVC PIPE
(LENGTH 11.0m)

AS BUILT

CONTRACTOR LOGO LUMINEX PLC NO. 24, NEW GALLE ROAD MORATUWA SRI LANKA.		DRAWN BY	CHECKED BY	Dialog DIALOG BROADBAND NETWORKS (PVT) LTD 475, UNION PLACE COLOMBO-02 SRI LANKA		CHECKED BY	ACCEPT BY	**GALLE CITY CENTER - GA0316** OLD MATARA ROAD,GALLE 80000 (6.037477, 80.224863)	SCALE
	NAME / SIGNATURE	KOKILA	UDESH		NAME / SIGNATURE				PAGE NO
	DESIGNATION	DRAU.	TTO.		DESIGNATION			DRAWING NO	04 OF 06
	DATE	2026.05.28	2026.05.28		DATE				

(N-O) 8C AERIAL CABLE LAYING
INSIDE THE 25mm GI SPIRAL
(LENGTH 3.0m)



FDP

(O-P) FOR COIL
(LENGTH **10.0m**)

AS BUILT

CONTRACTOR LOGO		DRAWN BY	CHECKED BY			CHECKED BY	ACCEPT BY		SCALE
LUMINEX PLC NO. 24, NEW GALLE ROAD MORATUWA SRI LANKA.	NAME / SIGNATURE	KOKILA	UDESH	DIALOG BROADBAND NETWORKS (PVT) LTD 475, UNION PLACE COLOMBO-02 SRI LANKA	NAME / SIGNATURE			**GALLE CITY CENTER - GA0316** **OLD MATARA ROAD,GALLE 80000** **(6.037477, 80.224863)**	PAGE NO
	DESIGNATION	DRAU.	TTO.		DESIGNATION			DRAWING NO	05 OF 06
	DATE	2026.05.28	2026.05.28		DATE				

RACK SPACE AVAILABILITY		
Rack space availability at cx location	NO	RACK TYPE
Owner of the Rack	**GALLE CITY CENTRE - CX028276**	
If not Rack space / availability of foot space for new rack	YES	
Special Comment	NEW FDP (WALL MOUNTED)	
Snaps of Existing rack or foot space		

AS BUILT

CONTRACTOR LOGO LUMINEX PLC NO. 24, NEW GALLE ROAD MORATUWA SRI LANKA.		DRAWN BY	CHECKED BY	Dialog DIALOG BROADBAND NETWORKS (PVT) LTD 475, UNION PLACE COLOMBO-02 SRI LANKA		CHECKED BY	ACCEPT BY	**GALLE CITY CENTER - GA0316** **OLD MATARA ROAD,GALLE 80000** **(6.037477, 80.224863)**	SCALE
	NAME / SIGNATURE	KOKILA	UDESH		NAME / SIGNATURE				
	DESIGNATION	DRAU.	TTO.		DESIGNATION			DRAWING NO	PAGE NO
	DATE	2026.05.28	2026.05.28		DATE				06 OF 06

OFN ACCESS NETWORK
OPTICAL FIBRE DEVELOPMENT FOR
DIALOG ENTERPRISES
SITE CONNECTIVITY

GALLE CITY CENTER - GA0316

OLD MATARA ROAD,GALLE 80000
(6.037477, 80.224863)

SEGMENT	ROAD NAME /NUMBER	AUTHORITY	CONSTRUCTION MTDS	DISTANCE NEW	DISTANCE OLD	POLE	MH
DMT33 ~ DMT38/C+1	GALLE MATARA ROAD	RDA	AERIAL	–	368.0m	12	–
DMT38/C+1 ~ **GA0316/01**	OLD MATARA ROAD	RDA	AERIAL	–	233.0m	08	–
–	–	–	–	–	–	–	–
			TOTAL DISTANCE WITHOUT COIL		601.0 m		
			TOTAL DISTANCE WITH COIL		681.0 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

Proposed Flexible Conduit (out door/indoor)

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

LECO — LECO POLE

9.0 — Existing 9m Pole

6.7 — Existing 6.7m Pole

8.0 — Existing8m Pole

5.8 — Existing GI 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 #)

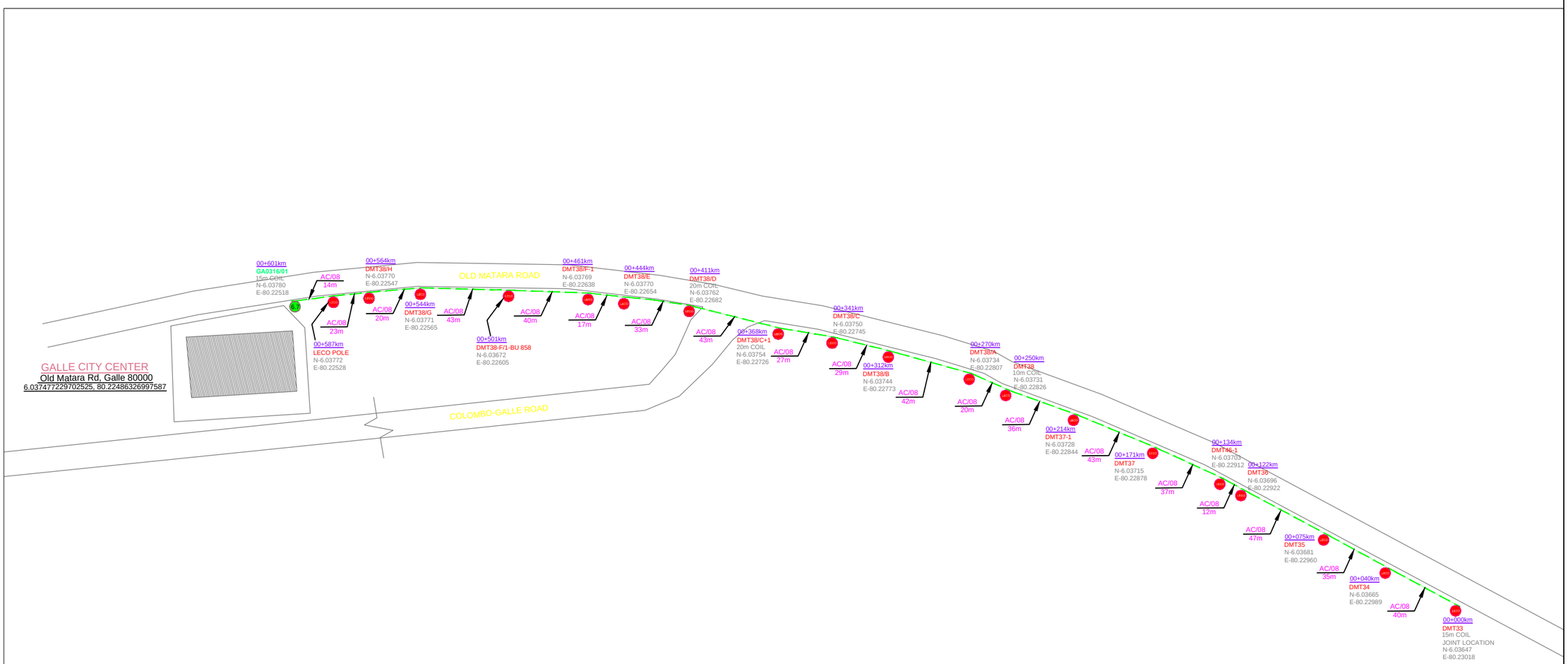
FTC1 — Proposed FTC

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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CONTRACTOR LOGO LUMINEX PLC NO. 24, NEW GALLE ROAD MORATUWA SRI LANKA.		DRAWN BY	CHECKED BY	DIALOG BROADBAND NETWORKS (PVT) LTD 475, UNION PLACE COLOMBO-02 SRI LANKA		CHECKED BY	ACCEPT BY	**GALLE CITY CENTER - GA0316** **OLD MATARA ROAD,GALLE 80000** **(6.037477, 80.224863)**	SCALE
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