

ISP AS_BUILT PLAN – PANAROTTI'S N1 CITY MALL

Project Details		Install Date	2023/09/13
End-User Name	Paranotti's		
Link Africa Customer Name:	Arcinternational		
	Name	Contact Number	Email Address
Representative: Link Africa Planner	Sibusiso Chiliza	0711724267	sibusisoch@linkafrica.co.za
Representative: Link Africa Permissions			
Representative: Customer			
Representative: Landlord	Boyce Ndinga	+27 21 595 1170	BNdinga@growthpoint.co.za

ISP EXECUTIONS:

Fibre Route (Red)

- Install 120m 1way micro duct in the roof and along the wall.
- Install 123m drop cable from ODB 2 in the passage by the control room to Panarotti's
- Label the duct & cable.
- Provide OTDR traces & Pictures

Note: This project should be done in conjunction with Landlord & Client

AS_BUILT PLAN

14-09-2023

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Site Details												
Site Name:	N1 CITY MALL											
Co-ordinates:	Latts:	-33.891456				Longs:	18.56064					
Site Address:	N1 City Mall, Louwtjie Rothman St, Goodwood											
Suburb:	GOODWOOD											
Floor Number:	UL				Room Number:				Site No.:			
Cabinet Position:	Wall Mounted											
Building Name:	N1 CITY MALL					Site ID						
Site Type:	X	Single		Duel	Site Location:		Rooftop		Green Field	X	In Building	
Site Owner:												
Possible concerns that must be flagged to Landlord/Customer												

Customer deliverables:

- Personnel access to secure areas for build and maintenance phases.
- Permission for proposed construction.

Site Planning Approved by Landlord/Building Owner/Manager

Signature:

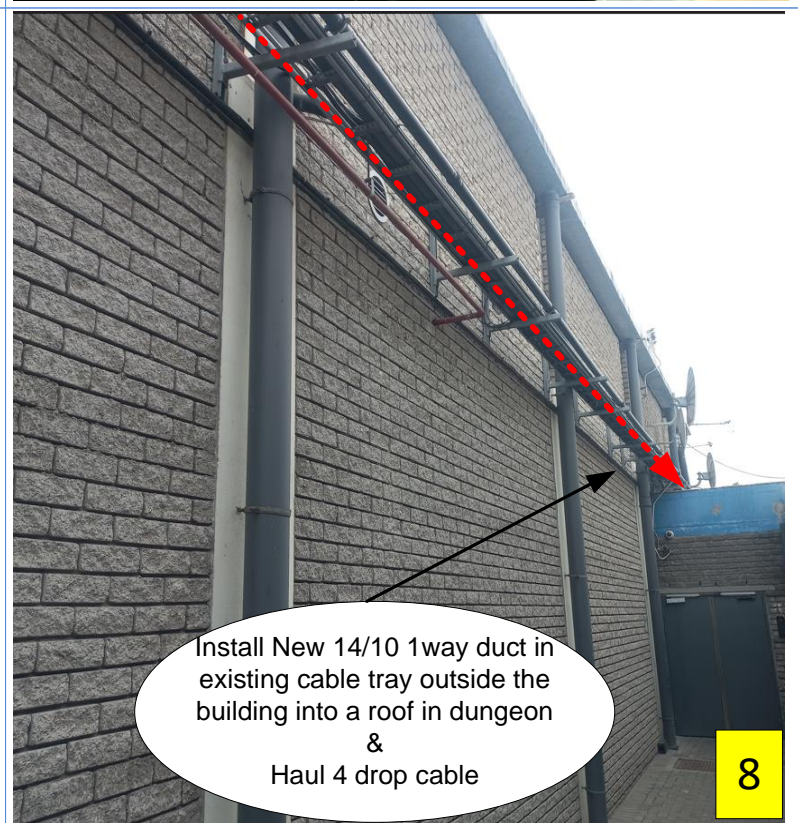
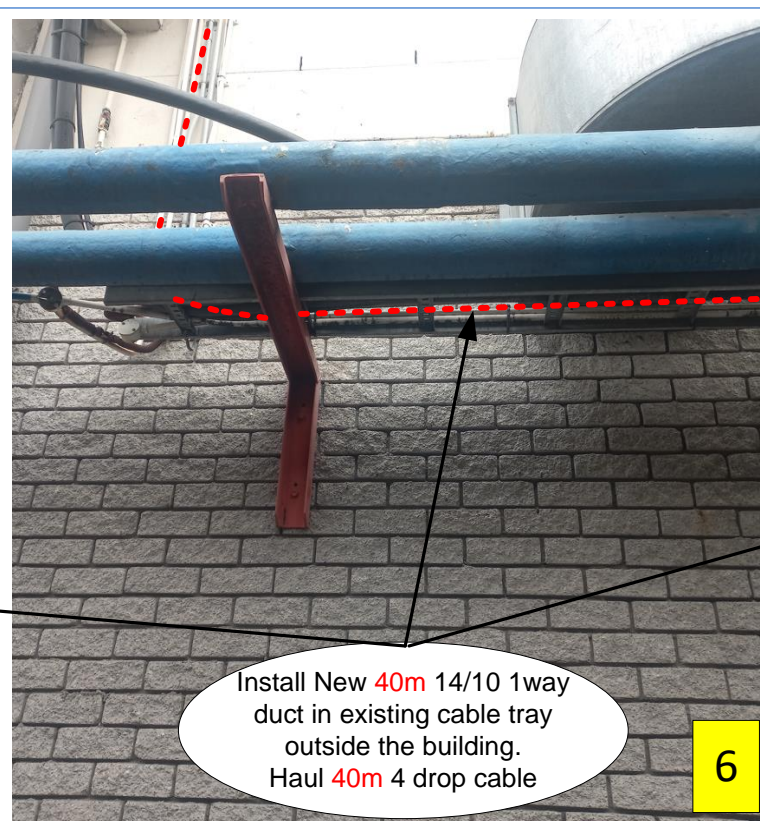
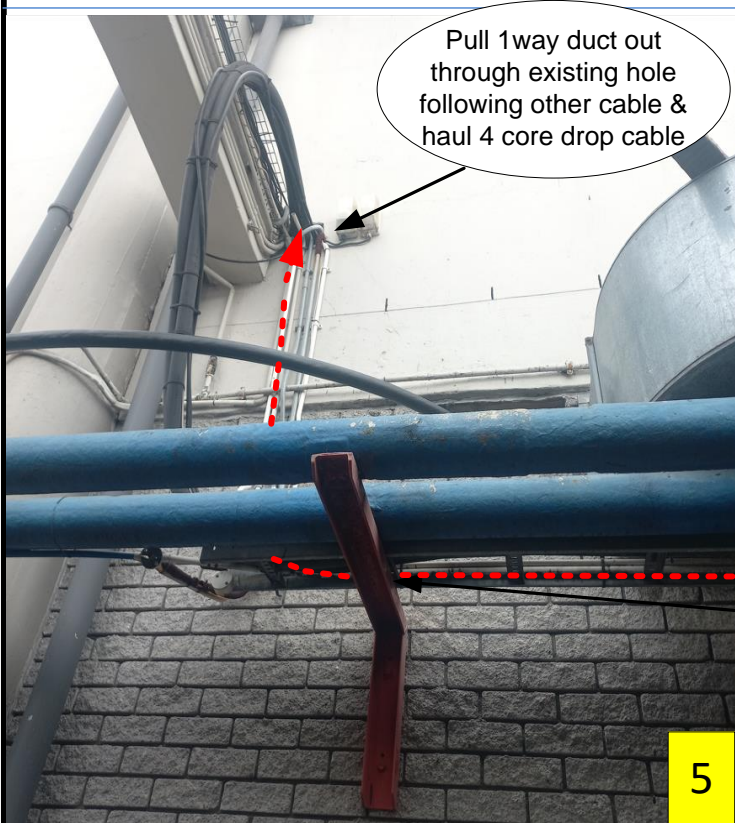
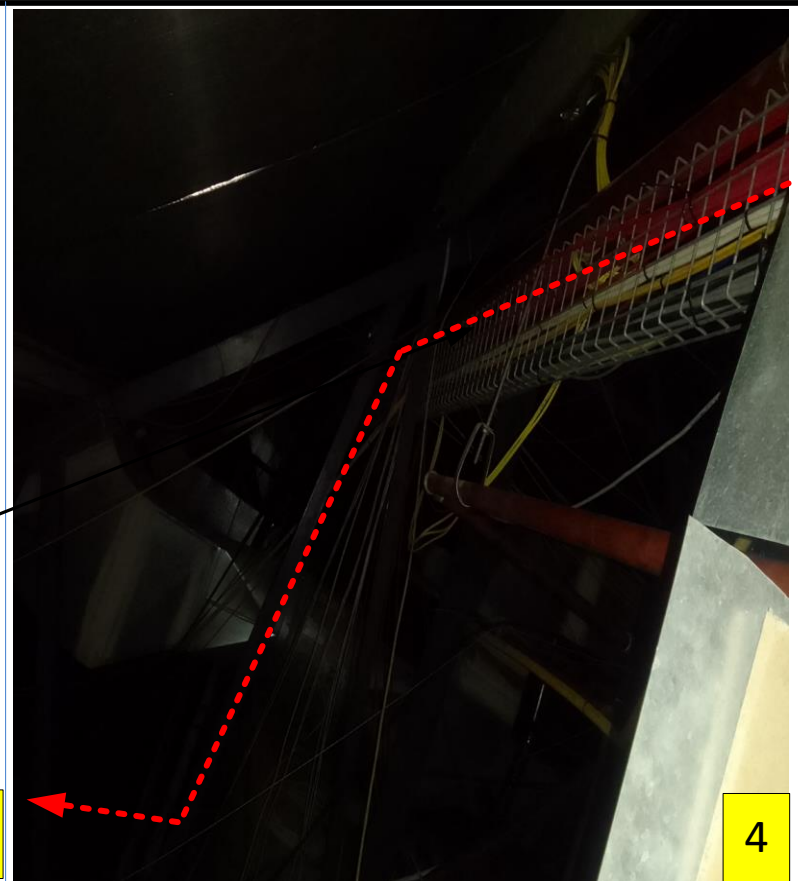
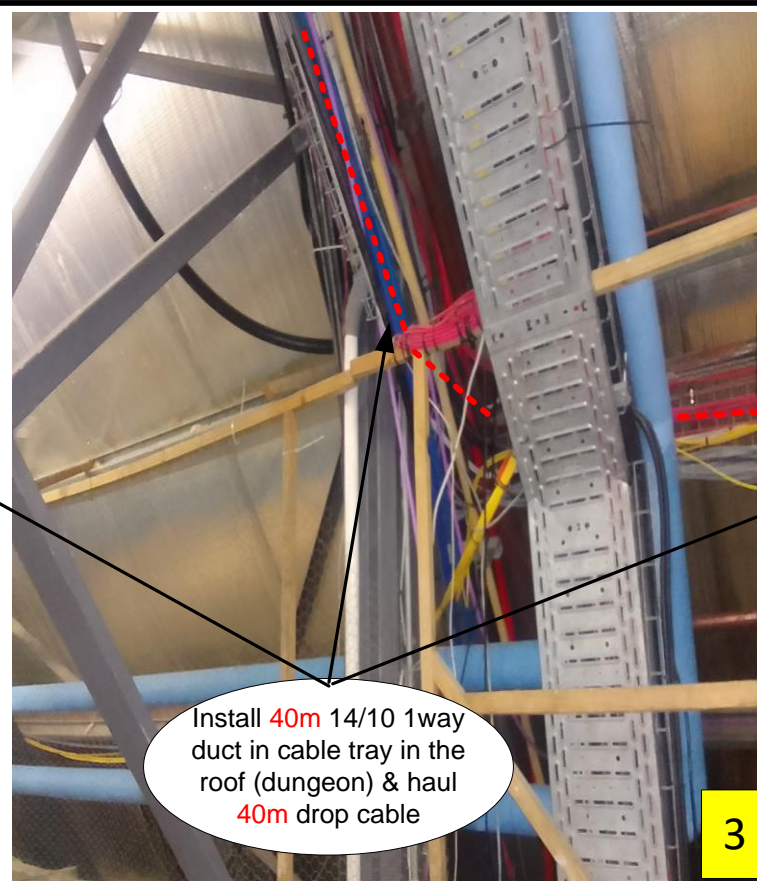
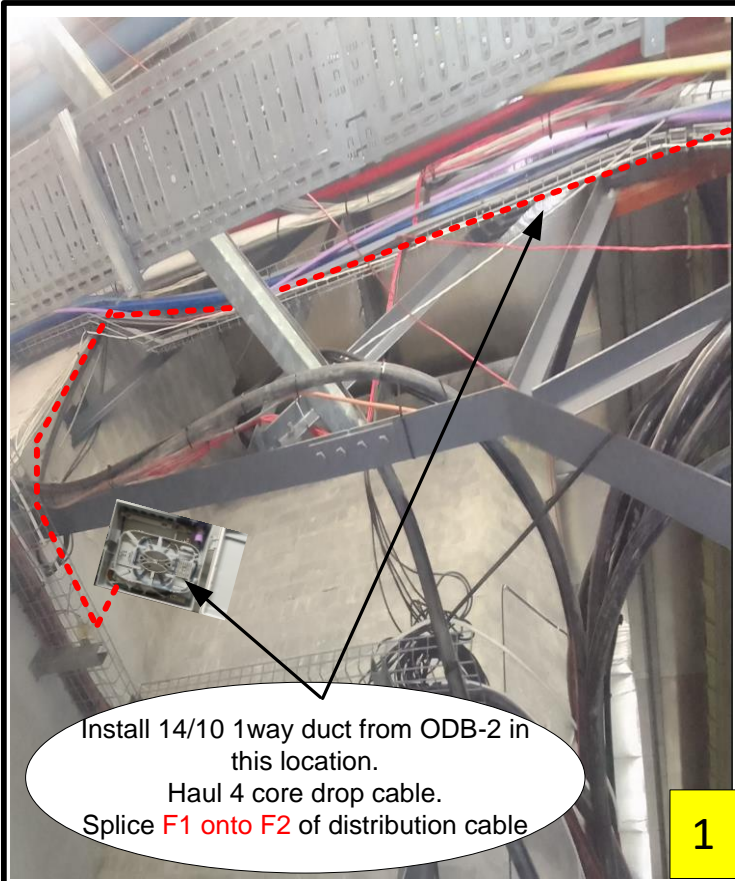
Name:



Designation:

Email.:

































Contact No: Date:

Planner Name	Project No:	 	Region
Sibusiso Chiliza	99W0057464		WC
PROJECT DESCRIPTION: Provide fibre Infrastructure from Link Africa ODB-2 to Panarotti's			Date Compiled
		2023/09/14	
			Page 1 of 6



Color Legend						REVISION							REGION:
No.	NATURE OF REVISION	DATE	SIGNATURE	AUTHORITY									WC
1	Existing Access Fibre												Date Compiled
2	Proposed entry route 1 into building.												2023/09/14
3	Proposed entry route 2 into building.												Page 3 of 6
4	Existing 3 rd Party Cable												
5	Existing HH												
6	New HH Route 1												
7	New HH Route 2												
8	Existing Draw Box												
9	New Draw Box - Route 1												
10	New Draw Box - Route 2												
11	Existing Fibre Distribution/Termination Point (FDP/FTP)												
12	New Fibre Distribution/Termination Point (FDP/FTP)												
13	Existing Junction Box												
14	New Junction Box												
15	Existing Optical Distribution Unit (ODU)												
16	New Optical Distribution Unit (ODU)												
17	Core Drill												
18	Sprag												
19	New Link Africa MH												
20	Existing Link Africa MH												
21	New Kicker Block												
22	Existing Kicker Block												
23	Existing Service Duct												
24	Existing LA Duct												
25	Existing Sewer Pipe												
26	Existing Stormwater Pipe												
27	New Bosal or Agri Pipe												
28	Existing Bosal or Agri Pipe												
29	Client Cabinet												
30	New Client raiscom/ME1200												
SCALE:		PLANNED BY:		PROJECT No:		PROJECT DESCRIPTION:							
N.T.S. (Not To Scale)		Sibusiso Chiliza		99W0057464		Provide fibre Infrastructure from Link Africa ODB-2 to Panarotti's							



Color Legend						REVISION					 	REGION:
	Existing Access Fibre		Existing Fibre Distribution/Termination Point (FDP/FTP)		New Kicker Block	No.	NATURE OF REVISION	DATE	SIGNATURE	AUTHORITY		WC
	Proposed entry route 1 into building.		New Fibre Distribution/Termination Point (FDP/FTP)		Existing Kicker Block	1						
	Proposed entry route 2 into building.		Existing Junction Box		Existing Service Duct	2						
	Existing 3 rd Party Cable		New Junction Box		Existing LA Duct	3						
	Existing HH		Existing Optical Distribution Unit (ODU)		Existing Sewer Pipe	SCALE:		PLANNED BY:		PROJECT No:		
	New HH Route 1		New Optical Distribution Unit (ODU)		Existing Stormwater Pipe	N.T.S. (Not To Scale)		Sibusiso Chiliza		99W0057464	PROJECT DESCRIPTION:	Date Compiled 2023/09/14
	New HH Route 2		Core Drill		New Bosal or Agri Pipe							Page 4 of 6
	Existing Draw Box		Sprag		Existing Bosal or Agri Pipe							
	New Draw Box - Route 1		New Link Africa MH		Client Cabinet							
	New Draw Box - Route 2		Existing Link Africa MH		New Client raiscom/ME1200							

OTDR Report (1625 nm (9 μm))

General Information

File name: 99W0057622 PANAROTTIS F1.trc
Test date: 2023-09-13
Test time: 03:34:23 PM
Cable ID:
Job ID:
Comments:

Customer: PANAROTTIS
Company: LIBBY CONSTRUCTION
Fiber ID: F1

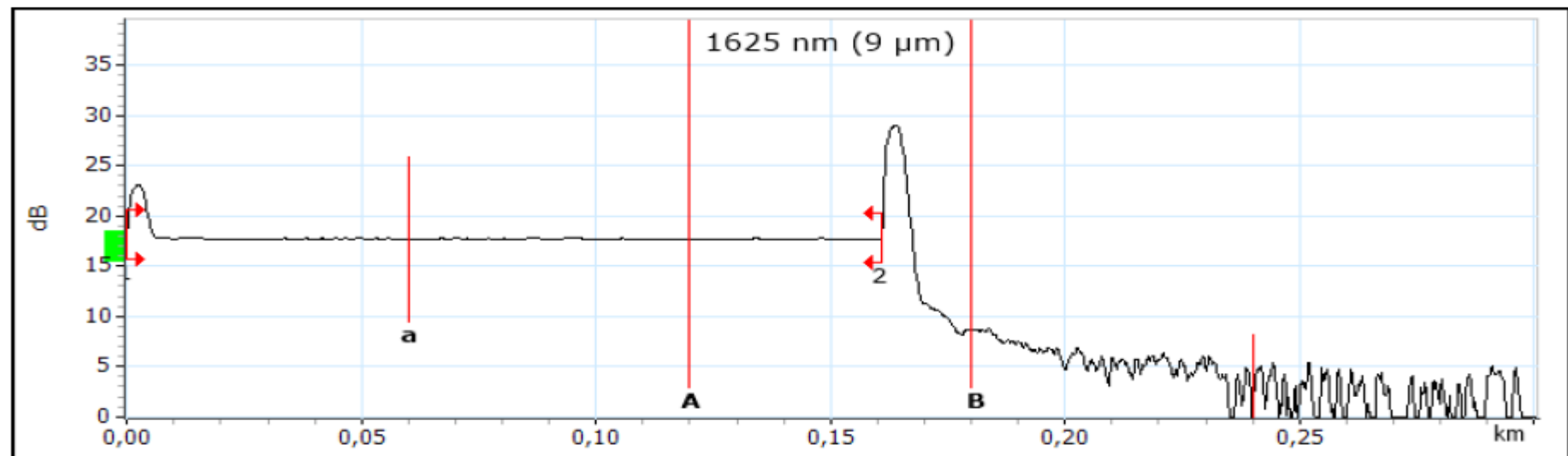
Locations

	Location A	Location B
Location		
Operator		
Model	FTB-7300E-234B-EA	
Serial number	507264	
Calibration date	2023-04-17 (UTC)	

Results

Span length: 0,1610 km Average loss: 0,149 dB/km Injection level: 17,8 dB
Span loss: 0,024 dB Average splice loss: ---
Span ORL: 50,82 dB Maximum splice loss: ---

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	83,824 dB/km	A-B average loss:	152,717 dB/km
a	0,0600	17,746	A-B LSA loss:	5,021 dB	4-point Event Loss:	9,592 dB
A	0,1200	17,732	A-B ORL:	44,95 dB	Maximum reflectance:	-44,7 dB
B	0,1800	8,563				
b	0,2400	0,000				

Event Table

Type	No.	Pos./Length (km)	Loss (dB)	Reflectance (dB)	Attenuation (dB/km)	Cumulative (dB)
First Connector	1	0,0000	---	-57,0		0,000
Section		0,1610	0,024		0,149	0,024
Reflective	2	0,1610	---	-44,7		0,024



Signature: _____

Date: 9-13-2023

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OTDR Report (1625 nm (9 µm))

Macrobend

Position (km)	Delta Loss (dB)

Pass/Fail Thresholds

	1625 nm (9 µm)

Test Parameters

	A → B
Wavelength (nm)	1625 nm (9 µm)
Range (km)	0,3000
Pulse (ns)	30
Duration (s)	15

Test Settings

	A → B	Macrobend Wavelengths	Macrobend Delta Loss (dB)
IOR	1,468734		
Backscatter (dB)	-82,59		
Helix factor (%)	0,00		
Splice loss detection threshold (dB)	0,150		
Reflectance detection threshold (dB)	-72,0		
End-of-fiber detection threshold (dB)	5,000		