

OPEN FIBRE FIBRE OPTIC INFRASTRUCTURE

As-Built - Tableview Mall ISP & OSP

T. 087 245 0800
 E. info@openfibre.co.za
 A. 220 Jan Smuts Avenue, Dunkeld West, 2196
 W. openfibre.co.za



Survey information

Surveyed by:	Tiaan du Toit	Company:	RSS Fibre	Date:	26/01/2022
Phone Number:	061 923 0612	Email Address:	tiaandutoit0@gmail.com		

Project information

Contractor	RSS Fibre				
Project Manager	Tiaan du Toit	Phone Number:	061 923 0612		
Call out/Drop Team Leader:	Tiaan du Toit	Phone Number:	061 923 0612		

SITE INFORMATION:

Area:	Cape Town	Building Name:	Tableview Mall
Site Address:	West Coast Road, Blaauwberg Rd, Table View, Cape Town	Suburb:	Tableview
Site Owner:	Openfibre	Centre Manager Contact:	TBC
Latitude:	-33.825906°	Longitude:	18.487874°
Number of Floors:	1	Number of Connections:	26



Cable Requirements:

Entry Duct	2 way 12/10 mm	4 way 12/10 mm	7 way 12/10 mm			
Feeder Fibre:	12F	24F	48F	72F	96F	144F
Feeder Duct:	2 way 12/10 mm	4 way 12/10 mm	7 way 12/10 mm			
Drop Duct:	2 way 8/5 mm	4 way 8/5 mm	7 way 8/5 mm	12 way 12/10 mm		
MMR Power:	AC Plug point available		Power Plant Required			

Notes:

- 42U Cabinet installed.
- 2 Way 12/10 Duct installed on existing cable trays & inside 50mm PVC conduit.
- 48F Fibre Cable installed inside 2 Way 12/10 Duct.
- 3 Core Boxes installed on site as indicated on As-Built.
- 3 Access Boxes installed on site as indicated on As-Built.
- Ducts saddled on existing cable trays on rooftop.
- Drop Cables installed on cable trays from their provisioned Access Box towards the shop.
- 4 Way 12/10 Duct installed from newly installed MSSB Manhole towards cabinet



INSTALLATION APPROVAL

Name:	Name:
Date:	Date:
Signature	Signature

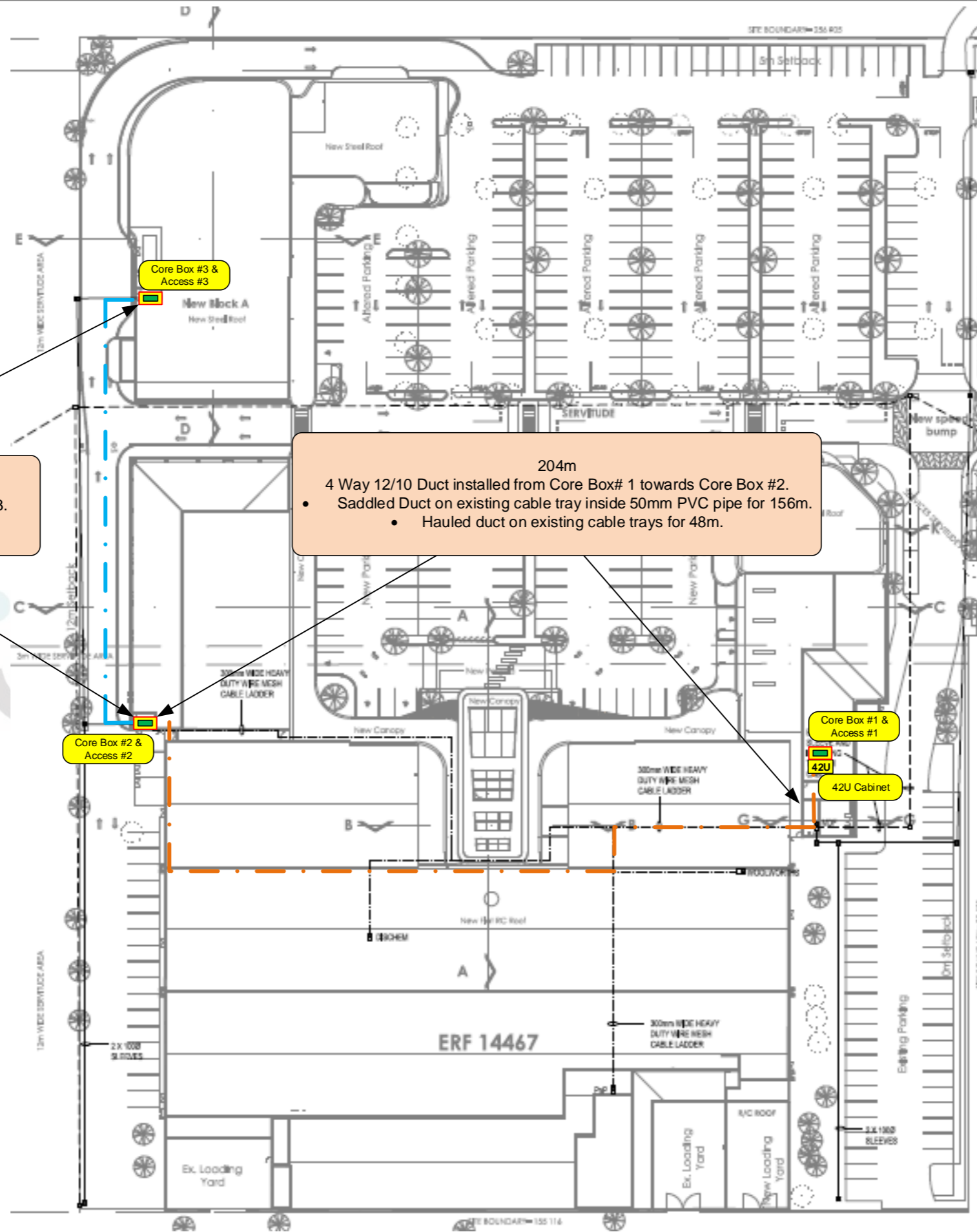


Project No:	Rev:	Date:	Page
RSS-OPF-026-CPT	001	26/01/2022	1 of 8



Hereby I confirm that this Installation Plan is approved for installation and that the installation can continue accordingly with the installation dates indicated prior to installation start date.

Ducting Overview ISP



79m

2 Way 12/10 Duct installed from Core Box # 2 towards Core Box #3.

- Hauled duct inside existing 110mm sleeve for 79m.

204m

4 Way 12/10 Duct installed from Core Box# 1 towards Core Box #2.

- Saddled Duct on existing cable tray inside 50mm PVC pipe for 156m.
- Hauled duct on existing cable trays for 48m.

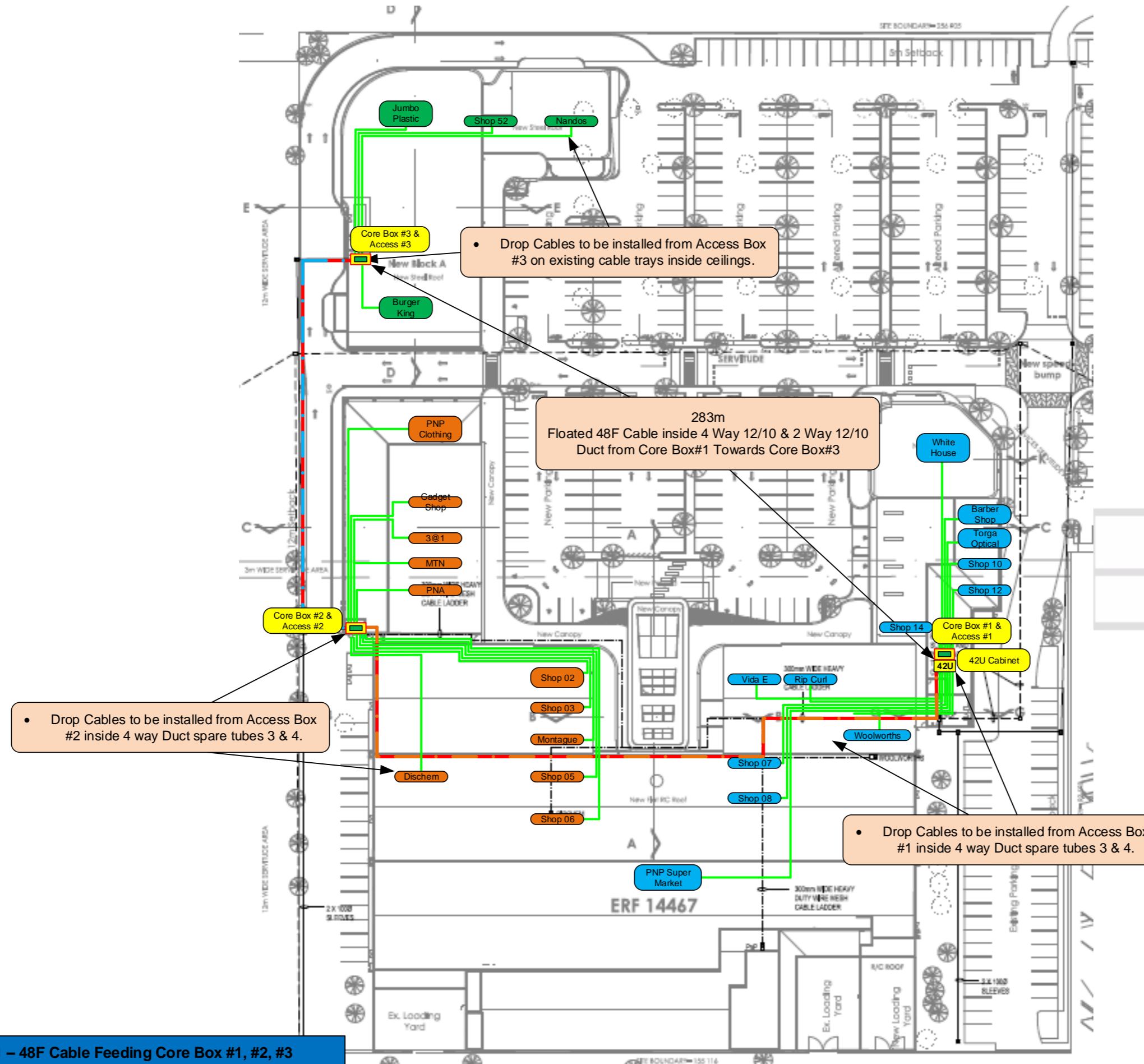
Colour Legend

42U	Installed 42U Cabinet	—	Existing 2 Way 12/10	—	Existing 4 Way 12/10	X	Existing DFA MS Manhole
 	Installed Core Box	—	Existing 2 Way 12/10 + 48F	—	Existing 4 Way 12/10 + 48F	 	Existing Client Handhole
 	Installed Access Box	—	48F Micro Cable	—	4F Drop Cable Route		



Project No:	Rev:	Date:	Page 2 of 8
RSS-OPF-026-CPT	000	26/11/2021	

Ducting and Fibre Overview ISP



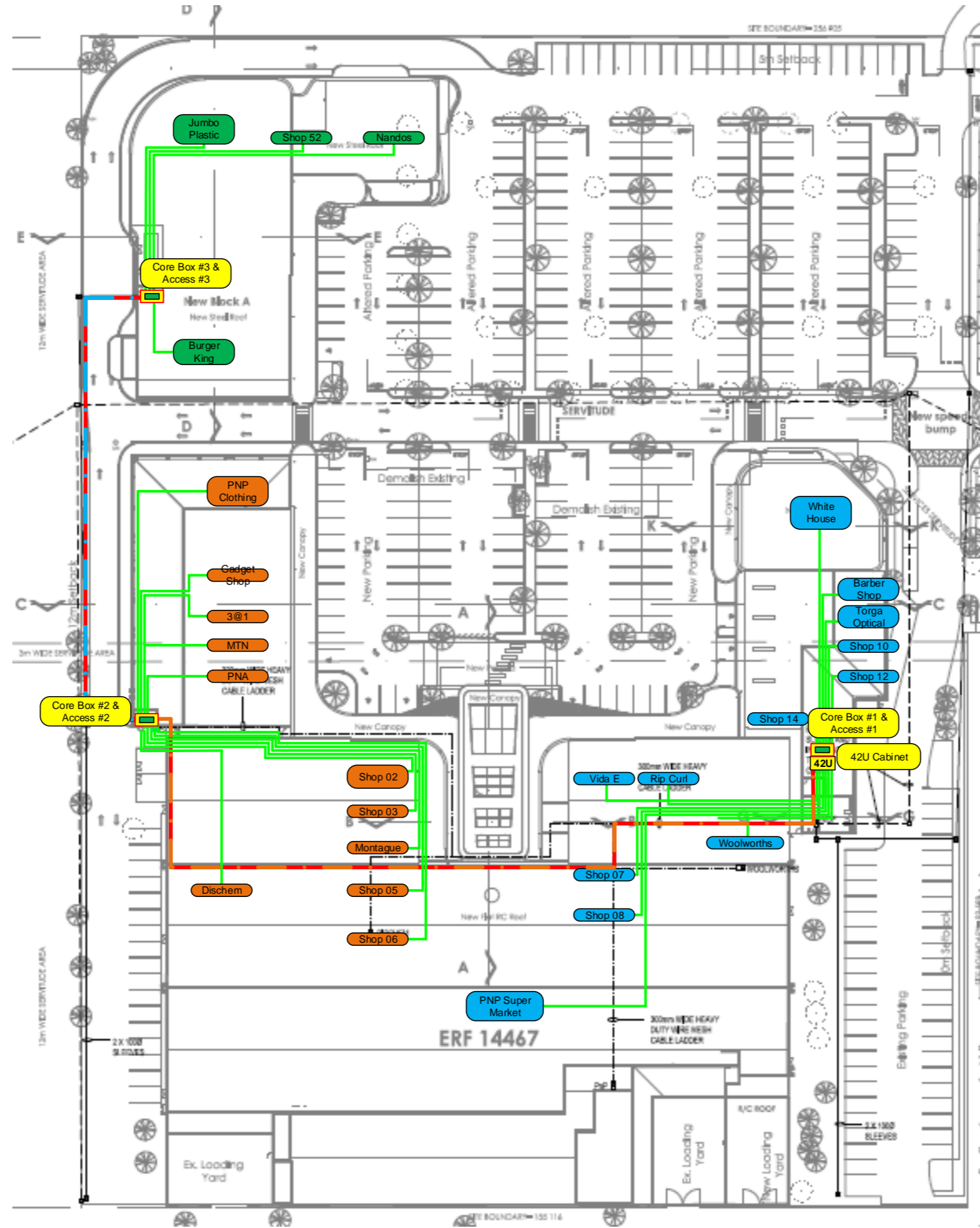
Colour Legend

	Installed 42U Cabinet		Existing 2 Way 12/10		Existing 4 Way 12/10		Existing DFA MS Manhole
	Installed Core Box		Existing 2 Way 12/10 + 48F		Existing 4 Way 12/10 + 48F		Existing Client Handhole
	Installed Access Box		48F Micro Cable		4F Drop Cable Route		



Project No:	Rev:	Date:	Page 3 of 8
RSS-OPF-026-CPT	000	26/11/2021	

Shop Overview ISP



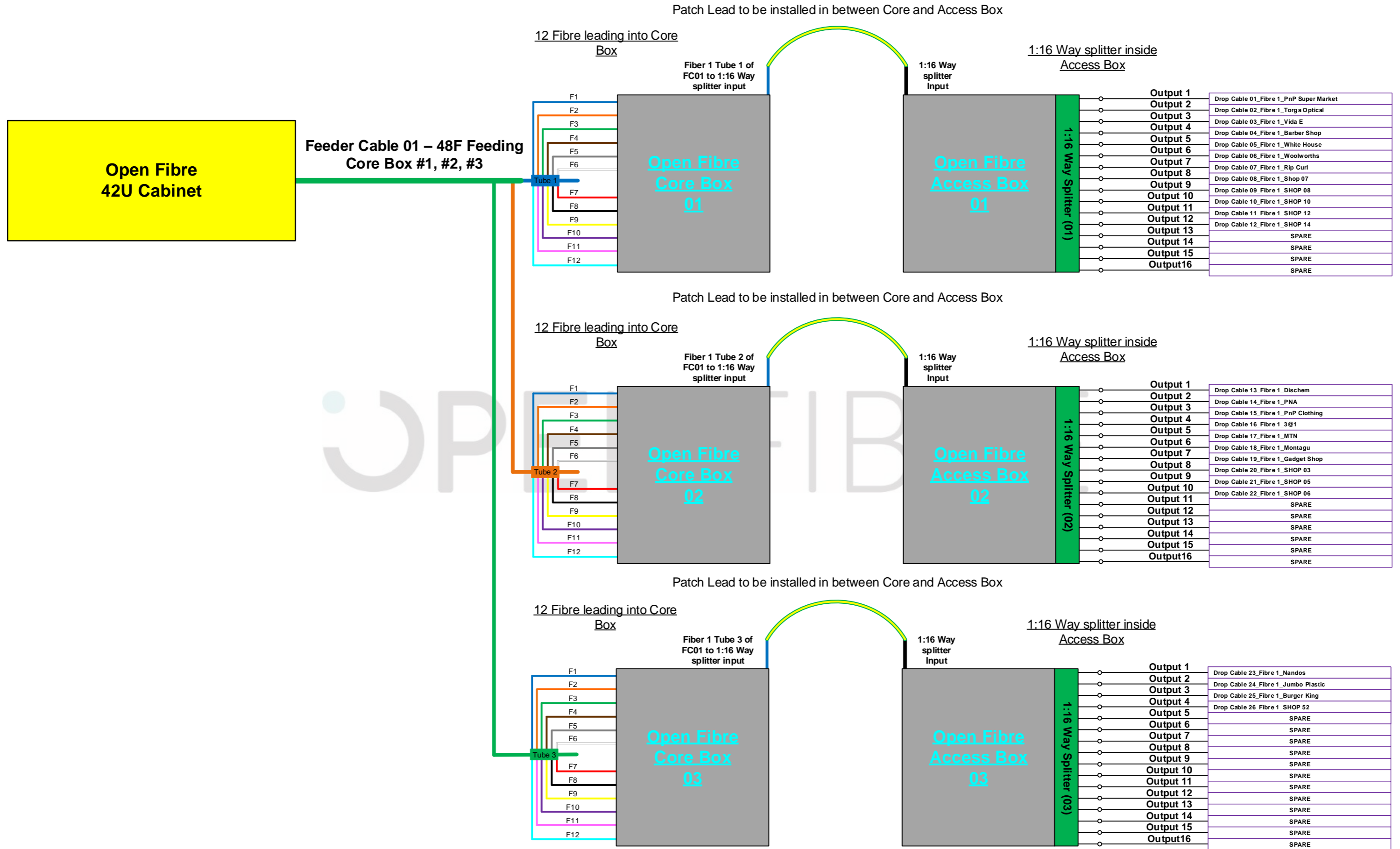
Colour Legend

42U	Installed 42U Cabinet	●	Existing 2 Way 12/10	●	Existing 4 Way 12/10	X	Existing DFA MS Manhole
 	Installed Core Box		Existing 2 Way 12/10 + 48F		Existing 4 Way 12/10 + 48F	O	Existing Client Handhole
	Installed Access Box		48F Micro Cable		4F Drop Cable Route		



Project No:	Rev:	Date:	Page 4 of 8
RSS-OPF-026-CPT	000	26/11/2021	

Splicing diagram: Feeder Cable 01



Feeder Cable 01 – 48F Feeding Core Box #1, #2, #3

Open Fibre 42U Cabinet

12 Fibre leading into Core Box

Fiber 1 Tube 1 of FC01 to 1:16 Way splitter input

1:16 Way splitter inside Access Box

- F1
- F2
- F3
- F4
- F5
- F6
- F7
- F8
- F9
- F10
- F11
- F12

Open Fibre Core Box 01

1:16 Way splitter Input

Open Fibre Access Box 01

- Output 1
- Output 2
- Output 3
- Output 4
- Output 5
- Output 6
- Output 7
- Output 8
- Output 9
- Output 10
- Output 11
- Output 12
- Output 13
- Output 14
- Output 15
- Output 16

Drop Cable 01_Fibre 1_PnP Super Market
Drop Cable 02_Fibre 1_Torga Optical
Drop Cable 03_Fibre 1_Vida E
Drop Cable 04_Fibre 1_Barber Shop
Drop Cable 05_Fibre 1_White House
Drop Cable 06_Fibre 1_Woolworths
Drop Cable 07_Fibre 1_Rip Curl
Drop Cable 08_Fibre 1_Shop 07
Drop Cable 09_Fibre 1_SHOP 08
Drop Cable 10_Fibre 1_SHOP 10
Drop Cable 11_Fibre 1_SHOP 12
Drop Cable 12_Fibre 1_SHOP 14
SPARE
SPARE
SPARE
SPARE

12 Fibre leading into Core Box

Fiber 1 Tube 2 of FC01 to 1:16 Way splitter input

1:16 Way splitter inside Access Box

- F1
- F2
- F3
- F4
- F5
- F6
- F7
- F8
- F9
- F10
- F11
- F12

Open Fibre Core Box 02

1:16 Way splitter Input

Open Fibre Access Box 02

- Output 1
- Output 2
- Output 3
- Output 4
- Output 5
- Output 6
- Output 7
- Output 8
- Output 9
- Output 10
- Output 11
- Output 12
- Output 13
- Output 14
- Output 15
- Output 16

Drop Cable 13_Fibre 1_Dischem
Drop Cable 14_Fibre 1_PNA
Drop Cable 15_Fibre 1_PnP Clothing
Drop Cable 16_Fibre 1_3@1
Drop Cable 17_Fibre 1_MTN
Drop Cable 18_Fibre 1_Montagu
Drop Cable 19_Fibre 1_Gadget Shop
Drop Cable 20_Fibre 1_SHOP 03
Drop Cable 21_Fibre 1_SHOP 05
Drop Cable 22_Fibre 1_SHOP 06
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE

12 Fibre leading into Core Box

Fiber 1 Tube 3 of FC01 to 1:16 Way splitter input

1:16 Way splitter inside Access Box

- F1
- F2
- F3
- F4
- F5
- F6
- F7
- F8
- F9
- F10
- F11
- F12

Open Fibre Core Box 03

1:16 Way splitter Input

Open Fibre Access Box 03

- Output 1
- Output 2
- Output 3
- Output 4
- Output 5
- Output 6
- Output 7
- Output 8
- Output 9
- Output 10
- Output 11
- Output 12
- Output 13
- Output 14
- Output 15
- Output 16

Drop Cable 23_Fibre 1_Nandos
Drop Cable 24_Fibre 1_Jumbo Plastic
Drop Cable 25_Fibre 1_Burger King
Drop Cable 26_Fibre 1_SHOP 52
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE
SPARE

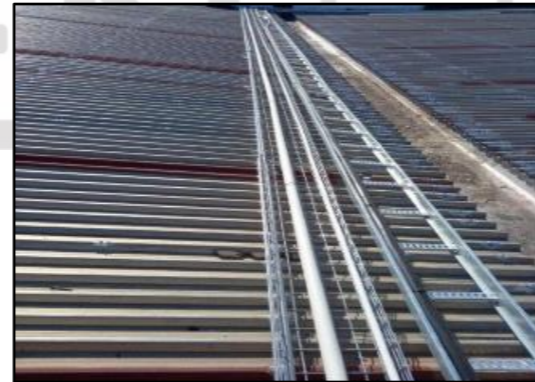
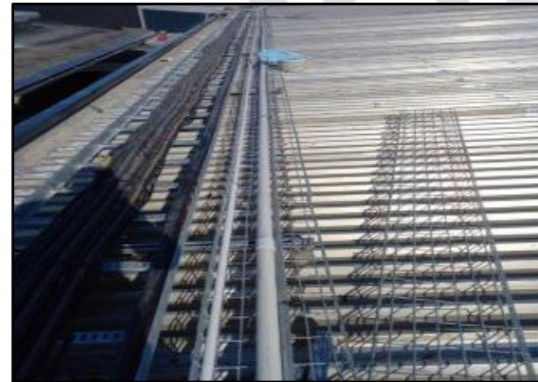
Colour Legend

	Installed 42U Cabinet		Existing 2 Way 12/10		Existing 4 Way 12/10		Existing DFA MS Manhole
	Installed Core Box		Existing 2 Way 12/10 + 48F		Existing 4 Way 12/10 + 48F		Existing Client Handhole
	Installed Access Box		48F Micro Cable		4F Drop Cable Route		



Project No:	Rev:	Date:
RSS-OPF-026-CPT	000	26/11/2021

Photo Overview ISP



OPEN FIBRE

Colour Legend

42U	Installed 42U Cabinet	•	Existing 2 Way 12/10	•	Existing 4 Way 12/10	☒	Existing DFA MS Manhole
 	Installed Core Box	—	Existing 2 Way 12/10 + 48F	—	Existing 4 Way 12/10 + 48F	○	Existing Client Handhole
 	Installed Access Box	—	48F Micro Cable	—	4F Drop Cable Route		



Project No:	Rev:	Date:
RSS-OPF-026-CPT	000	26/11/2021

Ducting Overview OSP



93m

- Installed new 1 X 4 way 12/10 micro duct.
 - Horizontal Drilled for 10m
- Trenched soil (600mm Deep x 450mm Width) for 8m
 - Hauled inside Existing Sleeve for 75m

Client Cabinet

Existing Client HH

Existing Vodacom
MS HH
VWH282266
-33.826742°
18.488050°

New DFA MSSB
WH355409
-33.826759°
18.488097°

Existing DFA MS
HH
WH282266
-33.827088°
18.489198°

Colour Legend

42U	Installed 42U Cabinet	—	Existing 2 Way 12/10	—	Existing 4 Way 12/10	X	Existing DFA MS Manhole
 	Installed Core Box	—	Existing 2 Way 12/10 + 48F	—	Existing 4 Way 12/10 + 48F	O	Existing Client Handhole
 	Installed Access Box	—	48F Micro Cable	—	4F Drop Cable Route		



Project No:	Rev:	Date:	Page 7 of 8
RSS-OPF-026-CPT	000	26/11/2021	

Photo Overview OSP



OPEN FIBRE

Colour Legend

	Installed 42U Cabinet		Existing 2 Way 12/10		Existing 4 Way 12/10		Existing DFA MS Manhole		
	Installed Core Box		Existing 2 Way 12/10 + 48F		Existing 4 Way 12/10 + 48F		Existing Client Handhole		
	Installed Access Box		48F Micro Cable		4F Drop Cable Route				



Project No:	Rev:	Date:
RSS-OPF-026-CPT	000	26/11/2021