

		SURVEY REPORT			
SAFARICOM FTTB PROJECT					
Building Name.		GREENFIELD JUJA XIME TECHNOLOGIES			
Site ID.		GTD1400012992			
Owner Details			Surveyor Details		
Landlord	Contact	Surveyor	Contact		
		Omiso Mokia	0792800042		
Caretaker	Contact				
-	-				
		Date	8/03/2025		

		SURVEY REPORT			
1. Building Information					
Building:	GREENFIELD JUJA XIME TECHNOLOGIES				
No. of Blocks:	1				
Building Type:	Multi-tenant				
No. of Floors:	7				
No. of Companies:	1				
GPS Coordinates:	-1.099935° 37.010209°				
Region:	JUJA				
Address:	GATUNDU-JUJA ROAD				
Comment:	<ul style="list-style-type: none"> • GREENFIELD JUJA XIME TECHNOLOGIES is a multi-tenant building. <ul style="list-style-type: none"> • The interception manhole is at -1.098606° 37.009907°. • A 48C JB exists in the interception manhole. • The ATB will be installed in the building. 				

Comments:

EXISTING INFRASTRUCTURE

There are two existing SFC poles, one of which has a cable bracket. A 48c joint box (JB) is located in the interception manhole and will be used for interception.

NEW INFRASTRUCTURE

1. The most Feasible solution is overhead.
2. A proposed 24C cable from the existing man hole at -1.098606° 37.009907° will be pulled on KPLC, existing and new SFC poles all the way to the client's premises at -1.099935° 37.010209°.
3. The New 24C cable will be terminated at the client's premises.
4. Proposed 2C ATB will be installed at the client's server room.
5. A single core of the new cable will be spliced at the existing JB and the cores provisioned by the MSP (Fireside Group) from the homing site 14293_NW_EC0322-Greenfields (Greenfield) located -1.098593°, 37.009867°.

SCOPE CHRONOLOGY

1. Mobilization of people and materials to the site.
2. Route barricading.
3. Use of hand tools e.g. spade, mattock.
4. Cable pulling and splicing.

SAFETY REVIEW

POSITIVE RISKS

1. **Connect a new client.**
2. **Utilization of existing SFC infrastructure (JB, poles, cable bracket).**

NEGATIVE RISKS

1. **Working along a busy road.**
2. **Working at height.**
3. **Working close to power lines.**

MITIGATION

1. **All works are to be done by qualified personnel.**
2. **All workers should have proper identification documents with them.**
3. **Proper barricading and use of signage.**

2. Server Room and Riser Information.	
Server Room Available:	YES
Server Room Dimensions:	N/A
Cable Tray Available:	N/A
Cable Tray Size:	N/A
Space Available:	YES – For cable routing inside building.
Location of Server Room:	One of the Rooms
Riser Available:	YES
Riser Dimensions:	N/A
Space Available:	YES
Comments:	Cable to be protected by plastic trunking along the building and corridor to the server room entry point.

3. Power Information				
Power for Server Room Equipment:	Type	AC	Voltage	240V
Comment				
Power for Access Routers:	Type	AC	Voltage	240V
Comment				

	SURVEY REPORT	 Building The Future
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4. Customer Information		
Customer Name	Location	
1.	GREENFIELD JUJA XIME TECHNOLOGIES	GATUNDU-JUJA ROAD

5. Building Entry		
Manhole Info.		
SFC (Entry to building)	ID	KIA-P050710
	Type/Size	Wooden Pole
	Location	-1.098590° 37.009924°
Manhole (Interception point)	Status of Manhole	NBI_MH20021-S
	Type/Size	Reinforced Polymer Plastic
	Location	-1.098606° 37.009907°



Existing Manhole with Existing
48C JB. Interception Point



Manhole
06-08-2025 14:19
1 09861 37 00992
W225-6C X4 Juba

Existing Duct Info.

Length of Duct	0m	
Size of Duct	0mm	
Number of Spare Ducts	0	
Number of Spare Sub-Ducts	0	

Proposed Duct Info.

Length of Duct	10	
Size of Duct	32mm	
Number of Spare Ducts	0	
Number of Spare Sub-Ducts	0	

Google Earth Extract.



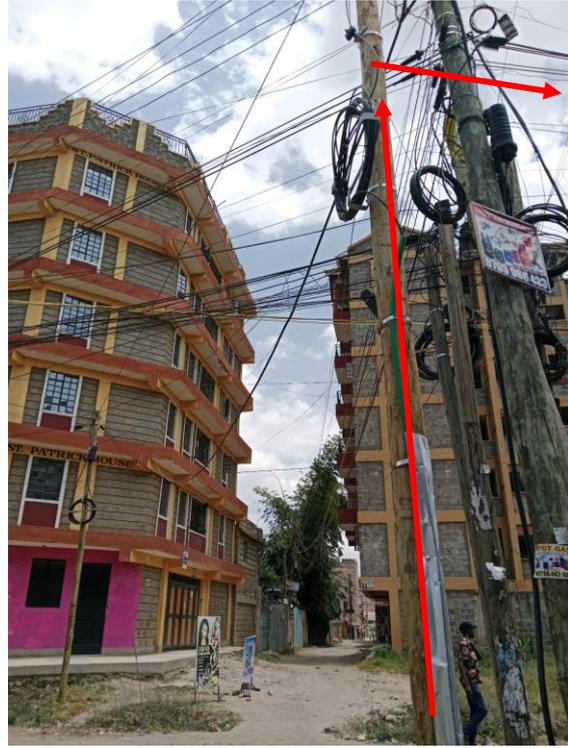
MATERIAL SUMMARY

Survey Route	m	195
ISP Survey route	m	60
Pvc plastic trunking	m	60
Pvc flex pipe	m	3
24C Normal Cable	m	350
ATB	pcs	1
Tension Clamps	m	8
Downlead Clamps	m	2
Storage Brackets	pcs	1
J-hooks	pcs	3
Universal pole brackets	pcs	5
Cable Markers	pcs	7

SURVEY PHOTOS.



Existing Manhole with existing 48C JB
Interception point



Cable pulling on Existing SFC Poles



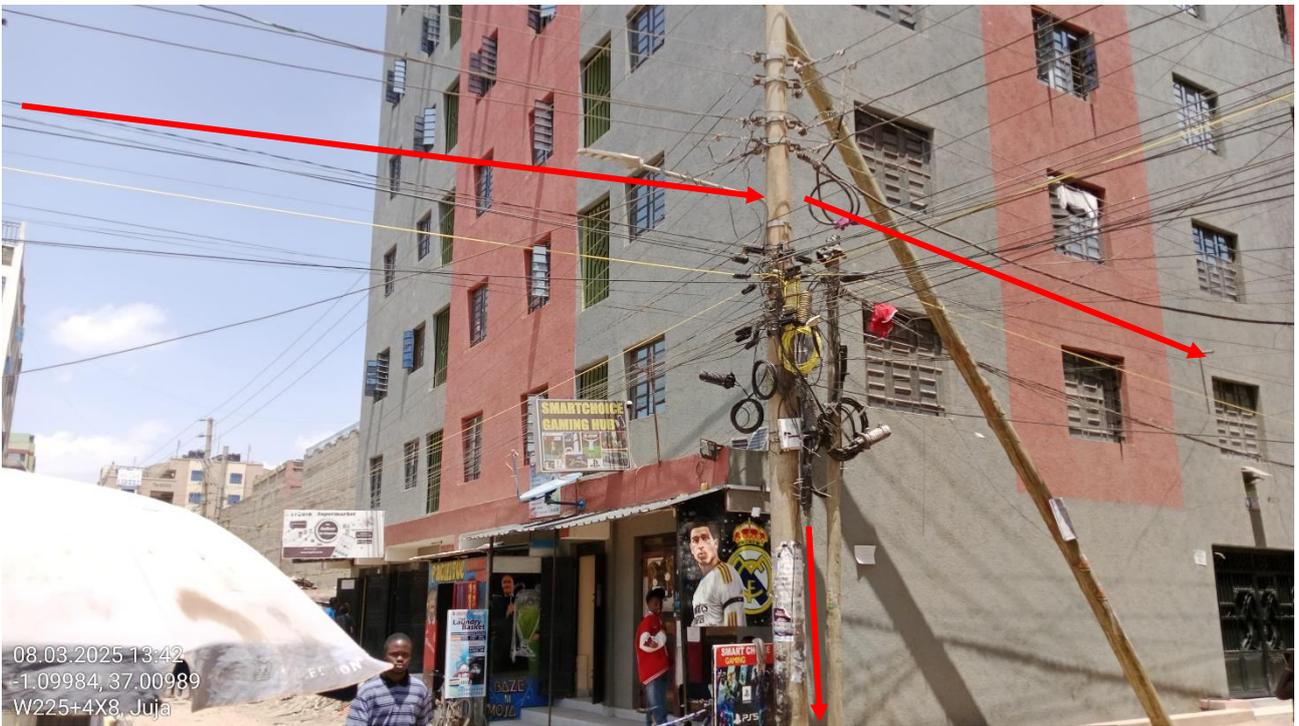
Cable pulling on Existing SFC Poles



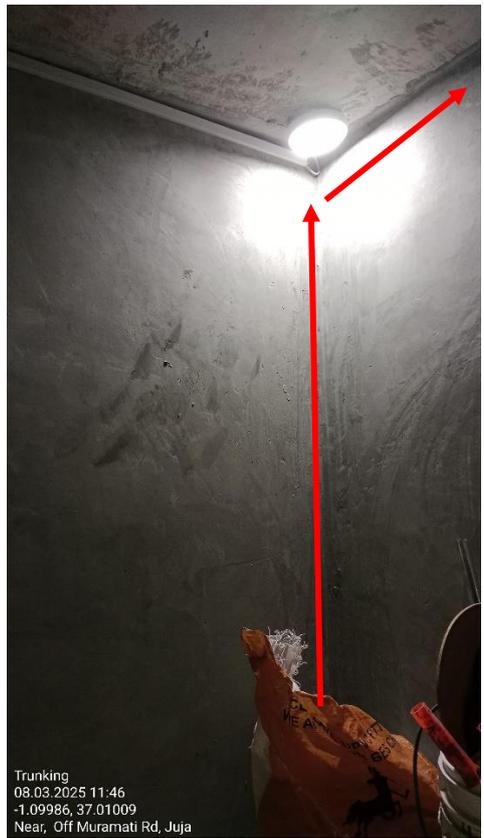
Cable pulling on KPLC pole and Proposed SFC pole



Cable pulling on KPLC pole and Proposed SFC pole



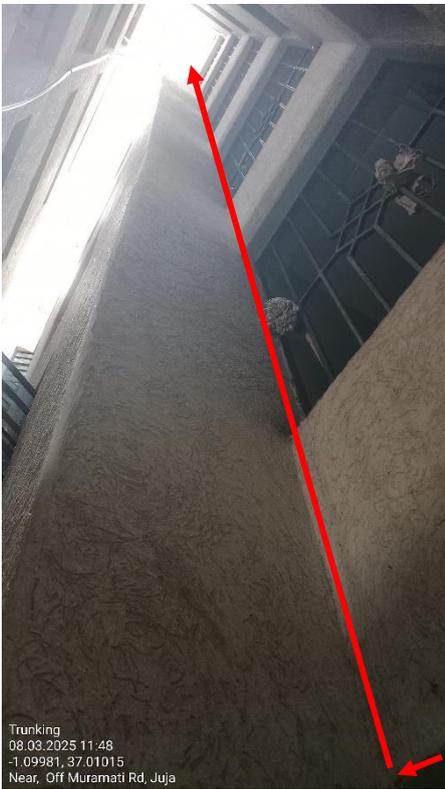
Cable pulling on Proposed SFC pole and Building Entry Point



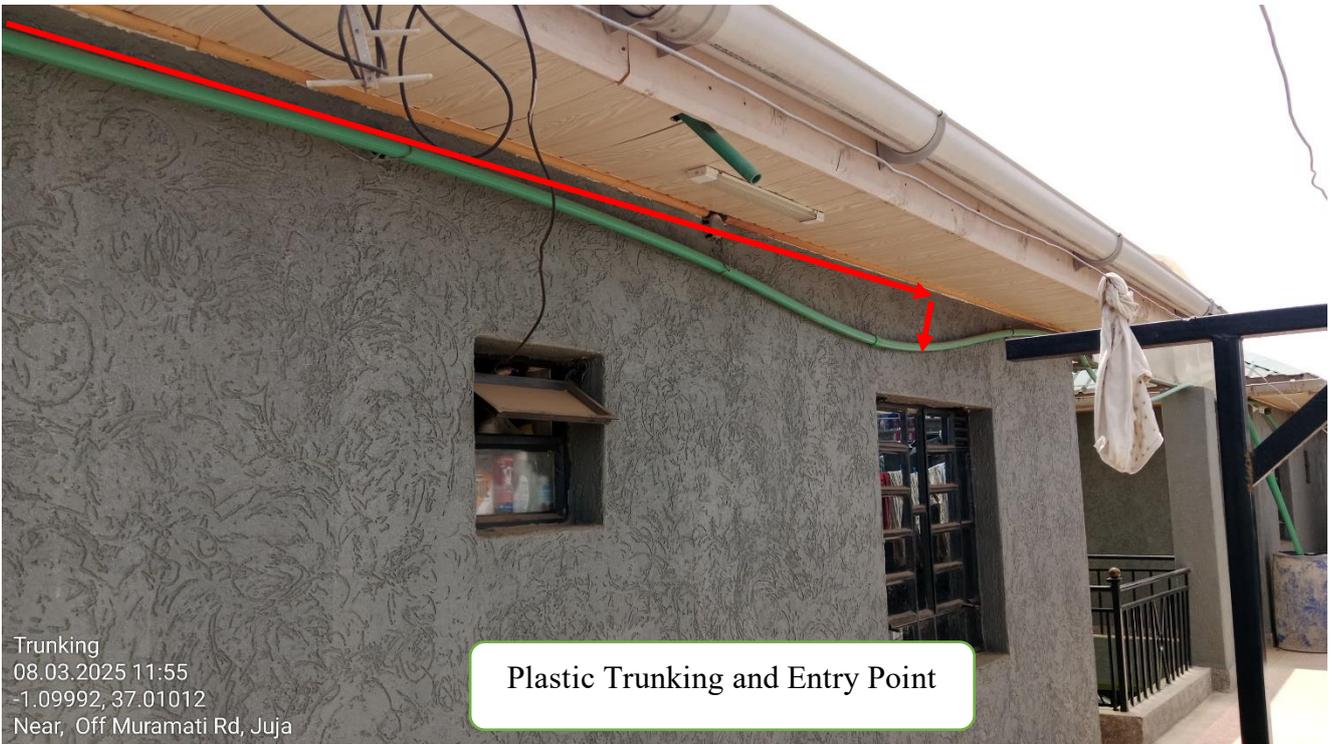
Plastic Trunking



Plastic Trunking



Plastic Trunking



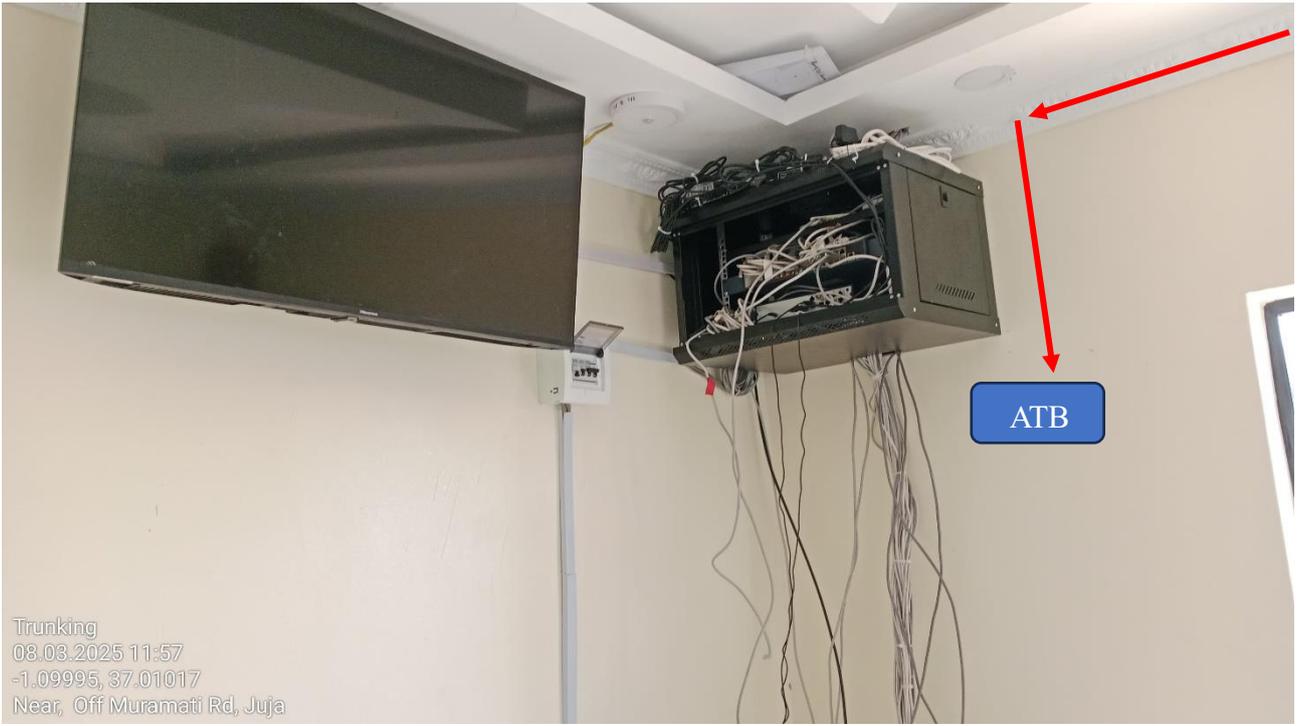
Trunking
08.03.2025 11:55
-1.09992, 37.01012
Near, Off Muramati Rd, Juja

Plastic Trunking and Entry Point



Trunking
08.03.2025 11:56
-1.09996, 37.01015
Near, Off Muramati Rd, Juja

Plastic Trunking and Entry Point



Plastic Trunking and ATB
Location

[Approval](#)

		Name	Date	Signature
Contractor	Surveyed By	Omiso Mokuu	8/03/2025	
	Drawn By	Omiso Mokuu	10/03/2025	
	Checked by	Ngaria Hudson	10/03/2025	
Safaricom	Approved by			
	Stamp			