



SAFARICOM FTTB PROJECTS FY 2024_2025 DESIGN FOR

Quavatel_FTTB_2024_2025_Quavatel_FTTB_2024_2025-GTD1400012992- GREENFIELD JUJA XIME TECHNOLOGIES

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SAFARICOM LIMITED		QUAVATEL LIMITED		PROJECT NAME :			DRAWING NAME :		
APPROVED BY		CHECKED BY		Safaricom FTTB Project			Title		
DATE		DATE		DESIGN MANAGER:	Drawing BY:	DATE:	SCALE:	VERSION	
				Hudson	Omiso	09/03/2025	N/A	VER.1	
Drawing No: Quavatel_FTTB_2024_2025-GTD1400012992-GREENFIELD JUJA XIME TECHNOLOGIES									

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RISK ANALYSIS PLAN

SAFETY SURVEY REPORT SUMMARY

1. Requirement manpower:

1. People to do pole accessories .
2. Competent personnel to do cable pulling and cable stringing.
3. Competent personnel to do ISP works.

2. Activities

1. Transportation of workers to site.
2. Use of hand tools e.g. banding tools.
3. Route barricading.
4. Cable pulling and Stringing.
6. Pole accessories installation.

3. Risks Identified on ground

1. Injury due to negligence of the safety rules on site.
2. Low hanging KPLC power lines
3. Body injury due to fall from height.
4. Avoid working close to power lines

4. Safety Measures

1. All work to be executed by competent personnel. muffs for the personnel using machines.
2. Appropriated PPE's to be used i.e. Helmets, safety goggles, and ear
3. Proper barricading, Use of signage posters and warning cones to control the traffics.
4. Site Files to be filled before commencement of the work to ensure all relevant information is communicated to all workers and records.
5. Avoid rigging wet poles.
6. The new cable to be stringed below the existing cable to avoid close power lines.

Hospital

1. Presidential Escort Hospital.

Police Station

1. Juja Police Station.

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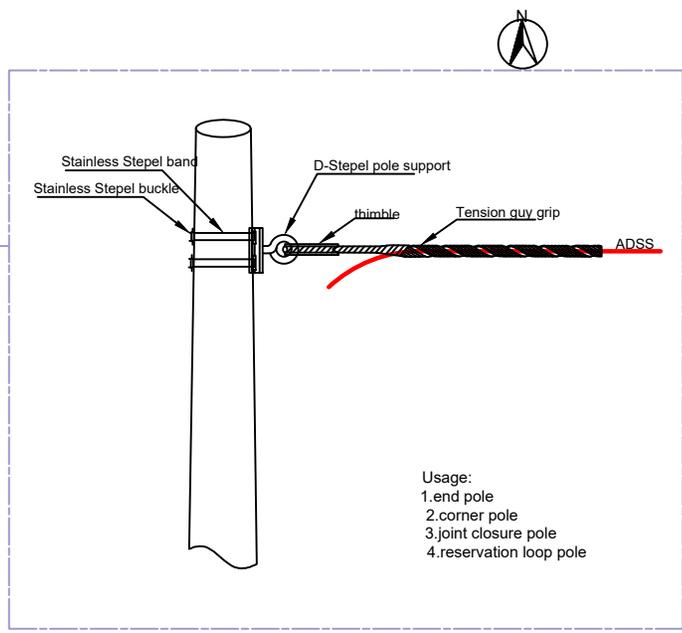
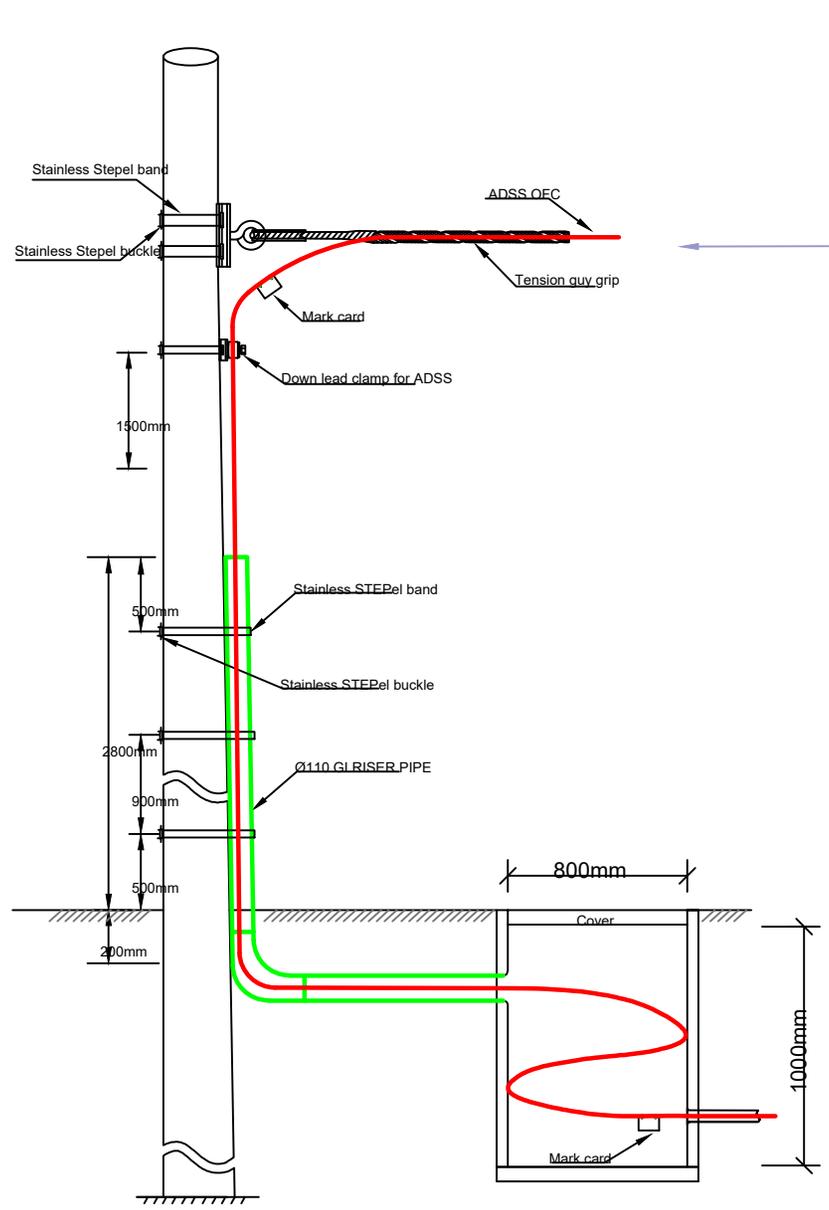
LEGEND

- Existing FOC
- 24C FOC
-  Existing manhole
-  New manhole
-  KPLC pole
-  New SFC pole
-  Third party MH
-  24 Port FAT.
-  Existing SFC pole
-  Site
-  Loop
-  New JB
-  Existing JB
-  ATB
- Existing NOFBI FOC

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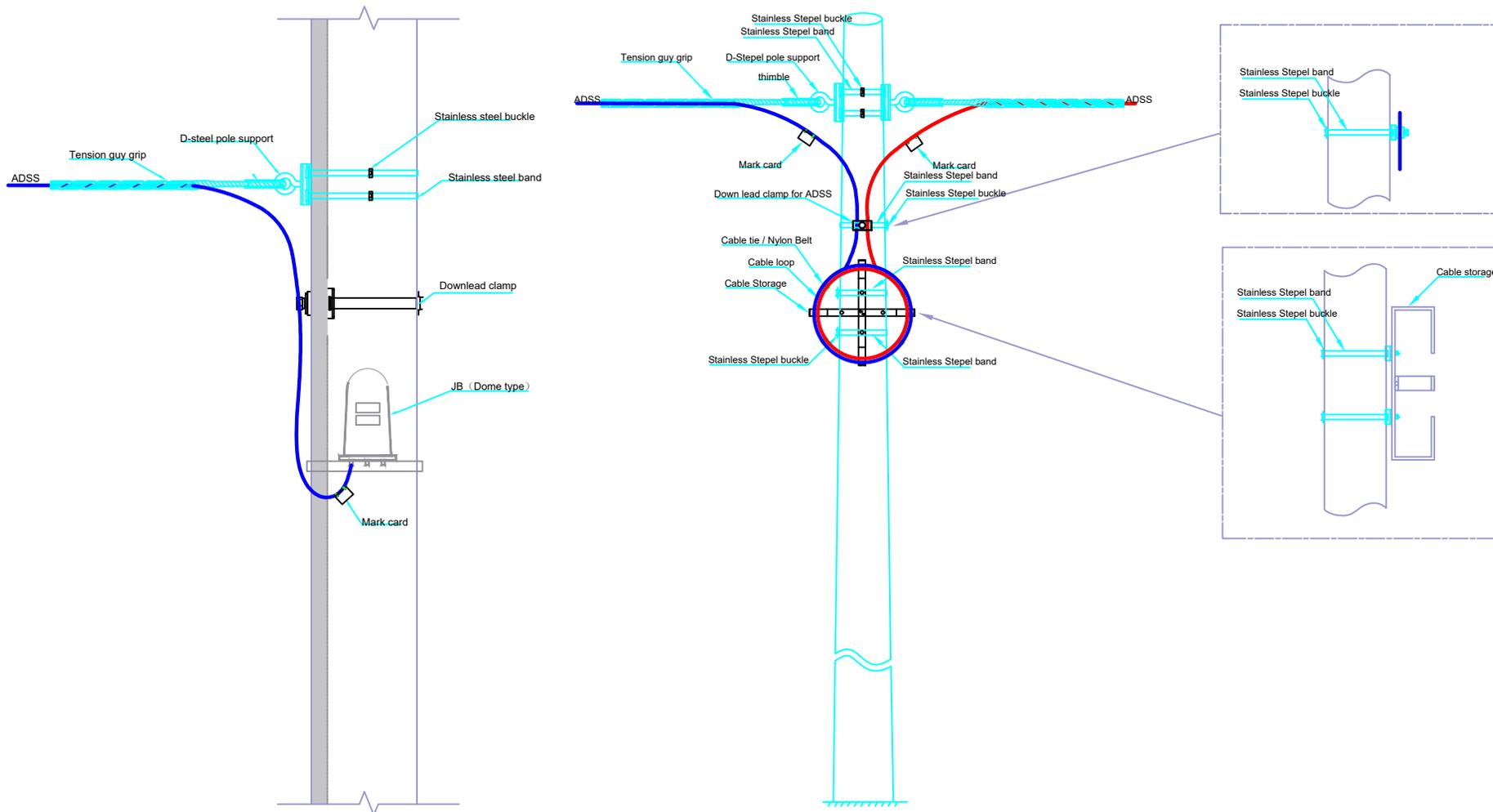
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- Usage:
1. end pole
 2. corner pole
 3. joint closure pole
 4. reservation loop pole

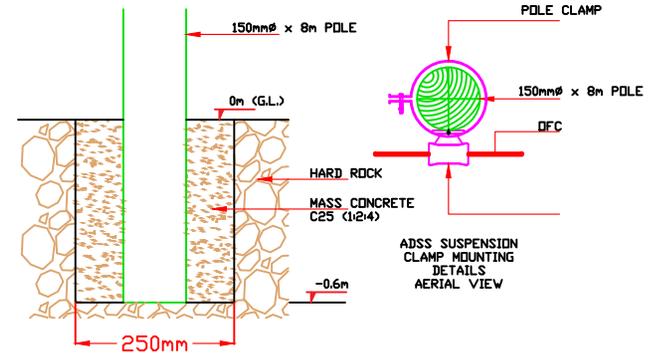
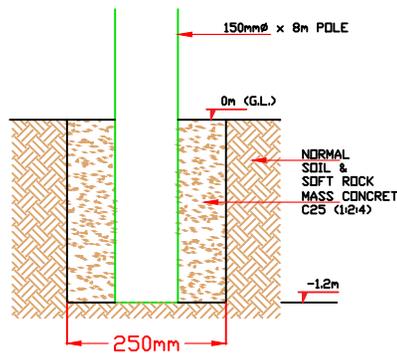
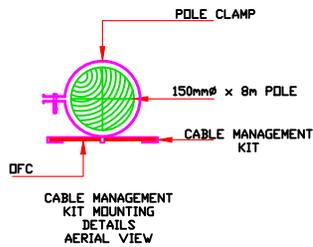
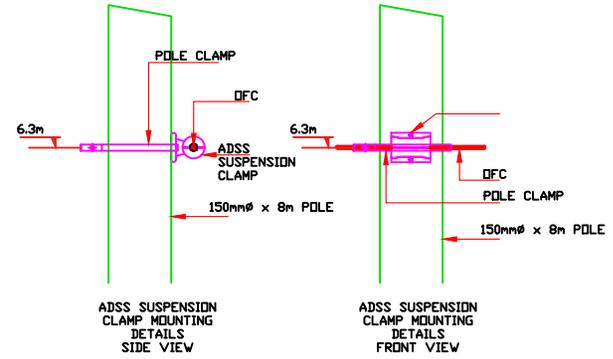
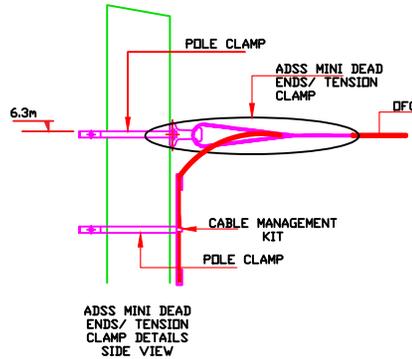
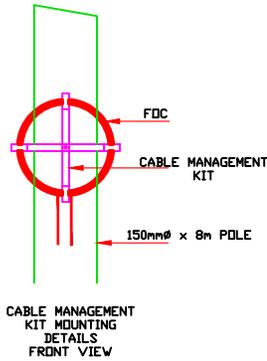
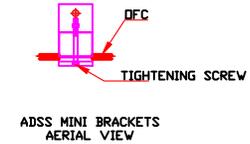
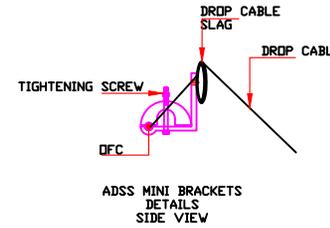
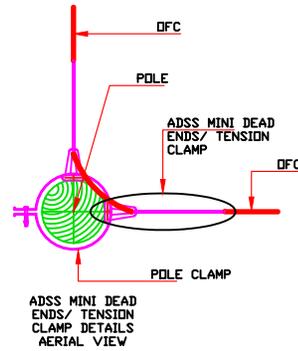
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Overhead fiber deployment on proposed poles technical Details



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Quavatel_FTTB_2024_2025-GTD1400012992-GREENFIELD JUJA XIME TECHNOLOGIES_HLD

Write a description for your map.

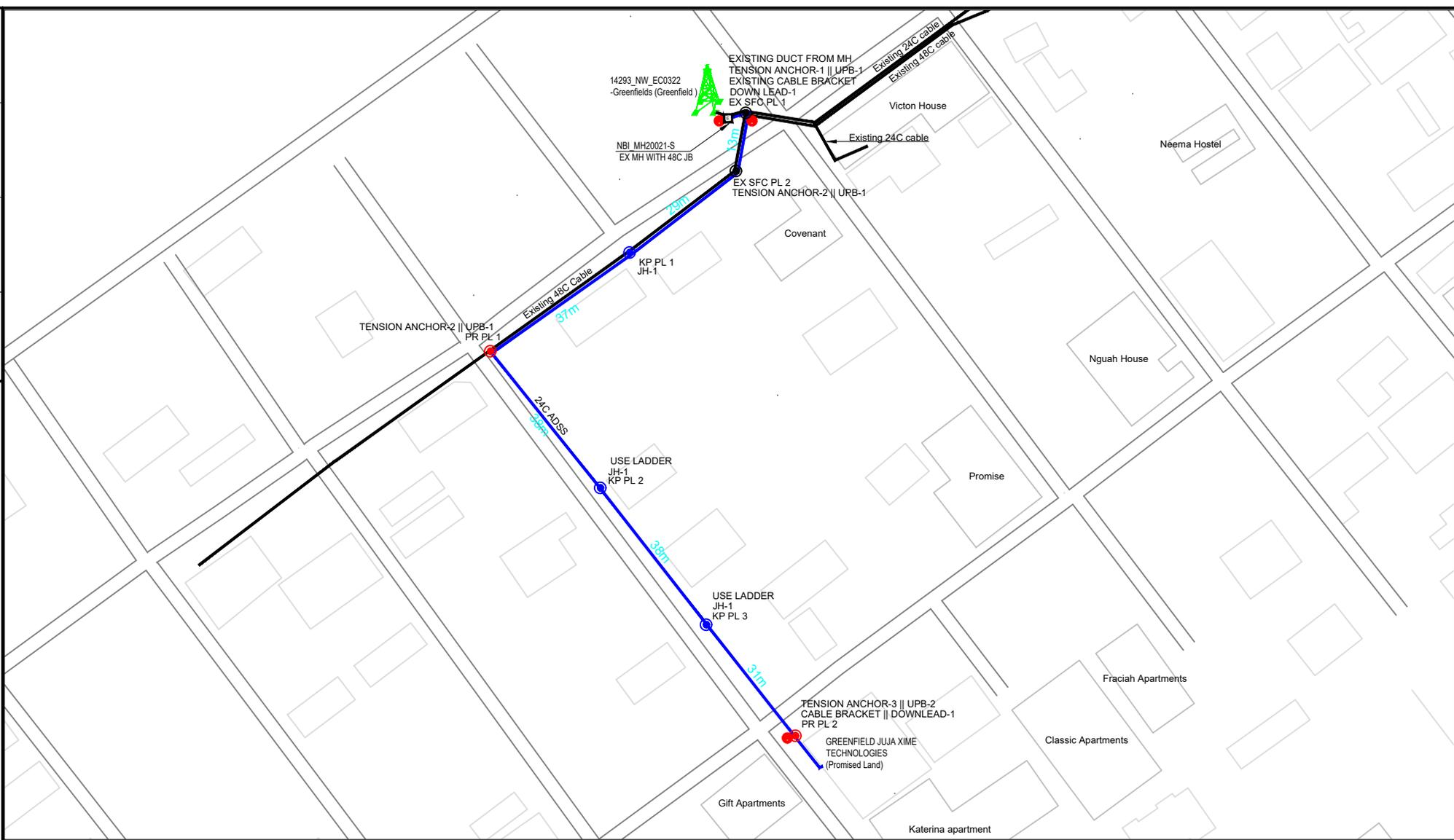
Legend

- 14293_NW_EC0322-Greenfields (Greenfield)
- 24C ADSS
- DOWN LEAD-1
- EX MH (NBI_MH20021-S) WITH 48C JB
- EX SFC PL
- Existing
- Feature 1
- KP PL
- PR PL 1



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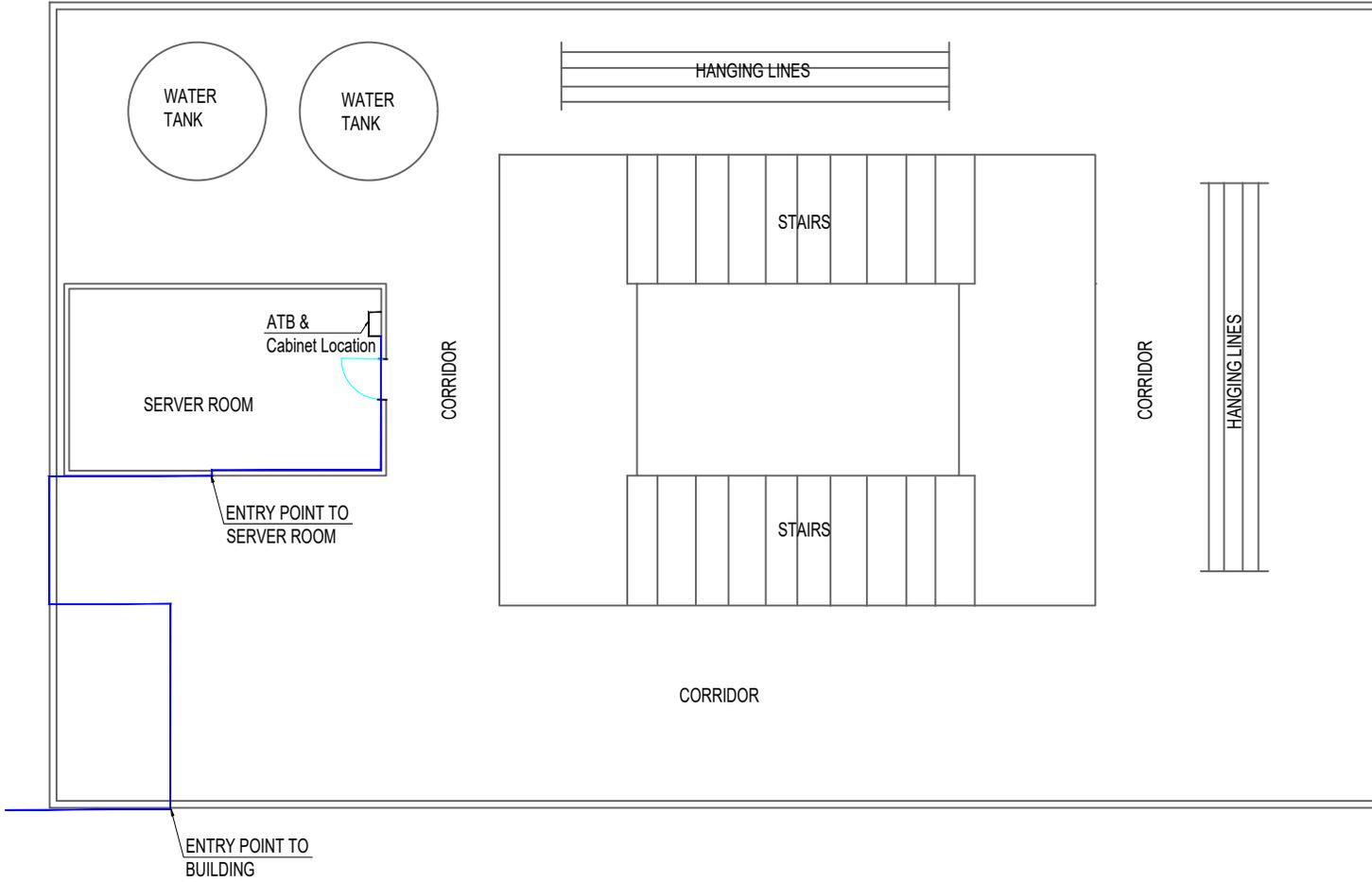
Main Workload

Route survey	ISP Route	Break and recover road surface				OSP1 Soil Profile				OSP2 Soil Profile				2C ATB	10m pole	8m poles	Tension Clamps	pole support	Plastic trunking		
		ASP	CON	BRC	GRA	NS	HS	SR	HR	NS	HS	SR	HR								
195	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1pc	0	2	8	0pc	60m

Core drilling	Manhole	Trenching	Cable Brackets	UPB	Downlead clamps	Pole markers	2C Drop Cable	48C ADSS Micro JB	24C Adss Cable	32mm HDPE duct	Cable Markers	Flex	24 Port FAT
0	0pc	0	1	5	2	0	0m	0	350	10	7	3	0 pc

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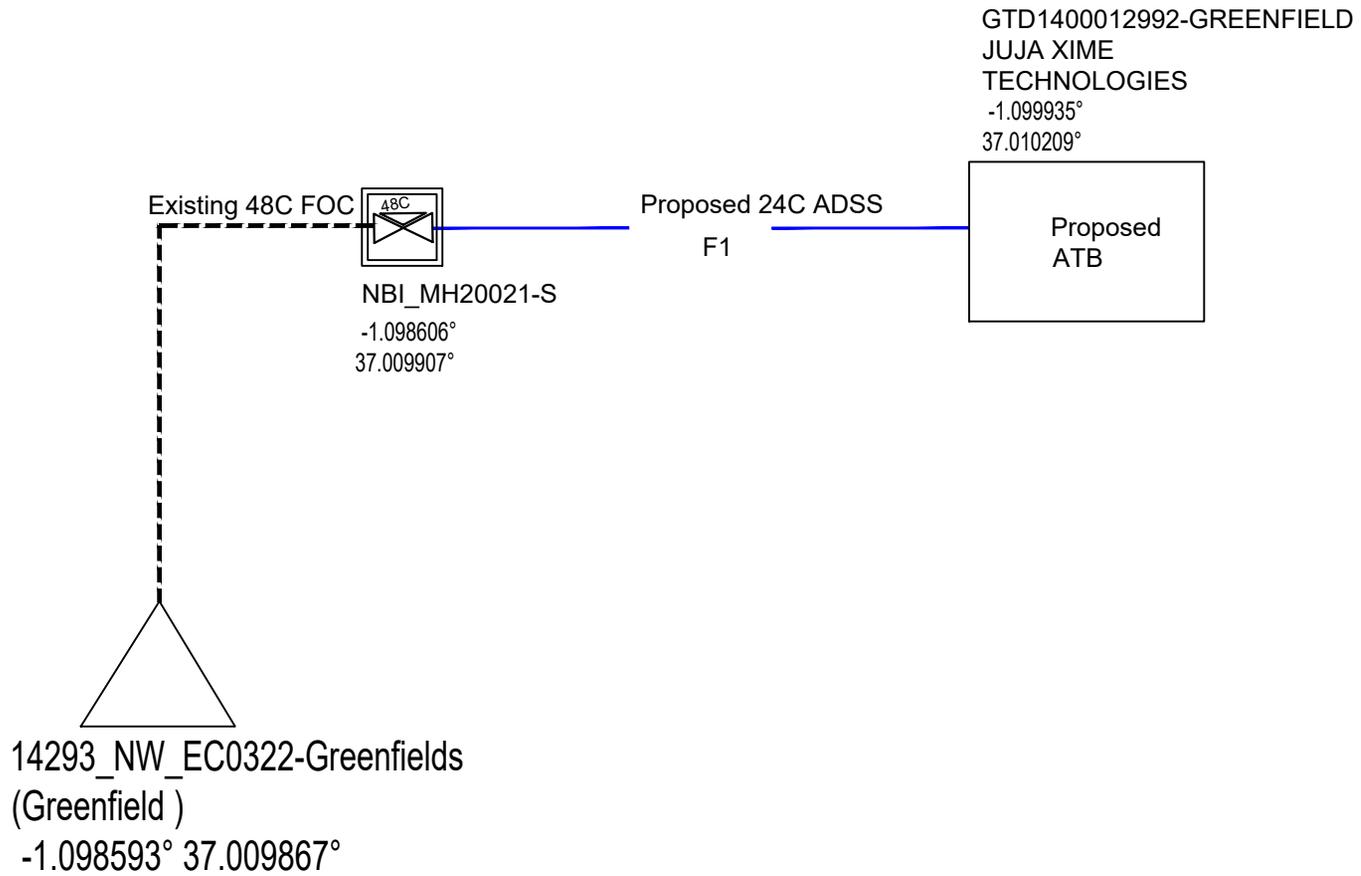
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Poles Label	LONGITUDE	LATITUDE	Cable Markers	Universal pole Bracket	JHOOK	Pole Tension Clamp	Pole Cable Bracket	Pole Down-lead clamp
EX SFC PL 2	37.0099008	-1.0987109	2	1		2		
EX SFC PL 1	37.0099198	-1.0985976	1	1		1	1	1
PR PL 2	37.010014	-1.0998221	2	2		3		1
PR PL 1	37.0094261	-1.0990715	2	1		2		
KPLC C PL 1	37.0096918	-1.0988764			1			
KPLC C PL 2	37.0096376	-1.0993369			1			
KPLC C PL 3	37.0098421	-1.0996037			1			
			7	5	3	8	1	2

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APPROVED BY		CHECKED BY		Safaricom FTTB Project		Pole Utilization							
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