

Co-signature			
Subject			
Name			
Date			



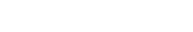
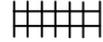
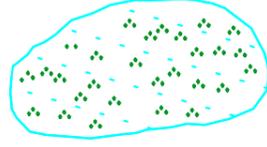
PRD
FOR



FIBER OPTIC WORKS

SOUTHERN STAR

Date	
Name	
Subject	
Co-signature	

	New Route(Underground)		Drawing connect		Groove
	New Route(KPLC Overhead)		Cable reservation in man hole		Electric line
	Existing Duct		Label for special case		Railway
	New Route(LIT Overhead)		Tree		Drainage
	Handhole		Dry land		mountain or hill
	Existing manhole		Hurst		Road and street
	New Manhole		Grass		Under construction road
	Existing Kplc Concrete Pole		Building		Pond or lake
	Existing Kplc Wooden Pole		Concrete bridge		Compass
	Existing LIT Pole		metalic bridge		GPS
	Proposed Pole(P.P)		Culvert		Fence
	OFC joint		River		Oil site
	MIDSPAN LOOP (10meters length for maintenance) INSIDE MANHOLE		Swamp		Tower
	SPLICE LOOP (15meters each side of OFC) INSIDE MANHOLE				

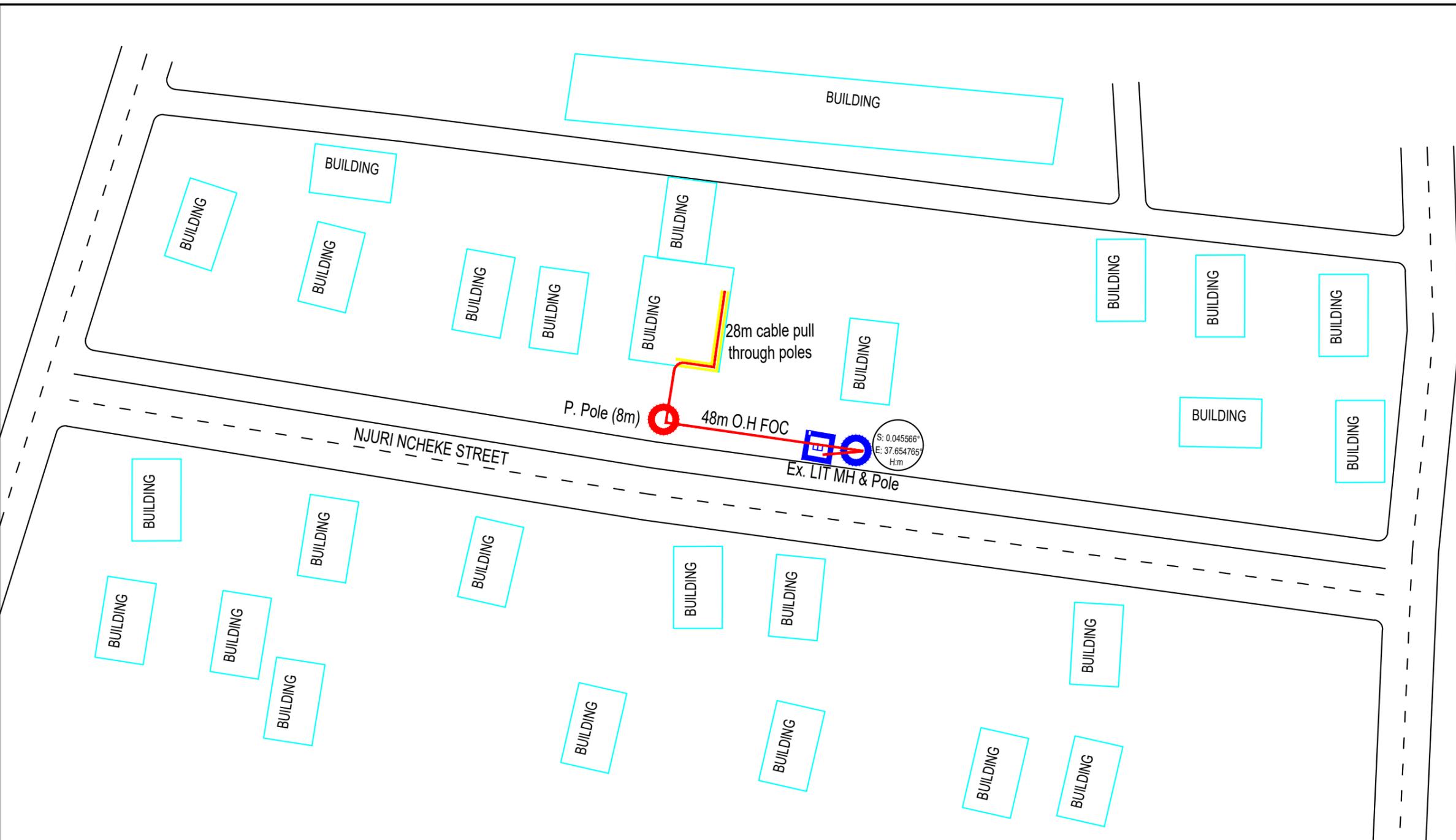
LIQUID INTELLIGENT TECHNOLOGIES		CALIKEN NETWORKS		PROJECT NAME :			DRAWING NAME :		
	APPROVED BY		CHECKED BY	BUILDING ENTRY			SOUTHERN STAR SACCO		
	DATE		DATE	DESIGN MANAGER:	Drawing BY:	DATE:	SCALE:	VERSION	
					MORARA	26/06/2025	N/A	VER.1	
Drawing No:2									

Date	
Name	
Subject	
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LIQUID INTELLIGENT TECHNOLOGIES		CALIKEN NETWORKS		PROJECT NAME :		DRAWING NAME :			
APPROVED BY		CHECKED BY		BUILDING ENTRY		SOUTHERN STAR			
DATE		DATE		DESIGN MANAGER:	Drawing BY:	DATE:	SCALE:	VERSION	
					MORARA	26/06/2025	N/A	VER.1	
Drawing No:3									

Co-signature	Name	Date



Main Workload																									
Route survey	Route clean	Break and recover road surface				OSP Soil Profile				ISP SCOPE			Joint Box(pcs)	Warning tape	Manhole (pcs)	PVC (Pcs)	ADSS Scope								
		ASP.	Tiles.	Slab	Cabro	Tar.	HS.	SR	HR	GI.Pipe (pcs)	Flex (m)	Trunking (pcs)					P.P (8m)	P.P (10m)	P.P (12m)	Kplc Poles	Ex.LIT Poles	Linear O.H Cable(m)	Storage B (pcs)	ADSS Slag(m)	ADSS Survey
110	0	0	0	0	0	0	0	0	0	0	3	10	0	0	0	0	1	0	0	0	0	48	0	0	110

HDPEΦ110		Concrete envelop	1 way Micro duct	2 way 32mm duct		Core Drilling		Open window in manhole(pcs)	BOSAL Works		Cable Core Size
Thrustboring	Bridge/ Drng			Existing duct	Trenching	Breaking wall(pcs)	Breaking ceiling(pcs)		Above 5m	Under 5m	
0	0	0	0	0	0	0	0	0	0	0	24C

LIQUID INTELLIGENT TECHNOLOGIES		CALIKEN NETWORKS		PROJECT NAME :		DRAWING NAME :			
APPROVED BY		CHECKED BY		BUILDING ENTRY		SUTHERN STAR			
DATE		DATE		DESIGN MANAGER:	Drawing BY:	DATE:	SCALE:	VERSION	
					MORARA	26/06/2025	N/A	VER.1	
Drawing No:4									

