

Cleveland-Fibre Infrastructure Plan

Project Details

Clients Name	UPD002 Communications		
Project Description	Cleveland		
Survey Date:	29/11/2024		
Representative:	Name	Contact	Email
Designed By:	Keith	0795847886	Keith.nhau8@gmail.com
Representative 1:	Lindani Mpofo	0726884513	Lindani@upd002secsolsy.co.za
Representative 2:	Broman Nkosi	0614077653	Broman@upd002secsolsys.co.za



Site Details

Site Name	Cleveland		
Site Address	Malvern Primary School, Gauteng		
Suburb	Cleveland		
PONs	1-3		
Home Pass	783+FTTB+MDU's		
Region	Gauteng		
Type of Build	Aerial_Midblock Pole/FTTH		
Co-ordinates	Lat: 26°12'5.12"S	Long: 28° 6'26.22"E	
Site ID	CL28112024		
Site Owner	UPD002 Communications		

PROPOSED POP LOCATION

TOPO LOCATION

Contractor deliverables:

Site Planning Approved by Landlord / Client.

Signature:

Name:

Date:

PLANNED BY:

Keith

PROJECT No:

Cleveland

PROJECT DESCRIPTION: Provide FTTH fibre Infrastructure To
Cleveland



UPD002
Communications

REGION:GP

Drawing: Site Survey
Report
Date: 2024/12/01

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Feeder Layout



Color Legend					
	Distribution Route 1		Bosal Pipe/ PVC Pipe / Trunking		Existing Sleeve
	Distribution Route 2		Existing MH		Existing Splitter
	Main Feeder		New MH Route 1		New Splitter
	Link Feeder		New MH Route 2		7m Wooden Poles Turning/Pass Through
	Road Crossing		Existing Fibre Distribution Point (FPON/FTP)		9m Wooden Poles for Crossing
	New HH Route 1		New Fibre Distribution Point (FPON/FTP)		7m Wooden Poles/Main Joints
	New HH Route 2		Existing Local Cross connect (LCC)		8m Wooden Poles/Link Joints
	Existing Draw Box Route		New Local Cross connect (LCC)		
	New Draw Box Route 1		Existing Optical Distribution Unit (ODU / NPON)		
	New Draw Box Route 2		New Optical Distribution Unit (ODU / NPON)		



REVISION						REGION: GP	
No.	NATURE OF REVISION	DATE	SIGNATURE	AUTHORITY		Drawing: FTTH Plan	
SCALE:		PLANNED BY:		PROJECT No:		PROJECT DESCRIPTION:	Date: 2024/12/01
N.T.S.		Keith		Cleveland		Cleveland	Page 2 of 9

Infrastructure Breakdown



Color Legend				REVISION						REGION: GP
	Distribution Route 1		Bosal Pipe/ PVC Pipe / Trunking		Existing Sleeve	No.	NATURE OF REVISION	DATE	SIGNATURE	AUTHORITY
	Distribution Route 2		Existing MH		Existing Splitter					
	Main Feeder		New MH Route 1		New Splitter					
	Link Feeder		New MH Route 2		7m Wooden Poles Turning/Pass Through					
	Road Crossing		Existing Fibre Distribution Point (FPON/FTP)		9m Wooden Poles for Crossing					
	New HH Route 1		New Fibre Distribution Point (FPON/FTP)		7m Wooden Poles/Main Joints					
	New HH Route 2		Existing Local Cross connect (LCC)		8m Wooden Poles/Link Joints					
	Existing Draw Box Route		New Local Cross connect (LCC)			SCALE:	PLANNED BY:	PROJECT No:	PROJECT DESCRIPTION:	Date: 2024/12/01
	New Draw Box Route 1		Existing Optical Distribution Unit (ODU / NPON)			N.T.S.	Keith	Cleveland	Cleveland	Page 3 of 9
	New Draw Box Route 2		New Optical Distribution Unit (ODU / NPON)							

PON 1



12F Mini adss-62m-Route 2

12F Mini adss-271m-Route 3

	Distribution Route 1		Bosal Pipe/ PVC Pipe / Trunking		Existing Sleeve
	Distribution Route 2		Existing MH		Existing Splitter
	Main Feeder		New MH Route 1		New Splitter
	Link Feeder		New MH Route 2		7m Wooden Poles Turning/Pass Through
	Road Crossing		Existing Fibre Distribution Point (FPON/FTP)		9m Wooden Poles for Crossing
	New HH Route 1		New Fibre Distribution Point (FPON/FTP)		7m Wooden Poles/Main Joints
	New HH Route 2		Existing Local Cross connect (LCC)		8m Wooden Poles/Link Joints
	Existing Draw Box Route		New Local Cross connect (LCC)		
	New Draw Box Route 1		Existing Optical Distribution Unit (ODU / NPON)		
	New Draw Box Route 2		New Optical Distribution Unit (ODU / NPON)		



REVISION				
No.	NATURE OF REVISION	DATE	SIGNATURE	AUTHORITY
SCALE:		PLANNED BY:	PROJECT No:	
N.T.S.	Keith	Cleveland		



REGION: GP

Drawing: FTTH Plan

Date: 2024/12/01

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Color Legend						REVISION						REGION: GP		
	Distribution Route 1		Bosal Pipe/ PVC Pipe / Trunking			Existing Sleeve	No.	NATURE OF REVISION	DATE	SIGNATURE		AUTHORITY	Drawing: FTTH Plan	
	Distribution Route 2		Existing MH			Existing Splitter								
	Main Feeder		New MH Route 1			New Splitter								
	Link Feeder		New MH Route 2			7m Wooden Poles Turning/Pass Through								
	Road Crossing		Existing Fibre Distribution Point (FPON/FTP)			9m Wooden Poles for Crossing								
	New HH Route 1		New Fibre Distribution Point (FPON/FTP)			7m Wooden Poles/Main Joints	SCALE:		PLANNED BY:			PROJECT No:	PROJECT DESCRIPTION:	Date: 2024/12/01
	New HH Route 2		Existing Local Cross connect (LCC)			8m Wooden Poles/Link Joints	N.T.S.	Keith		Cleveland		Cleveland	Page 5 of 9	
	Existing Draw Box Route		New Local Cross connect (LCC)											
	New Draw Box Route 1		Existing Optical Distribution Unit (ODU / NPON)											
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	Distribution Route 2		Existing MH		Existing Splitter									
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	New Draw Box Route 1		Existing Optical Distribution Unit (ODU / NPON)											
	New Draw Box Route 2		New Optical Distribution Unit (ODU / NPON)											

FTTB & MDU'S

Businesses' & MDU's

1375m-72F-LC01-CLEVELAND FTTB&MDU's

MH01
MH02
MH03
MH04
MH05
MH06
MH07
MH08
MH09
MH026
LCMH02

Parrot Products - Johannesburg (Head...)
Marthinussen & Coutts Cleveland

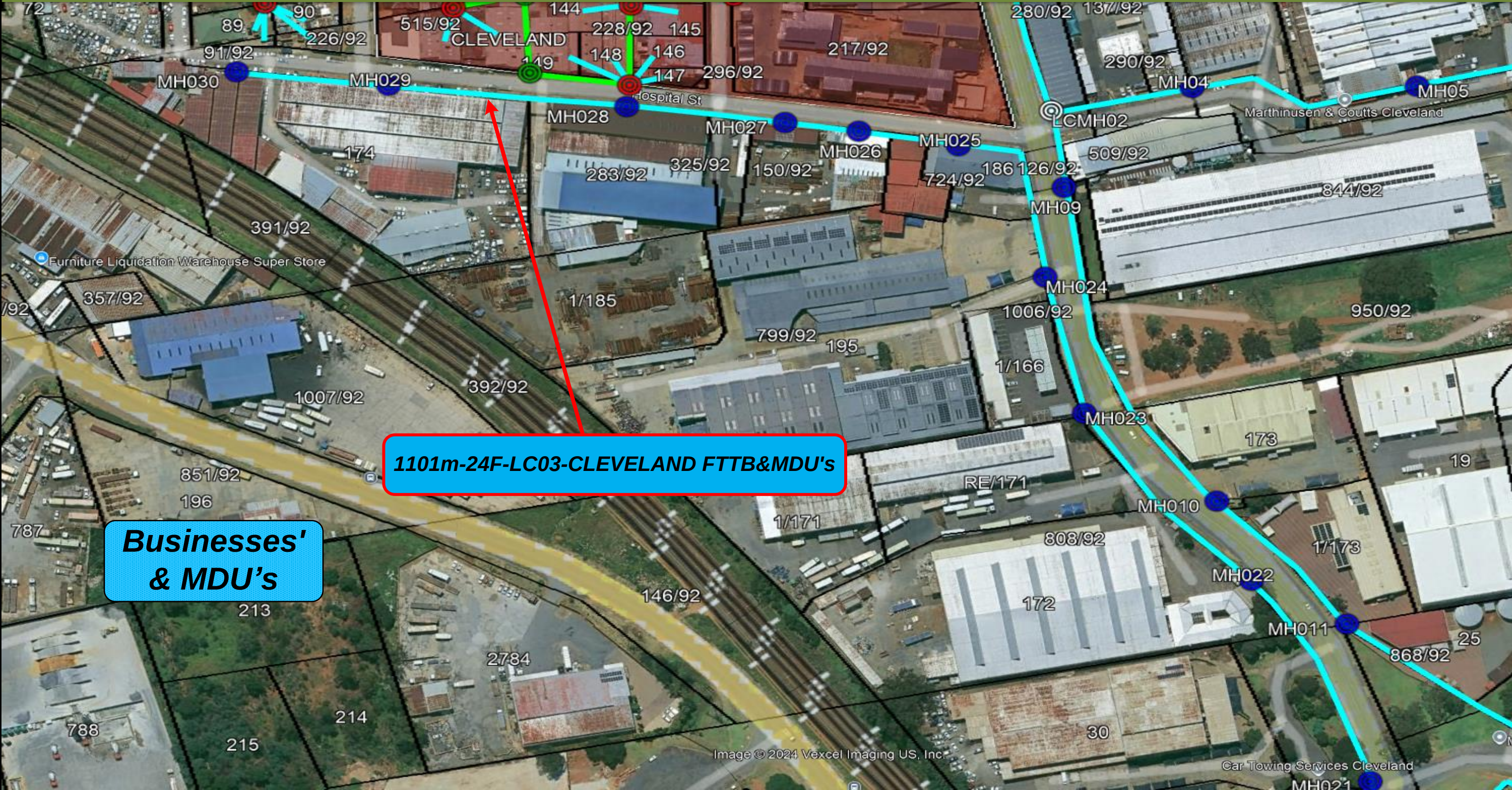
CLEVELAND

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217/92
280/92
137/92
290/92
509/92
126/92
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724/92
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670/92
501/92
154
817/92
1960
688/92
121/92
576/92
811/92
173/92
524
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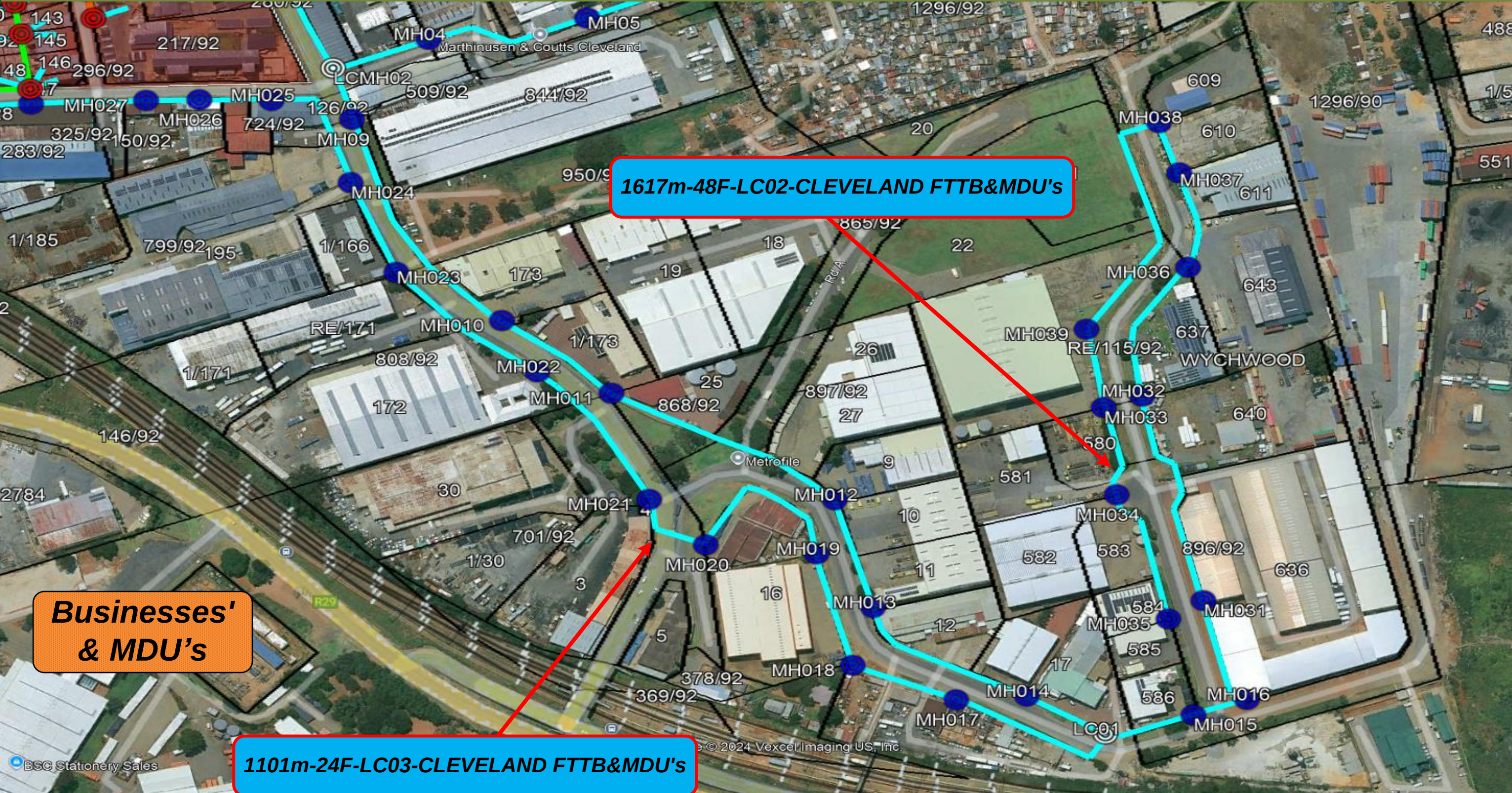
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FTTB & MDU's



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FTTB & MDU's



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