

Project Name – Technical Proposal



Company Name :	WINSOME ENGINEERING SDN BHD
Company Address :	PMT 2228, JALAN BERAPIT,14000, BUKIT MERTA JAM, PULAU PINANG
Prepared By :	RAMESH
Date :	07/11/2025



A1



B2

Site/Boundary Name	SPUR KUALA KURAU - PRAI
Address	Jalan Ipoh - Butterworth
District	Parit Buntar, Perak
Postcode	34200
State	Perak
GPS Coordinate	5.114768,100.480086
LRD	A1

Site/Boundary Name	SPUR KUALA KURAU - PRAI
Address	Jalan Ipoh - Butterworth
District	Parit Buntar, Perak
Postcode	34200
State	Perak
GPS Coordinate	5.130508,100.472505
LRD	B2

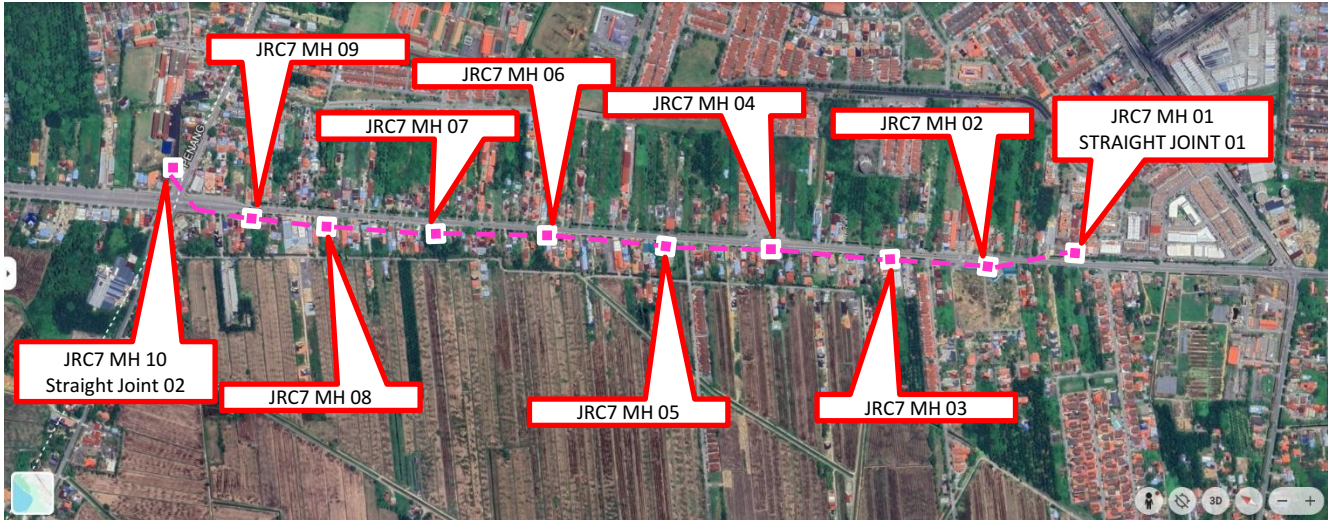
Work Summary

	Proposed Distance and Method	Unit	Qty
1	Horizontal Directional Drilling (HDD)	m	2011
2	Carriage Way Open trench (CW)	m	-
3	Grass Verge Open Trenching (GW)	m	-
4	Micro Trenching (MT)	m	-
5	Cable Pulling (144F)	m	2100
		Total	4111

	Other Information	Unit	Qty
1	Proposed Manhole (JRC7)	NOS	10
2	Proposed Pole (7.5m)	NOS	-
3	Proposed Pole (9.0m)	NOS	-
4	Joint Closure	NOS	02
5	Proposed G.I Riser	NOS	-
6	Proposed Hub Box	NOS	-
7	Proposed Sub Box	NOS	-
8	Proposed End Box	NOS	-
9	Estimated time required for completion	Days	60

	RDF Cable Requirement	Unit	Qty
1	50 meter	NOS	-
2	100 meter	NOS	-
3	150 meter	NOS	-
4	200 meter	NOS	-
5	250 meter	NOS	-
6	300 meter	NOS	-

Site Plan – KMZ Routing (Manhole)



PROPOSED MANHOLE COORDINATE		
MANHOLE NUMBER	LATITUDE	LONGITUDE
JRC7 MH 01	5.114290	100.480151
JRC7 MH 02	5.116252	100.479278
JRC7 MH 03	5.117918	100.478434
JRC7 MH 04	5.119855	100.477267
JRC7 MH 05	5.121754	100.476295
JRC7 MH 06	5.123727	100.475294
JRC7 MH 07	5.125707	100.474267
JRC7 MH 08	5.127577	100.473312
JRC7 MH 09	5.128812	100.472674
JRC7 MH 10	5.130531	100.472442














KELULUSAN PLAN

Local Authorities: -








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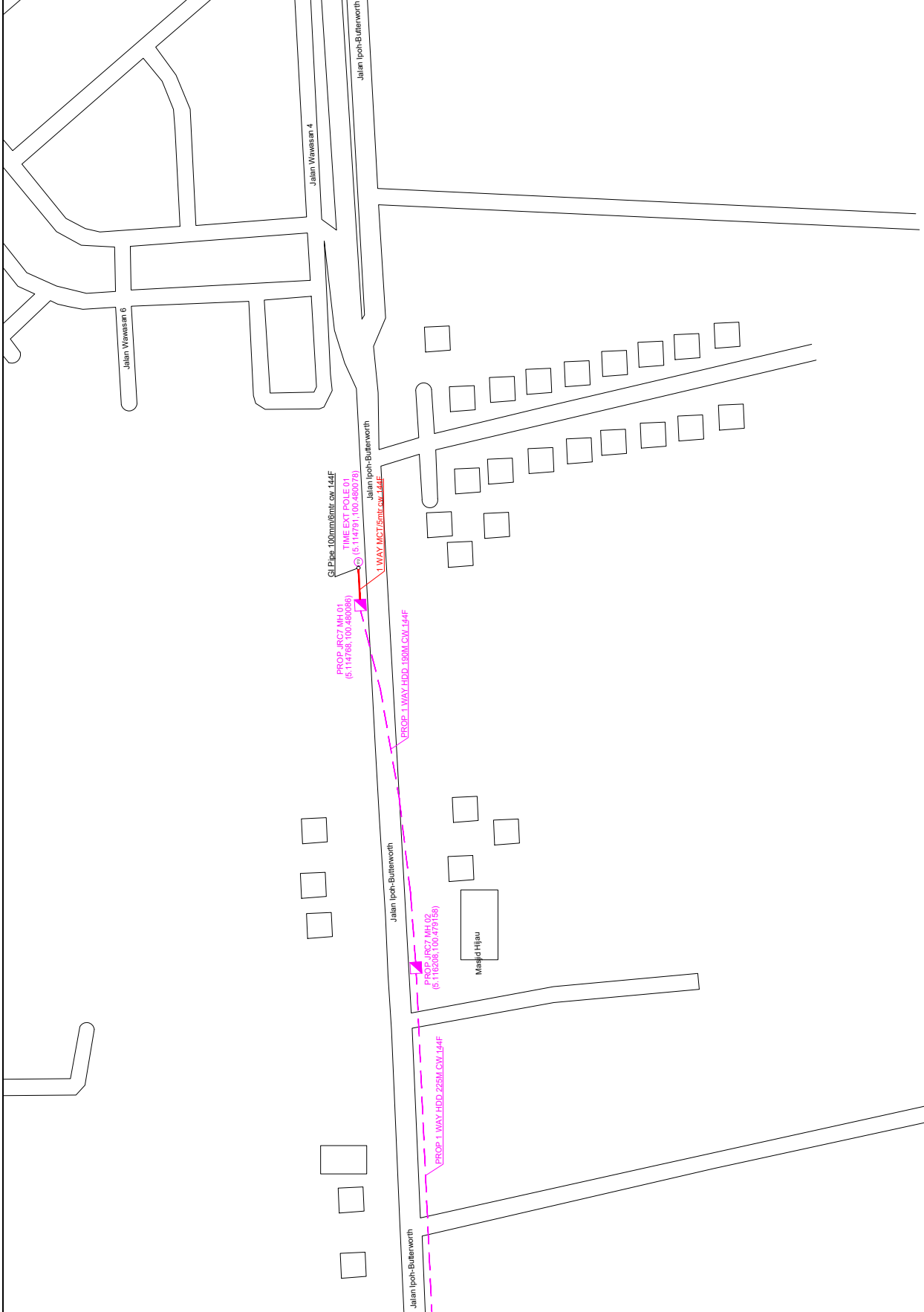
LEGEND :- OUTSIDE PLANT

-  = BUILDING MANHOLE
-  = BUILDING PIT
-  = PROPOSED TIME MANHOLE
-  = EXISTING TIME MANHOLE
-  = EXISTING TIME MANHOLE (IB30)
-  = PROPOSED HDD
-  = EXISTING TIME DUCT ROUTE
-  = PROPOSED TIME DUCT TO BUILDING
-  = EXISTING BUILDING DUCT ROUTE
-  = EXISTING BUILDING CABLE TRAY
-  = PROPOSED TRUNKING
-  = PROPOSED CONDUIT
-  = PROPOSED OPENCUT

SCHEDULE OF QUANTITY

SYMBOL	DESCRIPTION	QTY
	TIME EXISTING MANHOLE	-
	PROPOSED JRC7	10
	PROPOSED HDD	2011 MTR
	PROPOSED MICROTRENCHING	10 MTR
	EXISTING TIME POLE	02
	PROPOSED 144C	2100 MTR
	PROPOSED GI	02

DRAWING SCALE:		DRAWING UNITS:
NTS		METER
PREPARED BY:	RA MESH	INITIAL & DATE:
DESIGNED BY:	WINSOME ENG.	INITIAL & DATE:
CHECKED BY:	-	INITIAL & DATE:
APPROVED BY:	-	INITIAL & DATE:



PROJECT TITLE:	
OSP Network: Proposed to upgrade from overhead infrastructure to underground infrastructure for Link Kuala Kurau - Prati - 2km	
DRAWING TITLE:	SITE PLAN DRAWING (TECHNICAL PROPOSAL (TP) FOR LAST MILE LINK AND BUILDING ACCESS)
DRAWING NO:	SHEET NO: 1 / 4

timeTM

TT dotCom Sdn Bhd (52371-A)
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 Tel: +60 3 5032 6000
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REV. NO.	REV. DATE	REV. BY	DESCRIPTION:
01	17/11/2025	RAMESH	

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- = EXISTING BUILDING CABLE TRAY
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- = PROPOSED CONDUIT
- = PROPOSED OPENCUT

SCHEDULE OF QUANTITY

SYMBOL	DESCRIPTION	QTY
<input checked="" type="checkbox"/>	TIME EXISTING MANHOLE	-
<input checked="" type="checkbox"/>	PROPOSED JRC7	10
<input type="checkbox"/>	PROPOSED HDD	2011 MTR
<input type="checkbox"/>	PROPOSED MICROTRENCHING	10 MTR
<input type="checkbox"/>	EXISTING TIME POLE	02
<input type="checkbox"/>	PROPOSED 144C	2100 MTR
<input type="checkbox"/>	PROPOSED GI	02

DRAWING SCALE:		DRAWING UNITS:	
NTS	METER	INITIAL & DATE:	—
PREPARED BY:	RA MESH	INITIAL & DATE:	07.11.2025
DESIGNED BY:	WINSOME ENG.	INITIAL & DATE:	—
CHECKED BY:	—	INITIAL & DATE:	—
APPROVED BY:	—	INITIAL & DATE:	—



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DRAWING TITLE:	SITE PLAN DRAWING (TECHNICAL PROPOSAL (TP) FOR LAST MILE LINK AND BUILDING ACCESS)
DRAWING NO.:	SHEET NO: 2 / 4

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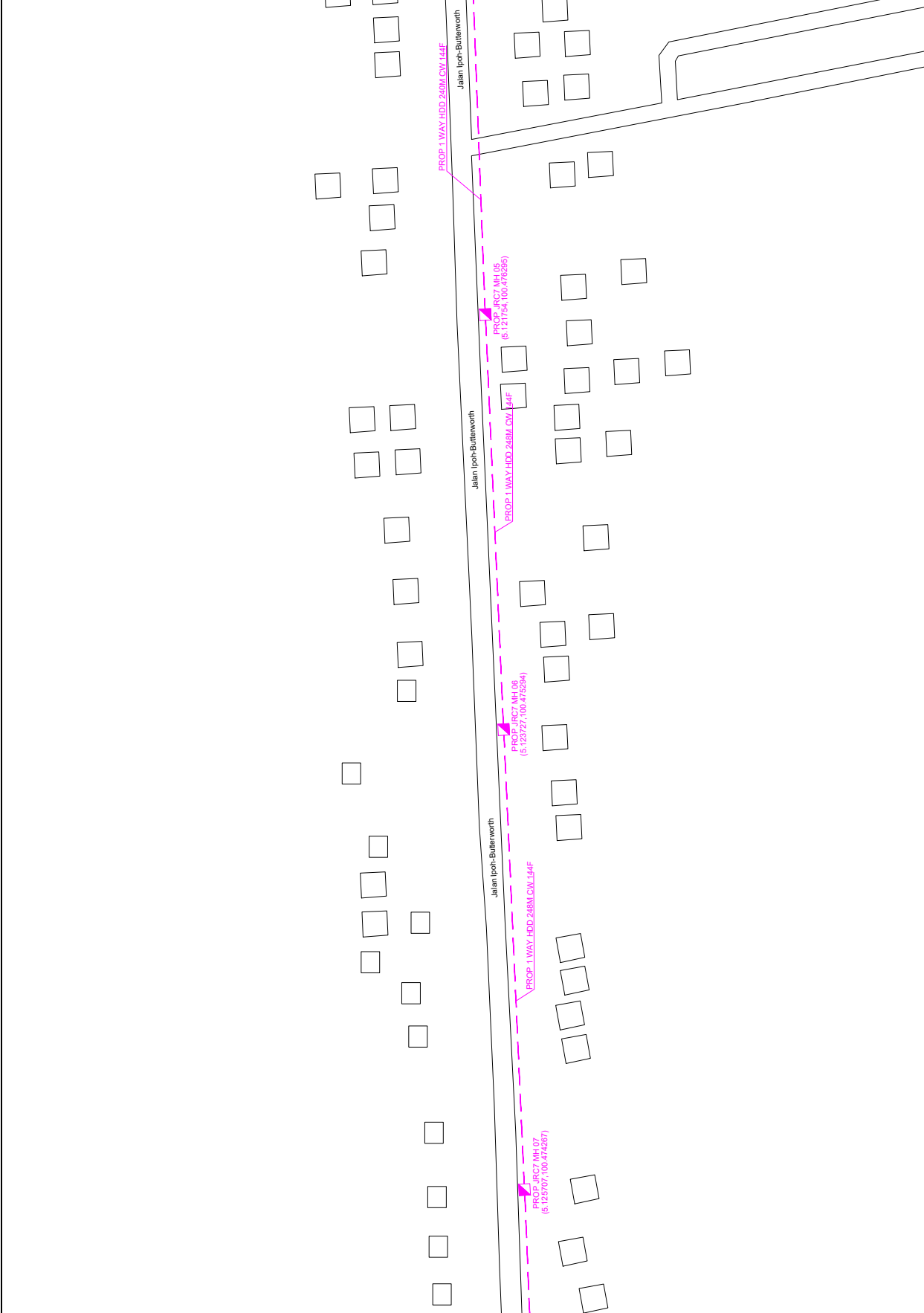
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SCHEDULE OF QUANTITY

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<input checked="" type="checkbox"/>	EXISTING TIME POLE	02
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<input checked="" type="checkbox"/>	PROPOSED GI	02

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CHECKED BY:	-	INITIAL & DATE:	-
APPROVED BY:	-	INITIAL & DATE:	-



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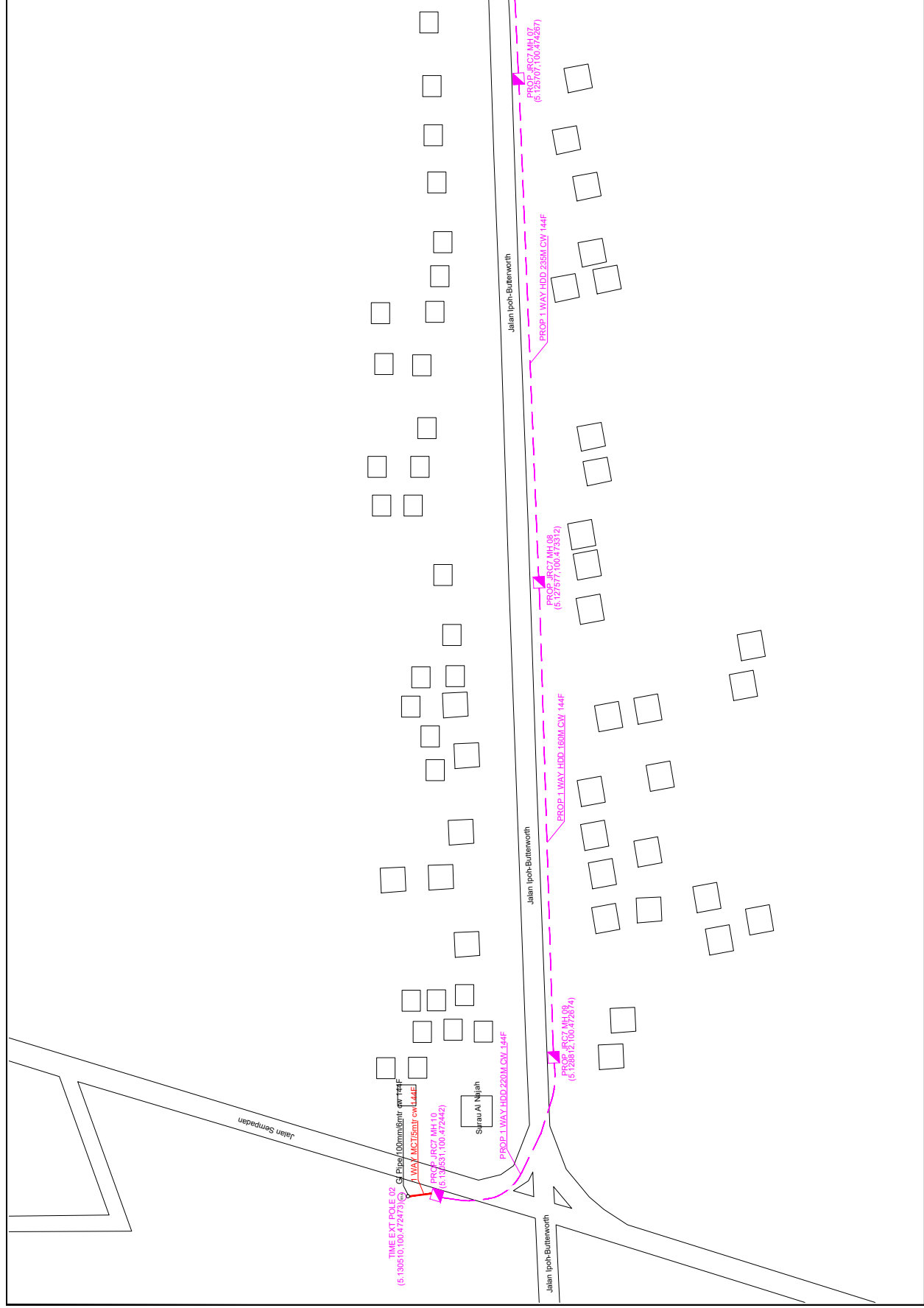
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- = PROPOSED TIME MANHOLE
- = EXISTING TIME MANHOLE
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- = PROPOSED TIME DUCT ROUTE
- = EXISTING BUILDING DUCT ROUTE
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SCHEDULE OF QUANTITY

SYMBOL	DESCRIPTION	QTY
	TIME EXISTING MANHOLE	-
	PROPOSED JRC7	10
	PROPOSED HDD	2011 MTR
	PROPOSED MICROTRENCHING	10 MTR
	EXISTING TIME POLE	02
	PROPOSED 144C	2100 MTR
	PROPOSED GI	02

DRAWING SCALE:		DRAWING UNITS:	
NTS			METER
PREPARED BY:	RA MESH	INITIAL & DATE:	07.11.2025
DESIGNED BY:	WINSOME ENG.	INITIAL & DATE:	-
CHECKED BY:	-	INITIAL & DATE:	-
APPROVED BY:	-	INITIAL & DATE:	-



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DRAWING TITLE: SITE PLAN DRAWING (TECHNICAL PROPOSAL (TP) FOR LAST MILE LINK AND BUILDING ACCESS)	
DRAWING NO:	SHEET NO: 4/4

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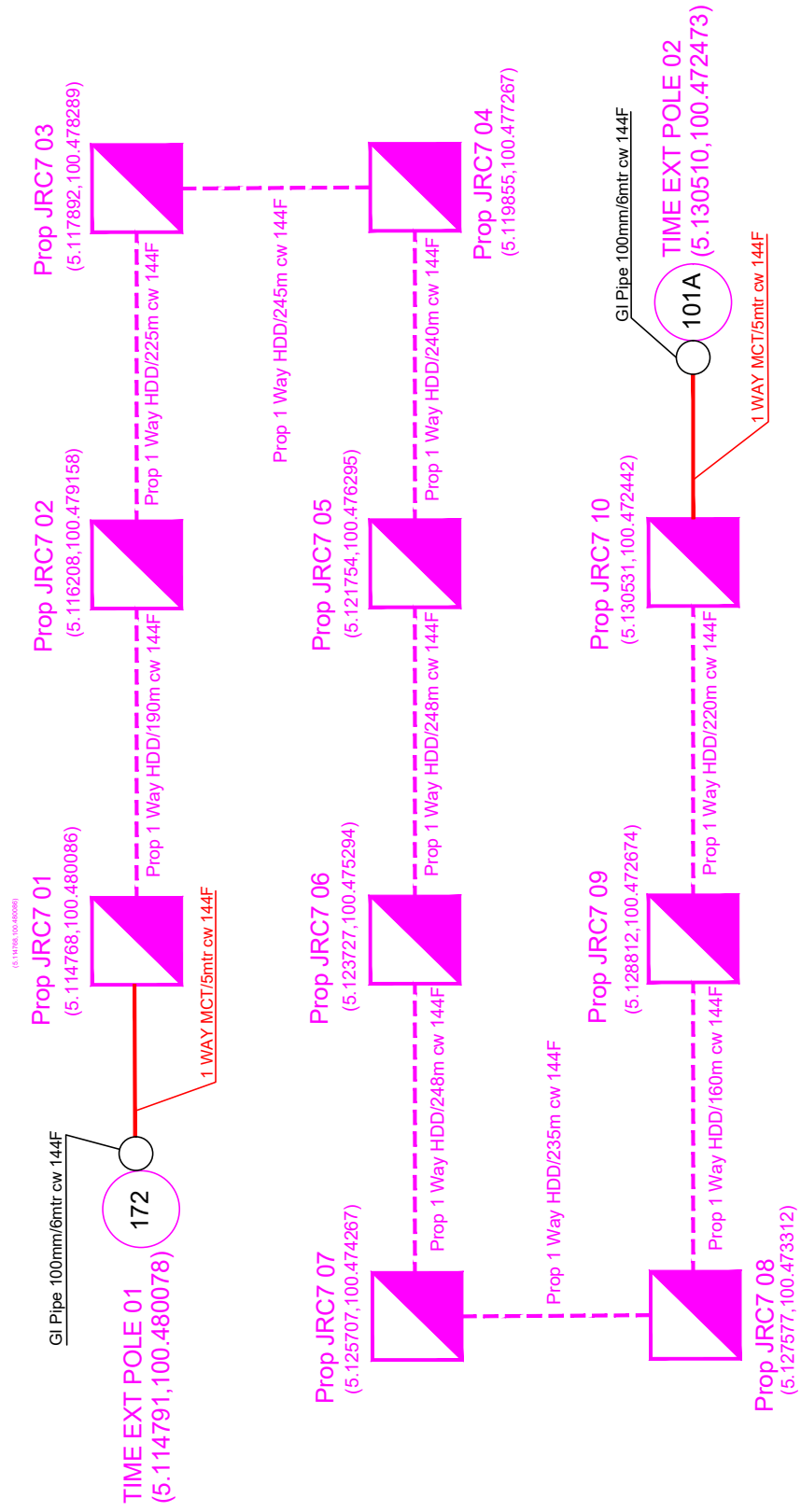
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LEGEND :- OUTSIDE PLANT

-  = EXISTING TIME MANHOLE
-  = PROPOSED TIME MANHOLE
-  = PROPOSED HUB BOX
-  = FIBER ROUTE 48C
-  = PROPOSED MICROTRENCHING



DRAWING SCALE:	NTS	DRAWING UNITS:	METER
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DESIGNED BY:		INITIAL & DATE:	
WINSOME ENG. CHECKED BY:		INITIAL & DATE:	
APPROVED BY:		INITIAL & DATE:	

PROJECT TITLE:	OSP Network: Proposed to upgrade from overhead infrastructure to underground infrastructure for Link Kuala Kurau - Prai - 2km
DRAWING TITLE:	SINGLE LINE DRAWING (MANHOLE) FOR CIVIL AND CABLE ROUTE
DRAWING NO.:	SHEET NO: 1/1

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Site Photo –Manhole

