

NOTES

**TRENCHING:**

- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND BORN FROM ROAD RESERVE BOUNDARY
- EXISTING SERVICES WILL BE REDUCED AFTER TEST PILET HOLES HAVE BEEN CONSTRUCTED EVERY 10 TO 20 METRES
- ENGINEER TO INSPECT TEST AND GIVE INSTRUCTIONS WHEN NECESSARY.
- TOP TEST TO BE DONE WHEN INDICATED BY ENGINEER.
- TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION

**CROSSING METHOD:**

IS INDICATED THE FOLLOWING OPTION TO BE DISCUSSED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS.

AMENDMENTS

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULO 12/10/2018

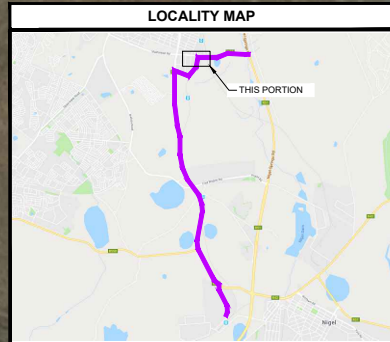
**CONIC**

**Consulting Engineers and Project Managers (Pty) Ltd.**

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**Overstrand Hermanus**  
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mail@conic.co.za



AREA

**EKURHULENI  
NIGEL**

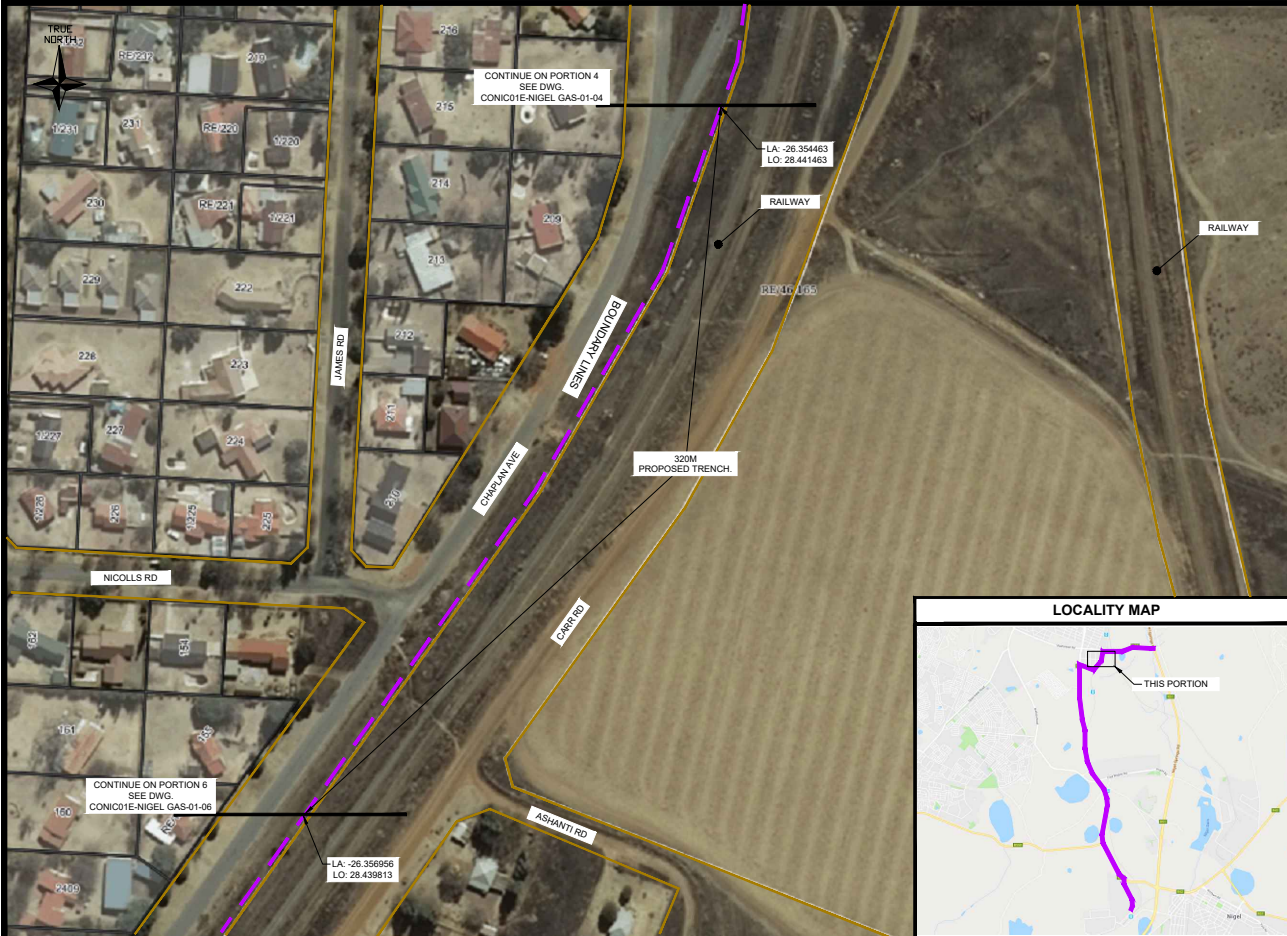
LEGEND:				CLIENT:	PR. ENG SIGNATURE:
ITEM:	DISCRPTION:	ITEM:	DISCRPTION:	 FERDINAND MEYER Pr Eng meyer@conic.co.za 082 379 1110	
■	DRILL PITS	---	PROPOSED TRENCH		
■	EXISTING MH	---	PROPOSED HDD CROSSING	CONTRACTOR:	
■	PROPOSED MH	---	EXISTING TRENCH	N/A	
		---	WATER DISTRIBUTION SYSTEM	TEL: 072 285 0687	
		---	ELECTRICAL CABLE		
		---	SEWER		
		---	STORMWATER		

TITLE

**GAS  
SERVICE INQUIRY**

DRAWING NO	A2	IWSYREV
CONIC01E-NIGEL GAS-01-04		0A

SCALE	DRAWN
N/A	AMOS THULO
DATE	CONS ENG
02/10/2018	F.R. Meyer (Pr. Ing)



NOTES

**TRENCHING:**

- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND BORN FROM ROAD RESERVE BOUNDARY
- EXISTING SERVICES WILL BE RELOCATED AFTER TEST PILE HOLES HAVE BEEN CONSTRUCTED EVERY 10 TO 20 METRES
- INSTALL IN NEXT 15 SE CUTTING
- ENGINEER TO INSPECT TEST AND GIVE INSTRUCTIONS WHEN NECESSARY
- SOFT TEST TO BE DONE WHEN INDICATED BY ENGINEER
- TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION

**CROSSING TRENCH:**

TO BE SUBMITTED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS.

AMENDMENTS

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULO 12/10/2018



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mail@conic.co.za

AREA

**EKURHULENI  
NIGEL**

ITEM:		DISCRPTION:		LEGEND:		DISCRPTION:		CLIENT:	PR. ENG SIGNATURE:
<span style="color: green;">■</span>	DRILL PITS	<span style="color: purple;">---</span>	PROPOSED TRENCH	<span style="color: blue;">---</span>	WATER DISTRIBUTION SYSTEM		ENERGY GROUP WATER AND SEWER	TEL: 072 265 0687	 FERDINAND MEYER Pr. Eng. meyer@conic.co.za 082 379 1110
<span style="color: black;">■</span>	EXISTING MH	<span style="color: purple;">---</span>	PROPOSED HDD CROSSING	<span style="color: red;">---</span>	ELECTRICAL CABLE	CONTRACTOR:			
<span style="color: red;">■</span>	PROPOSED MH	<span style="color: black;">---</span>	EXISTING TRENCH	<span style="color: yellow;">---</span>	SEWER	NIA	TEL: N/A		
				<span style="color: green;">---</span>	STORMWATER				

TITLE

**GAS  
SERVICE INQUIRY**

DRAWING NO  
CONIC01E-NIGEL GAS-01-05

DATE  
02/10/2018

SCALE  
N/A

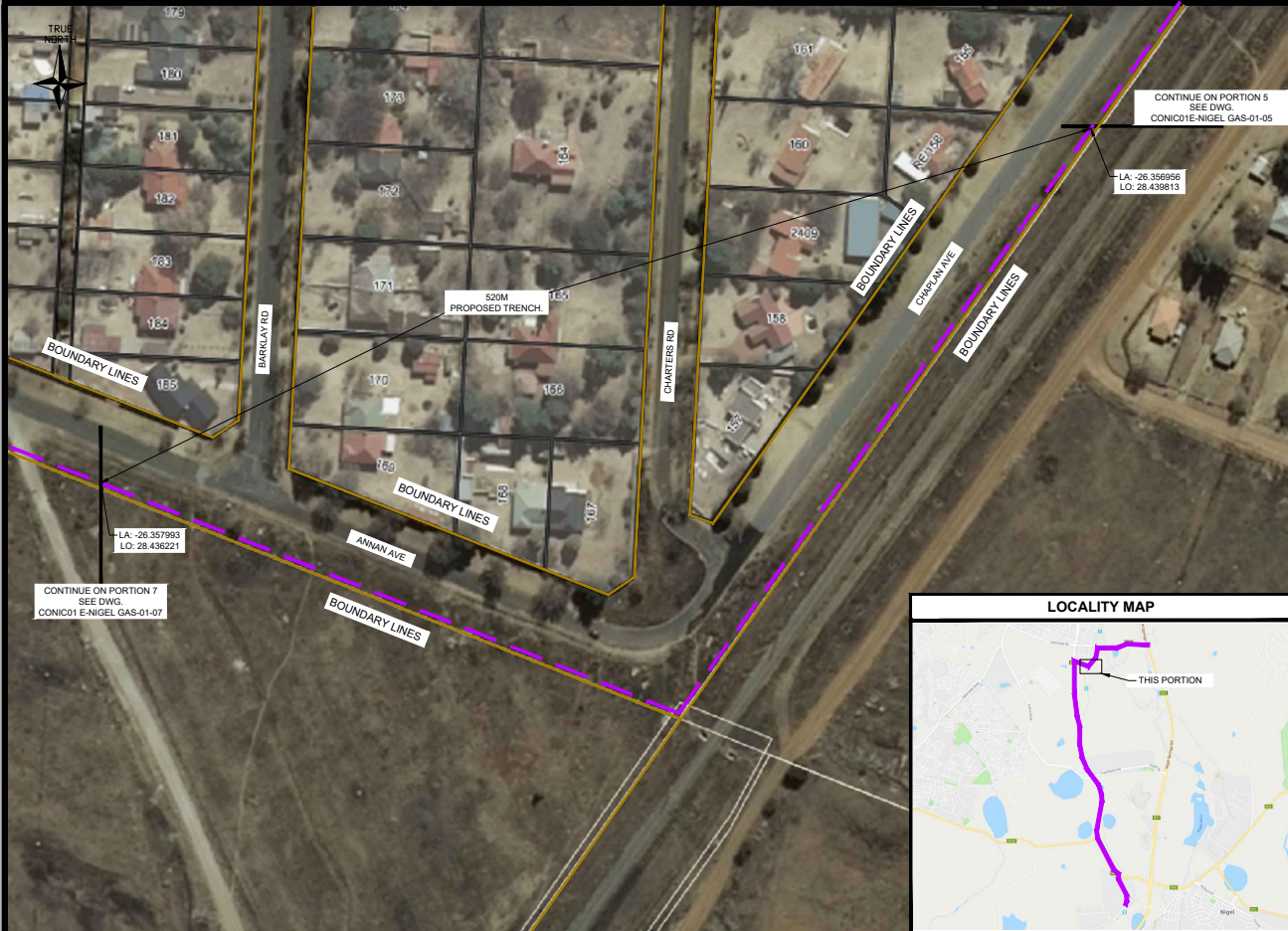
DRAWN  
AMOS THULO

DATE  
02/10/2018

CONS. ENG  
F.R. Meyer (Pr. Ing)

AREA  
A2

NO. OF SHEETS  
0A



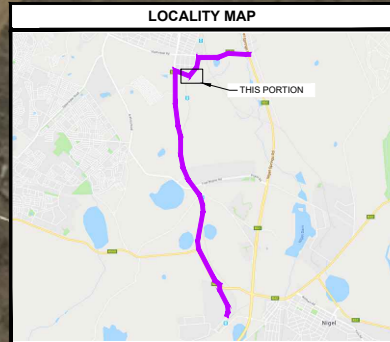
- NOTES
- TRENCHING:**
- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND BOUND FROM ROAD RESERVE BOUNDARY.
  - EXISTING SERVICES WILL BE RELOCATED AFTER TEST PILET HOLES HAVE BEEN CONSTRUCTED EVERY 10 TO 15 METRES.
  - INSTALLED IN NEXT TUBE CUTTING.
  - DOF TEST TO BE DONE WHEN INDICATED BY ENGINEER.
  - TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION.

**CROSSING TRENCH:**

TO BE CONSIDERED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS.

AMENDMENTS

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULLO 02/10/2018



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AREA

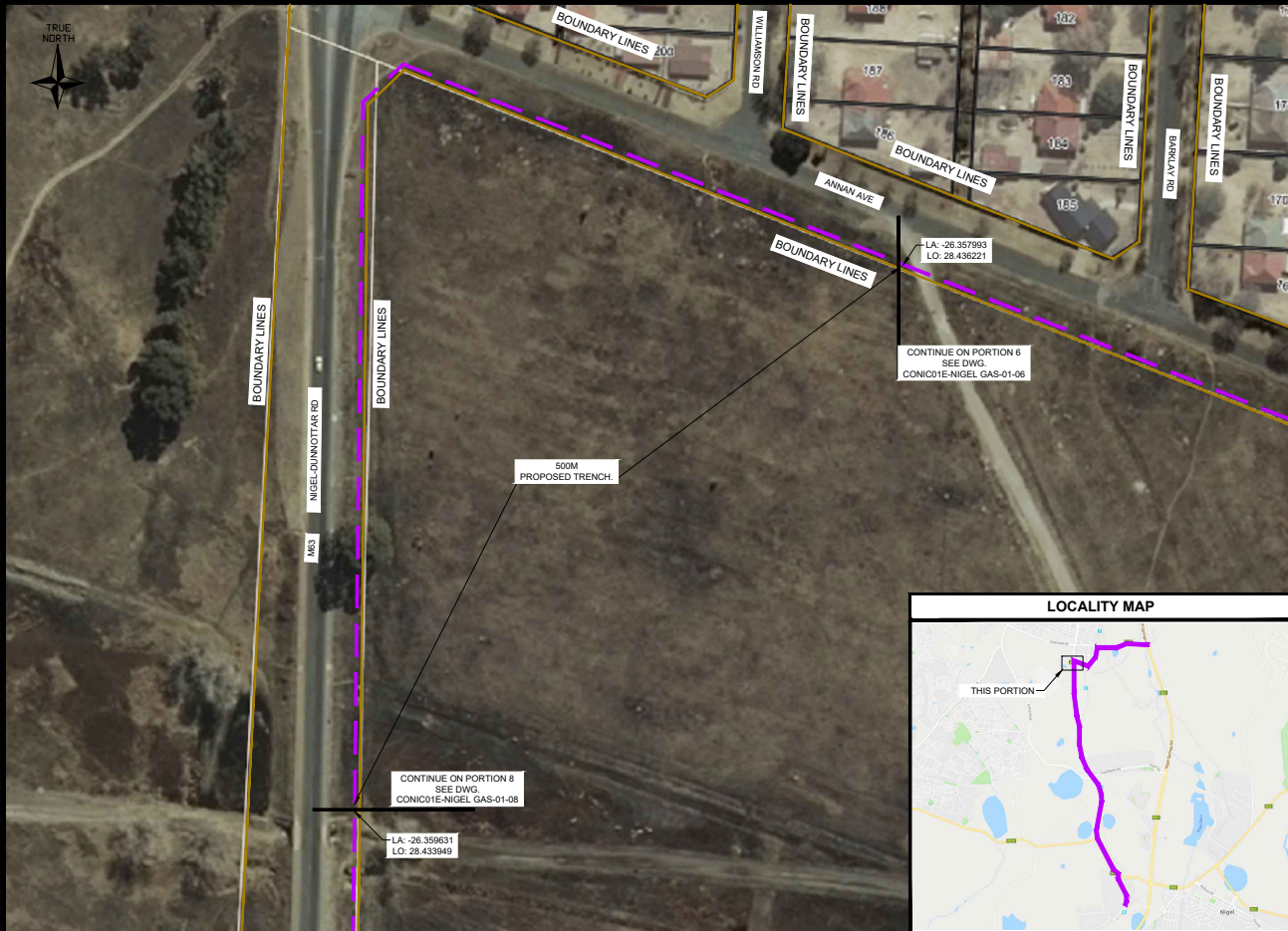
**EKURHULENI NIGEL**

LEGEND:				CLIENT:	PR. ENG SIGNATURE:
ITEM:	DISCRPTION:	ITEM:	DISCRPTION:	 TEL: 072 286 0687 <b>CONTRACTOR:</b>	 FERDINAND MEYER Pr Eng. meyer@conic.co.za 082 379 1110
■	DRILL PITS	---	PROPOSED TRENCH		
■	EXISTING MH	---	PROPOSED HDD CROSSING.	N/A	DRAWN: AMOS THULO DATE: 02/10/2018 CONS: ENG F.R. Meyer (Pr. Ing)
■	PROPOSED MH	---	EXISTING TRENCH	TEL: N/A	

TITLE

**GAS SERVICE INQUIRY**

DRAWING NO	CONVIC01E-NIGEL GAS-01-06	A2	WYSREY
DATE	02/10/2018	0A	



NOTES

**TRENCHING:**

- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND BORN FROM ROAD RESERVE BOUNDARY
- EXISTING SERVICES WILL BE RELOCATED AFTER TEST PILE/PILES HAVE BEEN CONSTRUCTED EVERY 10 TO 15 METRES
- INSTALLED IN NEXT TUBE DUCTING
- ENGINEER TO INSPECT TEST AND GIVE INSTRUCTIONS WHEN NECESSARY
- JOB TEST TO BE DONE WHEN INDICATED BY ENGINEER
- TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION

**CROSSING TRENCH:**

TO BE CONSIDERED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS.

AMENDMENTS

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULLO 02/10/2018

**CONIC**

Consulting Engineers and Project Managers (Pty) Ltd.

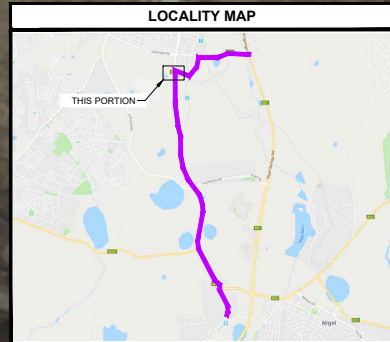
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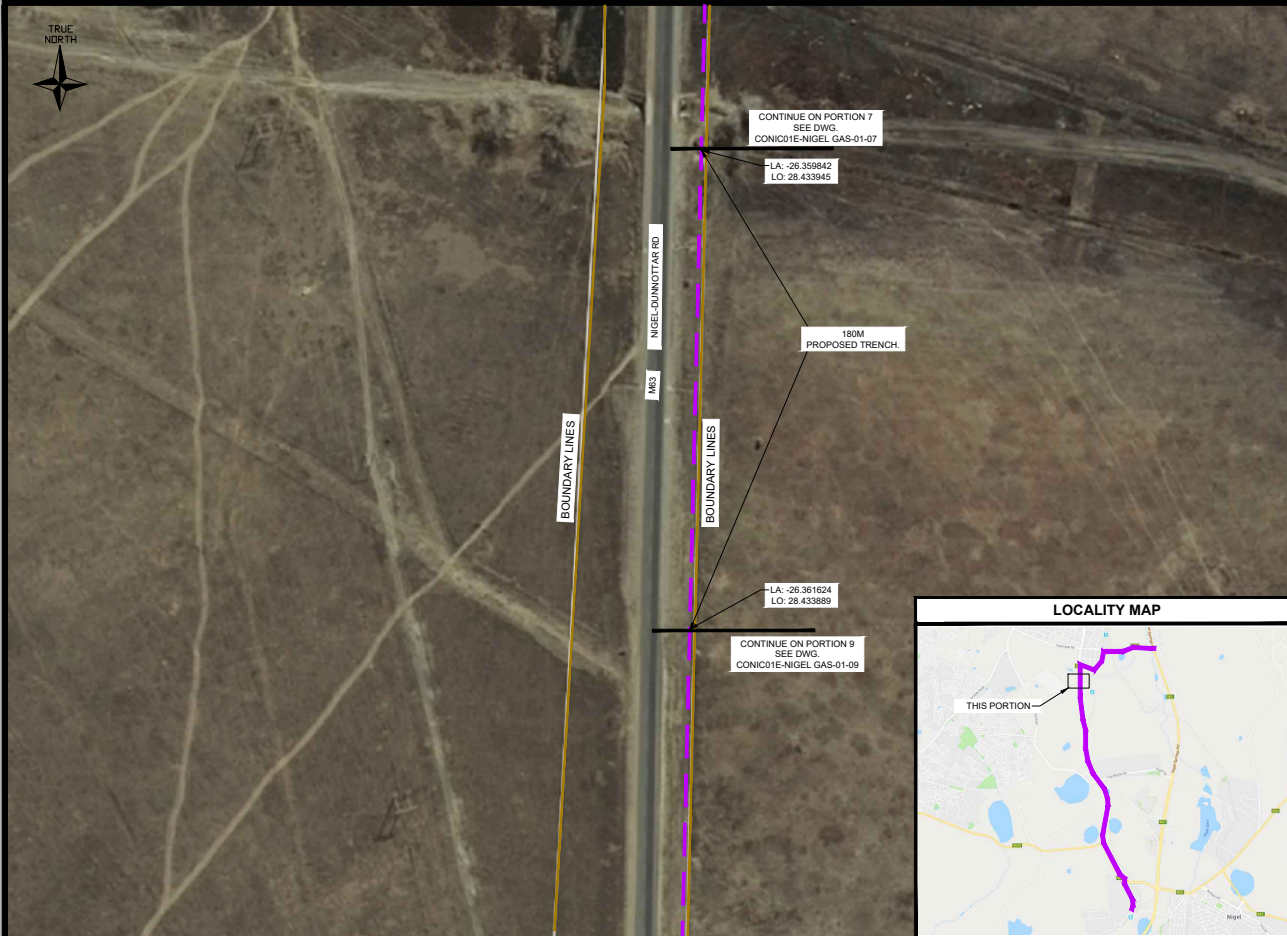
**Overstrand Hermanus**  
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mail@conic.co.za

AREA

**EKURHULENI NIGEL**



LEGEND:				CLIENT:	PR. ENG SIGNATURE:
ITEM:	DISCRPTION:	ITEM:	DISCRPTION:	 ENERGI GROUP PROJECT AND SERVICE TEL: 072 286 0687 <b>CONTRACTOR:</b>	 FERDINAND MEYER Pr Eng. meyer@conic.co.za 082 379 1110
■	DRILL PITS	—	PROPOSED TRENCH		
■	EXISTING MH	—	PROPOSED HDD CROSSING	N/A	TITLE <b>GAS SERVICE INQUIRY</b> DRAWING NO CONIC01E-NIGEL GAS-01-07 A2 O/A SCALE NTS DATE 02/10/2018 DRAWN AMOS THULO CONS ENG F.R. Meyer (Pr. Ing)
■	PROPOSED MH	—	EXISTING TRENCH	TEL: N/A	
—		—	WATER DISTRIBUTION SYSTEM		
		—	ELECTRICAL CABLE		
		—	SEWER		
		—	STORMWATER		



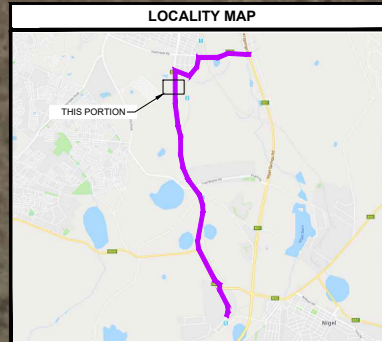
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SEE DWG.  
CONIC01E-NIGEL GAS-01-07

-LA: -26.359842  
LO: 28.433845

180M  
PROPOSED TRENCH.

-LA: -26.361624  
LO: 28.433889

CONTINUE ON PORTION 9  
SEE DWG.  
CONIC01E-NIGEL GAS-01-09



**NOTES**

**TRENCHING:**

- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND 800MM FROM ROAD RESERVE BOUNDARY.
- EXISTING SERVICES WILL BE RELOCATED AFTER TEST PILE/ HOLES HAVE BEEN CONSTRUCTED EVERY 10 TO 20 METRES INSTALLED IN NEXT TUBE DUCTING.
- ENGINEER TO INSPECT TEST AND GIVE INSTRUCTIONS WHEN NECESSARY.
- TOP TEST TO BE DONE WHEN INDICATED BY ENGINEER.
- TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION.

**CROSSING TRENCH:**

TO BE SUBMITTED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS.

**AMENDMENTS**

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULO 02/10/2018



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AREA

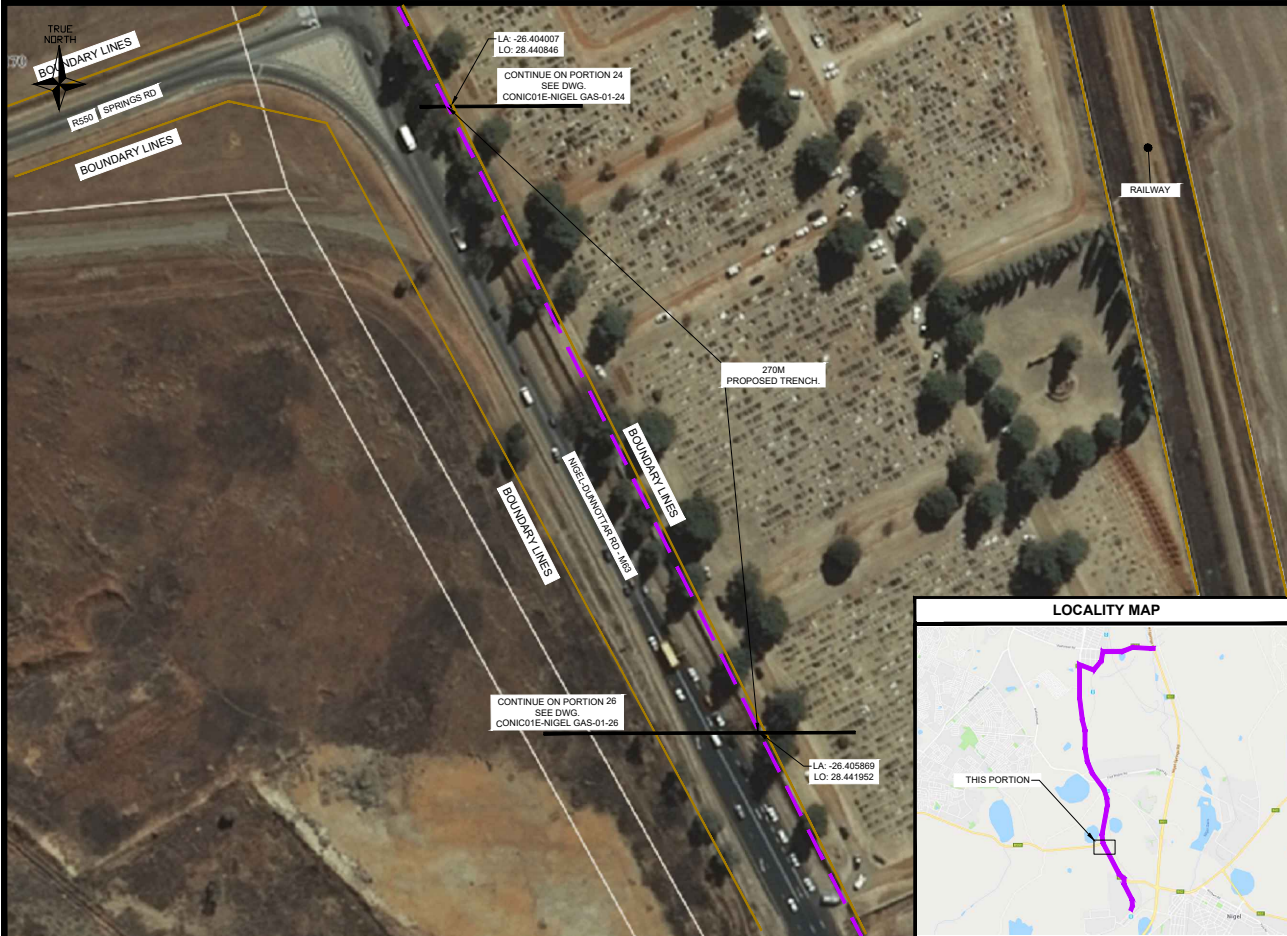
**EKURHULENI  
NIGEL**

LEGEND:				CLIENT:	PR. ENG SIGNATURE:		
ITEM:	DISCRPTION:	ITEM:	DISCRPTION:	 <small>ERLANG GROUP</small> <small>PROJECT GROUP</small> TEL: 072 286 0687 <b>CONTRACTOR:</b> N/A TEL: N/A	 FERDINAND MEYER Pr Eng. meyer@conic.co.za 082 379 1110		
<span style="color: green;">■</span>	DRILL PITS	<span style="color: purple;">---</span>	PROPOSED TRENCH				
<span style="color: black;">■</span>	EXISTING MH	<span style="color: purple;">---</span>	PROPOSED HDD CROSSING				
<span style="color: red;">■</span>	PROPOSED MH	<span style="color: black;">---</span>	EXISTING TRENCH				
		<span style="color: blue;">---</span>	WATER DISTRIBUTION SYSTEM				
		<span style="color: red;">---</span>	ELECTRICAL CABLE				
		<span style="color: yellow;">---</span>	SEWER				
		<span style="color: green;">---</span>	STORMWATER				

**TITLE**

**GAS  
SERVICE INQUIRY**

DRAWING NO CONIC01E-NIGEL GAS-01-08	A2	WYSREVIEW OA
SCALE N/A	DRAWN AMOS THULO	
DATE 02/10/2018	CONS ENG F.R. Meyer (Pr. Ing)	



**NOTES**

**TRENCHING:**

- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND BORN FROM ROAD RESERVE BOUNDARY
- EXISTING SERVICES WILL BE RELOCATED AFTER TEST PILE HOLES HAVE BEEN CONSTRUCTED EVERY 10 TO 20 METRES
- INSTALLER IN NEXT TUBE CUTTING
- ENGINEER TO INSPECT TEST AND GIVE INSTRUCTIONS WHEN NECESSARY
- DOF TEST TO BE DONE WHEN INDICATED BY ENGINEER
- TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION

**CROSSING ROAD:**

TO BE DISCUSSED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS

**AMENDMENTS**

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULO 12/10/2018

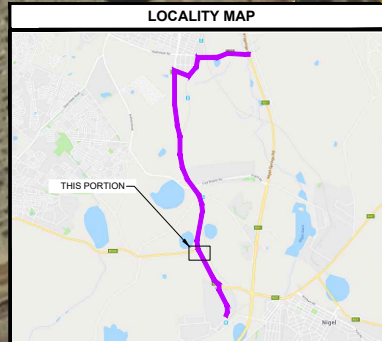




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ITEM:		DISCRPTION:		ITEM:		DISCRPTION:		CLIENT:	PR. ENG SIGNATURE:
<span style="color: green;">■</span>	DRILL PITS	<span style="color: purple;">---</span>	PROPOSED TRENCH	<span style="color: blue;">---</span>	WATER DISTRIBUTION SYSTEM			TEL: 072 265 0687	 FERDINAND MEYER Pr Eng. meyer@conic.co.za 082 379 1110
<span style="color: black;">■</span>	EXISTING MH	<span style="color: purple;">---</span>	PROPOSED HDD CROSSING	<span style="color: red;">---</span>	ELECTRICAL CABLE	<b>CONTRACTOR:</b>			
<span style="color: red;">■</span>	PROPOSED MH	<span style="color: black;">---</span>	EXISTING TRENCH	<span style="color: yellow;">---</span>	SEWER	NIA		TEL: N/A	
				<span style="color: green;">---</span>	STORMWATER	TEL: N/A			

**AREA**

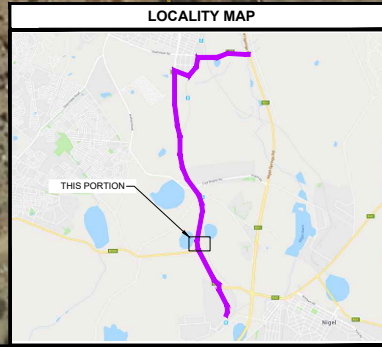
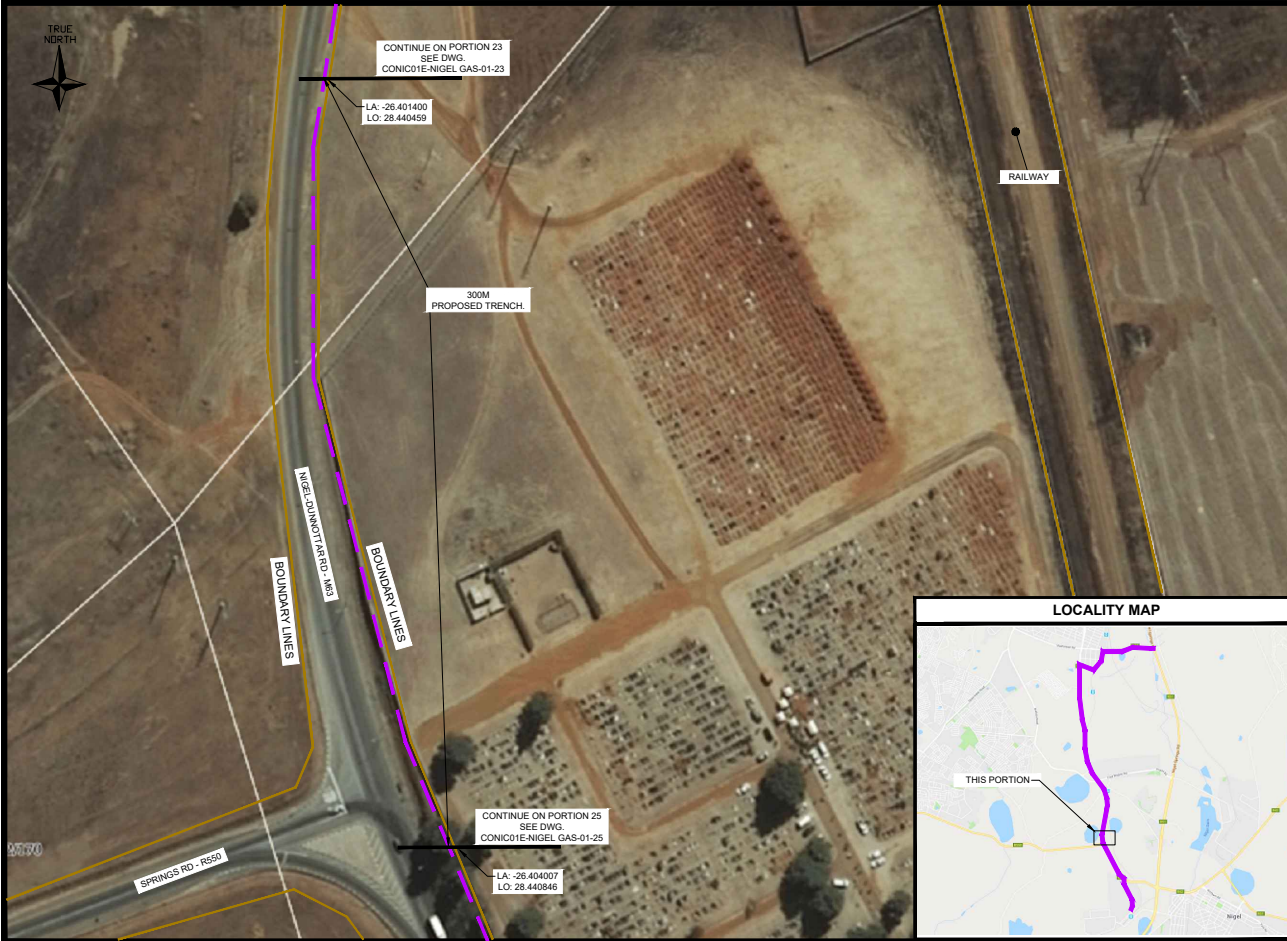
**EKURHULENI NIGEL**

**TITLE**

**GAS SERVICE INQUIRY**

DRAWING NO	CONIC01E-NIGEL GAS-01-25	A2	IWSYREV	OA
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SCALE	N/A	DRAWN	AMOS THULO
DATE	02/10/2018	CONS ENG	F.R. Meyer (Pr. Ing)



**TRENCHING:**

- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND BORN FROM ROAD RESERVE BOUNDARY
- EXISTING SERVICES WILL BE RELOCATED AFTER TEST PILE HOLES HAVE BEEN CONSTRUCTED EVERY 10 TO 20 METRES
- ENGINEER TO INSPECT TEST AND GIVE INSTRUCTIONS WHEN NECESSARY.
- TOP TEST TO BE DONE WHEN INDICATED BY ENGINEER.
- TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION

**CROSSING ROAD:**  
 TO BE DISCUSSED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS.

**AMENDMENTS**

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULO 12/10/2018



**Consulting Engineers and Project Managers (Pty) Ltd.**

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**Overstrand Hermanus**  
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 mail@conic.co.za

AREA: **EKURHULENI NIGEL**

<b>LEGEND:</b>			
ITEM:	DISCRPTION:	ITEM:	DISCRPTION:
<span style="color: green;">■</span>	DRILL PITS	<span style="color: purple;">---</span>	PROPOSED TRENCH
<span style="color: black;">■</span>	EXISTING MH	<span style="color: purple;">---</span>	PROPOSED HDD CROSSING
<span style="color: red;">■</span>	PROPOSED MH	<span style="color: black;">---</span>	EXISTING TRENCH
<span style="color: blue;">---</span>		<span style="color: blue;">---</span>	WATER DISTRIBUTION SYSTEM
<span style="color: red;">---</span>		<span style="color: red;">---</span>	ELECTRICAL CABLE
<span style="color: yellow;">---</span>		<span style="color: yellow;">---</span>	SEWER
<span style="color: green;">---</span>		<span style="color: green;">---</span>	STORMWATER

**CLIENT:**



ENERGY GROUP  
 POWER AND WATER

Tel: 072 265 0687

**CONTRACTOR:**

N/A  
 TEL: N/A

**PR. ENG SIGNATURE:**

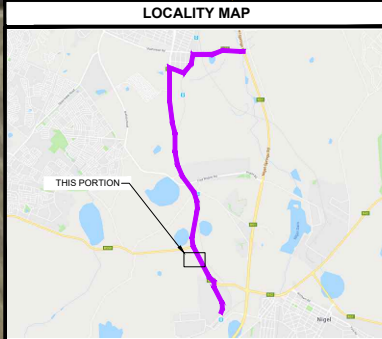
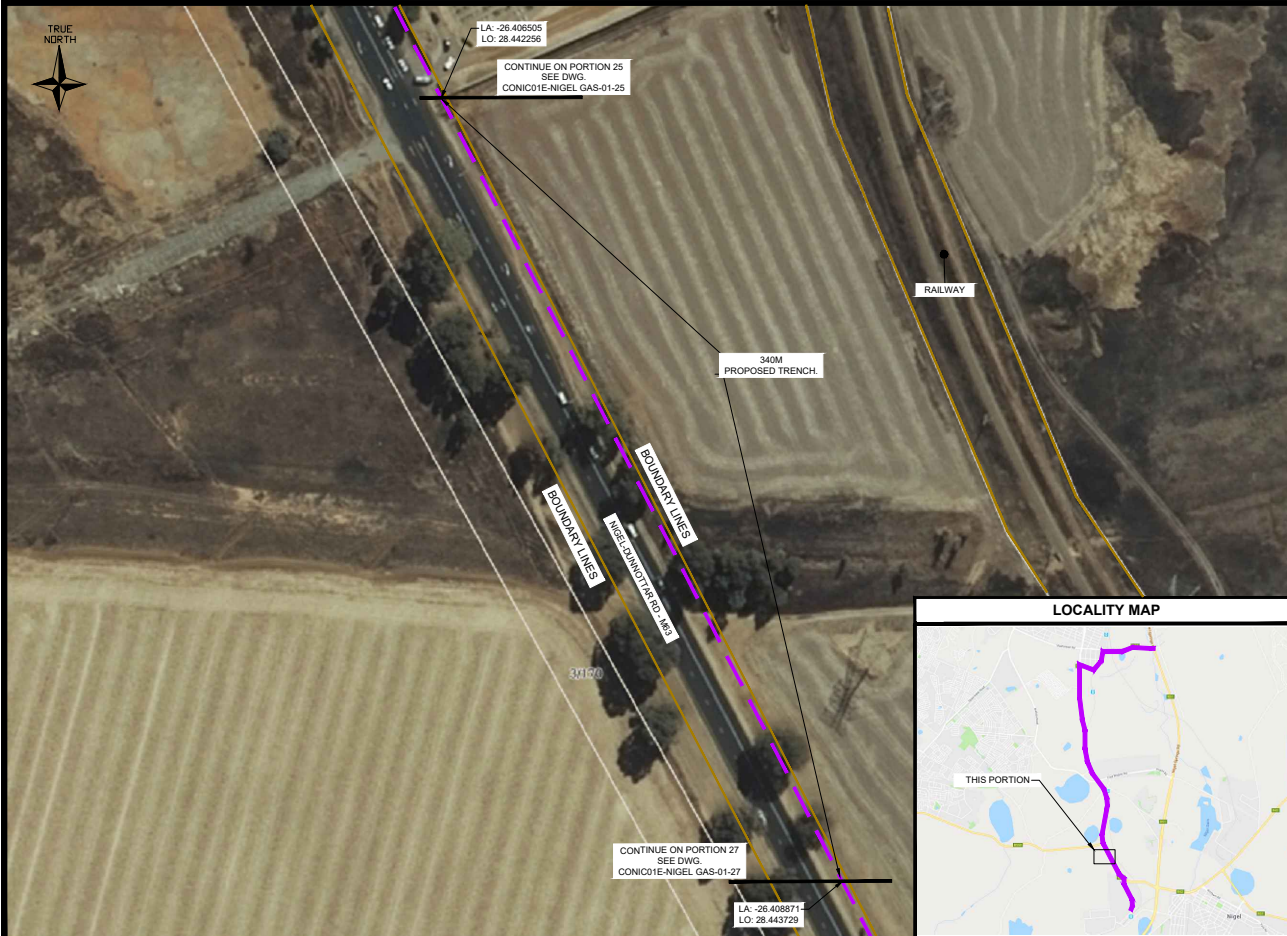


FERDINAND MEYER Pr Eng.  
 meyer@conic.co.za  
 082 379 1110

**TITLE**

**GAS SERVICE INQUIRY**

DRAWING NO CONIC01E-NIGEL GAS-01-24	A2	WYSREV OA
SCALE N/A	DRAWN AMOS THULO	
DATE 02/10/2018	CONS ENG F.R. Meyer (Pr. Ing)	



NOTES

**TRENCHING:**

- PROPOSED TRENCH ROUTE FOR GAS TO BE INSTALLED AT A DEPTH OF 1M AND BORN FROM ROAD RESERVE BOUNDARY
- EXISTING SERVICES WILL BE RELOCATED AFTER TEST PILET HOLES HAVE BEEN CONSTRUCTED EVERY 10 TO 20 METRES
- ENGINEER TO RESPECT TEST AND GIVE INSTRUCTIONS WHEN NECESSARY.
- TOP TEST TO BE DONE WHEN INDICATED BY ENGINEER.
- TRENCH WILL BE REINSTATED AS PER STANDARD TRENCH SPECIFICATION.

**CROSSING ROAD:**

TO BE DISCUSSED AND APPLIED FOR TO BEST SUIT SITE CONDITIONS.

AMENDMENTS

NO	DESCRIPTION	APPR DATE
0A	ISSUED FOR SERVICE INQUIRY	A.THULO 12/10/2018

**CONIC**

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AREA

**EKURHULENI NIGEL**

LEGEND:				CLIENT:	PR. ENG SIGNATURE:
	DRILL PITS		PROPOSED TRENCH	 072 265 0687 <b>CONTRACTOR:</b>	 FERDINAND MEYER Pr Eng. meyer@conic.co.za 082 379 1110
	EXISTING MH		PROPOSED HDD CROSSING		
	PROPOSED MH		EXISTING TRENCH	N/A	
			WATER DISTRIBUTION SYSTEM	TEL: N/A	
			ELECTRICAL CABLE		
			SEWER		
			STORMWATER		

TITLE

**GAS SERVICE INQUIRY**

DRAWING NO CONICO1E-NIGEL GAS-01-26	A2	IWSYREV OA
SCALE N/A	DATE 02/10/2018	DRAWN AMOS THULO CONS ENG F.R. Meyer (Pr. Ing)