

Bill of Quantities

2 daniaco		
ITEM	DESCRIPTION	QTY
Proposed Cable	36 fiber cable	3128.1
Proposed Cable	72 fiber cable	782.54
Proposed Duct	Bare Fibre in Telstra	176.7
Proposed Duct	P100/4xP32	23.53
Proposed Duct	P50	685.0
Proposed Duct	Telstra Leased Sub-Duct - New P32	2459.9
Proposed Pit	4 Pit	5
Proposed Pit	5 Pit	2
Proposed Pit	8 Pit	4
Proposed Pit	Telstra - Proposed P100 Breakout	5
Proposed Splice	FIST BC6 (AJL)	4
Proposed Splice	FOSC 400A (AJL)	1
Existing Duct	P100 4xP32	5

Proposed Conduit Seal P32

P32 x 32, 50mm x 16, P100 x 8

AS BUILT CHECKLIST

LIST OF THE STANDARD MINIMUM AS BUILT INFORMATION REQUIRED AS PART OF COMPLETION OF ALL EXTERNAL FIBRE CABLE RUNS.
NOTE THAT SOME OF THIS INFORMATION WILL ALREADY BE CONTAINED IN THE 'DESIGNWORKING DRAWNISS' AND MAY ONLY NEED CONFIRMATION.
ALL INFORMATION MUST BE ACCURRED AND LIGHT.

THE FOLLOWING MUST BE CHECKED AND TICKED OFF AT COMPLETION OF WORKS AS PART OF THE HANDOVER OF ALL AS BUILT DRAWINGS

- WHOLE CABLE ROUTE FROM SPLICE TO CUSTOMER/SPLICE (TO INCLUDE NEW OPTUS DUCT, EXISTING OPTUS DUCT, DUCT LEASED FROM OTHER CARRIERS (EG TELSTRA) AND ANY ARRIAL)
- DISTANCES OR CHANAGE BETWEEN PITS MANIOLES
 (TO INCLUDE NEW OPTUS DUCT, EXISTING OPTUS DUCT, DUCT LEASED FROM OTHER CARRIERS (DG TELSTRA) AND ANY ARRIVAL)

 DISTANCES AND SET YESPESTICS OF AN ARE TO INCLUDE EXISTING OPTUS DUTS AND ANY OTHER CARRIERS DISTANDANCES.
- ANY EXISTING AND/OR NEW SPLICES CREATED
- CABLE READINGS FOR WHOLE ROUTE FROM SPLICE TO CUSTOMER SPLICE: MANUFACTURER: EG: SAMSUNG
- DATE OF MANUFACTURE: EG: 09/2008 CABLE DISTANCE IN METRES - SHOW ACTUAL CABLE METRE READINGS
- ALL COLS AND THEIR LENGTHS (PIT OR AERIAL) SHOW SHEATH READING AT COLL START AND END

 ORTHIS CONDUST SIZE FOR BOTH NEW CONSTRUCTION AND EXISTING ORTHIS (EG. PS) OR PHYSING 2. ETC.
- DEPTH OF COVER AND OFFSET FROM PROPERTY LINE FOR NEW OPTUS CONSTRUCTION, SHOW AT CHANGE OF DIRECTION OR EVERY 25 METR
- LEASED DUCT ALLOCATIONS (CONFIRM DUCT USED BY OPTUS) FOR ALL LEASED DUCT (EG: TELSTRA, EA, CITIPOWER
- FOR SECURITIES SOUT NUMBER (SC. TELLO) 274001 (SPICULD BE ON DESIGN DRAWINGS ALREADY) FOR ALLEASED DUCT (SC. TELSTRA, EA, CITPOWER, BINERIEX, ETTA, ETC)

 MARKER POST LOCATIONS AND NUMBER: FROM PRE-ASSIGNED LIST, COMPLTE WITH GPS COORDINATES

AS BUILT APPROVAL:	
CONTRACTOR COMPANY/REP:	 DA

ATE:____

ORDER NUMBER: EO14158261

PROJECT NO: LEASE NO: SITE CODE: ADDRESS: DELIVERABLE: DESCRIPTION:

JOB TYPE:

GH974L2BR14158261

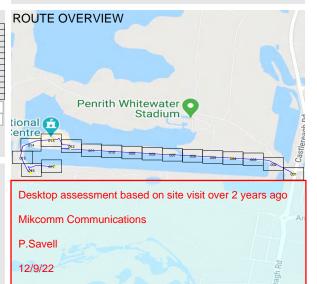
GH974L2BR14158261 TELD09243TP01 L2BR

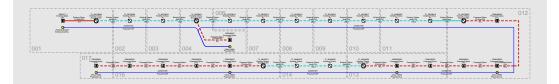
Old Castlereagh Road Rd Castlereagh NSW 2749
Fibre - Leadin

This order is to install:

Trenching and Boring – Not in Area of Environmental Significance

Refer to section 2.2 of OM 38665 for the relevant process applicable to this EO

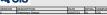






U/D NO. TELD09243TP01 SITE CODE: L2BR ADDRESS: Old Castlereigh Road Rd Castlereigh NSW 2749 DELIVERABLE: Fibre - Leadin

Cis



NOTES

- 1 x PRI conduit (no subducti) used unless otherwise nated (underground).
 Bioundary to be isopated prior to construction.
 Conset depart to be in accordance with Orgas specifications. Any variation is to be notified to Opina prior to commencement of construction.
 Senaces shown are industries with. It is the contraction is proposable to the contraction of the contraction of the contraction of the contraction.
- iscase all utilities accurately prior to construction.

 S. All relevant public authorities are to be notified prior to commencement of
- All affected properties to have access maintained at all times.
 Where translating occurs, comply with guidelines for translating in urban.
- areas.

 E. Before the commercement of any trimming of trees, the relevant local
- Billiars the commencement of any trimming of trees, the relevant local council is to be notified for apprecial and/or supervised option communities.
 The conduit, subduct and cover information has been supplied by the contractor and/or option.
 Conduit cover locations are indicative only and are to be used as a guide.
- indicative only.

 14. Calculate copylight Opsus and land and property information. Stateline immore copyright Google
- Case should be taken working in pocinity of conduit.

 11. Refer to node overniers sheet for locality.

 12. Pits and poles have been approximately located.

 13. The underground conduit has not been located and the position shown is

This document has been prepared solely for the use of Optus networks PTY LTD. (ACN 008 970 300) for use in maritaning Optus facilities. It has not

Legend

Optus 10 Pit (2,100 L x 650 W x 800 D)

Optus 8 Pit (1,000 L x 650 W x 800 D)

Optus 5 Pit (750 L x 500 W x 700 D)

Optus 4 Pit Optus 4 Pit

Ontus Manhole Other Utility Manhole Other Utility - Breakout



Photo Symbols

- - Optus Duct Proposed Ontus Duct Existing

- Other Utility Duct (New Subduct) Other Utility Duct (Overblow / Bare Fibre) Aerial Strand







ORDER NUMBER: EO14158261



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Optus 10 Pit (2.100 L x 650 W x 800 D) Optus 8 Pit (1,000 L x 650 W x 800 D) Optus 5 Pit (750 L x 500 W x 700 D) Optus 4 Pit Ontus Manhole Other Utility Manhole Other Utility - Breakout

Optus Duct Proposed Ontus Duct Existing Other Utility Duct (New Subduct)

Other Utility Duct (Overblow / Bare Fibre)

Kingfisher Park 002 001



003 002 001



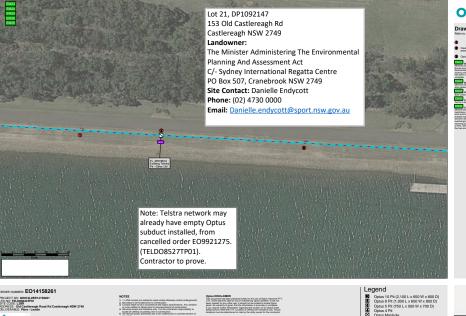
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- Optus Duct Proposed Optus Duct Existing

Other Utility Duct (New Subduct) Other Utility Duct (Overblow / Bare Fibre)







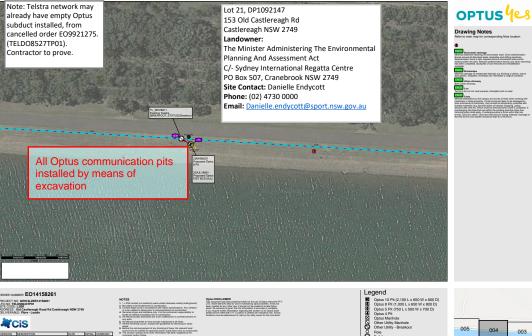
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Other Utility Manhole Other Utility - Breakout

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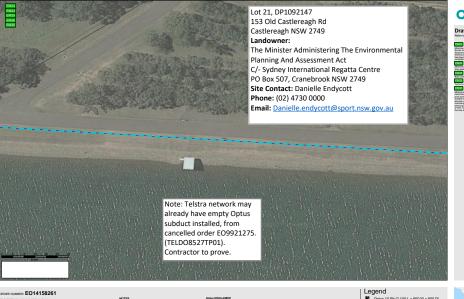


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D: TELD02243TP01 COD:: L2BR ESS: Old Castlereagh Road Rd Castlereagh NSW 2749 FRANCE: Elbre - Learlin



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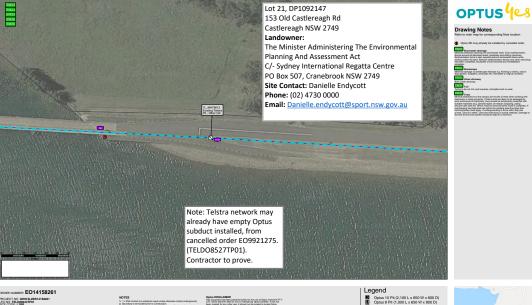




image to ittreetscape features e.g. Kerbing or drains, natur , folipaths, driveways etc. Remittee to original condition.

FD NO: TEL D02243TP01 ITE CCOE: L2BR DDIVESS: Old Castlereagh Road Rd Castlereagh NSW 2749 ILUERAN F. Blvrs. J. pardn



- All affected properties to have access maintained at all times.
 Where translating occurs, comply with guidelines for translating in urban.
 - gound is to be notified for approach and/or supervision prior to constitute.

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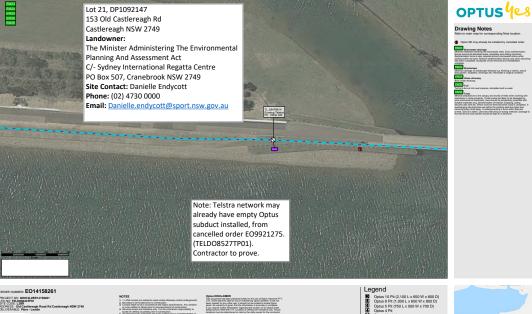
Optus 5 Pit (750 L x 500 W x 700 D) Optus 4 Pit Ontus Manhole Other Utility Manhole

Other Utility - Breakout Splice

Photo Symbols - - Optus Duct Proposed Ontus Duct Existing

Other Utility Duct (New Subduct) Other Utility Duct (Overblow / Bare Fibre)

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Ontus Manhole

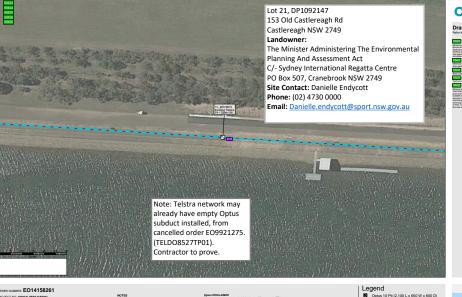
Other Utility Manhole Other Utility - Breakout

Splice

Photo Symbols - - Optus Duct Proposed Ontus Duct Existing

Other Utility Duct (New Subduct)

Other Utility Duct (Overblow / Bare Fibre)







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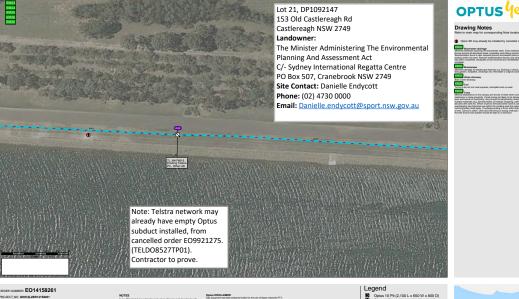
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Optus 8 Pit (1,000 L x 650 W x 800 D)







FD NO: TEL D02243TP01 ITE CCOE: L2BR DDIVESS: Old Castlereagh Road Rd Castlereagh NSW 2749 ILUERAN F. Blvrs. J. pardn



- Boundary to be located prior to construction.
 Conduit depth to be in accordance with Optius specifications. Any variation
- All affected properties to have access maintained at all times.
 Where translating occurs, comply with guidelines for translating in urban.
- gound is to be notified for apprecial and/or supervision prior to community.

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 13. The underground conduit has not been located and the position shown in
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Ontus Manhole Other Utility Manhole Other Utility - Breakout Splice Photo Symbols - - Optus Duct Proposed Ontus Duct Existing Other Utility Duct (New Subduct) Other Utility Duct (Overblow / Bare Fibre)





ITE CODE: L2BR DDRESS: Old Castlereagh Road Rd Castlereagh NSW 2749 ELINERADE F. Blore - Leadin



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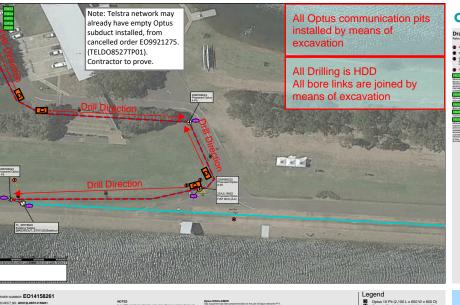
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OPTUS 48

Drawing Notes

- Place next to SC1 site S3122, L28R
- Optus SD may already be installed by cancelled orde

- machinery is close processe; These trusts are lastly to be damaged by prick and select of hach when, they should be designated prick and subtless trusted in a p. Selectal syste. of headers excepting paids admitted trusted in p. Selectal syste. of headers excepting paiding continuing the board of the selectance of the selectance of the continuing the board of the selectance of the selectance of the trusted policy of the prick of the selectance of the select

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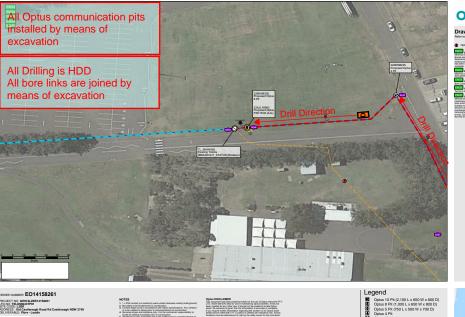
Optus 8 Pit (1,000 L x 650 W x 800 D) Optus 5 Pit (750 L x 500 W x 700 D) Optus 4 Pit Ontus Manhole

Other Utility Manhole Other Utility - Breakout

Splice Photo Symbols - Optus Duct Proposed

Ontus Duct Existing Other Utility Duct (New Subduct) Other Utility Duct (Overblow / Bare Fibre)





OPTUS 48

Drawing Notes

secured with ware etc. Which must be removed when work is co-questioning tree beanches are within the working area the opts trimming-policy shall apply. If undergrounding is to be within this of tree, care is to taken. Use hard tree/thing or boding methods. The tree and be not system should be kept to a minimum.



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Ontus Manhole

Other Utility Manhole Other Utility - Breakout

Splice Photo Symbols









ORDER NUMBER: EO14158261





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Legend

Optus 10 Pit (2,100 L x 650 W x 800 D) Optus 8 Pit (1,000 L x 650 W x 800 D) Optus 5 Pit (750 L x 500 W x 700 D) Optus 4 Pit Optus Manhole Other Utility Manhole Other Utility - Breakout

Splice

Photo Symbols - Optus Duct Proposed Optus Duct Existing

Other Utility Duct (New Subduct) Other Utility Duct (Overblow / Bare Fibre)







ORDER NUMBER: EO14158261

DOE: L2BR SS: Old Castlereagh Road Rd Castlereagh NSW 2742 WAREF: Fibre - Leadin

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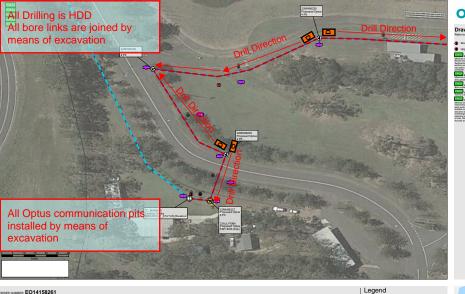
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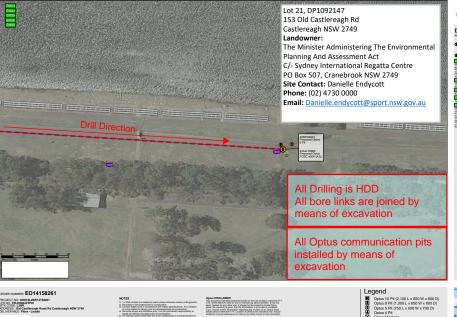
OPTUS 48 Drawing Notes

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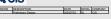
Photo Symbols - Optus Duct Proposed Optus Duct Existing Other Utility Duct (New Subduct) Other Utility Duct (Overblow / Bare Fibre)











- indicative only. 14. Cadastre-copyright Optus and land and property information. Stateline

Ontus Manhole Other Utility Manhole Other Utility - Breakout



- Optus Duct Proposed Ontus Duct Existing



