

NBN CONDUIT SCHEDULE - CIVIL CONTRACTOR					
CODE	ITEM	Refer: AS/NZS 1477:2006 - Table 4.2(A)			QUANTITY (metres)
		WALL THICKNESS	MEAN OUTSIDE DIA.	MEAN INSIDE DIA.	
P20	SDU service drop	PN12	27mm	24mm	-
P50	MDU service drop	PN12	60mm	54mm	-
P50	road crossing	PN12	60mm	54mm	34
P100	road crossing	PN9	114mm	104mm	78
P100	footpath conduits	PN9	114mm	104mm	909
Additional trenching					468

NBN SERVICE CONDUITS IN ACCESS STRIP SCHEDULE - CIVIL CONTRACTOR					
CODE	ITEM	Refer: AS/NZS 1477:2006 - Table 4.2(A)			QUANTITY (metres)
		WALL THICKNESS	MEAN OUTSIDE DIA.	MEAN INSIDE DIA.	
P20	SDU service drop	PN12	27mm	24mm	9
P50	driveway / consumers conduit	PN12	60mm	54mm	46
Additional trenching					-

- Consumer's conduits shall be installed prior to construction of driveways to rear lots.
- Minimum clearance of 100mm shall be maintained between all services.
- Civil contractor shall leave the trench open at the end of all consumer's conduits, ensuring all conduits are capped and a suitable heavy duty cover placed over the trench opening.
- Electrical contractor shall mandrel-test, seal, and install draw ropes in all conduits.
- Conduits to extend to front property alignment.
- Electrical contractor shall extend conduits through from boundary to pit.

NBN CONDUIT SCHEDULE - ELECTRICAL CONTRACTOR					
CODE	ITEM	Refer: AS/NZS 1477:2006 - Table 4.2(A)			QUANTITY (metres)
		WALL THICKNESS	MEAN OUTSIDE DIA.	MEAN INSIDE DIA.	
P20	SDU service drop	PN12	27mm	24mm	81
P50	MDU service drop	PN12	60mm	54mm	-
P50	footpath	PN12	60mm	54mm	8
P100	footpath	PN9	114mm	104mm	661
P100	distribution network	PN9	114mm	104mm	-
Additional trenching					-

NBN PIT SCHEDULE - ELECTRICAL CONTRACTOR			
PIT CODE	ITEM	NOMINAL EXTERNAL DIMENSIONS	QUANTITY
2	service drop access pit	650 x 280 x 565mm	3
5	service/boundary pit (single lid)	700 x 450 x 650mm	8
6	local network connection pit (dual lid)	1360 x 555 x 650mm	6
8	distribution/local network connection pit (dual lid)	1360 x 555 x 860mm	1

SOURCE DOCUMENTS				
CREATOR	DRAWING	DWG. NO.	REV. NO.	DATE
ROBIN RUSSELL & ASSOCIATES	ELECTRICAL	D954	E	30/05/2023
VAN DER MEER CONSULTING		X-BASE.dwg		22/08/2022
BLANNED & SURVEYED	SURVEY	001762_Lot Calcs - ALL - MGA94		14/07/2022

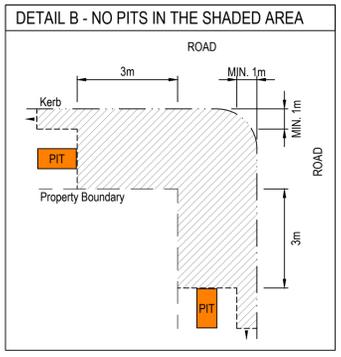
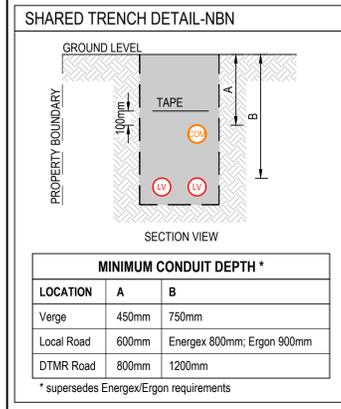
LEGEND: NBN CONDUITS & PITS

- Fibre Access Node (FAN) site
- Fibre Distribution Hub (FDH) site - 1m x 1m
- Proposed 100mm Main Conduit
- Proposed 50mm Lateral Conduit
- Proposed 23mm Service Drop
- Proposed length of bored conduit
- Conduits by Civil Contractor
- Proposed shared trench
- Service Drop Access Pit
- Local Network Pit
- Premises Connection (Houses an MPT)
- Boundary Pit
- Cross-Road & Other Premises Connection (No MPT)
- Local Network Connection Pit
- Premises Connection & Fibre Splice Closure
- Distribution / Local Network Connection Pit at entry/exit to estate; @ 250m ccs on distribution conduit
- Fibre Distribution Hub (FDH) Pit
- Within 5m of FDH Site
- Multi Dwelling Unit (MDU)
- Marker Post (Post to be numbered)
- Depth over alignment indicator (used with every Marker Post)
- Descriptor Box (Description of type of work & Quantity involved)
- Transformer
- Pad Mount / Pole Mount
- Existing Telstra conduit trench layout (Proposed conduit indicated for comms cable)
- Existing NBN 100mm conduit
- Existing Telstra P100 conduit
- Existing or proposed Energex pole (& pole ID)
- Existing Telstra Exchange
- Existing Telstra Pits (size 2,3,4,5,6,7,8 or 9)
- Existing Telstra Manholes (Access Chambers)
- Existing Traffic Signals Box
- Existing network item to be removed/replaced
- 'C' communications marker plate

REVISED ISSUE

SWALE ALERT
 NBN PITS MAY NOT BE INSTALLED WITHIN A SWALE OR DRAIN, WHERE THEY MAY BE SUBJECT TO INUNDATION AT ANY TIME. IF A PROPOSED SITE IS NON-COMPLIANT, REFER TO RRA CONSTRUCTION COORDINATOR.

NOTES - NBN
 NBN conduits and pits shall be installed in compliance with NBN Co specification: NBN-TE-CTO-194 V 11.0 New Developments: Deployment of the NBN Co Conduit and Pit Network - Guidelines for Developers. This can be downloaded at: <http://www.nbnco.com.au/develop-or-plan-with-the-nbn/new-developments/design-build-install/pit-and-pipe-build-process.html>
 Additional requirements and explanatory information are contained in Robin Russell & Associates' General Specification for Installation of Electricity Reticaluation and Street Lighting - Issue 'AA'.
 For details of trenching and electrical conduits, refer associated RRA works plan.
 In residential subdivisions, NBN conduits shall be laid in shared trenches, above electricity conduits. The Civil Contractor shall install road-crossing conduits and other conduits as shown (see legend).
 In commercial subdivisions, or where no electricity conduit is present, NBN conduits shall be laid on the standard telecommunications alignment, as specified.
 On State roads, the required cover of 1200mm precludes the use of shared trenches.
 The installation of white warning tape is NOT required. If conduit is not installed in a shared trench with electricity, brass "C" markers shall be installed in the kerbs directly above road-crossing conduits.
 Contractors shall not access existing Telstra pits or conduits.
 Pits shall be installed relative to the property boundary as shown, immediately outside the exclusion zone of the electricity pillar.
 The Electrical Contractor shall ascertain final verge levels from the Civil Contractor before installing conduits & pits.
 The Electrical Contractor shall give the Superintendent written notice (a) 10 business days before it anticipates achieving Practical Completion of the conduit and pit installation, and (b) on achieving Practical Completion, to allow the required notices to be given to NBN Co.
 Conduit lengths are nominal horizontal distances only. Fibre lengths shall be verified in advance by actual measurement.
 The electrical contractor shall perform mandrel testing of all telecommunications conduits, including cross-road and lead-in conduits installed by the civil contractor.



NBN Co Limited

- Telecommunications infrastructure will be provided by NBN™
- NBN™ will own the conduits and pits.
- This installation shall comply with NBN-TE-CTO-194 V11.0

NBN PITS
 NBN PITS MUST BE INSTALLED IMMEDIATELY OUTSIDE THE EXCLUSION ZONE (ERGON 400mm & ENERGEX 600mm) OF THE ELECTRICITY PILLAR & EXACTLY 3m FROM CORNER TRUNCATIONS AS PER DETAIL B.

SITE INFORMATION

TOTAL NUMBER OF LOTS	23
PROPERTY DESCRIPTION	PROPOSED LOTS 108 - 111, 116 - 132, 144 - 145 CANCELLING LOTS Lot 95 on CA311434 & Lot 96 on SP225226