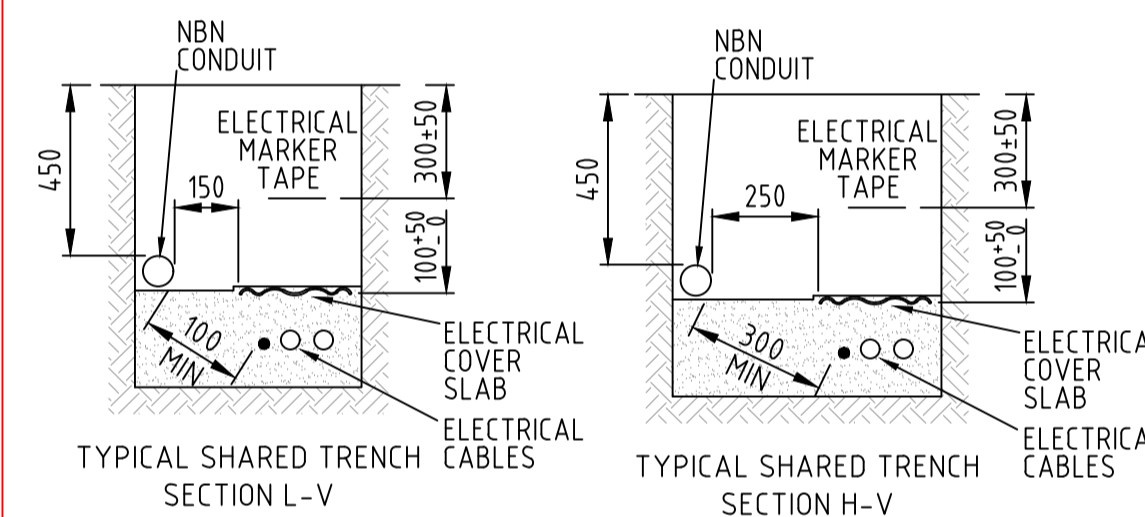


- ### GENERAL NOTES
- All works, including but not limited to conduits, fittings, caps draw wire, haul ropes, installation, trenching, bedding and backfill are to be completed in accordance with "New Developments: Deployment of the NBN Conduit & Pit Network - Doc.No. NBN-TE-CTO-194, Issued 21/10/2015 Rev 6.0" all relevant Council, Communications Alliance, and Australian & New Zealand Standards Contract is in accordance with AS2124-1992 including annexures.
 - This stage consists of 25 lots (Lots 202-226).
 - The Contractor must comply with the "Occupational Health and Safety Act 2004" and the requirements of the "Occupational Health and Safety Regulations 2017" at all times.
 - Prior to commencing works the Contractor must verify the location of all services and/or contact the relevant service authorities to arrange service locations. The Contractor shall be responsible for any damages caused to existing services, whether shown on the plans or not.
 - The Contractor shall notify the relevant authority 7 days prior to the commencement of construction.
 - All trenches crossing pavement areas or beneath kerb or footpath are to be backfilled with 3% cement stabilised class 1 or class 3 fine crushed rock.
 - At the completion of works all rubbish, debris and surplus spoil is to be removed from site and disposed of in an appropriate manner. The site must be re-instated to the satisfaction of the Superintendent and/or Responsible Authority.
 - Conduits must be white and labeled "communications" and meet the minimum requirements of AS/ACIF S008: 2010 and ACIF C524:2013. 100mm nominal diameter Conduits (P100) must be PN9 as detailed in AS/NZS 1477:2006 table 4.2(A). 50mm & 20mm nominal diameter Conduits (P50 & P20) must be class PN12 as detailed in AS/NZS 1477:2006 table 4.2(A).
 - All conduit bends must be prefabricated, and of the same structure and material of network conduit (90° elbow bends must not be used). Minimum short run radius using pre-formed bends for P100, P50 & P20 are 0.8m, 0.3m & 0.3m respectively.
 - Conduits must be joined using "socket & spigot" or "coupler" and sealed with solvent cement, ends are to be sealed with duct plugs.
 - Pit lids must be labeled with the description of "NBN", the format should resemble figure 12 "New Developments: Deployment of the nbn Conduit & Pit Network - NBN-TE-CTO-194 Rev 6".
 - Pits shall be placed in line with the conduit they connect with, Conduits will must enter flush with the short side of pits at least 50mm above the pit floor.
 - All conduits must have a drawing or similar installed, service conduit drawings are to be labeled with lot, position from boundary (L or R) and distance from boundary.
 - All construction to be installed in shared trench unless otherwise shown.

CONDUIT DEPTHS AND COVER

LOCATION	MINIMUM COVER
SERVICE DROP CONDUIT LESS THAN 3m FROM THE PIT TO THE BOUNDARY ENTRY	300mm
SERVICE DROP CONDUIT MORE THAN 3m FROM THE PIT TO THE BOUNDARY ENTRY	450mm
VERGE (WALKWAYS, FOOTPATHS)	450mm
ROAD (NON-STATE OR TERRITORY)	600mm
ROAD CROSSING	800mm to 1200mm (TYP.)



CLEARANCE FROM OTHER CARRIER AND SERVICES

SERVICE ITEM	MINIMUM RADIAL CLEARANCES
GAS - OVER 110mm - LESS THAN 110mm	300mm 150mm
POWER - HIGH VOLTAGE - LOW VOLTAGE	300mm 100mm*2
WATER MAINS - TRUNK MAINS - LOCAL RETICULATION	300mm 150mm
SEWER - MAIN - CONNECTION PIPE	300mm 150mm
OTHER TELECOMMUNICATIONS	100mm*1

*1 - reduced separation is possible where all parties (including NBN) are consulted and agreement is reached.
*2 - Only where protection barriers are used, for example, conduit, bedding, marker tape & cover batten.

LEGEND

	Service Drop Access Pit (650mmX280mmX555mm)
	Service Drop Access Pit/Boundary Pit/F.J.L (Flexible Joint Location) (700mmX450mmX650mm)
	Service Drop Access Pit/L.N (Local Network Connection Pit)/F.J.L (Flexible Joint Location) (1360mmX555mmX650mm)
	Distribution Pit/L.N (Local Network Connection Pit) (1360mmX555mmX650mm)
	Transformer / Kiosk / Pad Mount Sub-station / Pole Mount Transformer

TABLE OF SERVICE OFFSETS

STREET NAME	WATER (Existing) 150mm		WATER 300mm		WATER 100mm		GAS		NBN		POWER			
	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE		
Hills Road	2.1m	WEST	4.5m	WEST	-	-	3.75m	WEST	0.6m	WEST	-	1.05m	WEST	
Donegall Street	-	-	-	-	2.5m	EAST	2.1m	EAST	1.9m	WEST	1.7m	EAST	2.5m	WEST
Gilford Street	-	-	-	-	4.0m	EAST	3.6m	EAST	1.9m	EAST	-	2.4m	EAST	
Salvarezza Road	2.0m	NORTH	4.5m	NORTH	-	-	3.75m	NORTH	0.6m	NORTH	-	1.05m	NORTH	

WARNING

BEWARE OF UNDERGROUND SERVICES

The locations of underground services are approximate ONLY and their exact position should be proven on site. No guarantee is given that all existing services are shown.



BILL OF MATERIAL

NO OF LOTS: 25

PITS			DUCTS		
SIZE	QTY	MTRS	SIZE	QTY	MTRS
2	2		P100	13	521.7
5	10		P50	2	60.6
6	1		P20	23	301.9
8	0				
9	0				

TOTAL NUMBER OF PITS: 13
 TOTAL NUMBER OF MANHOLES: 0
 TOTAL NUMBER OF CONDUITS: 38
 TOTAL LENGTH OF CONDUITS: 884.2

SDU Development Information

Development Name: DISCOVER MARONG
 Developer Company: ARBOR ESTATES PTY LTD
 Development Address: HILLS ROAD, MARONG, VIC
 Authorised Rep: PAUL FRASER
 Phone: 03 5443 7977
 E-Mail: PAUL@TOTALPD.COM.AU
 nbn Reference Number: STG-M000049699
 Stage Number: 8 of 8
 Design Revision: C

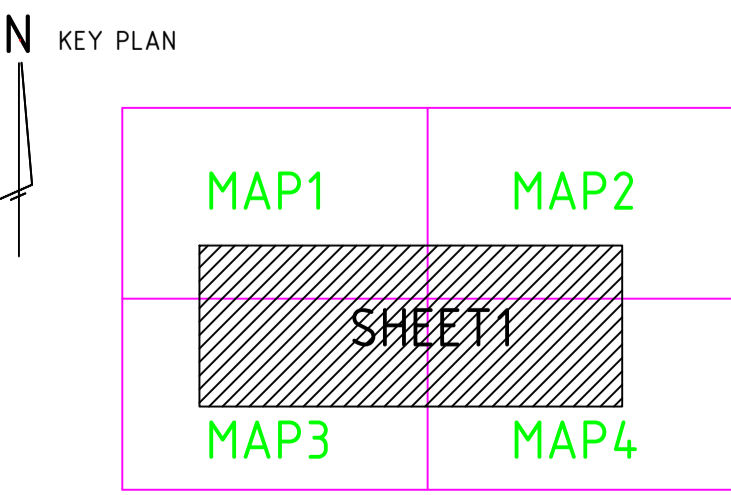
****ATTENTION****
 CONSTRUCTORS DO NOT change or alter job specifications unless first checking with designer.

REV	DATE	DRAFTER	DESCRIPTION	APPROVED
C	06/10/2020	H. GODFREY	APPROVED FOR CONSTRUCTION (APPROVED BY NBN 06.10.2020)	A. COLUMBINE
B	01/10/2020	H. GODFREY	SUBMITTED FOR NBN APPROVAL	A. COLUMBINE
A	30/09/2020	H. GODFREY	DRAFT	-

NBNCO APPROVAL RECORD:

SIGNATURE	DATE
<input type="checkbox"/> DD	_____
<input type="checkbox"/> WD	_____
<input type="checkbox"/> AB	_____

QUALITY RECORD :
 NBNCO DISCLAIMER :
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DRAWING TITLE:
 STG-M000049699
 NBNco PIT & PIPE DESIGN
 DISCOVER MARONG (STAGE 8)
 25 LOTS

ENABLE#: 279514

STATE: VIC REGION: MARONG

FSA: _____ FSAM: _____ FDA: _____

PROJECT No: STG-M000049699

CADREF No: 140418

SCALE: NTS SHEET No. 1 OF 1 REV. C