

POP

PRIVATELY OPERATED PAYPHONES

APS

ASSISTANCE TELEPHONES (EG ELEVATOR AND ROADSIDE PHONES)

MET

APPLY TO OTHER TYPE OF METERING POINT (any service)

ATM

ATM

PRK

BANDSTAND / ROTUNDA / SPORTS FIELD STANDS / OTHER PARK BUILDING

PSD

POINT OF SALE DEVICE (vending machine, ticket machine)

TRF

Traffic Lights / Traffic Light Controller / Variable Speed Sign / Traffic Signal

PBT

Public Transport (bus stop, tram stop, railway station, taxi rank, ferry wharf)

SWT

Links / Link Pole / MV / HV Links / ABC Links / Dynamic Switch / Airbrake Switch / Isolator

WAT

Water Infrastructure (storage, pumps, valves water supply, waste water, sewerage stations)

GAS

Natural Gas Infrastructure

CAM

Camera (security / traffic)

CTL

Bridge control, swing bridge, traffic control gates, railway boom gates)

MOB

Mobile Phone Tower / radio antenna

LIT

Street Lighting Pole / street light controller

CAR

Unmanned (council) car park

PWR

Transformer / Kiosk / Pad Mount Sub-station / Pole Mount Transformer

NAP-ID

N

Network Access Point (NAP)

MPT-ID

N

Multiport (MPT)
n is the number of ports (eg 4,6,8,12)

Penetration

CABLE TRAY:

TJL-ID

Splice Joint on a Transit Cable (TJL)

DJL-ID

Splice Joint on a Distribution Cable (DJL)

LJL-ID

Splice Joint on a Local Cable (LJL)

MJL-ID

Splice Joint on a Tether Cable (MJL)

AJL-ID

Zone Terminal / Splice Joint (AJL)

FDH-ID

Fibre Distribution Hub-FDH Cabinet with Cabinet ID shown

PIT-ID

2

Service Drop Access Pit
(650mmX280mmX565mm)

PIT-ID

5

Network Boundary/Local Network Pit (Single Lid)
(700mmX450mmX650mm)

PIT-ID

6

Distribution/Local Network Connection Pit (Dual Lid)
(1360mmX555mmX650mm)

PIT-ID

8

Distribution/Local Network Connection Pit
(1360mmX555mmX860mm)

PIT-ID

9

Fibre Distribution Hub (FDH) Pit
(2000mmX555mmX900mm)

NTD

Shared Trench

NTD

nbn NTD

OBBU

NBN Optional Battery Backup Unit

PDH

nbn Premises Distribution Hub

CTL

nbn Cable Transition Location

FDT

nbn Fibre Distribution Terminal

FIP

nbn NTD Fire Indicator Panel

Riser

Riser

LIFT

nbn NTD LIFT

AP

Access Panel

SEC

nbn NTD Security

CET

nbn Communications Earth Terminal

DES QTY

Example of descriptor box that will show the type of work and the quantity involved

nbn manhole

Existing Telstra manhole

FAN AAAA

Fan Access Node site (FAN)

138A^{RX}_{CX}

Multi Dwelling Unit (MDU)

DEPTH--
ALIGN--

DEPTH OVER ALIGNMENT SYMBOL TO BE USED WITH EVERY MARKER POST

Symbol to be used when replacing/removing existing network

PCD

Premise Connection Device (PCD)

POLE-ID

Pole (showing pole identity)

5

Existing Telstra Pit (2,3,4,5,6,7,8,9)
Telstra exchange

Example of Telstra Major Conduit Layout with Proposed duct marked to be used by NBN

M < ->

NBN MARKER POST
MARKER POST TO BE NUMBERED

CONDUIT CONFIGURATION

CONDUITS AND DUCTS ARE IN LAYER :
< L460 NBN Support - Underground >
AND TERMINOLOGY CATEGORIZED INTO TWO GROUPS IN THE DRAWING AS PER BELOW:
1- DUCT USED WITH LOCAL NETWORK
2-CONDUIT USED WITH LEAD-IN DROPS
ATTRIBUTES ATTACHED ARE AS SHOWN

CONDUIT SIZE

CONDUIT LENGHT

PIT-ID 9 P100 26.5 PIT-ID 5

CABLE CONFIGURATION

CABLE TYPE:
CABLES DIVIDE INTO FOLLOWING CATEGORIES AND ARE COLOUR CODED:
TRANSIT CABLES COLOUR NO: 1 312F
DISTRIBUTION CABLES COLOUR NO: 190 288F
LOCAL CABLES COLOUR NO: 4 144F
TETHER CABLES COLOUR NO: 3 12F
LEAD IN (DROP) CABLES COLOUR NO: 5 1F

CABLE LOCATION:
CABLE LOCATIONS DETERMINES WHERE THE CABLE IS USED AS PER BELOW:
IN-CONDUIT 288F
AERIAL 144F
BURIED 96F

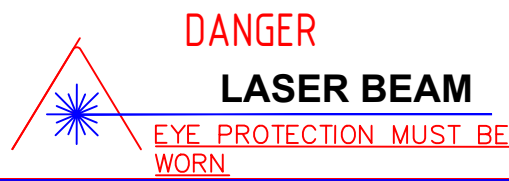
EXAMPLE:
144 FIBRE AERIAL LOCAL CABLE 144F
1 FIBRE BURIED DROP CABLE 1F
432 FIBRE IN-CONDUIT TRANSIT CABLE 48F

CABLE SIZE:
CABLE SIZE IS THE TOTAL NUMBER OF OPTIC FIBRES IN THE CABLE AND IS DETERMINED BY A NUMBER FOLLOWED BY F (FIBRE) OR R (RIBBON) IN THE MIDDLE OF THE LINE TYPE
576F

LINE TYPES ARE CATEGORIZED INTO 3 TYPES:
1- IN-CONDUIT: (XXXXF) 312F , ...
2- AERIAL: (XXXXF_A) 144_A , ...
3- BURIED: (XXXXF_B) 12_B , ...

FSA Boundary
FSAM Boundary
FDA Boundary

STAFF WORKING ON THIS ESTIMATE PLEASE
NOTE: The location of other authorities services which may affect this work have not been obtained by the estimator. Constructor to obtain service information before commencing.



SAFETY FIRST
SAFETY STARTS WITH YOU



-				
-				
-				
-				
A	09/01/2025	VINCE ALCARAZ	FOR CONSTRUCTION	MATT EDWARDS
PR3	16/09/2022	NEIL PINHEIRO	PRELIMINARY ISSUE - UPDATED LOT BOUNDARIES	JACQUELINE LAWTON
PR2	25/08/2022	NEIL PINHEIRO	PRELIMINARY ISSUE - UPDATED STAGE BOUNDARY	JACQUELINE LAWTON
PR1	12/05/2022	NEIL PINHEIRO	PRELIMINARY ISSUE	JACQUELINE LAWTON
REV	DATE	DRAFTER	DESCRIPTION	APPROVED

STRICTLY CONFIDENTIAL

NBNCO APPROVAL RECORD:

☐ DD

☐ WD

☐ AB

SIGNATURE

DATE

QUALITY RECORD :

NBNCO DISCLAIMER
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nbn

Australia's broadband network

CV

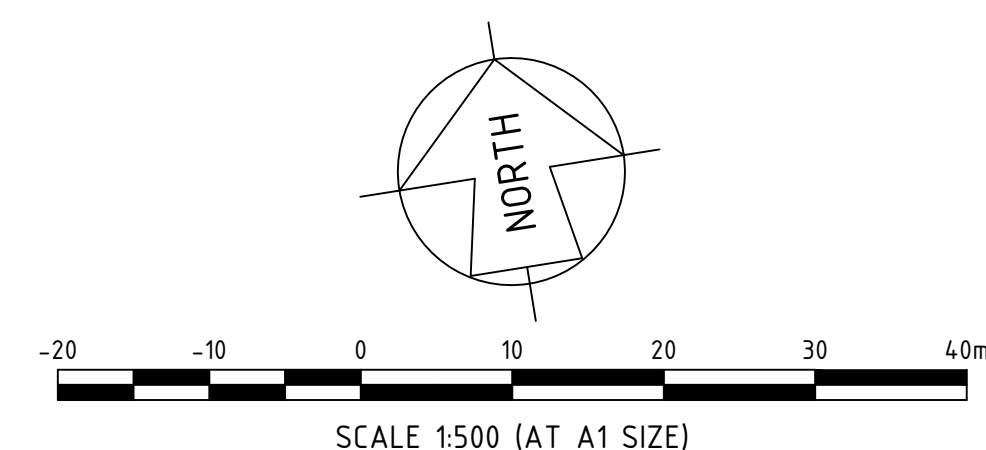
SERVICES GROUP

delivering the edge

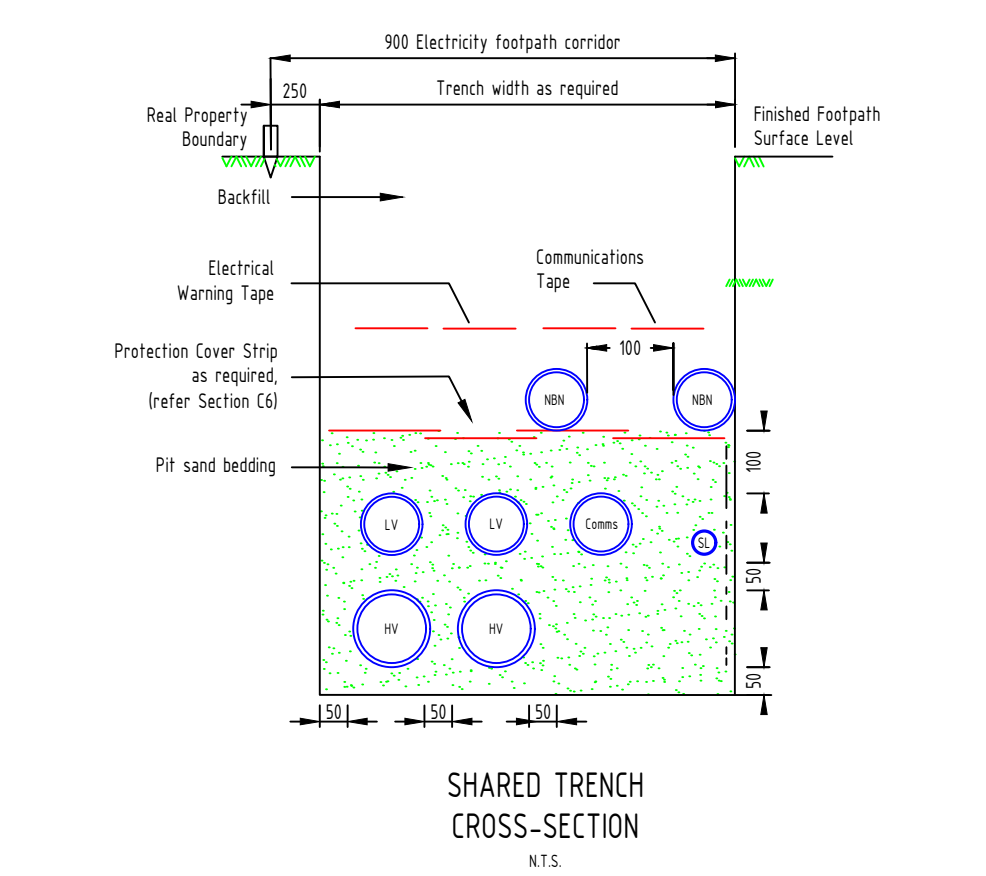
N

KEY PLAN

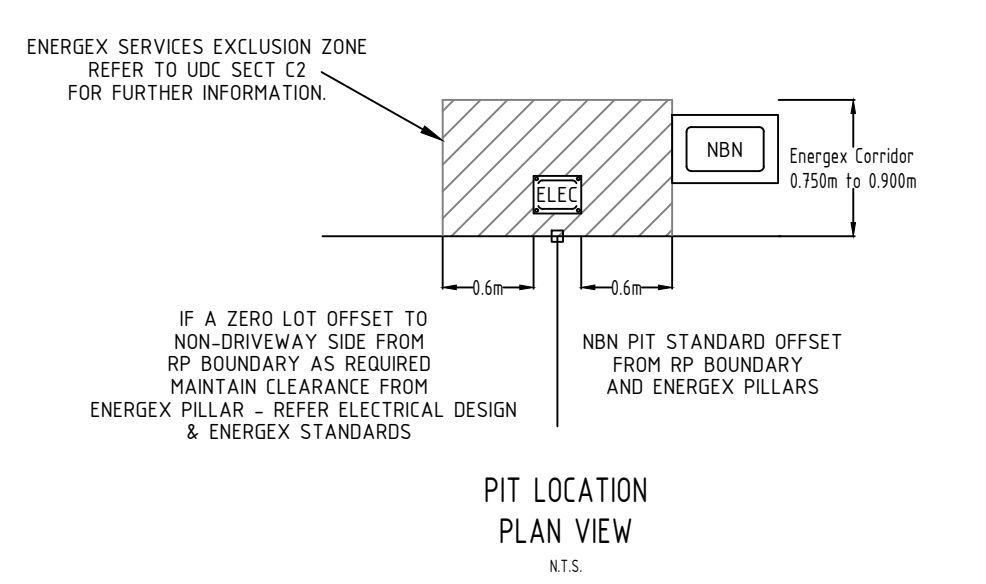
DRAWING TITLE: NBN PIT AND PIPE DESIGN HARMONY - RELEASE 25 CONSERVATION DRIVE PALMVIEW		
ENABLE#: 427928		
STATE: QLD	REGION:	
FSA:	SAM:	ADA:
PROJECT No: STG-M000105899		
CADREF No: C10497-25-4		
SCALE N/A	SHEET No. 1 OF 2	REV. A



Development Name: HARMONY	
Developer Company: AVID	
Development Address: CONSERVATION DR, PALMVIEW	
Authorised Rep: MATT EDWARDS	
Phone: 0427 986 609	
E-Mail: MATT.EDWARDS@CYSERVICES.COM.AU	
nbn Reference Number: STG-M000105899	Stage Number: RELEASE 25
	Design Revision: A



PITS		DUCTS	
SIZE	QTY	SIZE	MTRS
2	6	P100	17
5	7	P50	6
6	4	P20	56
8	1		
9	0		
TOTAL NUMBER OF PITS:		18	
TOTAL NUMBER OF MANHOLES:		0	
TOTAL NUMBER OF CONDUITS:		79	
TOTAL LENGTH OF CONDUITS:		1411.5	



- NBN Pit & Pipe to be installed to NBN Co. Requirements
- Contractor to ensure Energex clearance zones to be maintained PER ENERGEX UDC MANUALS
- All construction to be installed in shared trench unless otherwise shown
- Installation Contractor to confirm Driveway Locations with Civil Contractor prior to installation of pits on site.

FOR CONSTRUCTION



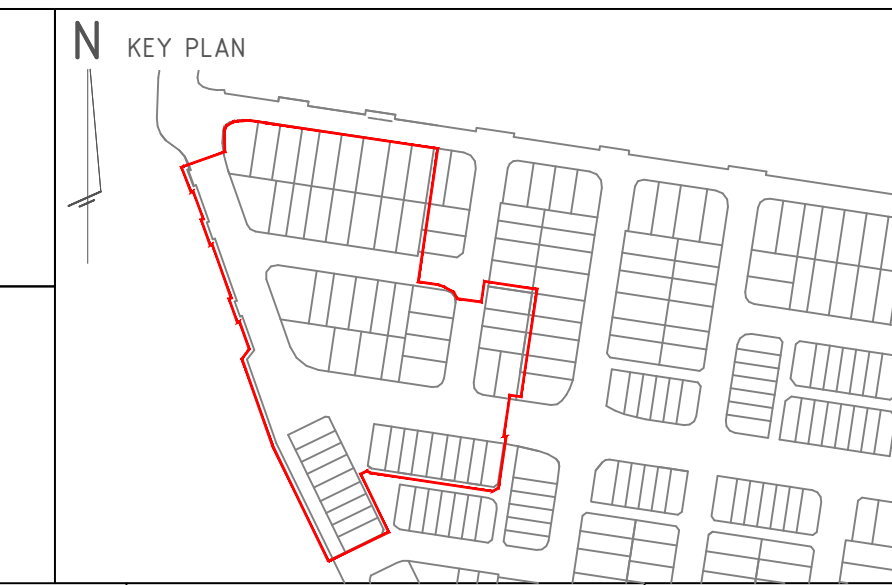
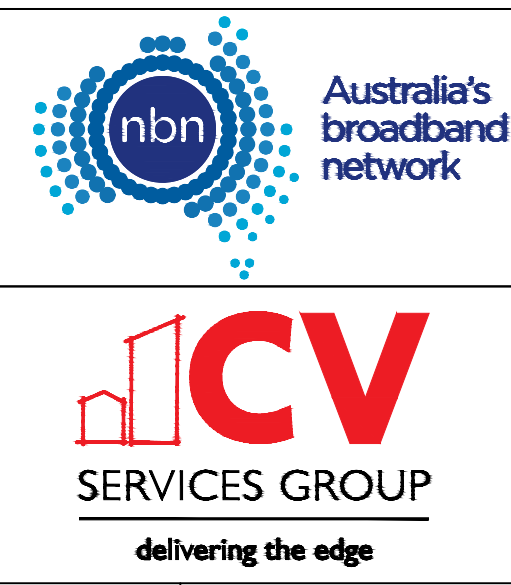
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NBNC APPROVAL RECORD:	
<u>SIGNATURE</u>	<u>DATE</u>
☐ DD _____	_____
☐ WD _____	_____
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QUALITY RECORD :

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HARMONY - RELEASE 25			
CONSERVATION DRIVE			
PALMVIEW			
ENABLE#: 427928			
STATE: QLD		REGION:	
FSA:	SAM:	ADA:	
PROJECT No: STG-M000105899			
CADREF No: C10497-25-4			
SCALE 1:500	SHEET No. 2	OF 2	REV. A