

- 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** Network Access Point (NAP)
- MPT-ID** Multiport (MPT)
n is the number of ports (eg 4,6,8,12)
- Penetration**

 CABLE TRAY:

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.

DANGER LASER BEAM
EYE PROTECTION MUST BE WORN

SAFETY FIRST
SAFETY STARTS WITH YOU

- 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
- X** 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
- M** 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



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

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



LINE TYPES ARE CATEGORIZED INTO 3 TYPES:

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

EXAMPLE:
144 FIBRE AERIAL LOCAL CABLE 144F

1 FIBRE BURIED DROP CABLE 1F

432 FIBRE IN-CONDUIT TRANSIT CABLE 48F

BOUNDARIES:
FSA Boundary
FSAM Boundary
FDA Boundary



REV	DATE	DRAFTER	DESCRIPTION	APPROVED
-				
-				
-				
-				
F.01	14/01/2021	CIPRIAN PASCU	AS BUILT	NAME
.C.01	06/12/2020	CIPRIAN PASCU	AS BUILT	NAME
.B.01	05/08/2020	CIPRIAN PASCU	FOR CONSTRUCTION	NAME
.A.01	01/06/2020	CIPRIAN PASCU	PRELIMINARY	NAME

STRICTLY CONFIDENTIAL

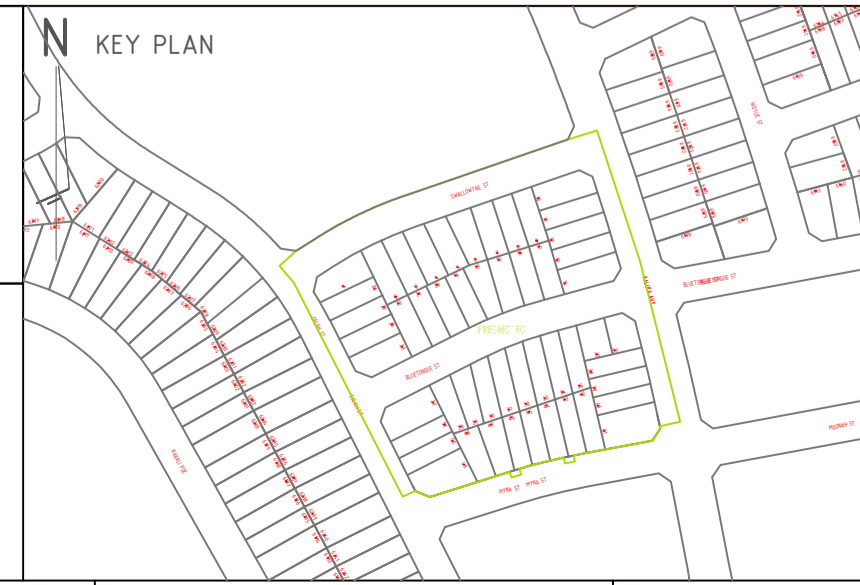
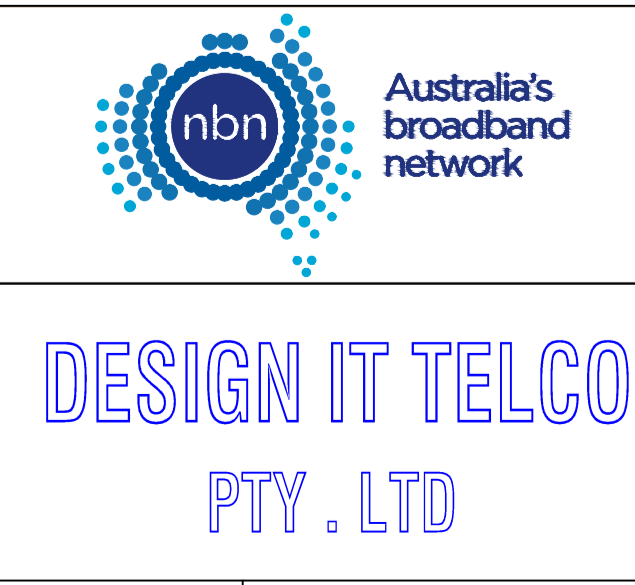
NBNCO APPROVAL RECORD:

SIGNATURE _____ DATE _____

DD _____
WD _____
AB _____

QUALITY RECORD:

NBNCO DISCLAIMER
THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR THE USE OF NBNCO LIMITED (ABN 86 136 533 741) FOR USE IN MAINTAINING NBNCO FACILITIES. IT HAS NOT BEEN CREATED FOR ANY OTHER USE. IT SHOULD NOT BE SCALED TO LOCATE NBNCO ASSETS. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE.



DRAWING TITLE:
51 LOTS SUBDIVISION - PIT & PIPE PROJECT
GALAH STREET, MARSDEN PARK
"NEW PARK"
PRECINCT 6C

ENABLE#:

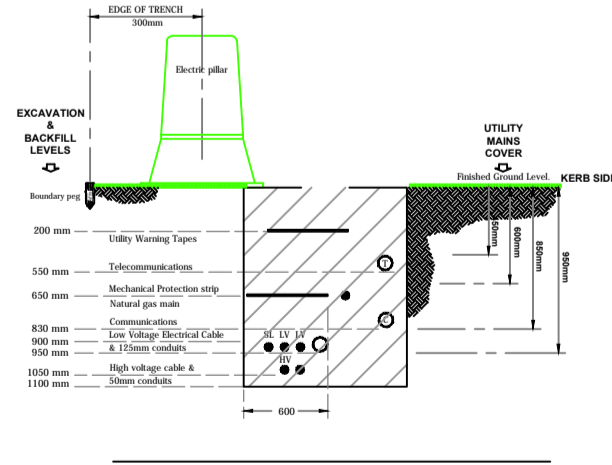
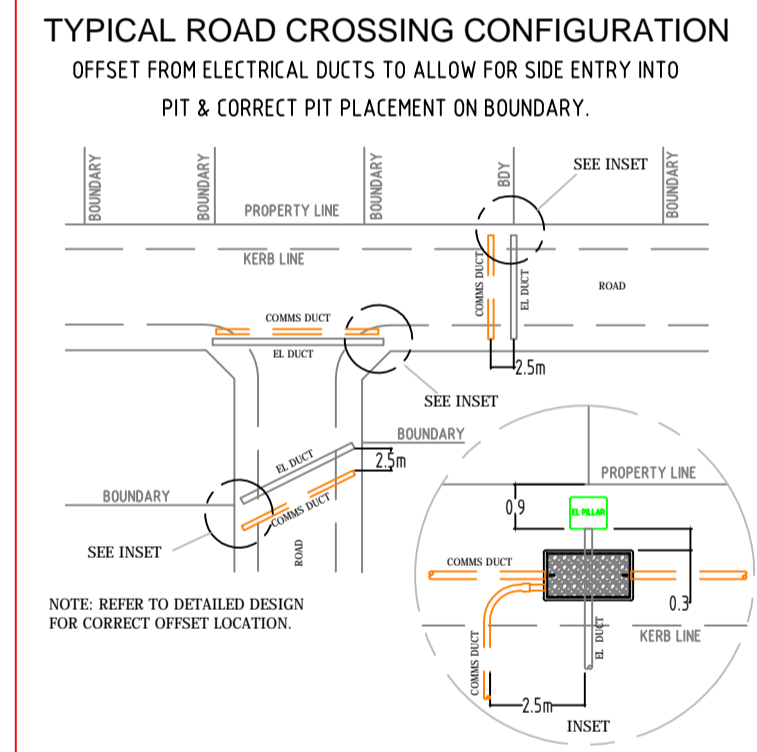
STATE: NSW REGION:

FSA: SAM: ADA:

PROJECT No: STG-M000038192

CADREF No: PN 35203

SCALE N/A SHEET No. OF REV. F



DESIGN & CONSTRUCTION AS PER WRN GUIDELINES DOCUMENT.
 * INSTALLING PIT AND CONDUIT INFRASTRUCTURE - GUIDELINES FOR DEVELOPERS * - 08/07/2013

CIVIL CONTRACTORS ARE NOT TO LINK INTO EXISTING TELSTRA OR OTHER SERVICE PROVIDER NETWORK. NEW NETWORK WILL BE LINKED UNDER FUTURE PROJECT. PIT AND PIPE ONLY WITH-IN THE DEVELOPMENT



REV	DATE	DRAFTER	DESCRIPTION	APPROVED
-				
-				
-				
-				
-				
-				
-				
-				
-				

STRICTLY CONFIDENTIAL

NBNCO APPROVAL RECORD:

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

QUALITY RECORD :

NBNCO DISCLAIMER
 THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR THE USE OF NBNCO LIMITED (ABN 86 136 533 741) FOR USE IN MAINTAINING NBNCO FACILITIES. IT HAS NOT BEEN CREATED FOR ANY OTHER USE. IT SHOULD NOT BE SCALED TO LOCATE NBNCO ASSETS. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE.

DESIGN IT TELCO
 PTY . LTD

N KEY PLAN

DRAWING TITLE:
 51 LOTS SUBDIVISION - PIT & PIPE PROJECT
 GALAH STREET, MARSDEN PARK
 "NEW PARK"
 PRECINCT 6C

ENABLE#:

STATE: **NSW** REGION:

FSA: SAM: ADA:

PROJECT No: **STG-M000038192**

CADREF No: **PN 35203**

SCALE: **N/A** SHEET No. **1** OF **1** REV. **F**