

LEGEND:

PIT-ID

2

Service Drop Access Pit
(650mmX280mmX565mm)

PIT-ID

5

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

PWR

Pole Mount Sub-station Transformer

CONDUIT SIZE

PIT-ID

5

P100

26.5

PIT-ID

5

CONDUIT LENGHT

SAFETY FIRST
SAFETY STARTS WITH YOU



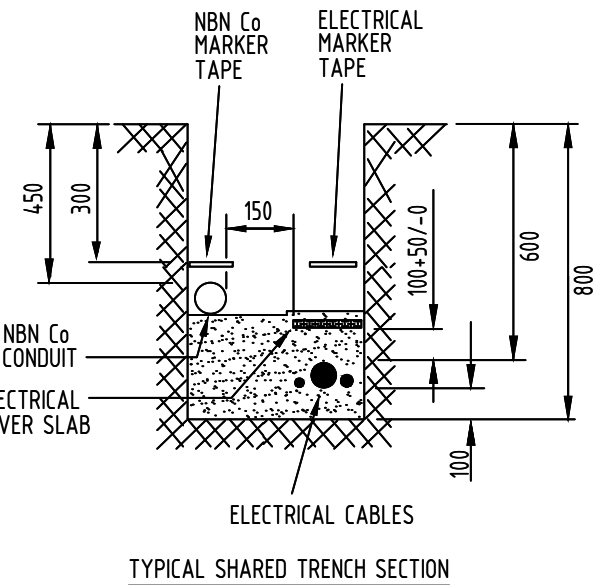
CONDUIT DEPTHS AND COVER	
LOCATION	MINIMUM COVER
SERVICE DROP CONDUIT (less than 3m from the pit to the boundary entry)	300mm
SERVICE DROP CONDUIT (more than 3m from the pit to the boundary entry)	450mm
VERGE (walkways, footpaths)	450mm
ROAD (non-state or territory)	600mm
ROAD CROSSING	800mm to 1200 (typically)

MINIMUM CURVE AND BEND RADII			
Minimum Internal conduit diameter	Minimum curve / bend radius		
	Long run (mm) no pre-formed bends	Long run (mm) using pre-formed bends	Short run (mm) using pre-formed bends
100mm	13,000	5,000	800
50mm	6,500	800	300
20mm	2,600	Not applicable	300

CLEARANCE FROM OTHER CARRIERS AND SERVICES		
Service item	Minimal Radial Clearances *1	
GAS PIPE	Over 110mm	300mm
	110mm or Less	150mm
POWER	High Voltage	300mm
	Low Voltage	100mm *2
WATER MAINS	High Pressure/Capacity	300mm
	Local Reticulation	150mm
SEWER	Main	300mm
	Connection Pipe	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 and cover batten.



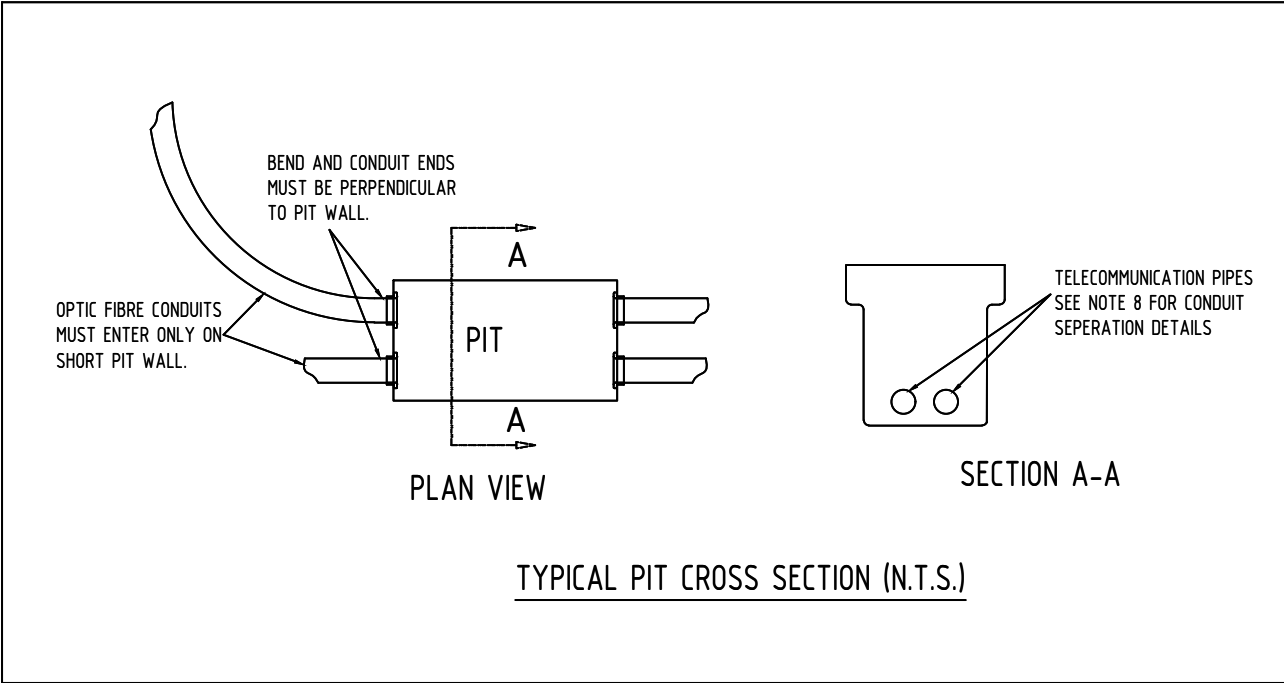
ALL TRENCHES TO BE SUPPLIED BY DEVELOPER, SHARED TRENCH WITH ELECTRICALS UNLESS NOTED OTHERWISE

SDU Development Information

Development Name:	
Zuccoli Aspire LOT 13356	
Developer Company:	
COSTOJIC PTY LTD	
Development Address:	
ZUCCOLI NT	
Authorised Rep:	
ASHBURNER FRANCIS PTY LTD	
Phone: 0889420585	
E-Mail: claudioj@ashburnerfrancis.com.au	
nbn Reference Number:	Stage Number:
	1B
Design Revision:	
A	

BILL OF MATERIAL				
NO OF LOTS:10				
PITS		DUCTS		
SIZE	QTY	SIZE	QTY	MTRS
2	2	P100	2	48.4
5	3	P50	3	90.2
6	0	P20	10	128.6
8	0			
9	0			
TOTAL NUMBER OF PITS:		5		
TOTAL NUMBER OF MANHOLES:		0		
TOTAL NUMBER OF CONDUITS:		15		
TOTAL LENGTH OF CONDUITS:		267.2		

- NOTE 1:
PROJECT HAS BEEN DESIGNED TO NBNCo. GUIDELINES. ANY CONSTRUCTION CARRIED OUT BY DEVELOPERS/CONSTRUCTORS BASED ON THIS PLAN ARE TO BE CARRIED OUT AT OWN RISK. REFER TO NBNCo. WEB SITE FOR GUIDELINES FOR DEVELOPERS NBN-TE-CTO-194.
- NOTE 2:
ENSURE THAT THE INSTALLATION OF ALL P50 ROAD CROSSINGS ARE SET AS CLOSE TO 90 DEGREES AS POSSIBLE.
- NOTE 3:
NO CONDUIT INFRASTRUCTURE INCLUDED IN THIS DESIGN IS TO BE CONNECTED TO ANY EXISTING INFRASTRUCTURE THAT IS NOT OWNED BY THE DEVELOPER.
- NOTE 4:
ALL CONDUIT IS LOCAL UNLESS NOTED OTHERWISE.
- NOTE 5:
CONTRACTOR TO SEAL AND BURY P100 AND P20 CONDUITS AT END OF PROVIDED SHARED TRENCH TO NBNCo. GUIDELINES.
- NOTE 6:
REFER TO POWER/ELECTRICAL DESIGN FOR MINIMUM CLEARANCE DISTANCE REQUIRED BETWEEN ELECTRICAL PILLAR OR PIT AND TELECOMMUNICATIONS PIT.



NBN SYSTEM NOTES

- ALL CONDUIT SHALL ENTER AND EXIT THROUGH THE PIT ENDS (SHORT SIDE) AND COMPLY WITH THE MAXIMUM NUMBER AND SIZE OF CONDUIT ENTRIES ALLOWED.
- FINAL DROP CONDUITS (P20) SHALL HAVE A MAXIMUM NUMBER OF 3 OFF 90 DEGREE SWEEP BENDS BETWEEN PIT TAKE OFF AND THE P20 MINIMUM RADIUS 300mm, BE FITTED WITH 10mm DIA. NYLON DRAW ROPE AND APPROVED DROP STUB LABEL TIED TO DRAW ROPE AT PIT END.
- PROVIDE COMPLETE CERTIFICATION OF THE COMPLETED INSTALLATION UPON COMPLETION OF COMPLIANCE TESTING SET OUT IN NBN GUIDELINES.
- ALL TRENCHES SHALL BE CO-ORDINATED WITH OTHER SERVICES AND STRUCTURES AND BE COMPLETE WITH 50mm BEDDING SAND.
- ALL CONDUITS SHALL BE SEALED AGAINST INGRESS OF DIRT AND WATER AS REQUIRED BY NBN GUIDELINES.
- PITS SHALL NOT BE LOCATED WITHIN FIVE METRES OF A CORNER OF A STREET, IN A VEHICULAR ACCESS OR IN A DRIVEWAY.
- COMMON TRENCHING WITH ELECTRICAL AND OTHER SERVICES SHALL BE CO-ORDINATED WITH RESPECTIVE PARTIES TO ENSURE NBN SPACING STANDARDS ARE COMPLIED WITH.
- INSTALL GUARD WIRE TO NBN DOCUMENT 010264A01 IN ALL TRENCHES.
- INSTALL PIT LIDS MARKED ONLY WITH NBN OR COMMUNICATIONS
- INSTALL ONLY WHITE COMMUNICATION CONDUITS.



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B	13/05/21	C J	AS CONSTRUCTED	C J	
A	06/04/20	C J	PRELIMINARY ISSUE	C J	
REV	DATE	DRAFTER	DESCRIPTION	APPROVED	

STRICTLY CONFIDENTIAL

NBNCO APPROVAL RECORD:

SIGNATURE

DATE

☐ DD

☐ WD

☐ AB

QUALITY RECORD :

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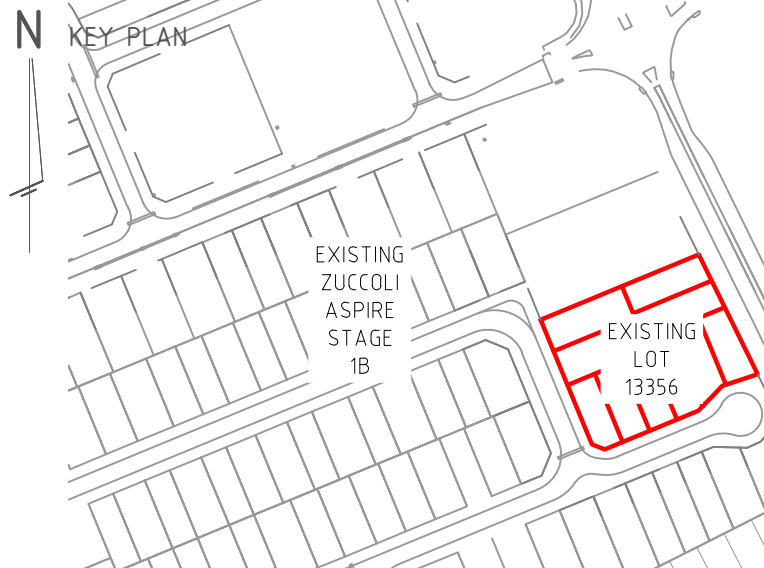


Ashburner Francis consulting engineers

ASHBURNER FRANCIS PTY LTD (A.B.N. 46 009 975 197)

DARWIN
Suite C102, Wheel
19 Richardson Drive
Darwin Northern NT 0800
t: (08) 8942 0585
e: darwin@ashburnerfrancis.com.au

BRISBANE
TOWNSVILLE
TOOWOOMBA
PERTH
CAIRNS



DRAWING TITLE:
LOT 13356 33 OATGRASS ST ZUCCOLI ASPIRE STAGE 1B
LAYOUT PLAN PIT AND PIPE

ENABLE#:

STATE: NT

REGION: DARWIN

PSA:

SAM:

ADA:

PROJECT No: STG-M000041601

CADREF No:

SCALE 1:500

SHEET No. 1 OF 1

REV. B