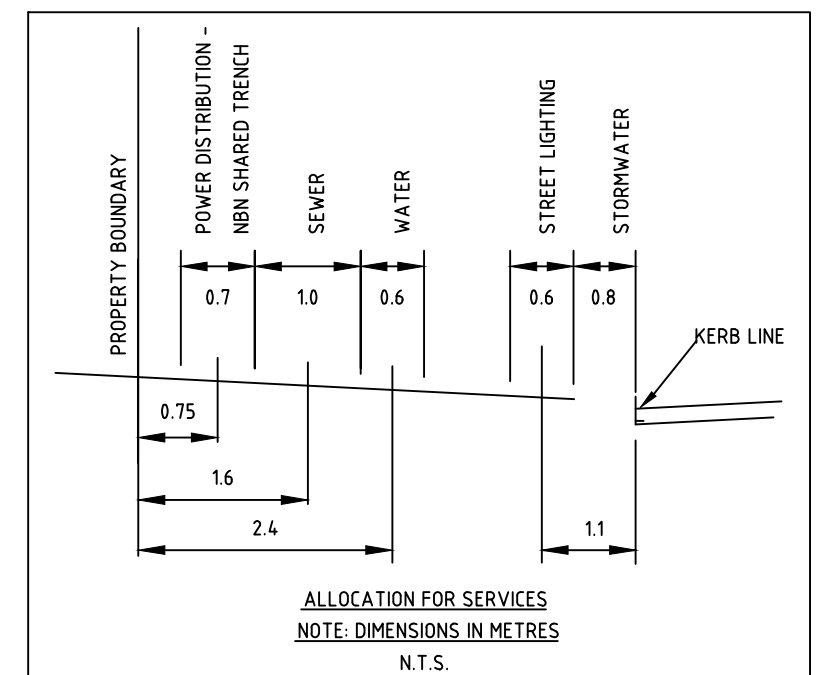


FOR CONTINUATION SEE
ZUCCOLI ESTATE STAGE 2D
NBNC REF: AYCA-239M13

**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.

For underground service locations contact:
Dial Before You Dig - Ph: 1100



BILL OF MATERIAL

NO OF LOTS: 41

PITS		DUCTS		
SIZE	QTY	SIZE	QTY	MTRS
2	8	P100	16	456.5
5	12	P50	8	230.1
8	2	P23	41	302
9	0			

TOTAL NUMBER OF PITS: 22
TOTAL NUMBER OF CONDUITS: 65
TOTAL LENGTH OF CONDUITS: 988.6

Development Information

Development Name: ZUCCOLI ESTATE
Developer Company: BELLAMACK PTY LTD

Development Address: ZUCCOLI PDE, PALMERSTON, NT

Authorised Rep: DANIEL CAMERON
Phone: 08 8982 4821
E-Mail: Daniel.Cameron@jacobs.com

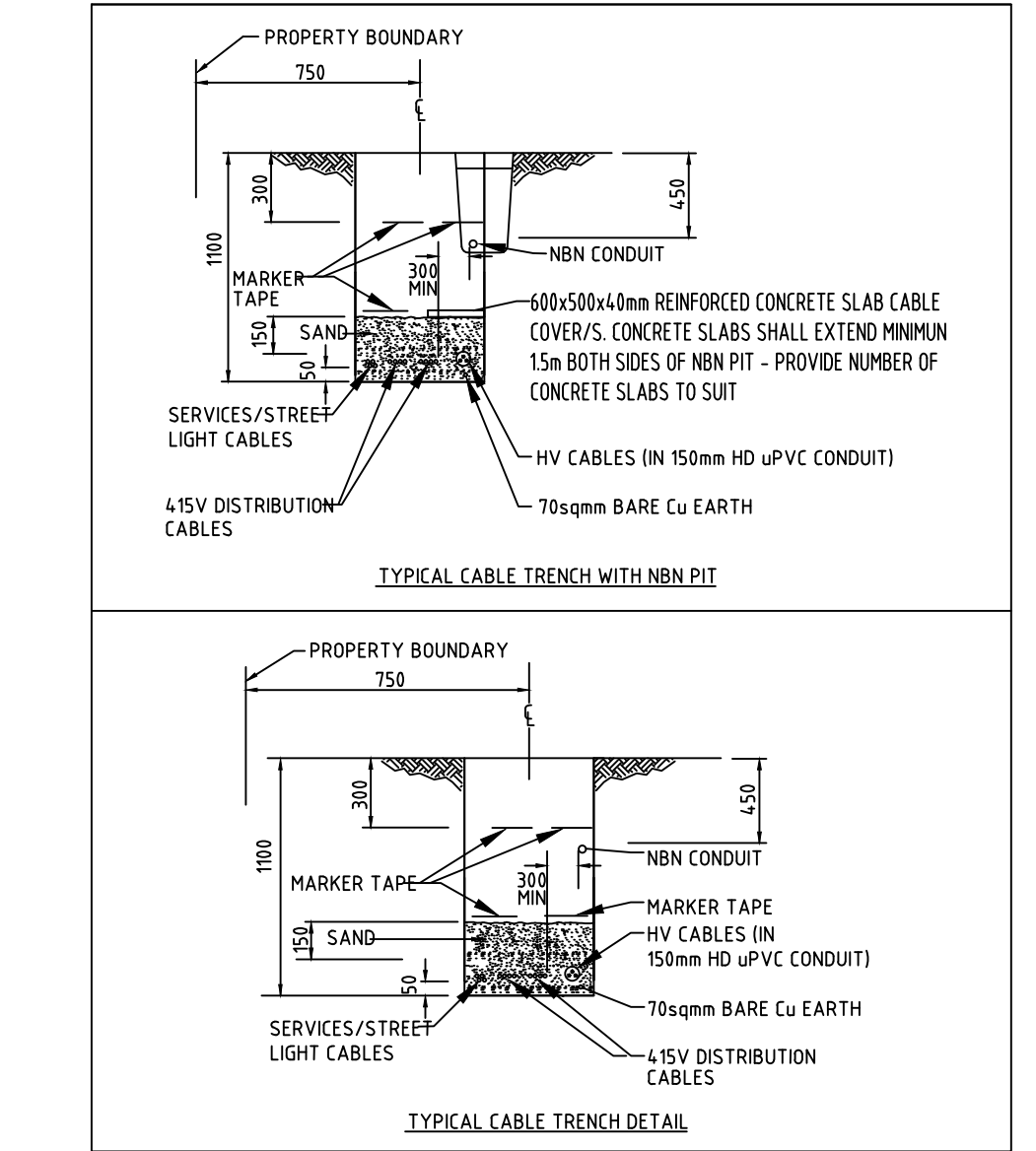
CRM ID: AYCA-239M4K
Stage Number: 2E

- NOTES:**
- COMMUNICATIONS CONDUITS, ASSOCIATED FITTINGS, CAPS, DRAW WIRE, HAUL ROPES, INSTALLATION, TRENCHING, BEDDING AND BACKFILL ARE TO BE PROVIDED IN ACCORDANCE WITH AS/ACIF 5008:2006, ACIF C524:2004, AS/NZS2032:2006, AS/ACIF 5009:2006 COUNCIL CIVIL WORKS SPECIFICATION, RELEVANT MANUFACTURERS RECOMMENDATIONS AND NBN Co "NEW DEVELOPMENTS: DEPLOYMENT OF THE NBN Co CONDUIT & PIT NETWORK - GUIDELINES FOR DEVELOPERS" (V4, 9 JULY 2013).
 - 100mm & 50mm LOCAL NETWORK & LATERAL CONDUITS, 20mm & 50mm SERVICE DROP CONDUITS TO BE WHITE. BOTH ARE TO BE STAMPED "COMMUNICATIONS" AND COMPLY WITH AS/ACIF5008:2006.
 - ALL CONDUIT BENDS SHALL BE PREFABRICATED. COMBINATIONS OF BENDS WITH ANGLES OF 15°, 22.5° AND 30° SHOULD BE USED TO CHANGE THE DIRECTION OF THE 100mm CONDUIT WHERE REQUIRED. 50mm CONDUIT BENDS UTILISED FOR LOCAL LATERAL DUCTS CAN UTILISE A 90° BEND WHERE REQUIRED.
 - THE MINIMUM RADIUS OF THE CONDUIT BENDS SHOULD BE A MINIMUM OF 8 X THE OUTER DIAMETER OF THE CONDUIT.
 - PROVIDE 20mm (MINIMUM) SERVICE DROP CONDUITS FOR SINGLE DWELLING UNITS AND 50mm (MINIMUM) SERVICE DROP CONDUITS FOR MULTI DWELLING UNITS. SERVICE DROP CONDUITS ARE TO BE EXTENDED FROM THE LOCAL NETWORK / BOUNDARY PIT OR SERVICE DROP ACCESS PIT TO THE LOT BOUNDARY AND SHALL BE CAPPED NO MORE THAN 1 METER INSIDE THE LOT.
 - 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 (TYPICALLY)

- CONDUITS SHOULD ENTER THE PITS VIA THE END OF THE PIT ONLY AND BE LOCATED CENTRALLY WITH AT LEAST 50mm OF SPACE BETWEEN CONDUIT EXTERIOR AND THE PIT FLOOR. WHERE MULTIPLE DUCTS ENTER A PIT 25mm (MINIMUM) SEPARATION IS REQUIRED BETWEEN EACH DUCT.
- ALL CONDUIT ENDS ARE TO FINISH SQUARE AND FLUSH WITH THE PIT END WALLS AND BE FITTED WITH BUSHES FLUSH WITH THE PIT WALL ENDS. ALL ENTRIES SHOULD BE SEALED BETWEEN THE CONDUIT EXTERIOR AND THE PIT WALL.
- A DRAW STRING OR SIMILAR (SUITABLE FOR USE AS A CABLE HAULING AID) SHALL BE INSTALLED WITHIN EACH CONDUIT AND THE CONDUIT ENDS SEALED.
- MINIMUM RADIAL CLEARANCE BETWEEN NBN Co CONDUITS AND OTHER UNDERGROUND SERVICES SHALL BE MAINTAINED IN ACCORDANCE WITH THE FOLLOWING TABLE:

*1 - REDUCED SEPARATION IS POSSIBLE WHERE ALL PARTIES ARE CONSULTED AND AGREEMENT IS REACHED
*2 - ONLY WHERE PROTECTION BARRIERS ARE USED, FOR EXAMPLE, CONDUIT, BEDDING, MARKER TAPE & COVER BATTEN



PROJECT LEGEND

---	CONDUIT MAIN	[P2]	P2 Pit-Service Drop Access Pit 650mm(L) x 280mm(W) x 565mm(D)
---	CONDUIT DROP 23mm (ID) TELECOMMUNICATIONS CONDUIT UNLESS OTHERWISE STATED	[P5]	P5 Pit-Local Network / Boundary Pit 700mm(L) x 450mm(W) x 550mm(D)
---	EXISTING NETWORK	[P8]	P8 Pit-Local Network Conn. / Dist Pit 1360mm(L) x 555mm(W) x 860mm(D)
P100	100mm (ID) TELECOMMUNICATIONS CONDUIT	[P9]	P9 Pit-Fibre Distribution Hub Pit 2000mm(L) x 555mm(W) x 900mm(D)
P50	50mm (ID) TELECOMMUNICATIONS CONDUIT	[FH]	FIBRE DISTRIBUTION HUB
Z	SHARED TRENCH	[HAZ]	EPB HAZARD AREA

AS-BUILT

MATCHLINE - CONTINUED ON SHEET 2

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

REV	DATE	DRAFTER	DESCRIPTION	APPROVED
C	22.03.2016	SM (G3NS)	AS-BUILT DETAILS ADDED	GJ (G3NS)
B	01.07.2015	SM (G3NS)	DESIGN REVIEW COMPLETED BY NBN, DRAWING ISSUED FOR CONSTRUCTION	GJ (G3NS)
A	09.04.2015	GJ (G3NS)	INITIAL DESIGN OF INTENT	SM (G3NS)

NBNC APPROVAL RECORD:

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

QUALITY RECORD :

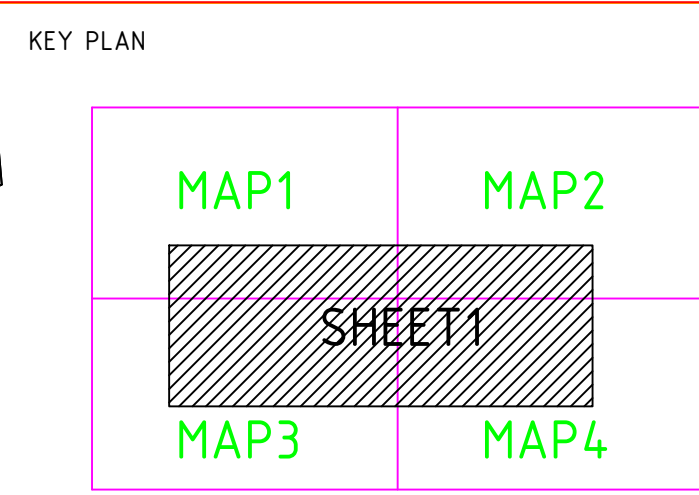
NBNC DISCLAIMER :

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NBNCo Limited

G3 NETWORK SERVICES PTY LTD
ABN 19 141 073 047

PO BOX 95 CHELSEA VIC 3196
EMAIL: info@g3networkservices.com.au
WEB: www.g3networkservices.com.au



DRAWING TITLE:
**NBNC PIT & PIPE AS-BUILT
ZUCCOLI ESTATE STAGE 2 - STAGE 2E
PALMERSTON
41 LOTS**

STATE: NT REGION: _____

FSA: _____ FSAM: _____ FDA: _____

PROJECT No: AYCA-239M4K

CADREF No: G3NS0769

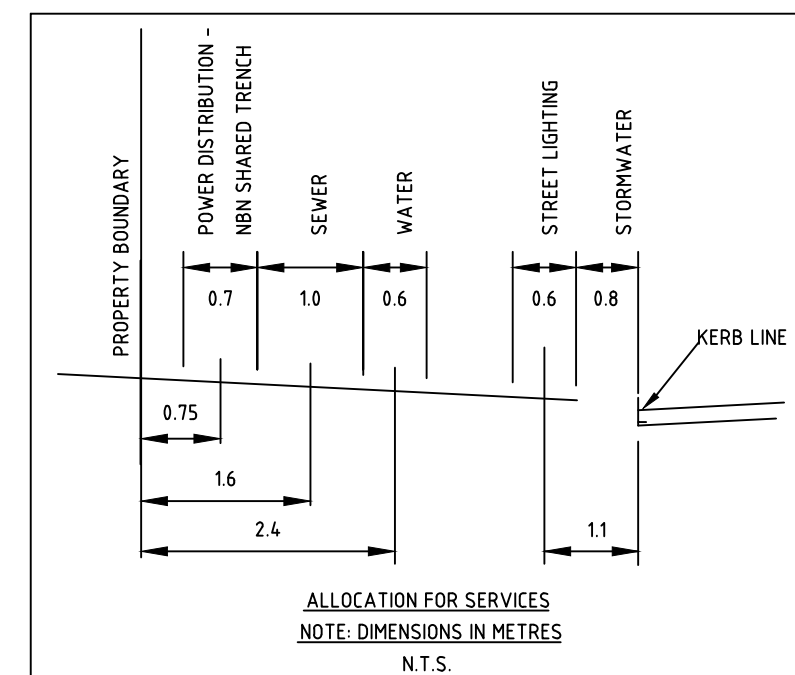
SCALE: NTS SHEET No. 1 OF 2 REV. C



BILL OF MATERIAL				
NO OF LOTS: 41				
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SIZE	QTY	SIZE	QTY	MTRS
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ZUCCOLI ESTATE	BELLAMACK PTY LTD
Development Address:	
ZUCCOLI PDE, PALMERSTON, NT	
Authorised Rep:	
DANIEL CAMERON	
Phone: 08 8982 4821	
E-Mail: Daniel.Cameron@jacobs.com	
CRM ID:	Stage Number:
AYCA-239M4K	2E



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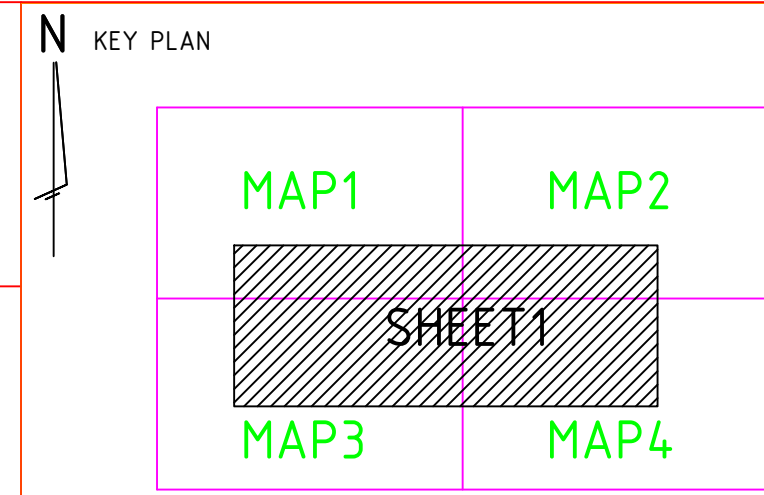
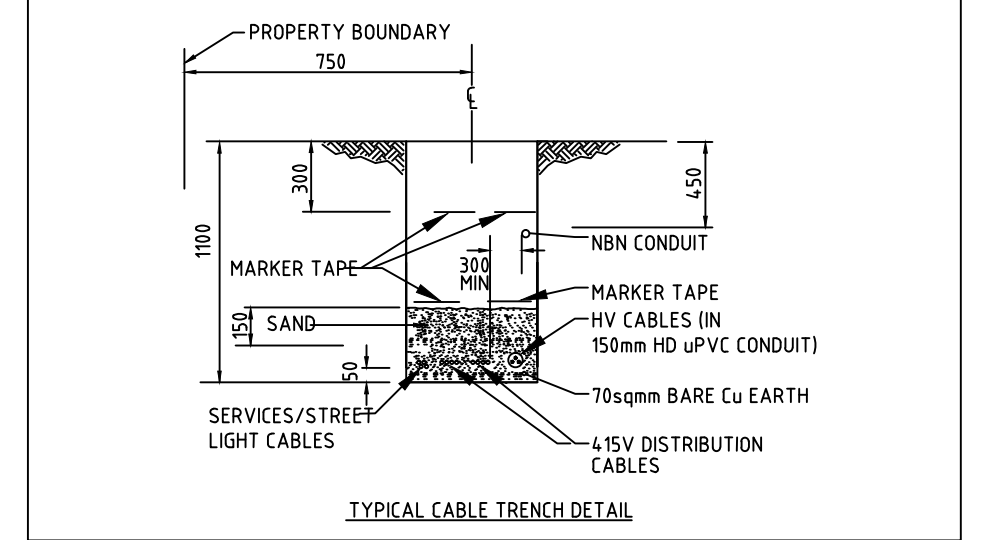
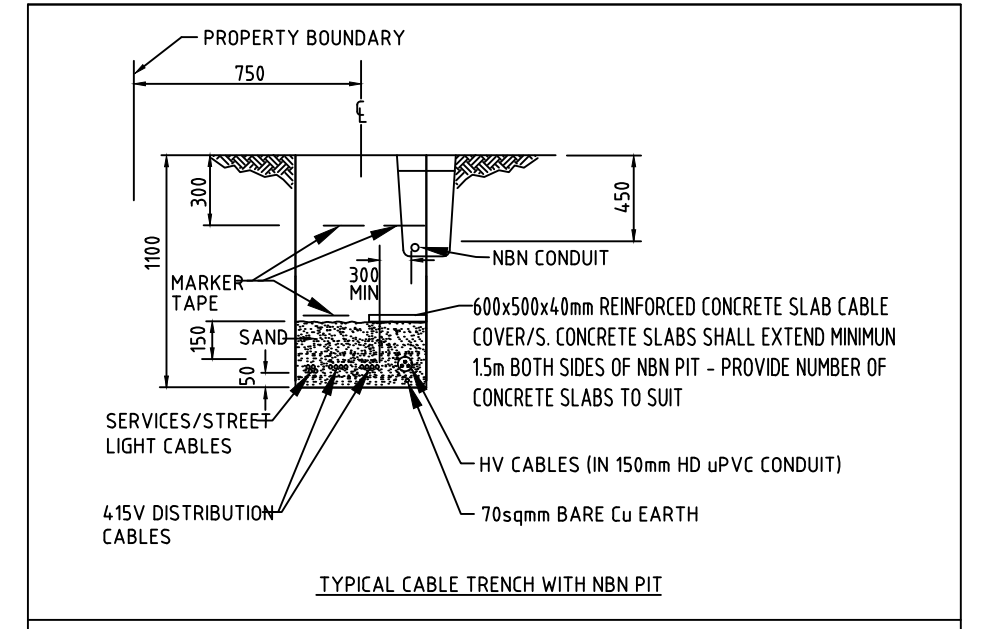
AS-BUILT

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	SHARED TRENCH		

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NBNC APPROVAL RECORD:

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QUALITY RECORD :

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DRAWING TITLE:
NBN Co PIT & PIPE AS-BUILT
ZUCCOLI ESTATE STAGE 2 - STAGE 2E
PALMERSTON
41 LOTS

STATE: NT	REGION:
FSA:	FSAM: FDA:
PROJECT No: AYCA-239M4K	
CADREF No: G3NS0769	
SCALE NTS	SHEET No. 2 OF 2 REV. C