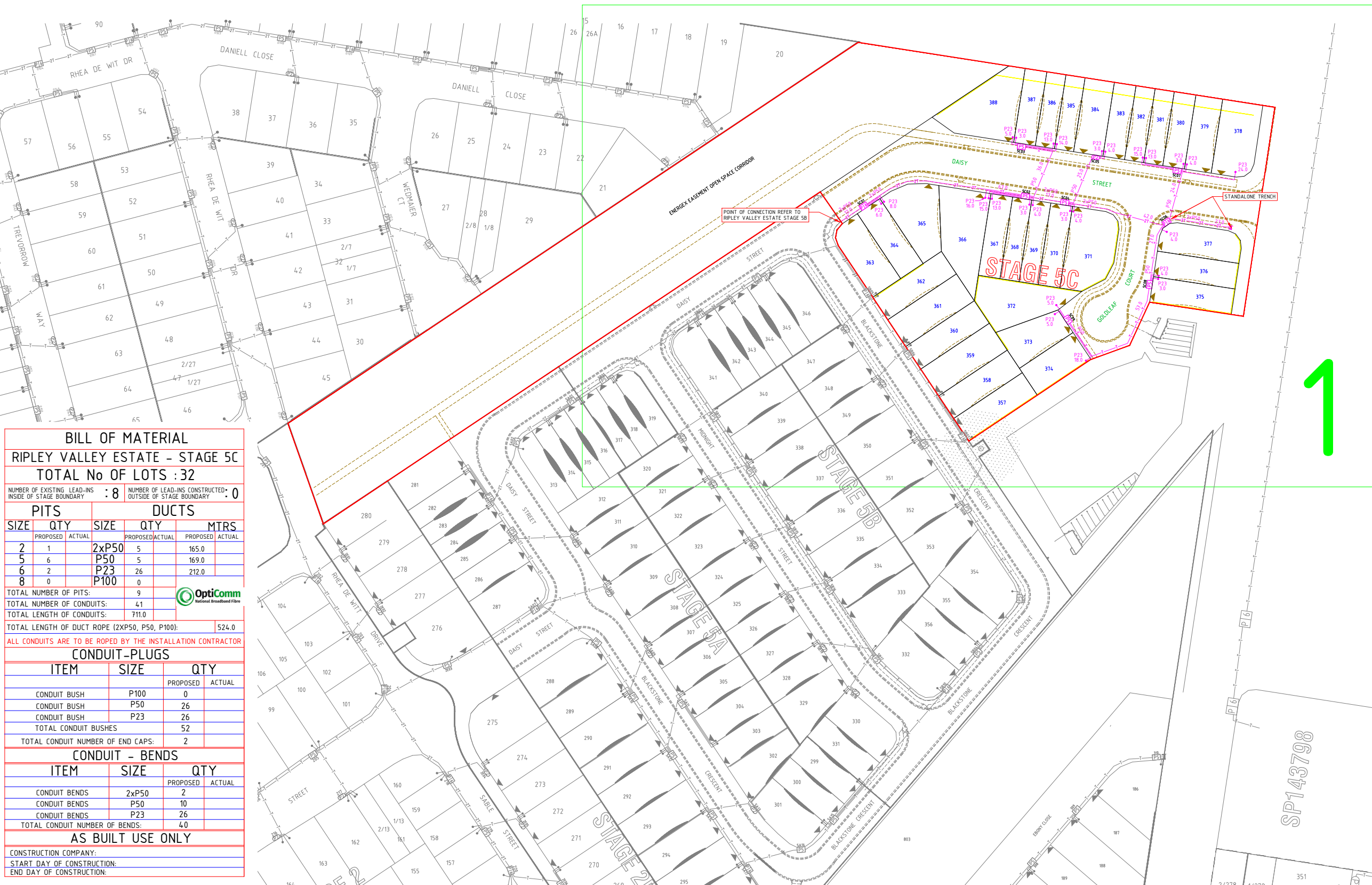


RIPLY VALLEY

- NOTE:
- ALL PIT LIDS USED TO HAVE GENERIC COMMUNICATIONS PIT LABEL (EX. NON-NBN, NON TELSTRA ETC.)
 - PIT SYMBOLS ARE NOT 1:1 SCALE



BILL OF MATERIAL							
RIPLEY VALLEY ESTATE - STAGE 5C							
TOTAL No OF LOTS : 32							
NUMBER OF EXISTING LEAD-INS INSIDE OF STAGE BOUNDARY			: 8	NUMBER OF LEAD-INS CONSTRUCTED OUTSIDE OF STAGE BOUNDARY			: 0
PITS			DUCTS				
SIZE	QTY		SIZE	QTY	MTRS		
	PROPOSED	ACTUAL		PROPOSED	ACTUAL	ACTUAL	
2	1		2xP50	5	165.0		
5	6		P50	5	169.0		
6	2		P23	26	212.0		
8	0		P100	0			
TOTAL NUMBER OF PITS:				9			
TOTAL NUMBER OF CONDUITS:				41			
TOTAL LENGTH OF CONDUITS:				711.0			
TOTAL LENGTH OF DUCT ROPE (2XP50, P50, P100):					524.0		
ALL CONDUITS ARE TO BE ROPED BY THE INSTALLATION CONTRACTOR							
CONDUIT-PLUGS							
ITEM	SIZE	QTY					
		PROPOSED	ACTUAL				
CONDUIT BUSH	P100	0					
CONDUIT BUSH	P50	26					
CONDUIT BUSH	P23	26					
TOTAL CONDUIT BUSHES		52					
TOTAL CONDUIT NUMBER OF END CAPS:		2					
CONDUIT - BENDS							
ITEM	SIZE	QTY					
		PROPOSED	ACTUAL				
CONDUIT BENDS	2xP50	2					
CONDUIT BENDS	P50	10					
CONDUIT BENDS	P23	26					
TOTAL CONDUIT NUMBER OF BENDS:		40					
AS BUILT USE ONLY							
CONSTRUCTION COMPANY:							
START DAY OF CONSTRUCTION:							
END DAY OF CONSTRUCTION:							

Typical OptiComm Clearance from other Underground Utility & Carrier Services	
Underground Plant Item	Minimum Radial Clearance from Underground Telecommunications Cable in mm (Notes 1, 4)
Gas Pipe	
Large Main (Over 110 mm diameter)	300
Small Main (75 mm diameter or less)	150
Power Line and Service Lines	
HV	300 (Note 2)
LV	100 (Note 3)
Water Main	
High Capacity Main	300
Local Retention	150
Sewer	
Mains	300
Connections to Mains	150 (Note 3)
Other Carrier Telecommunication Cables	100

- NOTES:
- Lesser separations may be used where all the parties involved concur.
 - Where protective covering/barriers have not been provided over HV Power Lines, a minimum separation should be 450 mm.
 - LV Customer Leads and Service Lines housed in appropriately coloured pipes may share a common trench or bore on private property and under roadways without specified separation.
 - Telecommunication Cable includes non-conductive or passive communications cables such as self-supporting fibre optic cable.

Pit and Pipe installation to conform with G445:2017 & C524:2013 as well as relevant local state and territory standards where practical.



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OPTICOMM PROJECT MANAGER : ANDREW GARROW

CONTACT NUMBER : 0438 973 566

EMAIL : AGARROW@OPTICOMM.COM.AU

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REV	DATE	DESIGN	DESCRIPTION	CHECKED	APPROVED
2	16/10/2023	RT-RELINK	DUAL LEAD-INS ADDED AS PER LATEST PDF PLANS	N.V.	I.A.
1	22/09/2023	SD-RELINK	CIVIL DESIGN ISSUED FOR CONSTRUCTION	N.V.	I.A.

Legend

- 1x 100mm (ID) Telecommunication Pipe
- 2x 100mm (ID) Telecommunication Pipe
- 3x 100mm (ID) Telecommunication Pipe
- 4x 100mm (ID) Telecommunication Pipe
- 5x 100mm (ID) Telecommunication Pipe
- 2x 50mm (ID) Telecommunication Pipe
- 1x 50mm (ID) Telecommunication Pipe
- 50mm Telecommunication Pipe used as a Protective Sleeve
- Telecommunication Pipe
- Minimum Pipe Bend Radius for 50mm and 100mm
- P5 P50 (1200mm X W585mm X D900mm)
- P6 P60 (1190mm X W555mm X D860mm)
- P7 P70 (1190mm X W555mm X D860mm)
- P8 P80 (1190mm X W555mm X D860mm)
- P9 P90 (1190mm X W555mm X D860mm)
- P10 P100 (1190mm X W555mm X D860mm)
- P11 P110 (1190mm X W555mm X D860mm)
- P12 P120 (1190mm X W555mm X D860mm)
- P13 P130 (1190mm X W555mm X D860mm)
- P14 P140 (1190mm X W555mm X D860mm)
- P15 P150 (1190mm X W555mm X D860mm)
- P16 P160 (1190mm X W555mm X D860mm)
- P17 P170 (1190mm X W555mm X D860mm)
- P18 P180 (1190mm X W555mm X D860mm)
- P19 P190 (1190mm X W555mm X D860mm)
- P20 P200 (1190mm X W555mm X D860mm)
- P21 P210 (1190mm X W555mm X D860mm)
- P22 P220 (1190mm X W555mm X D860mm)
- P23 P230 (1190mm X W555mm X D860mm)
- P24 P240 (1190mm X W555mm X D860mm)
- P25 P250 (1190mm X W555mm X D860mm)
- P26 P260 (1190mm X W555mm X D860mm)
- P27 P270 (1190mm X W555mm X D860mm)
- P28 P280 (1190mm X W555mm X D860mm)
- P29 P290 (1190mm X W555mm X D860mm)
- P30 P300 (1190mm X W555mm X D860mm)
- P31 P310 (1190mm X W555mm X D860mm)
- P32 P320 (1190mm X W555mm X D860mm)
- P33 P330 (1190mm X W555mm X D860mm)
- P34 P340 (1190mm X W555mm X D860mm)
- P35 P350 (1190mm X W555mm X D860mm)
- P36 P360 (1190mm X W555mm X D860mm)
- P37 P370 (1190mm X W555mm X D860mm)
- P38 P380 (1190mm X W555mm X D860mm)
- P39 P390 (1190mm X W555mm X D860mm)
- P40 P400 (1190mm X W555mm X D860mm)
- P41 P410 (1190mm X W555mm X D860mm)
- P42 P420 (1190mm X W555mm X D860mm)
- P43 P430 (1190mm X W555mm X D860mm)
- P44 P440 (1190mm X W555mm X D860mm)
- P45 P450 (1190mm X W555mm X D860mm)
- P46 P460 (1190mm X W555mm X D860mm)
- P47 P470 (1190mm X W555mm X D860mm)
- P48 P480 (1190mm X W555mm X D860mm)
- P49 P490 (1190mm X W555mm X D860mm)
- P50 P500 (1190mm X W555mm X D860mm)
- P51 P510 (1190mm X W555mm X D860mm)
- P52 P520 (1190mm X W555mm X D860mm)
- P53 P530 (1190mm X W555mm X D860mm)
- P54 P540 (1190mm X W555mm X D860mm)
- P55 P550 (1190mm X W555mm X D860mm)
- P56 P560 (1190mm X W555mm X D860mm)
- P57 P570 (1190mm X W555mm X D860mm)
- P58 P580 (1190mm X W555mm X D860mm)
- P59 P590 (1190mm X W555mm X D860mm)
- P60 P600 (1190mm X W555mm X D860mm)
- P61 P610 (1190mm X W555mm X D860mm)
- P62 P620 (1190mm X W555mm X D860mm)
- P63 P630 (1190mm X W555mm X D860mm)
- P64 P640 (1190mm X W555mm X D860mm)
- P65 P650 (1190mm X W555mm X D860mm)
- P66 P660 (1190mm X W555mm X D860mm)
- P67 P670 (1190mm X W555mm X D860mm)
- P68 P680 (1190mm X W555mm X D860mm)
- P69 P690 (1190mm X W555mm X D860mm)
- P70 P700 (1190mm X W555mm X D860mm)
- P71 P710 (1190mm X W555mm X D860mm)
- P72 P720 (1190mm X W555mm X D860mm)
- P73 P730 (1190mm X W555mm X D860mm)
- P74 P740 (1190mm X W555mm X D860mm)
- P75 P750 (1190mm X W555mm X D860mm)
- P76 P760 (1190mm X W555mm X D860mm)
- P77 P770 (1190mm X W555mm X D860mm)
- P78 P780 (1190mm X W555mm X D860mm)
- P79 P790 (1190mm X W555mm X D860mm)
- P80 P800 (1190mm X W555mm X D860mm)
- P81 P810 (1190mm X W555mm X D860mm)
- P82 P820 (1190mm X W555mm X D860mm)
- P83 P830 (1190mm X W555mm X D860mm)
- P84 P840 (1190mm X W555mm X D860mm)
- P85 P850 (1190mm X W555mm X D860mm)
- P86 P860 (1190mm X W555mm X D860mm)
- P87 P870 (1190mm X W555mm X D860mm)
- P88 P880 (1190mm X W555mm X D860mm)
- P89 P890 (1190mm X W555mm X D860mm)
- P90 P900 (1190mm X W555mm X D860mm)
- P91 P910 (1190mm X W555mm X D860mm)
- P92 P920 (1190mm X W555mm X D860mm)
- P93 P930 (1190mm X W555mm X D860mm)
- P94 P940 (1190mm X W555mm X D860mm)
- P95 P950 (1190mm X W555mm X D860mm)
- P96 P960 (1190mm X W555mm X D860mm)
- P97 P970 (1190mm X W555mm X D860mm)
- P98 P980 (1190mm X W555mm X D860mm)
- P99 P990 (1190mm X W555mm X D860mm)
- P100 P1000 (1190mm X W555mm X D860mm)

CONDUIT CONFIGURATION

- CONDUIT SIZE
- CONDUIT QUANTITY
- CONDUIT LENGTH
- CONDUIT DESIGNATION

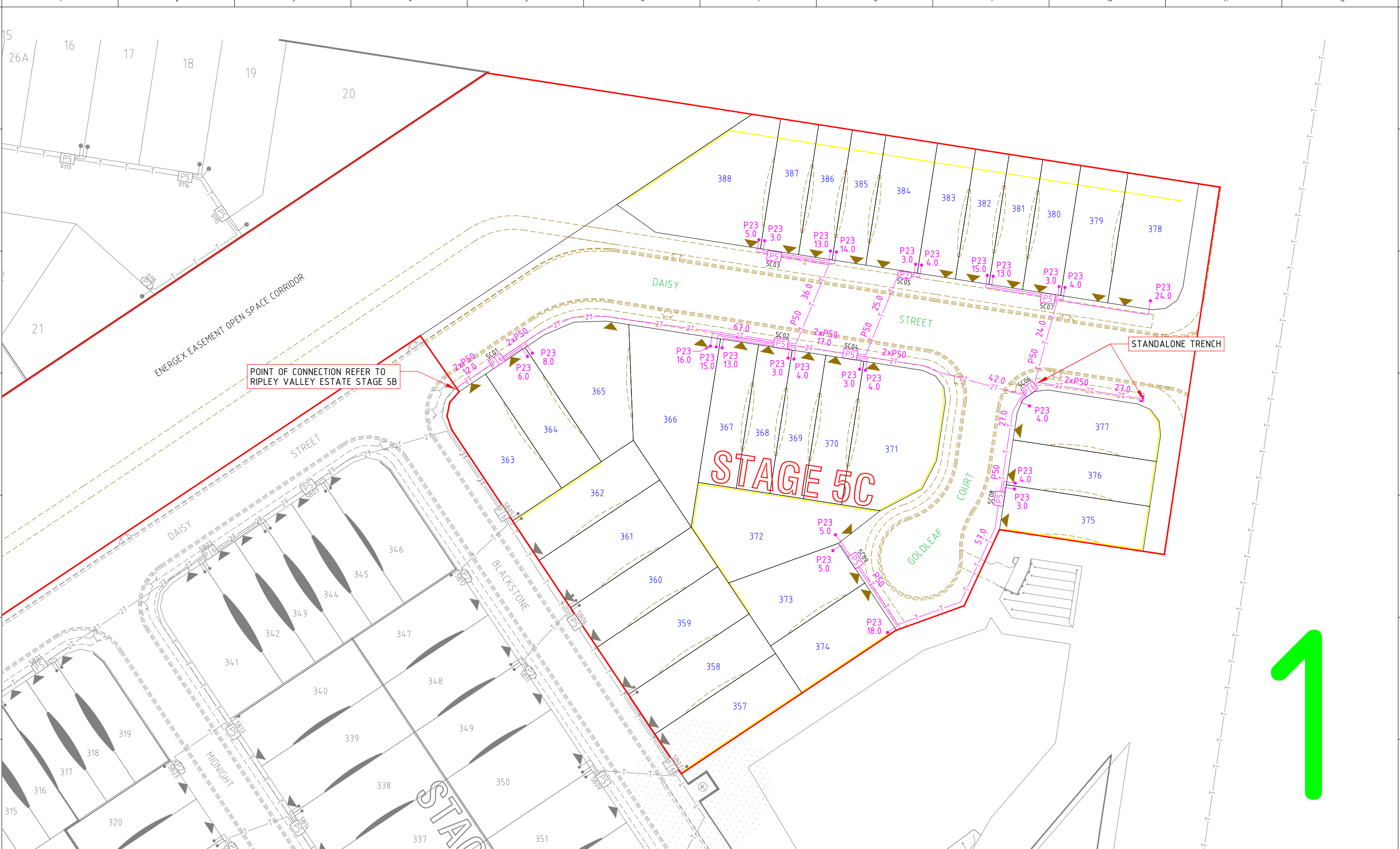
NAP CONFIGURATION


- NAP DESIGNATION
- NAP NAME
- NAP LOCATION

Drawing Identification


RPVY-005C

Drawing Identification	
STATE: QLD	REGION: RIPLEY
DRAWING TITLE:	
RIPLEY VALLEY ESTATE	
STAGE 5C	
CIVIL / FTTH NETWORK	
KEY PLAN	
SCALE: NTS	SHEET NO: OF 1
REV: 2	





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1 X 50mm (ID) Telecommunication Pipe

50mm Telecommunication Pipe used as a Protective Sleeve

Telecommunication Pipe

Minimum Pipe Bend Radius for 50mm and 100mm

Telecommunication Pipe = 900mm

P5 P10 Telecommunication P10

P6 P10 Telecommunication P10

P6 P10 Telecommunication P10

P5 P10 Telecommunication P10

P2 P10 Telecommunication P10 (Single Lid)

Lead-In 20mm Telecommunication Pipe (23mm Internal Diameter)

Length 12m

305mm Bend Radius at P10 END CAP

Electrical Risk/Transformer/ Switchgear

Broadband Aggregation Node (BAN)

Fibre Access Node (FAN)

Headend Rack (HDR)

Fibre Joint Closure (FJC)

Fibre Distribution Hub (FDH)

Connecterised FDH

OPDC 158 Connecterised FDH

Network Access Port 4x (NAP)

Connecterised NAP 4-Port

OPDC Connecterised NAP 12-Port

BID PON 1 - WITH SPLING TRAYS

BID PON 2 - NO SPLING TRAYS

ROT - RAPID WALLBOX

FIBRE TRUNK CABLE 24F

FIBRE TRUNK CABLE 24F

NAP TAIL CABLE

LEAD-IN ASSEMBLY (LIA)

CONDUIT CONFIGURATION

CONDUIT SIZE

CONDUIT QUANTITY

CONDUIT LENGTH

CONDUIT SIZE

CONDUIT LENGTH

NAP CONFIGURATION

NAP NAME

NAP DESIGNATION

FDH DESIGNATION

Drawing Identification

RPVY-005C

STATE: QLD REGION: RIPLEY

DRAWING TITLE:

RIPLEY VALLEY ESTATE STAGE 5C CIVIL / FTTH NETWORK CONSTRUCTION PLAN

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