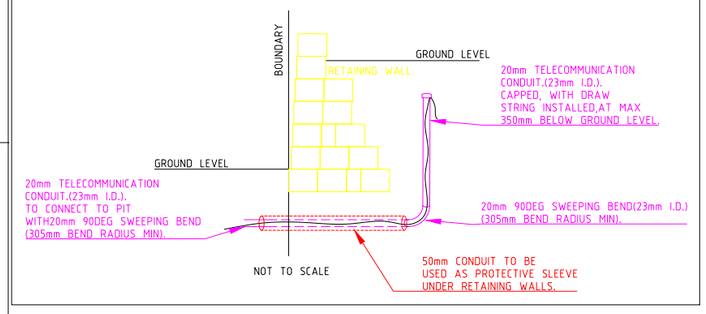
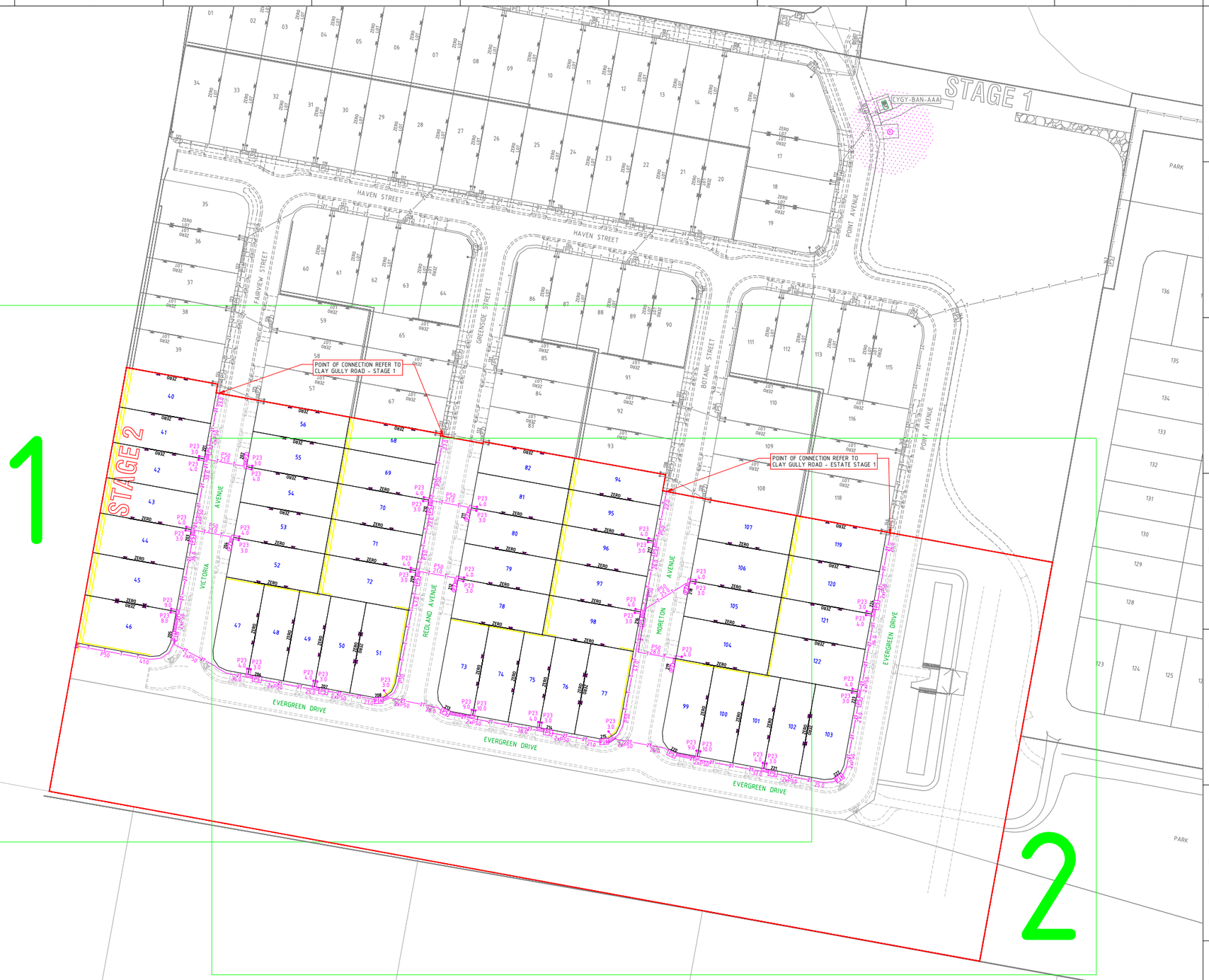
TYPICAL SECTION UNDER RETAINING WALL WITH TELECOMMUNICATION CONDUITS



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

CLAY GULLY - STAGE 2

TOTAL No OF LOTS : 50

NUMBER OF EXISTING LEAD-INS INSIDE OF STAGE BOUNDARY	: 7	NUMBER OF LEAD-INS CONSTRUCTED OUTSIDE OF STAGE BOUNDARY	: 0

PITS			DUCTS				
SIZE	QTY		SIZE	QTY		MTRS	
	PROPOSED	ACTUAL		PROPOSED	ACTUAL	PROPOSED	ACTUAL
2	6		2xP50	15		438.0	
5	14		P50	13		374.0	
6	4		P23	43		184.0	
8	0		P100	0			
TOTAL NUMBER OF PITS:				24			
TOTAL NUMBER OF CONDUITS:				86			
TOTAL LENGTH OF CONDUITS:				1434.0			
TOTAL LENGTH OF DUCT ROPE (2XP50, P50, P100):						1313.0	

ALL CONDUITS ARE TO BE ROPED BY THE INSTALLATION CONTRACTOR

CONDUIT-PLUGS

ITEM	SIZE	QTY	
		PROPOSED	ACTUAL
CONDUIT BUSH	P100	0	
CONDUIT BUSH	P50	79	
CONDUIT BUSH	P23	43	
TOTAL CONDUIT BUSHES		122	
TOTAL CONDUIT NUMBER OF END CAPS:		1	

CONDUIT - BENDS

ITEM	SIZE	QTY	
		PROPOSED	ACTUAL
CONDUIT BENDS	2xP50	6	
CONDUIT BENDS	P50	16	
CONDUIT BENDS	P23	43	
TOTAL CONDUIT NUMBER OF BENDS:		71	

AS BUILT USE ONLY

CONSTRUCTION COMPANY:
START DAY OF CONSTRUCTION:
END DAY OF CONSTRUCTION:

OptiComm
National Broadband Fibre

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CONTACT NUMBER : 07 3910 3604
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WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATION OF UNDERGROUND CABLES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE CHECKED ON SITE. LOCATE ALL UNDERGROUND SERVICES AND CABLES BEFORE COMMENCEMENT OF WORK.
DIAL 1100 BEFORE YOU DIG

REV	DATE	DESIGN	DESCRIPTION	CHECKED	APPROVED
-					
-					
-					
-					
-					
-					
-	-	-	-	-	-
1	16/11/2021	BM-RELINK	CIVIL DESIGN ISSUED FOR CONSTRUCTION	R.R.	I.A.

P100 1 X 100mm (ID) Telecommunication Pipe
2xP50 2 X 100mm (ID) Telecommunication Pipe
3xP50 3 X 100mm (ID) Telecommunication Pipe
4xP50 4 X 100mm (ID) Telecommunication Pipe
5xP50 5 X 100mm (ID) Telecommunication Pipe
2P50 2 X 50mm (ID) Telecommunication Pipe
1P50 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 = 800mm
P9 Pit Telecommunication Pit (L2040mm X W385mm X D900mm)
P8 Pit Telecommunication Pit (L1560mm X W355mm X D860mm)
P6 Pit Telecommunication Pit (L1040mm X W355mm X D660mm)
P5 Pit Telecommunication Pit (Single Lid) (L705mm X W450mm X D660mm)
P2 Pit Telecommunication Pit (Single Lid) (L665mm X W285mm X D585mm)
Lead In:20mm Telecommunication Pipe (23mm Internal Diameter) Length 1.5m 305mm Bend Radius at Pit END CAP

Electrical Kiosk/Transformer/ Switchgear
Broadband Aggregation Node (BAN)
Fibre Access Node (FAN)
Headend Rack (ODF)
Fibre Joint Closure (FJC)
Fibre Distribution Hub (FDH)
Connectorised FDH
OFDC 1:8 Connectorised FDH
Network Access Port x4 (NAP)
Connectorised NAP 4 Port
OFDC Connectorised NAP 12 Port
BUDI PON 1 - WITH SPLICING TRAYS
BUDI PON 2 - NO SPLICING TRAYS
RDT - RAPID WALLBOX

FIBRE TRUNK CABLE_1LLF
FIBRE TRUNK CABLE_2ZF
FIBRE TRUNK CABLE_2AF
NAP TAIL CABLE
LEAD-IN ASSEMBLY (LIA)

CONDUIT CONFIGURATION
CONDUIT SIZE / CONDUIT QUANTITY / CONDUIT LENGTH
OPTICOMM INFRASTRUCTURE

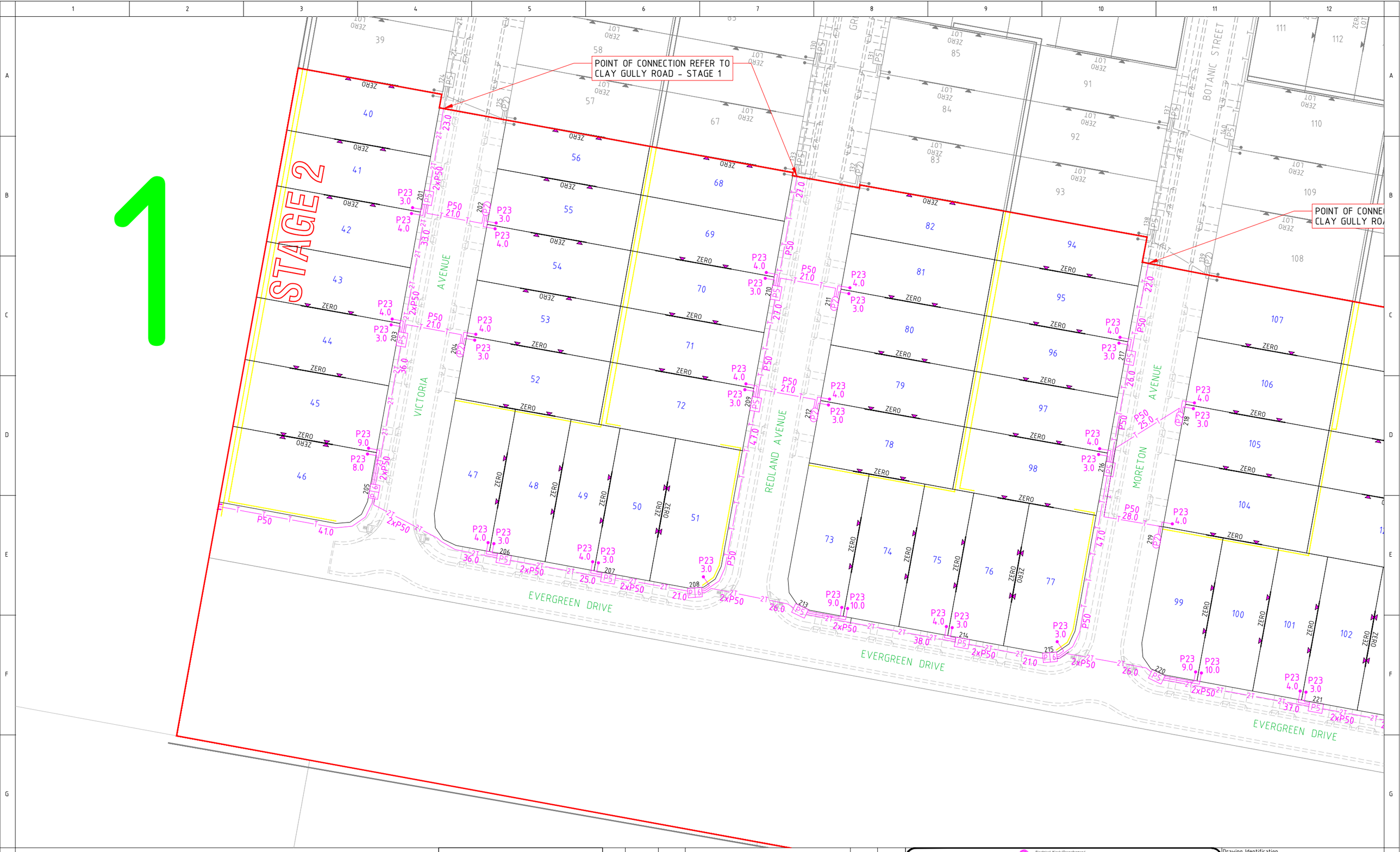
NAP CONFIGURATION
AAF/2 NAP NAME
NAP DESIGNATION
FDH DESIGNATION

Drawing Identification
CYGY-0002

STATE: QLD | REGION: VICTORIA POINT

DRAWING TITLE:
CLAY GULLY
STAGE 2
CIVIL / FTTH NETWORK
KEY PLAN

SCALE NTS | SHEET No. KP OF 2 | REV. 1



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REV	DATE	DESIGN	DESCRIPTION	CHECKED	APPROVED
-					
-					
-					
-					
-					
-					
-	-	-	-	-	-
1	16/11/2021	BM-RELINK	CIVIL DESIGN ISSUED FOR CONSTRUCTION	R.R.	I.A.

P02 1 X 100mm (ID) Telecommunication Pipe
2xP02 2 X 100mm (ID) Telecommunication Pipe
3xP02 3 X 100mm (ID) Telecommunication Pipe
4xP02 4 X 100mm (ID) Telecommunication Pipe
5xP02 5 X 100mm (ID) Telecommunication Pipe
2T 2 X 50mm (ID) Telecommunication Pipe
T 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 = 800mm
P6 Pit Telecommunication Pit (L1,204mm X W585mm X D900mm)
P8 Pit Telecommunication Pit (L1360mm X W555mm X D860mm)
P6 Pit Telecommunication Pit (L1360mm X W555mm X D660mm)
P5 Pit Telecommunication Pit (Single Lid) (L705mm X W450mm X D660mm)
P2 Pit Telecommunication Pit (Single Lid) (L665mm X W285mm X D585mm)
Lead In 20mm Telecommunication Pipe (23mm Internal Diameter) Length 15m
305mm Bend Radius at Pit
END CAP

Electrical Kiosk/Transformer/ Switchgear
Broadband Aggregation Node (BAN)
Fibre Access Node (FAN)
Headend Rack (ODF)
Fibre Joint Closure (FJC)
Fibre Distribution Hub (FDH)
Connectorised FDH
OFDC 1:8 Connectorised FDH
Network Access Port x4 (NAP)
Connectorised NAP 4 Port
OFDC Connectorised NAP 12 Port
BUDI PON 1 - WITH SPLICING TRAYS
BUDI PON 2 - NO SPLICING TRAYS
RDT - RAPID WALLBOX

FIBRE TRUNK CABLE_144F
FIBRE TRUNK CABLE_72F
FIBRE TRUNK CABLE_24F
NAP TAIL CABLE
LEAD-IN ASSEMBLY (LIA)

CONDUIT CONFIGURATION
CONDUIT SIZE / CONDUIT QUANTITY / CONDUIT LENGTH
OPTICOMM INFRASTRUCTURE
NAP CONFIGURATION
NAP NAME
NAP DESIGNATION
FDH DESIGNATION

Drawing Identification
CYGY-0002

STATE: QLD
REGION: VICTORIA POINT

DRAWING TITLE:
CLAY GULLY
STAGE 2
CIVIL / FTTH NETWORK
CONSTRUCTION PLAN

SCALE	SHEET No.	REV.
NTS	1 OF 2	1

POINT OF CONNECTION REFER TO
CLAY GULLY ROAD - ESTATE STAGE 1

REDLAND AVENUE

MORETON AVENUE

EVERGREEN DRIVE

EVERGREEN DRIVE

EVERGREEN DRIVE

2

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P150 — 1 X 100mm (ID) Telecommunication Pipe
2xP150 — 2 X 100mm (ID) Telecommunication Pipe
3xP150 — 3 X 100mm (ID) Telecommunication Pipe
4xP150 — 4 X 100mm (ID) Telecommunication Pipe
5xP150 — 5 X 100mm (ID) Telecommunication Pipe
2T — 2 X 50mm (ID) Telecommunication Pipe
T — 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 = 800mm
P9 Pit — Telecommunication Pit (L2410mm X W385mm X D900mm)
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Lead In 20mm Telecommunication Pipe (23mm Internal Diameter) Length 15m
305mm Bend Radius at Pit
END CAP

Electrical Kiosk/Transformer/ Switchgear
Broadband Aggregation Node (BAN)
Fibre Access Node (FAN)
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Fibre Joint Closure (FJC)
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BUDI PON 2 - NO SPLICING TRAYS
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NAP TAIL CABLE
LEAD-IN ASSEMBLY (LIA)

CONDUIT CONFIGURATION
CONDUIT SIZE / CONDUIT QUANTITY / CONDUIT LENGTH
OPTICOMM INFRASTRUCTURE
NAP CONFIGURATION
AAF/2 NAP NAME
NAP DESIGNATION
FDH DESIGNATION

Drawing Identification
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STATE: QLD | REGION: VICTORIA POINT

DRAWING TITLE:
CLAY GULLY
STAGE 2
CIVIL / FTTH NETWORK
CONSTRUCTION PLAN

SCALE	SHEET No.	REV.
NTS	2 OF 2	1