

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

- 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 8**
Distribution/Local Network Connection Pit (1360mmX555mmX860mm)
- PIT-ID 9**
Fibre Distribution Hub (FDH) Pit (2000mmX555mmX900mm)
- Existing Telstra manhole
- 5 Existing Telstra Pit (2,3,4,5,6,7,8,9)
- Telstra exchange
- Example of Telstra Major Conduit Layout with Proposed duct marked to be used by NBN
- M** < -> NBN MARKER POST
MARKER POST TO BE NUMBERED
- DES QTY**
Example of descriptor box that will show the type of work and the quantity involved
- PCD** Premise Connection Device (PCD)
- POLE-ID** Pole (showing pole identity)
- FAN** 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

Symbol to be used when replacing/removing existing network

CABLE TRAY:

CABLE 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

CONDUIT SIZE

PIT-ID 9 P100

CONDUIT LENGTH

26.5

PIT-ID 5

CABLE TYPE:
CABLES DIVIDE INTO FOLLOWING CATEGORIES AND ARE COLOUR CODED:

TRANSIT CABLES	COLOUR NO: 1	
DISTRIBUTION CABLES	COLOUR NO: 190	
LOCAL CABLES	COLOUR NO: 4	
TETHER CABLES	COLOUR NO: 3	
LEAD IN (DROP) CABLES	COLOUR NO: 5	

CABLE LOCATION:
CABLE LOCATIONS DETERMINES WHERE THE CABLE IS USED AS PER BELOW:

IN-CONDUIT
AERIAL
BURIED

EXAMPLE:
144 FIBRE AERIAL LOCAL CABLE
1 FIBRE BURIED DROP CABLE
432 FIBRE IN-CONDUIT TRANSIT CABLE

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: DXXXF 312F , ...
2- AERIAL: DXXXF_A 144_A , ...
3- BURIED: DXXXF_B 12_B , ...

----- FSA Boundary

----- FSAM Boundary

----- FDA Boundary

AS BUILT

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

SAFETY FIRST
SAFETY STARTS WITH YOU

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E.01	27/11/17	CIPRIAN PASCU	FOR CONSTRUCTION - PIT & PIPE AMENDED ROAD 2	NAME
D.01	01/11/17	CIPRIAN PASCU	FOR CONSTRUCTION - PIT & PIPE AMENDED	NAME
C.01	20/09/17	CIPRIAN PASCU	FOR CONSTRUCTION - PIT & PIPE AMENDED TO SWUIT NEW BOUNDARY	NAME
B.01	26/10/16	CIPRIAN PASCU	FOR CONSTRUCTION	NAME
A.01	11/07/16	CIPRIAN PASCU	PRELIMINARY	NAME

NBNCO APPROVAL RECORD:

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

QUALITY RECORD :
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DESIGN IT TELCO
PTY . LTD

KEY PLAN

DRAWING TITLE:
73 LOTS SUBDIVISION - PIT & PIPE PROJECT
GROSE VALE ROAD, NORTH RICHMOND
"BELMONT ESTATE"
STAGE 12

STATE: **NSW** REGION: _____

FSA: _____ FSAM: _____ FDA: _____

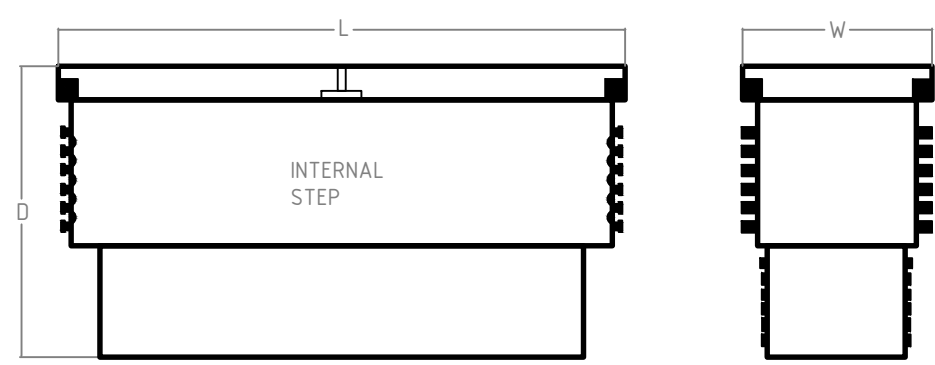
PROJECT No: **AYCA-22T2ZE**

CADREF No: **PN 32531**

SCALE: **NTS** SHEET No. **OF** REV. **F**

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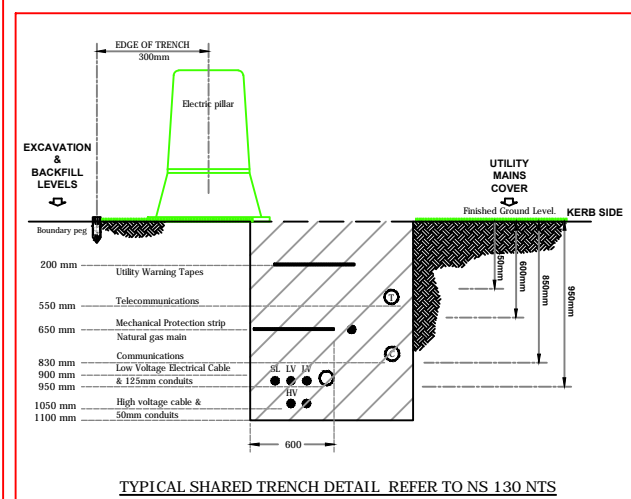
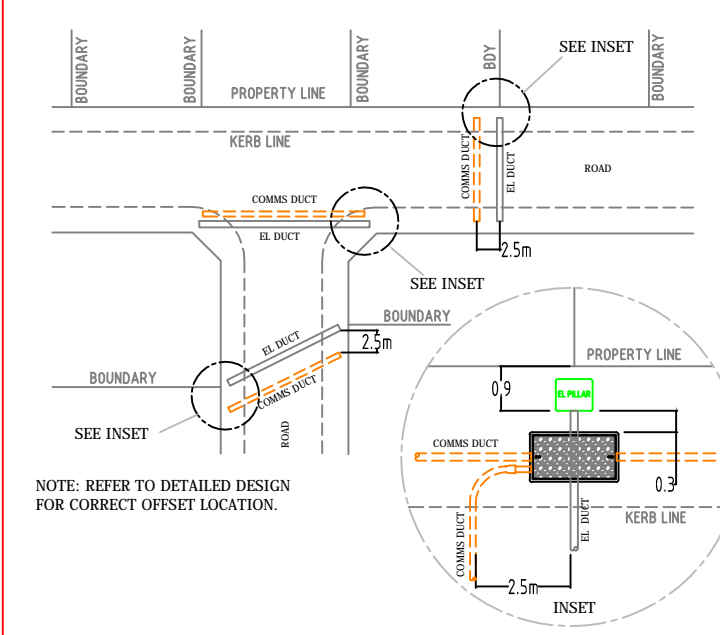
SHEET 1



NBN NOMINAL DIMENSIONS (mm)			
PIT TYPE	L	W	D
Local Network Pit/Network Boundary Pit	700	450	650
Local Network Connection Pit	1360	555	860
Distribution Pit	1360	555	860
FDH PIT	2000	555	900

TYPICAL ROAD CROSSING CONFIGURATION

OFFSET FROM ELECTRICAL DUCTS TO ALLOW FOR SIDE ENTRY INTO PIT & CORRECT PIT PLACEMENT ON BOUNDARY.



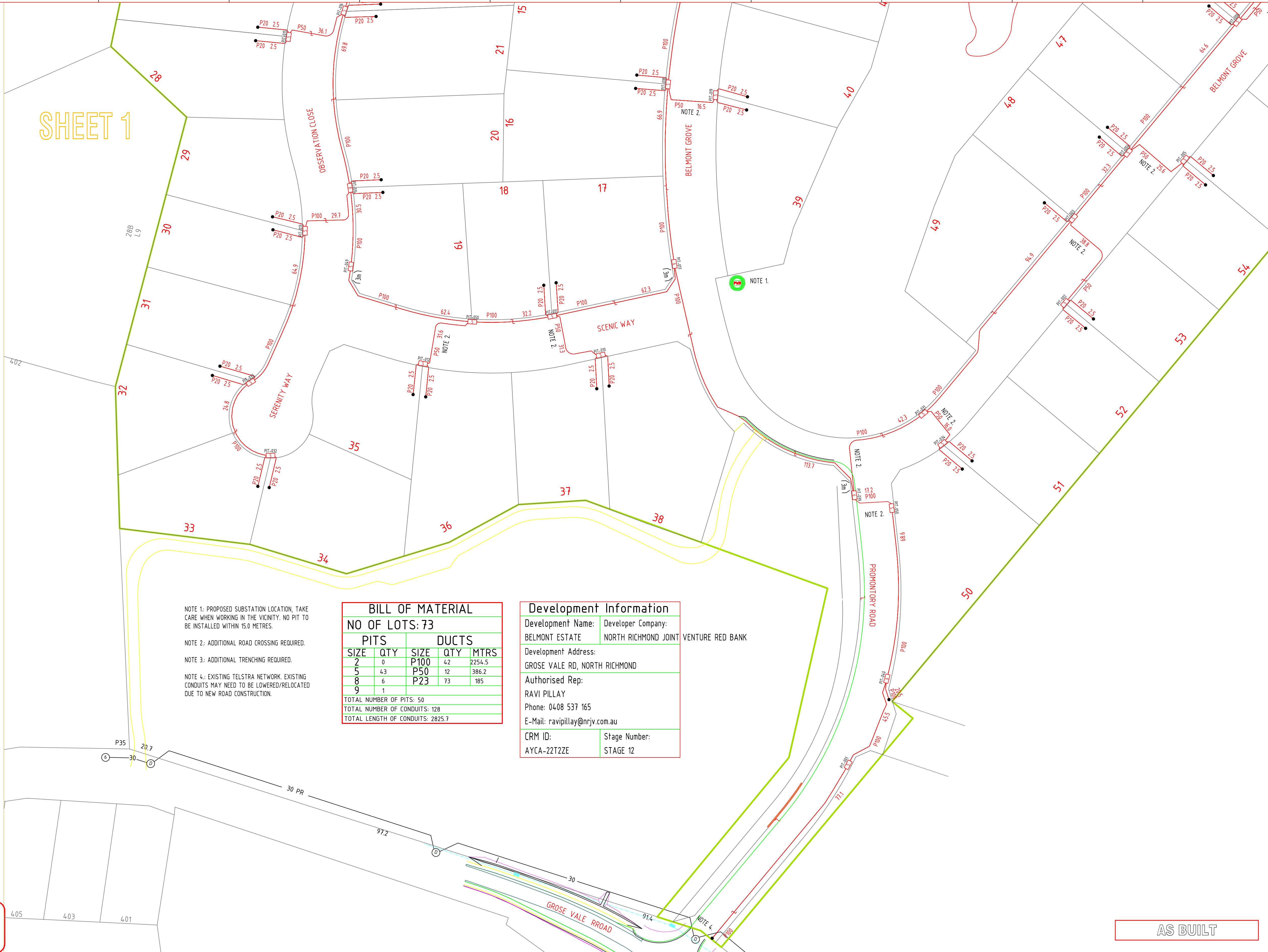
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CIVIL CONTRACTORS ARE NOT TO LINK INTO EXISTING TELSTRA OR OTHER SERVICE PROVIDER NETWORK. NEW NETWORK WILL BE LINKED UNDER FUTURE PROJECT. PIT AND PIPE ONLY WITH-IN THE DEVELOPMENT

- NOTE 1: PROPOSED SUBSTATION LOCATION, TAKE CARE WHEN WORKING IN THE VICINITY. NO PIT TO BE INSTALLED WITHIN 15.0 METRES.
- NOTE 2: ADDITIONAL ROAD CROSSING REQUIRED.
- NOTE 3: ADDITIONAL TRENCHING REQUIRED.
- NOTE 4: EXISTING TELSTRA NETWORK. EXISTING CONDUITS MAY NEED TO BE LOWERED/RELOCATED DUE TO NEW ROAD CONSTRUCTION.

BILL OF MATERIAL				
NO OF LOTS: 73				
PITS		DUCTS		
SIZE	QTY	SIZE	QTY	MTRS
2	0	P100	42	2254.5
5	43	P50	12	386.2
8	6	P23	73	185
9	1			
TOTAL NUMBER OF PITS: 50				
TOTAL NUMBER OF CONDUITS: 128				
TOTAL LENGTH OF CONDUITS: 2825.7				

Development Information	
Development Name:	Developer Company:
BELMONT ESTATE	NORTH RICHMOND JOINT VENTURE RED BANK
Development Address:	
GROSE VALE RD, NORTH RICHMOND	
Authorised Rep:	
RAVI PILLAY	
Phone: 0408 537 165	
E-Mail: ravipillay@nrjv.com.au	
CRM ID:	Stage Number:
AYCA-22T2ZE	STAGE 12



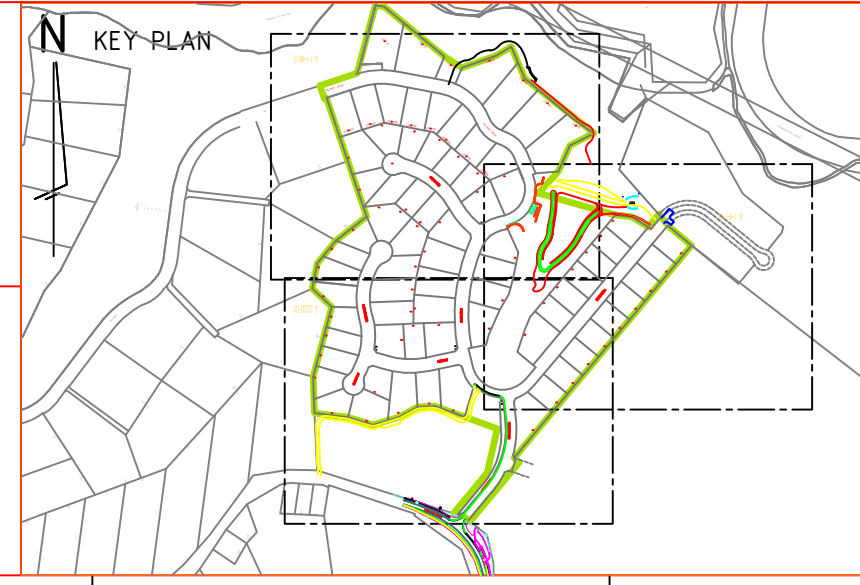
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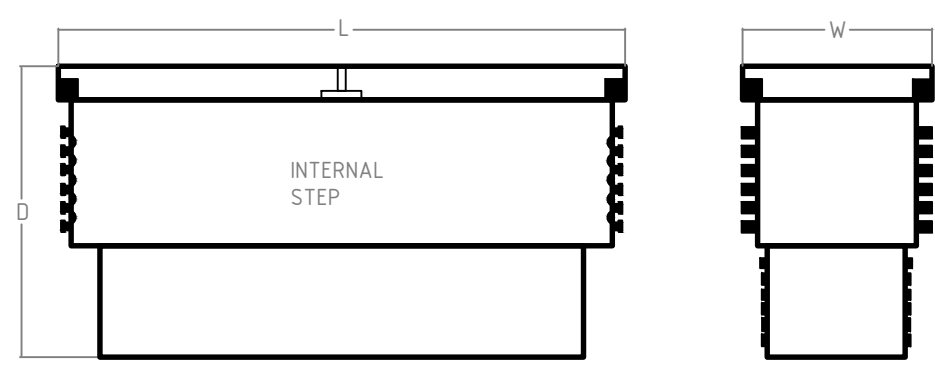
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GROSE VALE ROAD, NORTH RICHMOND		
"BELMONT ESTATE"		
STAGE 12		
STATE: NSW	REGION:	
FSA:	FSA#:	FDA:
PROJECT No: AYCA-22T2ZE		
CADREF No: PN 32531		
SCALE NTS	SHEET No. 1 OF 3	REV. F

AS BUILT

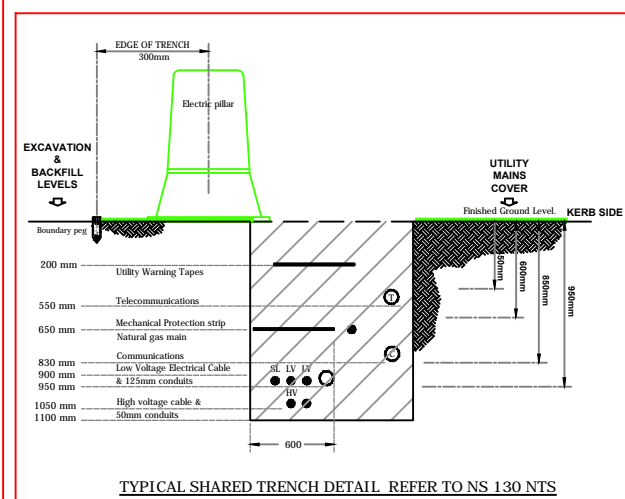
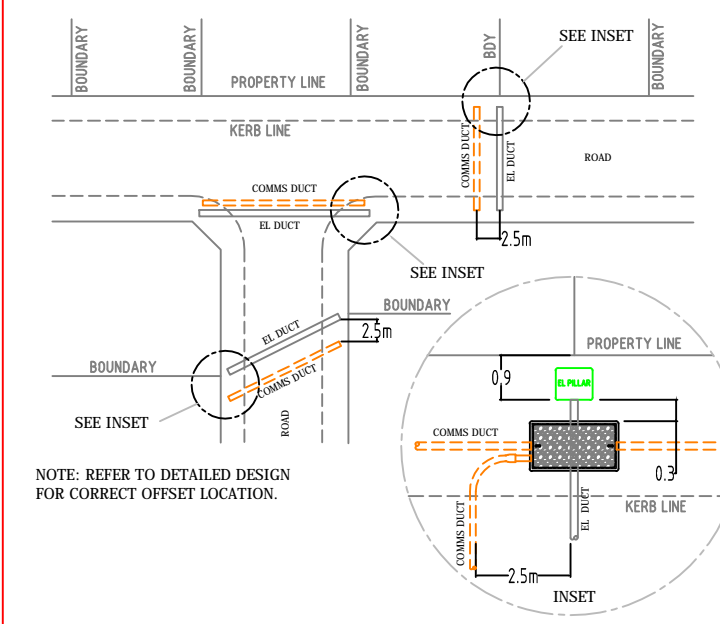
SHEET 2



NBN NOMINAL DIMENSIONS (mm)			
PIT TYPE	L	W	D
Local Network Pit/Network Boundary Pit	700	450	650
Local Network Connection Pit	1360	555	860
Distribution Pit	1360	555	860
FDH PIT	2000	555	900

TYPICAL ROAD CROSSING CONFIGURATION

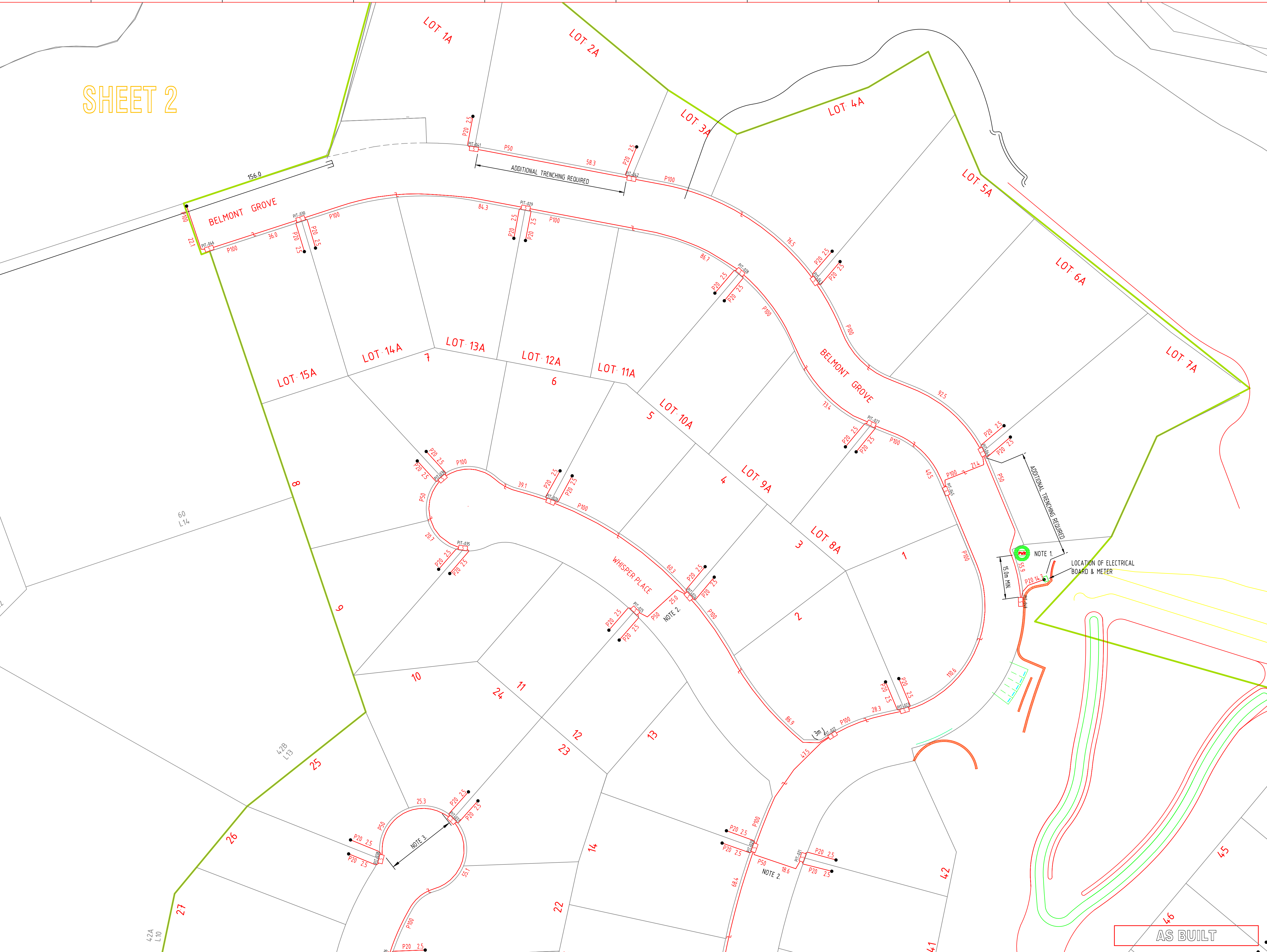
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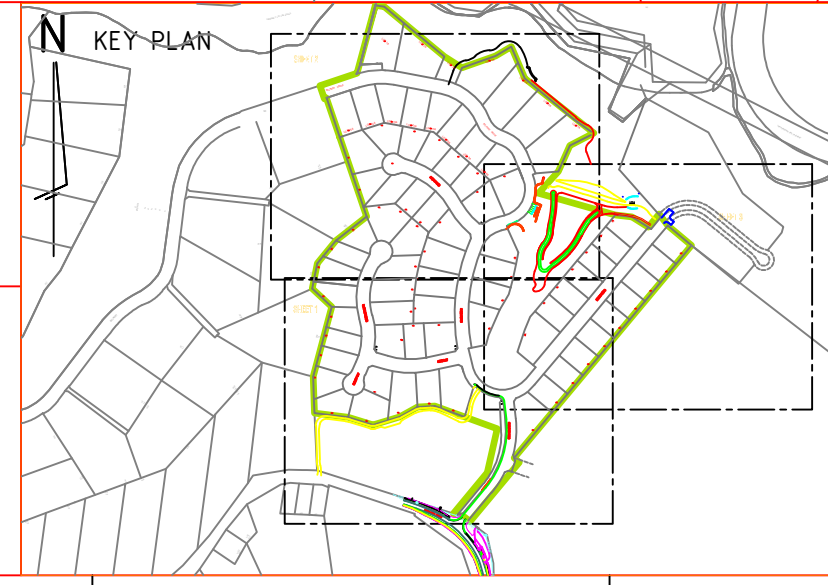
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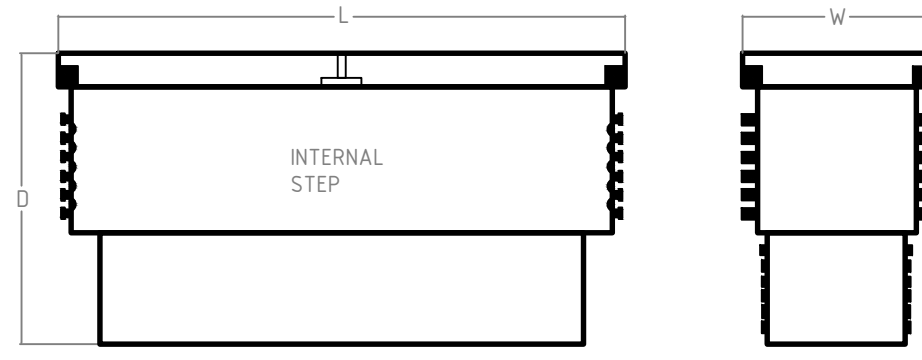
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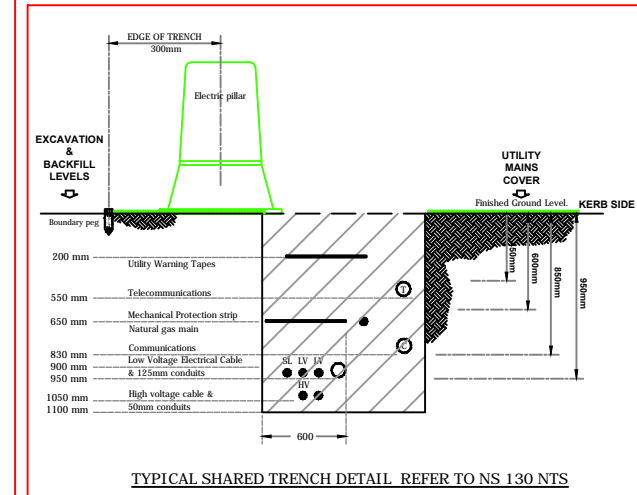
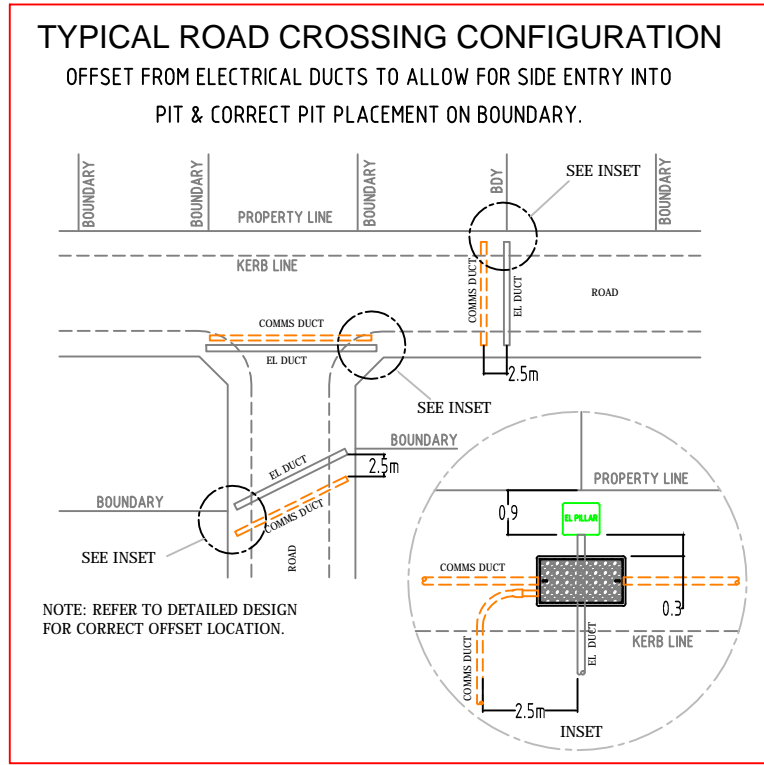
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"BELMONT ESTATE"		
STAGE 12		
STATE: NSW	REGION:	
FSA:	FSAM:	FDA:
PROJECT No: AYCA-22T2ZE		
CADREF No: PN 32531		
SCALE: NTS	SHEET No. 2	OF 3
REV. F		

AS BUILT

SHEET 3



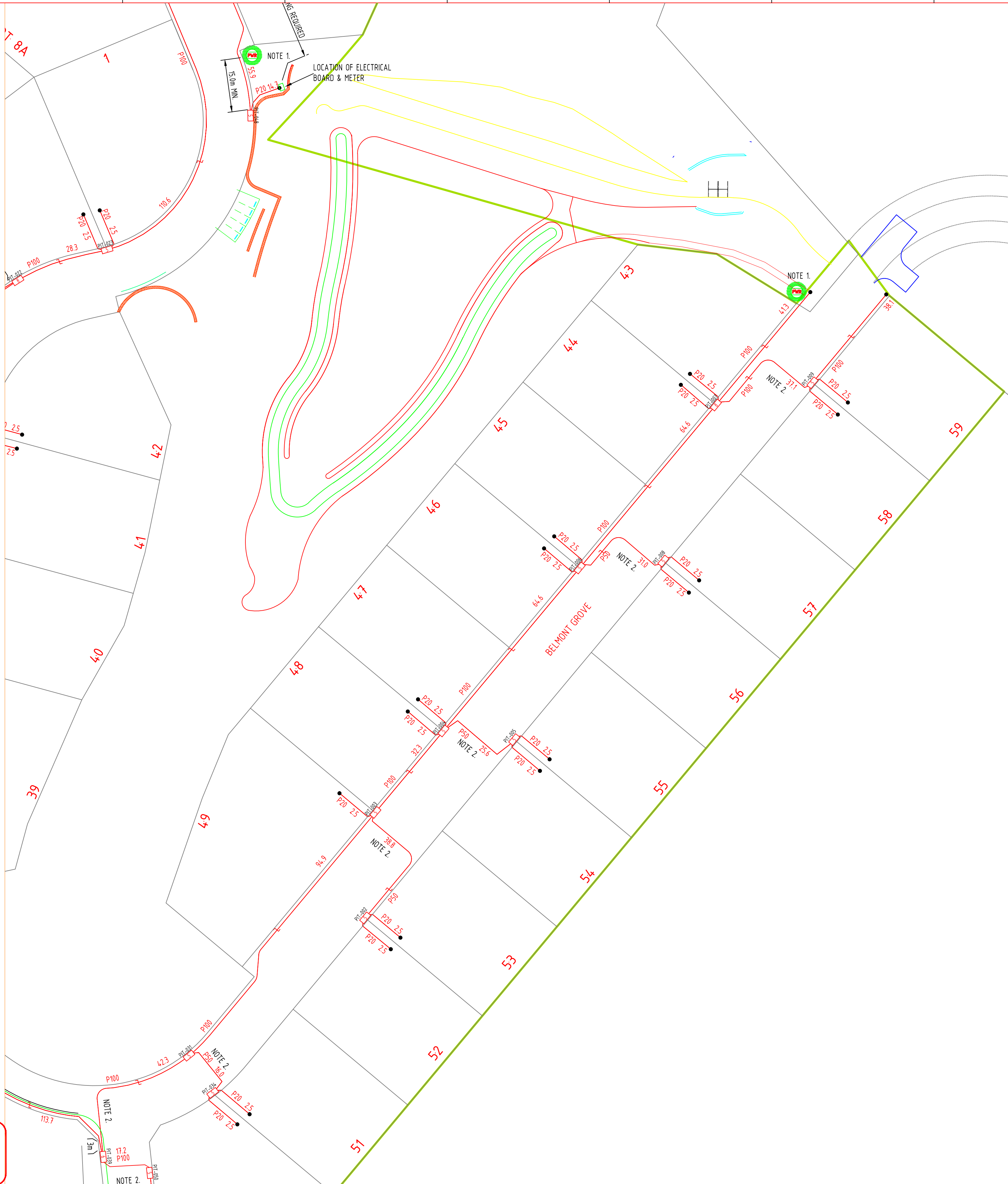
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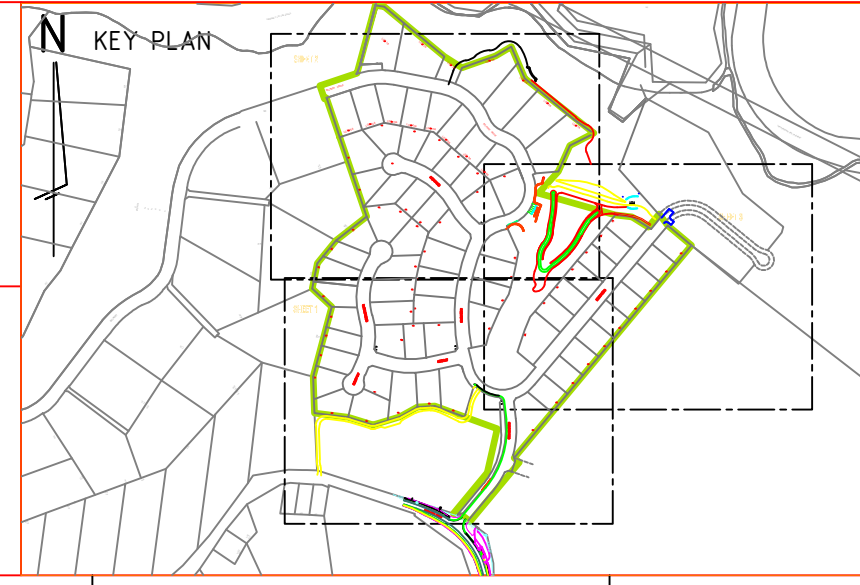
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