

- 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 31ZF , ...
2- AERIAL: DXXXF_A1 144_A , ...
3- BURIED: DXXXF_B1 12_B , ...

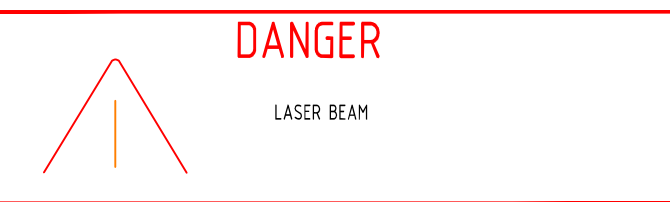
----- FSA Boundary

----- 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.



SAFETY FIRST
SAFETY STARTS WITH YOU

****ATTENTION****
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change or alter job specifications unless first checking with designer.

| REV | DATE | DRAFTER | DESCRIPTION | APPROVED |
|------|----------|---------------|---|----------|
| F.01 | 30/01/18 | CIPRIAN PASCU | AS BUILT | NAME |
| 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:

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

QUALITY RECORD :

NBNCO DISCLAIMER

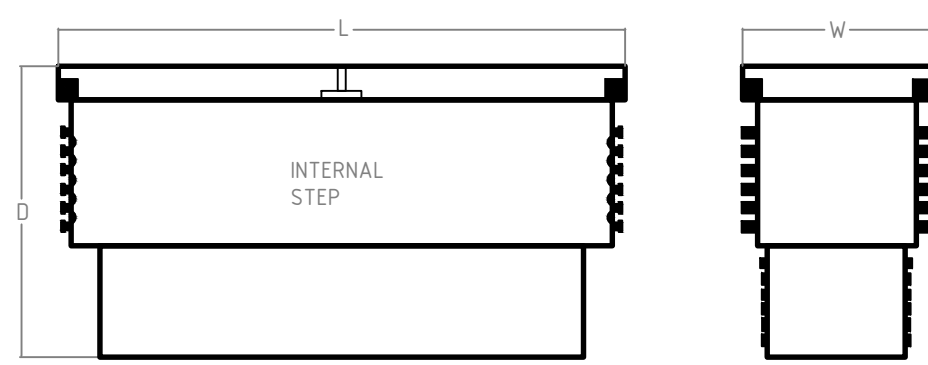
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KEY PLAN

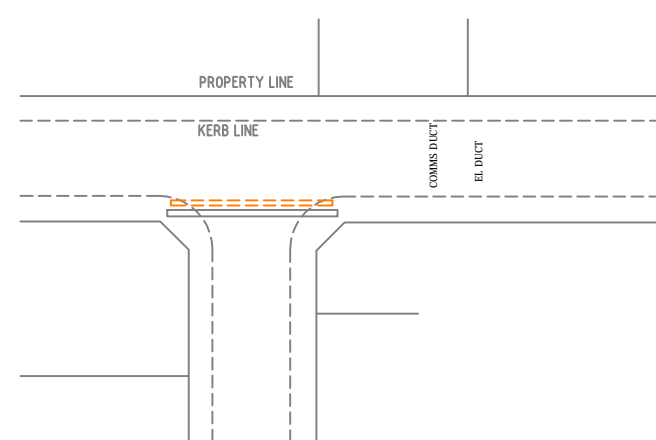
DRAWING TITLE:
73 LOTS SUBDIVISION - PIT & PIPE PROJECT
GROSE VALE ROAD, NORTH RICHMOND
"BELMONT ESTATE"
STAGE 12

| | | |
|-------------------------|--------------|--------|
| STATE: NSW | REGION: | |
| FSA: | FSAM: | FDA: |
| PROJECT No: AYCA-22T2ZE | | |
| CADREF No: PN 32531 | | |
| SCALE NTS | SHEET No. OF | REV. F |



| 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 |

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



DESIGN & CONSTRUCTION AS PER NBN GUIDELINES DOCUMENT. *INSTALLING PIT AND CONDUIT INFRASTRUCTURE - GUIDELINES FOR DEVELOPERS - 08/07/2013

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NBNCO APPROVAL RECORD:

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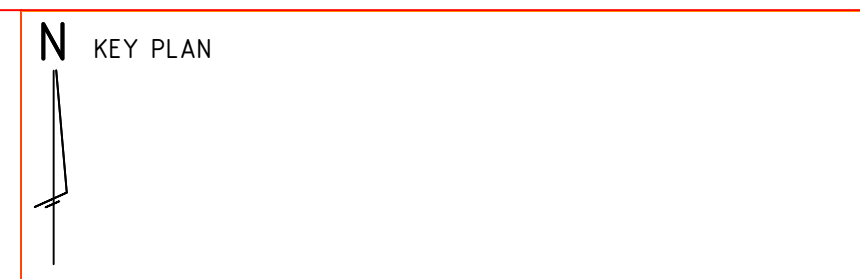
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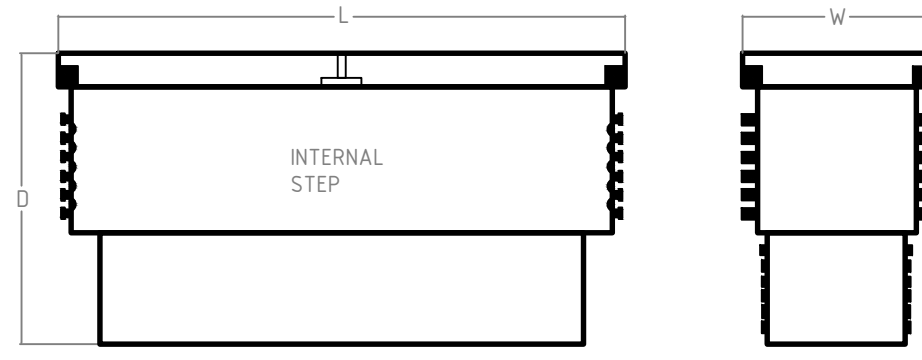
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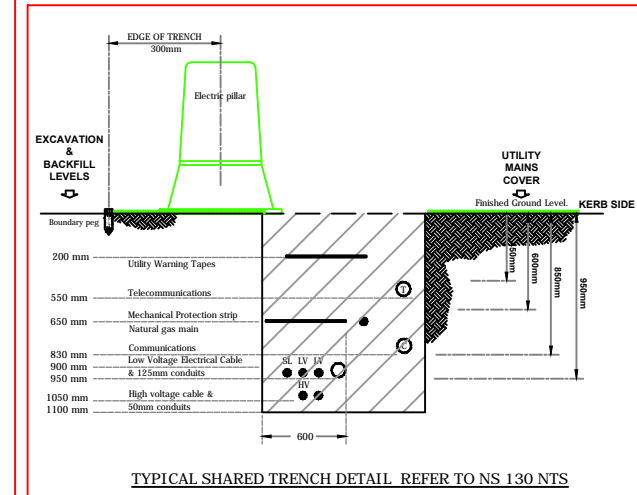
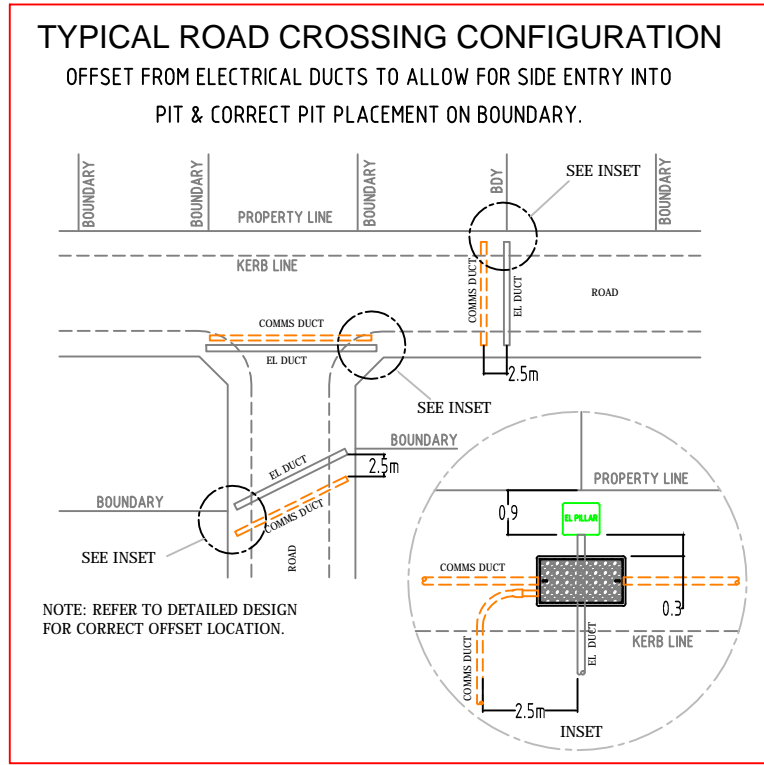
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STAGE 12

| | | |
|-------------------|--------------------------|-------------|
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| FSA: | FSAM: AYCA-22T2ZE | FDA: |
| PROJECT No: | PN 32531 | |
| CADREF No: | 2 | |
| SCALE NTS | SHEET No. 2 | OF 3 |
| REV. F | | |

SHEET 3



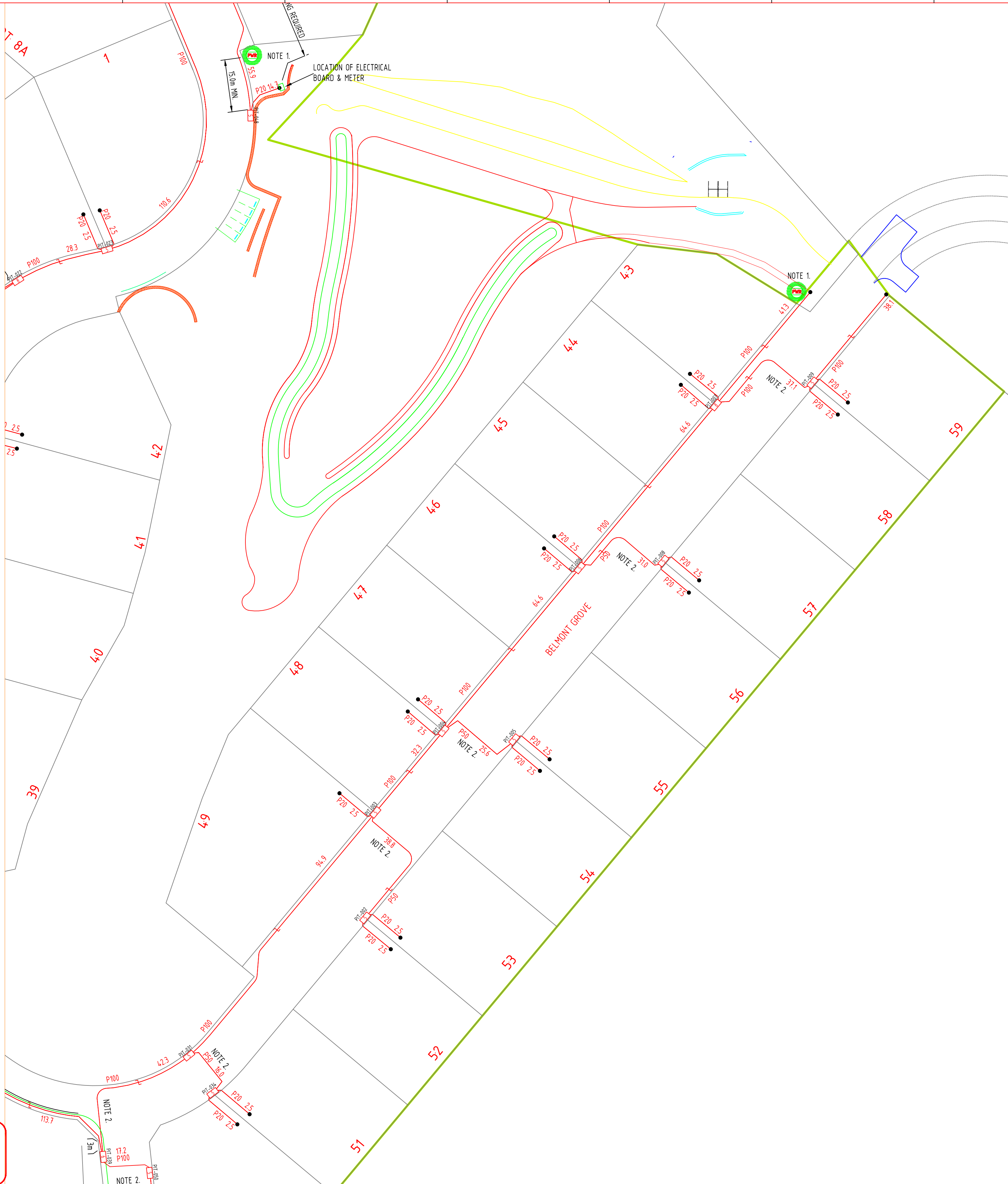
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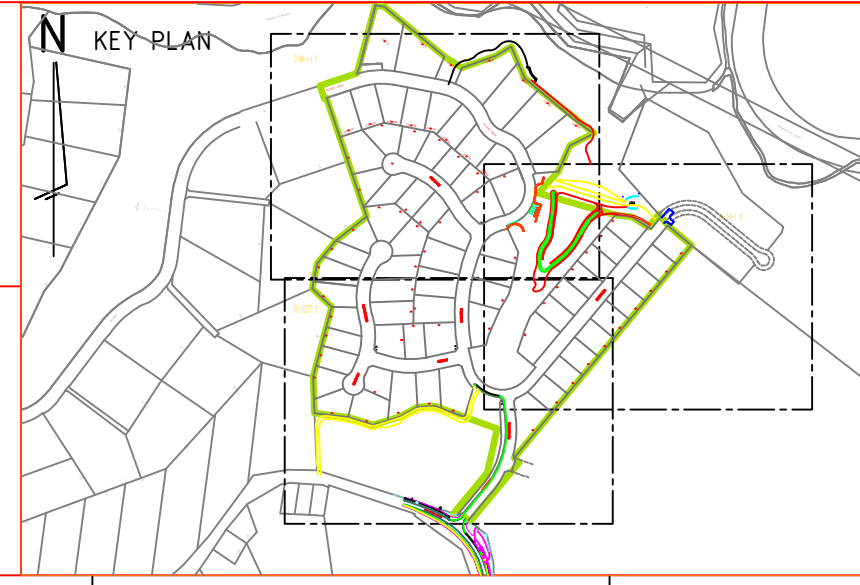
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AS BUILT