TABEC
Civil Engineering Consultants

ASCOT RACECOURSE

Engineering Infrastructure Report

June 2024

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CLIENT: **PERTH RACING C/O DAVISON ADVISORY**

PROJECT: **ASCOT RACECOURSE – LOT 9002 GRANDSTAND ROAD, ASCOT**

TITLE: **ENGINEERING INFRASTRUCTURE REPORT**

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1 INTRODUCTION

This report has been prepared by TABEC Pty Ltd to provide broad servicing and infrastructure advice for the Ascot Racecourse and surrounding sites located at Lot 9002 Grandstand Road, Ascot.

The report provides civil engineering advice on the capability and future requirements of the development plan area to support the proposed residential and commercial land uses and the civil engineering influences on the development form. This report has been based on the civil engineering aspects, including earthworks, roads, drainage, wastewater and utility services required to support the development.

The investigation and preparation of the report are based on preliminary advice from the various service Authorities, desktop reviews and site investigations where appropriate. The report is supported by additional consultants and their inputs which are listed in the references. The information is current as of June 2024 and is subject to change as development proceeds around the subject land.

Figure 1 illustrates the location of the site, identified on the aerial image.



Figure 1 – Site Location and Aerial Image (2024 MNG Access)

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2 THE STUDY AREA

The Ascot Racecourse is situated within the City of Belmont and is located in the proximity of Grandstand Road, Resolution Drive, Matheson Road, Ennis Place and the Swan River. The existing racecourse and its surrounding facilities are currently operational.

The subject site has been split into five precincts to assist with differentiating the various proposed uses across the lots. TABEC's understanding of these five precincts has been included below:

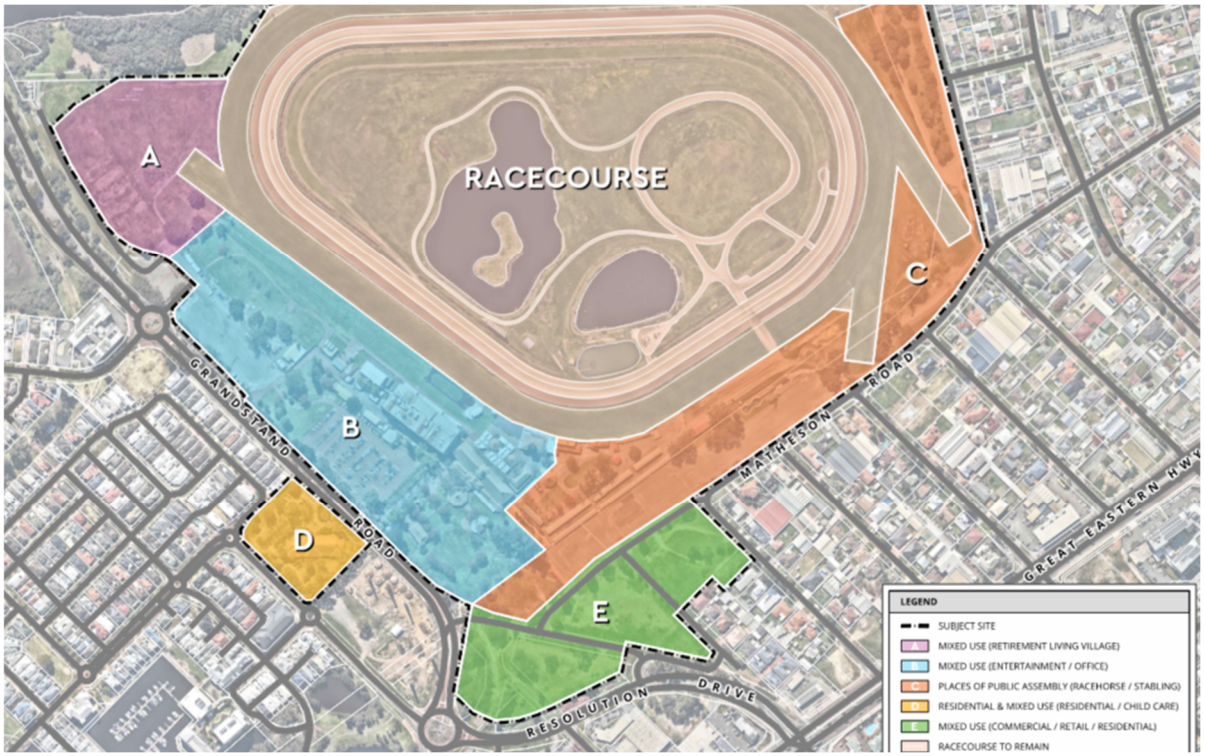


Figure 2 - Preliminary Structure Plan (Rowe Group Design)

Precinct A	• Retirement Living Village/Mixed Use – Apartments and a café (300m2) • 3 buildings, which will cater for a total of 330-390 dwellings.
Precinct B	• Racecourse Administration Office and Entertainment (No change to current zoning) • Office space – 680m2 NLA • Upper floor will be hospitality venue – 1000m2 in size
Precinct C	• Racecourse and on-course stabling facility (No change to current zoning) • Existing Racecourse to remain • 3 new on-course stabling complexes providing ~400 stables
Precinct D	• Childcare and residential (R60) • Childcare site – 2100m3 for 70-90 children. • Residential development will yield ~41 lots
Precinct E	• Approx 3,400m² retail floorspace • Approx 7000m² of non-retail commercial floorspace • Equine welfare centre

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Whilst Precincts A, B and C are adjacent to the racecourse, Precinct D (Lot 452) and Precinct E are located outside of the racecourse lot 9002. Precinct D is surrounded by existing residential land use, and to the southeast, interfaces to the heritage-listed Ascot Kilns.

Precinct E is currently fragmented and consists of multiple lots and road reserve corridors. The Resolution Drive and Grandstand Rd road reserves within the subject site are not currently being utilised as public access streets, however, the existing reserve along the south boundary of the site and Lot 51 is a drainage reserve and is to remain, hence being excluded from the assembly development proposal.



Figure 3 - Precinct E Land Assembly (Rowe Group)

2.1 Landform / Topography

In reviewing the available Water Corporation contour information, the Ascot Racecourse Course (Lot 9002) has its lowest elevation of approximately 2mAHD at the northwest area of the site (Precinct A), which is adjacent to the Swan River and foreshore reserve. The Ascot Racecourse lot grades up to its highest elevation of approximately 7.5mAHD at the east corner of the site (Precinct C) adjacent to Matheson Road. The existing levels of Precinct C grade from this high point, down to approximately 3mAHD at the west interface near Raconteur Drive.

The existing internal surface levels of Precinct B within Lot 9002 range between 4mAHD at the south, to 2mAHD near Precinct A. Whilst no survey data is available for the adjacent road reserves, Precinct B is anticipated to be higher than the adjacent road levels at Grandstand Road, which then grades down to approximately 2mAHD towards to track.

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The centre of the racetrack of Lot 9002 is generally lower than the surrounding racecourse site, with the levels and aerial imagery showing localized depressions with multiple lakes. Drawings from Evangelisti & Associates Engineering Drawings, dated 1997, show the depths of existing drainage Lake 1 (Wetland) and Lake 2 (Lined) being RL 1.0m and RL -0.75m respectively, with the top of lake water level ranging from RL 0.4m and 2.1m. The third existing lake does not serve a drainage purpose but serves as a source of irrigation water, with this overtopping into the drainage lakes at a top of water level of 3.1mAHD.

The Swan River Foreshore Reserve is located along the northern boundary of Lot 9002, and the levels steeply grade away from the track edge from approximately 3mAHD to 0mAHD at the northern boundary.

In reviewing contour information available from Water Corporation at Lot 452 Grandstand Road (Precinct D), the existing levels increase from 3.0mAHD to approximately 4.0mAHD closer to the centre of the lot at the existing building location, with the surrounding road reserve levels ranging between 2.5mAHD and 3mAHD. This site currently has existing mature trees and shrubs located across the Lot.

Fragmented areas of Precinct E have approximate levels grading from 4mAHD near the east at Raconteur Drive entry, down to approximately 2mAHD at the west. The site is generally flat with some trees and vegetation, however, there is an existing swale within the reserve south of the site along Resolution Drive with its swale base closer to 1.0mAHD. The perimeter of this swale is currently fenced onsite.

Contours of the site have been included below in Figure 4.

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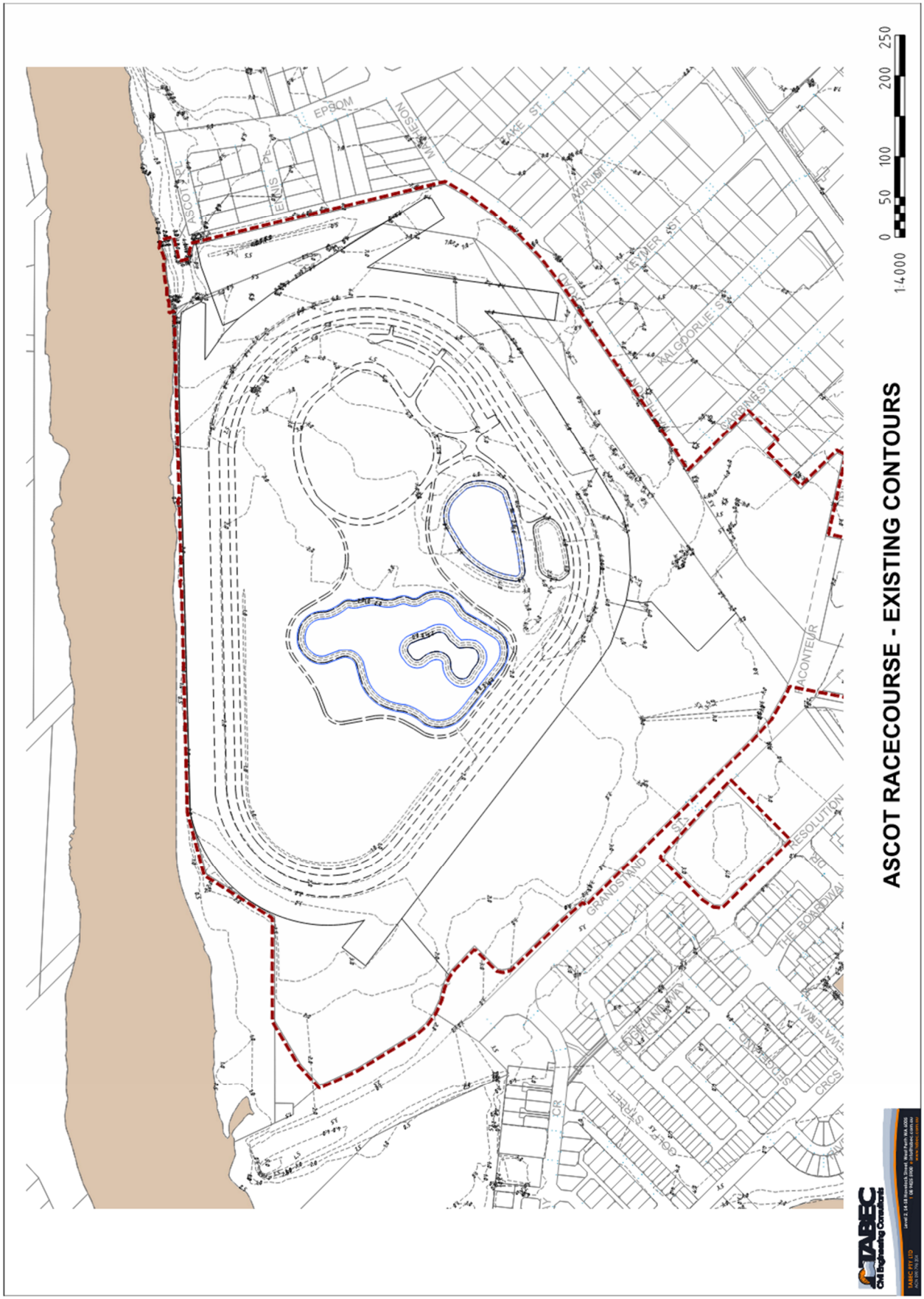


Figure 4 – Existing ground contours (TABEC 2024)

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2.2 Ground Conditions and Ground Water

Geology mapping for the area has been identified as Pinjarra System, with poorly drained coastal plains and variable alluvial and aeolian soils.

Generally, the historical maximum groundwater contours are published by the Department of Water and Environment Regulation (DWER). The Golden Gateway Local Structure Plan Draft document (Essential Environmental 2018) shows maximum groundwater level (MGL) contours ranging from approximately 5mAHD located at the southeast area of the site, and generally fall to approximately 0.5mAHD along the Swan River and northwest of the site.

It is anticipated that there may be insufficient clearance above the published groundwater contours to development levels, and additional fill may be required to satisfy minimum groundwater clearance of 1.2m above MGL at Precinct A, Precinct D and Precinct E for residential and commercial purposes. This would be subject to further investigation on final development requirements and land uses.

Flood levels due to the Swan River have been previously investigated by DWER, with online floodplain mapping indicating flood levels in proximity to the Swan River at 2.8mAHD. All lots must have a minimum 500mm elevation above this Swan River flood level and a minimum of 300mm clearance above the 1% AEP top of water level of drainage basins.

Further geotechnical investigations have been undertaken across Precinct A, C and Precinct D to better understand the subsurface soil and groundwater conditions across the various sites, with this summarised below.

Precinct A

Douglas Partners carried out a site geotechnical investigation at Precinct A in January 2024 (Report reference 219164.03). From the field works, the subsurface conditions of this site were found to comprise uncontrolled fill, made up of sandy gravel material, loose sands, and clay, with the inclusion of foreign unsuitable materials such as brick, glass, scrap metals, concrete, rubber, pipes, and potential asbestos containing materials. In some locations, this uncontrolled fill extended below the groundwater level.

Natural materials found at the site underneath the uncontrolled fill, ranged from clayey sand, between depths of 4.2m to 14.9m, and sandy soils between 10.5m and 14.9m. Both materials ranged from very soft or loose, to dense and stiff.

Given the shallow ground conditions at Precinct A consisting of uncontrolled fill and deep loose and soft soils, the current site classification is Class P. Douglas Partners have therefore suggested shallow footings are not suitable and have anticipated a piled foundation system into deeper insitu soils would be necessary.

Groundwater levels at various locations within Precinct A have been measured over September, October and November 2023. From the assessment, the groundwater level ranged from -0.2m AHD (November) at the centre of the site, to 1.3m AHD (September) located at the site's southern boundary. The groundwater fluctuated inconsistently throughout the site, and these findings are not a clear representation of the maximum groundwater level.

Precinct B

Whilst no geotechnical investigation has been undertaken for Precinct B, the underlying material is anticipated to be consistent with those underlying ground conditions found at Precinct A and Precinct C. Based on adjacent geotechnical investigations at nearby Precincts, it could be anticipated that silty sand,

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clay and clayey sands existing beneath surface level. Further geotechnical assessment will be required to ensure adequate treatment of ground conditions before further development within Precinct B, and to check conditions relating to uncontrolled fill, which is evident at Precinct A and Precinct C.

Precinct C

Douglas Partners carried out a site geotechnical assessment at Precinct C in December 2023 (Report reference 219164.02) for the proposed stables at Ascot Racecourse.

From the investigation, ground conditions differ depending on the test location within the site. Generally, uncontrolled fill was uncovered at most test locations with this depth ranging between 0.25m and 2.5m. Some test locations also observed unsuitable foreign materials such as plastic wrap, concrete and brick fragments. Sand and silty-sand can be uncovered below the uncontrolled fill to a depth of 2.5m, along with clayey sand and clay.

The uncontrolled material across Precinct C has led Douglas Partners to suggest piled foundations, with the site Classification currently Class P. Details of piled foundations can be found within the geotechnical report.

Notwithstanding, the site can be re-classified to Class S, provided that the site preparation is undertaken with the geotechnical recommendations. Areas of over-excavation to achieve Class S may uncover groundwater, and therefore dewatering may be required for earthworks and site preparation.

Groundwater levels at Precinct C have been measured onsite in September 2023, with the depth of groundwater fluctuating at each location. From the assessment, the groundwater level ranged considerably from 0.4m AHD (MW51) at the site near Aurum Street, to 5.6m AHD (BH39) located approximately 100m from the MW51 test pit, and therefore does not provide a clear and consistent overview of the groundwater throughout this area.

Precinct D

Galt Geotechnics carried out a site geotechnical assessment at Precinct D Lot 452 Resolution Drive, in March 2024 (REF WAG230750-01 002 R1) for the proposed residential and commercial development site.

The subsurface soil profile from the testing found sand fill to a depth of 0.4m to 0.9m depth, over sandy clay and clay material. At boreholes BH03, and BH04, layers of silty sand and clayey sand up to 0.7m thick extending to 1.2m depths were also found.

The site classification is considered Class S, where no less than 0.7m of sand and clayey sand layers are present over insitu clay and sandy clay.

Groundwater at the site in February 2024 was found to be approximately 1.9m to 3.03m depth below surface. Galt has suggested there is perched ground water between 2.7mAHD and 2.9mAHD. Whilst that the design level be 0.5m above DWER flood level events, which is a finished level of 3.4m AHD, adequate clearance would still need to be managed to groundwater.

Precinct E

No geotechnical investigation has been undertaken within Precinct E to confirm underlying soil conditions; however, it is anticipated ground conditions would be consistent with the natural material from the geotechnical investigations, and geological mapping.

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2.3 Acid Sulfate Soils

The Ascot Racecourse and surrounding land are mapped as having a known high risk of encountering potential acid sulfate soils. As indicated in Figure 5, there is a reference to higher-risk areas in red within the site at depths within 3m of the surface. No acid sulfate soils were discovered during geotechnical testing at Precincts A, Precinct C, or Precinct D.

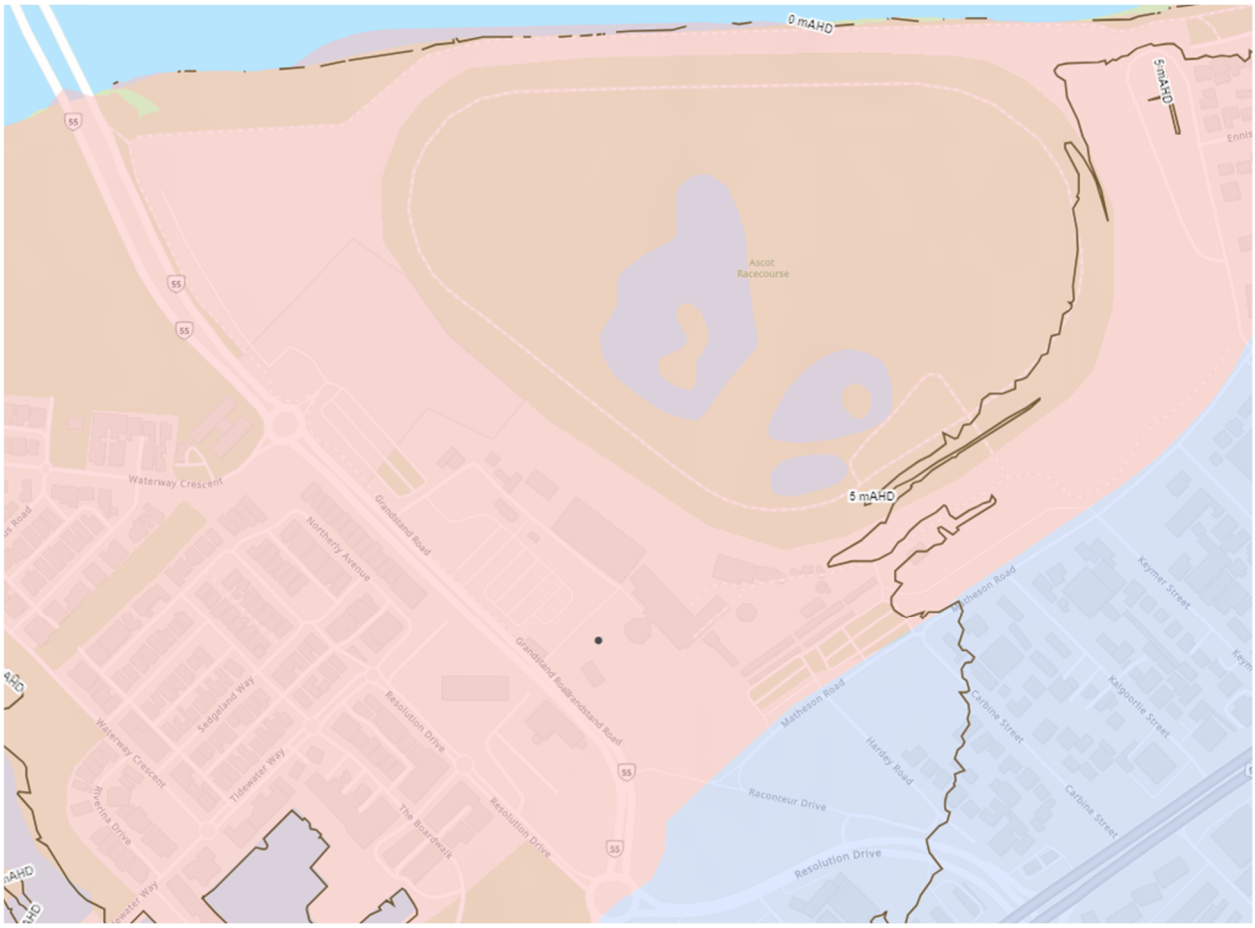


Figure 5 – MNG Access - Acid Sulfate Soils Risk Mapping (2024)

3 SITEWORKS

Siteworks for the development generally comprise the clearing of existing vegetation, stripping of topsoil and pavement, and the earth working of the existing ground surface to facilitate a required form of development.

The siteworks at Precinct A will be subject to the footing requirements due to the existing loose soils and uncontrolled fill beneath the surface. Due to groundwater conditions, remediation works may be difficult, therefore a pile foundation system has been suggested within the geotechnical report which may remove the requirement to remove underlaying uncontrolled fill. However, due to the settlement that may occur due to the soft and loose materials, it is anticipated that surcharging of the site may be necessary to reduce differential ground settlement, which could be carried out through temporary fill.

To achieve Class S at Precinct C, which will allow light-loaded structures to be constructed with shallow footings, site preparation will include 0.15m topsoil stripping and grubbing of existing vegetation, and over-excavation earthworks to achieve a minimum of 0.8m of sand separation above reactive clayey soils.

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It is also important that there are no loose underlying soils to a depth not less than 1.5m below the foundation level to avoid settlement of the development.

3.1 Demolition and Remediation

Precinct A is free from structures and therefore demolition works are not anticipated to be required.

Depending on the final scope for Precinct B, Precinct C and Precinct E, demolition of existing car parking pavement and redundant asphalt roads within these areas may be required.

The demolition of the existing buildings, pavements and associated infrastructure within Precinct D will be required to enable the proposed residential and commercial development at this location. Whilst no asbestos was detected in any of the geotechnical samples at Precinct D, it should be noted that the adjacent northern road reserve, Northerly Ave, has been identified as remediated for restricted use, which may suggest potential asbestos-impacted fill below the surface.

4 EARTHWORKS

The preliminary earthwork pad levels have been reviewed by TABEC to demonstrate how the proposed development levels may be accommodated, given constraints due to groundwater, flooding and interface levels. Generally, earthworking of all proposed precincts will be required, whether this is in the form of remediation works due to subsurface soils or import fill to lift the development levels. Each precinct site will require site preparation, potential demolition, and stripping of existing pavements, vegetation and topsoil, after which the exposed ground will be proof compacted.

Due to existing groundwater hydrology and flood levels, which are discussed further in the LWMS prepared by Emerge (EP23-109, May 2024), the report recommends:

- Surface-based infiltration structures have a minimum 300mm clearance above the maximum groundwater level (MGL)
- Habitable floor levels should have a clearance to a maximum groundwater level (MGL) of at least 1.2m
- Finished floor levels must have a minimum 300mm clearance above the 1% AEP event, top of water level at storage basins.
- All lots to have a minimum of 500mm clearance above the 1% AEP flood level in the Swan River.

These drainage requirements and minimum flood elevation requirements will likely govern the finished floor-level requirements of the five Precincts. TABEC concept earthworks levels have been provided in Figure 6, with these levels to be refined during detailed design.

Precinct A

It is anticipated that the existing surface levels of Precinct A will be lifted to accommodate clearance to flooding, with the minimum finished levels at this location being approximately 3.2mAHD. With existing surface levels surrounding Precinct A being in the order of 2mAHD, the development will require further consideration on how the additional ~1-2m level difference may be accommodated and whether retaining walls are required, or if there is sufficient area to enable battering. Precinct A has a road reserve on the western boundary, and foreshore on the northern boundary, so any batter encroachment into these lots will require further discussion and approval with the relevant authorities.

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Precinct B

As existing levels within Precinct B currently look to be conveying overland drainage towards the racecourse, any changes in levels are only anticipated to be those to lift new offices and hospitality levels. In Figure 6, TABEC has nominated the future building floor level at RL3.2 to satisfy flood levels.

Precinct C

Finished development levels at Precinct C will vary as it will be subject to tying into the existing road network at Raconteur Drive, Matheson Road, Ennis Place and the existing levels at the racecourse. Given the purposes of Precinct C, steep grades and level differences/retaining will likely need to be designed out to serve its purposes as on-course stabling and to facilitate horse movements.

It is anticipated that the future stable finish levels will be at approximately 4m AHD at the west and grade up to 6m AHD to the east in the proximity of Keymer Road, which is consistent with the grade of Matheson Road. These levels also tie in with the existing levels of the internal racecourse.

The private internal access road between the proposed stables and Matheson Road will be marginally lower than the stables floor levels by approximately 200mm, and grade consistently with the stable level steps.

The proposed stables to the east near Leake Street will need to be a minimum of 6.9m AHD, which will allow for internal sewer servicing of the site, and also provide clearance to groundwater levels. To tie in with the existing road reserve on Matheson Road, it is expected that these stables and the internal road will grade to approximately 7.4m AHD to the east.

The northeast development area of Precinct C adjacent to an existing reserve, will match in with existing interface levels. To satisfy sewer servicing and flood levels, it is anticipated that the level of this area of Precinct C will be approximately 6.1m AHD.

Precinct D

It is anticipated that additional sand fill will be required for Precinct D ensure sufficient separation for flood levels, and ground water levels. Precinct D will need to satisfy as a minimum habitable floor level of 3.2mAHD, however, the geotechnical investigation by GALT (February 2024) has identified perched ground water between 2.7mAHD and 2.9mAHD. Emerge Associates have recommended 1.2m clearance above maximum ground water level (MGL) to finish floor level which may increase the habitable floor level higher than the flooding requirements to approximately 4.0m AHD.

Further review of these finish levels will be required on further investigation of the maximum ground water, and drainage and subsoil drainage design which would ultimately determine the finish development levels.

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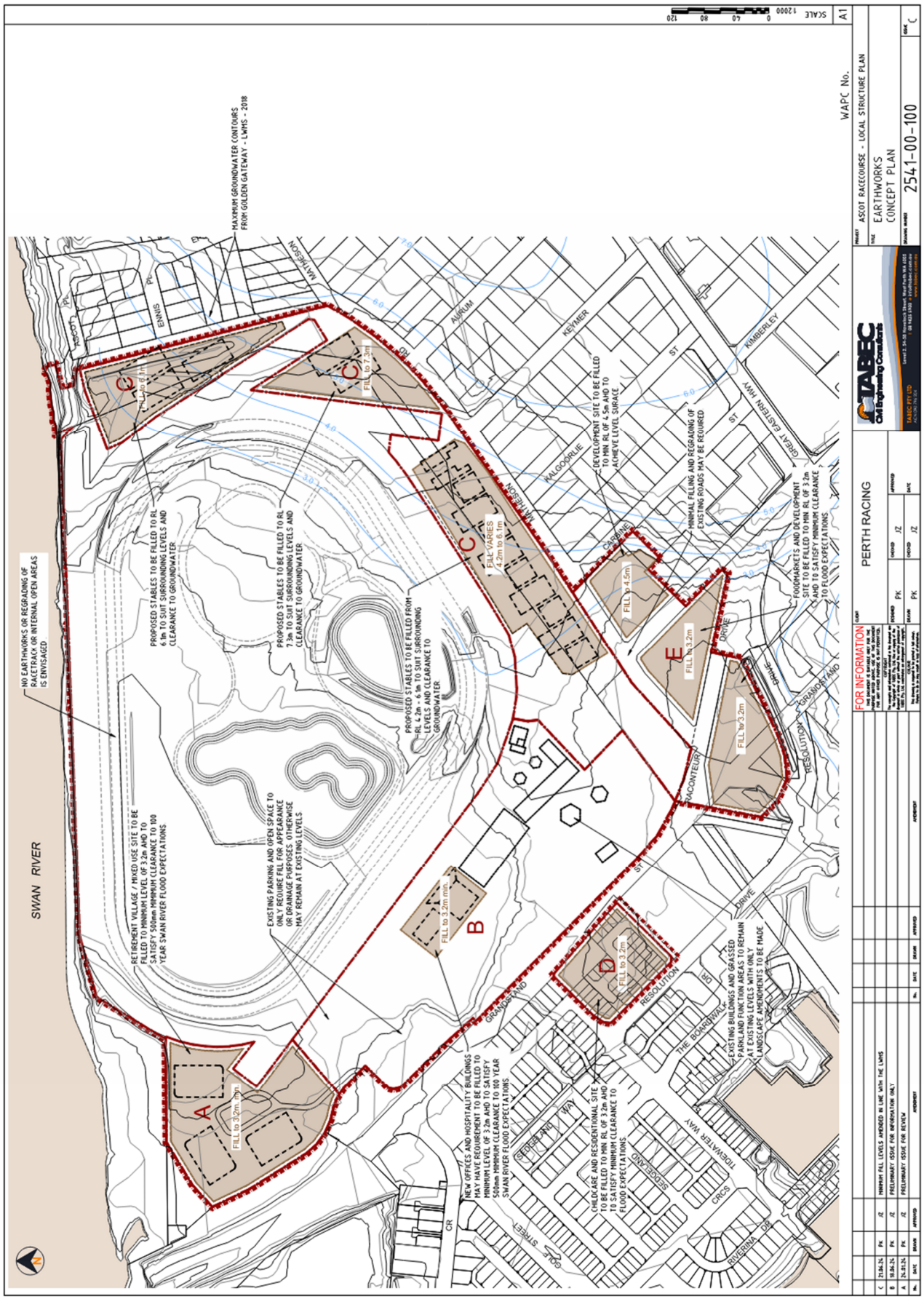


Figure 6 – TABEC Concept Earthwork levels for precincts (June 2024)

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5 ROADS AND TRAFFIC

5.1 Existing Road Network

Surrounding Lot 9002 and Precincts A, B and C, are existing roads that are suitable to provide future access for these proposed developments. Lot 9002 is surrounded by Grandstand Road (Distributor A), Raconteur Drive (Access Road) and Matheson Road (Access Road). The Main Roads WA (MRWA) road database shown in Figure 7, indicates that Grandstand Road is operated and maintained by the MRWA with a speed limit of 60km/hr, with the other access roads being controlled by the City of Belmont. Whilst the east boundary of the site is located against a road reserve, no road currently exists with this being a sand/limestone track.

The existing roundabout at Grandstand Road and Waterway Cres currently provides access to Precincts A and B, and the existing car parks. There is also gated access from Grandstand Drive into Precinct B car parks at three other locations before reaching the Raconteur Drive intersection.

Matheson Road will remain as it currently is, and serve as the primary access for Precinct C, however, access to the northeast stables will be solely from Ennis Place as the only sealed road entry to this location.

Lot 100, located in Precinct E, currently has multiple private roads through this site. Raconteur Drive off Grandstand Road can provide vehicle access through to Resolution Drive, however this does have vehicle gates to restrict access at both boundaries. The intersection of Grandstand Road and Raconteur Drive is currently a left in, left out, however, does allow a right turn in from vehicles travelling north via a split in the median island. Two other existing roads within Lot 100 are fenced to reduce unauthorised access, with these being extensions of Matheson Road and Hardey Road.

Precinct D is located between Grandstand Road and Resolution Drive (Local Distributor), with access to the existing admin building being located at both Grandstand Road as a left in, left out, or via Resolution Drive. The existing median island on Grandstand Road restricts those vehicles travelling south from turning onto the car park.



Figure 7 – Main Roads WA GIS Road Hierarchy (MRWA 2024)

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The land assembly at Precinct E as per Figure 3, will require further consideration for access to future commercial development. Resolution Drive has a raised centre median between the roundabout to Great Eastern Highway which currently restricts vehicle movements. This section of Resolution Drive is a Distributor A road and is controlled by Main Roads WA, with direct development access onto this road requiring MRWA approval.

6 STORMWATER DRAINAGE

Details of the stormwater and drainage strategy, flooding, and water treatments have been detailed within the LWMS prepared by Emerge Associates (EP23-109, 2024).

There are predominantly two significant drainage systems to convey stormwater within the LSP area to the Swan River. The first is the Central Belmont Main Drain which is managed by Water Corporation, and the second is the local drainage system located near Matheson Road, which conveys water from the surrounding road reserves into the lake system at the centre of the race course via a 900mm pipe.

The lakes system is interconnected, with flows discharging from this into the Swan River via a 450mm and 375mm concrete pipe at peak water level within the wetland lake of 0.53mAHD (Evangelisti & Associate 1997). The outlet is controlled to restrict tidal influence on the internal lake systems.

Whilst Grandstand Road has a pit and pipe network consisting of 450mm and 525mm concrete pipes, Precinct A does not currently have access to a stormwater connection, and as part of future development, it would be anticipated that drainage from this site would need to be treated and captured within Precinct A and the racecourse. Infiltration rates at Precinct A are low due to existing soils, however, with the increased level of the site and import fill to achieve flood level requirements, this may allow for some storage and bio-retention swale to infiltrate at source.

Precinct B currently captures and infiltrates water at source, with overland flow being graded towards the existing track. There was no evidence of Precinct B overflowing into the existing road reserve at Grandstand Road.

Consistent with the current drainage design onsite, the proposed stables and car park at Precinct C are anticipated to be a combination of infiltration at source where levels and soil conditions allow, and discharge to the lake system. The geotechnical assessment (Douglas Partners 2024) suggests this site is unsuitable for on-site stormwater disposal due to the shallow clay which may be impervious for drainage purposes. It could be expected that this clayey sub-surface will pond, and water will move laterally on this surface. Further investigation is required as part of the detailed design on the infiltration opportunities and discharge locations, and requirements for bio-retention swales to treat stormwater. The proposed car parks to the southwest of Precinct C are likely to flow towards the Water Corporation drainage system in Precinct E due to the low levels of the area being unable to convey stormwater to the lakes.

Precinct E, adjacent to Water Corporation's Belmont Main Drain, is anticipated to be treated via bio-retention swale before overflowing to a proposed detention basin storage for the 1% AEP event. Overflow from this basin will be into the Water Corporation's drainage system. (Emerge Associates 2024)

Whilst Precinct D has an existing 525mm and 300mm drainage pipe network along Resolution Drive, it is anticipated that there will be stormwater storage and infiltration at the site, with a 1% AEP event discharging into the local drainage network on Resolution Drive. Further investigation will be required during design to determine the final location for stormwater detention before entering Resolution Drive, as no POS has been identified for Precinct D.

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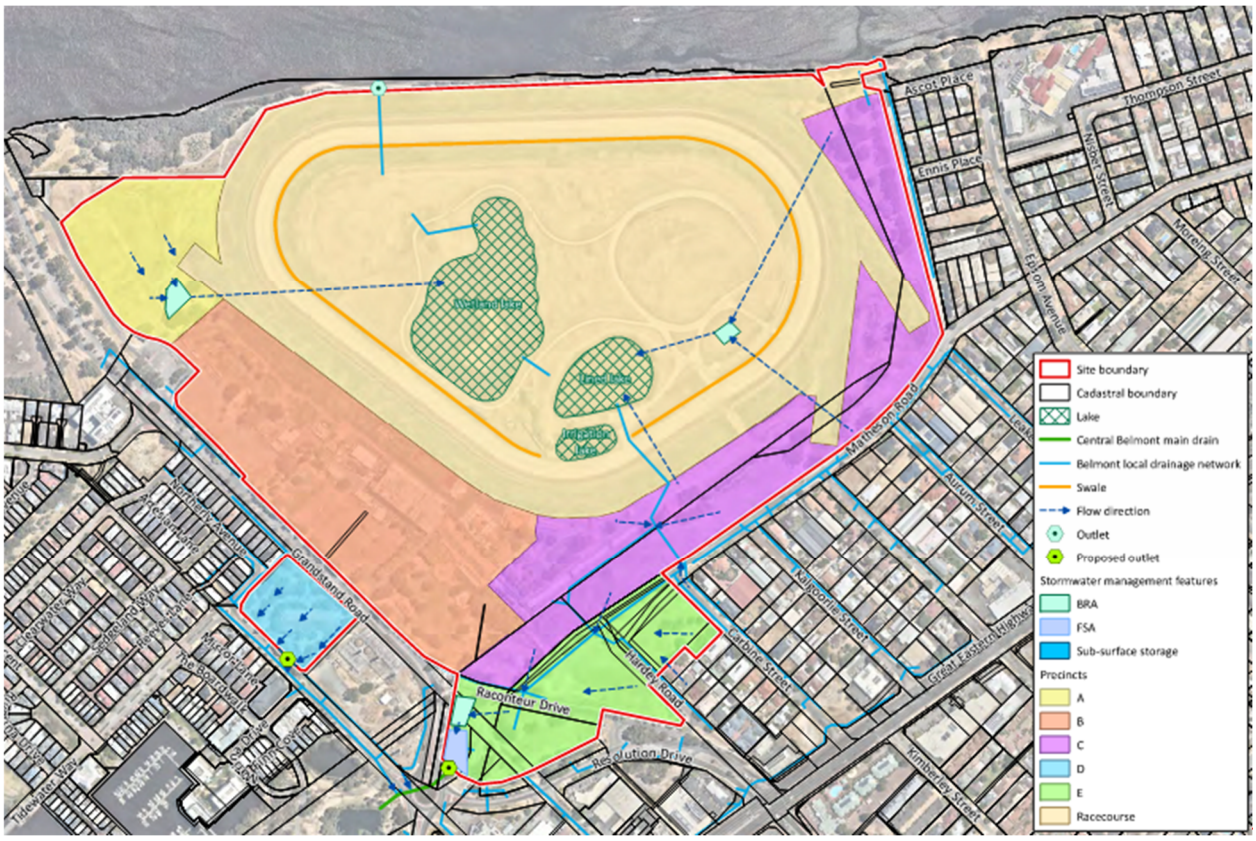


Figure 8 – Emerge Associates - Concept Drainage Catchments and Lake System (2024)

7 WASTEWATER

Water Corporation planning information was requested for the five precincts at Ascot Racecourse.

Precinct A

Precinct A is located off the existing Grandstand Service Road in proximity to the Waterway Cres roundabout. Whilst there is an existing sewer in proximity to Precinct A located at Waterway Cres, it is anticipated that this existing pipe network will not have sufficient cover below finish ground levels to extend from its current location, across Grandstand Road, and into the development. Therefore, alternative options have needed to be considered for wastewater servicing.

The first possible option would be to convey wastewater away from Precinct A and the future aged care site to the existing wastewater pump station to the east located on Ascot Place. This would require a private pump station within Precinct A, and approximately 950m of DN100 pressure main through the Ascot Racecourse lot adjacent to the Swan River and into a new gravity pipe system which would then discharge into the pump station. Given the pressure main would be crossing lot boundaries between Precinct A, and Ascot Racecourse, this would need to be reviewed further with Water Corporation to ensure the proposal is acceptable, and that the relevant easements/agreements are in place to protect these new sewer assets.

Alternatively, there is an opportunity to extend the 225mm sewer up Grandstand Road from the Marina Drive/Resolution Drive roundabout. This existing sewer is at RL-2.09m, and therefore should have sufficient depth to be extended and still service Precinct A if the development is earthworked higher closer to approximately 4m AHD. The connection to this wastewater catchment would trigger downstream upgrades due to capacity issues, with the existing 225mm sewer on Great Eastern Highway requiring an upgrade to a 300mm sewer as per Figure 10.

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Figure 9 – Existing Gravity Wastewater Reticulation Services (Water Corporation)

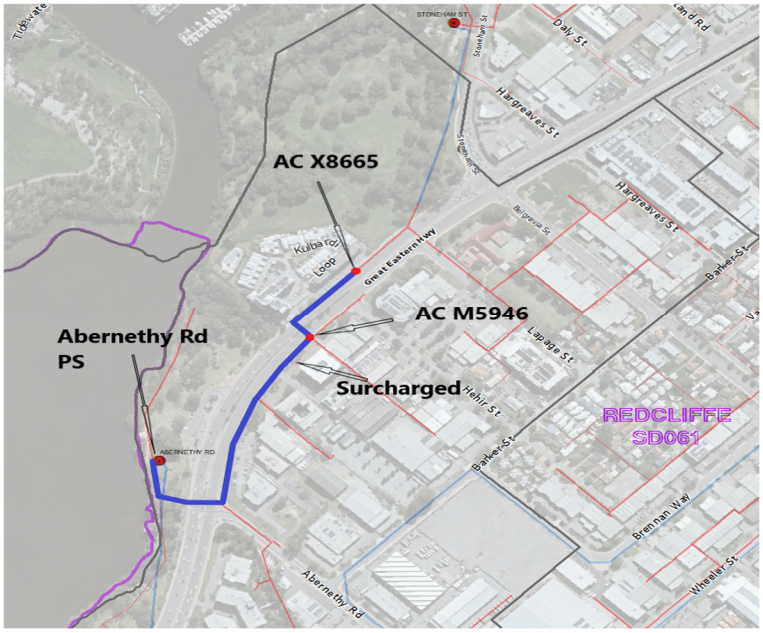


Figure 10 – Existing Gravity Wastewater Reticulation Services (Water Corporation)

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Precinct B

In reviewing existing internal sewer plumbing for Lot 9002 (Ascot Racecourse), there is an existing sewer connection located at Raconteur Drive, at Access Chamber T3030. The sewer connection at this location currently services Precinct B, and a portion of the proposed Precinct C area. Whilst these two precincts are currently connected to the sewer at Raconteur Drive, Water Corporation has advised that there is no record of this connection, and the wastewater flows from this precinct have not been included in their planning assumptions. If wastewater flows from Precincts B and C are substantially increasing, further discussions are likely required to identify the increased flow of wastewater anticipated from the new developments.

According to the sewer flimsy as-cons acquired from Building and Energy Western Australia, the private sewer pipework from Precinct B to the existing Water Corporation main is located partially through Precinct E, Lots 13, and Lot 100 as per Figure 12. At the time of this report, all three lots are owned by the same entity. If the Precinct E land assembly proceeds and/or ownership of any of these lots is transferred, it may be necessary to divert the internal plumbing out of Lot 100 or Lot 13. In this instance, the Water Corporation sewer main may need to be extended to provide a sewer service connection that does not traverse other private lots.

Precinct C

Precinct C for the proposed on-course stabling facilities, will cover the outer edge of the Ascot Racecourse, from Raconteur Drive through to Ascot Place near the existing waste water pump station site. Due to this distance, multiple sewer connections will be required to adequately service the site as shown on Figure 11, with the service boundaries being subject to detailed design and finish levels.

Subject to Water Corporation's acceptance of private sewer crossing lot boundaries with the same ownership and final levels, the west portion of Precinct C (C1) between Kalgoorlie Street and Raconteur Drive will likely be conveyed to the west to the existing internal sewer. This is due to the existing levels of the site and Matheson Road, which generally grade lower as the site gets closer to Raconteur Drive.

There is an existing sewer connection available from Kalgoorlie Street with a connection invert level of 3.48m AHD, which is anticipated to service C2 with sufficient cover to finish levels.

New sewer lot connections will be required for both C3 and C4 areas within Precinct C, with the sewer invert levels into the site anticipated to be in the order of 3.30m AHD and 2.3m AHD respectively. The existing levels within C3 grade from approximately 6.5m to 7.2m AHD at the eastern boundary of C3. The C4 area has an existing surface level of approximately 5.6m AHD, which will likely require sand structural fill to approximately 6.1mAHD to be serviced with sewer.

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Figure 11 – Existing Gravity Wastewater Reticulation Services (Water Corporation)

Precinct D

There is an existing sewer main located on the southern corner of Precinct D, located near the intersection of Marina Drive and Resolution Drive. Water Corporation has advised that a sewer connection to this existing 225mm PVC main is possible for the proposed residential development. The levels of this existing main are at an invert level -2.09mAHD and has sufficient depth to service the site.

The existing sewer junction to Lot 452 is anticipated to service the existing building within the lot, and will likely require removal as part of the development of Precinct D.

Precinct E

There is an existing 225mm PVC sewer south of Precinct E, located along Resolution Drive which ranges from approximately -0.02m AHD to 0.49m AHD at access chamber T3030 located at Raconteur Drive Link. The existing sewer main continuing northeast from this access chamber is located within Lot 100 which is private land. Whilst no easement currently exists over this portion of the Water Corporation pipe, it could be anticipated that this would be required as part of future amalgamation or development in the future.

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The depth of this existing sewer should be sufficient to service the future development at Precinct E subject to the final lot layout allowing access to this existing main. As seen from Figure 12, Lots 51 and Lot 100 can be serviced from the existing main, however, the existing drainage reserve R45069 will require consideration when extending the sewer to service Lot 51.

The wastewater servicing of Lot 1 will require further investigation, but the Water Corporation sewer main could likely need to be extended to this site, possibly from Lot 52 at Resolution Drive.

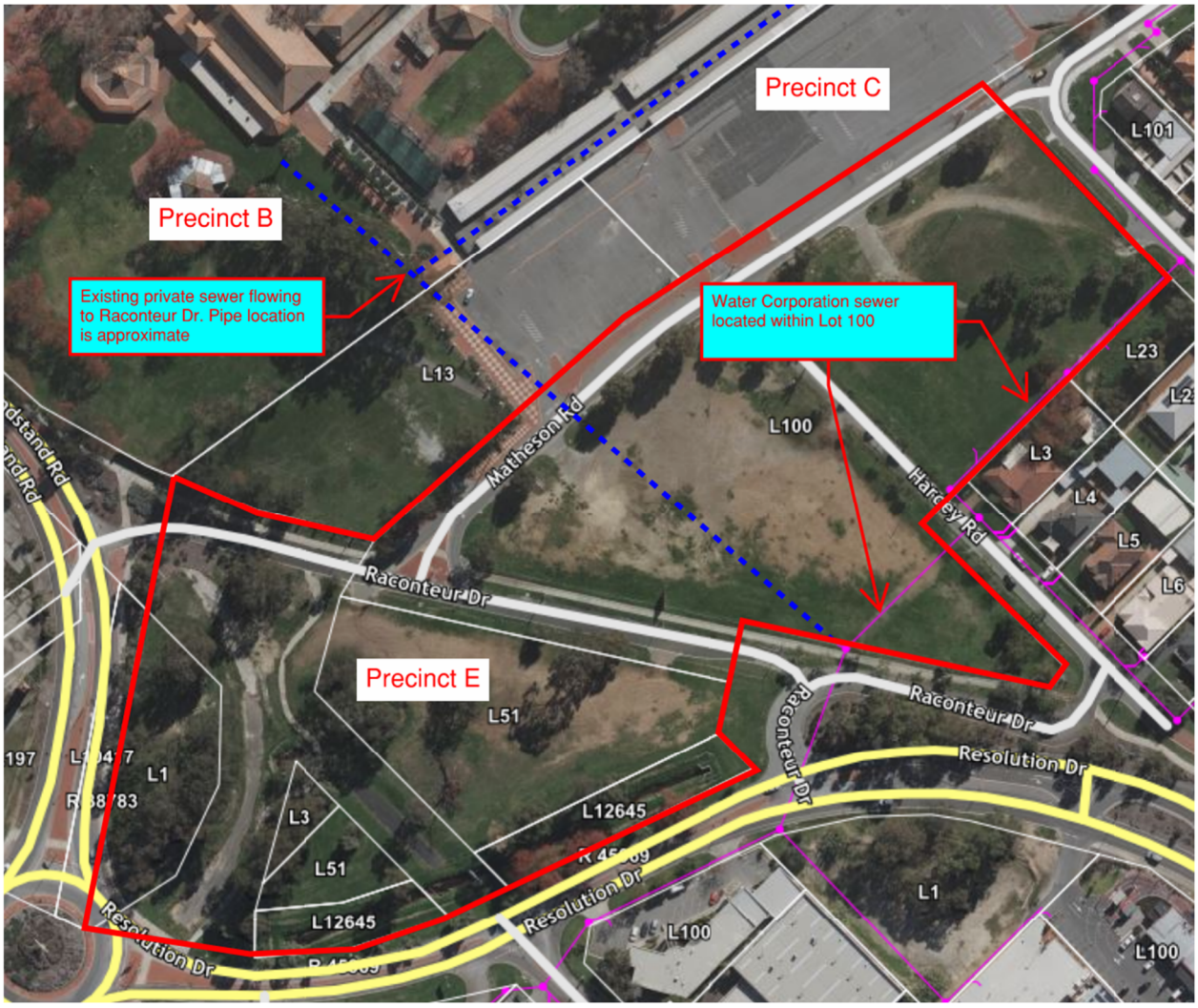


Figure 12 – Existing Gravity Wastewater Reticulation Services (Water Corporation)

Notwithstanding the advice outlined above, if the developer intends to upgrade or extend the sewer reticulation for any reason, they will be responsible for funding reticulation extensions to service the proposed lot with a gravity connection, which shall be designed and constructed to Water Corporation specifications. Standard Water Corporation infrastructure contributions will apply on a per-lot basis.

8 WATER SUPPLY

Advice was sought from Water Corporation regarding the established water reticulation system within the area and if service upgrades are required for the proposed development. Water Corporation has advised that the existing water reticulation in the area may be utilised to service the proposed Precincts depending on final water usage requirements, however, it should be noted that Precincts B and C are not currently included within the current Water Corporation planning assumptions.

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Precinct A and Precinct B

Depending on the potable water capacity requirements for Precinct A, the existing 200dia water main located in the western verge of Waterway Cres and Grandstand roundabout should provide adequate supply to the proposed high-density developments. This 200mm water main would need to be extended to the development site from Grandstand Road to provide supply.

According to Water Corporation's database, Precinct B has an existing 100mm diameter water main feeding into the site with a 100mm meter and multiple existing 100mm fire services. The existing water main size along Grandstand Rd is 100mm PVC, therefore, if additional water is required and the supply needs to increase, an upgrade of this existing 100mm water main would be required which would require further investigation by Water Corporation.



Figure 13 - Existing Water Mains in proximity of Precincts

Precinct C and D

Precinct C has access to an existing 100mm water main located along the south verge of Matheson Road which has been constructed of varying materials (PVC, Asbestos Concrete, Cast Iron, Steel). Access to this main is readily available, however, if greater supply is required above what the 100mm diameter pipework supplied within the area, further investigation would be required with Water Corporation to increase the size of the water main to Precinct C.

Precinct D has an existing 150mm water main on the west verge of Resolution Drive, and a 100mm main on Grandstand Road, both of these providing adequate opportunity for connection and water supply.

Precinct E

There is an existing DN915mm steel water distribution main located along the eastern verge of Grandstand Road on the 2.1m alignment which also runs through the centre of Precinct E within the existing road reserve. A smaller existing DN100mm cast iron water main also conveys potable water through Precinct E within this road reserve corridor, with these mains being built in 1949 and 1987 respectively. Depending on the final use of Precinct E, it could be expected that as part of assembling the

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lots in Precinct E, the Distribution Water Main and the DN100 CI main, may need to be relocated outside of the proposed lots, and reinstalled on their ultimate alignment within remaining road reserves. If these water main assets are to remain in their current location, Water Corporation would need to accept an easement over these assets with the DN915 and 100CI mains requiring 10 and 5m easements respectively.

It is anticipated that the existing DN100 cast iron water main will be suitable for water servicing. The existing DN915 steel distribution main located on the northern verge of Grandstand Road, and through Precinct E, would not be available for connection to the proposed development.

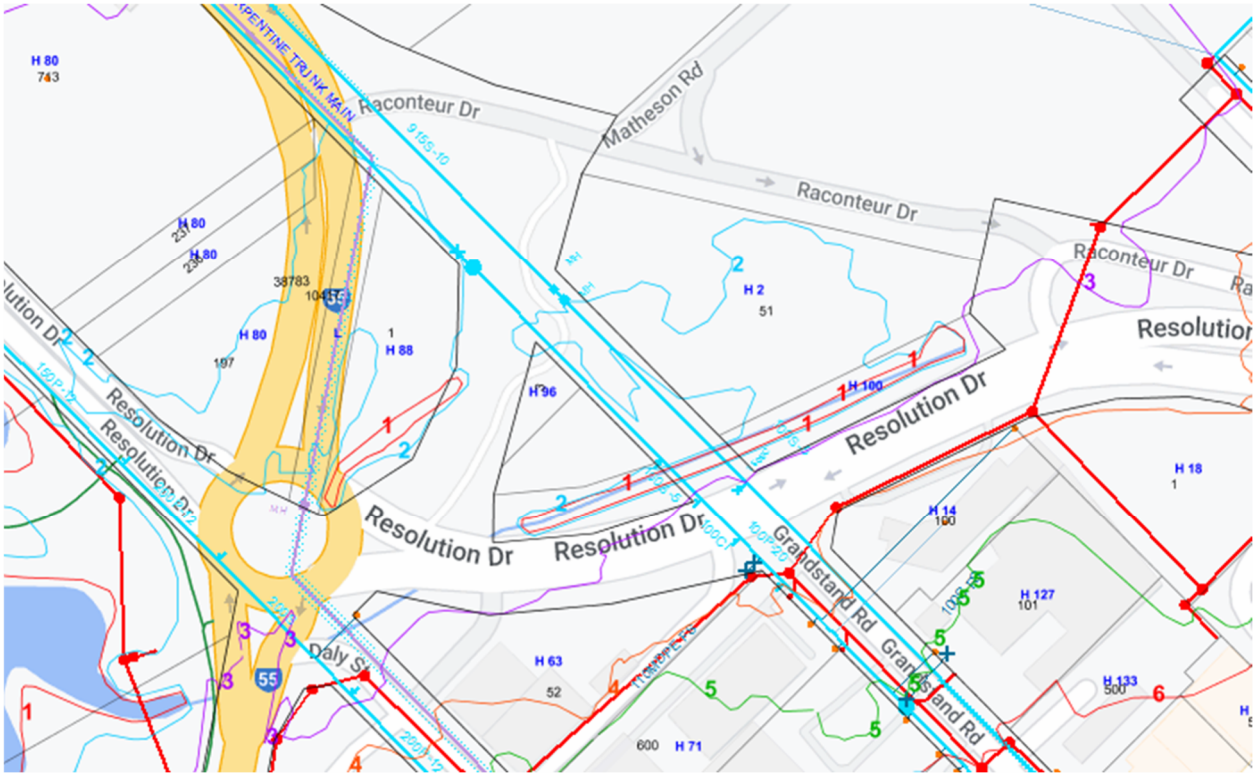


Figure 14 - Existing Water reticulation in Precinct E (Water Corporation Esinet 2024)

Whilst Water Corporation did not advise TABEC of any necessary upgrade of the old water pipe network, any modification to these existing pipes may result in the requirement to upgrade old cast iron water mains. Final upgrade requirements of the existing infrastructure will be clarified once water usage requirements are understood, and modelling has been undertaken by Water Corporation.

9 POWER SUPPLY

9.1 Power Requirements

The preliminary power requirements have been reviewed based on the proposed development at each of the precincts. It is estimated that the development equates to a total power requirement of 5.4MVA, with the new proposed developments within the precincts requiring the additional 4.2MVA. The existing developments within the precincts are estimated to be using 80% of the 1.5MVA currently available.

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Load Type	Anticipated HV infrastructure required
Precinct A	1 x 1000kVA Transformer
Precinct B	**Existing** 1000kVA transformer and switchgear may be adequate **Existing** 500kVA transformer located near the grassed parkland function area may be adequate
Precinct C	**Existing** may be adequate subject to further review.
Precinct D	1 x 315kVA transformer
Precinct E	2 x 1000kVA and 1 x 315kVA transformers

The estimated load summary has been calculated as follows:

Precinct	Development Type	Approx. sqm / No. of Units	Average kVA / sqm	Approx Total kVA	
Precinct A	Retirement Living	390	3.1	1209	
	Commercial	300	140	42	**1251**
Precinct B	Office	680	140	95.2	
	Hospitality	1000	140	140	**235.2**
Precinct C	Stables	6400	10	64	**64**
Precinct D	Childcare	2100	75	157.5	
	Residential	41	4.7	192.7	**350.2**
Precinct E	Site 1 Retail	3400	140	476	
	Site 1 Office	2500	140	350	
	Site 1 Parking	5500	10	55	**881**
	Site 2 retail	7100	140	994	
	Site 2 Parking	3500	10	35	**1029**
	Site 3 Equine	5000	75	375	**410**
Total				**4185.4**	**kVA**
				5822.76	**Amps**

The anticipated additional power demand from the development is estimated to be in the order of 4.2MVA (4,200kVA).

9.2 Feeder Capacity

Western Power's (WP) Network Capacity Mapping tool indicates that the area is serviced by the Belmont Zone Substation and has more than 30MVA of power available on the network. Note that this information is unconfirmed by Western Power until such time as an application is being made to WP for connection.

To access the additional capacity in the network supplied at the Belmont Zone Substation, it is anticipated that 2 additional power feeders may need to be installed, 2.5km from the Belmont Substation Site to the development to adequately service the ultimate required supply.

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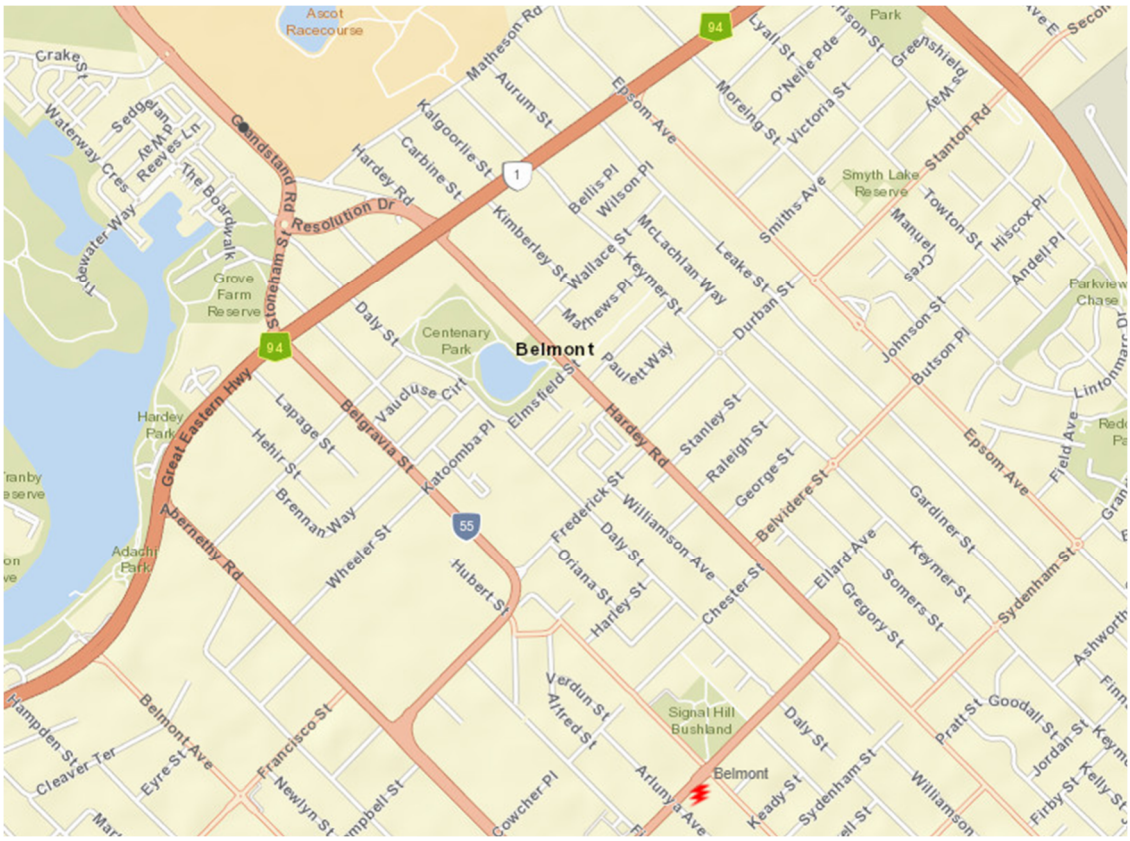


Figure 15 - WP Substation Site (Western Power Mapping 2024)

9.3 Existing Distribution Power Network

The Western Power Network Mapping tool (NCMT) and DBYD has indicated that there is high voltage (HV) servicing this development area. Existing 132kV overhead power is also located along Matheson Road, and along the east of Lot 9002.

There are also high voltage distribution cables surrounding the sites, with these being overhead power along Matheson Road, which transitions to underground at Resolution Drive, and north up Grandstand Road as seen within Figure 16.

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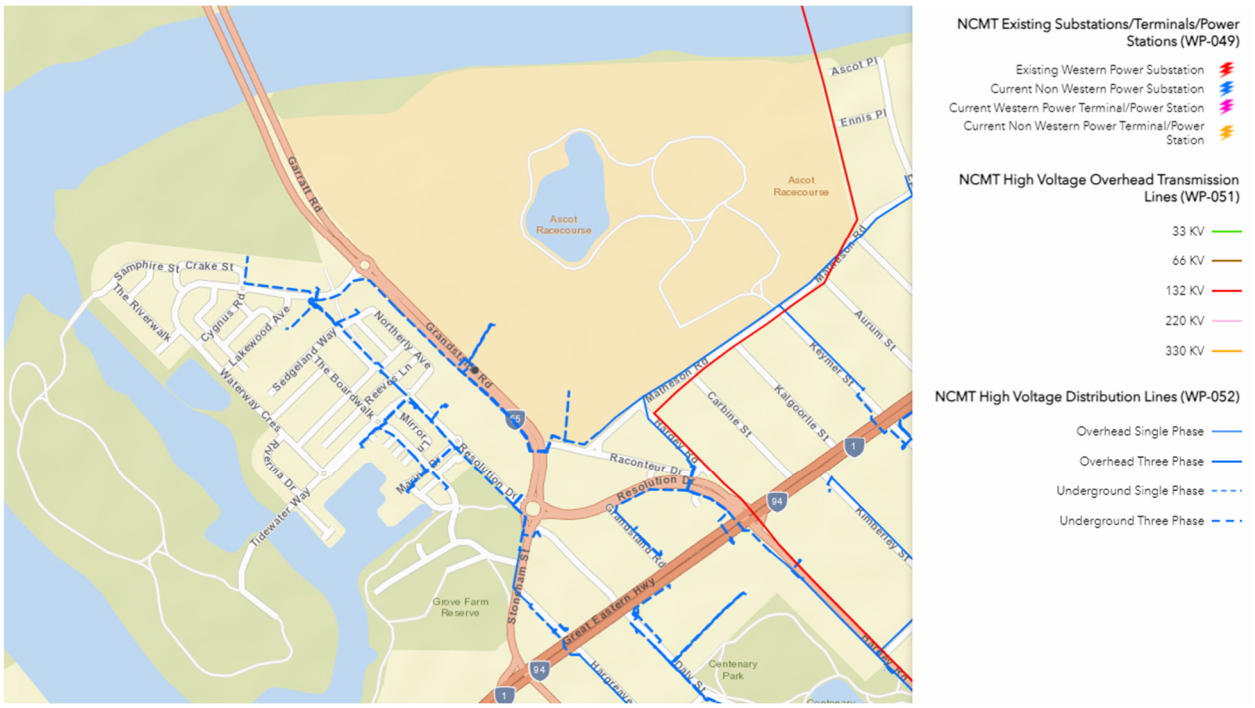


Figure 16 – NCMT Network Existing Power Services (Western Power)

10 COMMUNICATIONS

Ascot Racecourse is currently surrounded by NBN service in the area with FTTN Technology. It is expected with new developments or upgrades, that FTTP will be available.

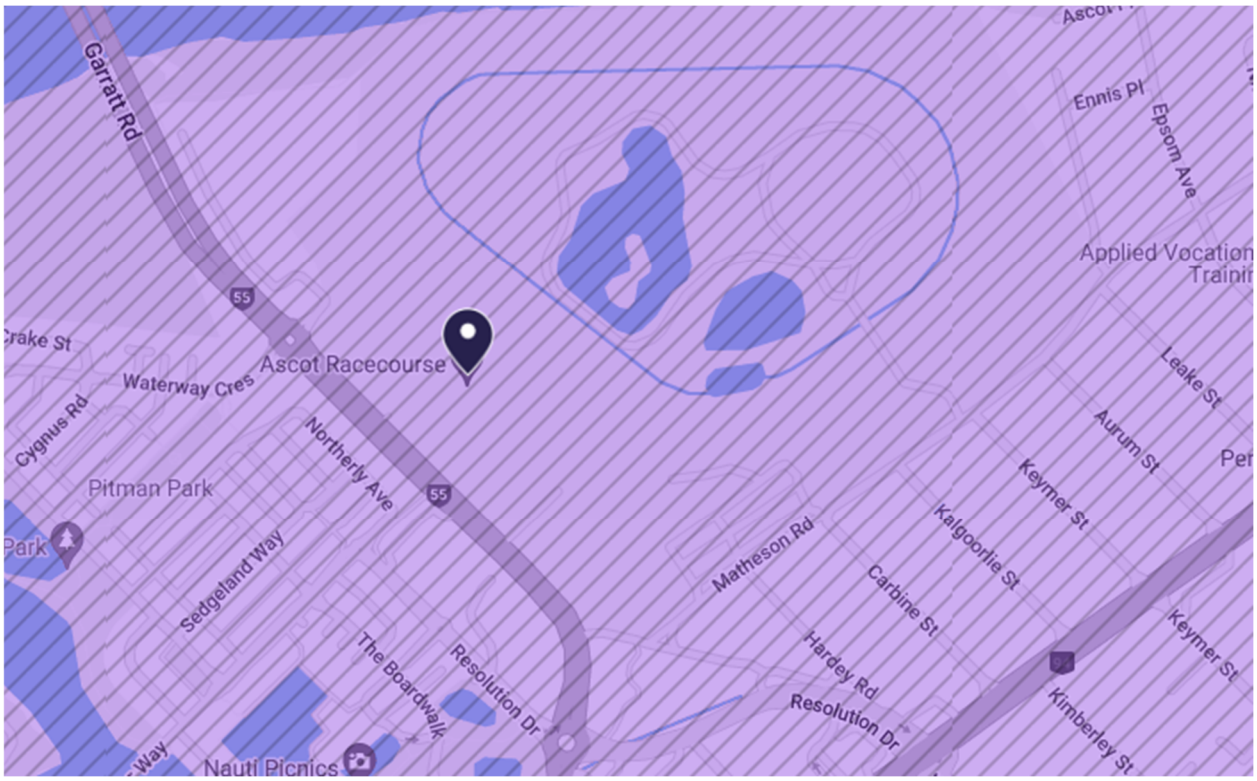


Figure 17 - NBN Rollout Map (NBN) – Fixed Line available

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The Dial Before you Dig information shows Precinct D has existing Optus fibre optic assets within the site, which have been installed within the north west boundary of the lot. Precinct D also has Telstra and Vocus assets entering the lot from Grandstand Road and from Resolution Drive respectively.

Further discussion will required with the communication providers to determine whether these existing comms assets will impede the proposed development at this site, and whether relocation or removal of this asset is required.

11 GAS SUPPLY

There is existing medium pressure 155 PVC 1.5 (MAOP 70kPa) gas mains located along Matheson Road and up Grandstand Road until Precinct D which are available for connection to Precinct C, Precinct D and Precinct E if required.

ATCO has completed high level modelling based on similar business connection types as those nominated developments within each precinct. The modelling was based on:

- Connection to MAOP 70kPa network
- MP Metro 25 – Severe Winter
- Full load at 350scmh (≈12000MJ/hr)
- Full connection by 2025
- Potential mains extension required for connections to Precinct A and B

Based on this modelling, the existing gas mains adjacent to Precinct D and Precinct E should be sufficient to service these residential and commercial developments.

Precinct A will require a gas mains extension to the retirement village if this development is to utilise gas, however, ATCO have not expressed any concerns with servicing capacity issues.

The supply of gas is not a WAPC subdivision condition and there is no obligation on the developer to install gas as part of the development.

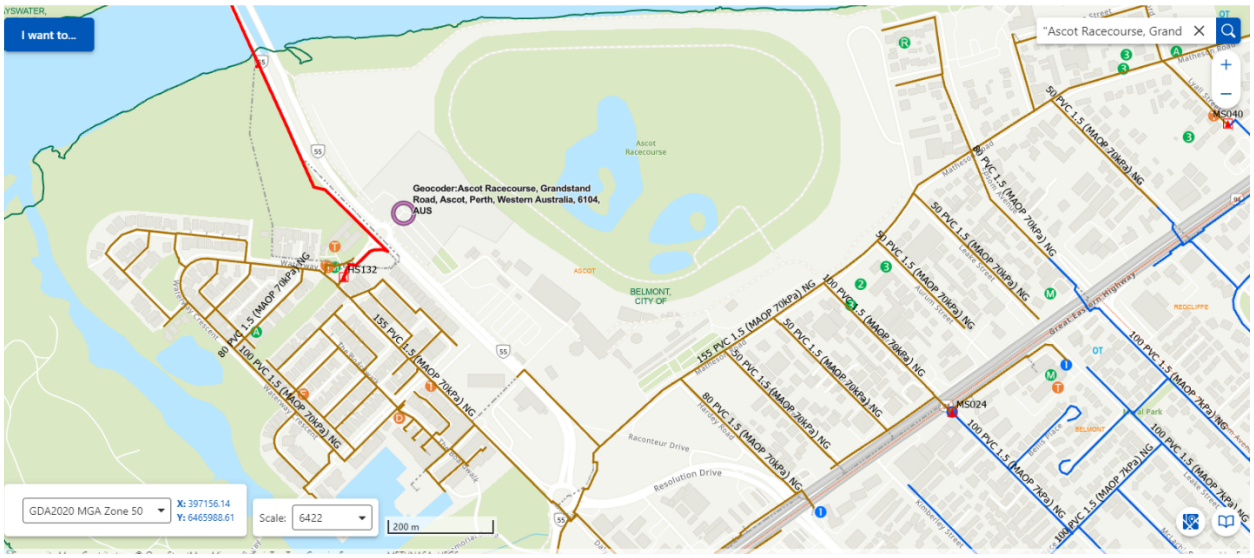


Figure 18 – Existing ATCO Gas Network map (ATCO Gas)

In reviewing the Dial Before You Dig information, an existing 150 PVC gas main traverse through Precinct D, along the south east boundary. From the information available, this pipe does not look to be

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operational, however, further discussions with ATCO Gas are required on whether this needs to be relocated, or removed.

12 CONCLUSION

Based on the infrastructure review, there does not appear to be engineering-related constraints preventing the development of the five precincts. Notwithstanding, there are a number of design issues and construction challenges to be resolved in further detail within the next phases of development.

The advice received from servicing authorities and investigations to date indicate each aspect can be resolved to support the development proposal.

13 RECOMMENDATIONS

Since this report is based on preliminary servicing advice and investigations, it is recommended that each Authority be kept informed as the planning progresses and concept engineering designs are refined. Communicating the proposed time frames for the precinct development is also important.

There are a number of project-related issues and challenges that require further consideration, with some of these to be assessed as part of the next phase, such as:

- further investigation and discussion on the preferred Precinct A sewer servicing methodology;
- the upgrade/relocation requirements of existing water mains if deemed necessary for Precinct E or to provide adequate servicing to Precinct B or C. If required, early engagement with Water Corporation is recommended to coordinate scope within Water Corporations capital works program;
- bio-retention locations within the centre racecourse for Precincts A, and C;
- drainage basin/storage location at Precinct D;
- existing communications assets removal or relocation within Precinct D;
- power servicing to each development sites with overlapping lots and boundaries
- understanding development timeframes for precincts, due to the limited power capacity within the existing network prior to additional HV feeders being required to the site.

The information contained within the report is preliminary in nature, has been completed based on a high-level desktop assessment, and has relied on preliminary planning advice from servicing authorities where appropriate. There are no site investigations, reports or other consultants' input unless stated within the report, which would ordinarily provide a more substantial servicing review for the purpose of supporting subdivision applications.

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15 APPENDIX A – DBYD INFORMATION

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Job No 36962243

byda.com.au

Contact Details

Contact	Contact number	Company	Enquirer ID
Justin Zielinski	0420 304 451	-	3140642

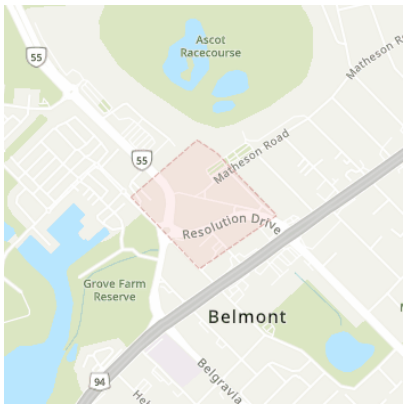
Email
jzielinski@tabec.com.au

Address
54 Havelock Street
West Perth WA 6005

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

Enquiry date	Start date	End date	On behalf of	Job purpose	Locations	Onsite activities
21/06/2024	24/06/2024	24/06/2024	Private	Design	Both Road	Planning & Design



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

User Reference	Address	Notes/description
Precinct E	2 Raconteur Drive Ascot WA 6104	-

Your Responsibility and Duty of Care

- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the Privacy Policy and Term of Use.
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
240900614	ATCO Gas Australia	1300 926 755	NOTIFIED
240900610	NBN Co (WA)	1800 687 626	NOTIFIED
240900607	Optus (WA)	1800 505 777	NOTIFIED
240900612	Telstra (WA)	1800 653 935	NOTIFIED
240900609	TPG Telecom (WA)	1800 786 306	NOTIFIED
240900608	Vocus (WA)	1800 262 663	NOTIFIED
240900613	Water Corporation	13 13 95	NOTIFIED
240900611	Western Power	13 10 87	NOTIFIED

END OF UTILITIES LIST

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ATCO UNDERGROUND ASSET DETAILS ASSETS AFFECTED
GAS DIVISION

ASSETS AFFECTED – see accompanying Plan

Justin Zielinski
ATCO Gas Australia
54 Havelock Street
West Perth
WA 6005

Job No: **36962243**
Sequence No: **240900614**
Date of Issue: 21 June 2024
Phone: **1300 926 755**

BYDA Utility Registration Name: Private
BYDA Location: **2 Raconteur Drive Ascot WA 6104**

ATTENTION: This response to your enquiry has been interpreted from details in your requested DBYD picture location request only (not any street address you gave). It is your duty to ensure the accompanying plan/s match your geographical area of works.

IF YOU SEE, HEAR, SMELL OR OTHERWISE DETECT GAS,
LEAVE THE IMMEDIATE AREA AND THEN CALL 13 13 52

Our records indicate that ATCO gas infrastructure ***IS PRESENT*** in the vicinity of and/or surrounding area of the above enquiry. This response relates only to ATCO assets. Your Duty of Care requires that personnel **Must** at all times comply with, and have on site, this information sheet and the accompanying plan(s). All plans are subject to this information sheet. You should refer to the ATCO Self-service Portal (Link Here) or if unsure, contact ATCO on **1300 926 755** during business hours.

All information provided is to be used as a guide only (see Disclaimer item **5**). It does not absolve you or third parties from your Duty of Care obligations, including to take additional precautions where work has the potential to impact on gas assets, public safety or the environment, or from your duties at law (including Reg 3.21 of the Occupational Safety and Health Regulations 1996).

WARNINGS

- No works of any type within 15 metres of any **CRITICAL GAS ASSET** infrastructure without prior approval from ATCO
- **NO HOT WORK** within 15 metres of any gas infrastructure except in compliance with applicable laws & *Australian Standard 1674.* **Do Not** let heat sources or hot works impact on any gas infrastructure and take into consideration that the ground or adjacent structures may also be capable of transmitting heat so as to circumvent protection afforded by a heat shield or barrier
- **DANGER** - Gas can cause asphyxiation and is flammable. Keep all ignition sources well away (e.g., flames, matches/ lighters, sparks, electrical devices, vehicles or engines, mobile phones, cameras)
- Gas pipes **Must Not** be unsupported or left without adequate cover or protection without prior approval from ATCO
- Damage to the pipe coating or pipe itself can be very dangerous if not given immediate attention. Report any damage to ATCO immediately on **13 13 52**. **Do Not** attempt to repair any damaged gas infrastructure
- No alteration or removal of live or abandoned gas infrastructure without prior written approval from ATCO
- Any abandoned or proposed gas infrastructure indicated on the gas plans **Must** be treated as live
- Never assume the location or depth of any gas infrastructure. Pipes may not follow straight lines or maintain a constant depth. Always check carefully (e.g., by careful hand digging of potholes)
- Unauthorised repairs or tampering with gas infrastructure may result in prosecution under the *Energy Operators (Powers) Act 1979*. ATCO Gas Australia reserves all rights to recover compensation for loss or damage to its gas infrastructure or other property including for indirect or consequential losses.

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PLANS:

Plans provided are current for **30 days only** from date of request. You must use current plans at all times.

Plans do not show all gas service lines (which connect gas mains to individual meter positions). See condition **3.c)** below.

If plan shows **additional detail** symbols (*) or ( ) in the area of proposed works it is **your duty** to obtain that further detail from the number below.

Plans (including the location of pipes, services, infrastructure and boundaries) are **approximate only**. You **Must** use safe and proper procedures – including **potholing** (see condition **4** below).

Plans are not a guide as to gas availability for connection purposes.

To call ATCO: **Weekdays from 7.30am to 3.30pm, call – 1300 926 755 After hours, weekends and emergencies, call – 13 13 52**

CONDITIONS FOR WORKS IN THE VICINITY OF ATCO ASSETS

1. Compliance with Warnings

You **Must** comply with the Warnings contained in this information sheet and the accompanying plan(s).

2. Compliance with 'Working around Gas Infrastructure' Document (Link Here) applicable laws and duty of care

All work (including but not limited to using Excavator's Augers, Directional, drilling machines, 'Ditch Witch' type trenching machine, Loader, Dozer, Skid Steer (Bob Cat)) **Must** comply with all applicable requirements in the 'Working around Gas Infrastructure' Document and with all applicable laws and Australian Standards. All due care must be exercised to locate any gas infrastructure in the vicinity and when conducting any works near them.

3. All Gas Infrastructure

All work that may have any impact upon any gas infrastructure (see **3.a)**, **b)** and **c)** below for examples) should be carefully planned with notification to ATCO well in advance of commencement. Contact ATCO on **1300 926 755** or visit Atco's online self-service portal (Link Here). Amongst other things, this includes excavation of or near gas pipelines, boring/drilling, crossings of pipelines (including by other underground infrastructure e.g. drains, power cables, etc.), road works and structural installations. In addition:

a) Critical Asset

No works of any type are permitted within 15 meters of these pipelines without prior approval from ATCO. For approvals contact ATCO on **1300 926 755** or visit the Atco online Self-service portal (Link Here)

You **Must** ascertain the location of any Critical Asset, in relation to your proposed work by:

- Locating a straight line between two marker danger signs, and
- Assessing the distance from this line to your proposed work area.

ATCO may require stand-by supervision during your works and will advise of attendance requirements.

b) Non Critical Assets

These pipelines are installed in most streets throughout the Perth metro area and several country centers. Main valves, regulator sets, and test points also exist at intervals along these pipelines. Where work may impact upon these pipelines or assets then ATCO **Must** be contacted as per item **3** above.

c) Gas Services and Meters

If a gas meter is installed on a property, an underground gas service pipe will run from the meter position to the gas main in the street. Plans do not show all gas service lines (with the exception of Critical Assets), but their presence must be anticipated. Most gas meter boxes installed since 1996 will include a sticker giving approximate guidelines for the gas service line location. All due care must be exercised to locate any gas services in the vicinity and when conducting any works near them.

4. Compliance with Safe Work Practices

It is your responsibility to have and comply with adequate safe work practices and procedures. Without limiting your obligations:

PLAN The complete & current Before you Dig Australia documentation and plans must always be on site & referred to for the duration of work. Refer to regulation 3.21 of the Occupational Safety and Health Regulations 1996 and the Utility Providers "Code of Practice" for further useful information.

PREPARE Prepare by reviewing the Before you Dig Australia Documentation and contacting ATCO if you need assistance. Look for onsite ATCO asset and infrastructure clues such as pit lids, marker posts and meters. No works of any type are permitted within 15 meters of a **CRITICAL ASSET** without prior approval from ATCO. For approvals contact ATCO on **1300 926 755** or visit the Atco website Self Service portal (Link Here) and allow suitable

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processing time. Atco recommends engaging a BYDA Certified Locator which includes undertaking electronic location prior to potholing.

POTHOLE Using current Before you Dig Australia plans, all gas pipes should be located (including any deviation in the direction of a gas pipe) by exposing them by careful digging using a HAND SHOVEL. Where the proposed work is parallel to a gas pipeline, pothole every 10 meters along the entire route. Damage to the pipe coating or to the pipe itself can create a very dangerous situation if not given immediate attention. If damage does occur, it **Must** be reported to ATCO immediately on Ph. **13 13 52**.

PROTECT Supervise and monitor all excavations near gas infrastructure using a dedicated spotter. Where any gas infrastructure is required to be exposed, adequate protection of the gas infrastructure is required to prevent potential damage. Also implement appropriate controls when conducting 'hot work' (in accordance with AS 1674) in the vicinity of the ATCO infrastructure such as; isolation; separation distance; the placement of an effective non-combustible barrier of sufficient size and thermal resistance for the intensity, type and duration of heat exposure; gas monitoring; monitoring the environment surrounding the ATCO infrastructure to ensure it is not being impacted by the work, and other controls as necessary.

PROCEED You should **only proceed** with your excavation work after you have planned, prepared, potholed (unless prohibited) and have protective measures in place. All locations markers/pegs are to be removed on completion of works. If you are unsure, **DO NOT** Proceed. Call ATCO on **1300 926 755**

5. Disclaimer and Further Terms

a) Nothing in this document, any accompanying plan or the 'Additional Information for Working around Gas Infrastructure' (AGA-O&M-PR24) (together called "**Documents**") purports to exclude or modify any term, condition or warranty to the extent that by law it cannot lawfully be excluded or modified by agreement or notice, including but not limited to those contained in Schedule 2 of the *Competition and Consumer Act* 2010 (Cth) and corresponding provisions of any state legislation.

b) If any of ATCO, or their respective related entities, officers, employees, agents, contractors or advisers (together called "**Associates**") is liable for a breach of a term, condition or warranty described in paragraph **5.a)** above, its liability is, to the fullest extent permitted by law, limited to any one or more of the following as it determines in its absolute discretion:

i) in relation to goods supplied by them, replacing or repairing the goods, supplying an equivalent item, paying the cost of replacing or repairing the goods or paying the cost of acquiring or hiring an equivalent item; and

ii) in relation to services supplied by them, the re-supply of the services or the payment of the cost of having the services re-supplied.

c) Subject to paragraphs **5.a)** and **b)**, but otherwise despite any other provision in the Documents, no representation or warranty is made or given (whether expressly or by implication) by any of ATCO or their respective Associates in respect of any information contained or referred to in any of the Documents or in any other communication from ATCO concerning any of the Documents or the subject matter of any of the Documents ("Information"). In particular, but without limiting the generality of the foregoing limitation, none of ATCO or their respective Associates makes any warranty or representation as to the truth, accuracy, completeness, reliability, currency, timeliness, quality or fitness for any purpose of or the standard of care taken in the preparation of any Document or Information (including, but not limited to, the accuracy of the scale of, or the location of anything or symbol shown on, any plan or diagram).

d) Subject to paragraphs **5.a)** and **b)**, to the maximum extent permitted by law, none of ATCO or their respective Associates is liable to any person or other body ("**Recipient**") who receives or otherwise obtains access to all or any part or parts of the Documents or Information, in any way (including, but not limited to, liability for negligence, breach of statutory duty or lack of care) in respect of any cost, expense, damages, loss or liability, including, but not limited to:

i) any financial or economic loss, cost, expense or damage, including but not limited to loss of production, loss of profit, loss of revenue, loss of use, loss of contract, loss of goodwill or loss of business opportunity;

ii) any new or increased costs or expenses, including but not limited to financing or operating costs;

iii) any failure to achieve any actual or anticipated saving in respect of any cost or expense;

iv) any cost, expense, damage or loss resulting from any liability of the Recipient to any other person or body howsoever and whensoever arising, suffered or incurred by the Recipient in relation to, or in connection with, the disclosure to them of, or use of, or reliance on, all or any

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part or parts of the Documents or Information.

e) By using any Document or Information, each Recipient is taken to represent and warrant to ATCO that the Recipient will comply with the conditions and other terms referred to in the Documents or Information, including but not limited to conditions that:

i) the Recipient **Must** comply with the conditions in numbered paragraphs **1** to **4** above and this paragraph **5**;

ii) as between ATCO and each Recipient, ATCO owns the Information and all rights and title in and to the Information are to remain vested in ATCO;

iii) no Recipient has any right, title or interest in the Information or, except as expressly provided for in the Documents, any license or right to copy, alter, modify, publish or otherwise use or deal with the Information without prior written approval from ATCO;

iv) ATCO makes no representation and gives no warranty as to its right to disclose any Information;

v) the Recipient relies on any Information entirely at its own risk and expense;

vi) the Recipient **Must** undertake its own independent due diligence and investigations in relation to the Information;

vii) none of ATCO or their respective Associates owes the Recipient any duty of care in respect of the Information; and

viii) none of ATCO or their respective Associates is under any obligation to correct, update or revise any Documents or Information.

GAS MAIN AND SERVICE IDENTIFICATION

LEGEND

1. Critical Asset (See **WARNINGS** page 1)
2. Pipe Diameter (millimetres)
3. Pipe Material

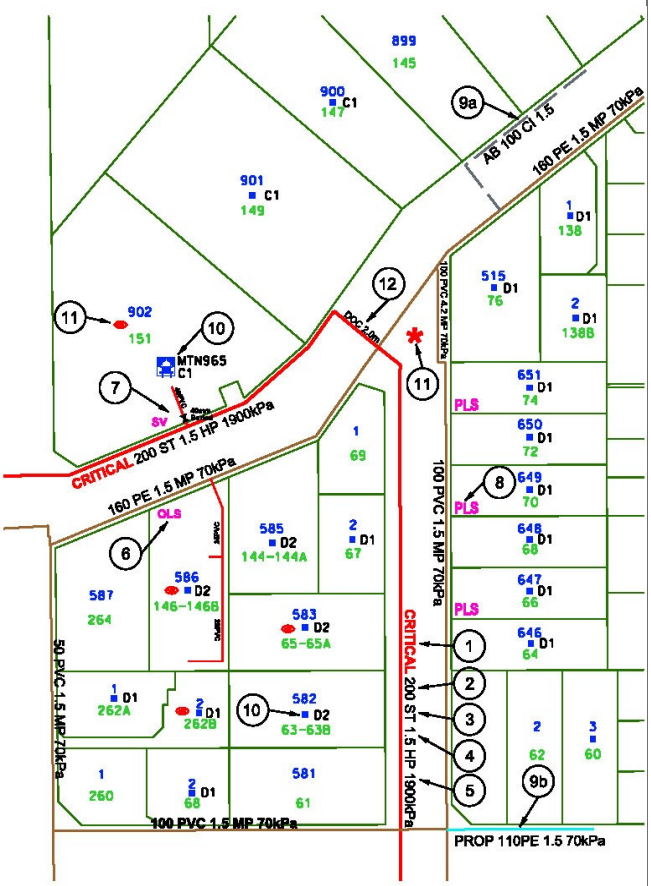
   CI = Cast Iron PE = Polyethylene
   GI = Galvanised Iron PVC = PVC
   ST = Steel
4. Alignment (in metres from property line)
5. Pressure in main (MP 70 kPa = Medium Pressure and MAOP (Maximum Allowable Operating Pressure)
6. Off-line Service – service may not be straight line to meter. (**WARNING – OLS may not always be shown on plan**. See item **Error: Reference source not found** above)
7. Service Valve in the vicinity
   (**NOTE:** Service Valve may be **"BURIED"**)
8. Pre-laid Service laid in Common Trench
9. Main Status: (See **WARNINGS** page 1)

   9a. AB = Abandoned Mains

   9b. PROP = Proposed Mains
10. Customer Connection: Does not indicate actual location of Meter Position

    D2 (D = Domestic & 2 = Number of Meters)

    C1 (C = Commercial & 1 = Number of Meters)
11. **Additional detail available and Must be obtained if within area of proposed works – see page 2 above.**
12. Depth of Cover (DOC) in metres.



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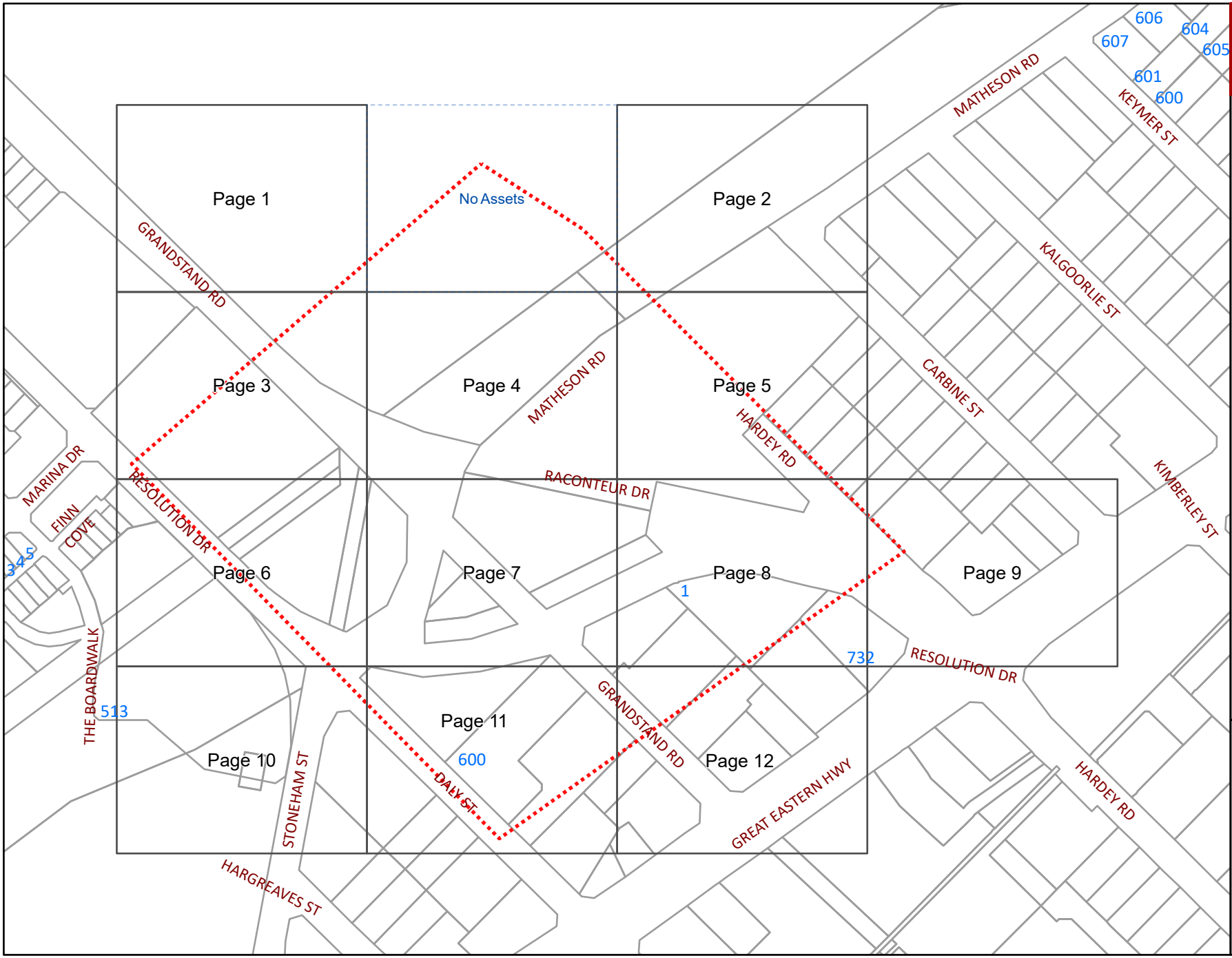
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Job # 36962243

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Scale: 1:3,500

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WARNING
Refer to Cover Sheet for Further Information

- BYDA Enquiry
- Detailed map page
- No dig site assets

Please refer to Symbols Sheet for Further Information

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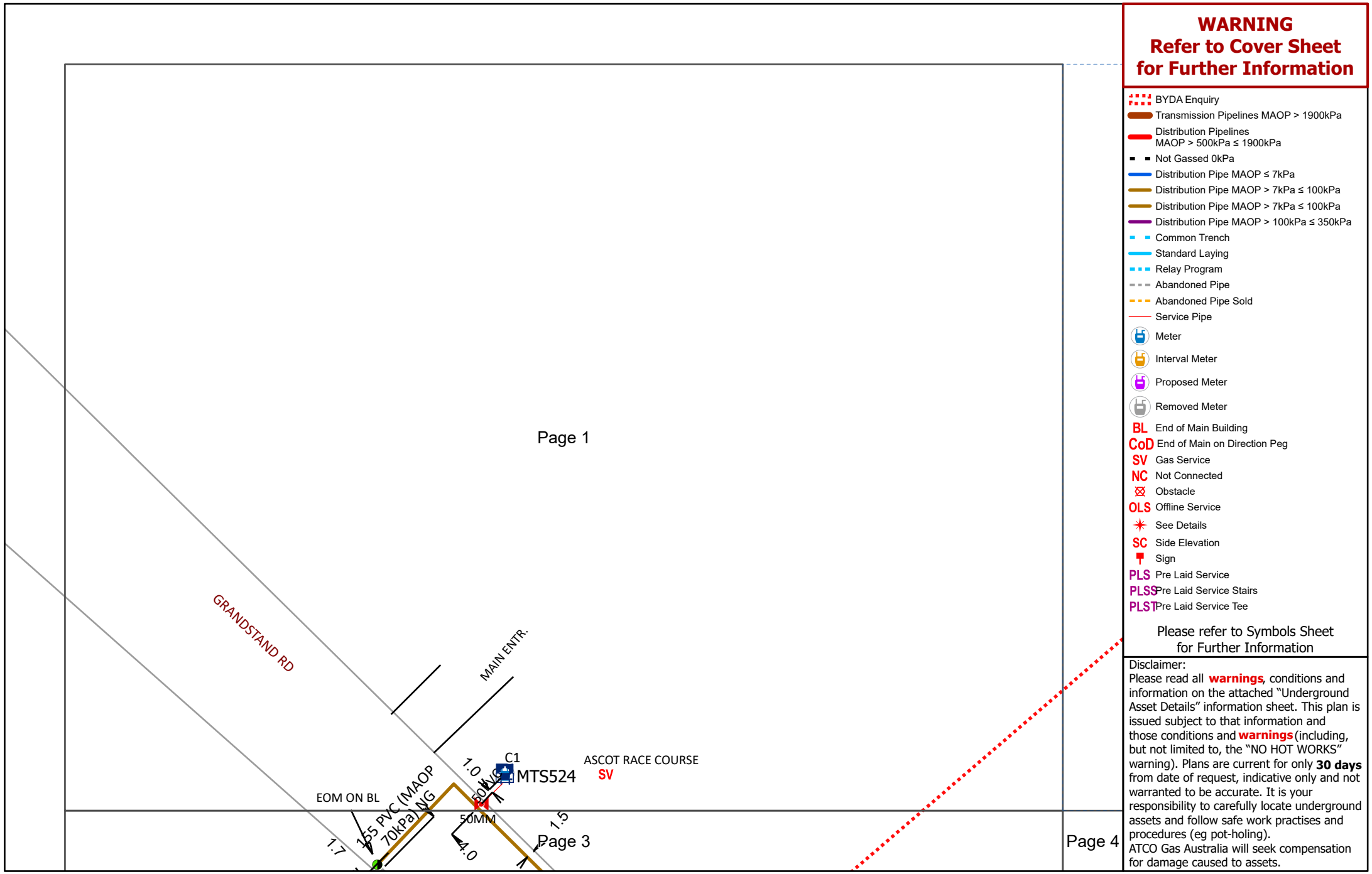
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Seq # 240900614
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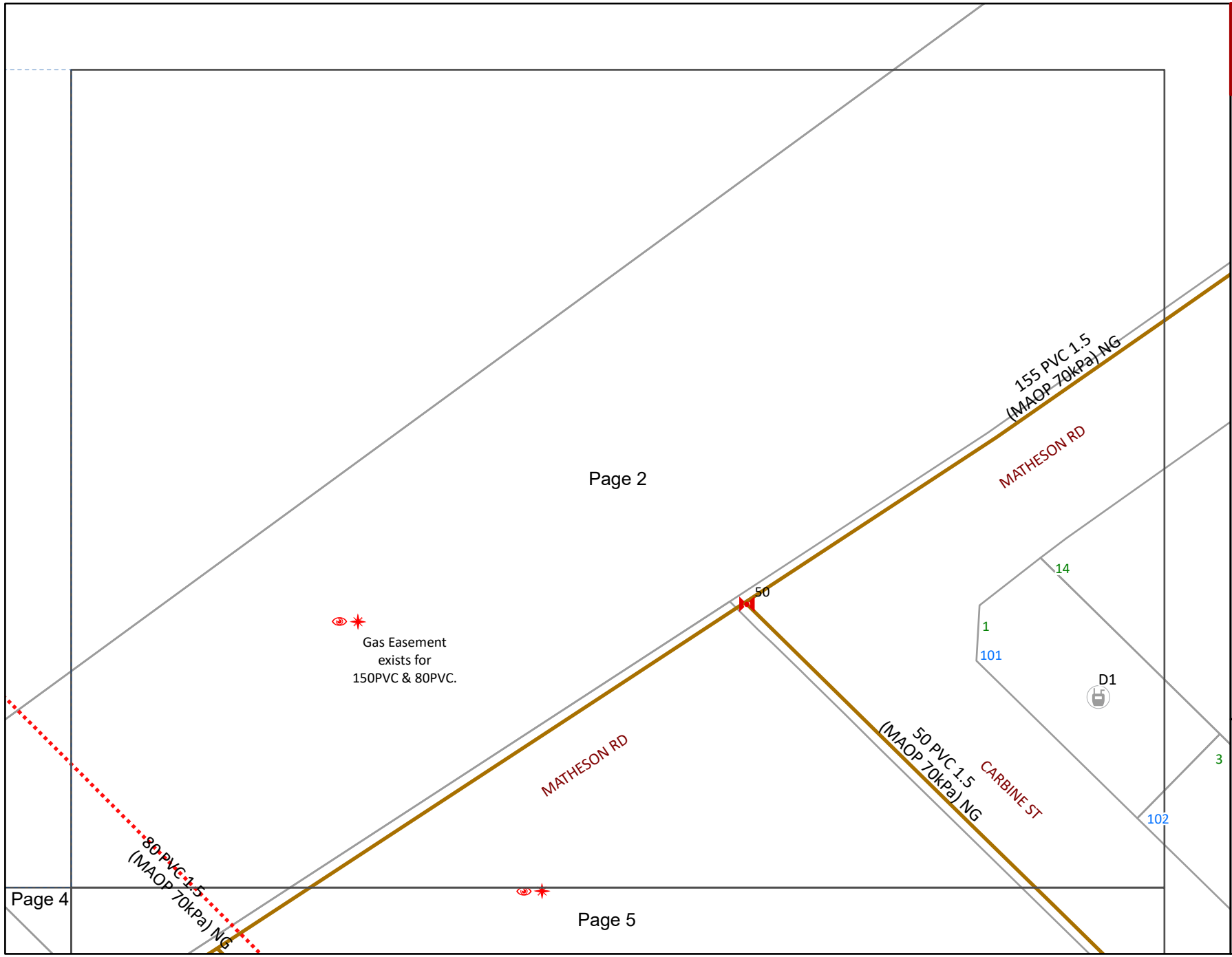
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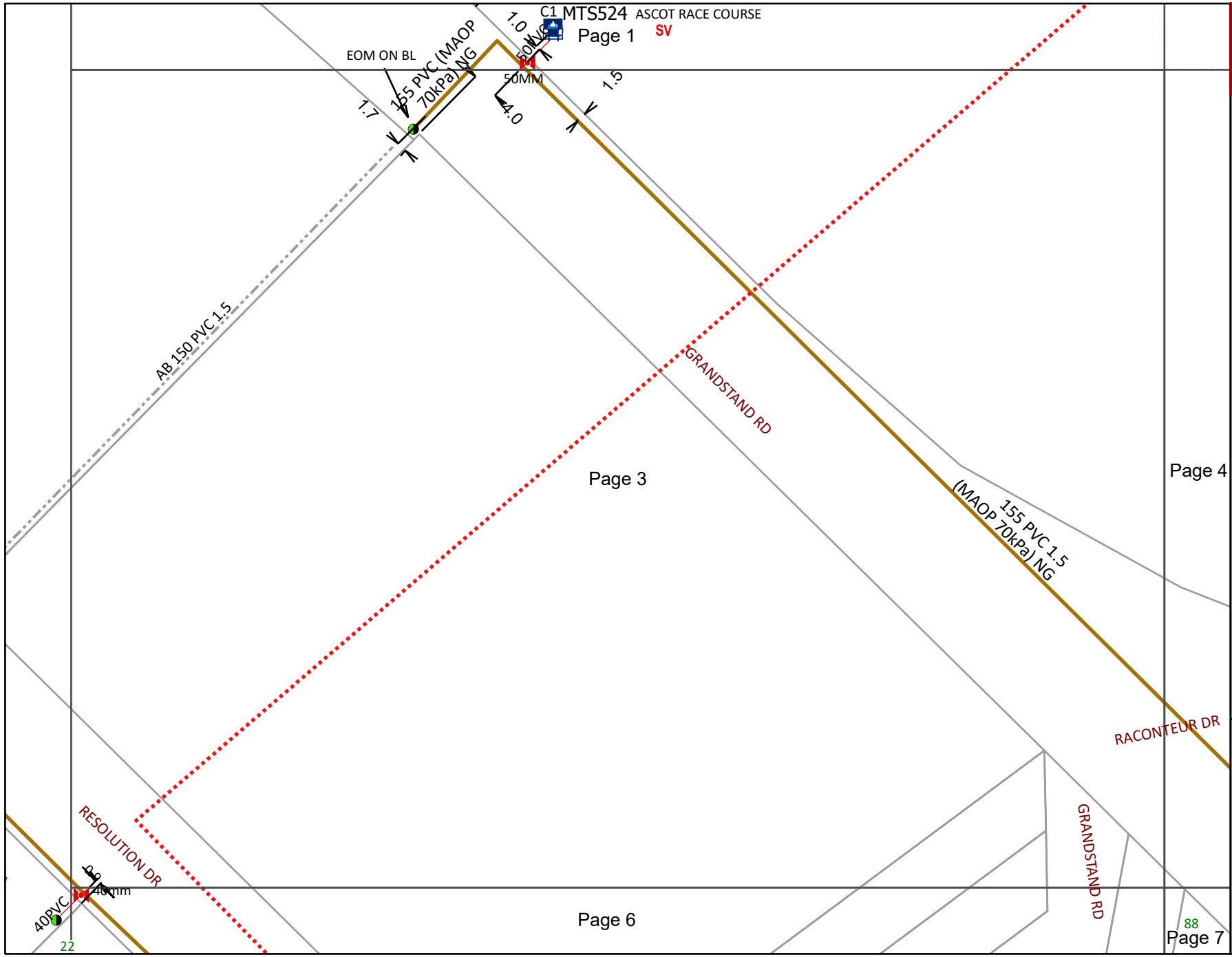
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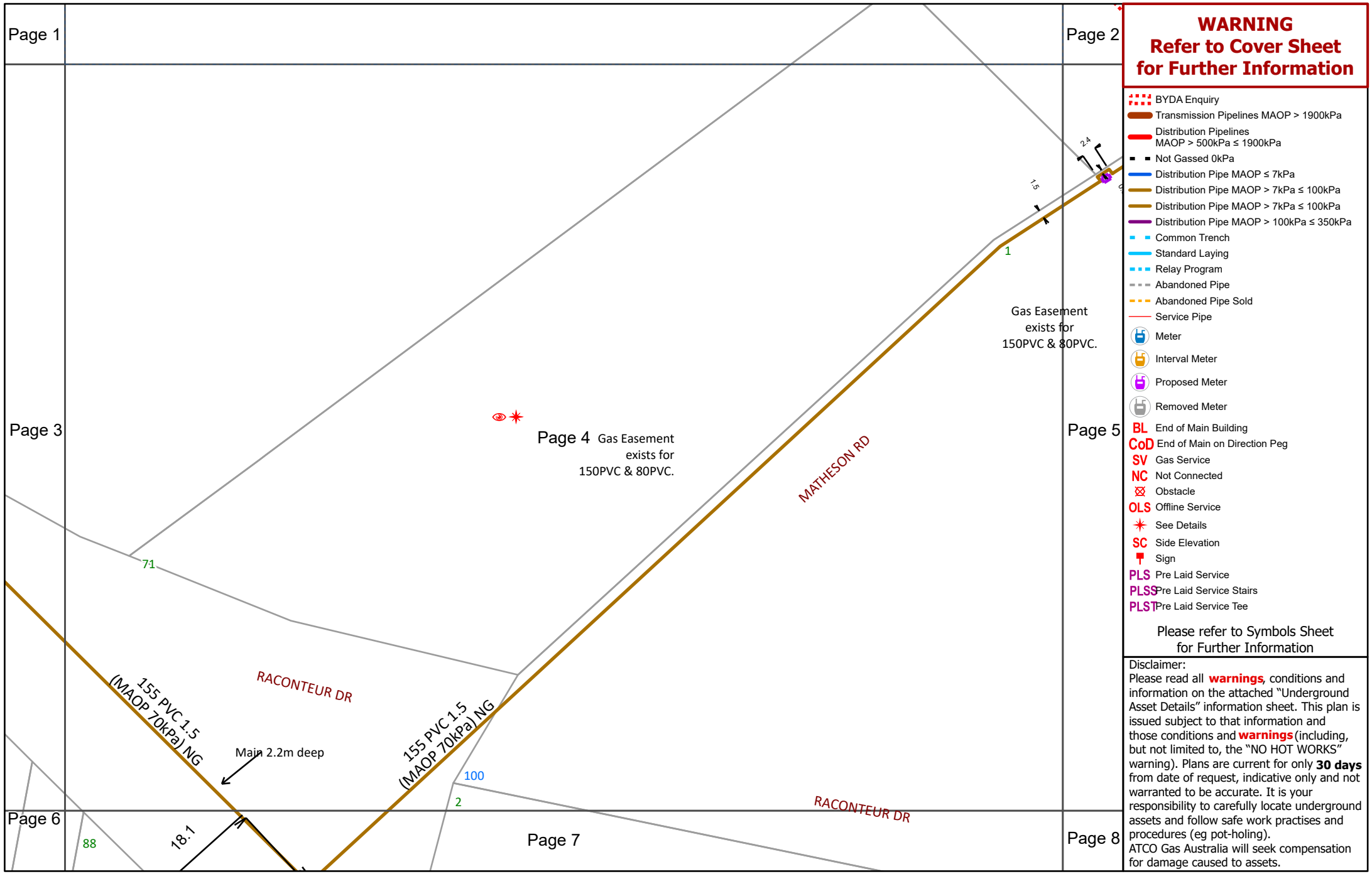
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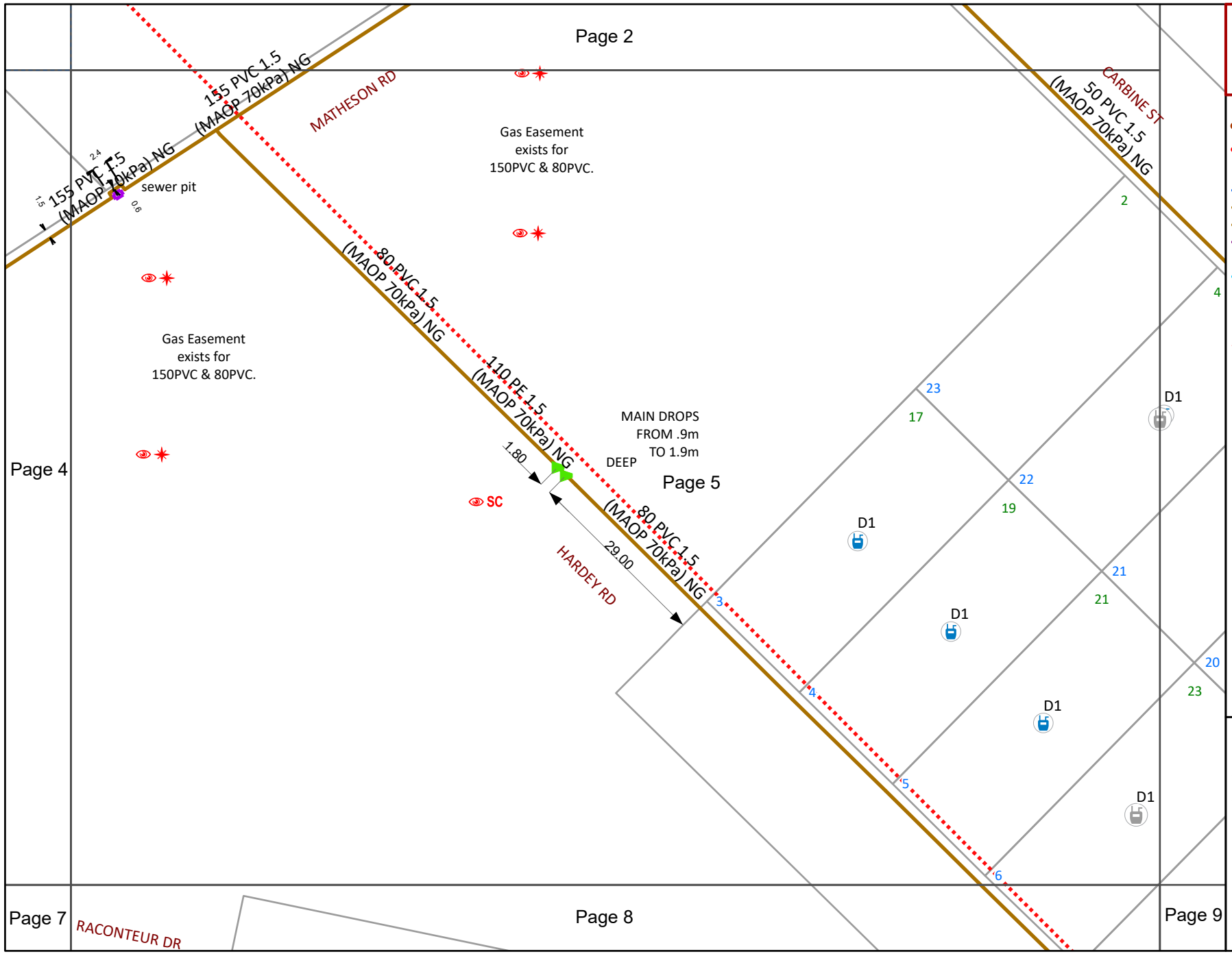
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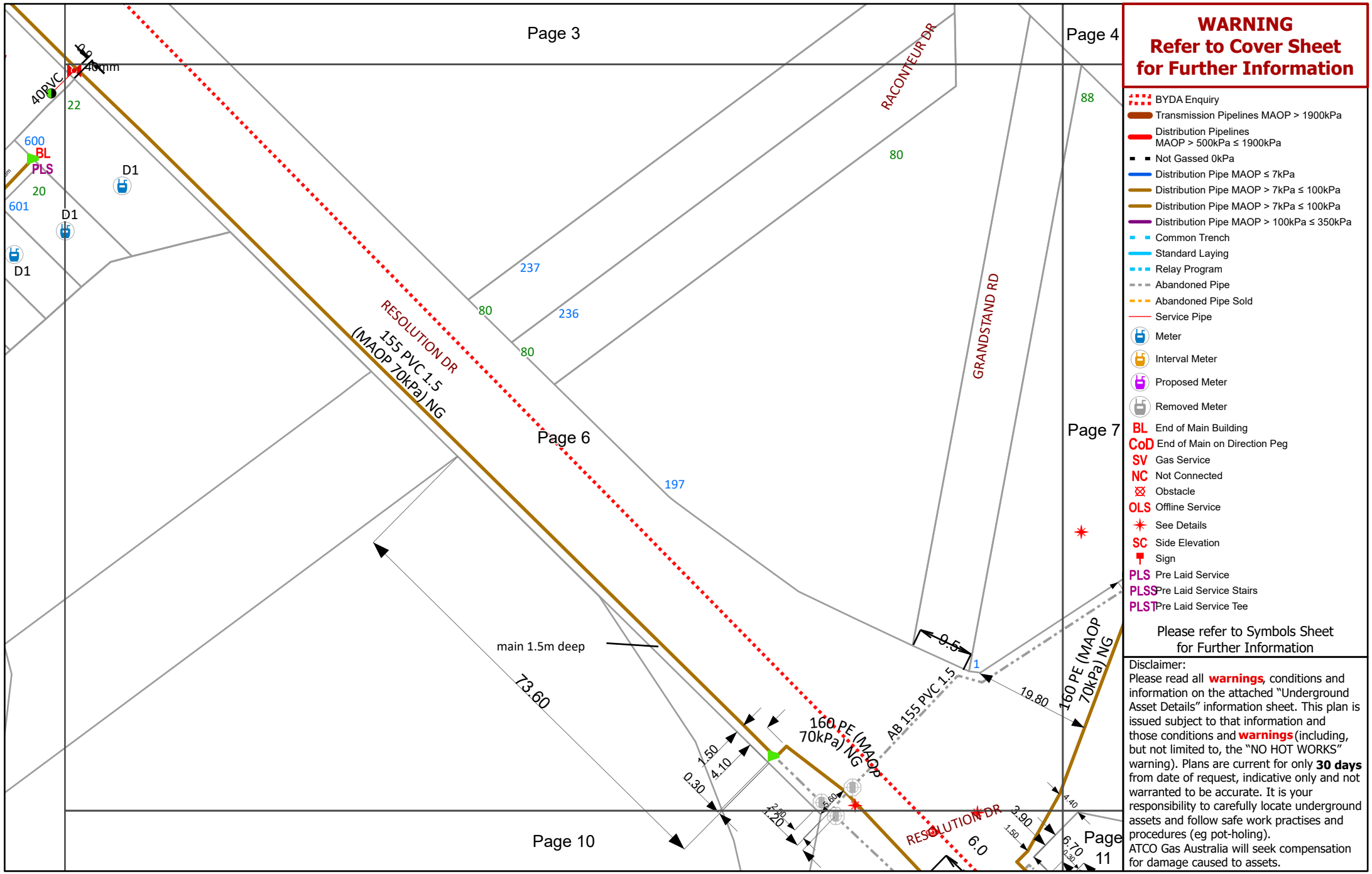
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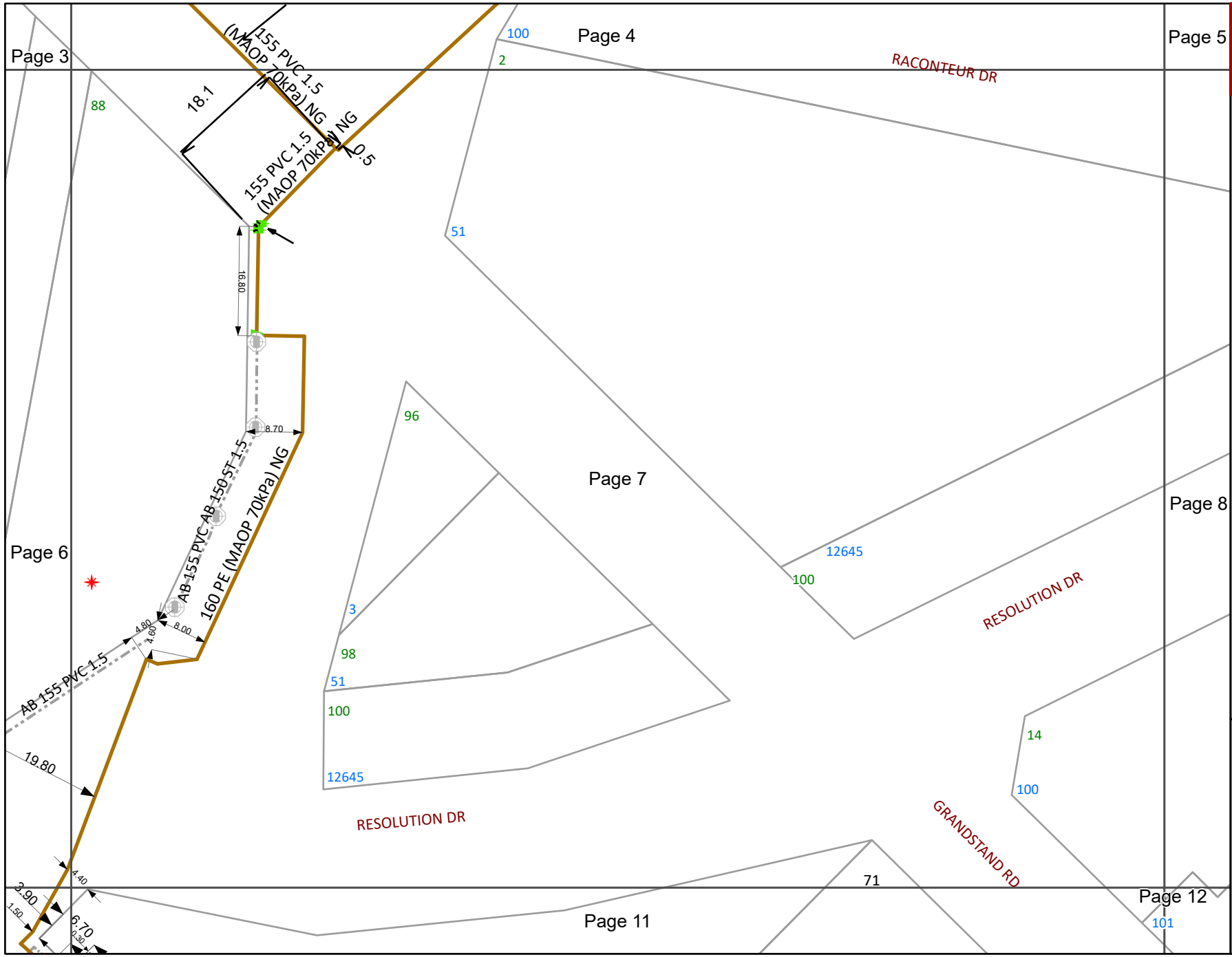
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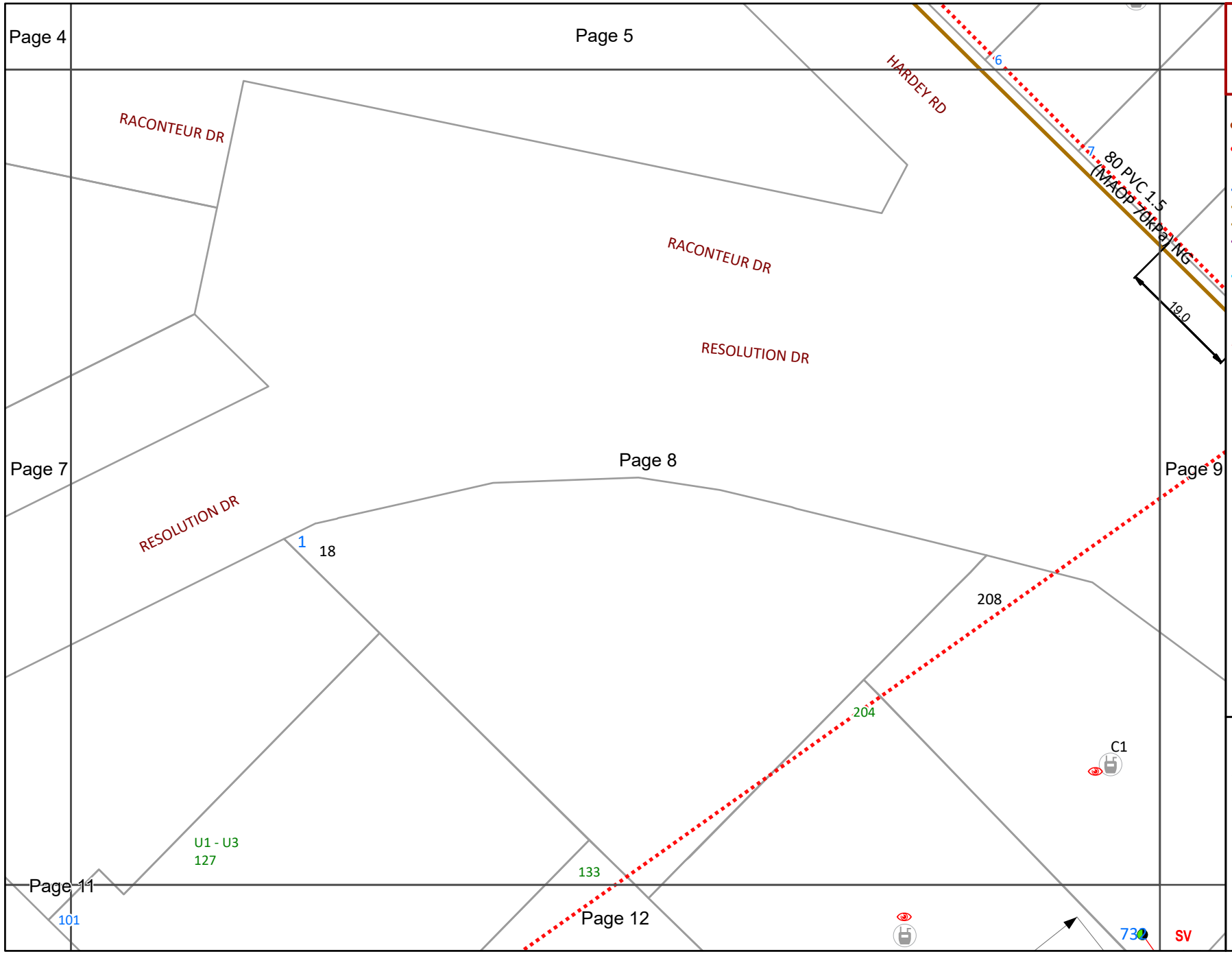
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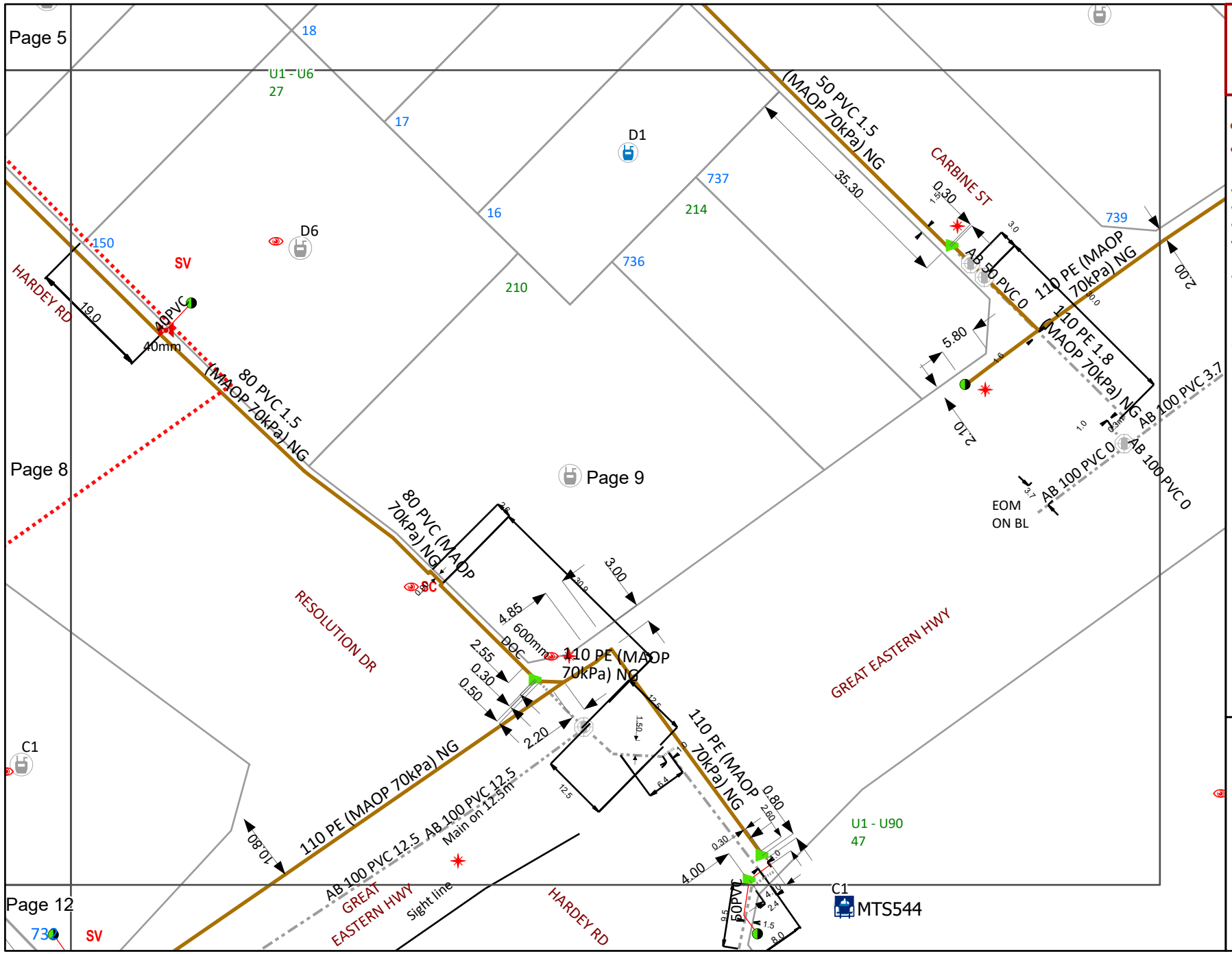
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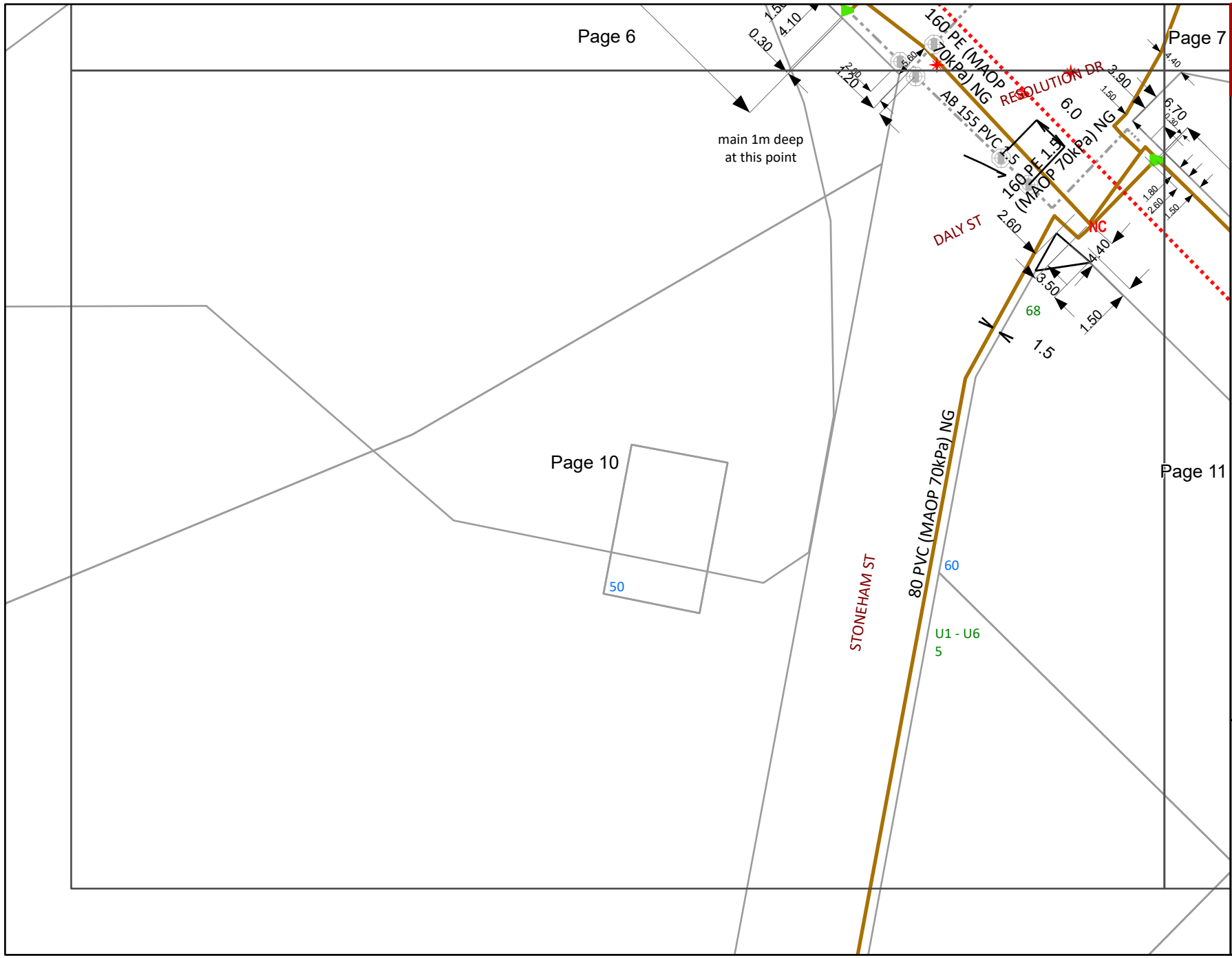
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- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
- Common Trench
- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
- Interval Meter
- Proposed Meter
- Removed Meter
- BL End of Main Building
- CoD End of Main on Direction Peg
- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
- See Details
- SC Side Elevation
- Sign
- PLS Pre Laid Service
- PLSS Pre Laid Service Stairs
- PLST Pre Laid Service Tee

Please refer to Symbols Sheet for Further Information

Disclaimer:
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ATCO Gas Australia will seek compensation for damage caused to assets.

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Plans generated by SmarterWX™ Automate

ATCO

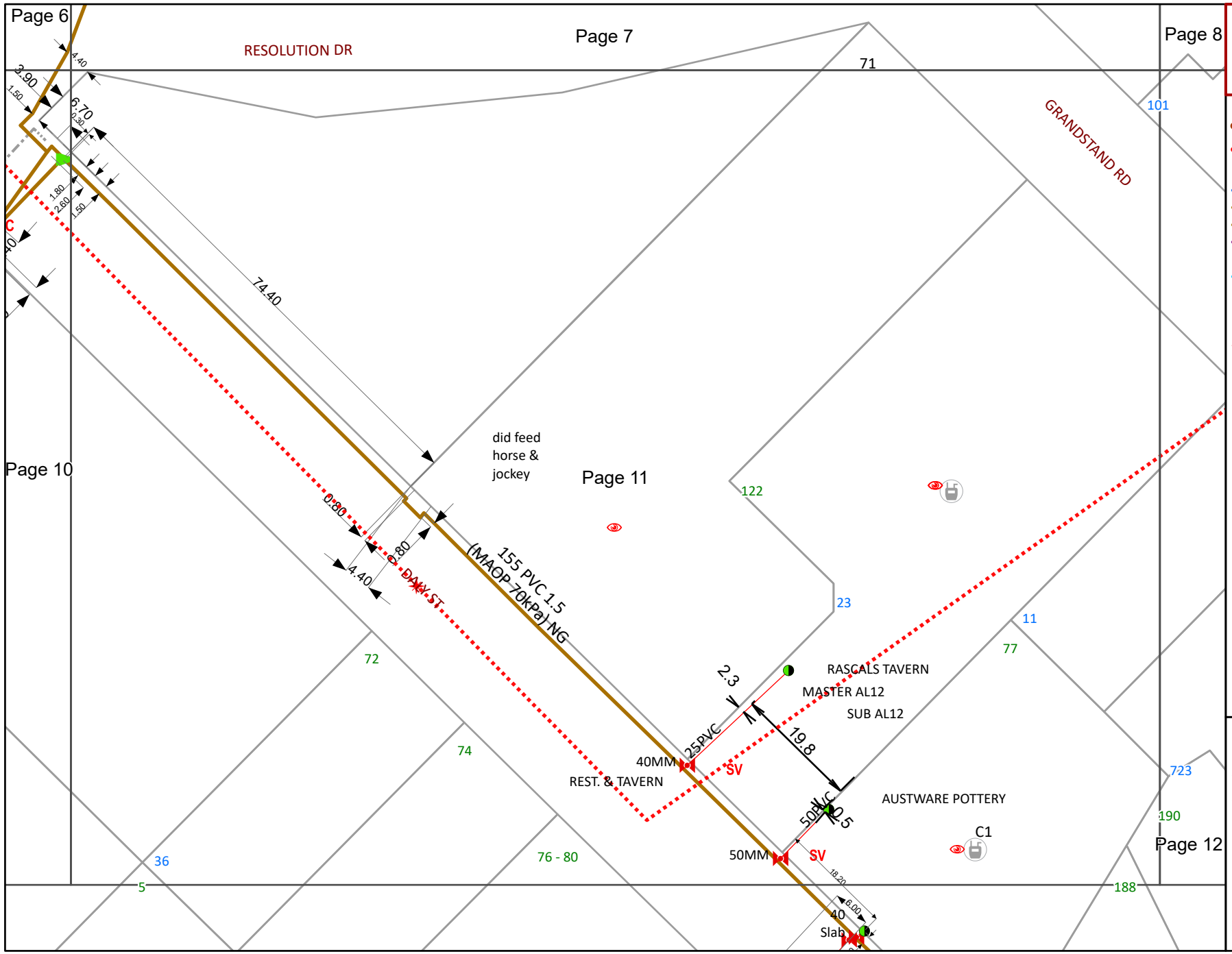
©ATCO Gas Australia Pty Ltd
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900614
Job # 36962243

BYDA Location: 2 Raconteur Drive Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



WARNING
Refer to Cover Sheet for Further Information

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
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Plans generated by SmarterWX™ Automate

ATCO

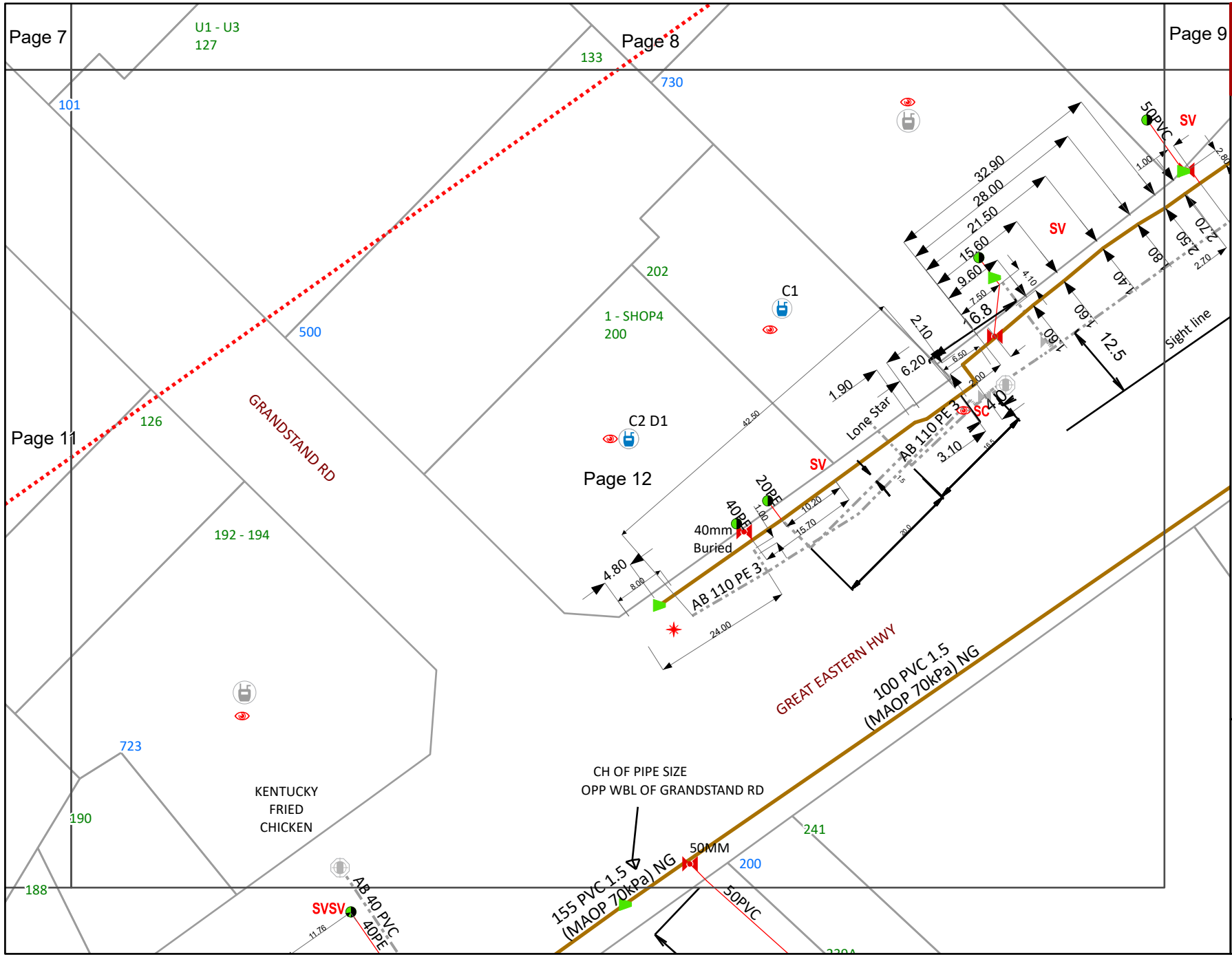
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900614
Job # 36962243

BYDA Location: 2 Raconteur Drive Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



WARNING
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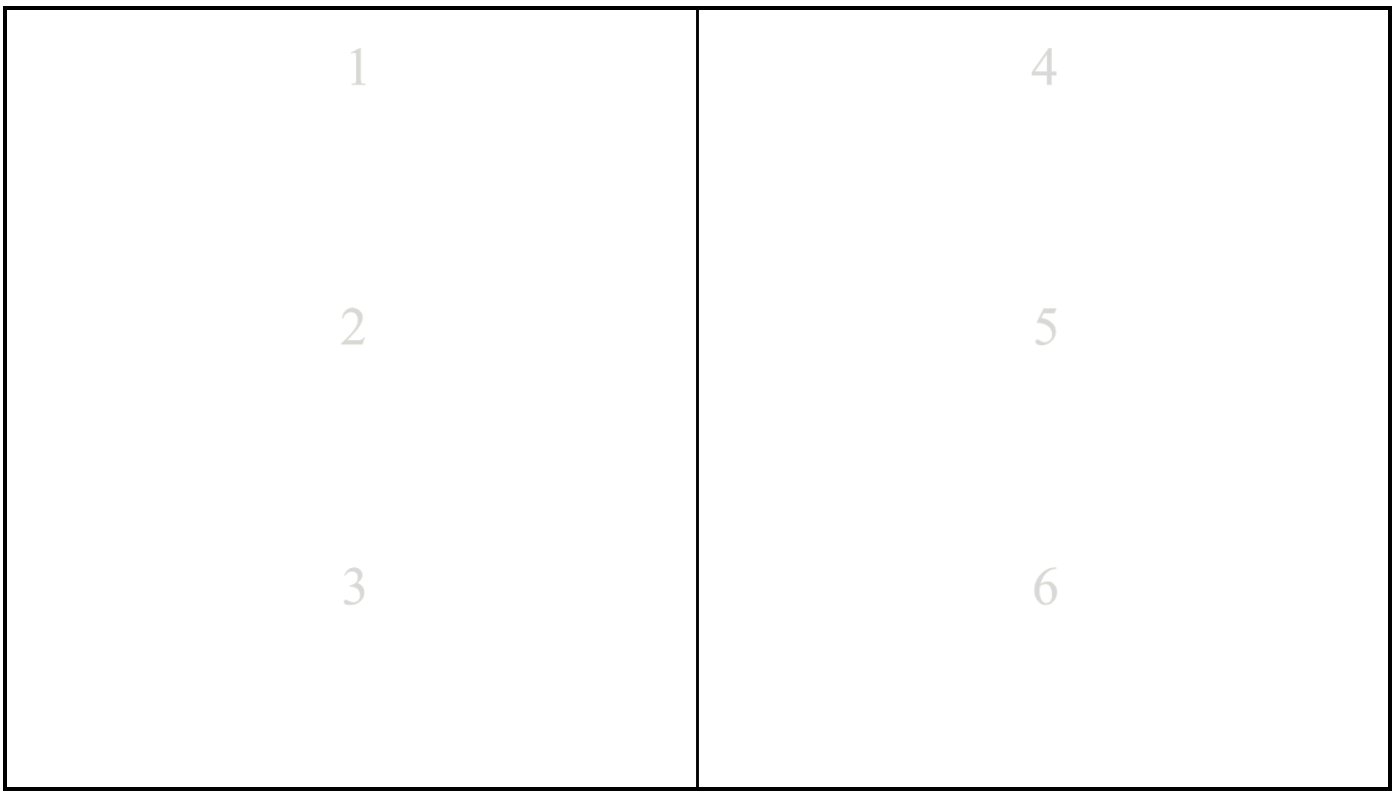
Plans generated by SmarterWX™ Automate

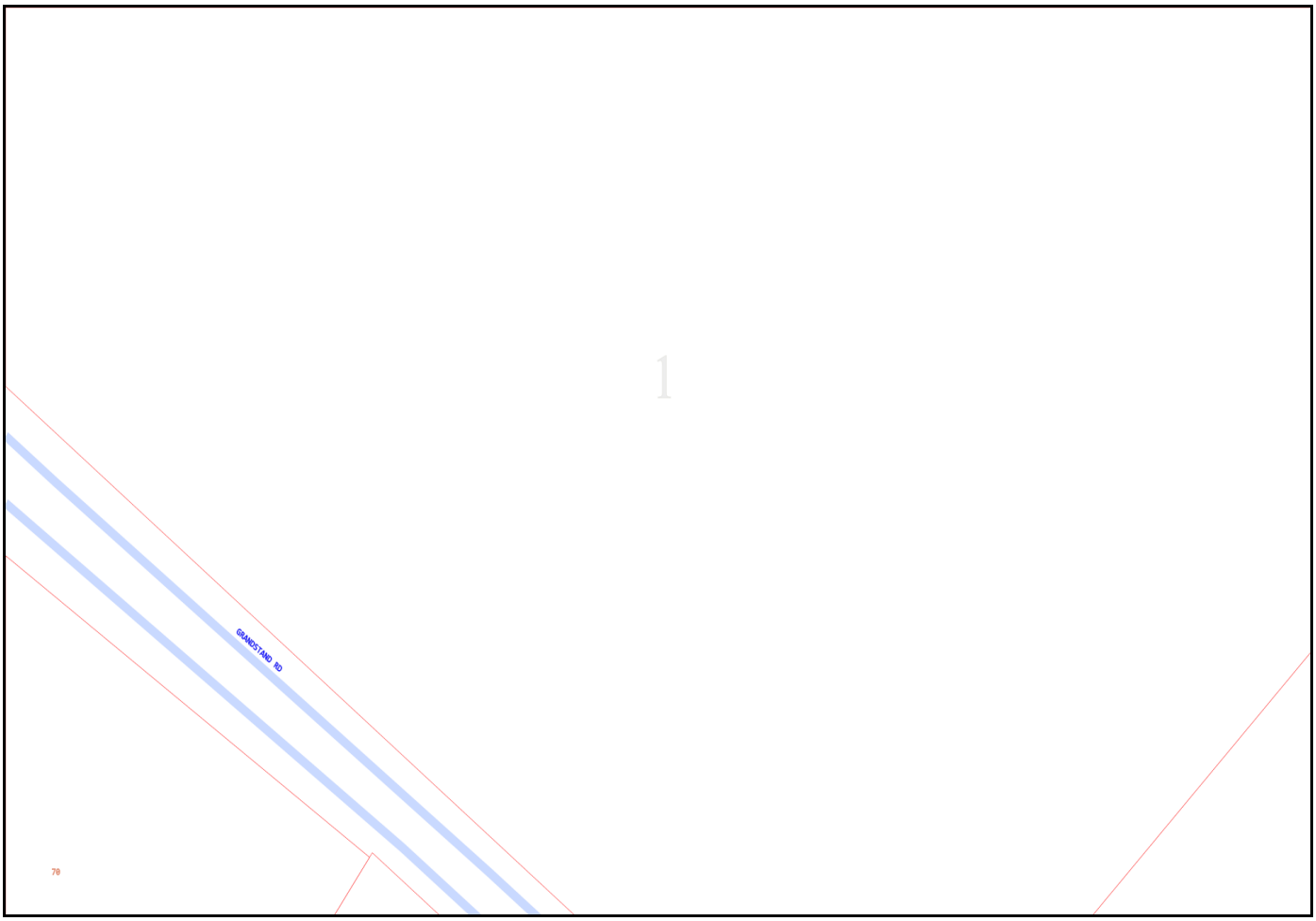
To:	Justin Zielinski
Phone:	Not Supplied
Fax:	Not Supplied
Email:	jzielinski@tabec.com.au

Dial before you dig Job #:	36962243
Sequence #	240900610
Issue Date:	21/06/2024
Location:	2 Raconteur Drive , Ascot , WA , 6104

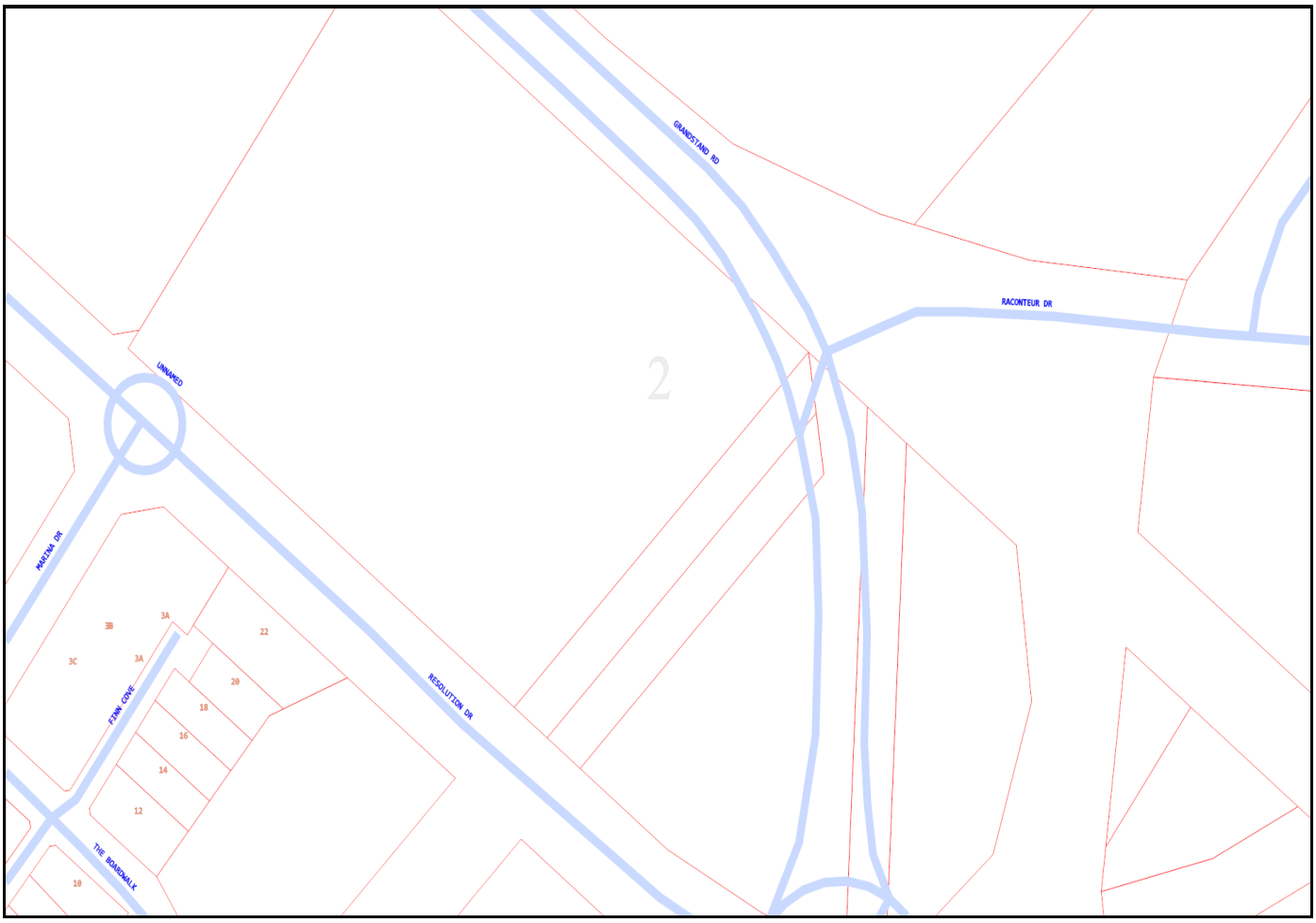
BEFORE YOU DIG www.byda.com.au Zero Damage - Zero Harm

Indicative Plans are tiled below to demonstrate how to layout and read nbn asset plans

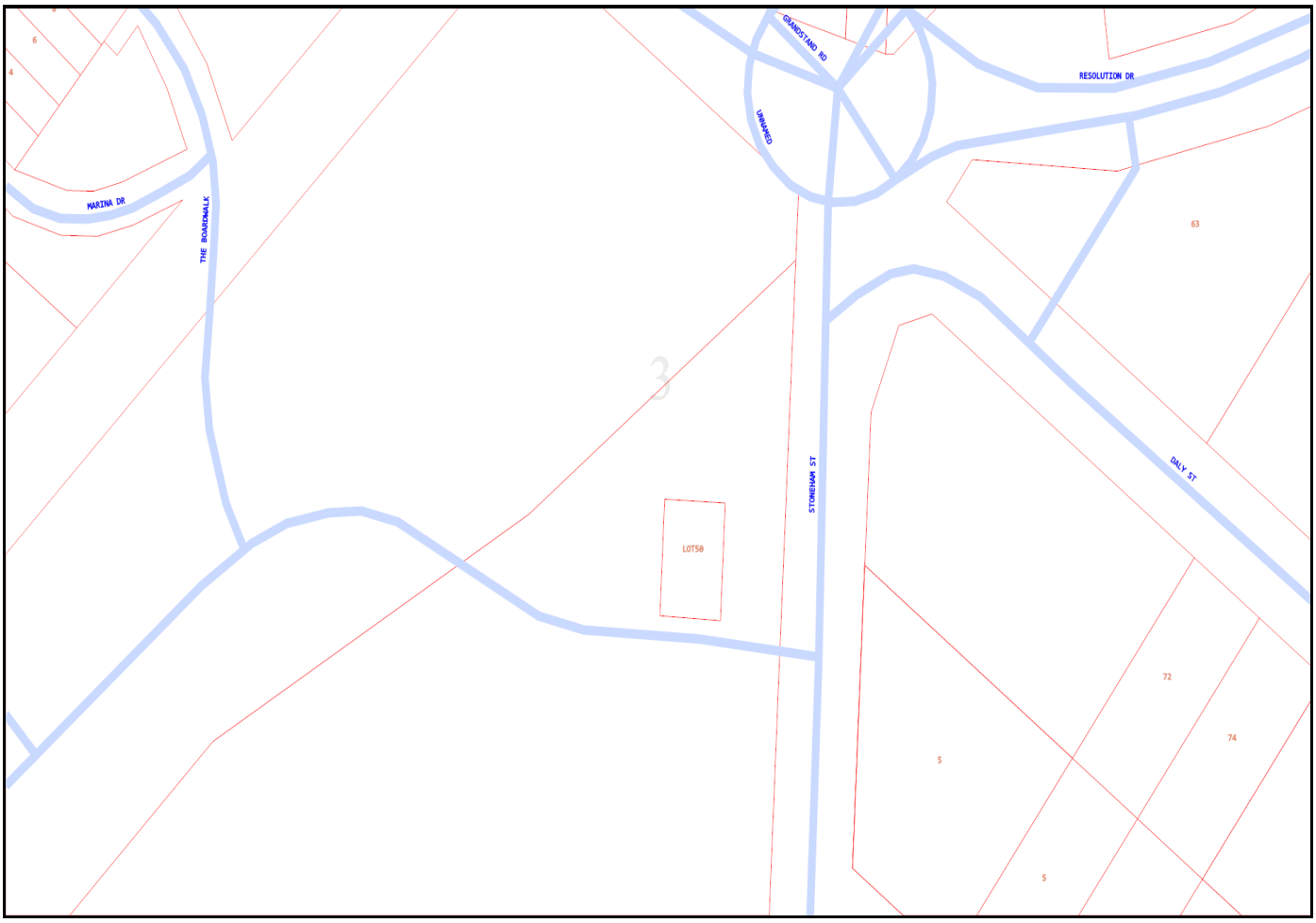




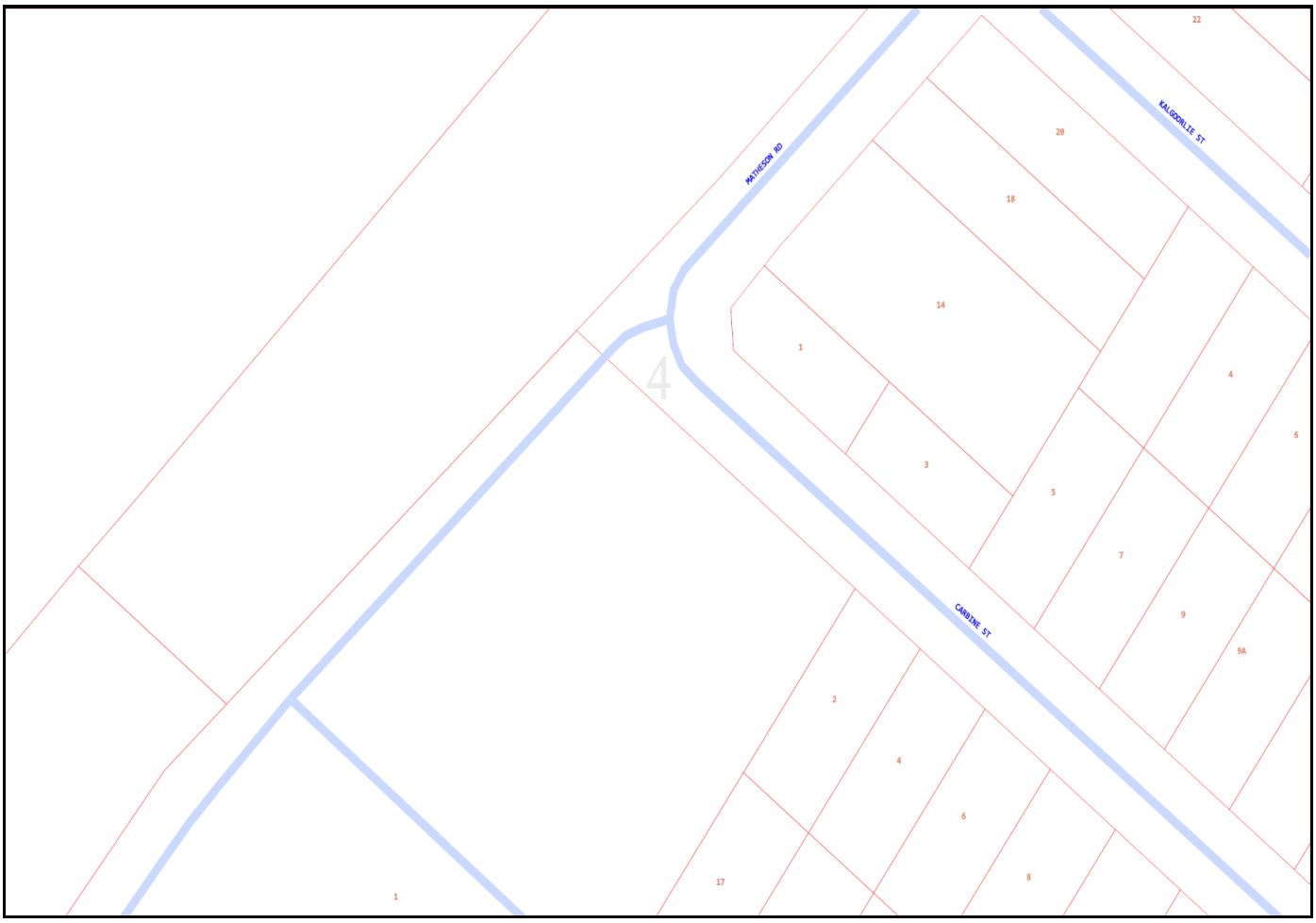
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Version: 1, Version Date: 18/09/2024



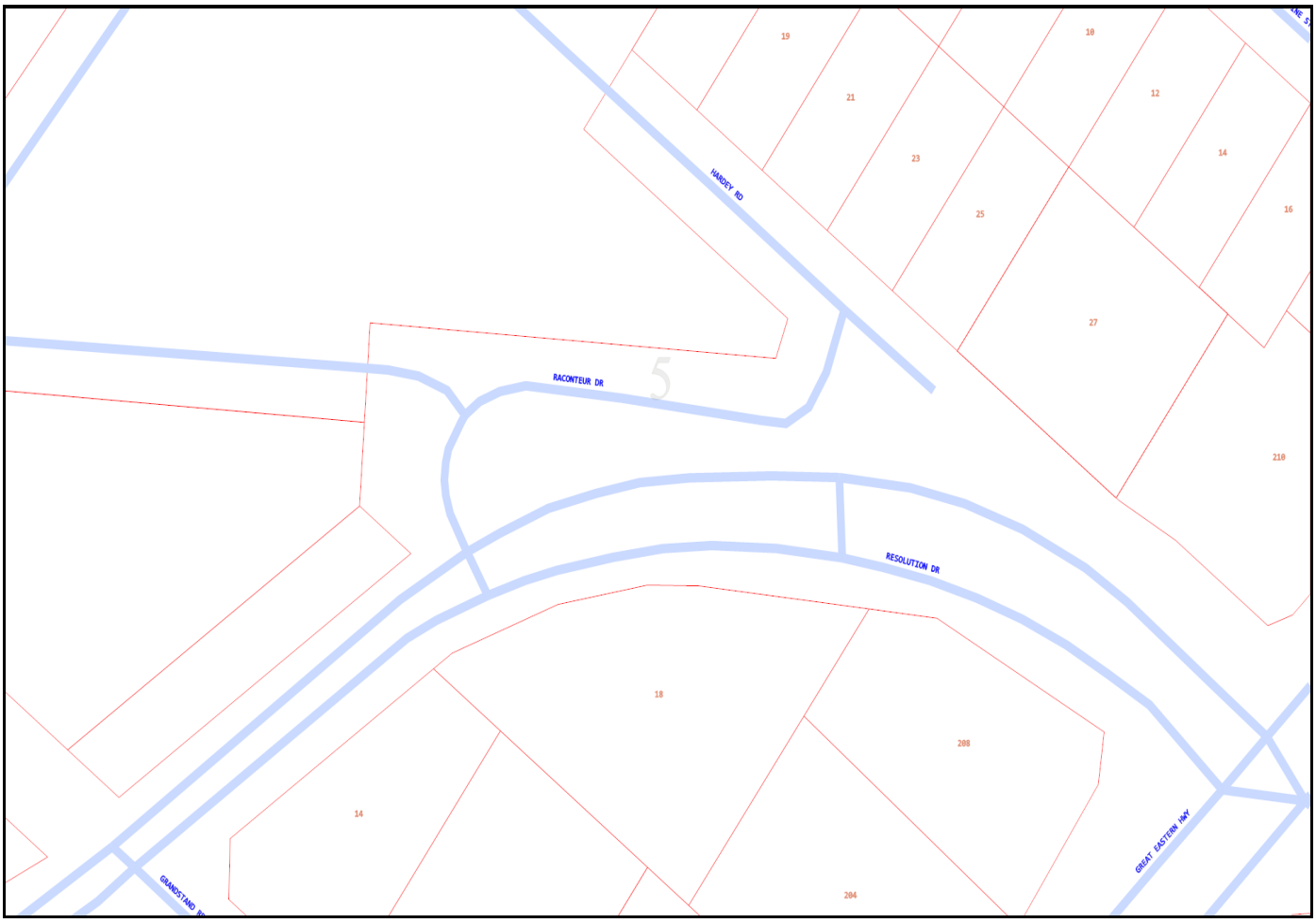
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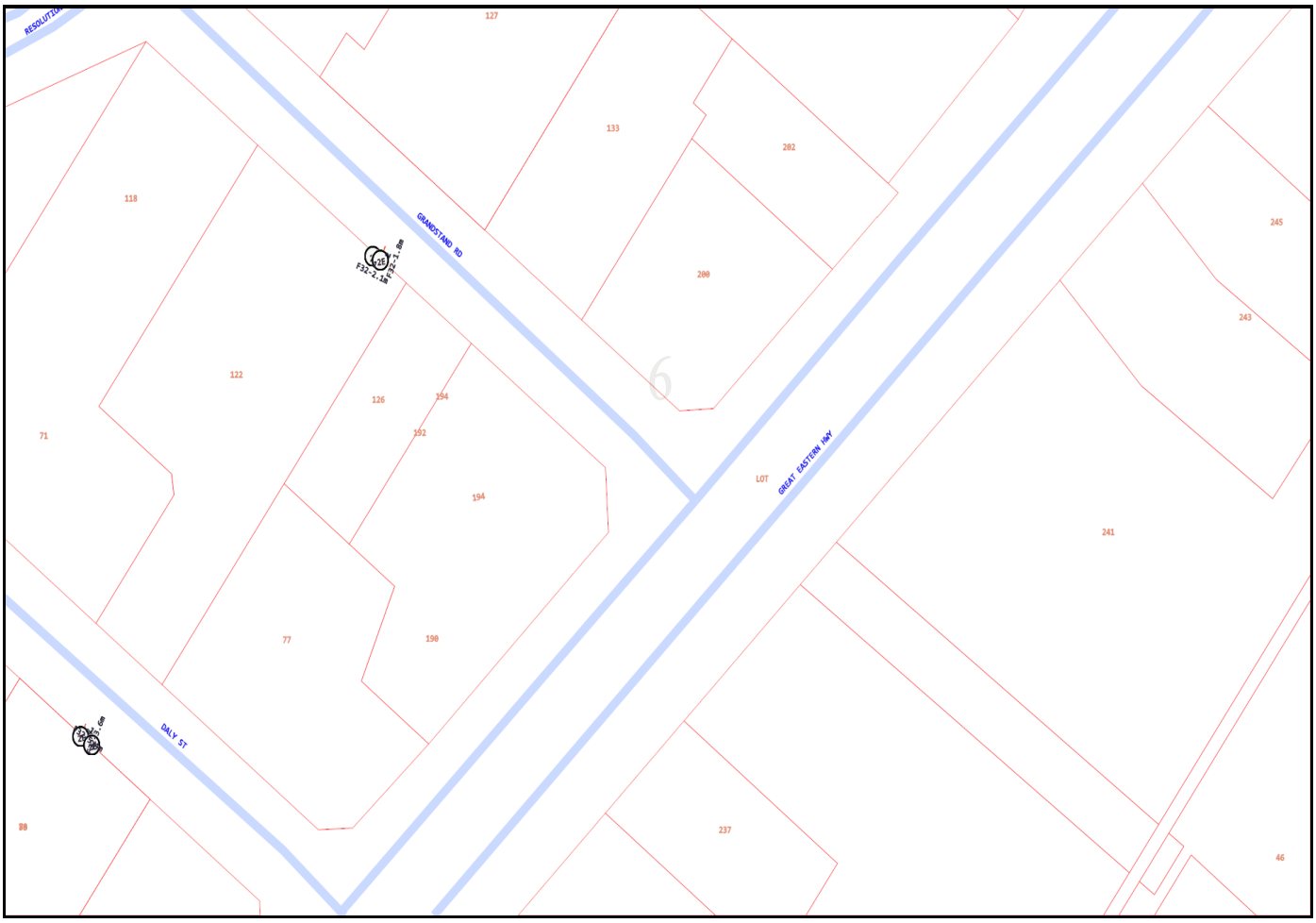
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Version: 1, Version Date: 18/09/2024



Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Emergency Contacts

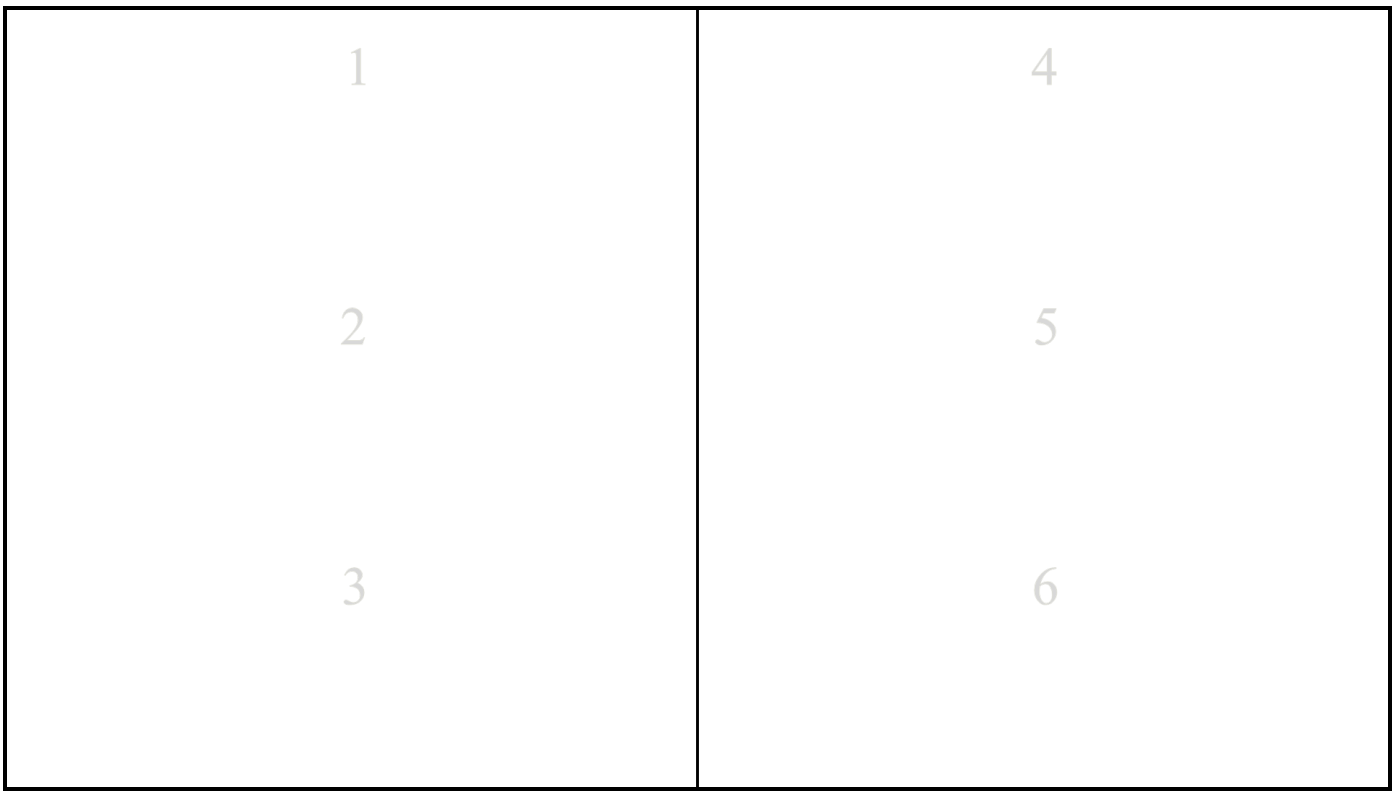
You must immediately report any damage to the **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.

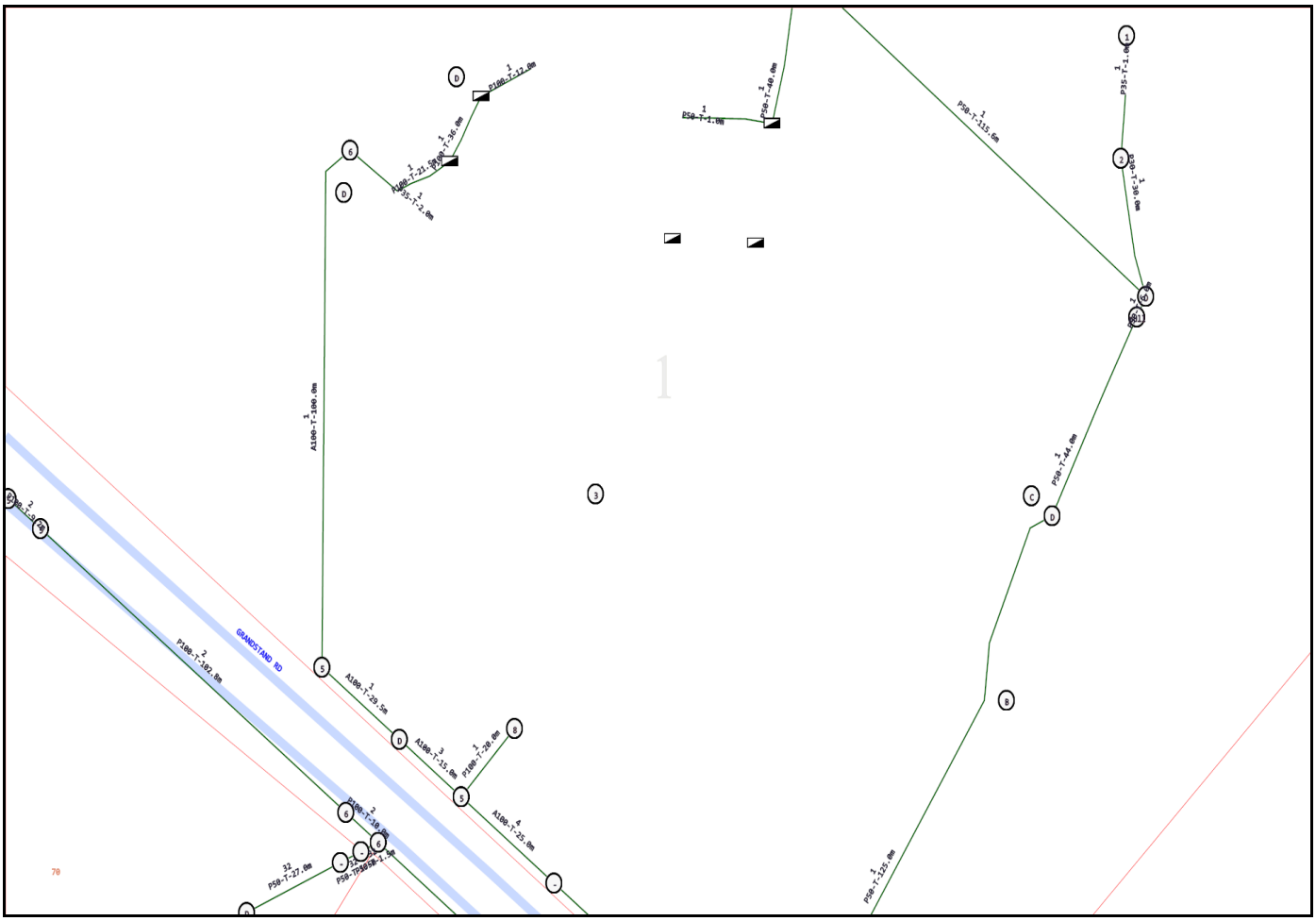
To:	Justin Zielinski
Phone:	Not Supplied
Fax:	Not Supplied
Email:	jzielinski@tabec.com.au

Dial before you dig Job #:	36962243
Sequence #	240900610
Issue Date:	21/06/2024
Location:	2 Raconteur Drive , Ascot , WA , 6104

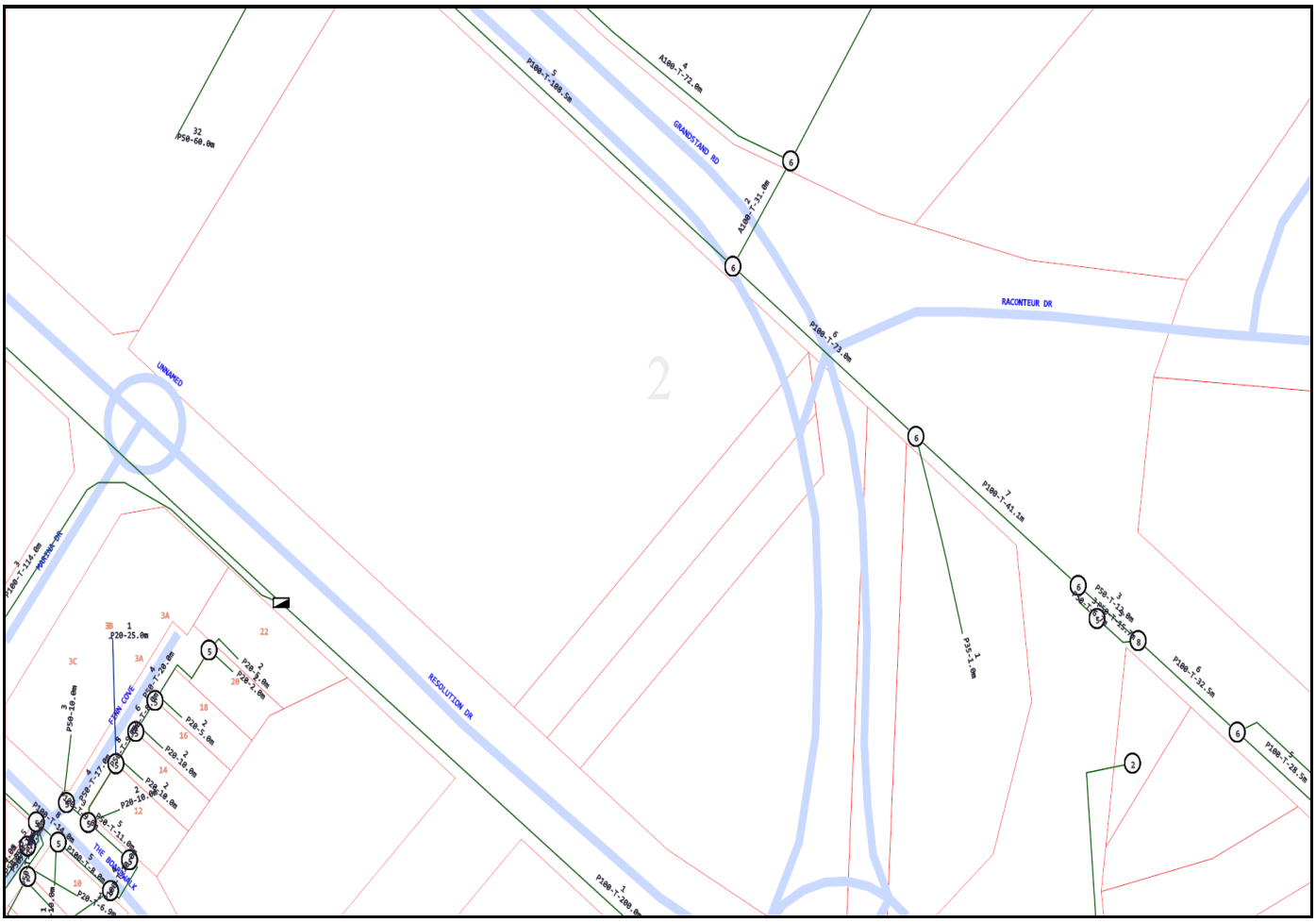
BEFORE YOU DIG www.byda.com.au Zero Damage - Zero Harm

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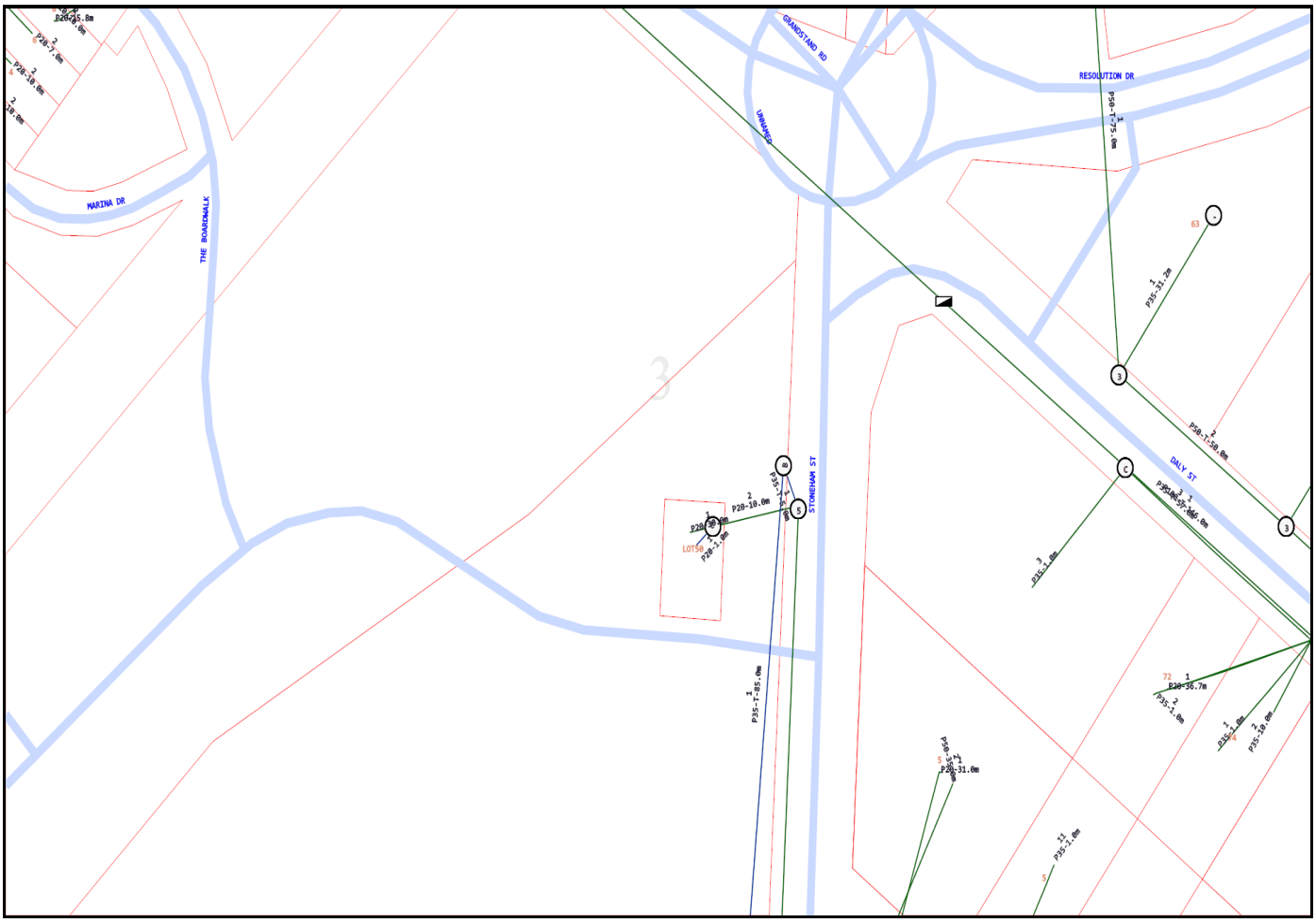




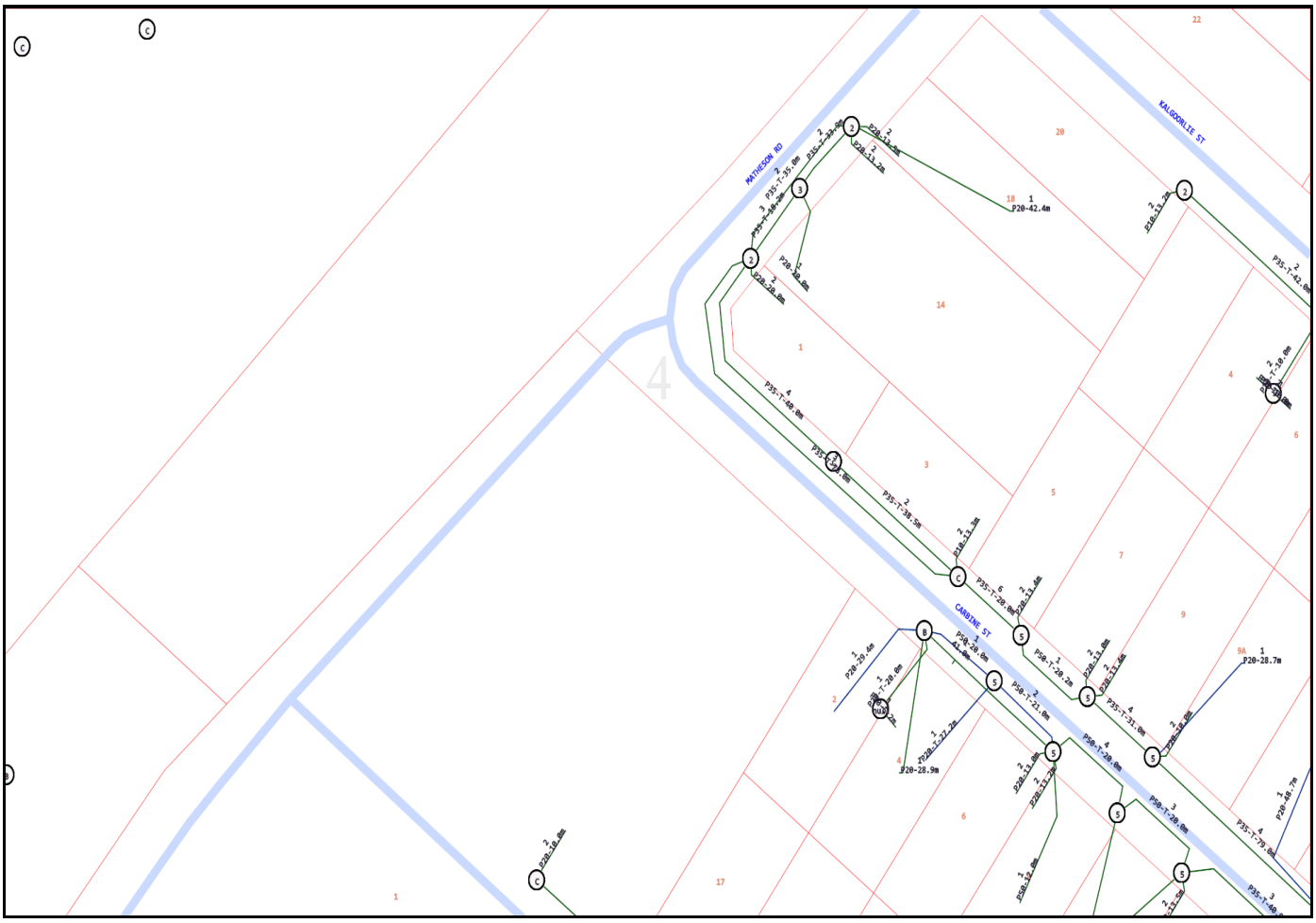
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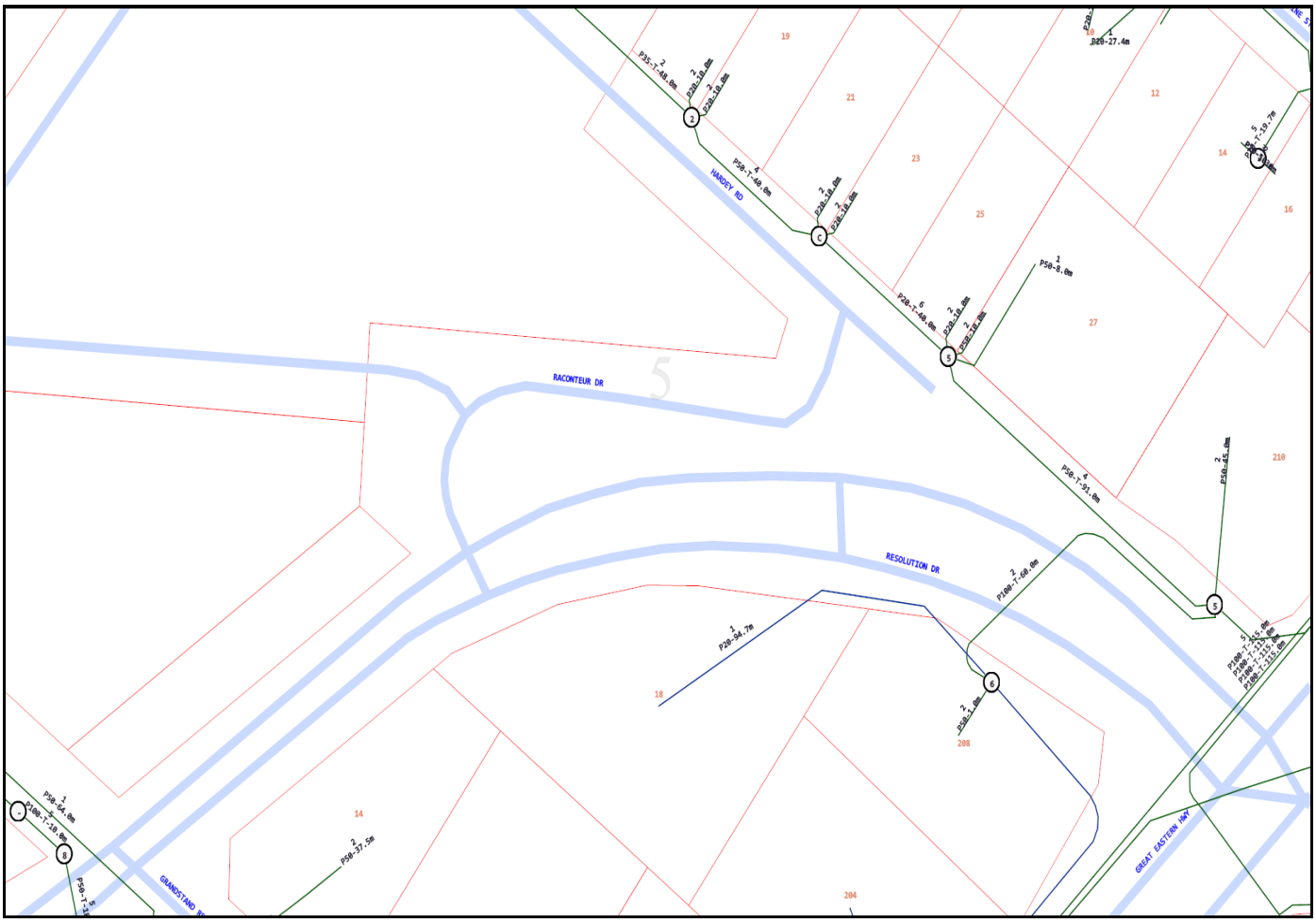
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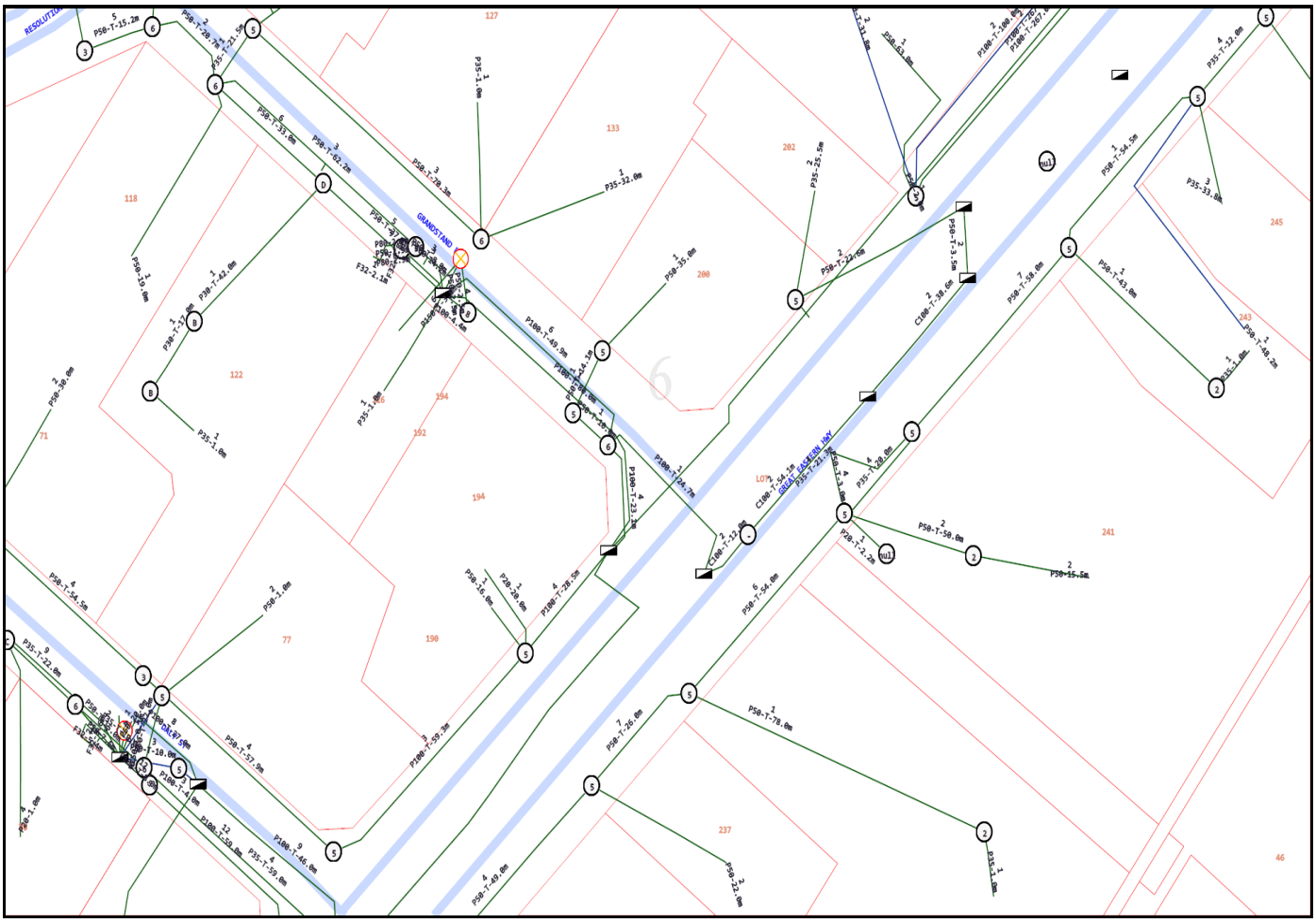
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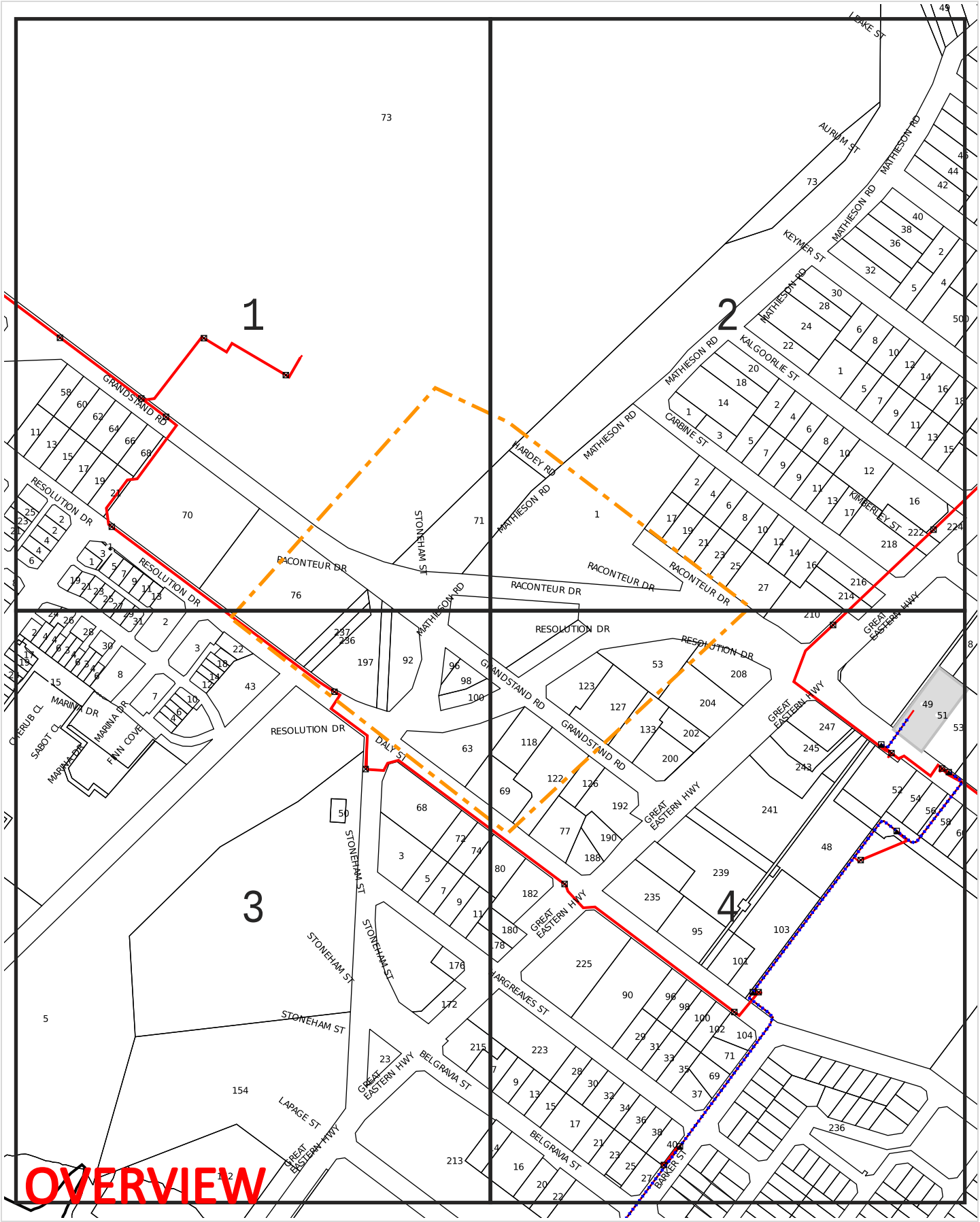


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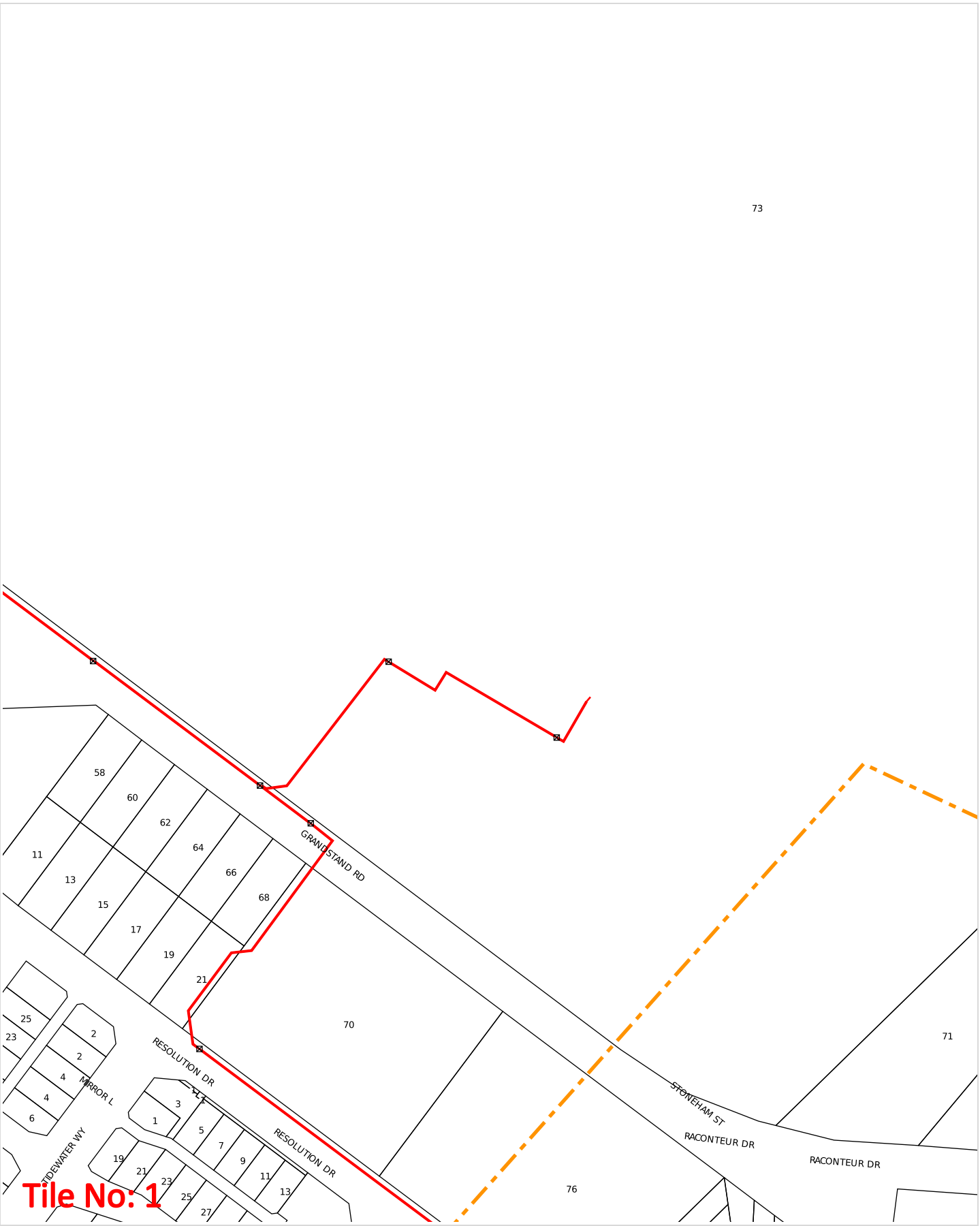


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Sequence Number: 240900607

Date Generated: 21 Jun 2024

For all Optus DBYD plan enquiries –
Email: Fibre.Locations@optus.net.au
For urgent onsite assistance contact 1800 505 777
Optus Limited ACN 052 833 208



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DIAL BEFORE YOU DIG www.1100.com.au

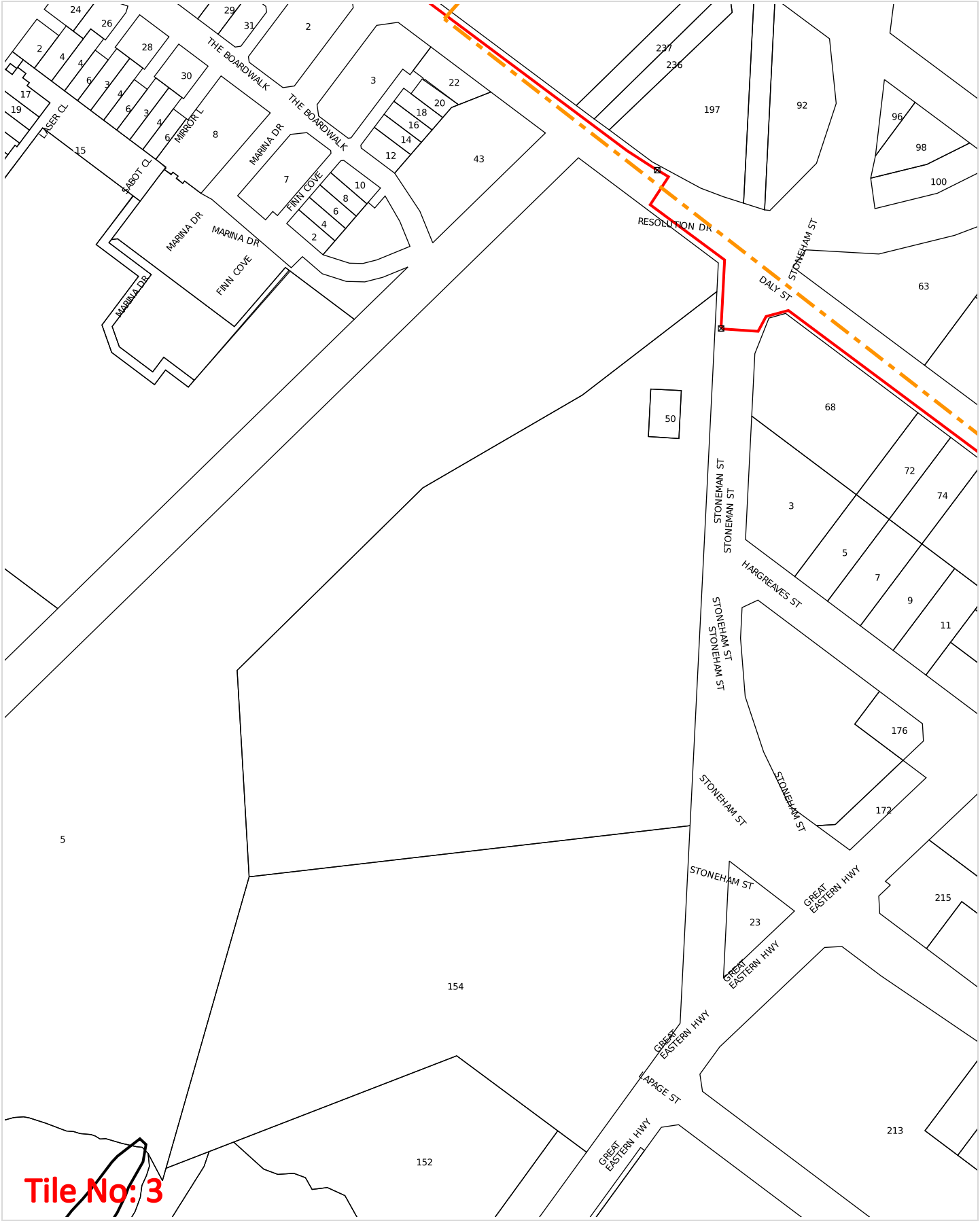


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Tile No: 4

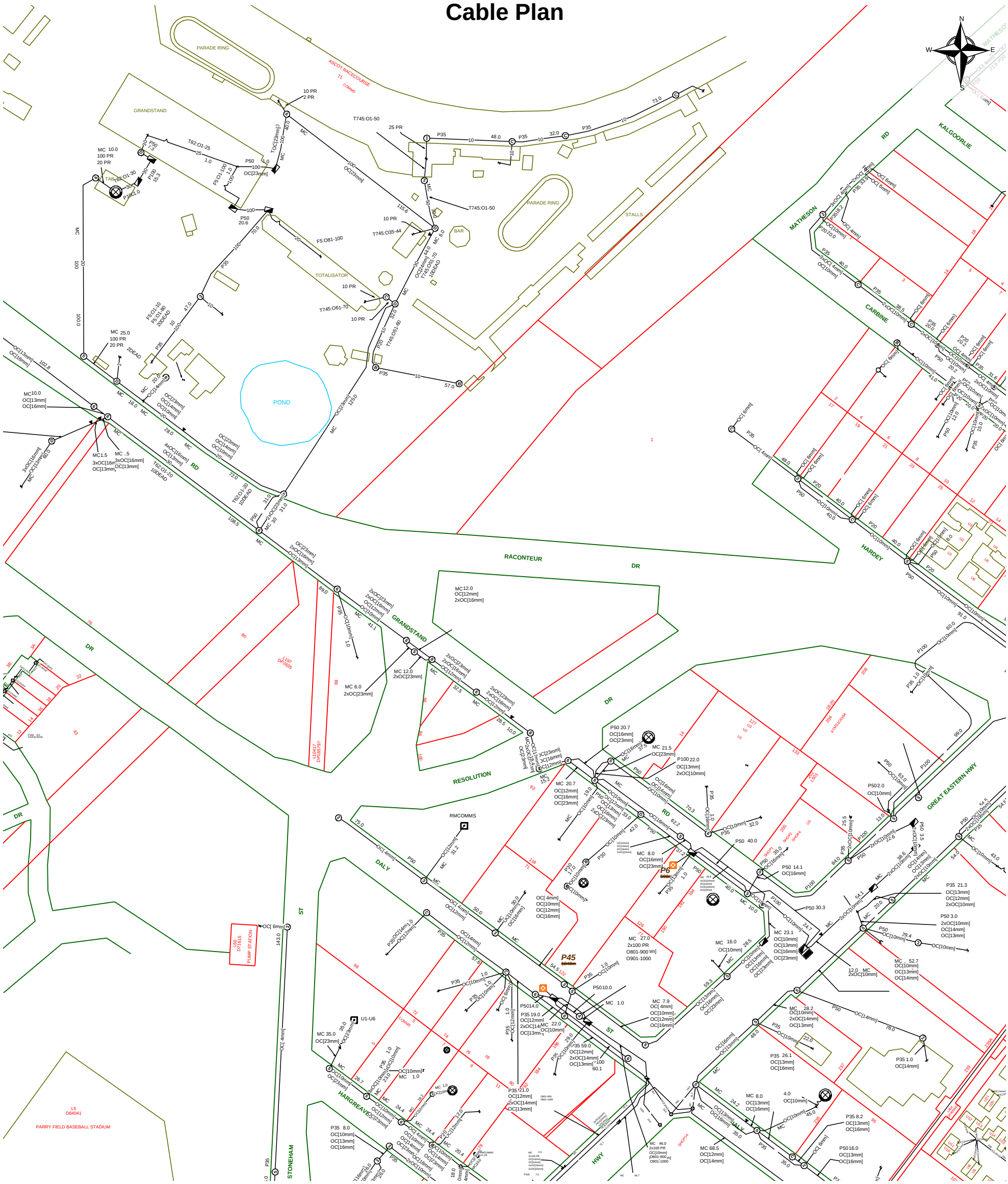
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Date Generated: 21 Jun 2024

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For urgent onsite assistance contact 1800 505 777
Optus Limited ACN 052 833 208

Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment
Ph - 13 22 03
Email - Telstra.Plans@team.telstra.com
Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries

TELSTRA LIMITED A.C.N. 086 174 781

Generated On 21/06/2024 19:05:39

Sequence Number: 240900612

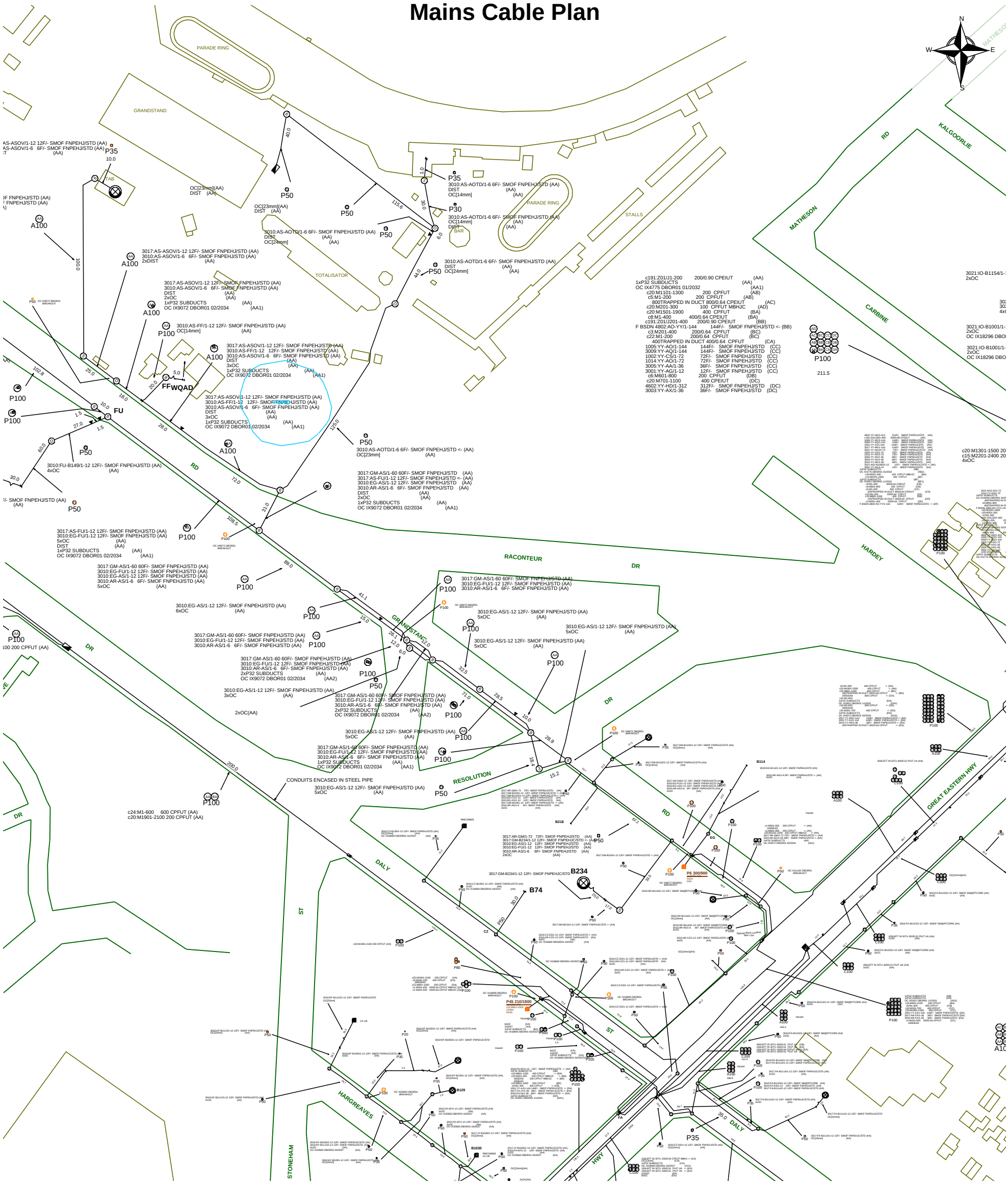
CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

WARNING
Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.
As such,Telstra supplied location information is indicative only.Spatial accuracy is not applicable to Quality Level D.
Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.
Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.
Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.
A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.

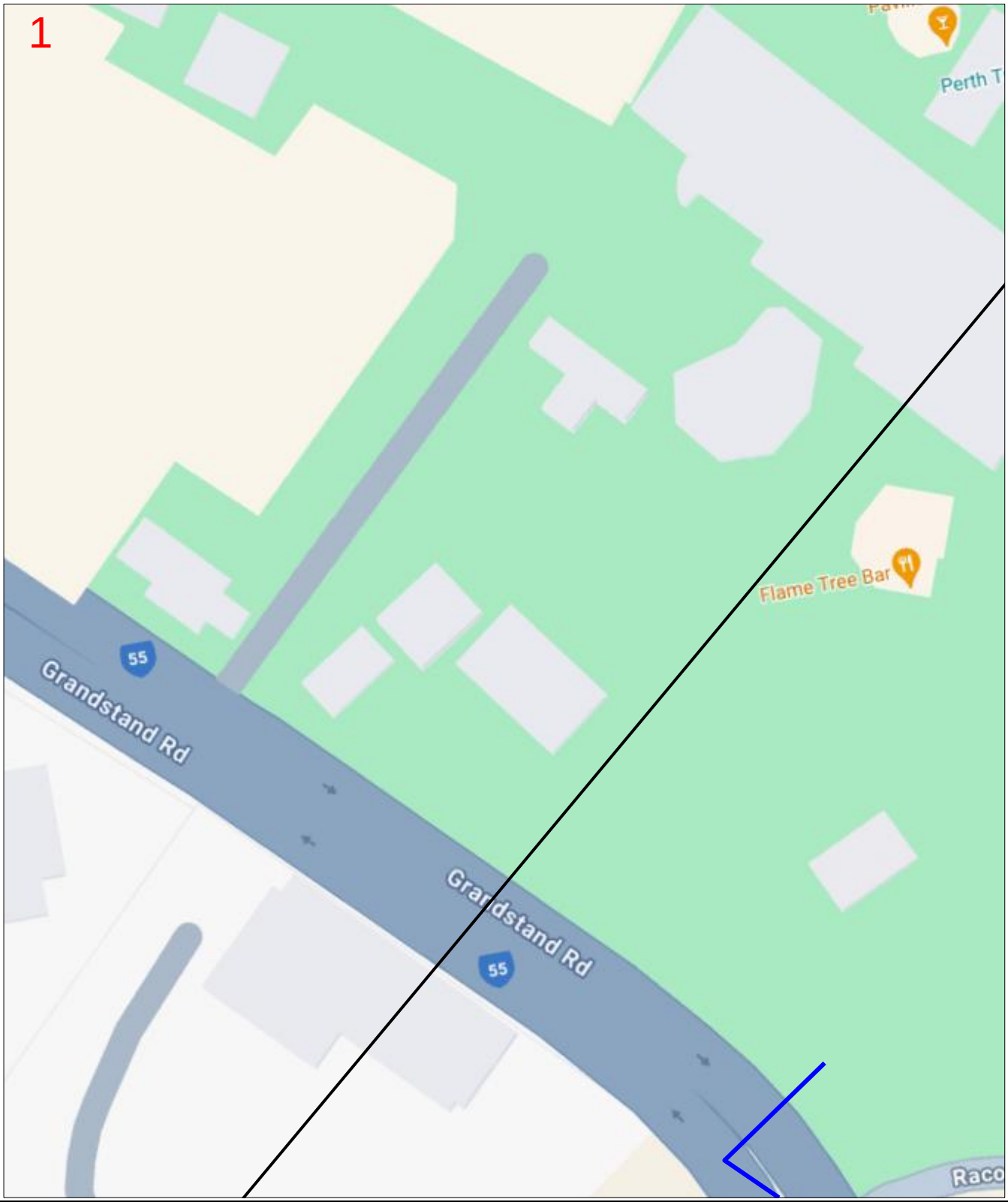
Mains Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment Ph - 13 22 03 Email - Telstra.Plans@team.telstra.com Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries	Sequence Number: 240900612
TELSTRA LIMITED A.C.N. 086 174 781	CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.
Generated On 21/06/2024 19:05:45	

WARNING
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See the Steps- Telstra Duty of Care that was provided in the email response.



Enquiry Number: 240900609

Map Sheet: 1

Scale: 1: 750

0 0.008km

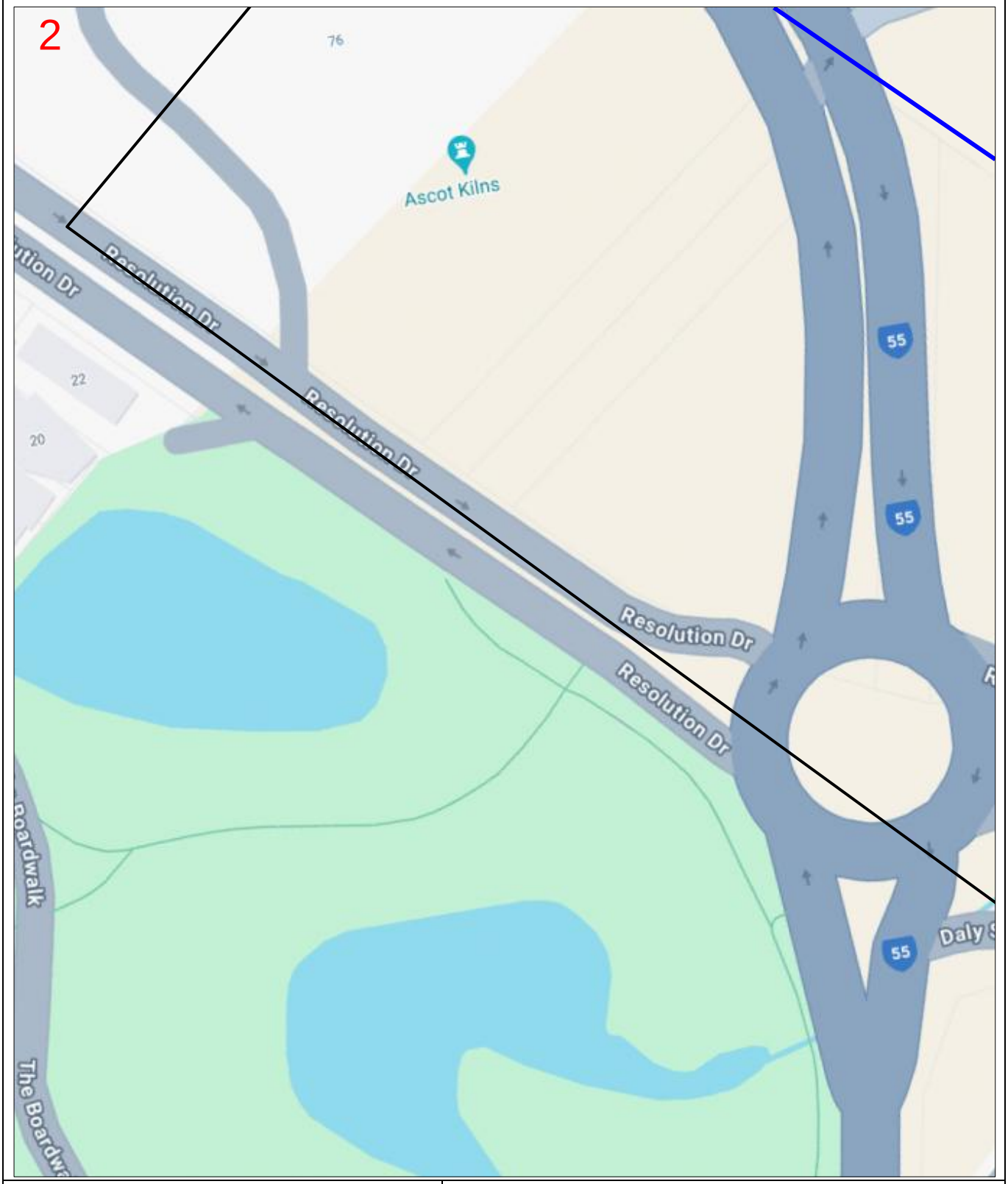
N

LEGEND

BYDA Work Area			
AAPT/PowerTel Pit		TransACT Pit	
AAPT/PowerTel Duct		TransACT Duct	
DDA Pit		SOUL Pattinson Telecoms Pit	
DDA Duct		SOUL Pattinson Telecoms Duct	
Agile/Adam Pit		PIPE Networks Pit	
Agile/Adam Duct		PIPE Networks Duct	

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900609

Map Sheet: 2

Scale: 1: 750

0 0.008km

N

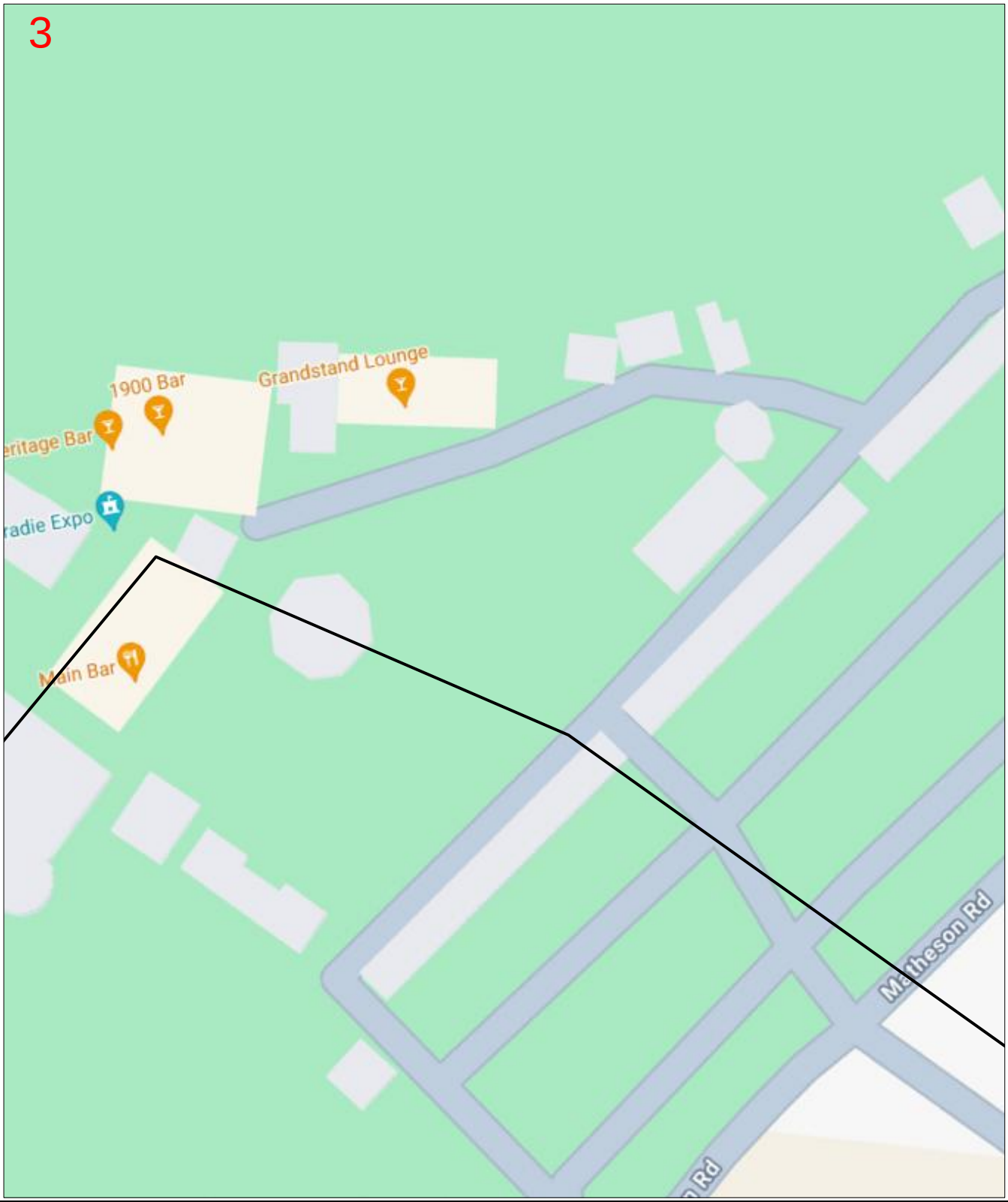
LEGEND

BYDA Work Area

AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
Agile/Adam Pit	PIPE Networks Pit
Agile/Adam Duct	PIPE Networks Duct

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900609

Map Sheet: 3

Scale: 1: 750

0 0.008km

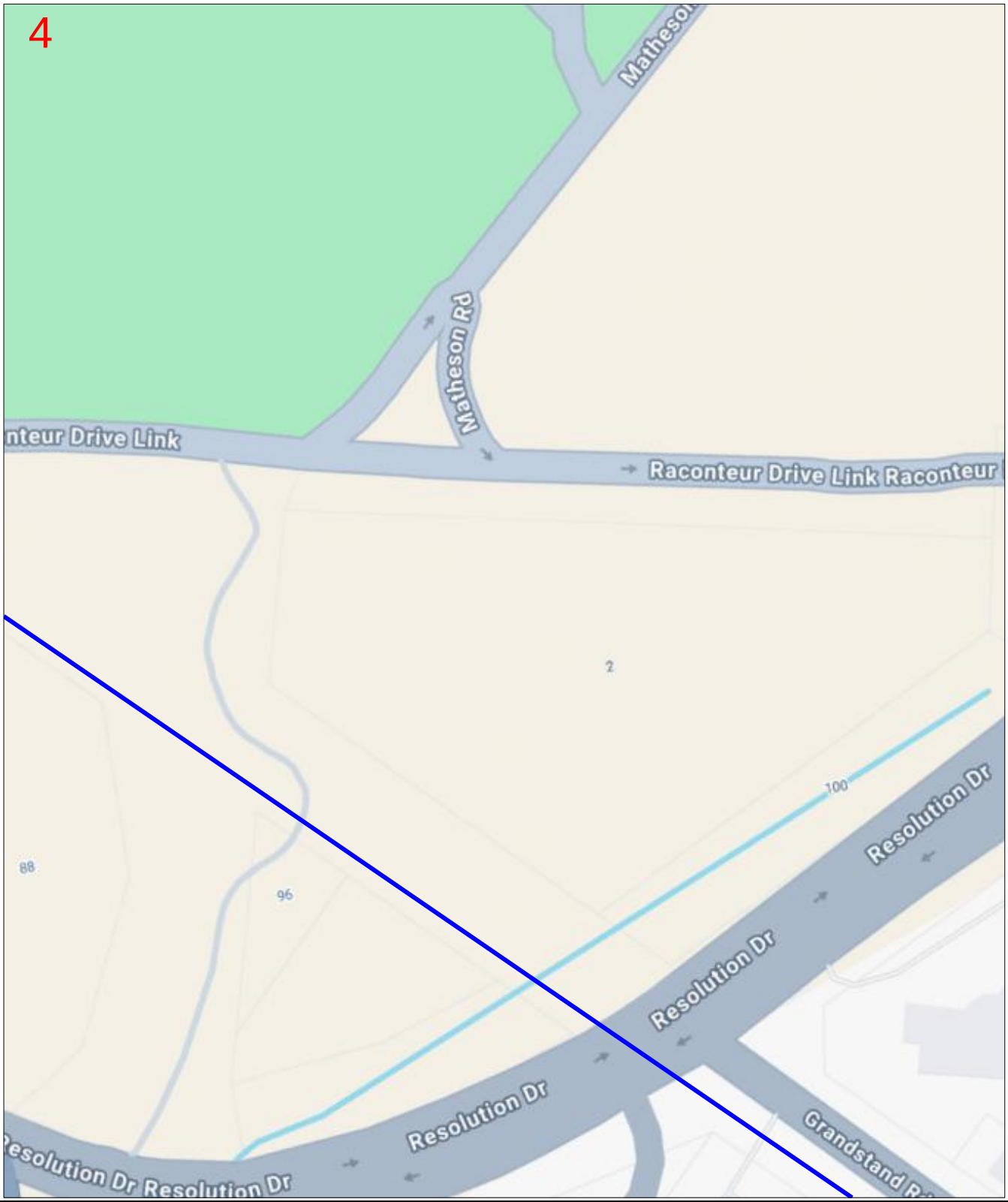
N

LEGEND

BYDA Work Area			
AAPT/PowerTel Pit		TransACT Pit	
AAPT/PowerTel Duct		TransACT Duct	
DDA Pit		SOUL Pattinson Telecoms Pit	
DDA Duct		SOUL Pattinson Telecoms Duct	
Agile/Adam Pit		PIPE Networks Pit	
Agile/Adam Duct		PIPE Networks Duct	

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900609

Map Sheet: 4

Scale: 1: 750

0 0.008km

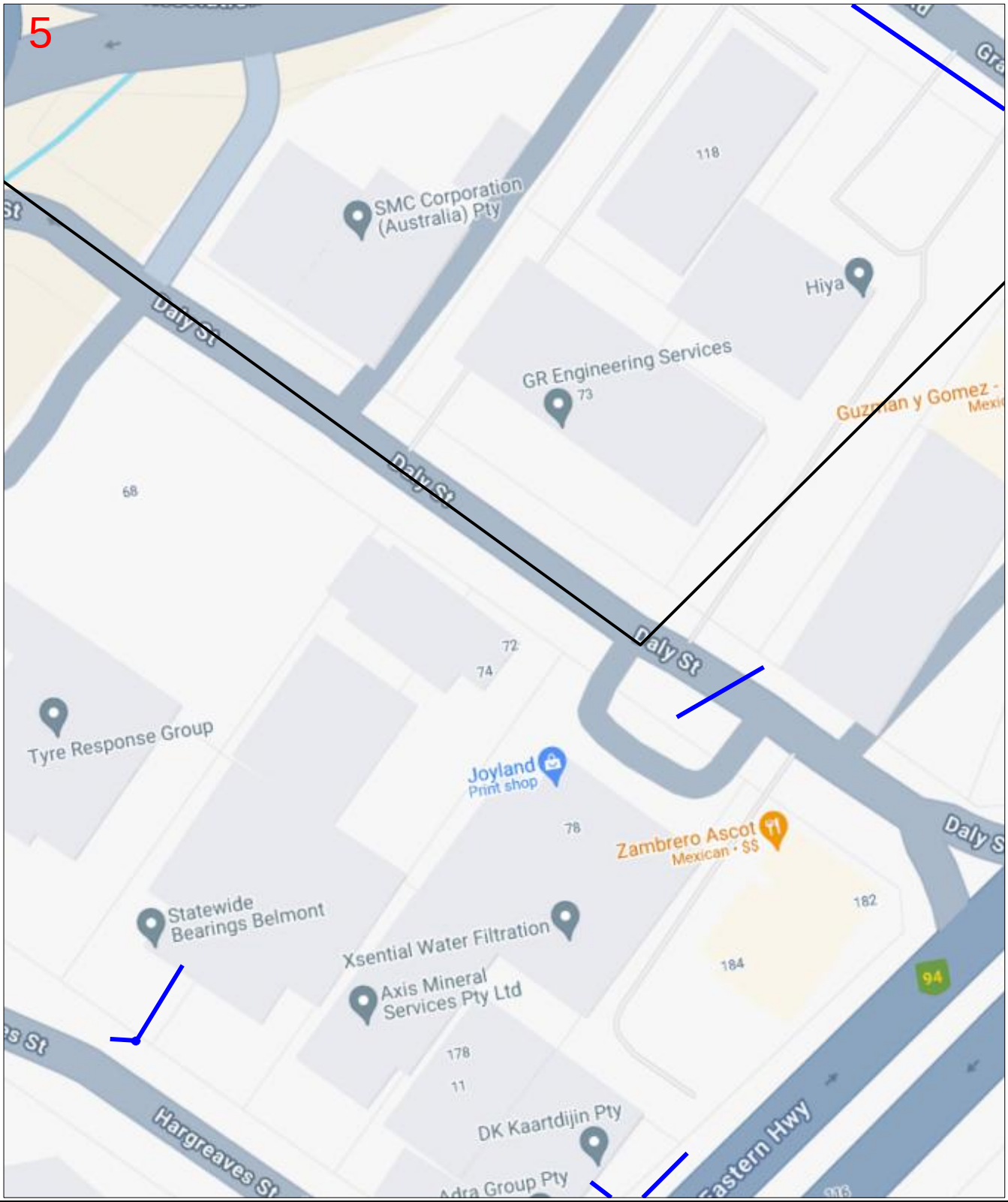
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LEGEND

BYDA Work Area	◇		
AAPT/PowerTel Pit	●	TransACT Pit	●
AAPT/PowerTel Duct	/	TransACT Duct	/
DDA Pit	●	SOUL Pattinson Telecoms Pit	●
DDA Duct	/	SOUL Pattinson Telecoms Duct	/
Agile/Adam Pit	●	PIPE Networks Pit	●
Agile/Adam Duct	/	PIPE Networks Duct	/

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900609

Map Sheet: 5

Scale: 1: 750

0 0.008km

N

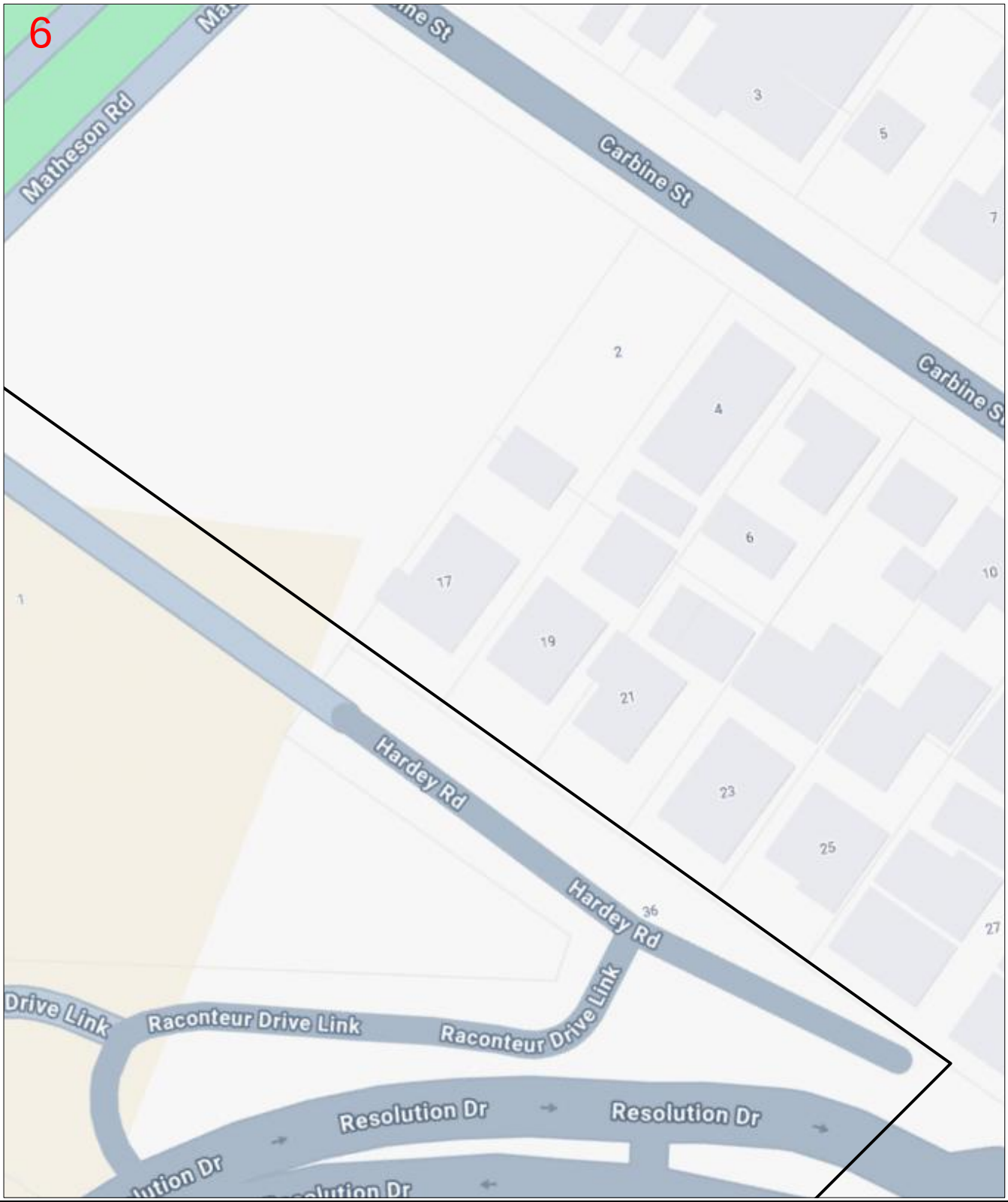
LEGEND

BYDA Work Area

AAPT/PowerTel Pit		TransACT Pit	
AAPT/PowerTel Duct		TransACT Duct	
DDA Pit		SOUL Pattinson Telecoms Pit	
DDA Duct		SOUL Pattinson Telecoms Duct	
Agile/Adam Pit		PIPE Networks Pit	
Agile/Adam Duct		PIPE Networks Duct	

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900609

Map Sheet: 6

Scale: 1: 750

0 0.008km

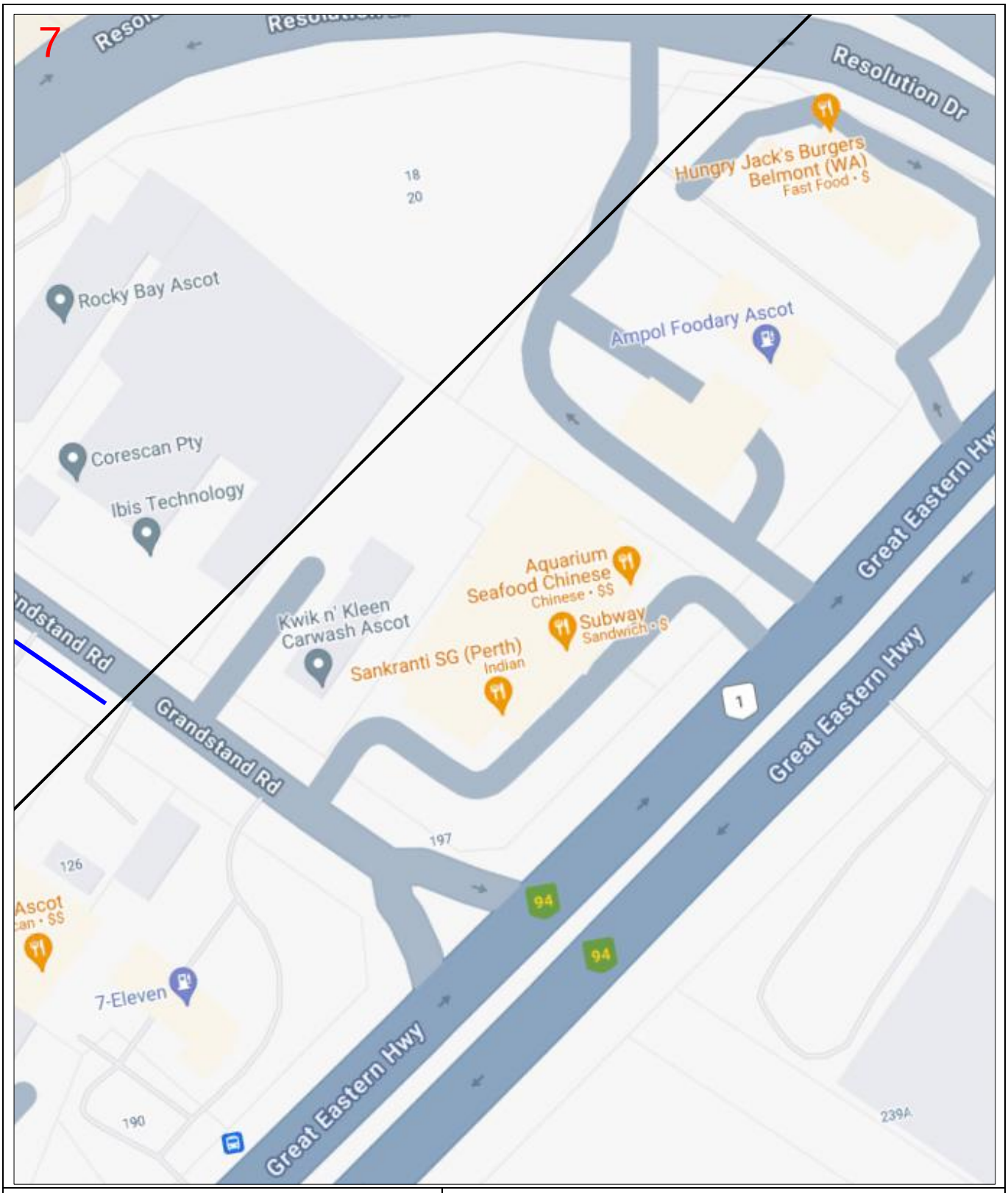
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LEGEND

BYDA Work Area	
AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
Agile/Adam Pit	PIPE Networks Pit
Agile/Adam Duct	PIPE Networks Duct

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900609

Map Sheet: 7

Scale: 1: 750

0 0.008km

N

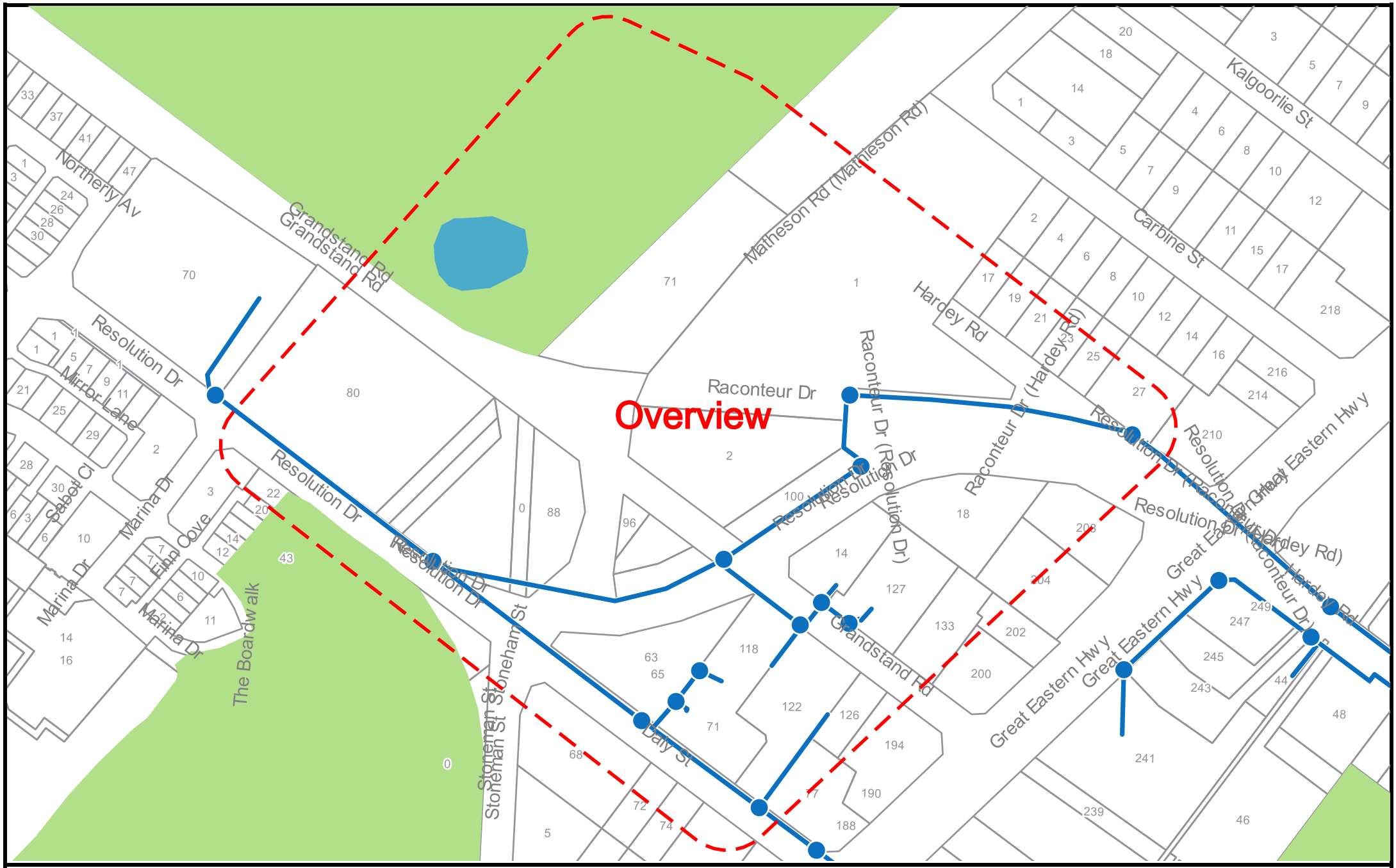
LEGEND

BYDA Work Area

AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
Agile/Adam Pit	PIPE Networks Pit
Agile/Adam Duct	PIPE Networks Duct

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



SEQUENCE NUMBER: 240900608
JOB NUMBER: 36962243
ADDRESS: 2 Raconteur Drive, Ascot, WA 6104

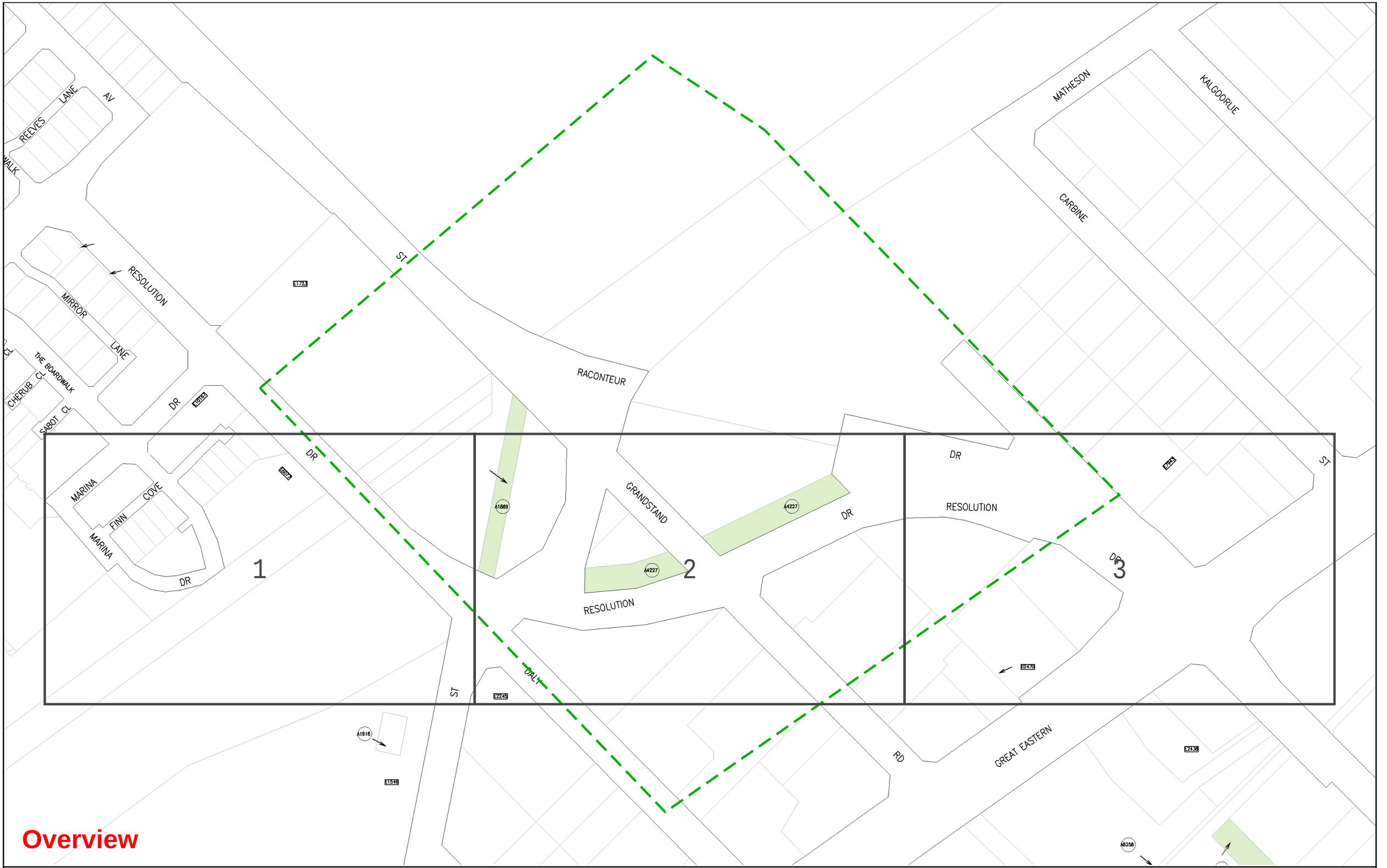
LEGEND
Vocus Group Pit
Vocus Group Conduit

SCALE: 1:2929

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.

Overview

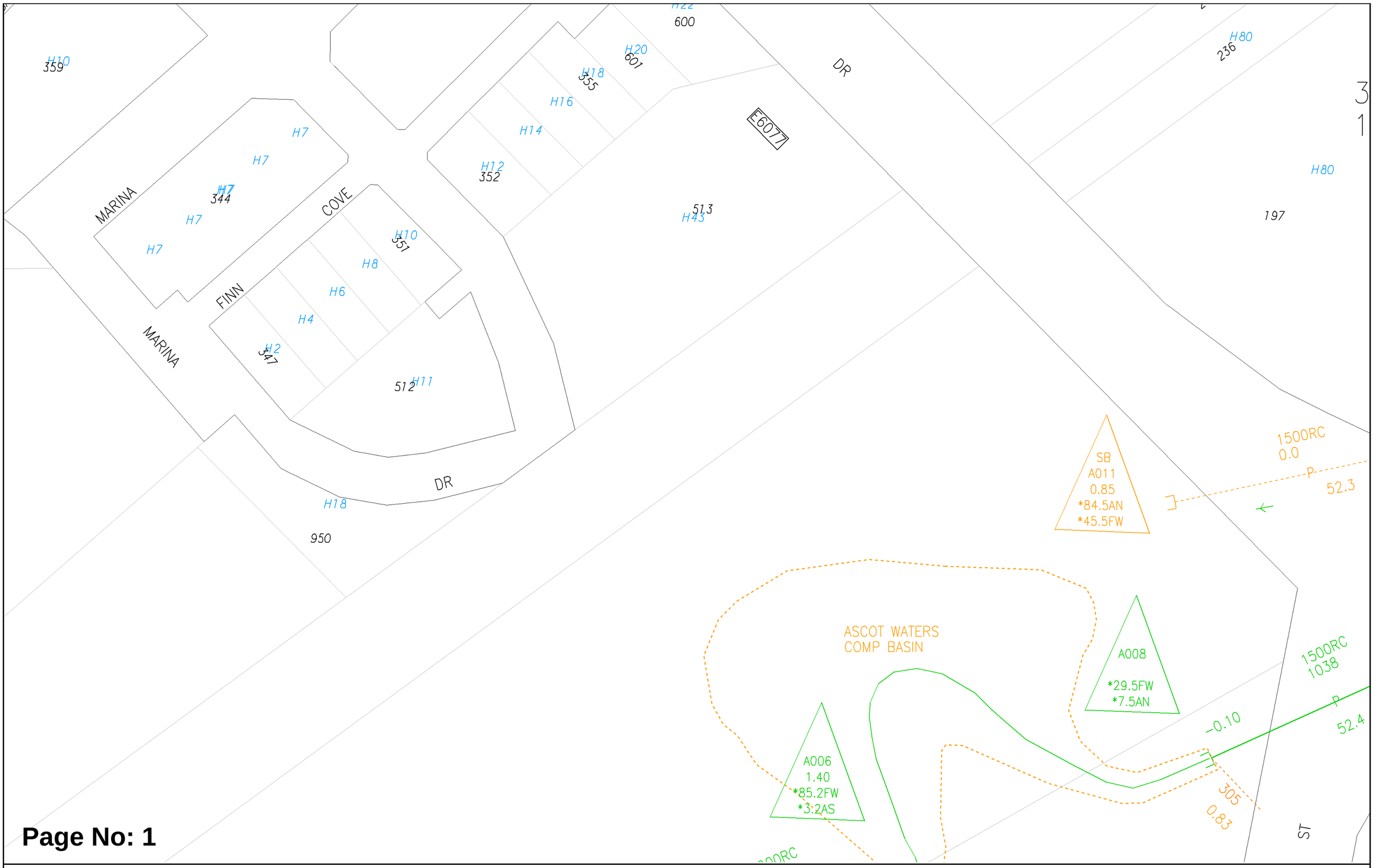


Scale: 1:2392
Job No.: 36962243
Sequence No.: 240900613
Print Date: 21 Jun 2024

N

Drainage

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Page No: 1

WATER CORPORATION

Scale:	1:750
Job No.:	36962243
Sequence No.:	240900613
Print Date:	21 Jun 2024

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Drainage

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8783
0417

SB A014 *8.2AN *18.8FE

2400RCBC -740.0

*19.0AN *32.5FE

0.0 1:-99.0 0.0

0.43

144.5

H2

LB13232

A017 2.29 *6.0FNW *11.5FSW

750RC 650

0.44 0.43

7.4 10.2

GRANDSTAND

51

1

H88

A1869

0.33

0.30

19.5

H96

0.70

A4227

TB 2.44 TOE 0.64 CL 0.08 TOE 0.72 TB 2.55

H100

TB 1.69 TOE 1.88 CL 0.52 TOE 0.72 TB 1.90

TB 1.64 TOE 0.89 CL 0.46 TOE 0.84 TB 1.88

TB 1.59 TOE 0.68 CL 0.47 TOE 0.80 TB 1.63

DR

SB A013 *4.0AS *3.5FE

TB 2.16 TOE 1.02 CL −0.32 TOE 0.87 TB 2.36

0.0 1:-99.0 0.0

58.8

FB13231

−0.32

A010 *3.8FN *11.0FE

0.45

300

−0.21

A4227

0.62

450

SB15434

TB 2.34 TOE 0.66 CL 0.00 TOE 0.74 TB 2.41

300

CENTRAL BELMONT M.D. 40201

375

2.25

H14

100

SB A012 *4.0AN *1.8FE

1500RC −471.4

−0.17

P

66.5

RESOLUTION

0.63

300

H127

101

−0.03

−0.05

A009 B BK 2.75 *1.0FNW *5.0FSW

FB15524

H63

DALY

52

600

HH17718

Page No: 2

WATER CORPORATION

Scale: 1:750
Job No.: 36962243
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Drainage

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

DR

H27
150

E7943

737 H216

ST

H214
736

RESOLUTION

H210
734

H18
1

DR

1500RC
1298

H208
100

195.2

225
3.22

SB15134

H204
730

A018
B BK
4.81
*0.2FNW
*17.0ASW

450P

H133
500

E0470

0.85

0.91

1500RC
0.0

A019
B BK
*12.2FNW
*18.2ANE

H202
501

375P

30.3

300
2.30

1500RC
0.0

H247

Page No: 3

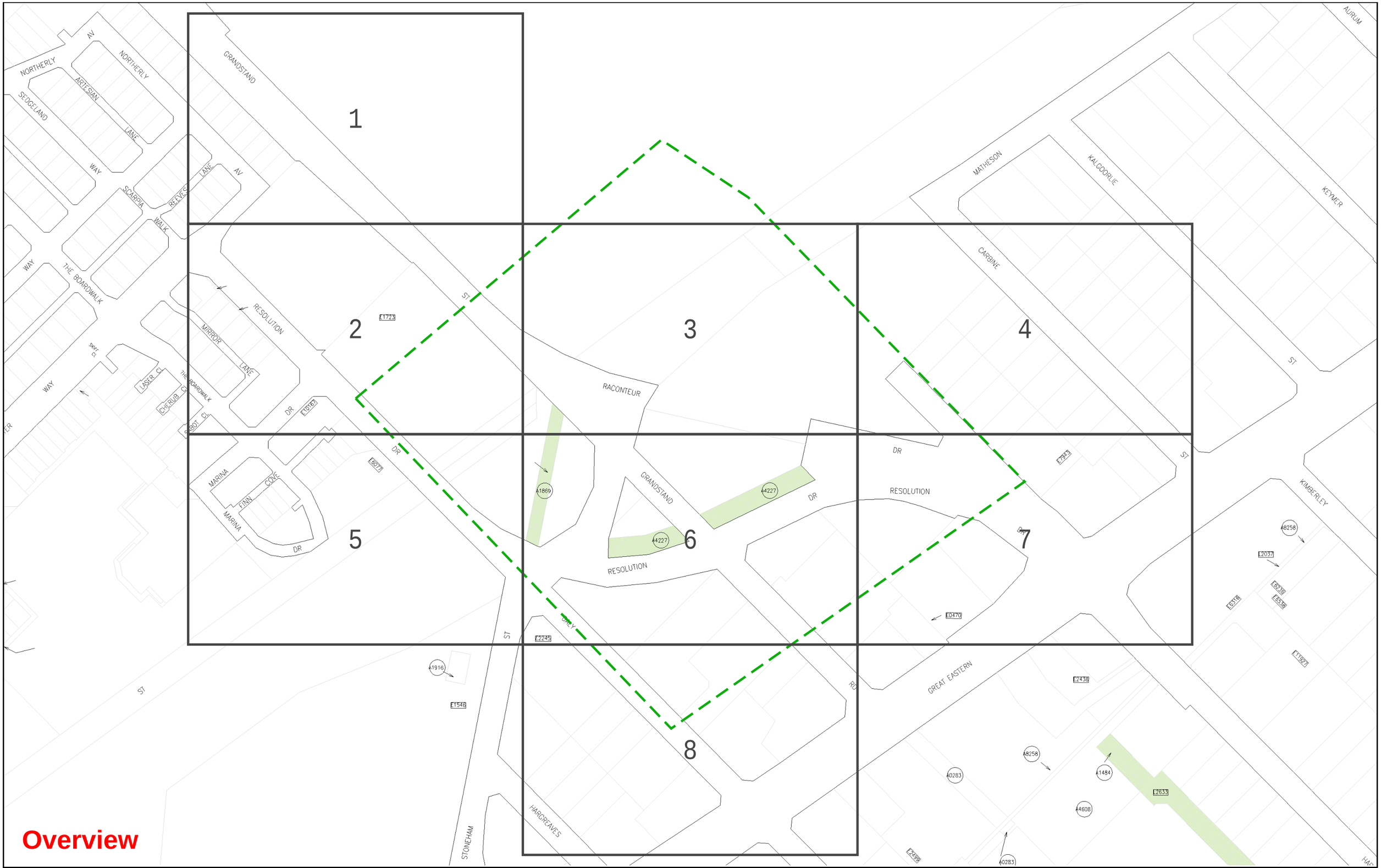
WATER CORPORATION

Scale: 1:750
Job No.: 36962243
Sequence No.: 240900613
Print Date: 21 Jun 2024

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Drainage

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Overview

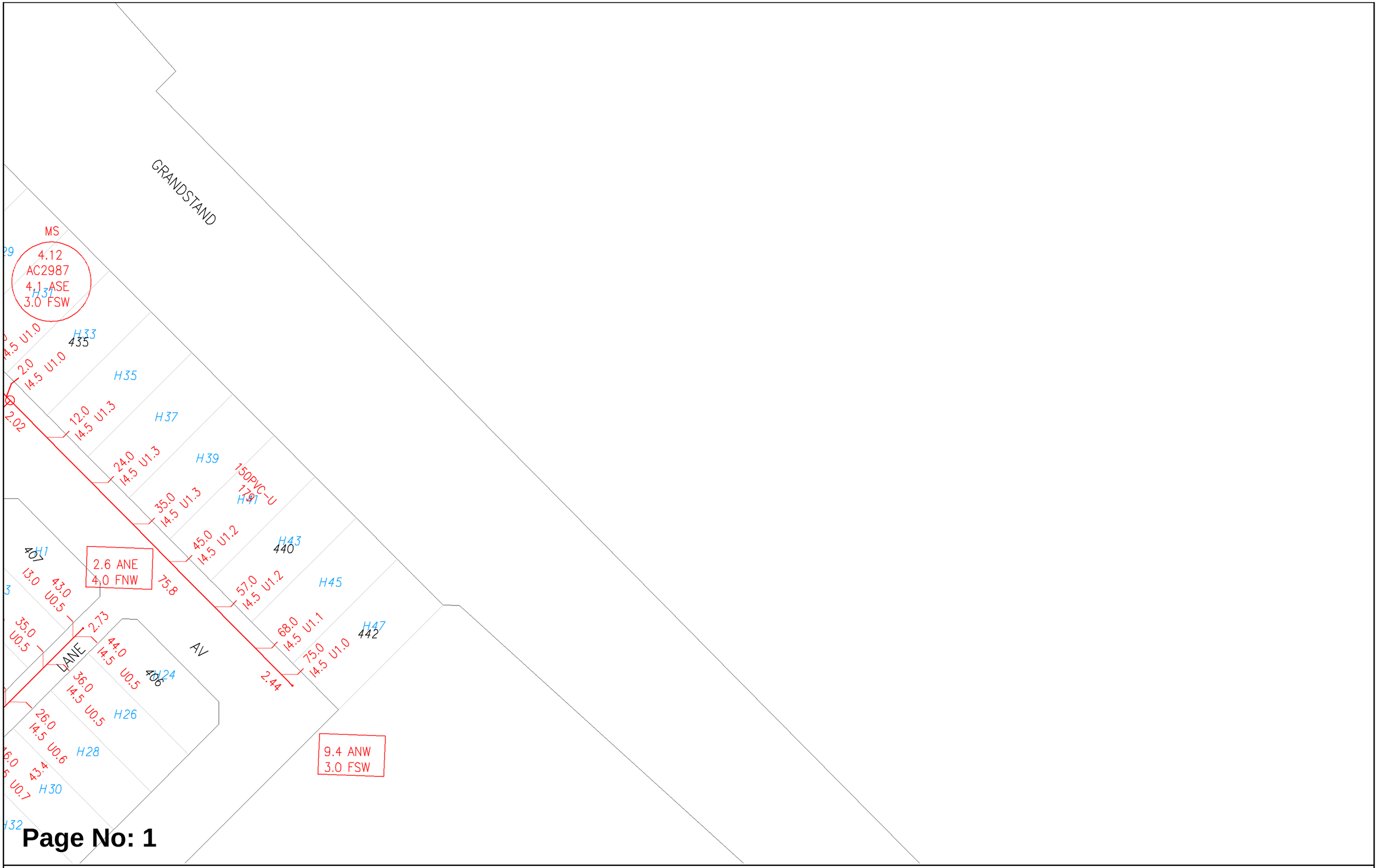
WATER CORPORATION

Scale:	1:3075
Job No.:	36962243
Sequence No.:	240900613
Print Date:	21 Jun 2024

N

Sewer

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Page No: 1

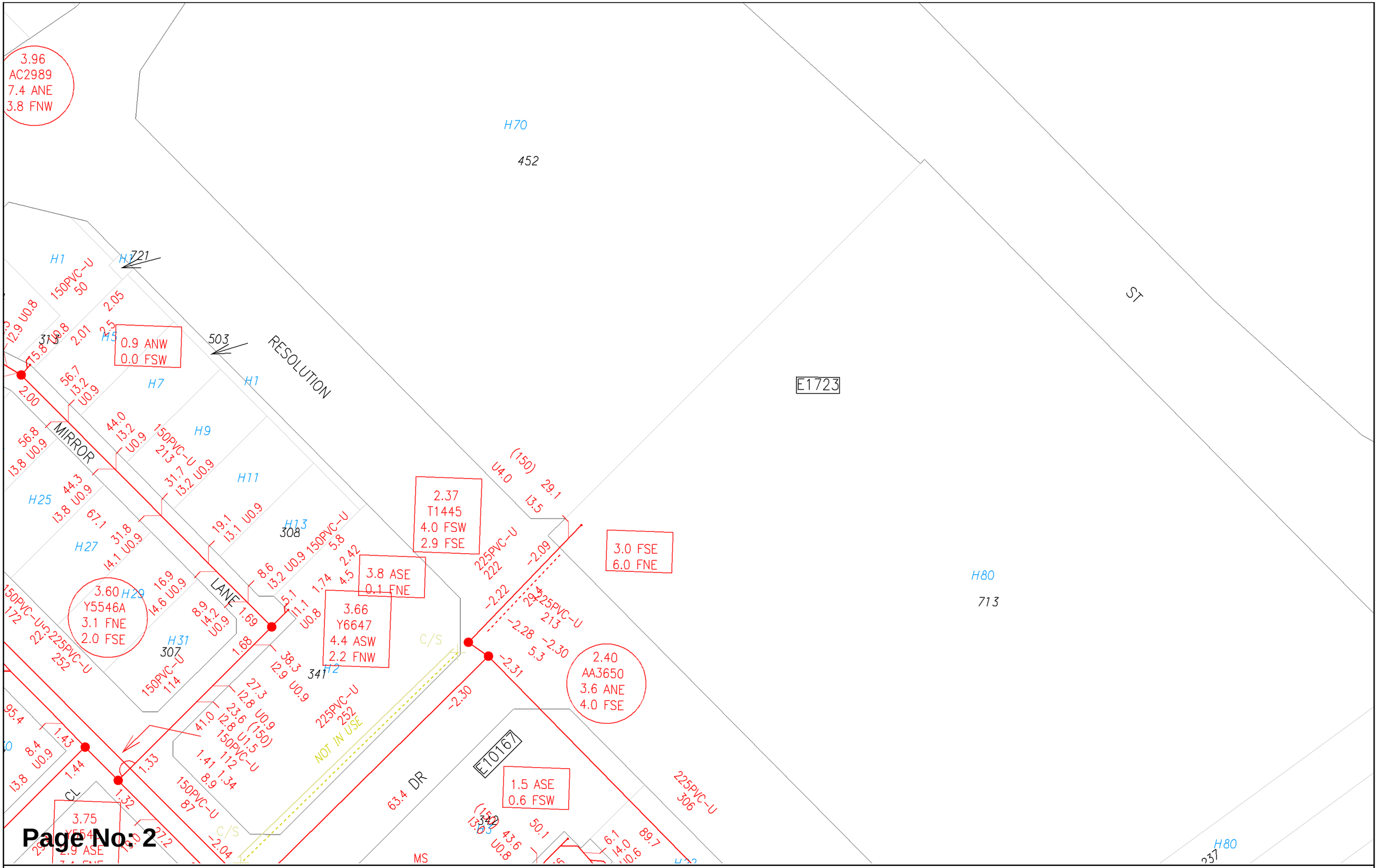
WATER CORPORATION

Scale:	1:750
Job No.:	36962243
Sequence No.:	240900613
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N

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WATER CORPORATION

Scale:	1:750
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H71

13

100

H1

RACONTEUR

0.53

150PVC-W

Page No: 3

WATER CORPORATION

Scale:	1:750
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4.45
T3042
15.1 FSW
18.7 FSE

5.01
T3038
2.1 FNW
5.4 FNE

3.86
T3037
2.0 FNW
1.1 FNE

2.82
T3036
2.1 FNW
6.0 FSW

3.00 D
T3031
10.9 FSE
6.2 FSW

1.1 FNW
0.3 FSW

0.7 FNW
0.2 FSW

7.27 D
T3048
5.7 FNE
4.2 FNW

1.0 FNW
1.0 FNE

0.5 FSW
0.7 FNW

7.09 D
T3039
5.6 FNE
1.3 FNW

0.5 FNW
0.5 FNE

6.98

6.0 FNE
20.5 FSE

150PVC-U 248 CARBINE
150PVC-U 206
150PVC-U 22.2
150PVC-U 40.2
150PVC-U 38.4
150PVC-U 124
150PVC-U 132
150PVC-U 173
150PVC-U 39.4
150PVC-U 146
150PVC-U 63
150PVC-U 61
150PVC-U 76
150PVC-U 192
225PVC-U 79

H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H12 H14 H15 H17 H19 H21 H23 H25

102 29 23 45 3 19 35 7

Page No: 4

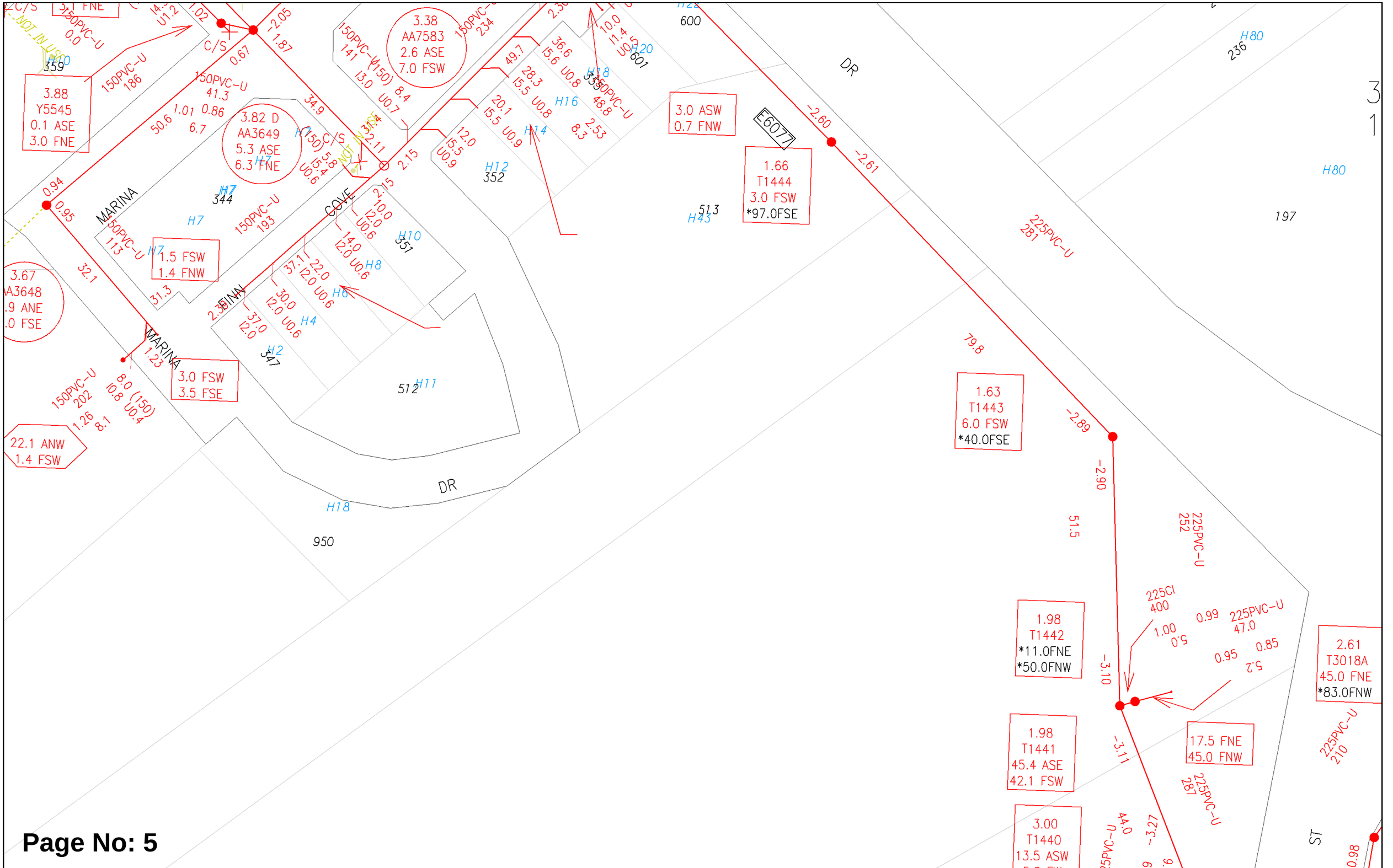
WATER CORPORATION

Scale: 1:750
Job No.: 36962243
Sequence No.: 240900613
Print Date: 21 Jun 2024

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Sewer

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WATER CORPORATION

Scale:	1:750
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8783
0417

L

1

H88

A1869

GRANDSTAND

H2

51

A4227

H100

DR

H96

3

A4227

600SU

0.49

47.4

225PVC-U
225

61.8

13.5

600SU

0.22

3.38
T3028
6.6 ANE
1.2 FNW

0.22

225PVC-U
275

0.30

3.61 D
T3027
1.1 FNW
10.4 FNE

67.0

-0.02

-0.03

H14

100

3.38 D
T3025
7.0 FSE
5.5 FNE

225PVC-U
405

225PVC
282

-0.09

25.2

17.3

6.0

U3.0

(150)

-0.15

-0.11

4.8

RESOLUTION

-0.15

12.3

150PVC-U
96

2.06

H127

101

2.51
T3019
10.0 FNE
*64.0FNW

3.62
T3024
1.0 FNW
3.8 FSW

2.19

4.9

10.5

5.9

0.0 FNE
*12.0FSE

150PVC-U
98

(150)

28.6

64

150PVC-U

85.7

5.90
W7159
2.9 ASE
2.8 FSW

225PVC-U
180

-0.86

-0.77

-0.75

17.2

DALY

225PVC-U
269

H63

225PVC-U
272

52

107.0

2.58

5.0

6.0

10.5

(150)

150PVC-U
61

3.21

15.6

10.9

U0.5

(100)

15.2

0.5 FNE
0.5 FSE

58.7

150PVC-U
69

3.53

3.55

150PVC-U
87

(150)

-0.87

-0.96

19.9

57.5

(150)

10.8

13.1

46.2

11.9

600

HH1718

5.83 D

3.42

Page No: 6

WATER CORPORATION

Scale: 1:750
Job No.: 36962243
Sequence No.: 240900613
Print Date: 21 Jun 2024

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Sewer

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2.79
T3030
10.7 FSE
66.2 FSW

DR

69.5
5.8
3.29
4.70
12.0
29.7
5.74 D
T3032
6.2 FSW
1.2 FSE

T3034
1.0 FSW
1.0 FSE
H27
150
58.5
E7943
5.68
53.4
10.6
U1.0
4.4
10.6 U1.0
6.3
11.6
U1.0
5.70
5.82
11.4
1.0 FSE
1.2 FNE
11.5
10.6 U1.0
7.84 D
T3040
4.7 FNE
20.5 FSE
M 81.5
U1.1
H216
737
ST
H214
736
7.73
T3035
1.0 FSW
0.8 FNW
H210
734

RESOLUTION

DR

150PVC-U
94
H18
1
1.0 FNW
2.0 FNE
2.54
43.8
12.0
U2.5
3.79 D
T3029
6.2 FNE
1.0 FNW
150PVC-U
30.0
H208
100
150PVC-U
117
1.12
43.2
11.8
12.0
U1.7
1.11
150PVC-U
85
2.88
2.82
7.5
2.89
3.04
13.3
5.22
W7160
12.4 ASE
1.2 FSW
14.5
(150)
U1.4
10.5
H204
730
H133
500
E0470
H202
0.5 ANW
1.4 FSW
507

Page No: 7

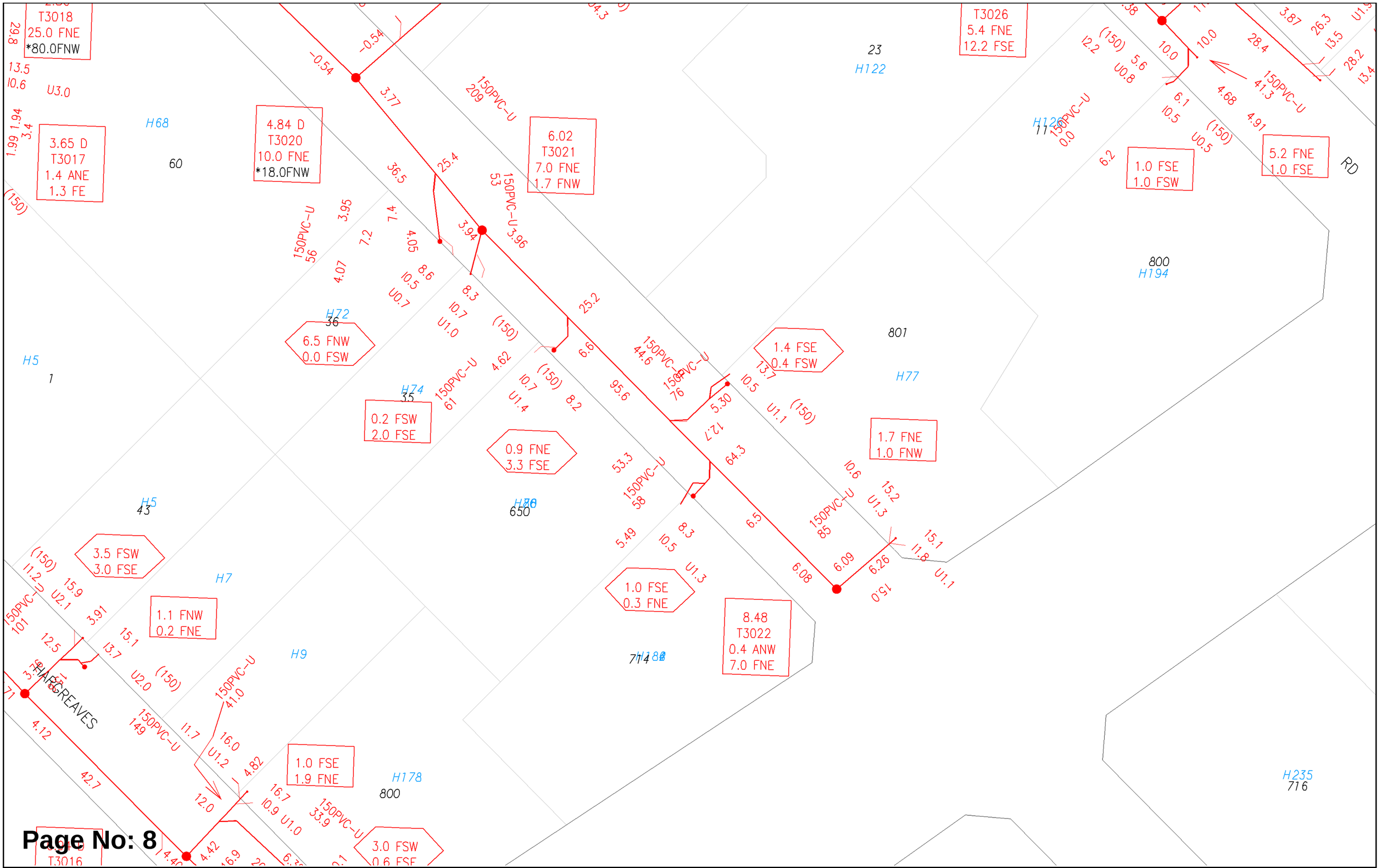
WATER CORPORATION

Scale:	1:750
Job No.:	36962243
Sequence No.:	240900613
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N

Sewer

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Page No: 8

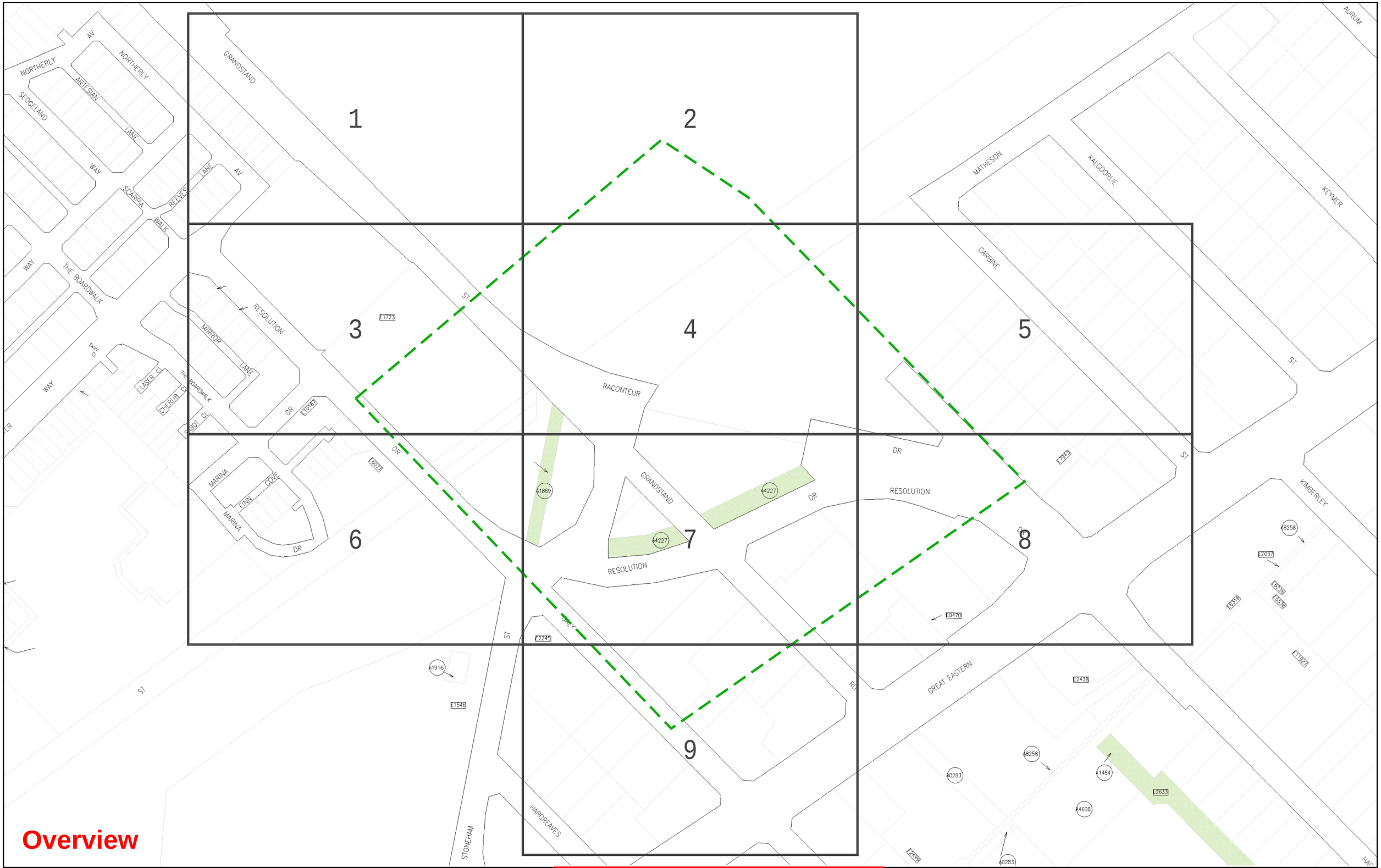
WATER CORPORATION

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Sewer

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Overview

WATER CORPORATION

Scale:	1:3075
Job No.:	36962243
Sequence No.:	240900613
Print Date:	21 Jun 2024

N

Water

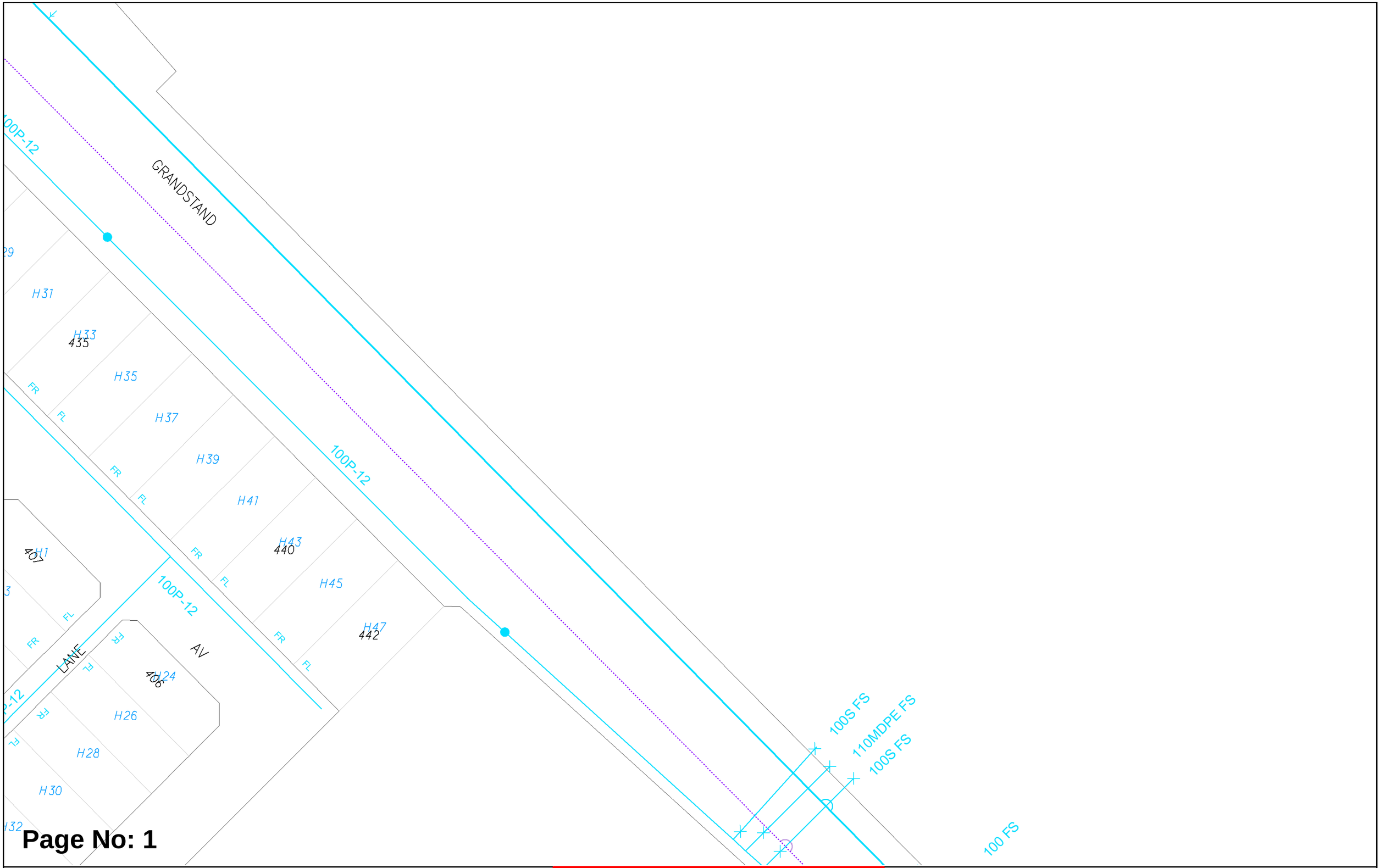
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Page No: 1

WATER CORPORATION

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N

Water

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WATER CORPORATION

Scale:	1:750
Job No.:	36962243
Sequence No.:	240900613
Print Date:	21 Jun 2024

N

Water

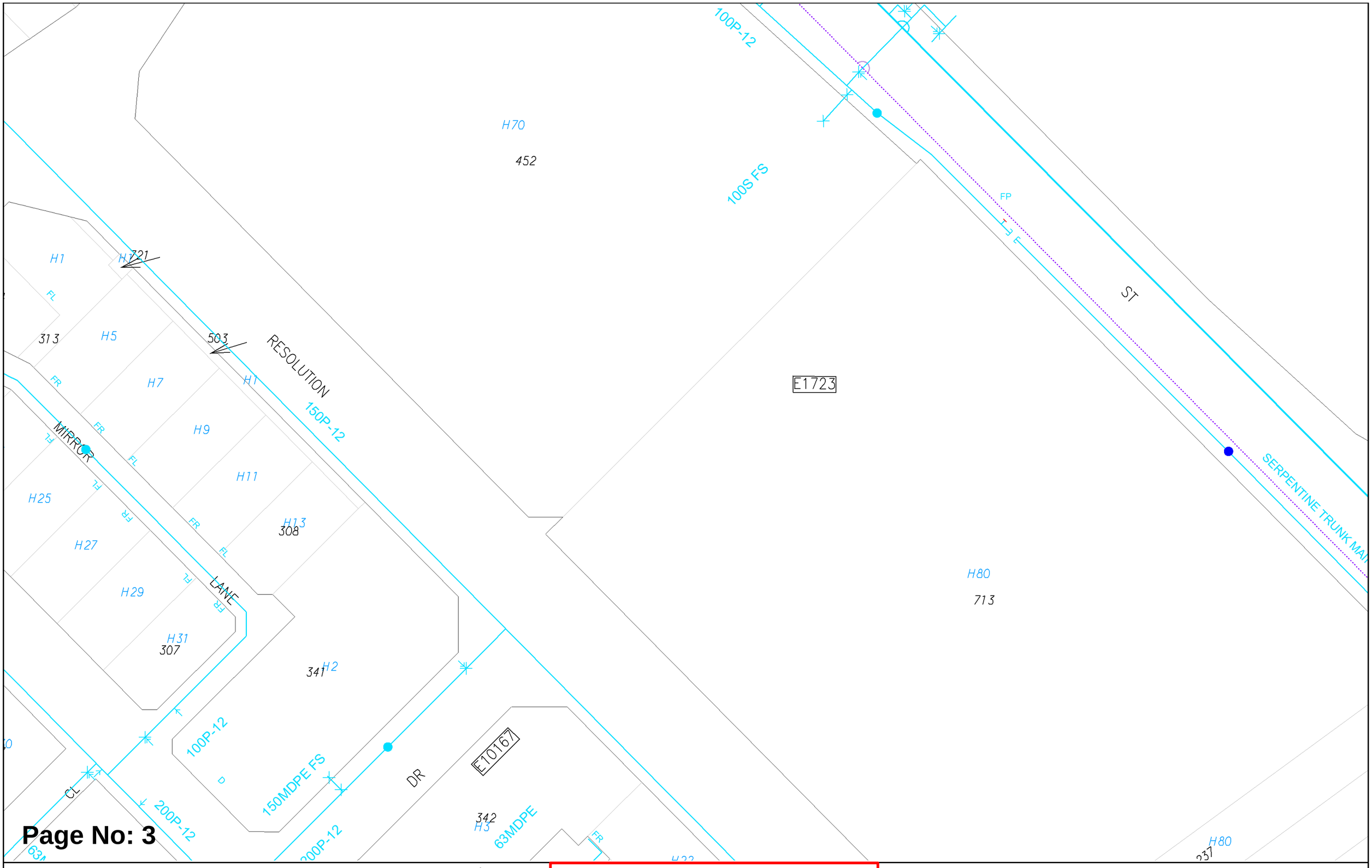
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WATER CORPORATION

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Print Date:	21 Jun 2024

N

Water

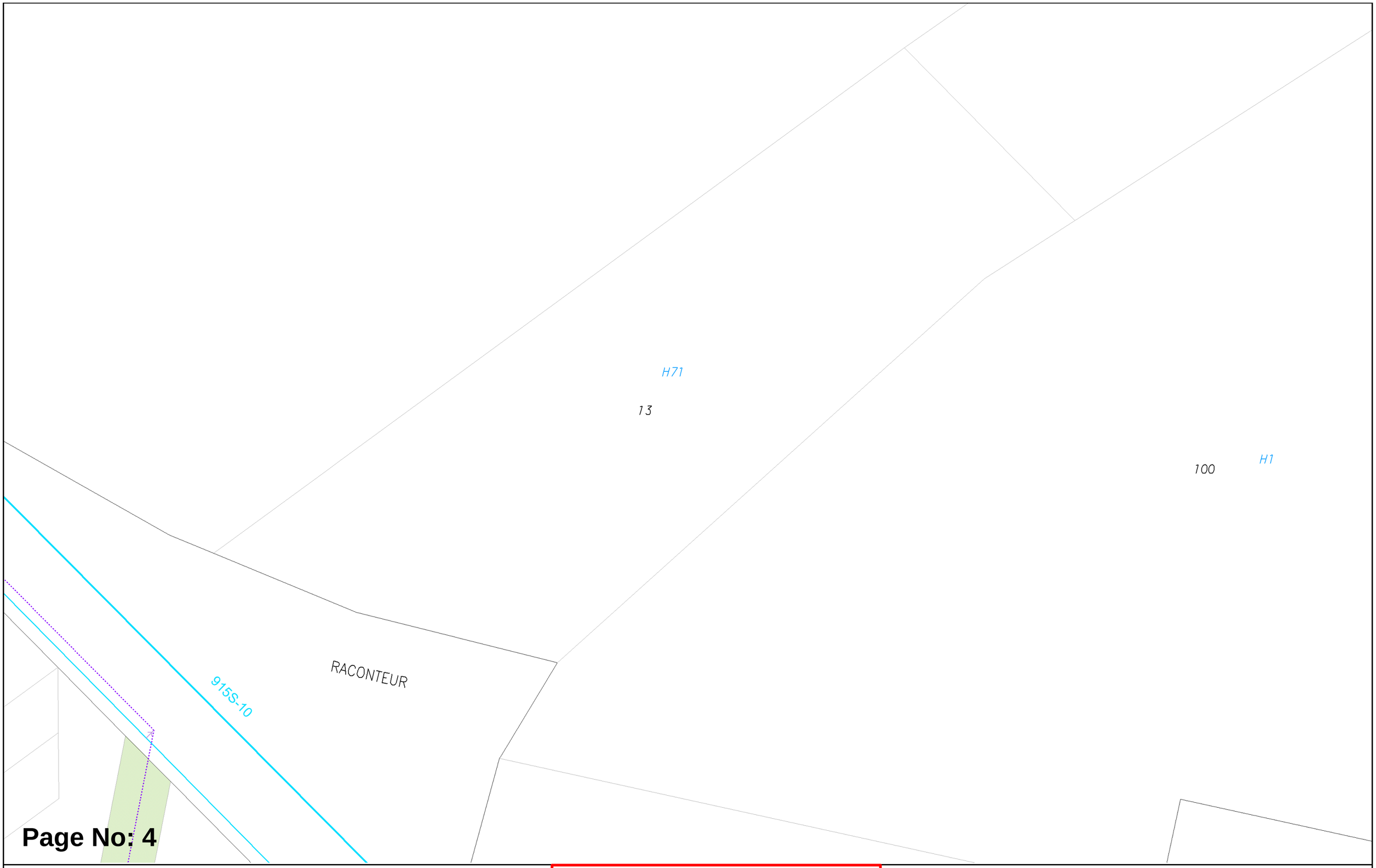
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Working near assets (watercorporation.com.au)

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Page No: 4

WATER CORPORATION

Scale:	1:750
Job No.:	36962243
Sequence No.:	240900613
Print Date:	21 Jun 2024

N

Water

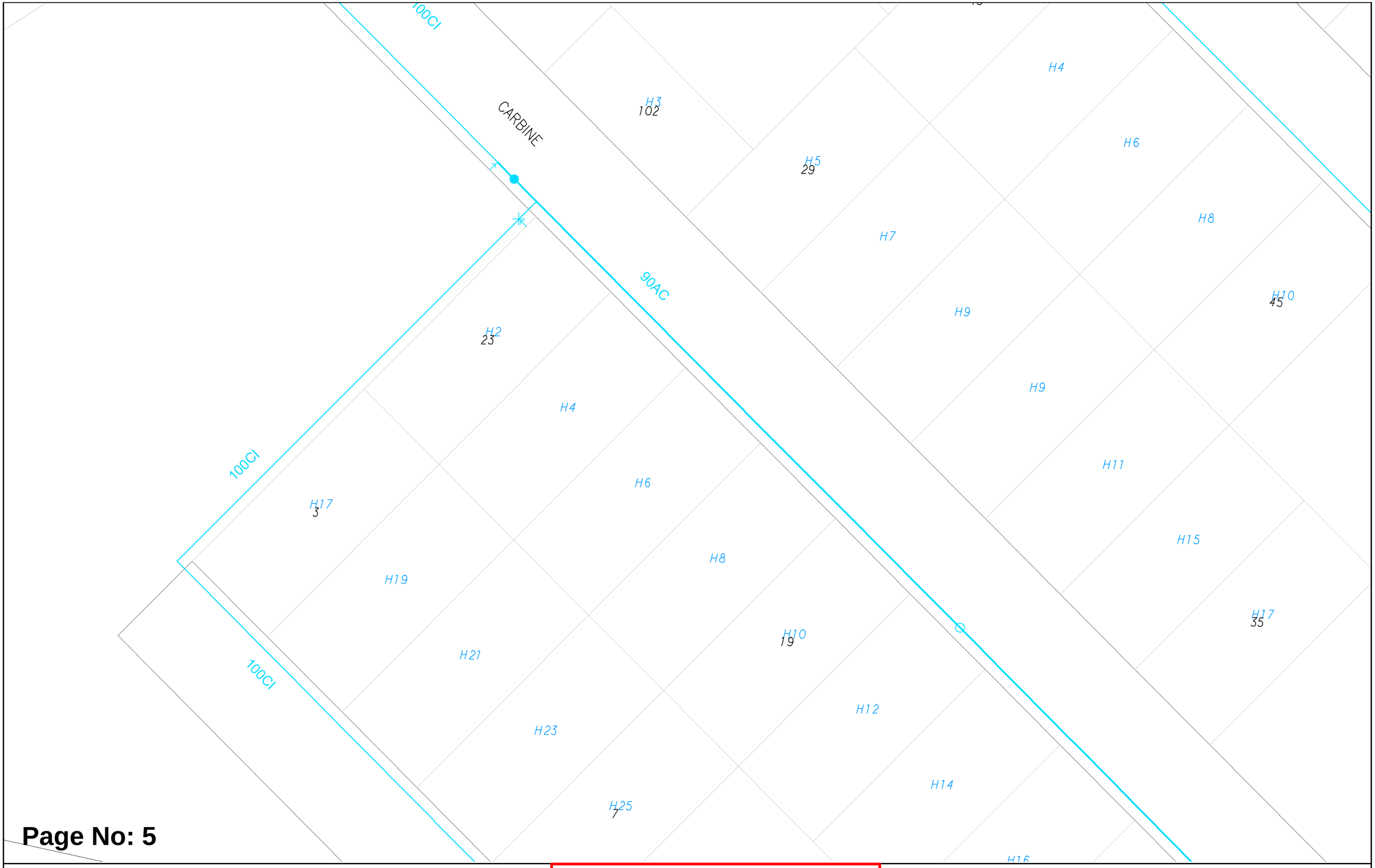
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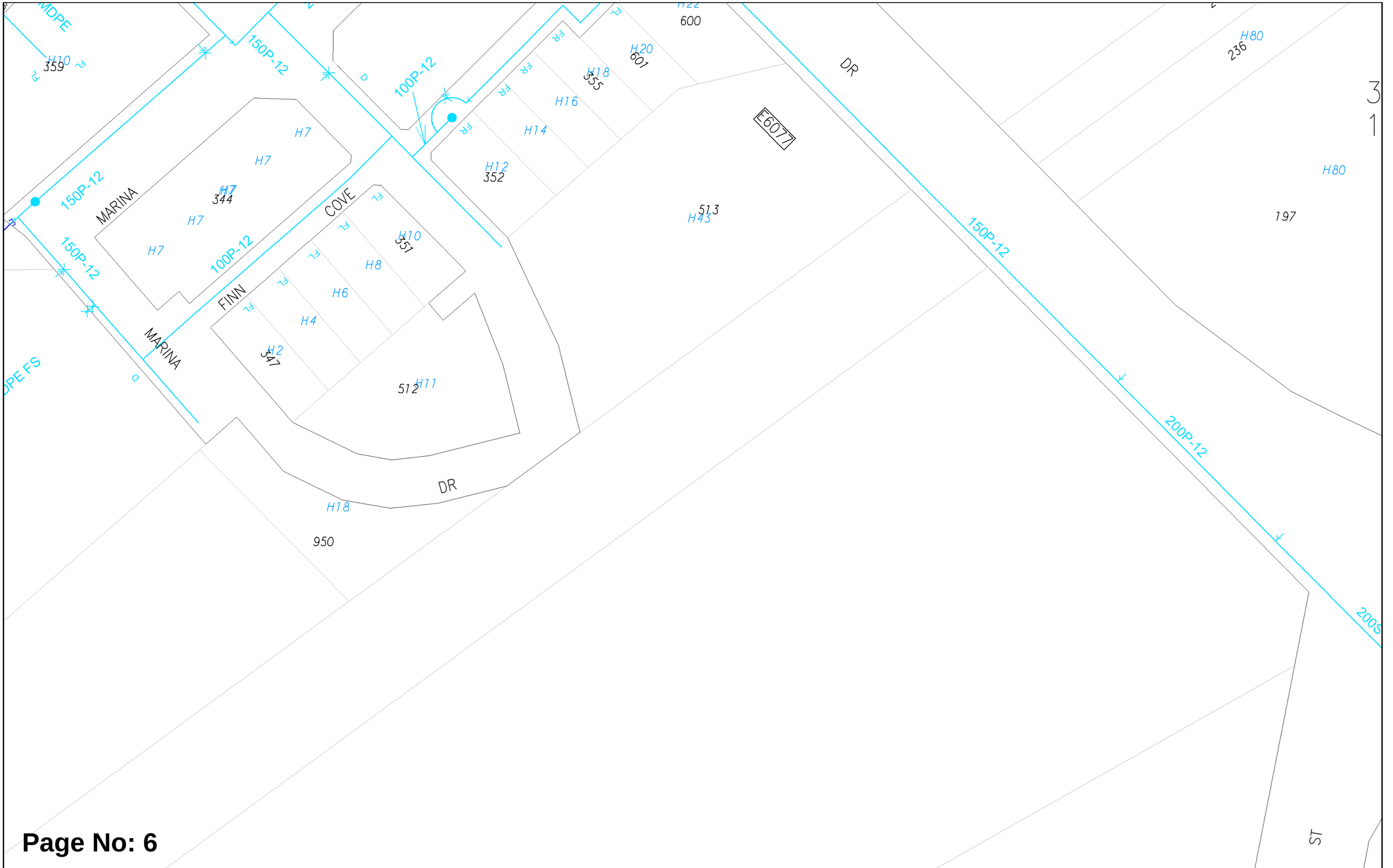
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8783
0417

1
H88
A1869
MH
MH
MH
H2
51
GRANDSTAND
3
H96
A4227
100S-5
100C1
100P-20
H100
A4227
100S-5
150SC
DR
H14
100
RESOLUTION
100S FS
H127
101
H63
52
110MDPE FS
DALY
200P-12
600
HH1718

Page No: 7

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DR

RESOLUTION

H27
150

E7943

737 216

ST

125PE

H214
736

100CI

H210
734

125PE

H18
1

DR

H208
100

205CI

250PE

NEW REDUNDANT MAIN

100S FS

110PE

H247

H204
730

H133
500

E0470

H202
501

Page No: 8

WATER CORPORATION

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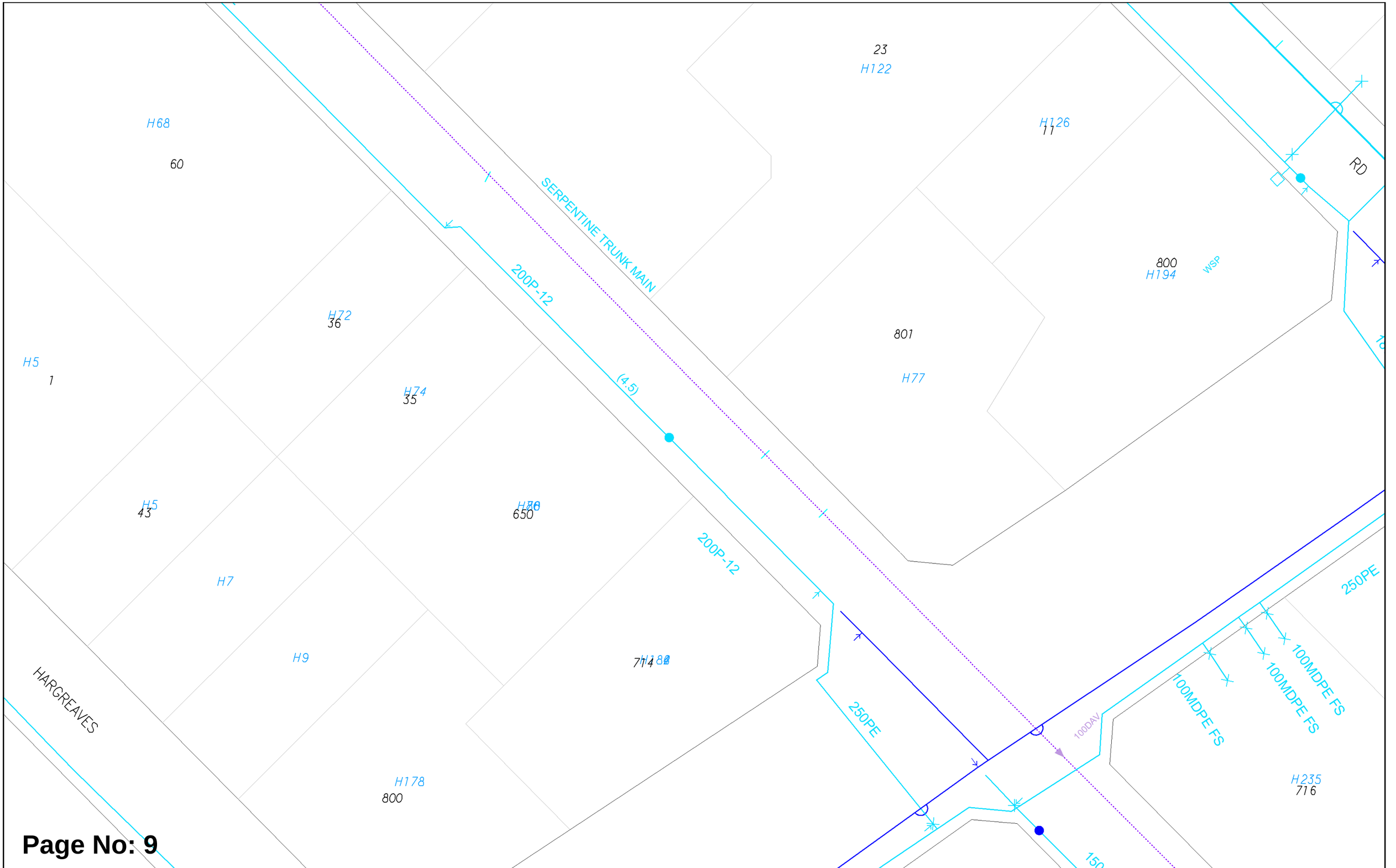
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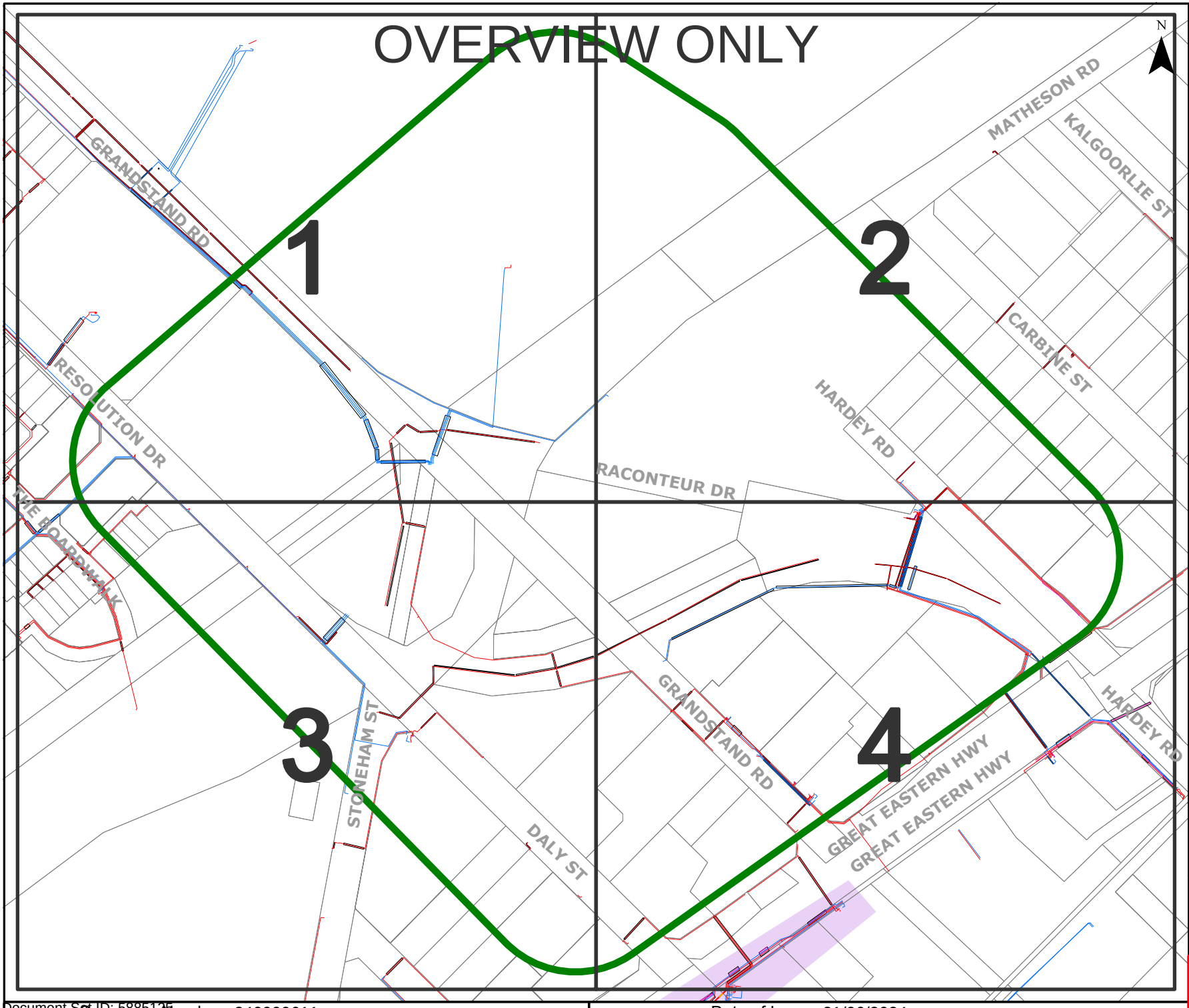
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westernpower

UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
- Street Light Circuit (< 1kV)
- Street Light Pilot (< 1kV)
- Earth Wire

Cable Pole Terminations

- HV Termination
- LV Termination

Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

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Mon to Fri - 08:00 to 16:30

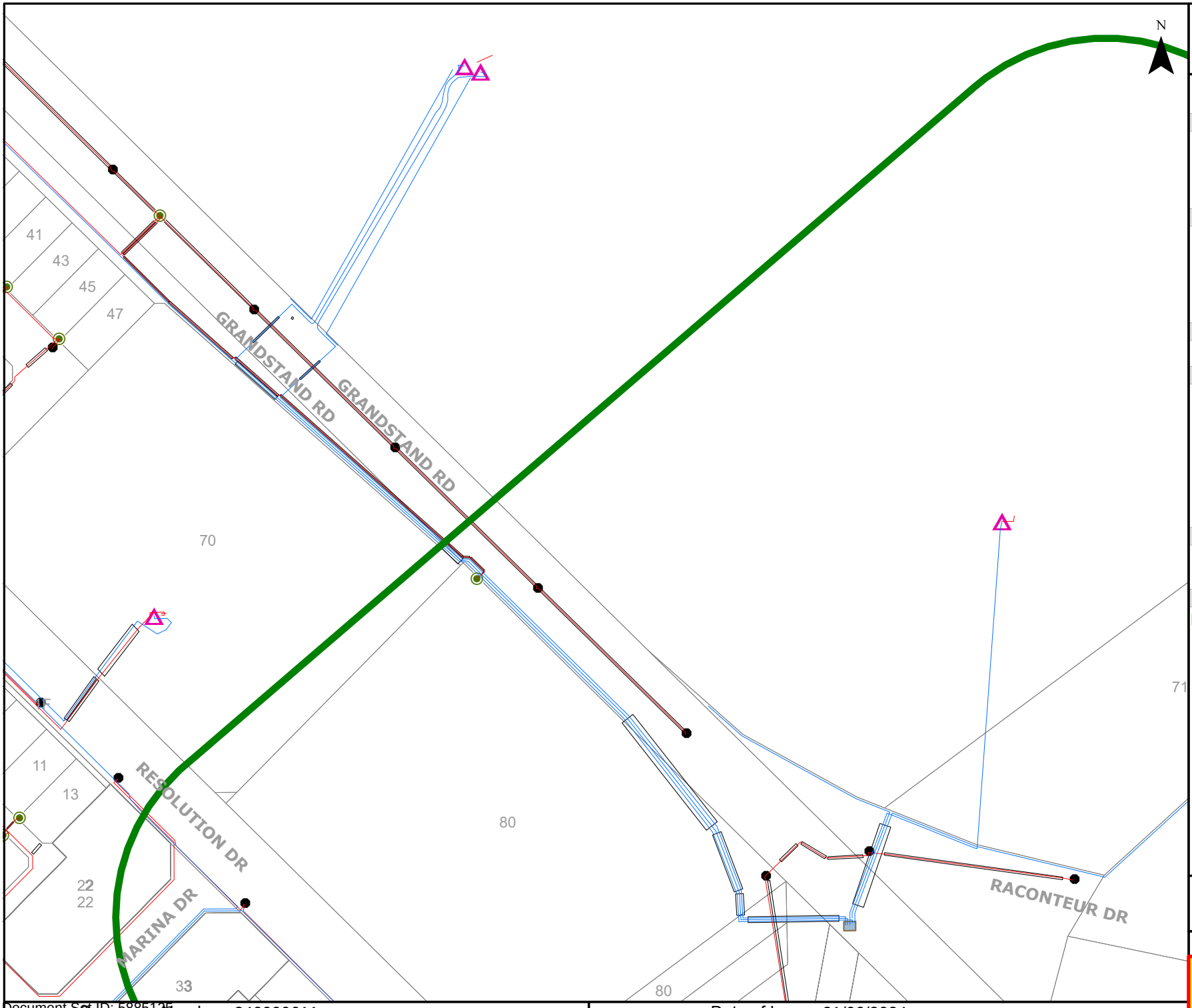
Information valid for 30 days from date of issue

A4 | Scale : 1:3075

WARNING! Look out for overhead power lines

Sequence Number: 240900611 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



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UNDERGROUND LEGEND

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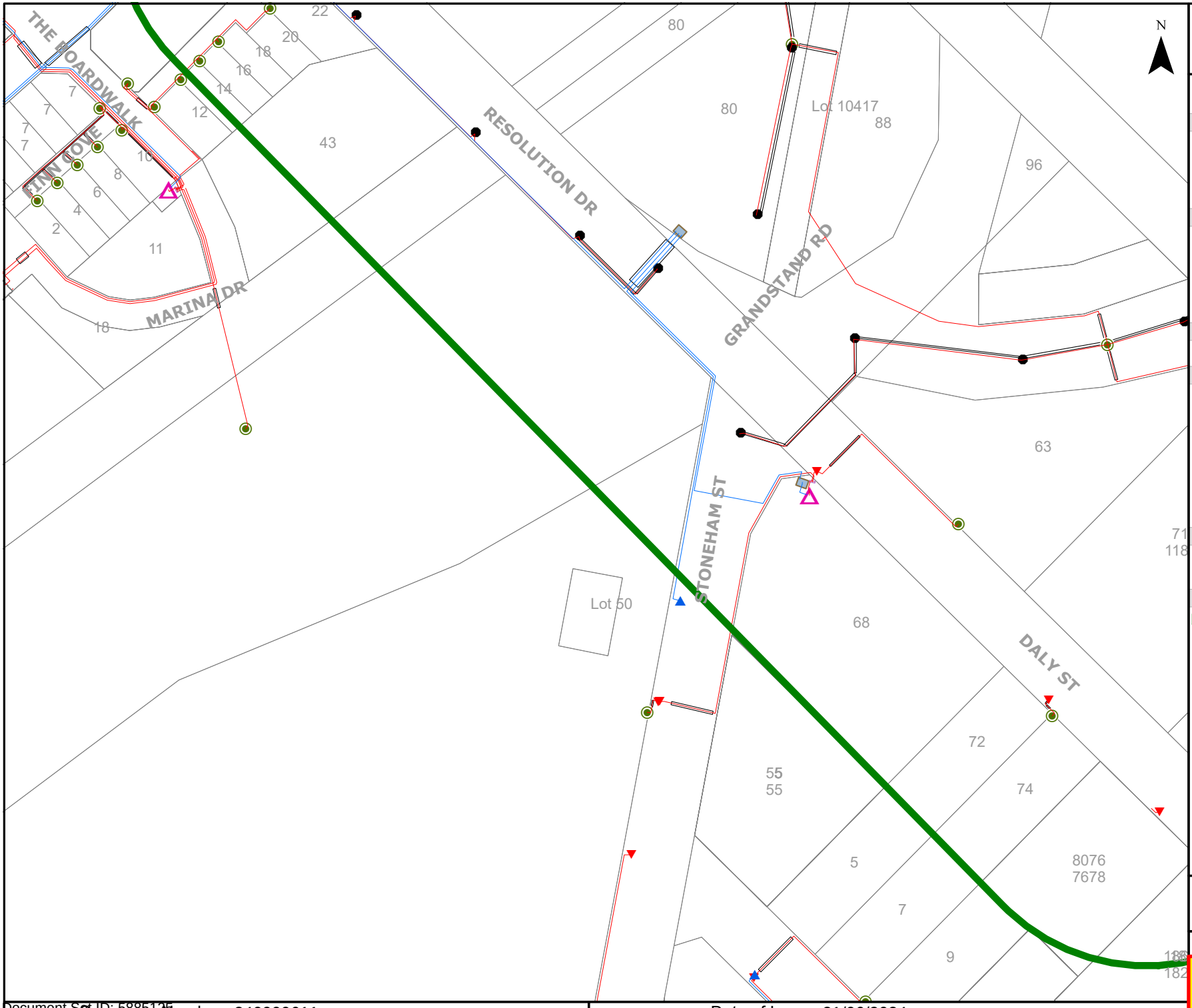
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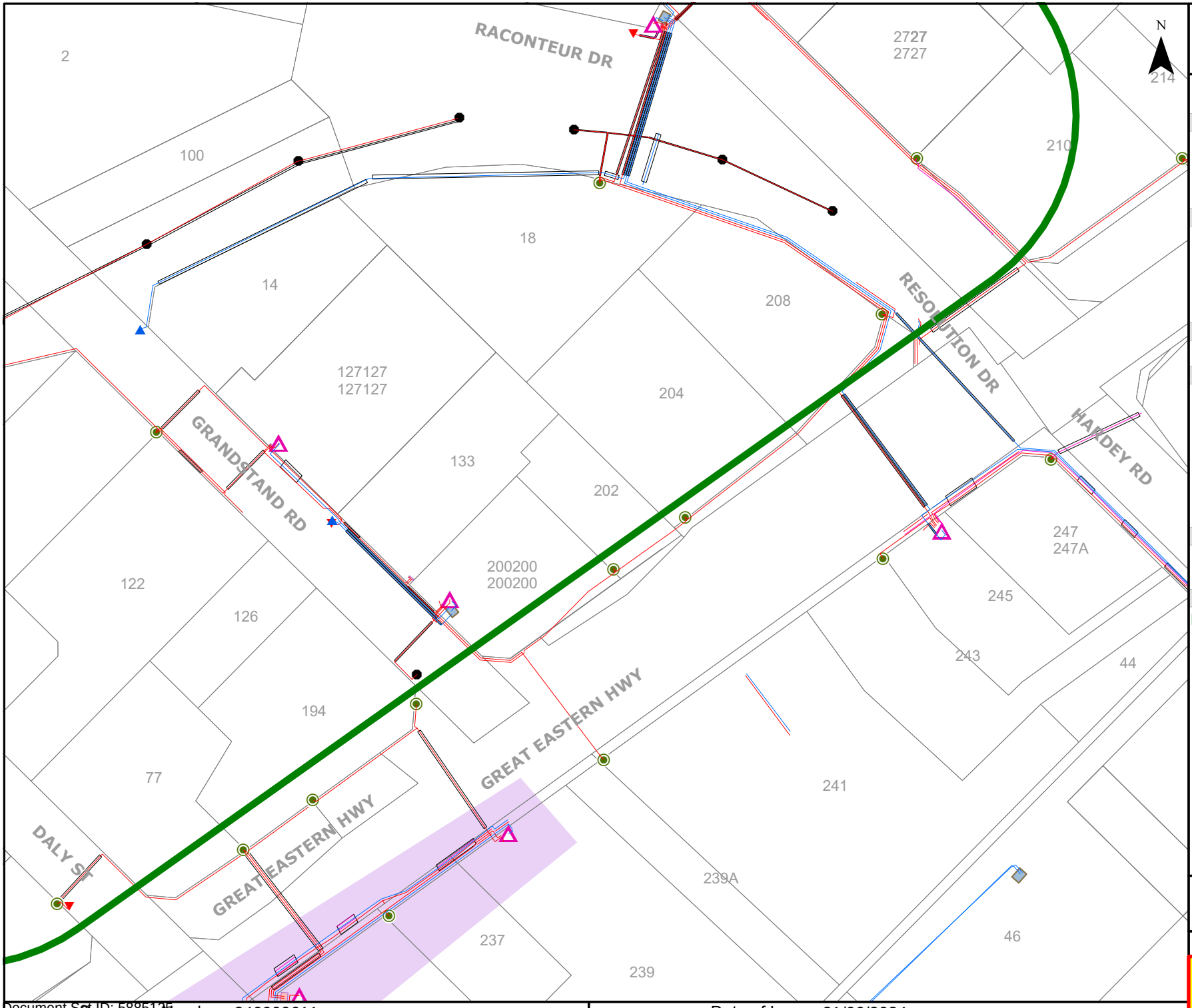
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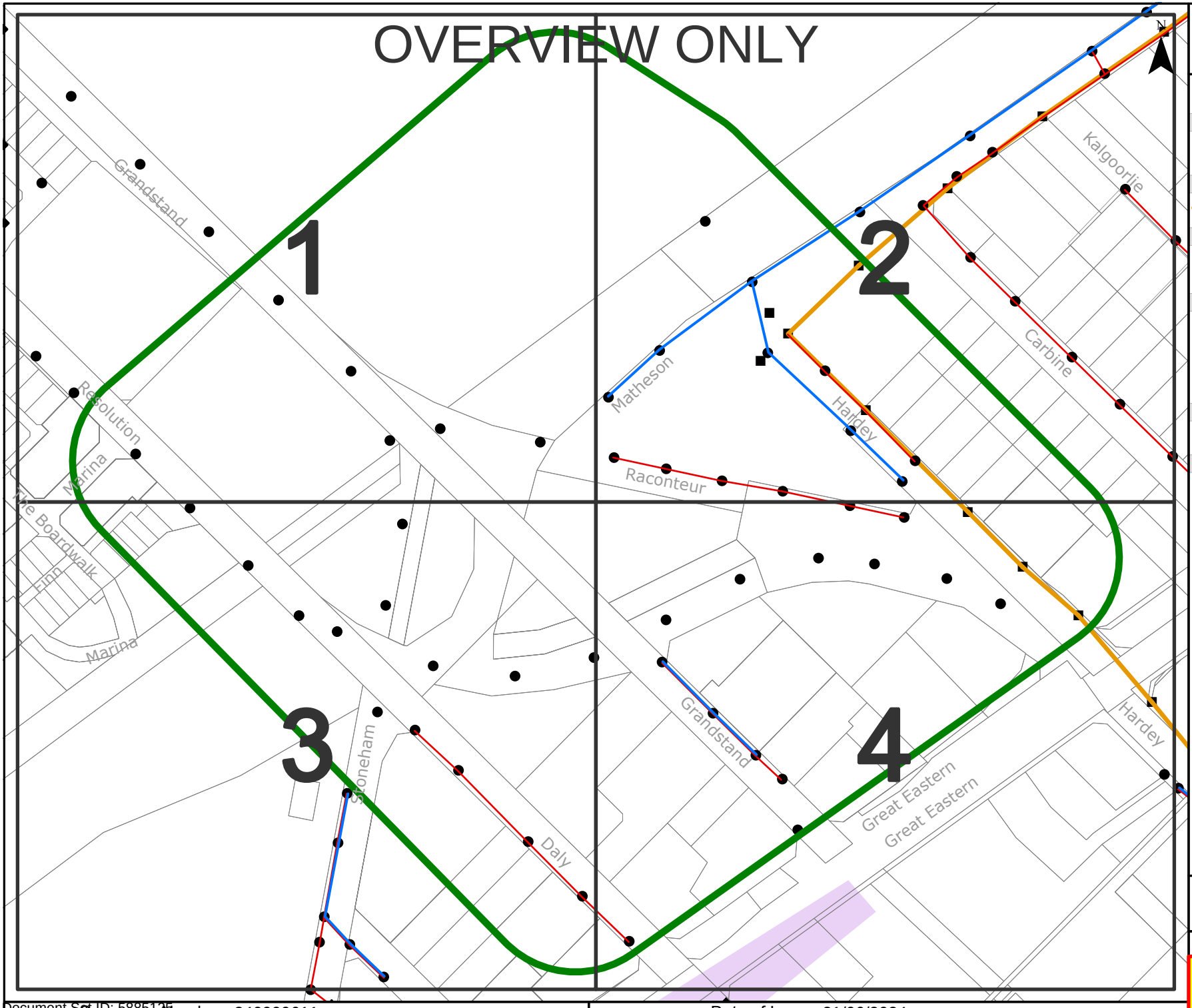
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westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
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Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

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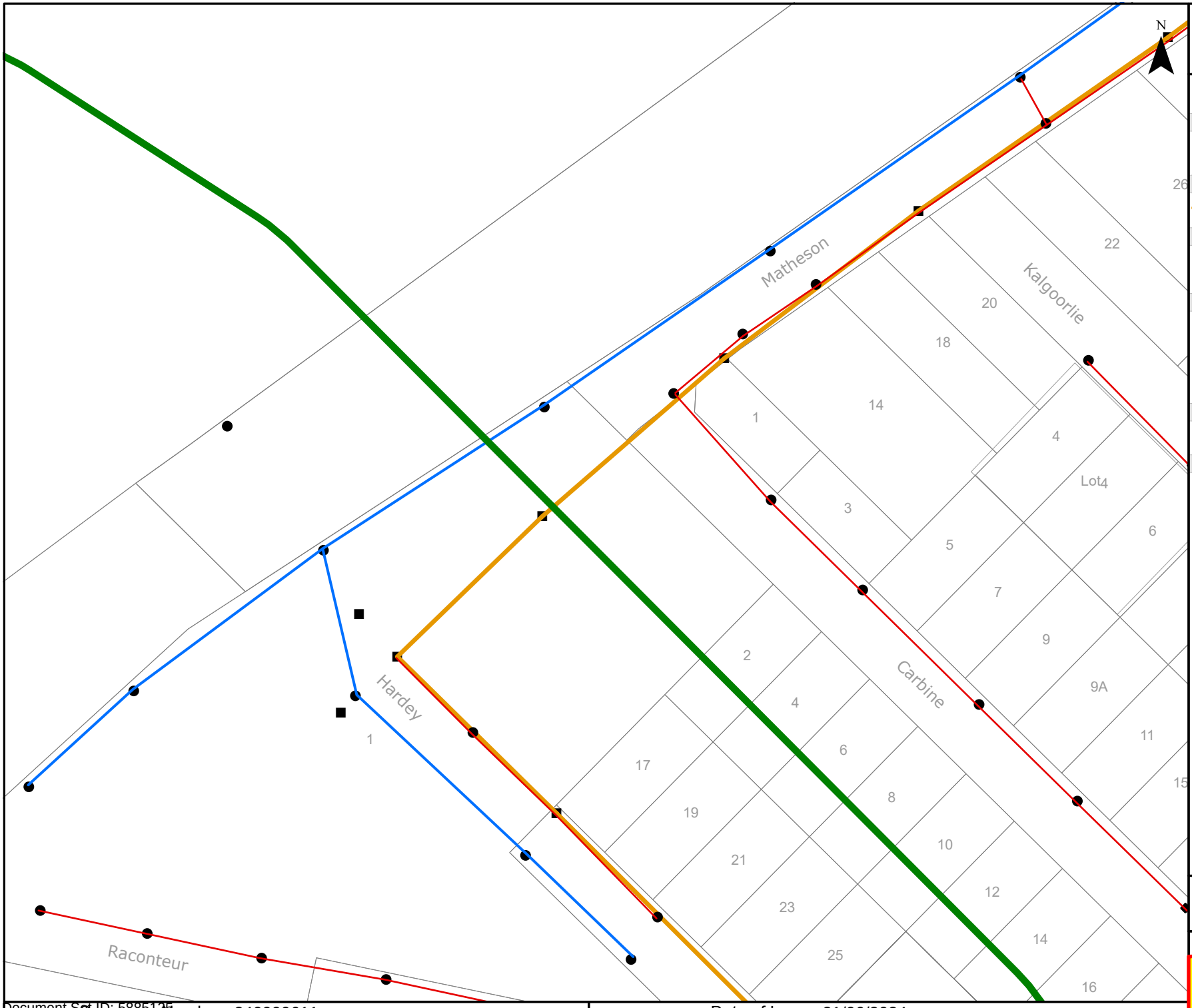
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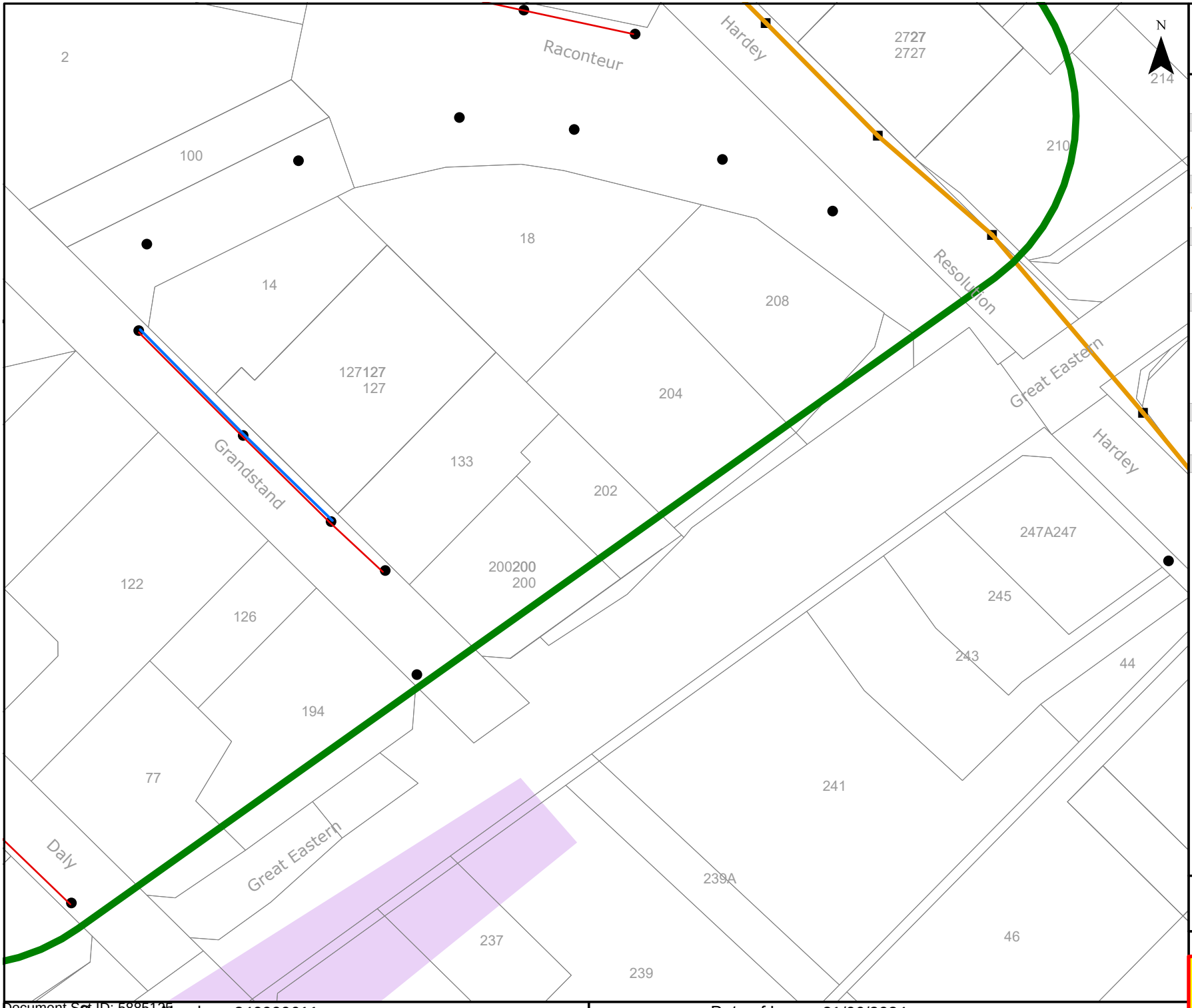
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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

Job No 36962238

byda.com.au

Contact Details

Contact	Contact number	Company	Enquirer ID
Justin Zielinski	0420 304 451	-	3140642

Email
jzielinski@tabec.com.au

Address
54 Havelock Street
West Perth WA 6005

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

Enquiry date	Start date	End date	On behalf of	Job purpose	Locations	Onsite activities
21/06/2024	24/06/2024	24/06/2024	Private	Design	Both Road	Planning & Design



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

User Reference	Address	Notes/description
Preinct D	70 Grandstand Road Ascot WA 6104	-

Your Responsibility and Duty of Care

- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the Privacy Policy and Term of Use.
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
240900580	ATCO Gas Australia	1300 926 755	NOTIFIED
240900576	NBN Co (WA)	1800 687 626	NOTIFIED
240900574	Optus (WA)	1800 505 777	NOTIFIED
240900578	Telstra (WA)	1800 653 935	NOTIFIED
240900575	Vocus (WA)	1800 262 663	NOTIFIED
240900579	Water Corporation	13 13 95	NOTIFIED
240900577	Western Power	13 10 87	NOTIFIED

END OF UTILITIES LIST

Document Set ID: 9885128
Version: 1, Version Date: 18/09/2024

ATCO UNDERGROUND ASSET DETAILS ASSETS AFFECTED
GAS DIVISION

ASSETS AFFECTED – see accompanying Plan

Justin Zielinski
ATCO Gas Australia
54 Havelock Street
West Perth
WA 6005

Job No: **36962238**
Sequence No: **240900580**
Date of Issue: 21 June 2024
Phone: **1300 926 755**

BYDA Utility Registration Name: Private
BYDA Location: **70 Grandstand Road Ascot WA 6104**

ATTENTION: This response to your enquiry has been interpreted from details in your requested DBYD picture location request only (not any street address you gave). It is your duty to ensure the accompanying plan/s match your geographical area of works.

IF YOU SEE, HEAR, SMELL OR OTHERWISE DETECT GAS,
LEAVE THE IMMEDIATE AREA AND THEN CALL 13 13 52

Our records indicate that ATCO gas infrastructure ***IS PRESENT*** in the vicinity of and/or surrounding area of the above enquiry. This response relates only to ATCO assets. Your Duty of Care requires that personnel **Must** at all times comply with, and have on site, this information sheet and the accompanying plan(s). All plans are subject to this information sheet. You should refer to the ATCO Self-service Portal (Link Here) or if unsure, contact ATCO on **1300 926 755** during business hours.

All information provided is to be used as a guide only (see Disclaimer item **5**). It does not absolve you or third parties from your Duty of Care obligations, including to take additional precautions where work has the potential to impact on gas assets, public safety or the environment, or from your duties at law (including Reg 3.21 of the Occupational Safety and Health Regulations 1996).

WARNINGS

- No works of any type within 15 metres of any **CRITICAL GAS ASSET** infrastructure without prior approval from ATCO
- **NO HOT WORK** within 15 metres of any gas infrastructure except in compliance with applicable laws & *Australian Standard 1674.* **Do Not** let heat sources or hot works impact on any gas infrastructure and take into consideration that the ground or adjacent structures may also be capable of transmitting heat so as to circumvent protection afforded by a heat shield or barrier
- **DANGER** - Gas can cause asphyxiation and is flammable. Keep all ignition sources well away (e.g., flames, matches/ lighters, sparks, electrical devices, vehicles or engines, mobile phones, cameras)
- Gas pipes **Must Not** be unsupported or left without adequate cover or protection without prior approval from ATCO
- Damage to the pipe coating or pipe itself can be very dangerous if not given immediate attention. Report any damage to ATCO immediately on **13 13 52**. **Do Not** attempt to repair any damaged gas infrastructure
- No alteration or removal of live or abandoned gas infrastructure without prior written approval from ATCO
- Any abandoned or proposed gas infrastructure indicated on the gas plans **Must** be treated as live
- Never assume the location or depth of any gas infrastructure. Pipes may not follow straight lines or maintain a constant depth. Always check carefully (e.g., by careful hand digging of potholes)
- Unauthorised repairs or tampering with gas infrastructure may result in prosecution under the *Energy Operators (Powers) Act 1979*. ATCO Gas Australia reserves all rights to recover compensation for loss or damage to its gas infrastructure or other property including for indirect or consequential losses.

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

PLANS:

Plans provided are current for **30 days only** from date of request. You must use current plans at all times.

Plans do not show all gas service lines (which connect gas mains to individual meter positions). See condition **3.c)** below.

If plan shows **additional detail** symbols (*) or ( ) in the area of proposed works it is **your duty** to obtain that further detail from the number below.

Plans (including the location of pipes, services, infrastructure and boundaries) are **approximate only**. You **Must** use safe and proper procedures – including **potholing** (see condition **4** below).

Plans are not a guide as to gas availability for connection purposes.

To call ATCO: **Weekdays from 7.30am to 3.30pm, call – 1300 926 755 After hours, weekends and emergencies, call – 13 13 52**

CONDITIONS FOR WORKS IN THE VICINITY OF ATCO ASSETS

1. Compliance with Warnings

You **Must** comply with the Warnings contained in this information sheet and the accompanying plan(s).

2. Compliance with 'Working around Gas Infrastructure' Document (Link Here) applicable laws and duty of care

All work (including but not limited to using Excavator's Augers, Directional, drilling machines, 'Ditch Witch' type trenching machine, Loader, Dozer, Skid Steer (Bob Cat)) **Must** comply with all applicable requirements in the 'Working around Gas Infrastructure' Document and with all applicable laws and Australian Standards. All due care must be exercised to locate any gas infrastructure in the vicinity and when conducting any works near them.

3. All Gas Infrastructure

All work that may have any impact upon any gas infrastructure (see **3.a)**, **b)** and **c)** below for examples) should be carefully planned with notification to ATCO well in advance of commencement. Contact ATCO on **1300 926 755** or visit Atco's online self-service portal (Link Here). Amongst other things, this includes excavation of or near gas pipelines, boring/drilling, crossings of pipelines (including by other underground infrastructure e.g. drains, power cables, etc.), road works and structural installations. In addition:

a) Critical Asset

No works of any type are permitted within 15 meters of these pipelines without prior approval from ATCO. For approvals contact ATCO on **1300 926 755** or visit the Atco online Self-service portal (Link Here)

You **Must** ascertain the location of any Critical Asset, in relation to your proposed work by:

- Locating a straight line between two marker danger signs, and
- Assessing the distance from this line to your proposed work area.

ATCO may require stand-by supervision during your works and will advise of attendance requirements.

b) Non Critical Assets

These pipelines are installed in most streets throughout the Perth metro area and several country centers. Main valves, regulator sets, and test points also exist at intervals along these pipelines. Where work may impact upon these pipelines or assets then ATCO **Must** be contacted as per item **3** above.

c) Gas Services and Meters

If a gas meter is installed on a property, an underground gas service pipe will run from the meter position to the gas main in the street. Plans do not show all gas service lines (with the exception of Critical Assets), but their presence must be anticipated. Most gas meter boxes installed since 1996 will include a sticker giving approximate guidelines for the gas service line location. All due care must be exercised to locate any gas services in the vicinity and when conducting any works near them.

4. Compliance with Safe Work Practices

It is your responsibility to have and comply with adequate safe work practices and procedures. Without limiting your obligations:

PLAN The complete & current Before you Dig Australia documentation and plans must always be on site & referred to for the duration of work. Refer to regulation 3.21 of the Occupational Safety and Health Regulations 1996 and the Utility Providers "Code of Practice" for further useful information.

PREPARE Prepare by reviewing the Before you Dig Australia Documentation and contacting ATCO if you need assistance. Look for onsite ATCO asset and infrastructure clues such as pit lids, marker posts and meters. No works of any type are permitted within 15 meters of a **CRITICAL ASSET** without prior approval from ATCO. For approvals contact ATCO on **1300 926 755** or visit the Atco website Self Service portal (Link Here) and allow suitable

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processing time. Atco recommends engaging a BYDA Certified Locator which includes undertaking electronic location prior to potholing.

POTHOLE Using current Before you Dig Australia plans, all gas pipes should be located (including any deviation in the direction of a gas pipe) by exposing them by careful digging using a HAND SHOVEL. Where the proposed work is parallel to a gas pipeline, pothole every 10 meters along the entire route. Damage to the pipe coating or to the pipe itself can create a very dangerous situation if not given immediate attention. If damage does occur, it **Must** be reported to ATCO immediately on Ph. **13 13 52**.

PROTECT Supervise and monitor all excavations near gas infrastructure using a dedicated spotter. Where any gas infrastructure is required to be exposed, adequate protection of the gas infrastructure is required to prevent potential damage. Also implement appropriate controls when conducting 'hot work' (in accordance with AS 1674) in the vicinity of the ATCO infrastructure such as; isolation; separation distance; the placement of an effective non-combustible barrier of sufficient size and thermal resistance for the intensity, type and duration of heat exposure; gas monitoring; monitoring the environment surrounding the ATCO infrastructure to ensure it is not being impacted by the work, and other controls as necessary.

PROCEED You should **only proceed** with your excavation work after you have planned, prepared, potholed (unless prohibited) and have protective measures in place. All locations markers/pegs are to be removed on completion of works. If you are unsure, **DO NOT** Proceed. Call ATCO on **1300 926 755**

5. Disclaimer and Further Terms

a) Nothing in this document, any accompanying plan or the 'Additional Information for Working around Gas Infrastructure' (AGA-O&M-PR24) (together called "**Documents**") purports to exclude or modify any term, condition or warranty to the extent that by law it cannot lawfully be excluded or modified by agreement or notice, including but not limited to those contained in Schedule 2 of the *Competition and Consumer Act* 2010 (Cth) and corresponding provisions of any state legislation.

b) If any of ATCO, or their respective related entities, officers, employees, agents, contractors or advisers (together called "**Associates**") is liable for a breach of a term, condition or warranty described in paragraph **5.a)** above, its liability is, to the fullest extent permitted by law, limited to any one or more of the following as it determines in its absolute discretion:

i) in relation to goods supplied by them, replacing or repairing the goods, supplying an equivalent item, paying the cost of replacing or repairing the goods or paying the cost of acquiring or hiring an equivalent item; and

ii) in relation to services supplied by them, the re-supply of the services or the payment of the cost of having the services re-supplied.

c) Subject to paragraphs **5.a)** and **b)**, but otherwise despite any other provision in the Documents, no representation or warranty is made or given (whether expressly or by implication) by any of ATCO or their respective Associates in respect of any information contained or referred to in any of the Documents or in any other communication from ATCO concerning any of the Documents or the subject matter of any of the Documents ("Information"). In particular, but without limiting the generality of the foregoing limitation, none of ATCO or their respective Associates makes any warranty or representation as to the truth, accuracy, completeness, reliability, currency, timeliness, quality or fitness for any purpose of or the standard of care taken in the preparation of any Document or Information (including, but not limited to, the accuracy of the scale of, or the location of anything or symbol shown on, any plan or diagram).

d) Subject to paragraphs **5.a)** and **b)**, to the maximum extent permitted by law, none of ATCO or their respective Associates is liable to any person or other body ("**Recipient**") who receives or otherwise obtains access to all or any part or parts of the Documents or Information, in any way (including, but not limited to, liability for negligence, breach of statutory duty or lack of care) in respect of any cost, expense, damages, loss or liability, including, but not limited to:

i) any financial or economic loss, cost, expense or damage, including but not limited to loss of production, loss of profit, loss of revenue, loss of use, loss of contract, loss of goodwill or loss of business opportunity;

ii) any new or increased costs or expenses, including but not limited to financing or operating costs;

iii) any failure to achieve any actual or anticipated saving in respect of any cost or expense;

iv) any cost, expense, damage or loss resulting from any liability of the Recipient to any other person or body howsoever and whensoever arising, suffered or incurred by the Recipient in relation to, or in connection with, the disclosure to them of, or use of, or reliance on, all or any

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part or parts of the Documents or Information.

e) By using any Document or Information, each Recipient is taken to represent and warrant to ATCO that the Recipient will comply with the conditions and other terms referred to in the Documents or Information, including but not limited to conditions that:

i) the Recipient **Must** comply with the conditions in numbered paragraphs **1** to **4** above and this paragraph **5**;

ii) as between ATCO and each Recipient, ATCO owns the Information and all rights and title in and to the Information are to remain vested in ATCO;

iii) no Recipient has any right, title or interest in the Information or, except as expressly provided for in the Documents, any license or right to copy, alter, modify, publish or otherwise use or deal with the Information without prior written approval from ATCO;

iv) ATCO makes no representation and gives no warranty as to its right to disclose any Information;

v) the Recipient relies on any Information entirely at its own risk and expense;

vi) the Recipient **Must** undertake its own independent due diligence and investigations in relation to the Information;

vii) none of ATCO or their respective Associates owes the Recipient any duty of care in respect of the Information; and

viii) none of ATCO or their respective Associates is under any obligation to correct, update or revise any Documents or Information.

GAS MAIN AND SERVICE IDENTIFICATION

LEGEND

1. Critical Asset (See **WARNINGS** page 1)
2. Pipe Diameter (millimetres)
3. Pipe Material

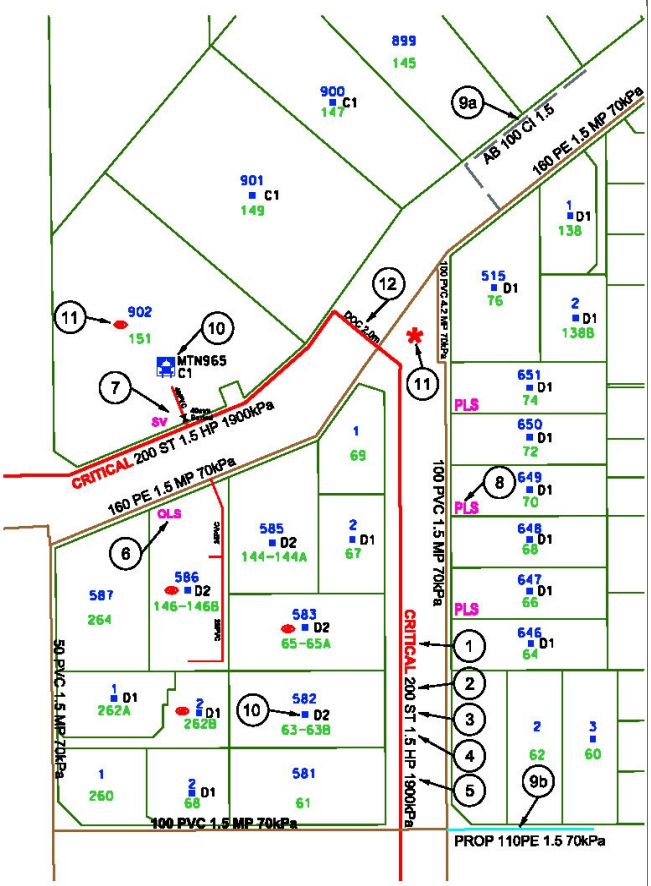
   CI = Cast Iron PE = Polyethylene
   GI = Galvanised Iron PVC = PVC
   ST = Steel
4. Alignment (in metres from property line)
5. Pressure in main (MP 70 kPa = Medium Pressure and MAOP (Maximum Allowable Operating Pressure)
6. Off-line Service – service may not be straight line to meter. (**WARNING – OLS may not always be shown on plan**. See item **Error: Reference source not found** above)
7. Service Valve in the vicinity
   (**NOTE:** Service Valve may be **"BURIED"**)
8. Pre-laid Service laid in Common Trench
9. Main Status: (See **WARNINGS** page 1)

   9a. AB = Abandoned Mains

   9b. PROP = Proposed Mains
10. Customer Connection: Does not indicate actual location of Meter Position

    D2 (D = Domestic & 2 = Number of Meters)

    C1 (C = Commercial & 1 = Number of Meters)
11. **Additional detail available and Must be obtained if within area of proposed works – see page 2 above.**
12. Depth of Cover (DOC) in metres.



IF UNSURE, PLEASE CONTACT ATCO ON **1300 926 755**

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ATCO

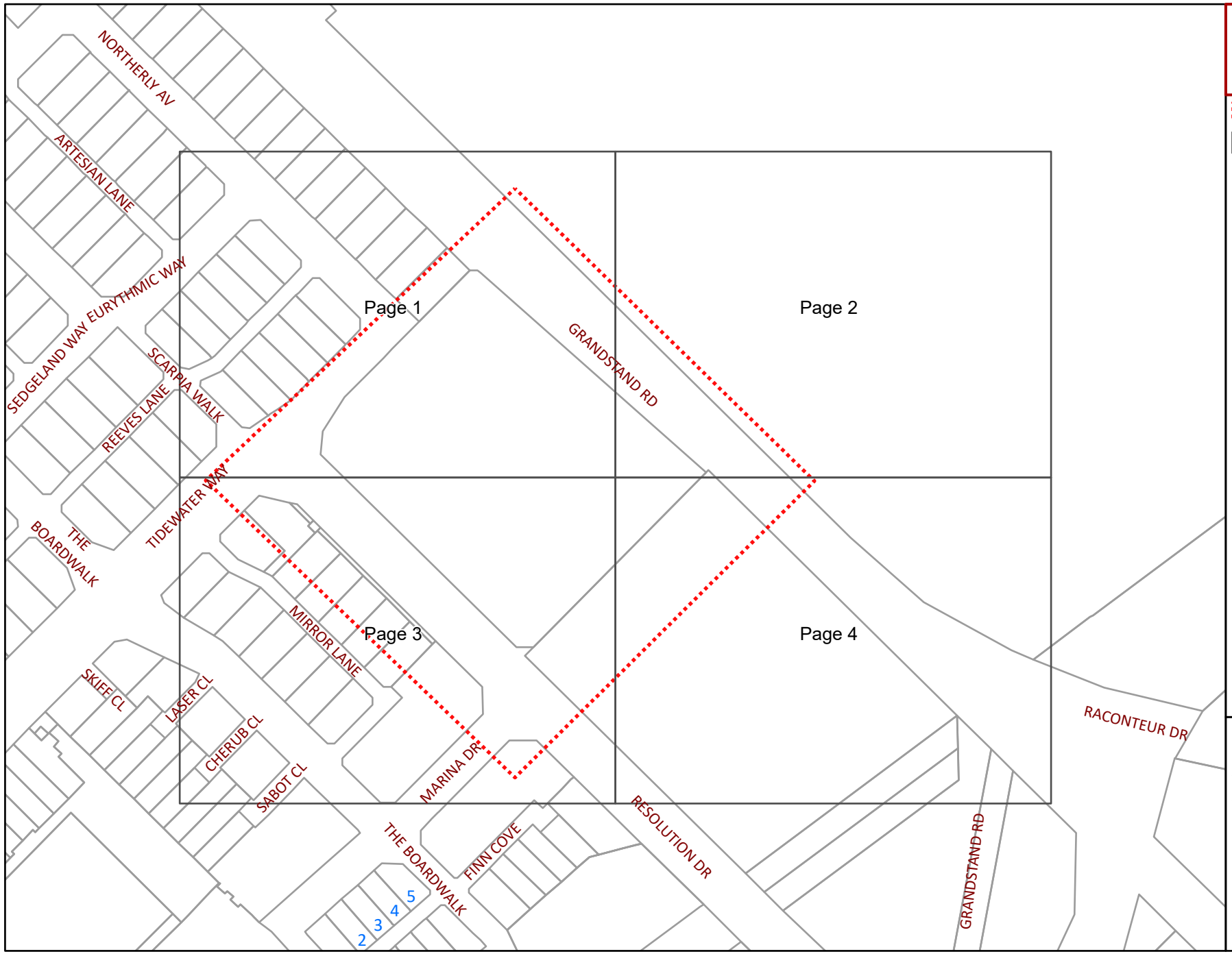
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ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)
Index Sheet

Seq # 240900580
Job # 36962238

BYDA Location: 70 Grandstand Road Ascot 6104
Scale: 1:2,000

BEFORE YOU DIG www.byda.com.au



WARNING
Refer to Cover Sheet for Further Information

BYDA Enquiry

Detailed map page

Please refer to Symbols Sheet for Further Information

Disclaimer:
Please read all **warnings**, conditions and information on the attached "Underground Asset Details" information sheet. This plan is issued subject to that information and those conditions and **warnings** (including, but not limited to, the "NO HOT WORKS" warning). Plans are current for only **30 days** from date of request, indicative only and not warranted to be accurate. It is your responsibility to carefully locate underground assets and follow safe work practises and procedures (eg pot-holing).
ATCO Gas Australia will seek compensation for damage caused to assets.

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ATCO

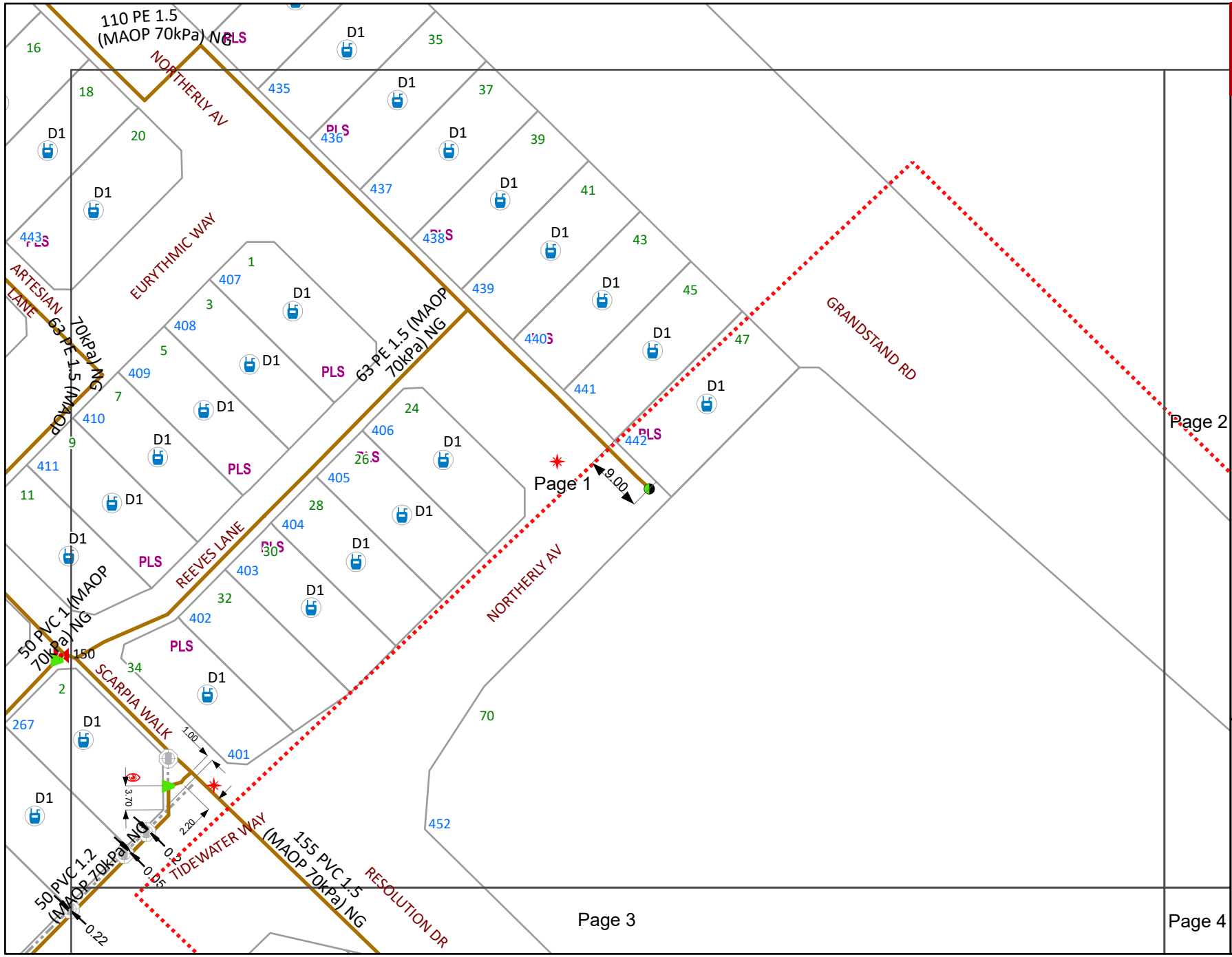
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Date: 21/06/24 (valid for 30 days)

Seq # 240900580
Job # 36962238

BYDA Location: 70 Grandstand Road Ascot 6104
Scale: 1:800

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WARNING
Refer to Cover Sheet for Further Information

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
- Common Trench
- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
- Interval Meter
- Proposed Meter
- Removed Meter
- BL End of Main Building
- CoD End of Main on Direction Peg
- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
- See Details
- SC Side Elevation
- Sign
- PLS Pre Laid Service
- PLSS Pre Laid Service Stairs
- PLST Pre Laid Service Tee

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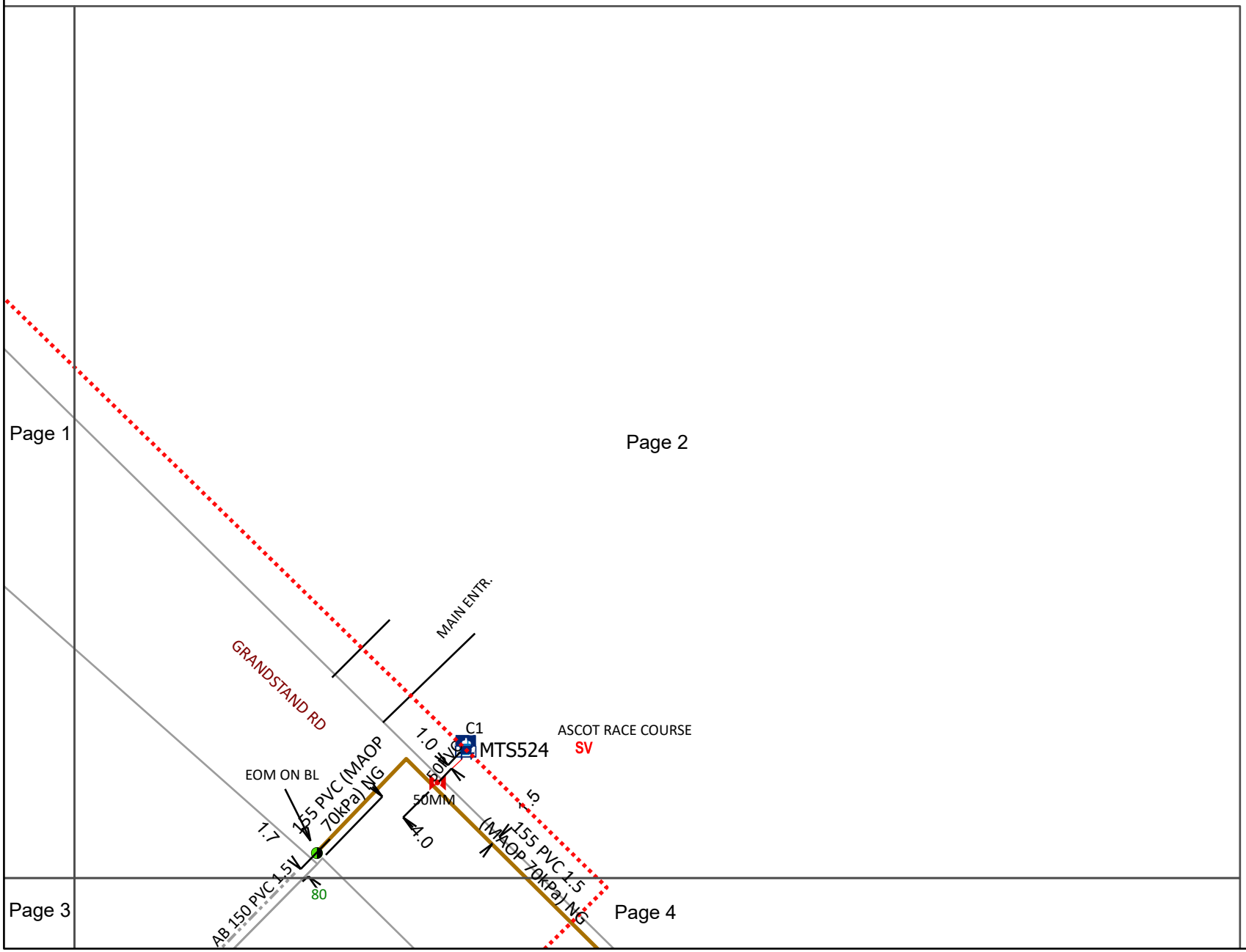
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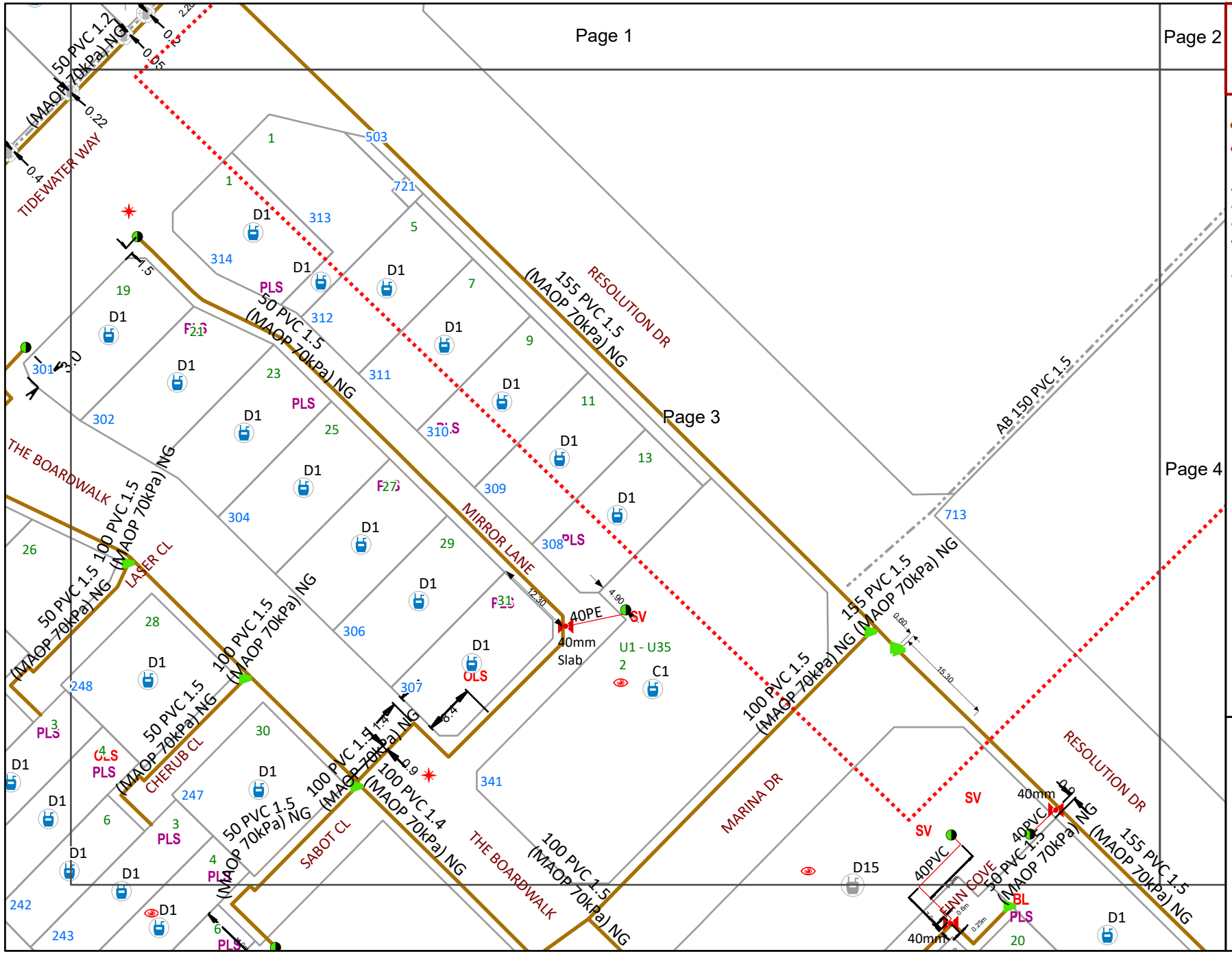
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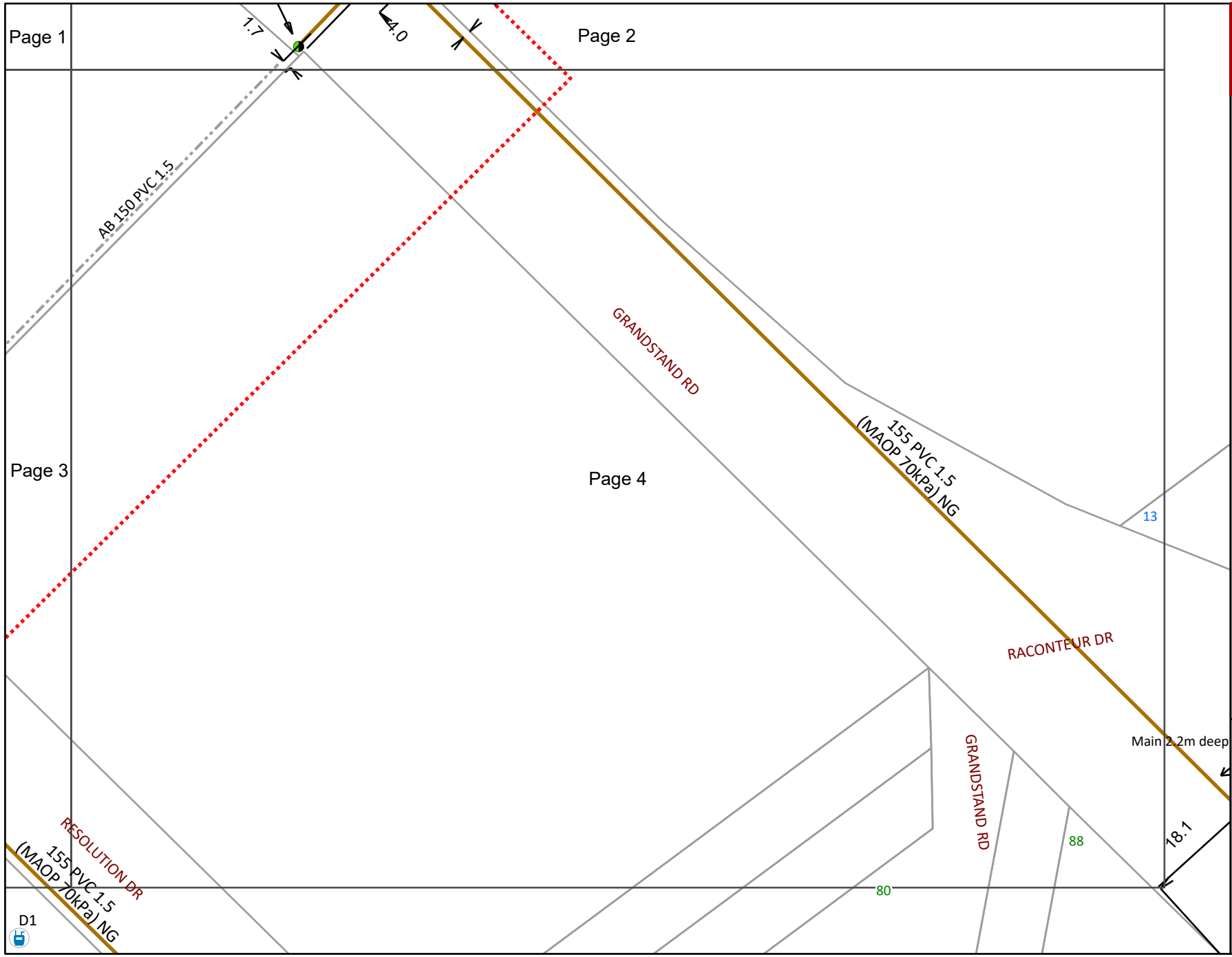
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ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900580
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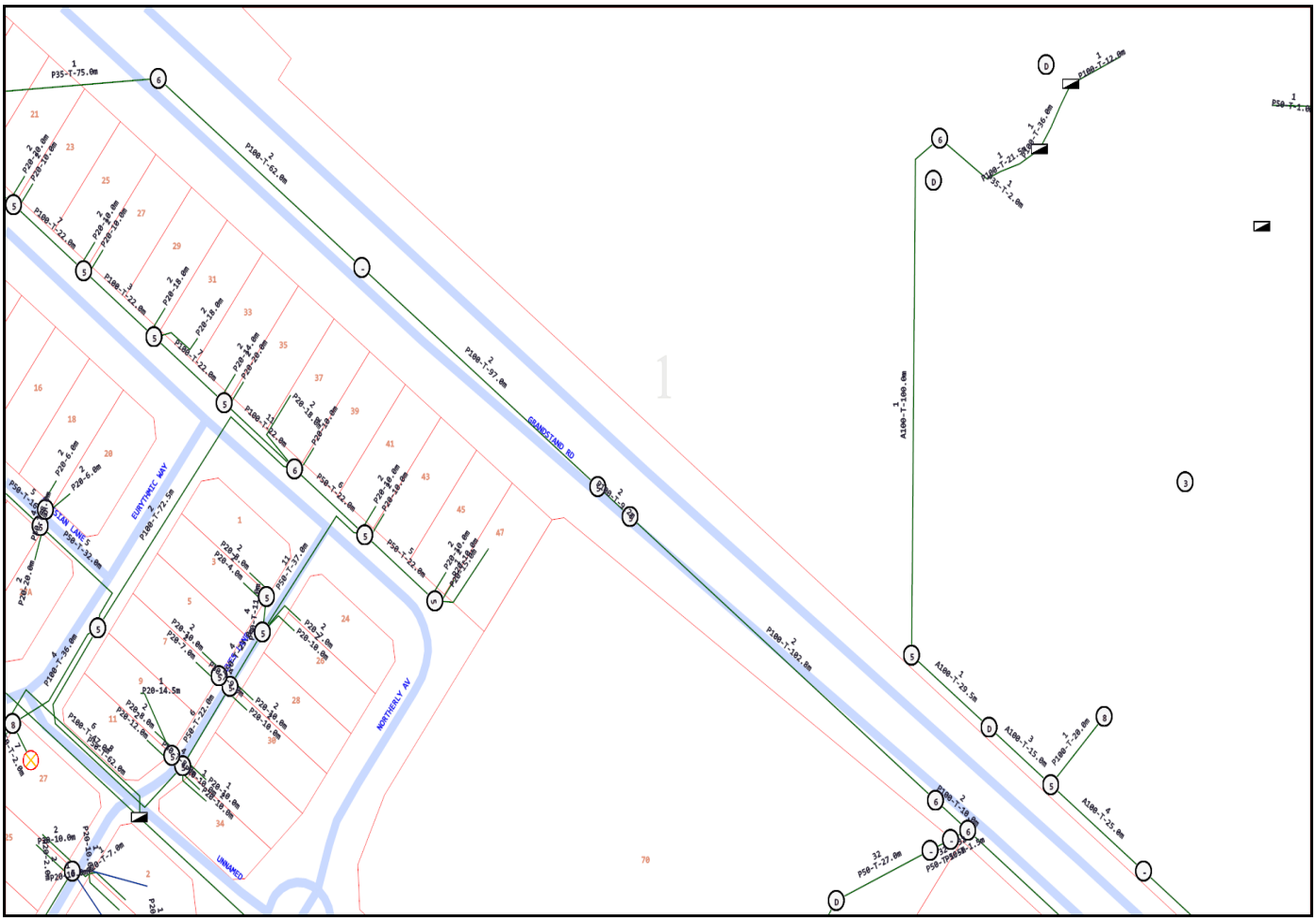
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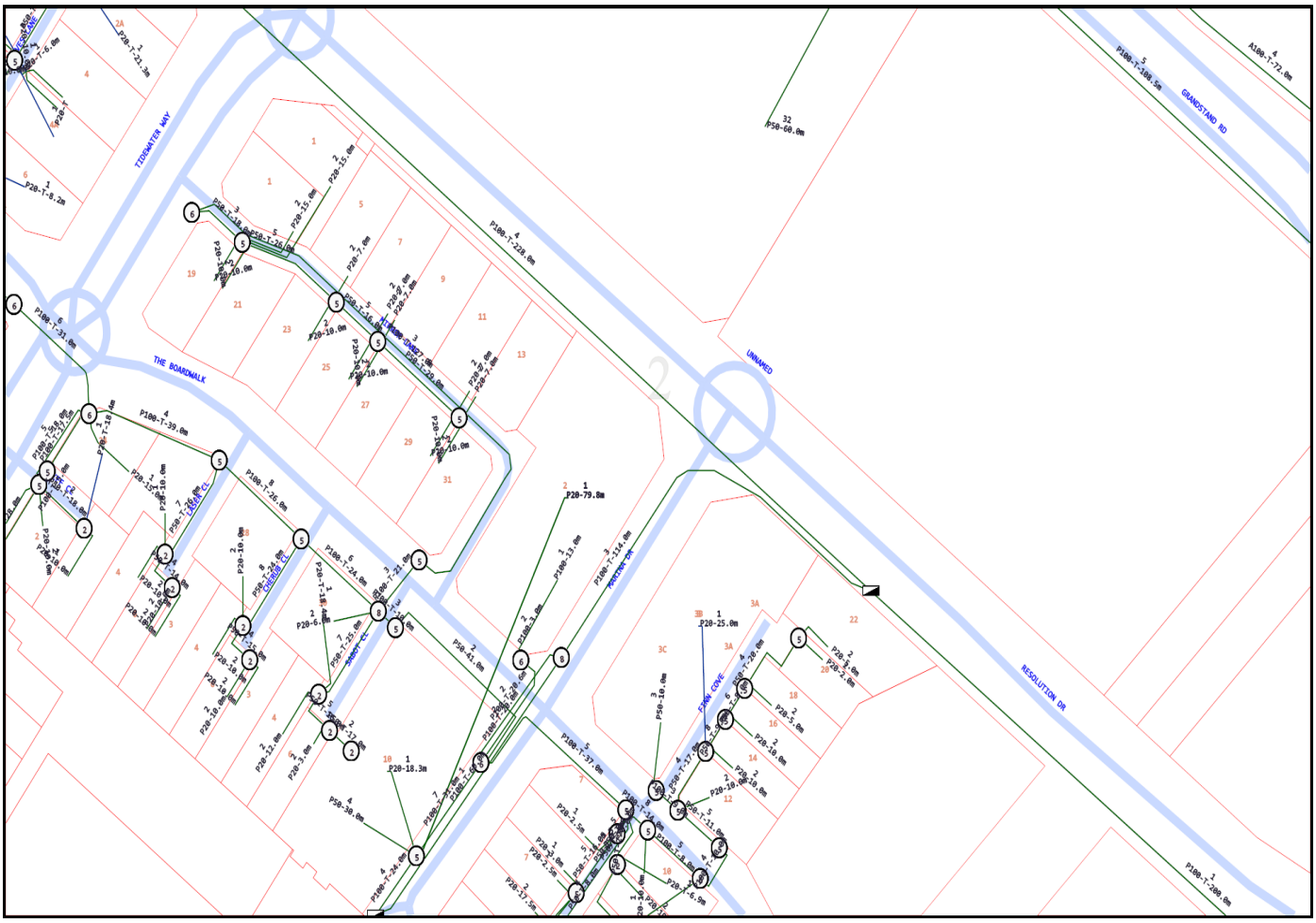
Disclaimer:
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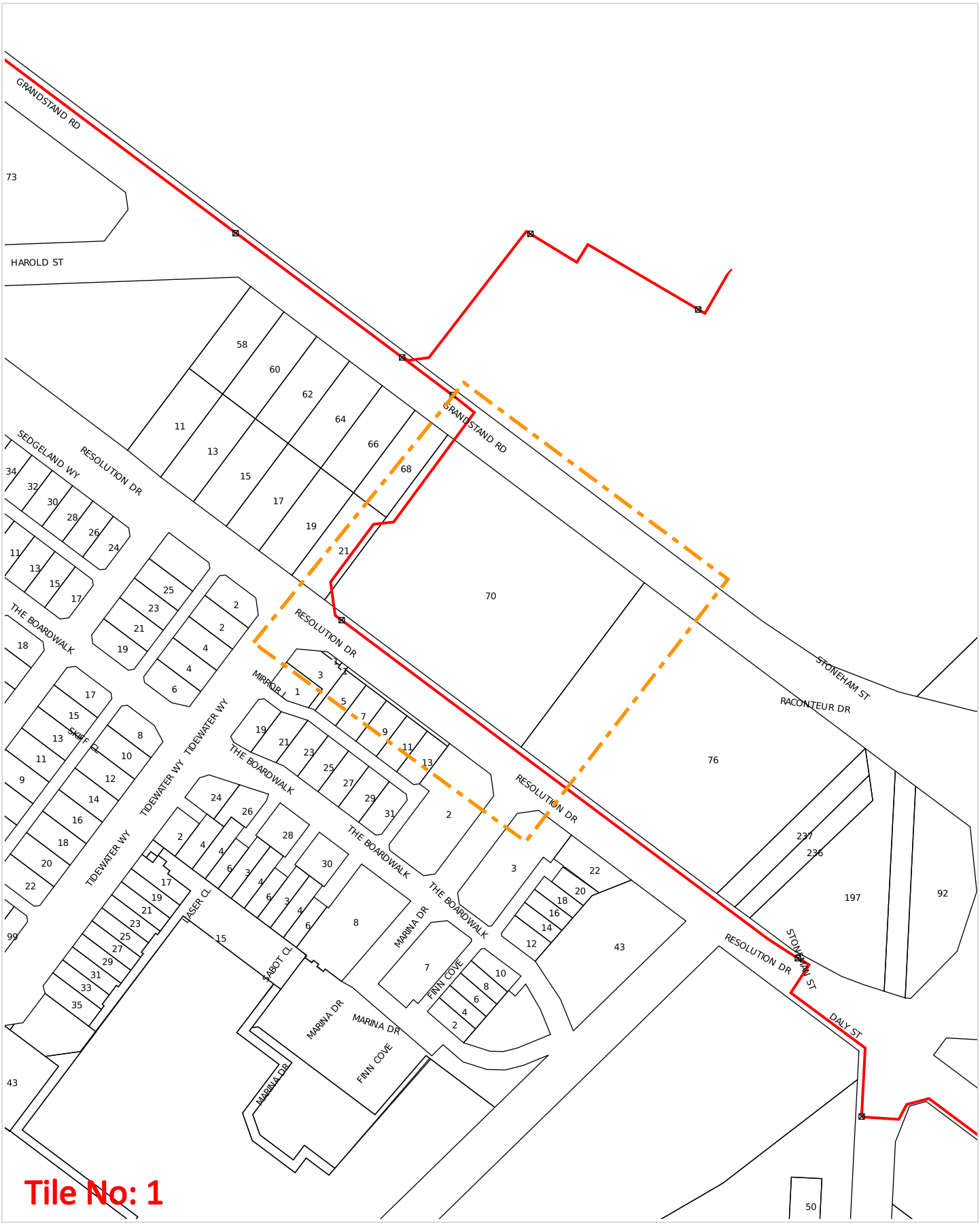


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Emergency Contacts

You must immediately report any damage to the **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.



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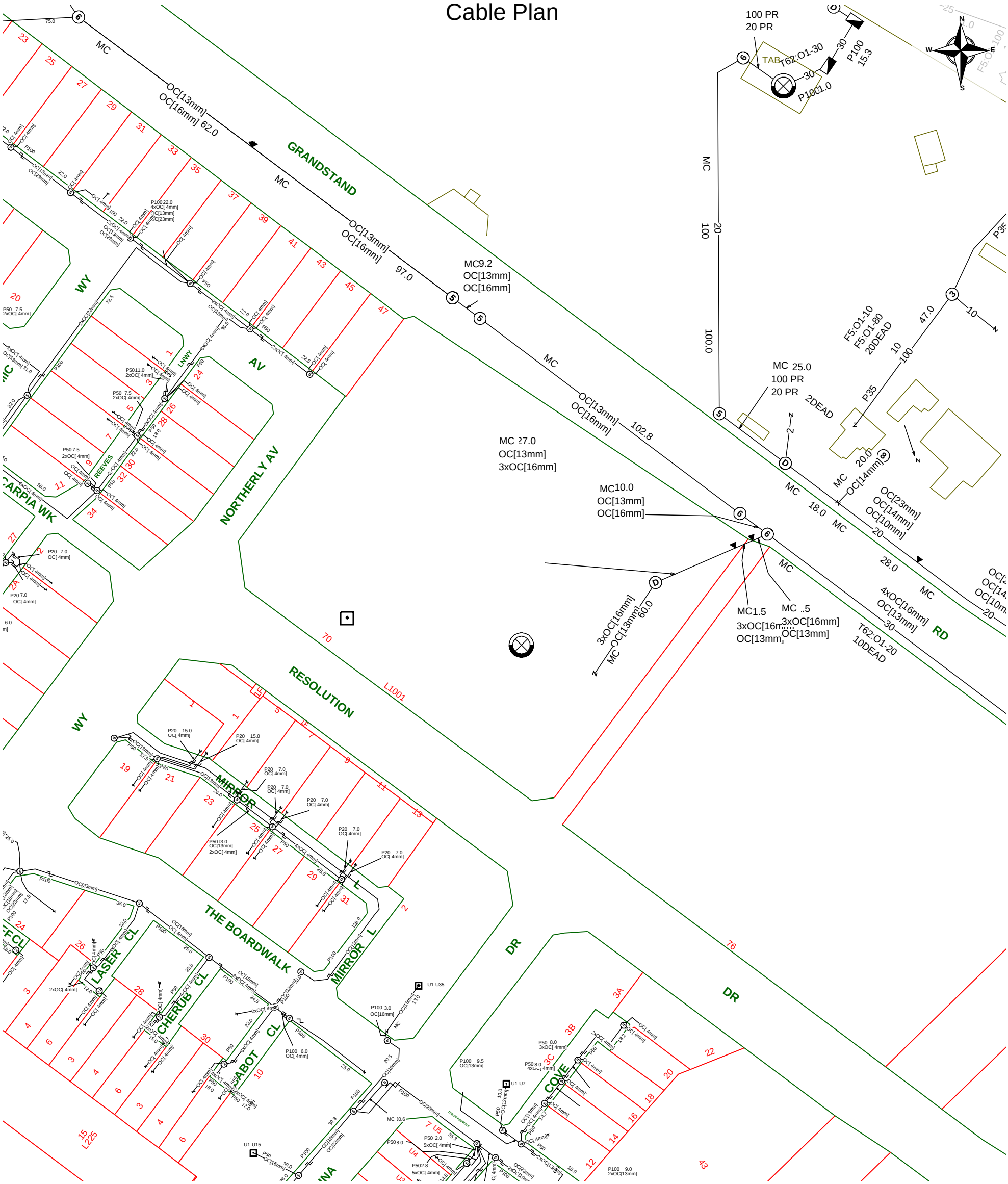
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Date Generated: 21 Jun 2024

For all Optus DBYD plan enquiries –
Email: Fibre.Locations@optus.net.au
For urgent onsite assistance contact 1800 505 777
Optus Limited ACN 052 833 208

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Cable Plan



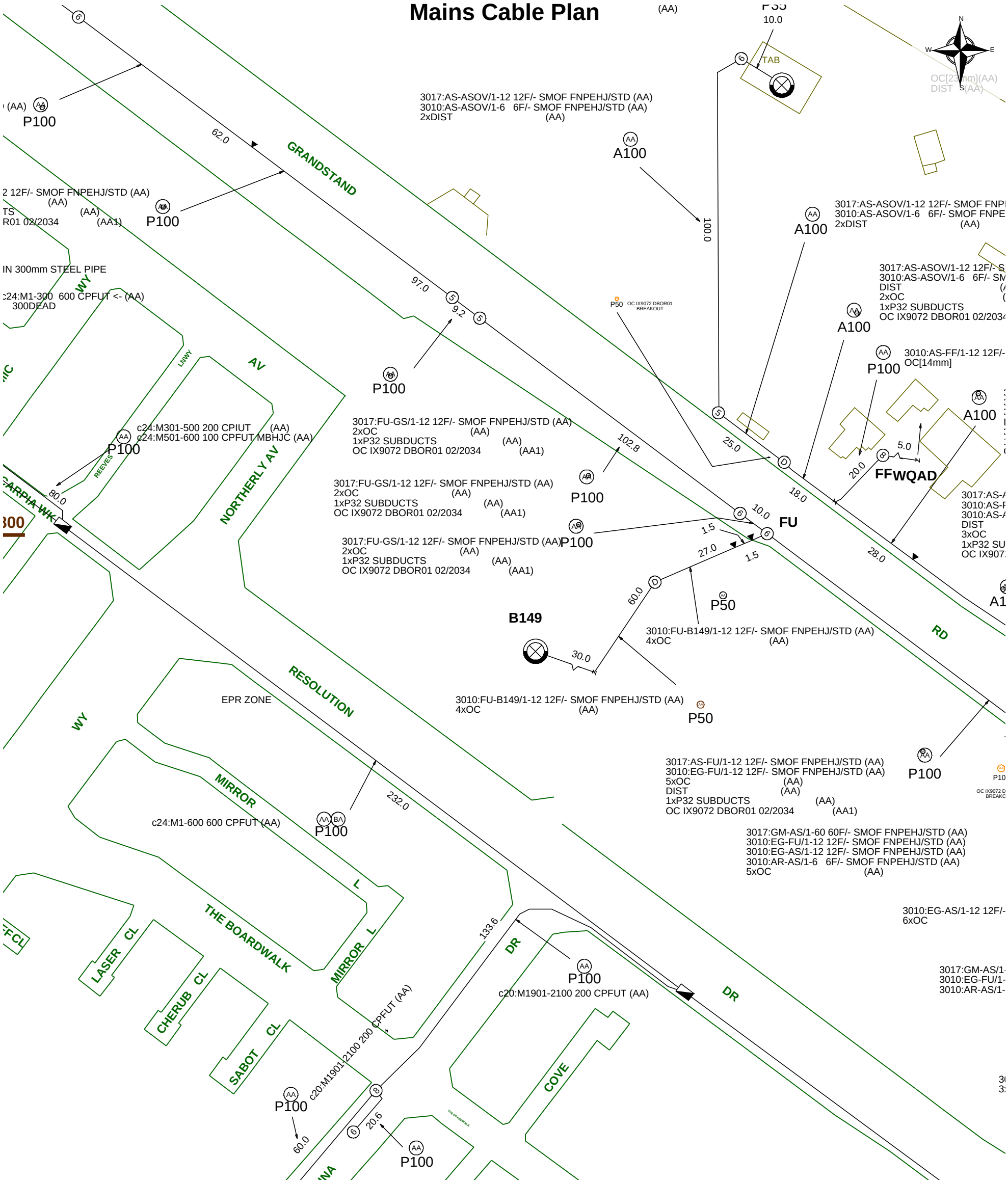
Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment Ph - 13 22 03 Email - Telstra.Plans@team.telstra.com Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries	Sequence Number: 240900578
TELSTRA LIMITED A.C.N. 086 174 781	CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.
Generated On 21/06/2024 19:05:32	

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

WARNING
Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.
As such,Telstra supplied location information is indicative only.Spatial accuracy is not applicable to Quality Level D.
Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.
Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.
Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.
A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.

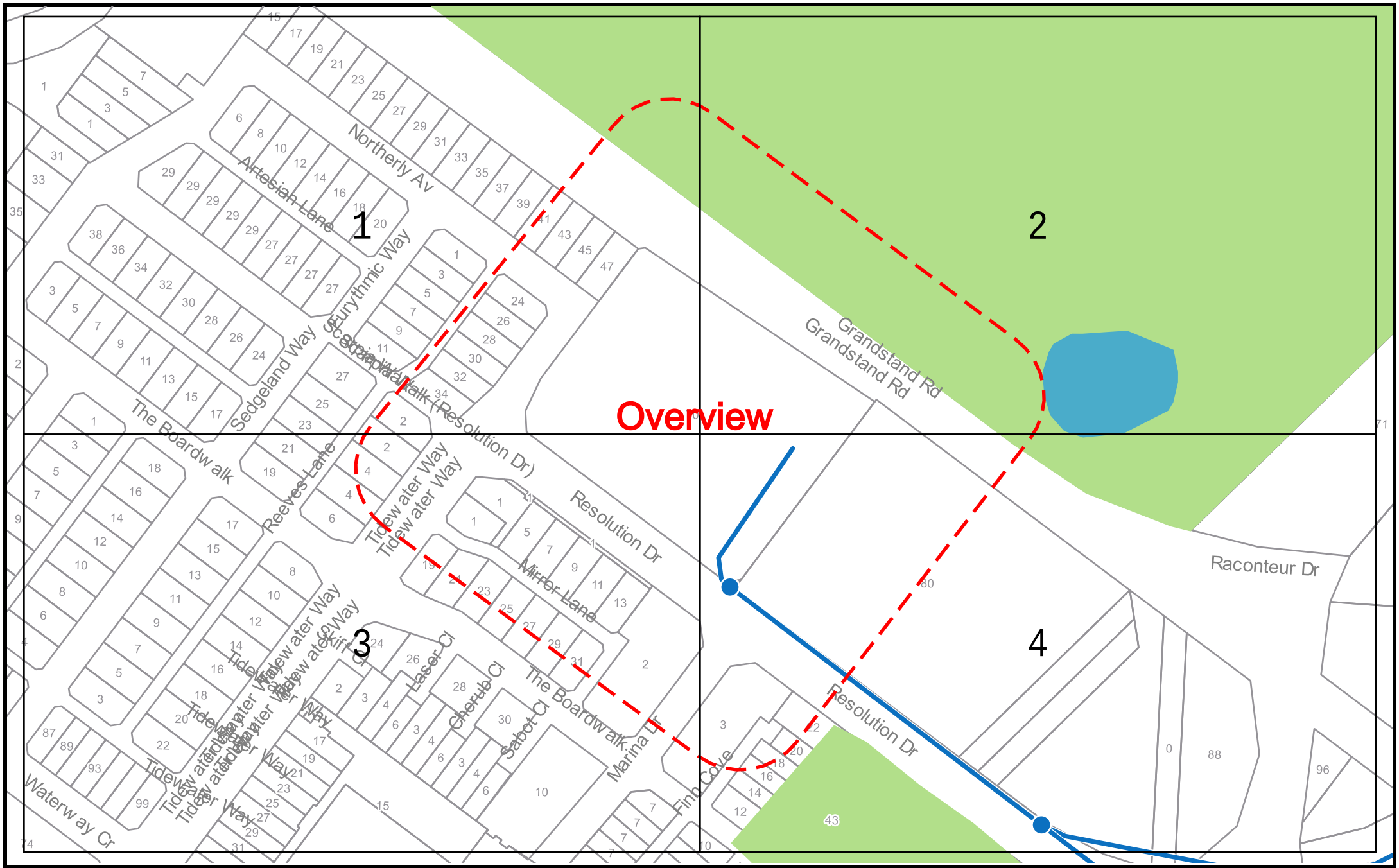
Mains Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment Ph - 13 22 03 Email - Telstra.Plans@team.telstra.com Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries	Sequence Number: 240900578
TELSTRA LIMITED A.C.N. 086 174 781	CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.
Generated On 21/06/2024 19:05:34	

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See the Steps- Telstra Duty of Care that was provided in the email response.



SEQUENCE NUMBER: 240900575
JOB NUMBER: 36962238
ADDRESS: 70 Grandstand Road, Ascot, WA 6104

LEGEND
Vocus Group Pit
Vocus Group Conduit

SCALE: 1:2050

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The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.



VOCUS communications

N W E S

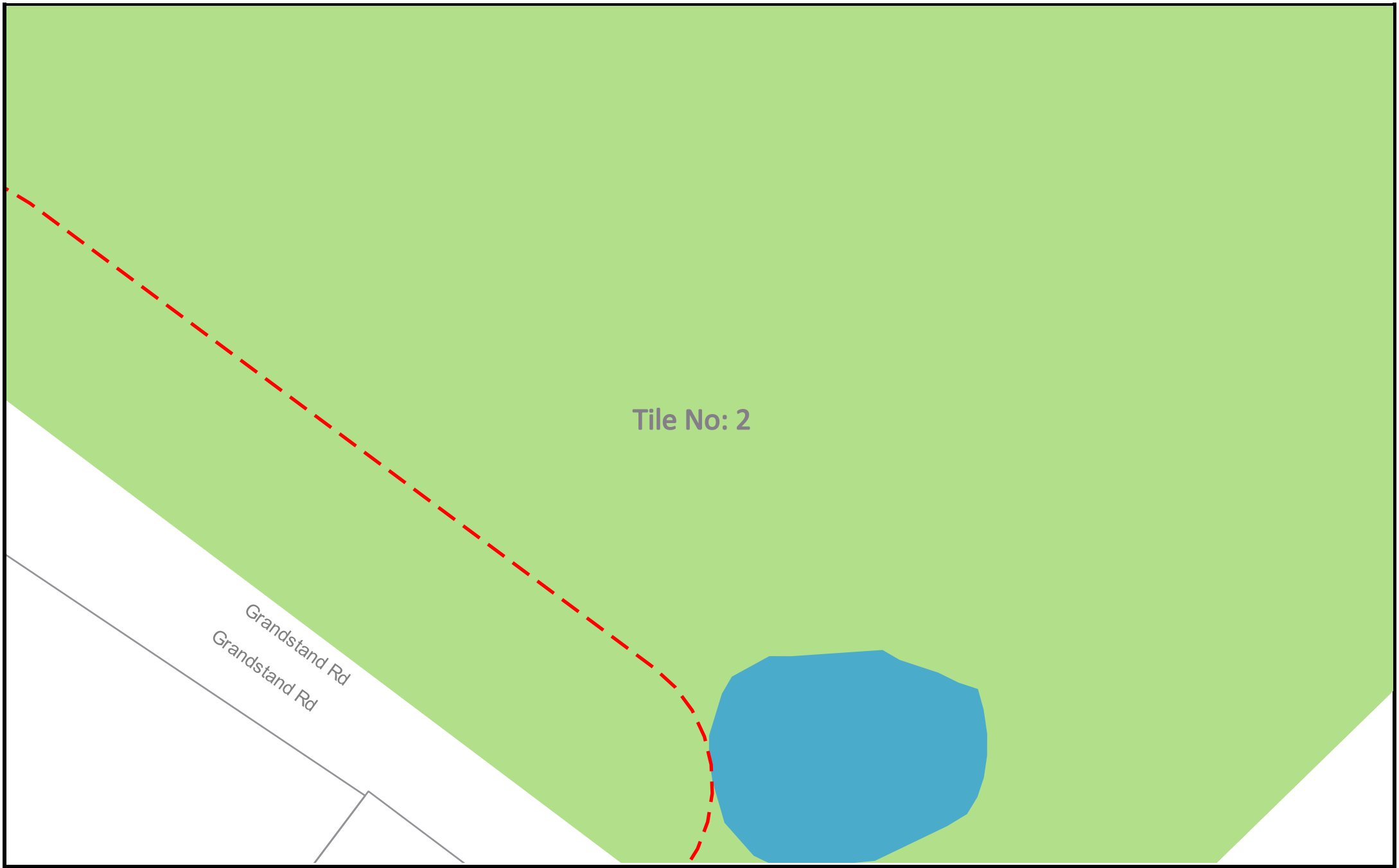
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LEGEND
Vocus Group Pit
Vocus Group Conduit

SCALE: 1:1000

Document Set ID: 3883123
Version: 1, Version Date: 18/09/2024

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.



VOCUS communications

N W E S

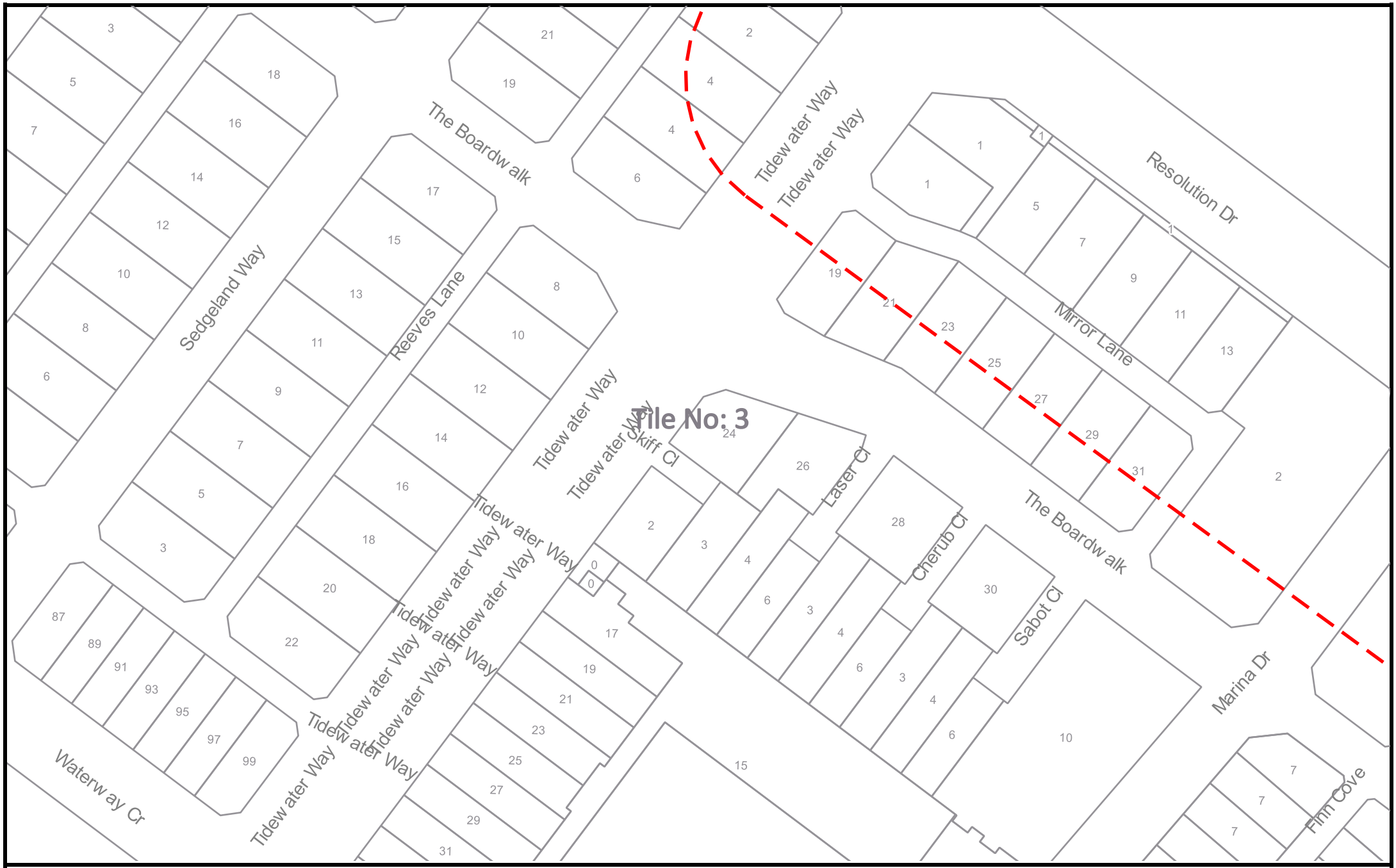
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JOB NUMBER: 36962238
ADDRESS: 70 Grandstand Road, Ascot, WA 6104

LEGEND
Vocus Group Pit
Vocus Group Conduit

SCALE: 1:1000

Document Set ID: 3883123
Version: 1, Version Date: 18/09/2024

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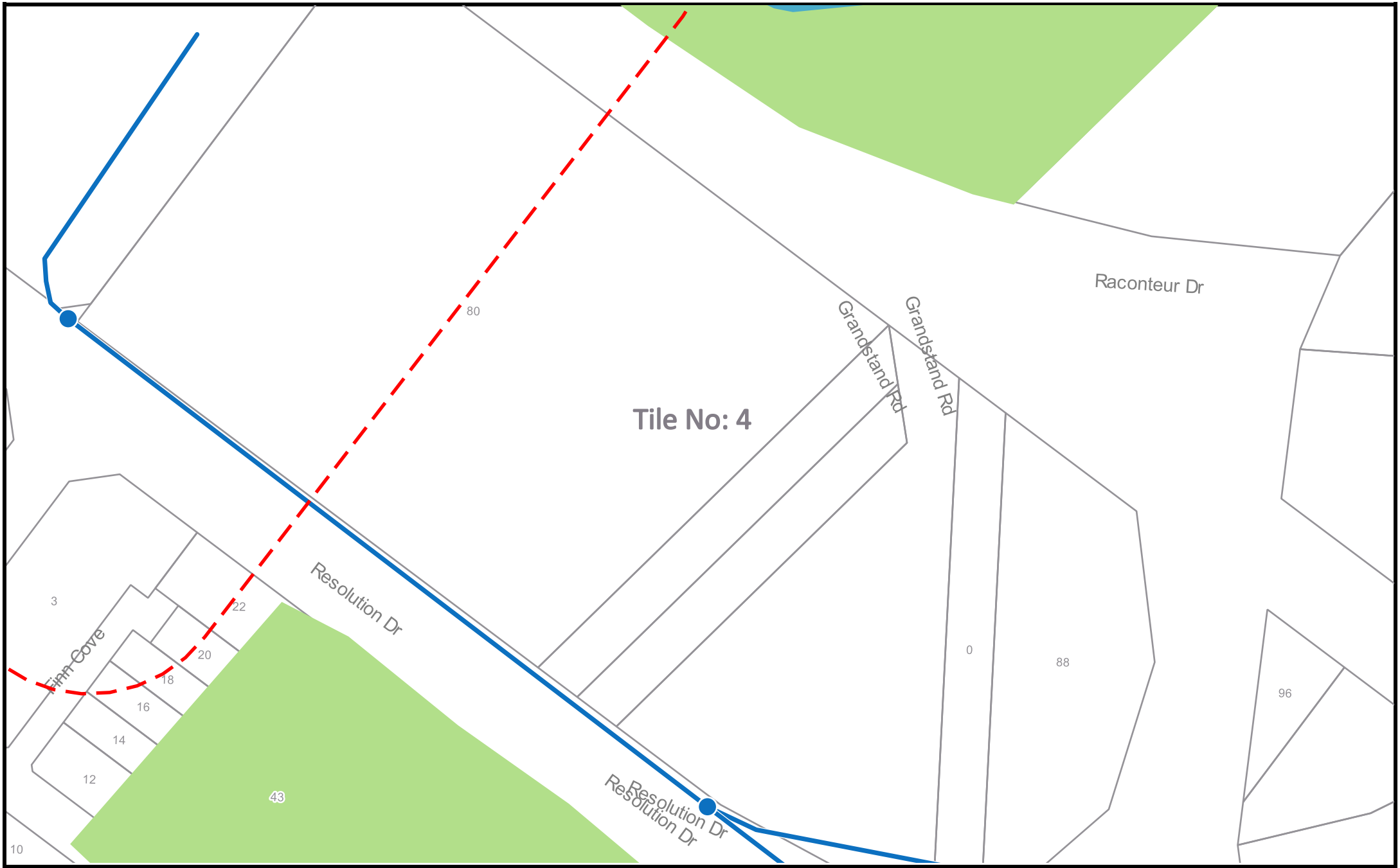
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LEGEND
Vocus Group Pit
Vocus Group Conduit

SCALE: 1:1000

Document Set ID: 5883123
Version: 1, Version Date: 18/09/2024

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VOCUS communications

N W E S

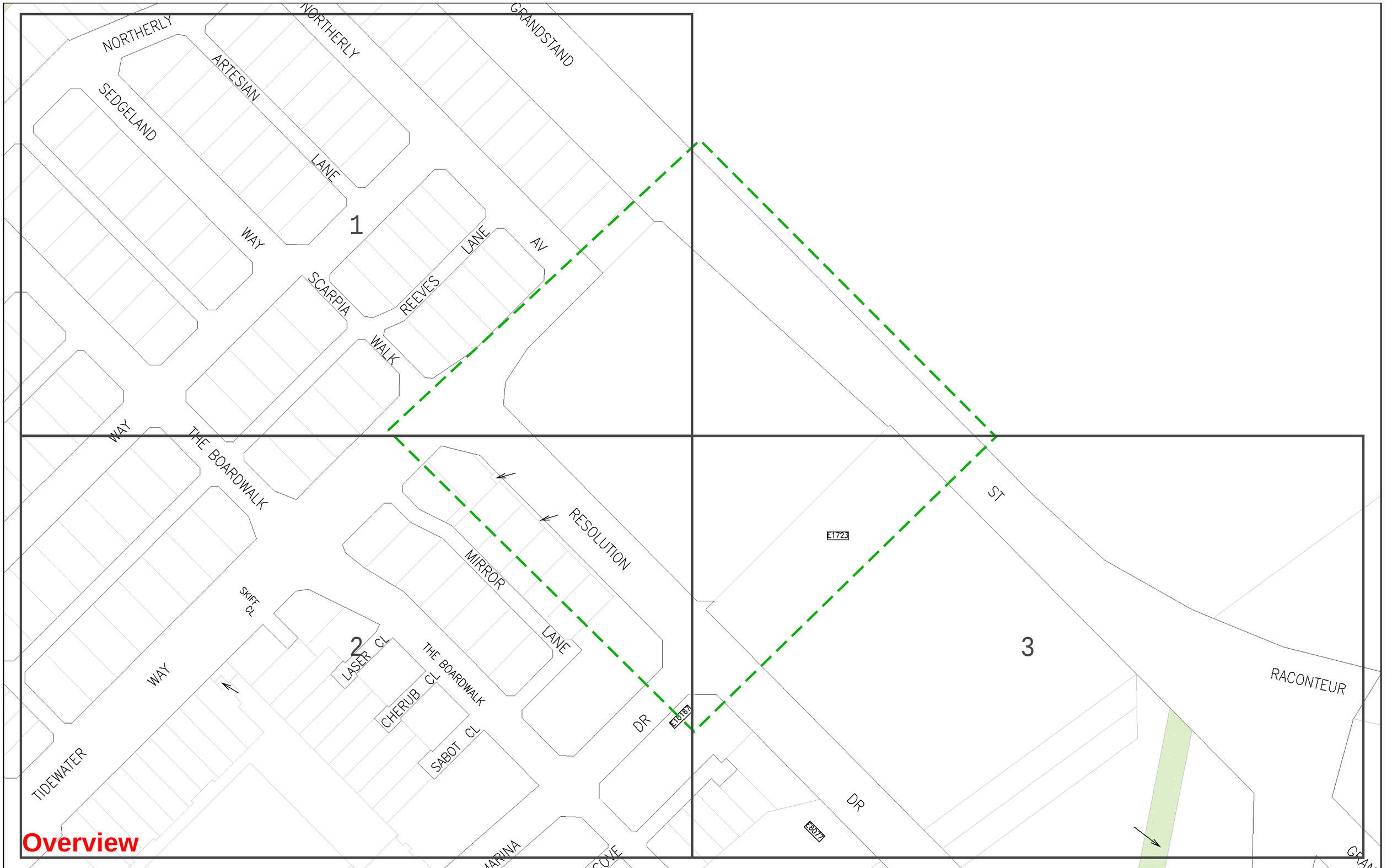
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LEGEND
Vocus Group Pit
Vocus Group Conduit

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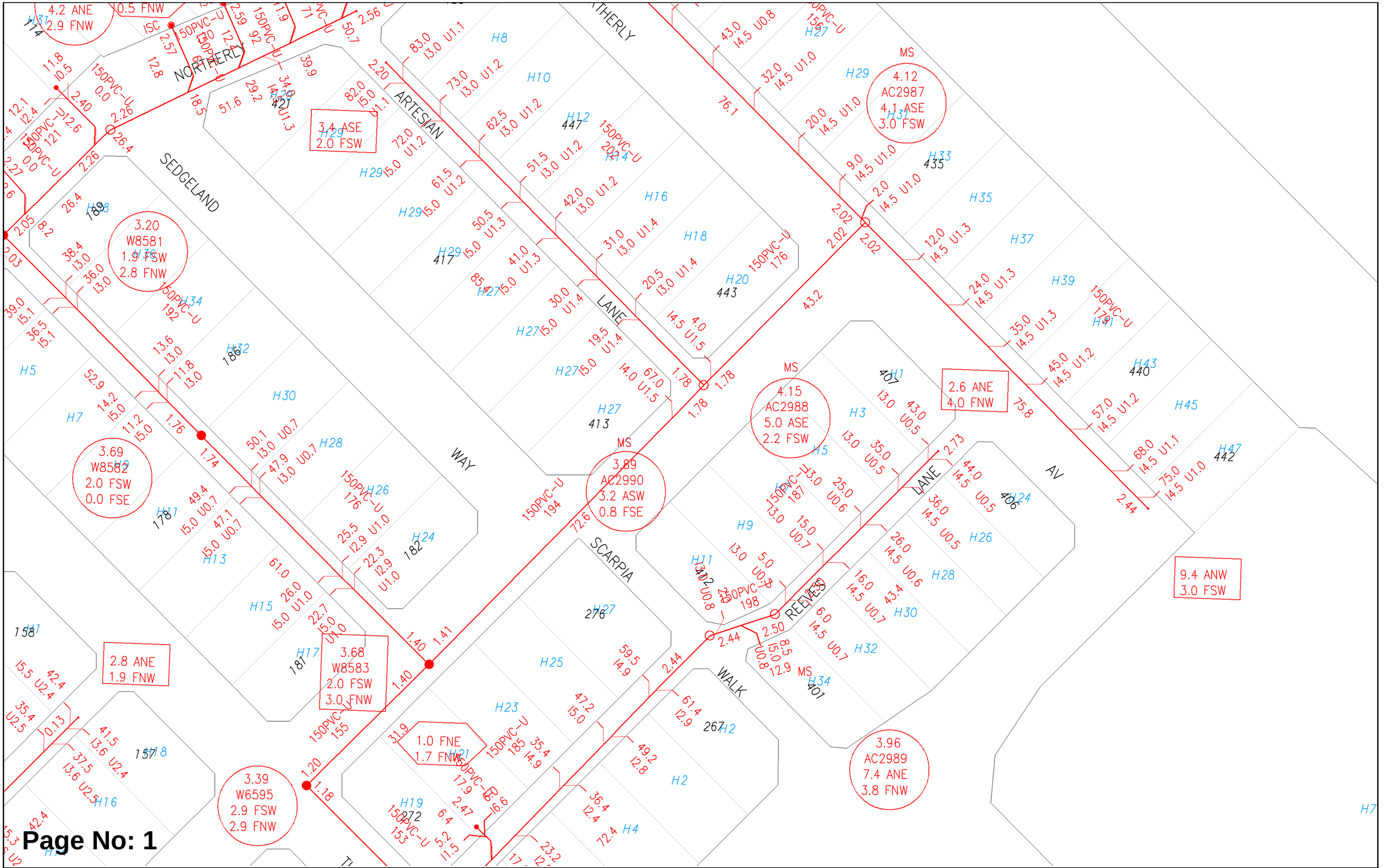
WATER CORPORATION

Scale:	1:1538
Job No.:	36962238
Sequence No.:	240900579
Print Date:	21 Jun 2024

N

Sewer

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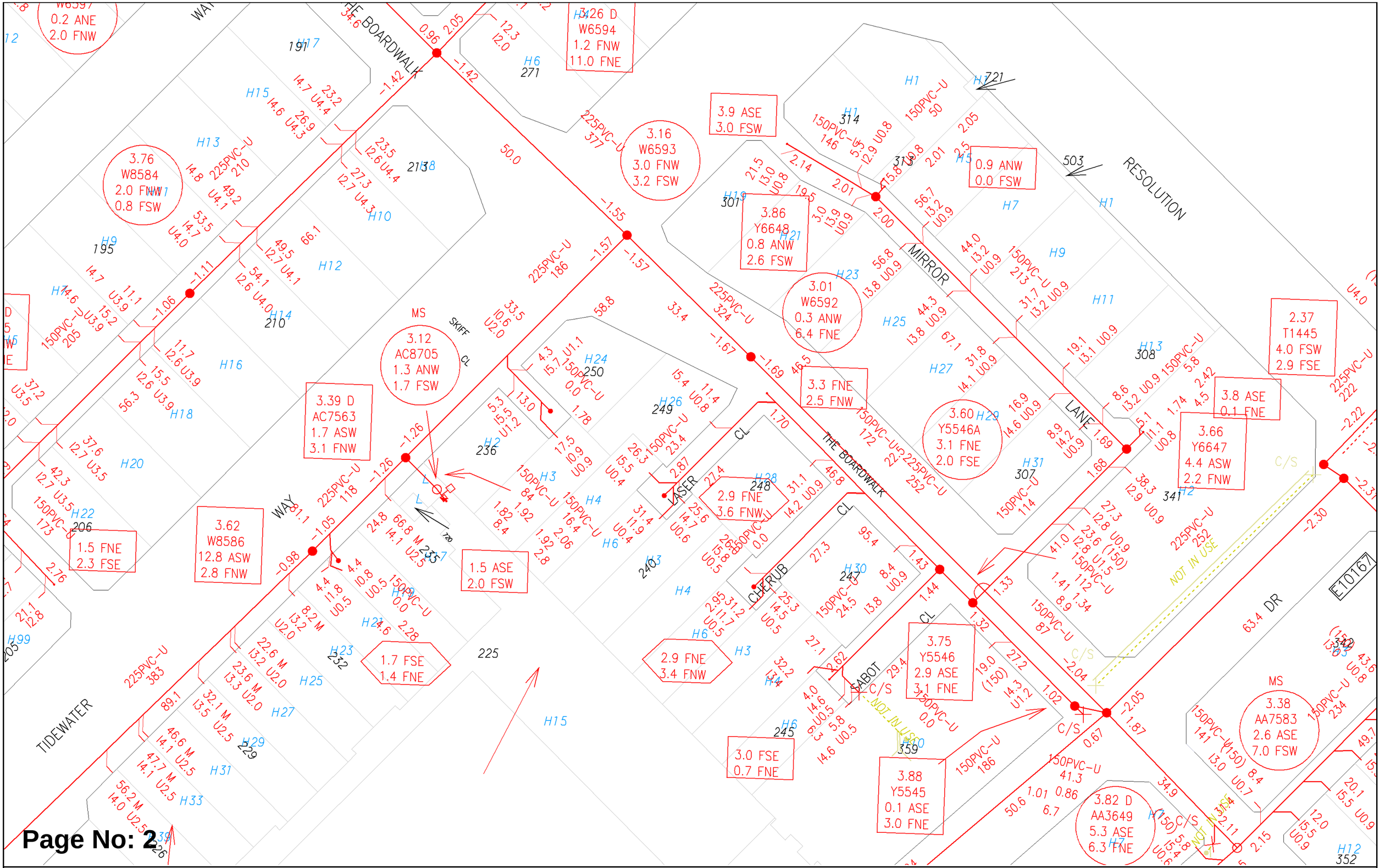


WATER CORPORATION

Scale:	1:750
Job No.:	36962238
Sequence No.:	240900579
Print Date:	21 Jun 2024

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ST

E1723

3.0 FSE
6.0 FNE

H80
713

RACONTEUR

225PVC-U
213

2.40
AA3650
3.6 ANE
4.0 FSE

225PVC-U
306

H80
237

H80
236

H22
600

H20
601

DR

38783
10417

H18
355

350PVC-U

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H16

H14

H80

L

1

1.66
T1444

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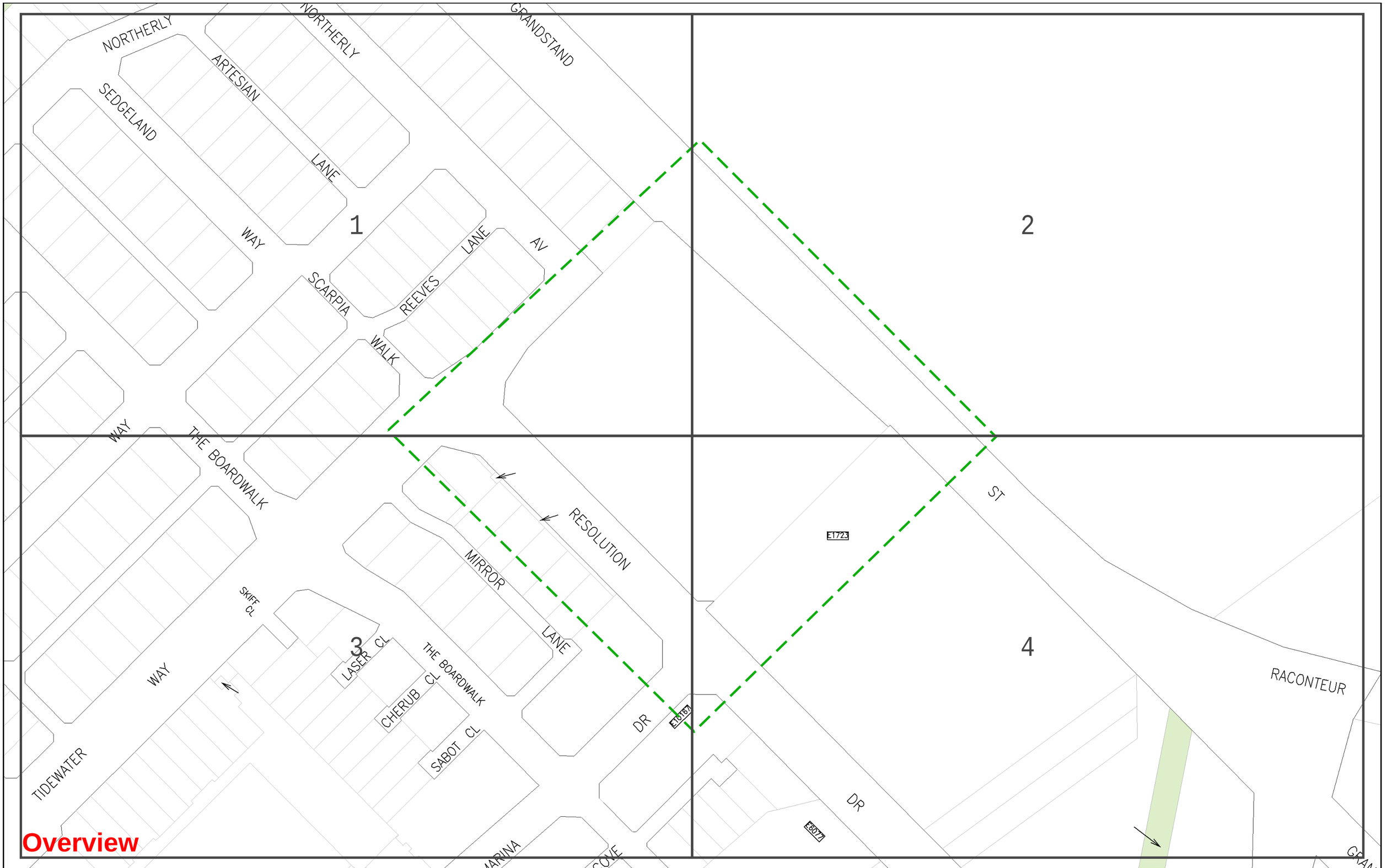
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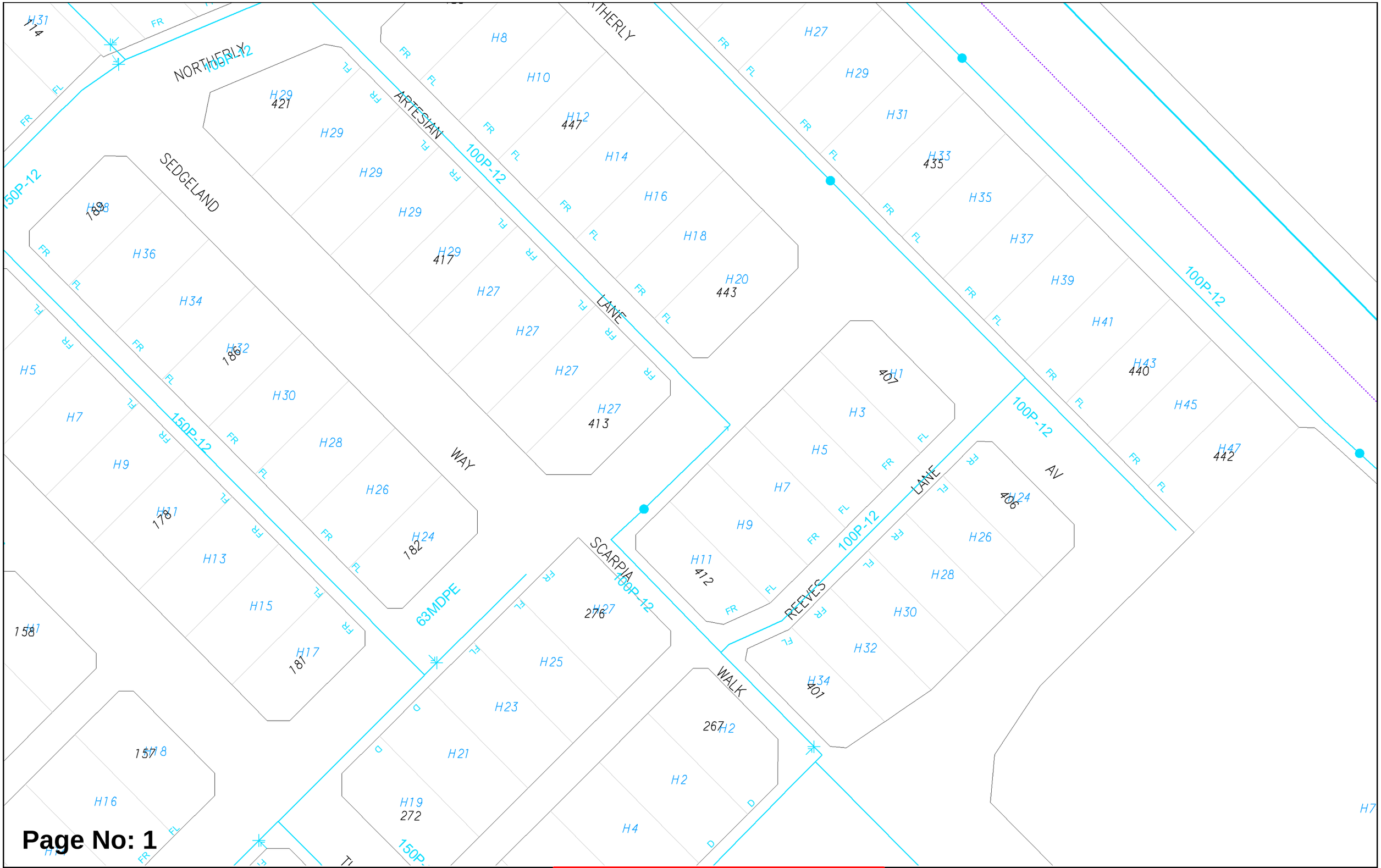
WARNING ASSET PROTECTION APPROVAL MAY BE REQUIRED

Apply for approval to work near our assets at:

Working near assets (watercorporation.com.au)

Unauthorised work within prescribed proximities of Water Corporation Assets is prohibited.

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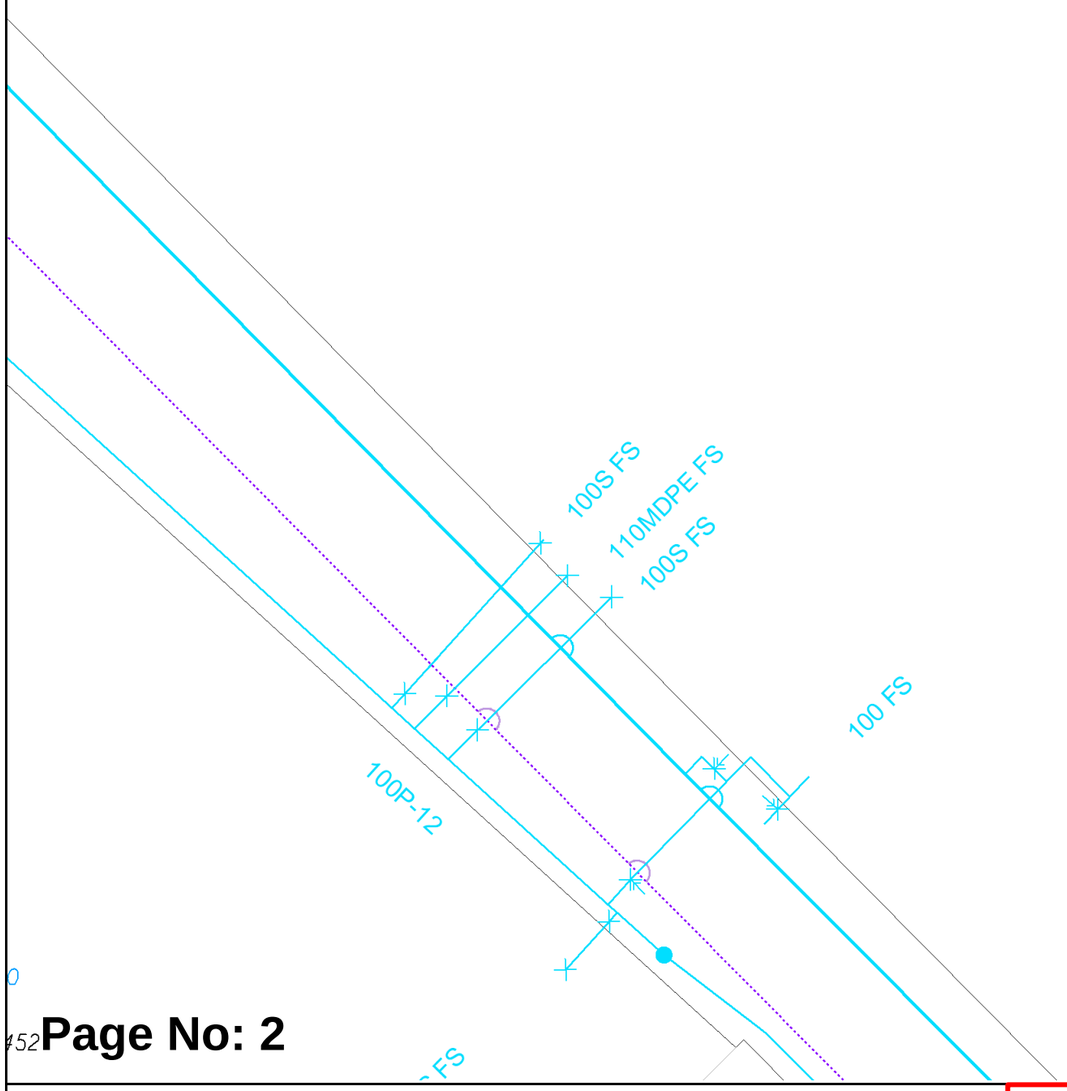
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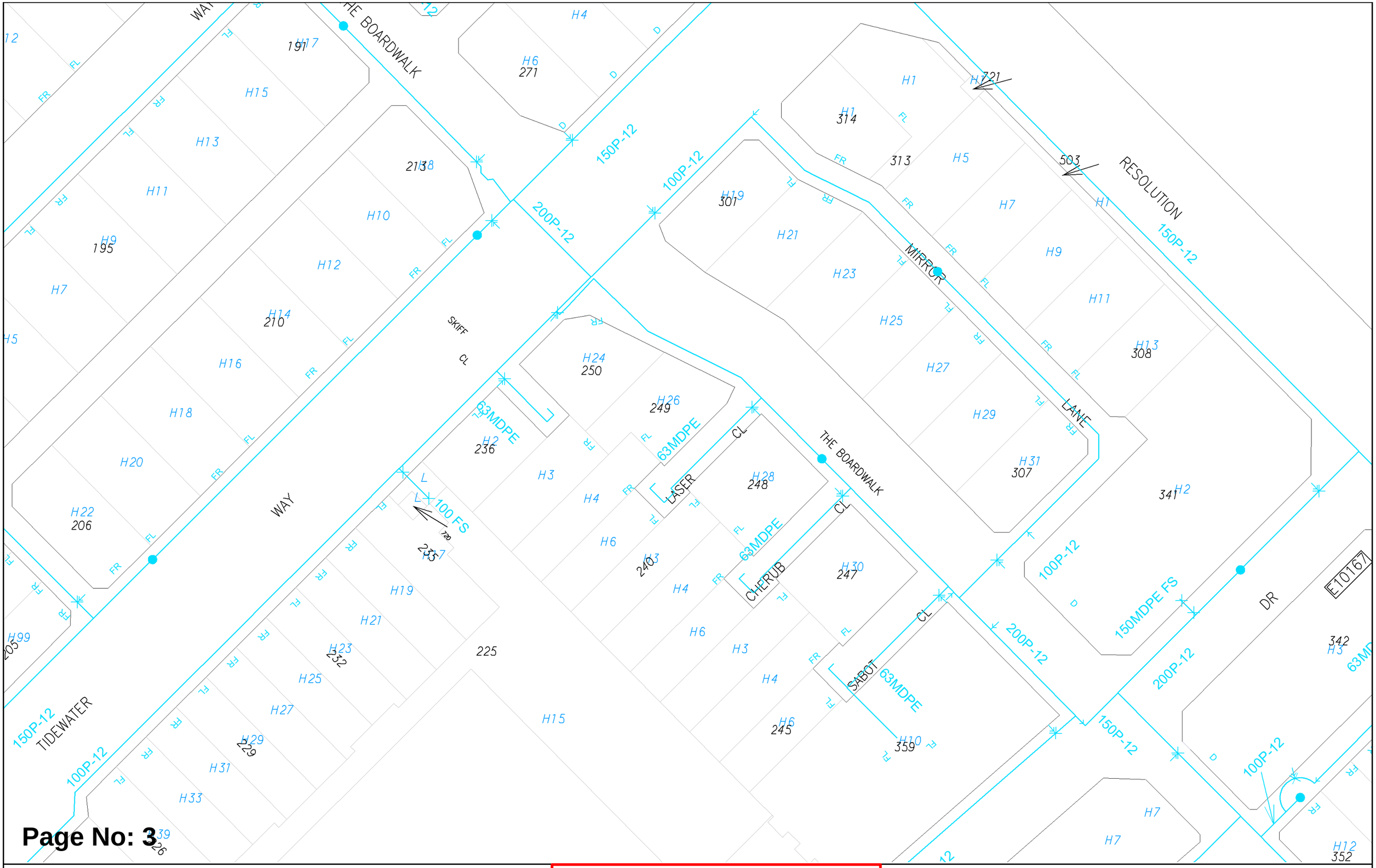
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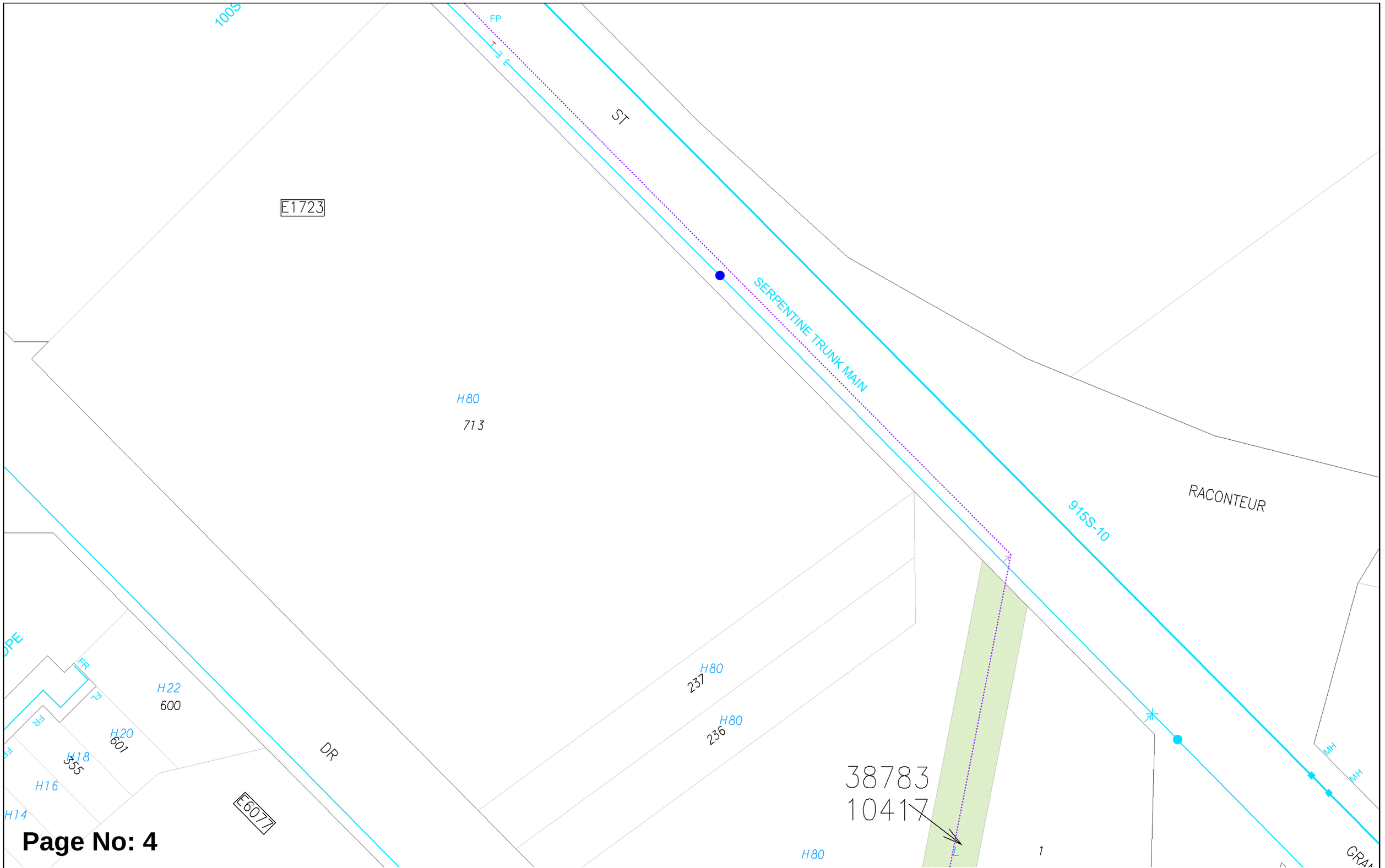
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Page No: 4

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Water

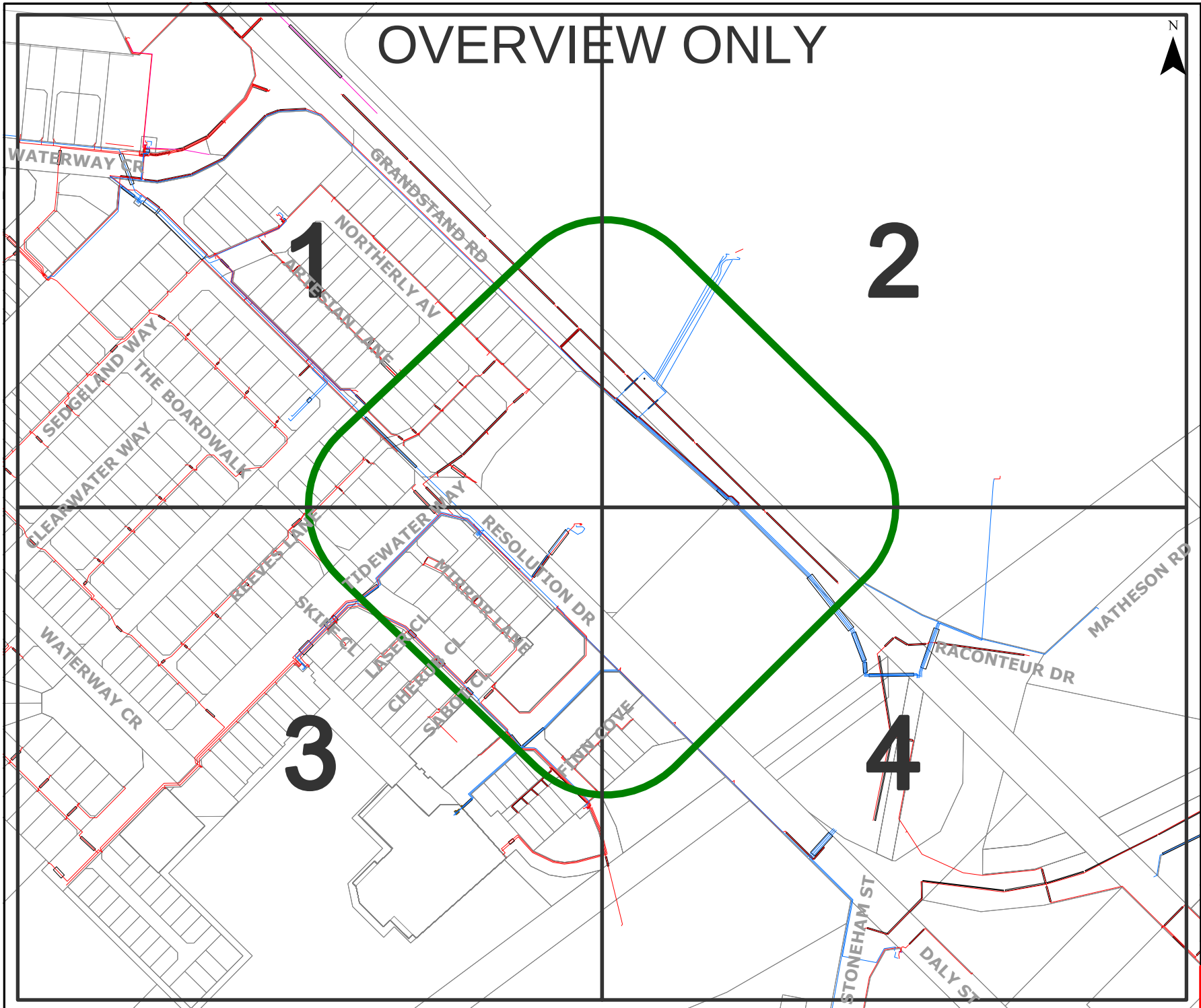
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westernpower

UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
- Street Light Circuit (< 1kV)
- Street Light Pilot (< 1kV)
- Earth Wire

Cable Pole Terminations

- HV Termination
- LV Termination

Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Hand exposure via pothole method is MANDATORY.

Telephone Support: 1300 769 345
Mon to Fri - 08:00 to 16:30

Information valid for 30 days from date of issue

A4	Scale : 1:3075

WARNING! Look out for overhead power lines

Sequence Number: 240900577

Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

UNDERGROUND LEGEND

Structures

- Pillar
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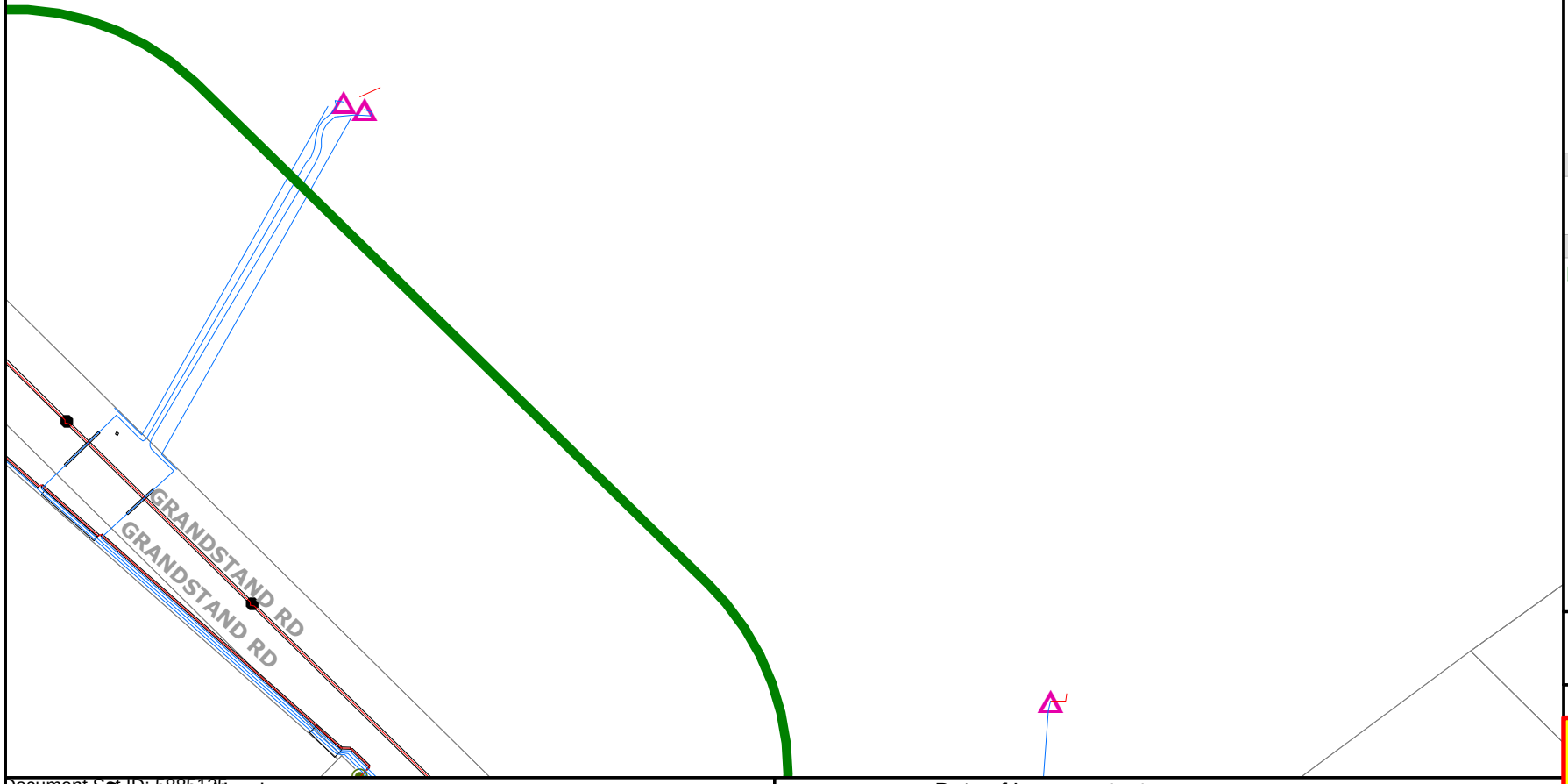
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WARNING! Look out for overhead power lines

Sequence Number: 240900577

Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



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westernpower

UNDERGROUND LEGEND

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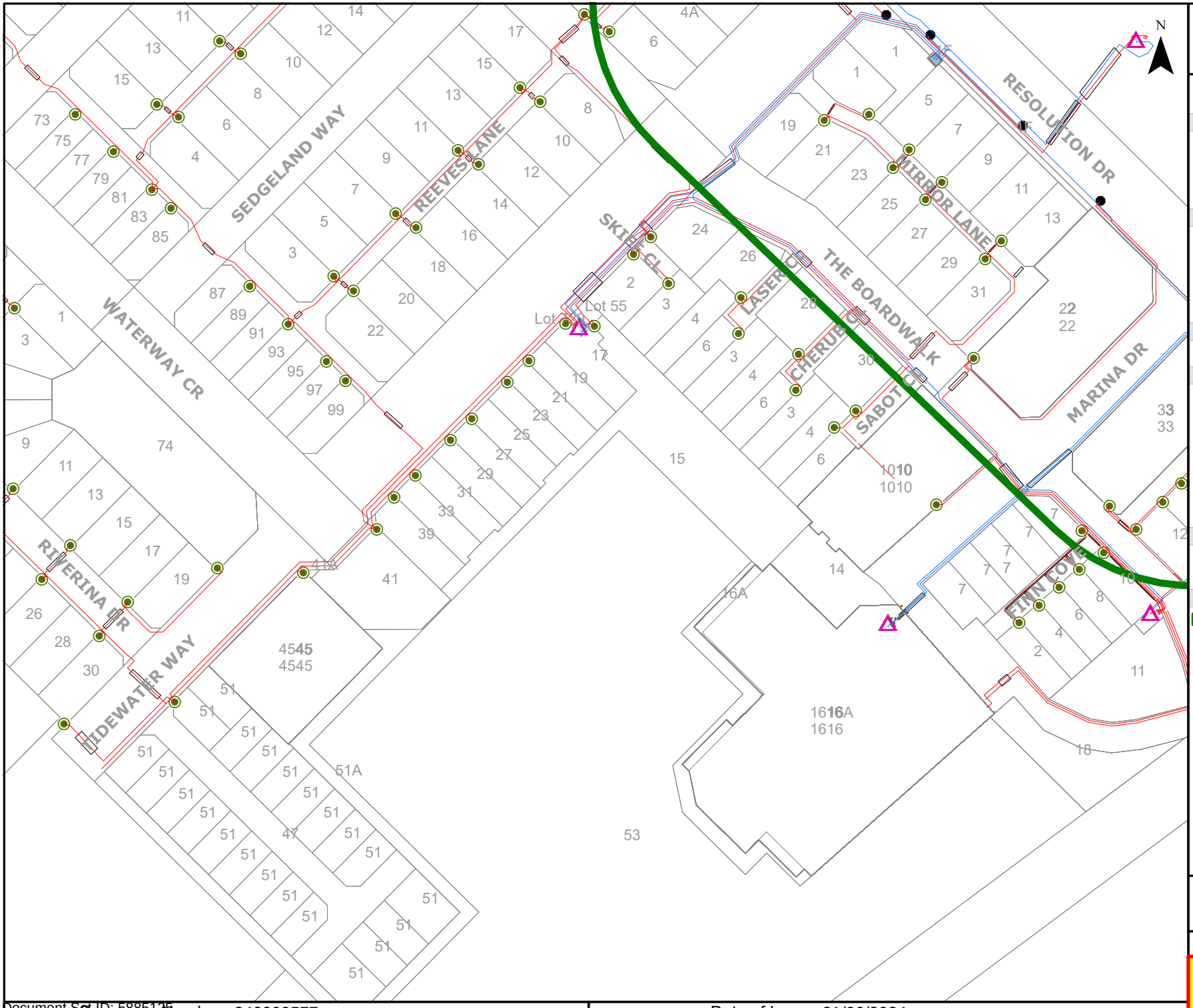
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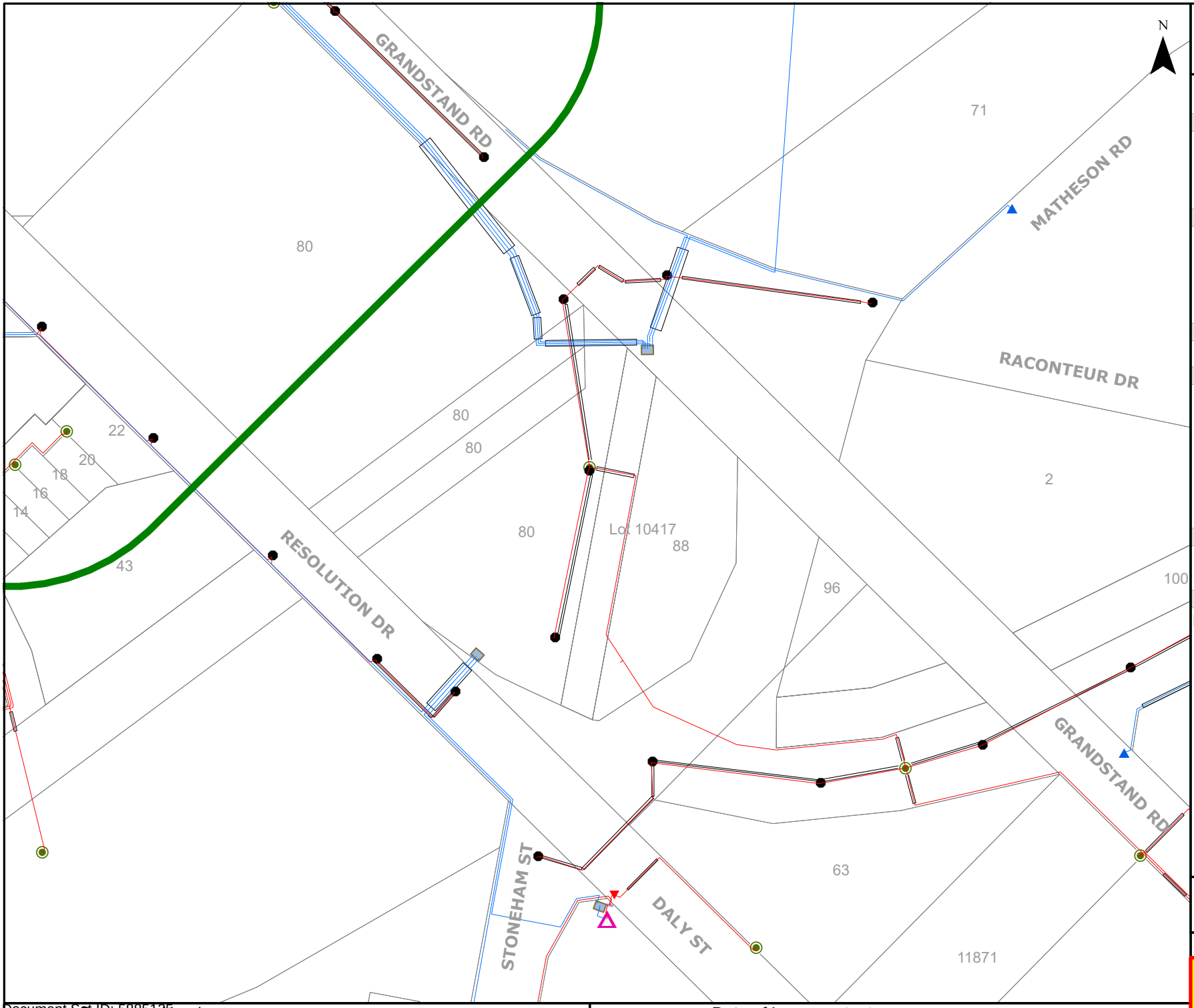
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westernpower

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End of document

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

Job No 36962250

byda.com.au

Contact Details

Contact	Contact number	Company	Enquirer ID
Justin Zielinski	0420 304 451	-	3140642

Email
jzielinski@tabec.com.au

Address
54 Havelock Street
West Perth WA 6005

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

Enquiry date	Start date	End date	On behalf of	Job purpose	Locations	Onsite activities
21/06/2024	24/06/2024	24/06/2024	Private	Design	Both Road	Planning & Design



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

User Reference	Address	Notes/description
Precinct C - 2	71 Matheson Road Ascot WA 6104	-

Your Responsibility and Duty of Care

- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the Privacy Policy and Term of Use.
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
240900653	ATCO Gas Australia	1300 926 755	NOTIFIED
240900649	NBN Co (WA)	1800 687 626	NOTIFIED
240900651	Telstra (WA)	1800 653 935	NOTIFIED
240900652	Water Corporation	13 13 95	NOTIFIED
240900650	Western Power	13 10 87	NOTIFIED

END OF UTILITIES LIST

Document Set ID: 9885128
Version: 1, Version Date: 18/09/2024

ATCO

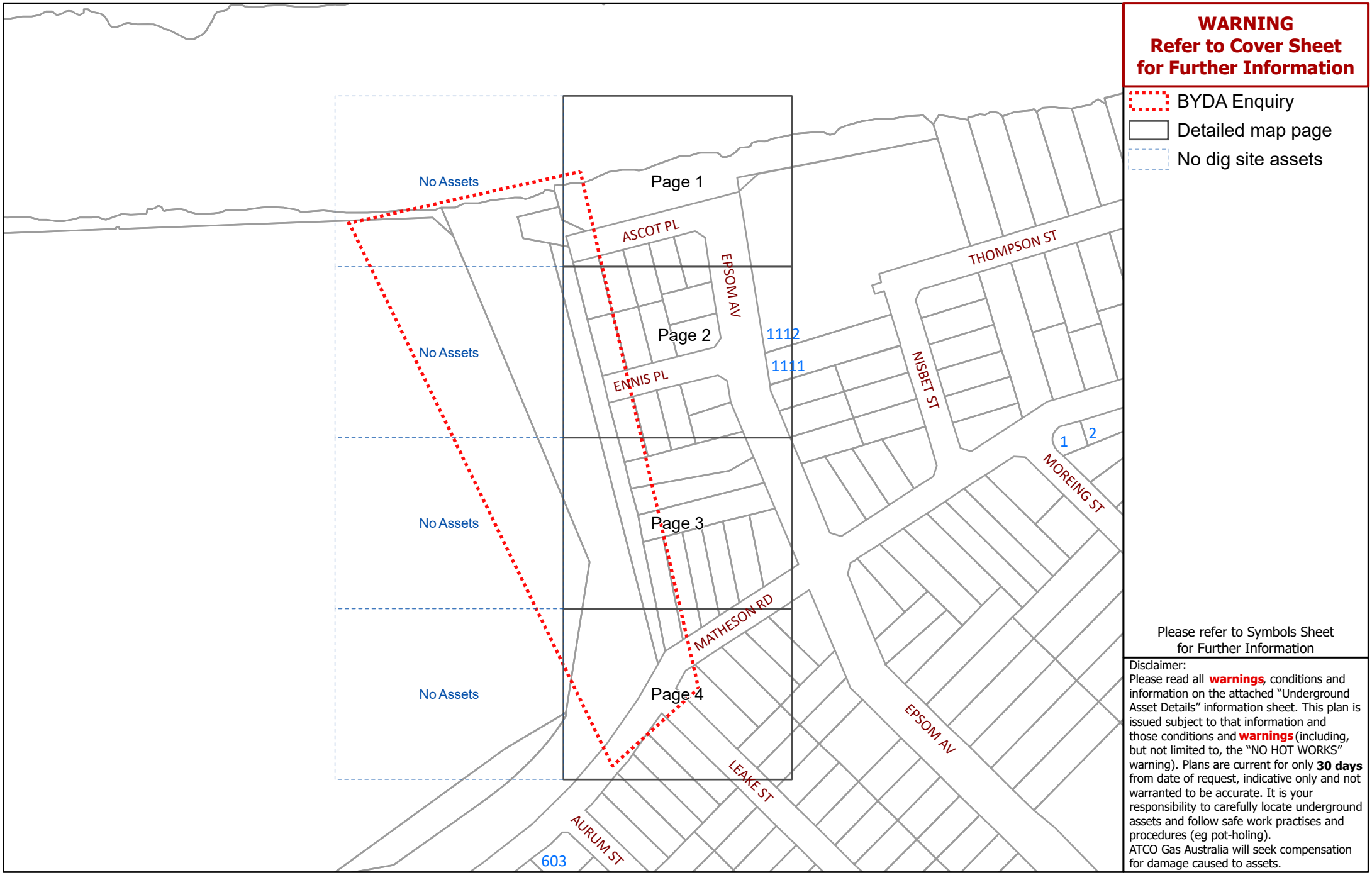
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)
Index Sheet

Seq # 240900653
Job # 36962250

BYDA Location: 71 Matheson Road Ascot 6104
Scale: 1:3,500

BEFORE YOU DIG www.byda.com.au



WARNING
Refer to Cover Sheet for Further Information

BYDA Enquiry
Detailed map page
No dig site assets

Please refer to Symbols Sheet for Further Information

Disclaimer:
Please read all **warnings**, conditions and information on the attached "Underground Asset Details" information sheet. This plan is issued subject to that information and those conditions and **warnings** (including, but not limited to, the "NO HOT WORKS" warning). Plans are current for only **30 days** from date of request, indicative only and not warranted to be accurate. It is your responsibility to carefully locate underground assets and follow safe work practises and procedures (eg pot-holing).
ATCO Gas Australia will seek compensation for damage caused to assets.

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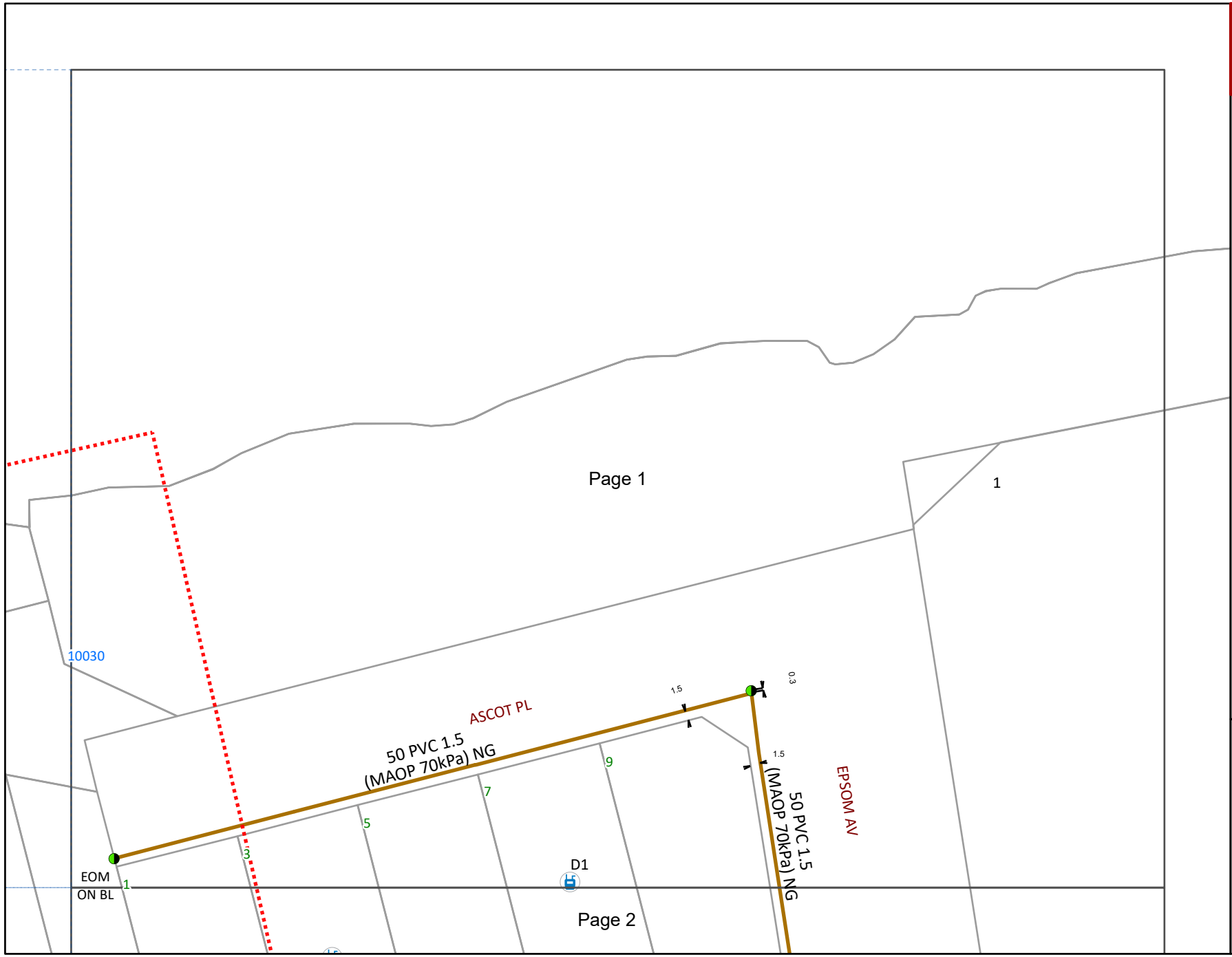
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900653
Job # 36962250

BYDA Location: 71 Matheson Road Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



WARNING
Refer to Cover Sheet for Further Information

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
- Common Trench
- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
- Interval Meter
- Proposed Meter
- Removed Meter
- BL End of Main Building
- CoD End of Main on Direction Peg
- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
- See Details
- SC Side Elevation
- Sign
- PLS Pre Laid Service
- PLSS Pre Laid Service Stairs
- PLST Pre Laid Service Tee

Please refer to Symbols Sheet for Further Information

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Version: 1, Version Date: 18/09/2024

ATCO

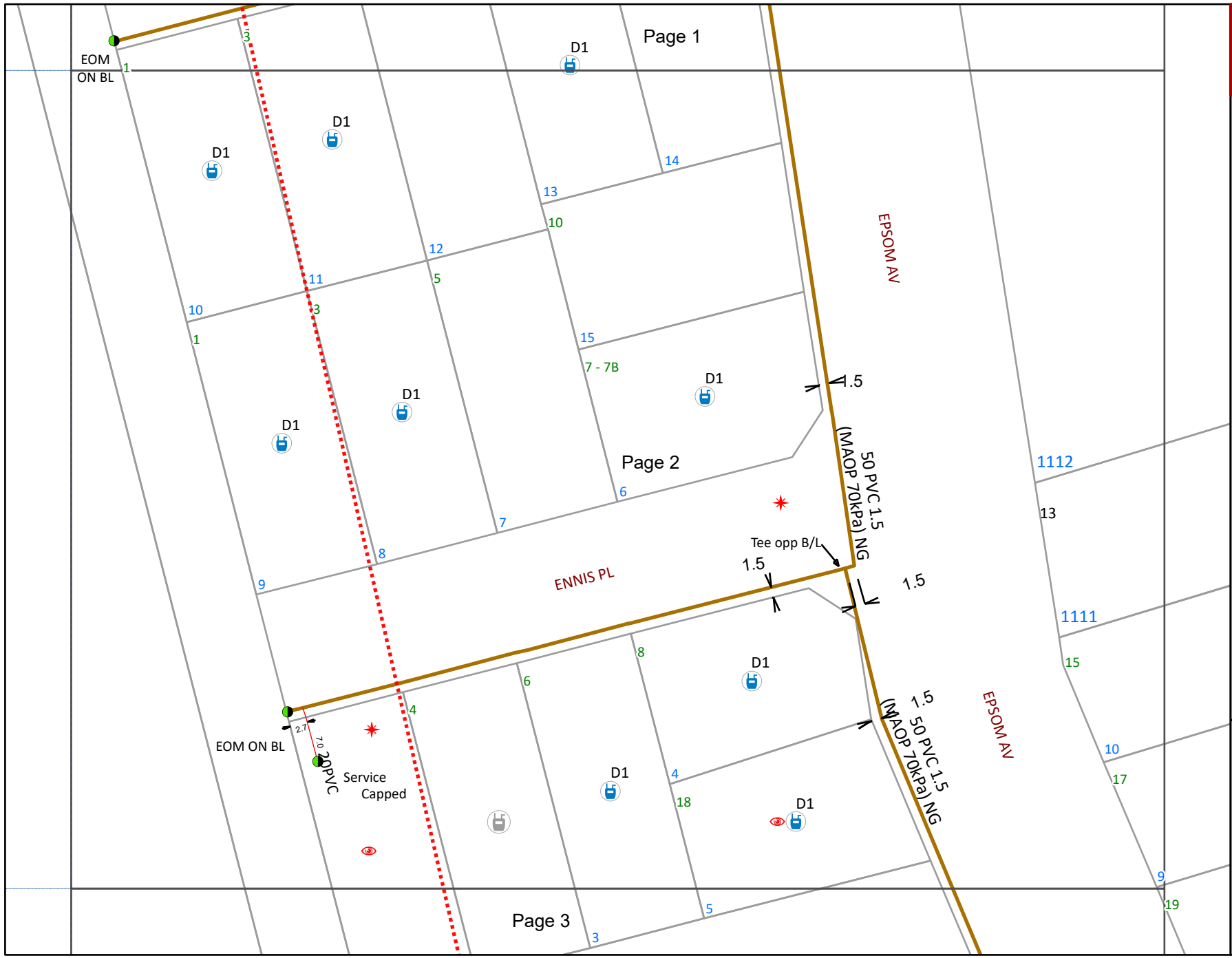
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900653
Job # 36962250

BYDA Location: 71 Matheson Road Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



WARNING
Refer to Cover Sheet for Further Information

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
- Common Trench
- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
- Interval Meter
- Proposed Meter
- Removed Meter
- BL End of Main Building
- CoD End of Main on Direction Peg
- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
- See Details
- SC Side Elevation
- Sign
- PLS Pre Laid Service
- PLSS Pre Laid Service Stairs
- PLST Pre Laid Service Tee

Please refer to Symbols Sheet for Further Information

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ATCO Gas Australia will seek compensation for damage caused to assets.

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ATCO

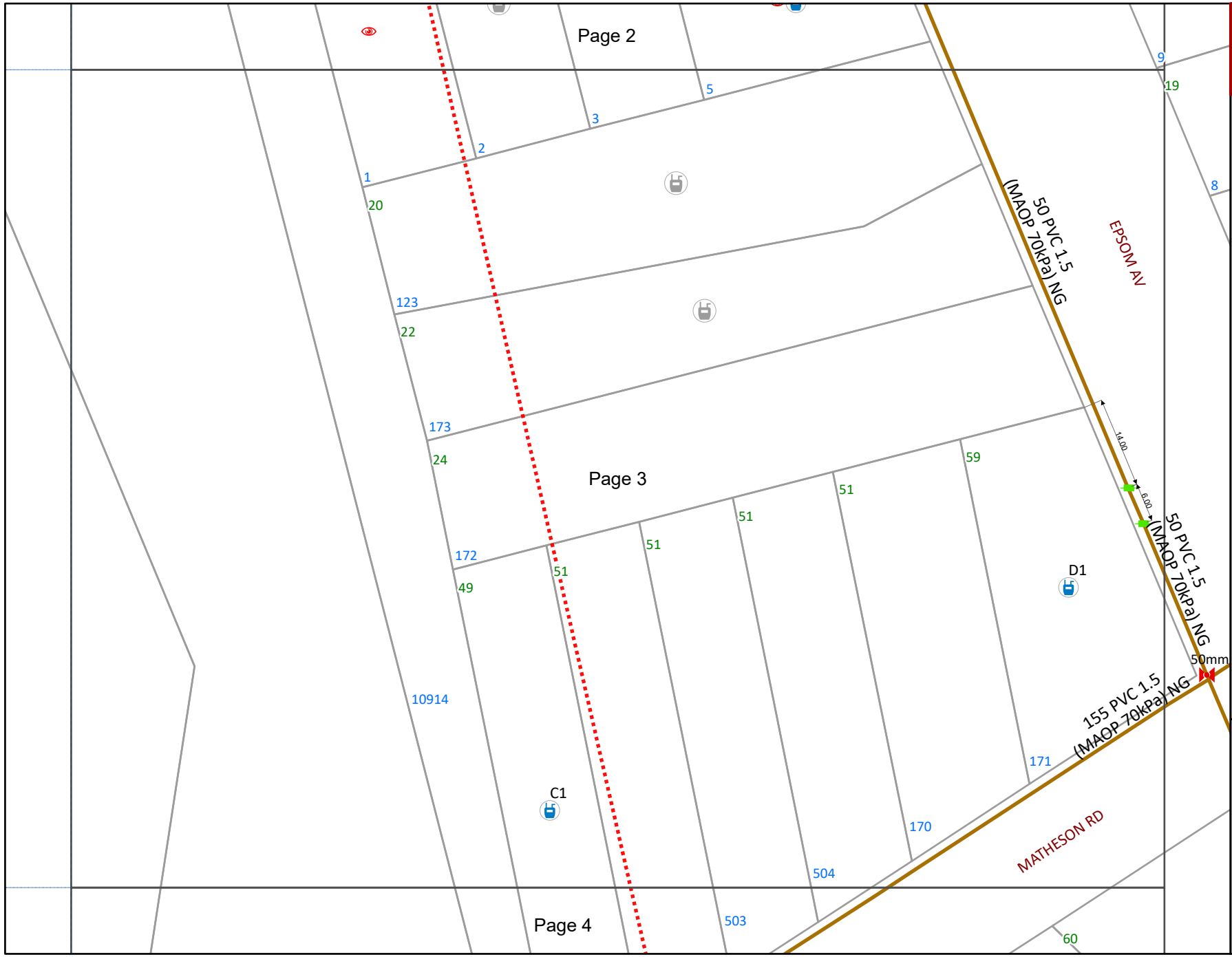
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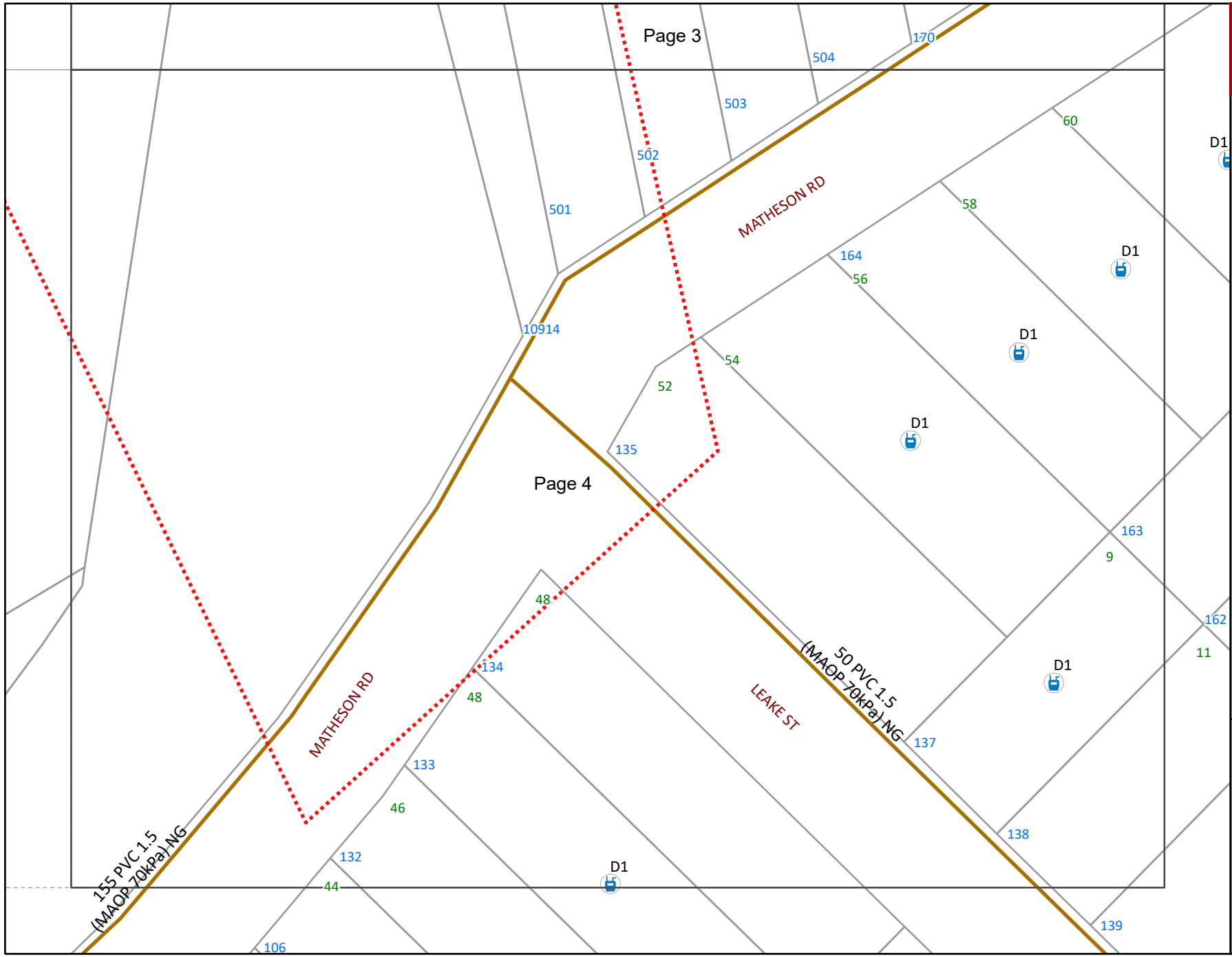
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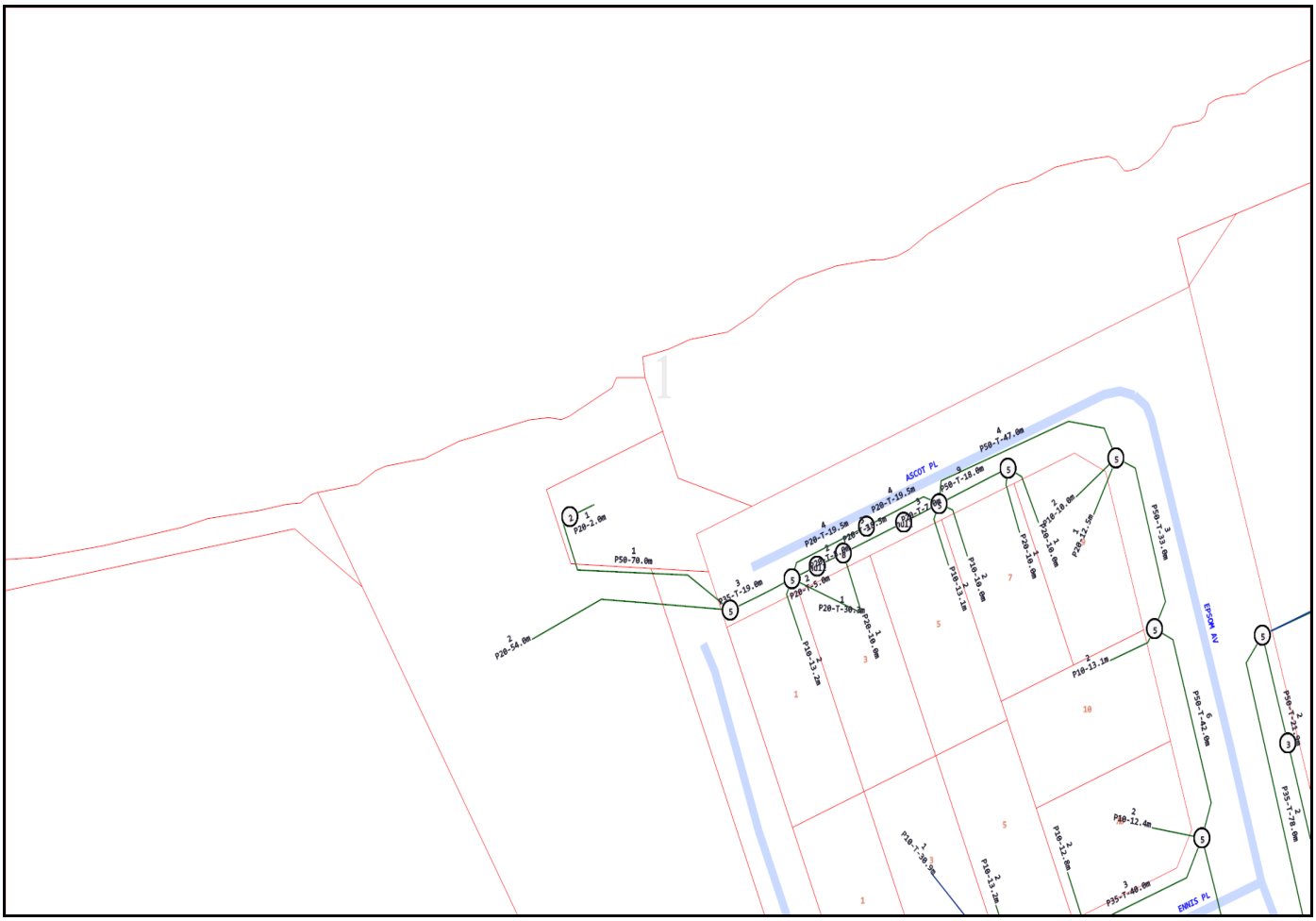
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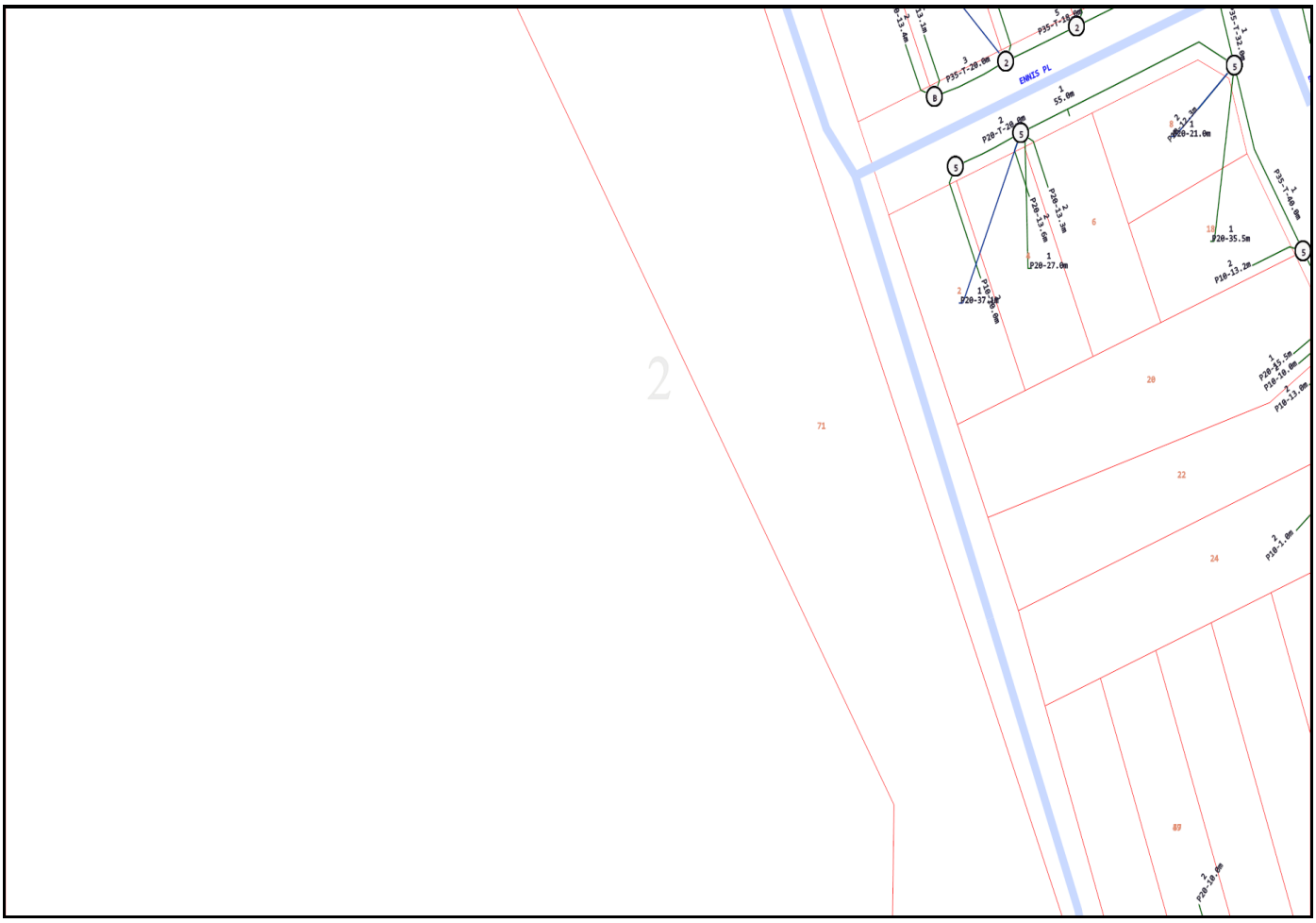
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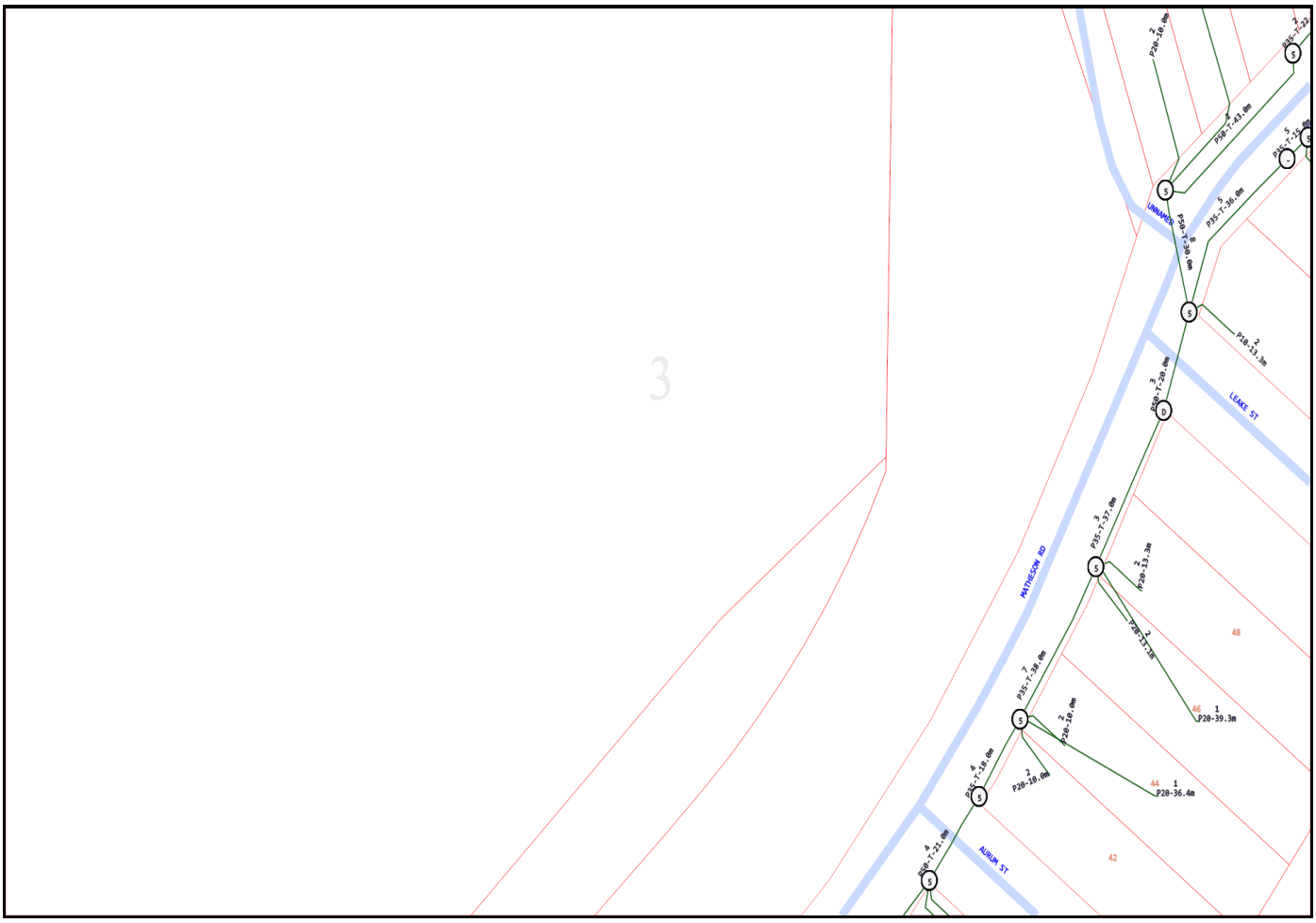
Plans generated by SmarterWX™ Automate



Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



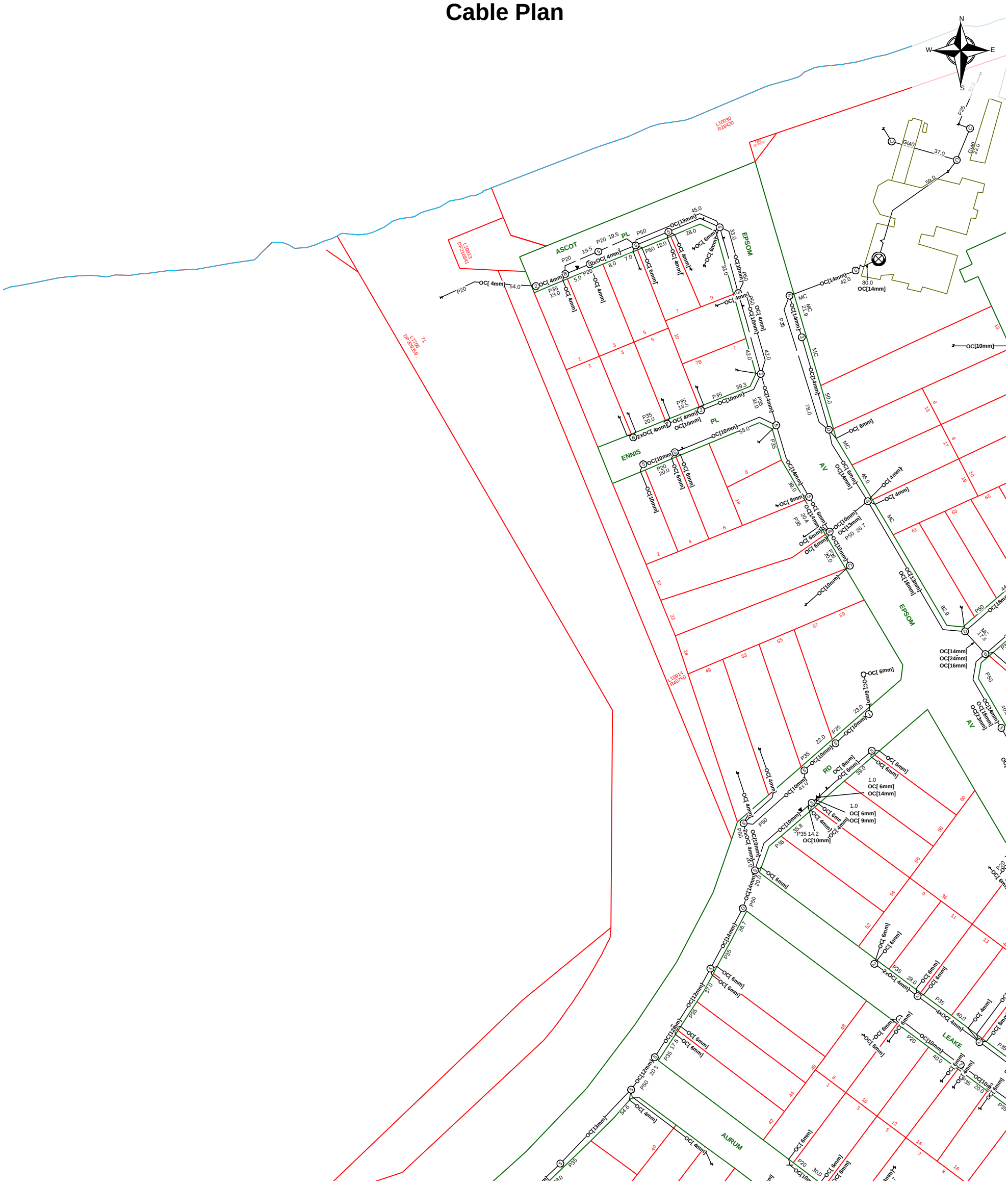
Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Emergency Contacts

You must immediately report any damage to the **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.

Cable Plan



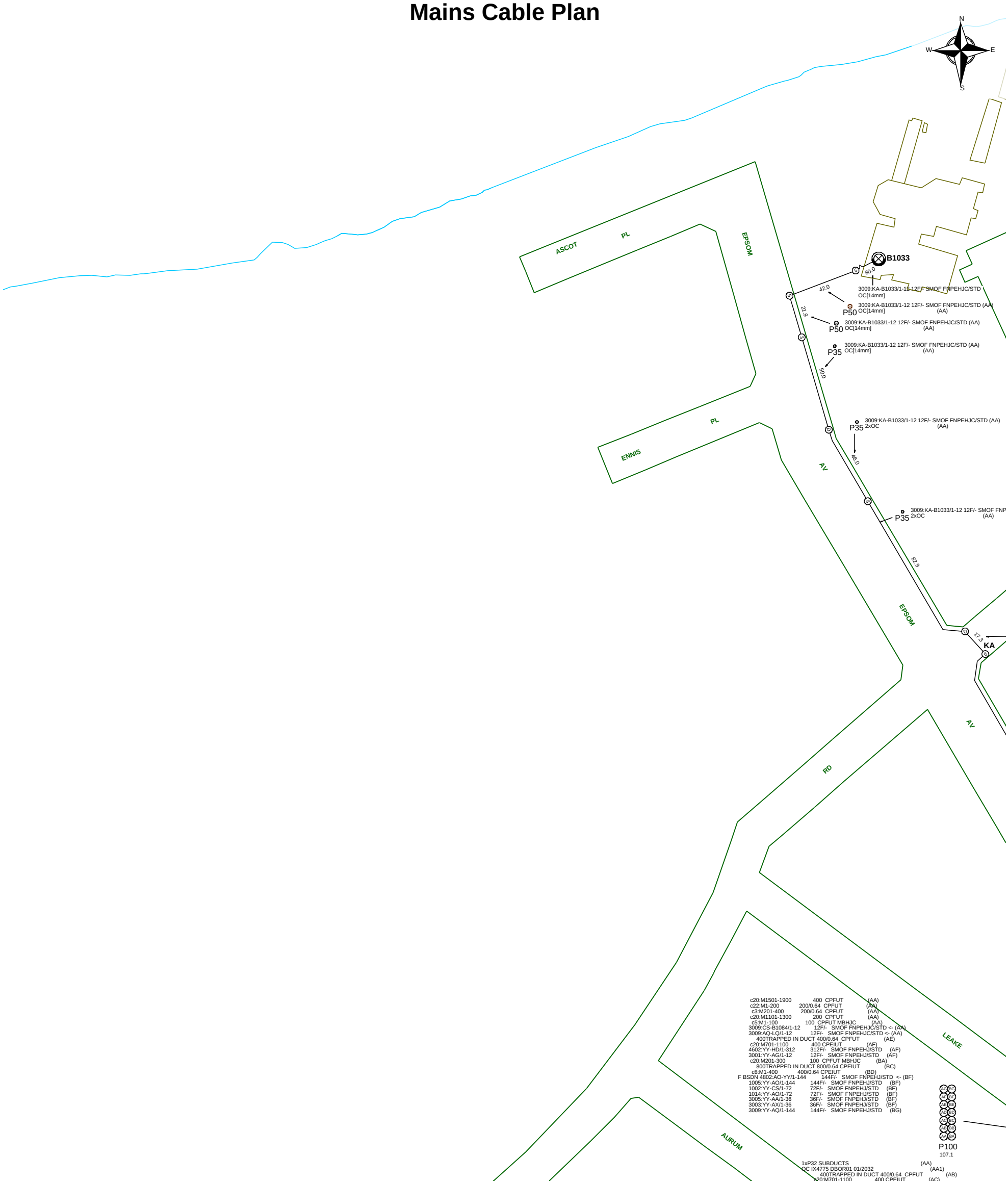
Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment Ph - 13 22 03 Email - Telstra.Plans@team.telstra.com Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries	Sequence Number: 240900651
TELSTRA LIMITED A.C.N. 086 174 781	CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.
Generated On 21/06/2024 19:09:58	

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

WARNING
Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.
As such,Telstra supplied location information is indicative only.Spatial accuracy is not applicable to Quality Level D.
Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.
Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.
Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.
A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.

Mains Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment
Ph - 13 22 03
Email - Telstra.Plans@team.telstra.com
Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries

TELSTRA LIMITED A.C.N. 086 174 781

Generated On 21/06/2024 19:09:59

Sequence Number: 240900651

CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.

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Overview

WATER CORPORATION

Scale:	1:3075
Job No.:	36962250
Sequence No.:	240900652
Print Date:	21 Jun 2024

N

Water

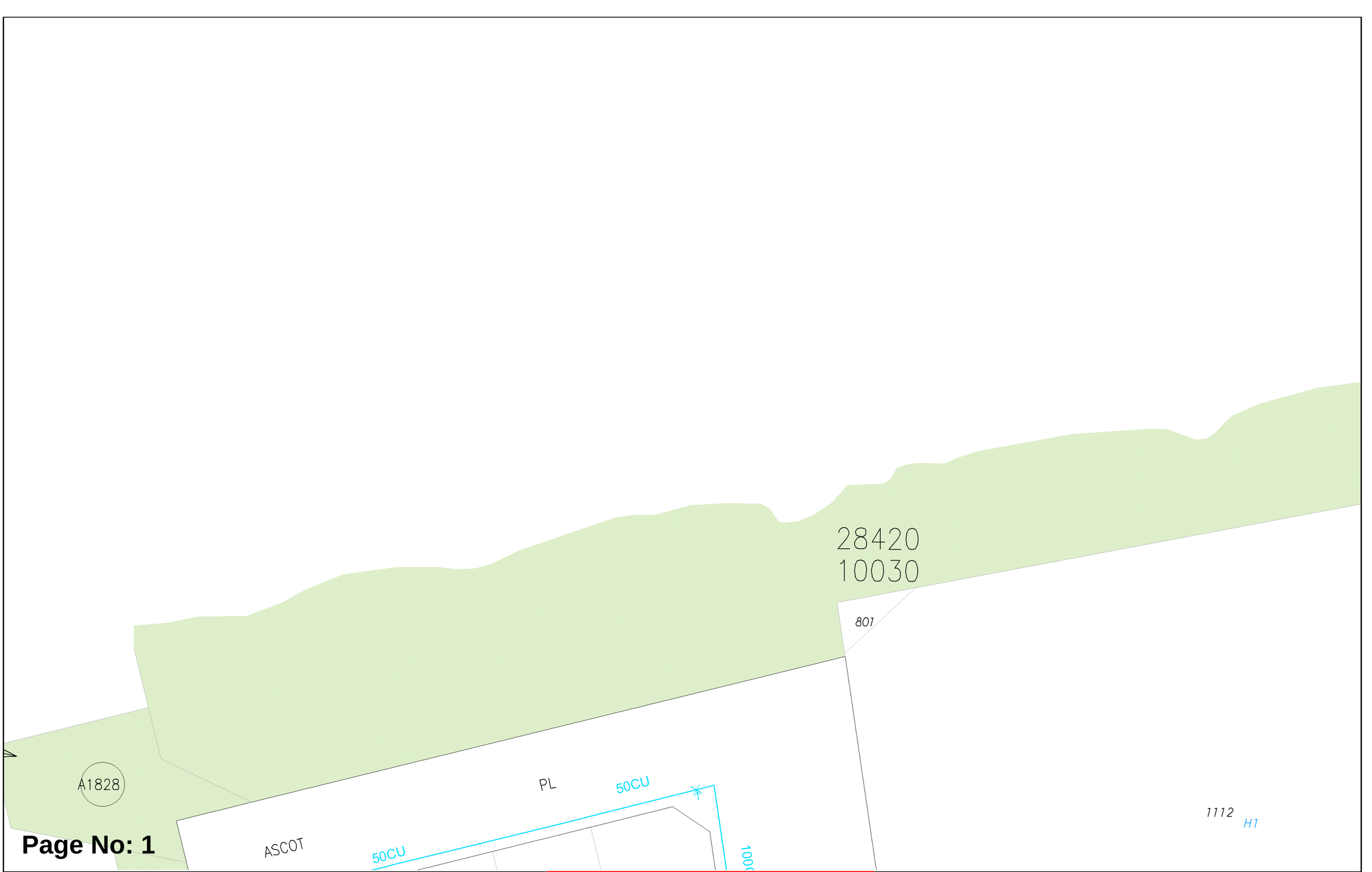
WARNING ASSET PROTECTION APPROVAL MAY BE REQUIRED

Apply for approval to work near our assets at:

Working near assets (watercorporation.com.au)

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Page No: 1

WATER CORPORATION

Scale:	1:750
Job No.:	36962250
Sequence No.:	240900652
Print Date:	21 Jun 2024

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Water

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Water

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Job No.:	36962250
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Water

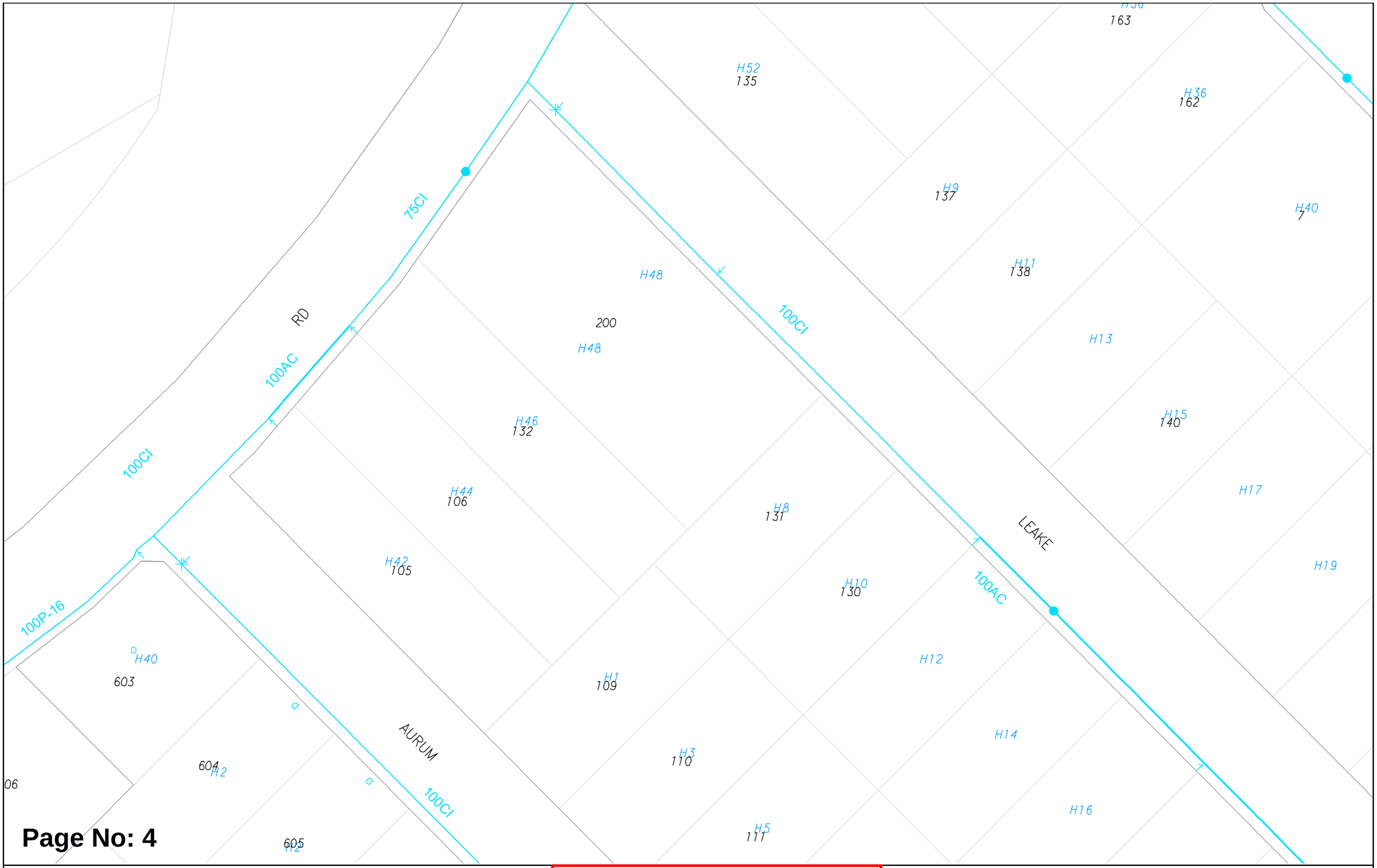
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Job No.:	36962250
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N

Sewer

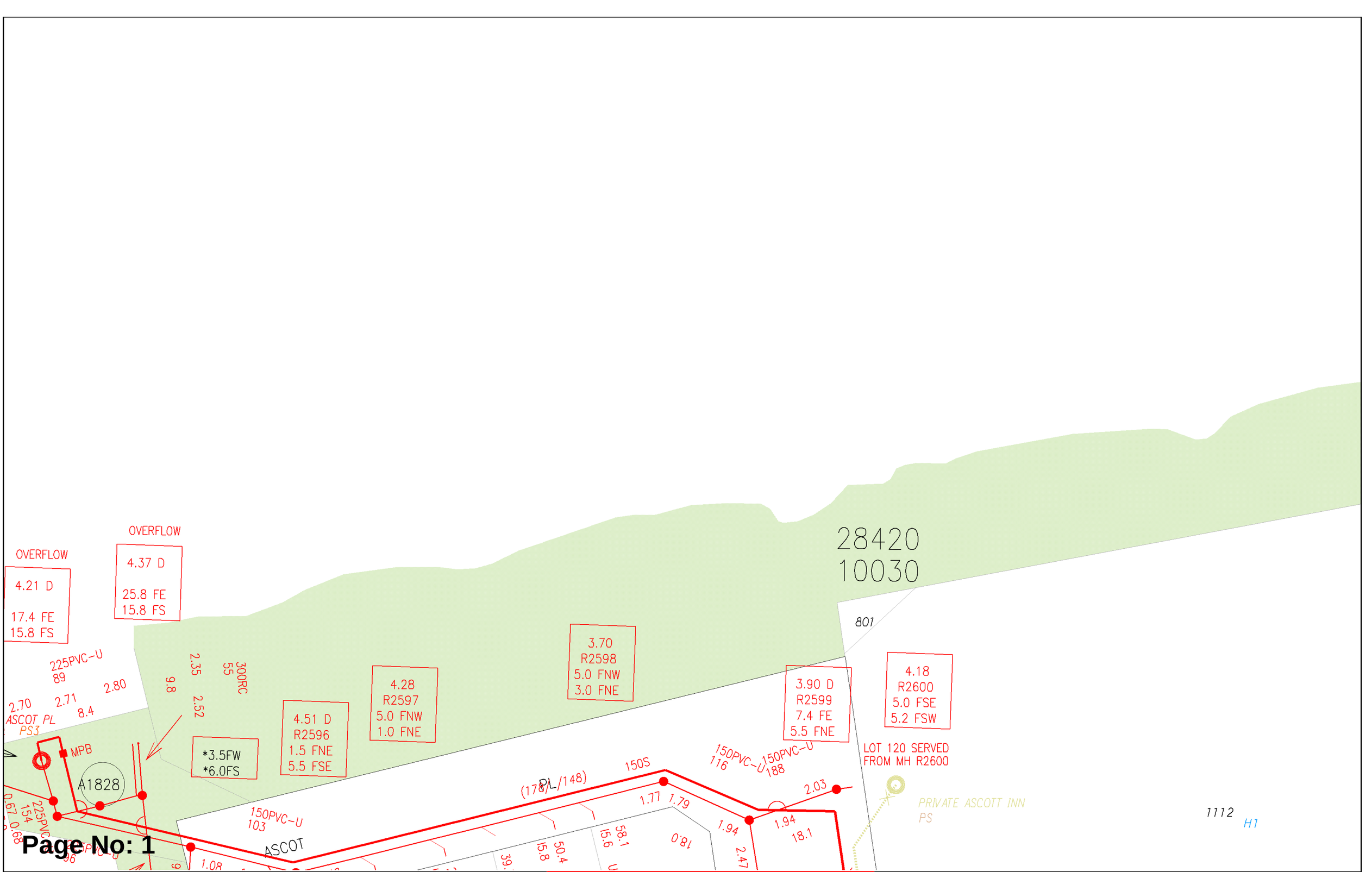
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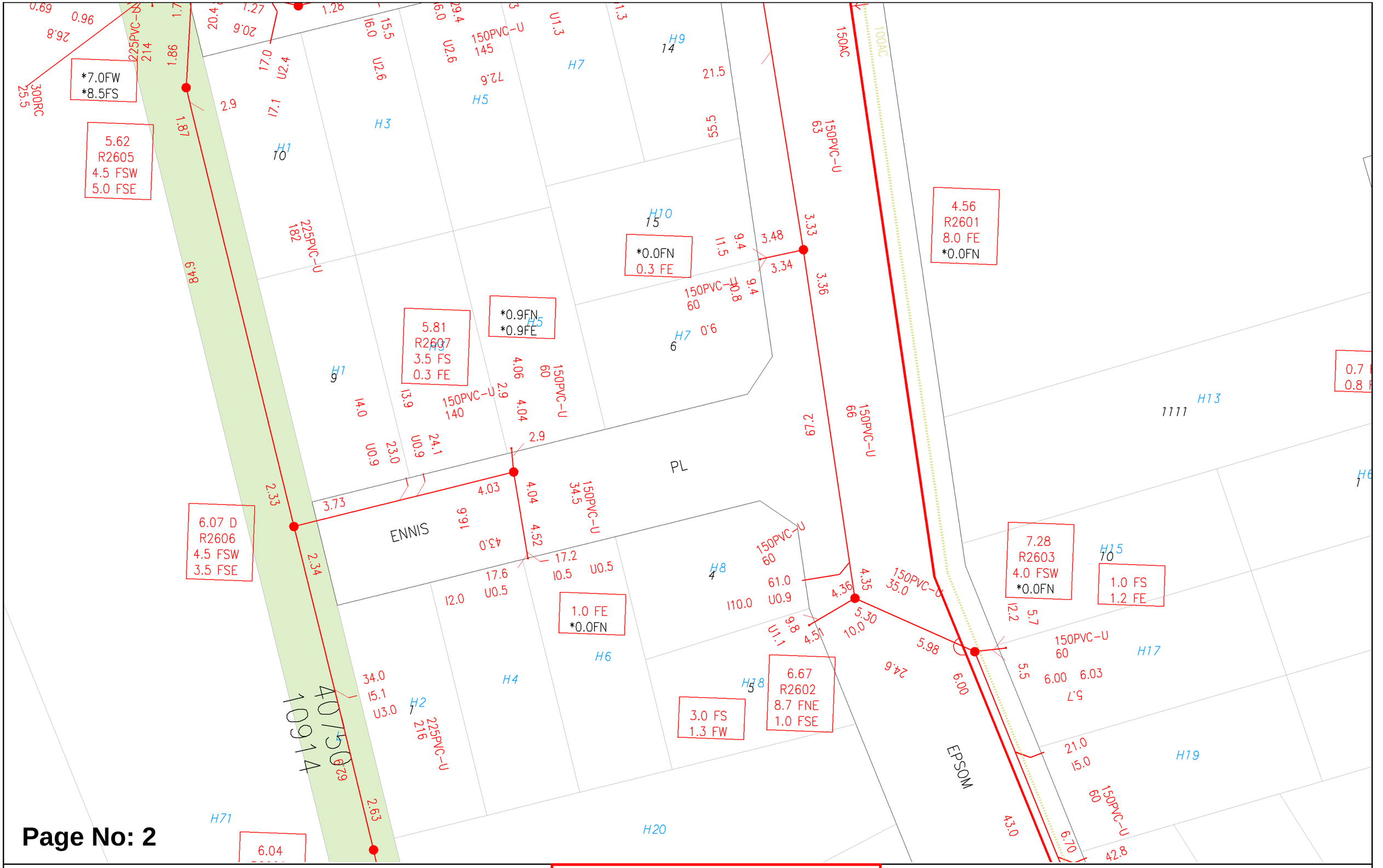
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R2608
4.5 FSW
1.0 FSE

6.37 D
R2609
4.5 FSW
2.0 FSE

7.14
R2610
10.7 ANW
4.5 FSW

7.57 D
R2611
2.4 ANE
7.0 FSE

7.42 D
R2612

7.86 D
R2628
7.6 ASW
7.0 FSE

1.8 AS
1.1 FE

8.16
R2630
7.0 FSE
10.7 FSW

3.5 FNW
21.5 FSW

8.10
R2629
3.5 FNW
0.5 FNE

4.5 FSW
1.0 FS

8.21
2639
7.5 FNW
4.0 FNE

1.0 FNE
1.2 FS

7.36 D
R2631
7.0 FNE
8.2 FSE

8.46
2638
4.5 FSW
2.0 FSE

H22 H24 172 H59 171 H63 H61 7 H51 170 H51 504 H51 H51 505 H51 H60 166 H58 H56 164 H54 136 H31 2

MATHESON

225PVC-U 199
150PVC-U 64
225PVC-U 184
225PVC-U 153
225PVC-U 162
150PVC-U 125
150PVC-U 146
150PVC-U 168
100PVC-U
100AC
150AC
225PVC-U 172
225PVC-U 142
150PVC-U 62
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150PVC-U 136
150PVC-U 137
150PVC-U 111

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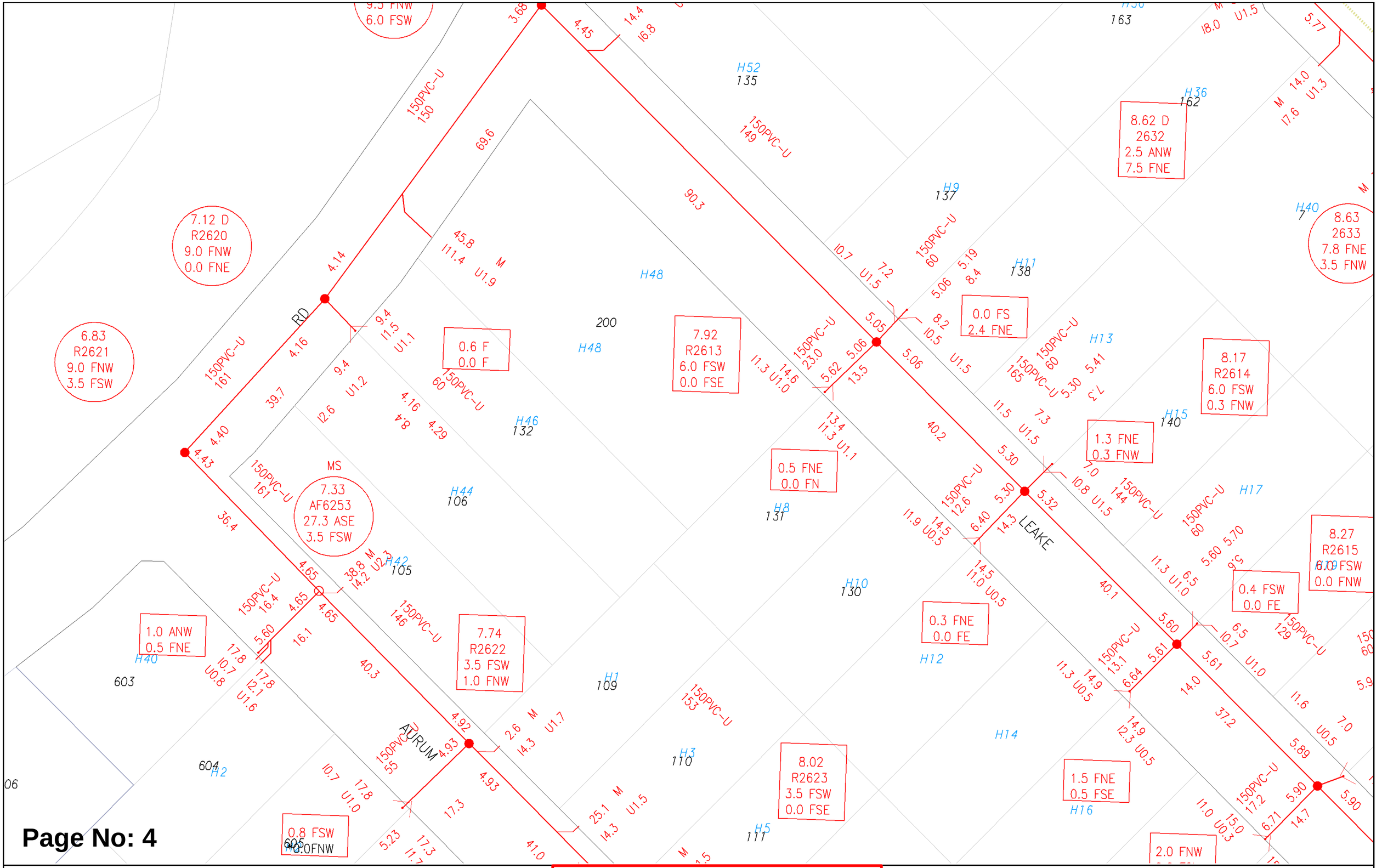
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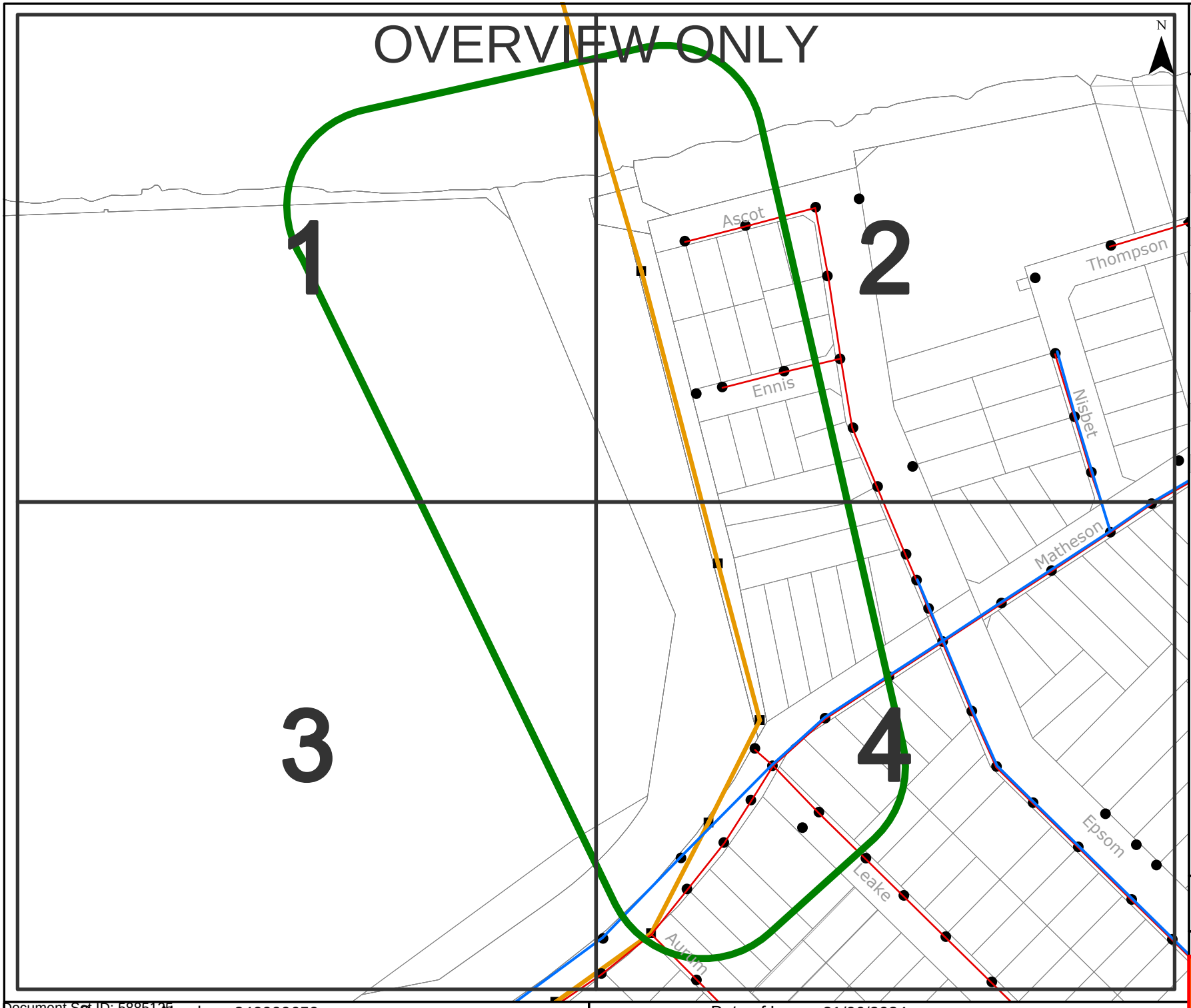
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westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Check that you have enough clearance from the DANGER ZONES near overhead powerlines.

Telephone Support: 1300 769 345
Mon to Fri - 08:00 to 16:30

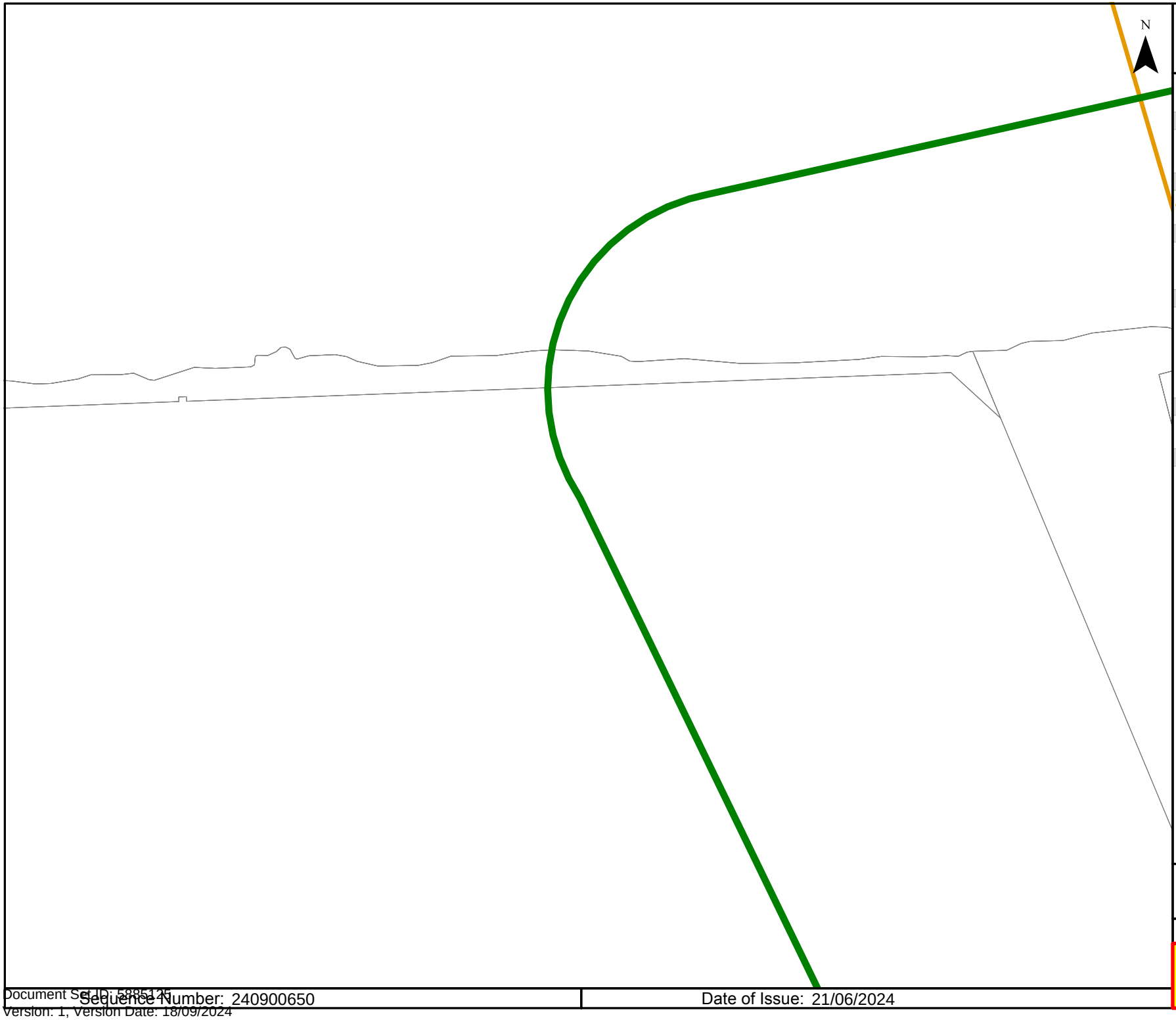
Information valid for 30 days from date of issue

A4	Scale : 1:3075

WARNING! Look out for overhead power lines

Sequence Number: 240900650 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

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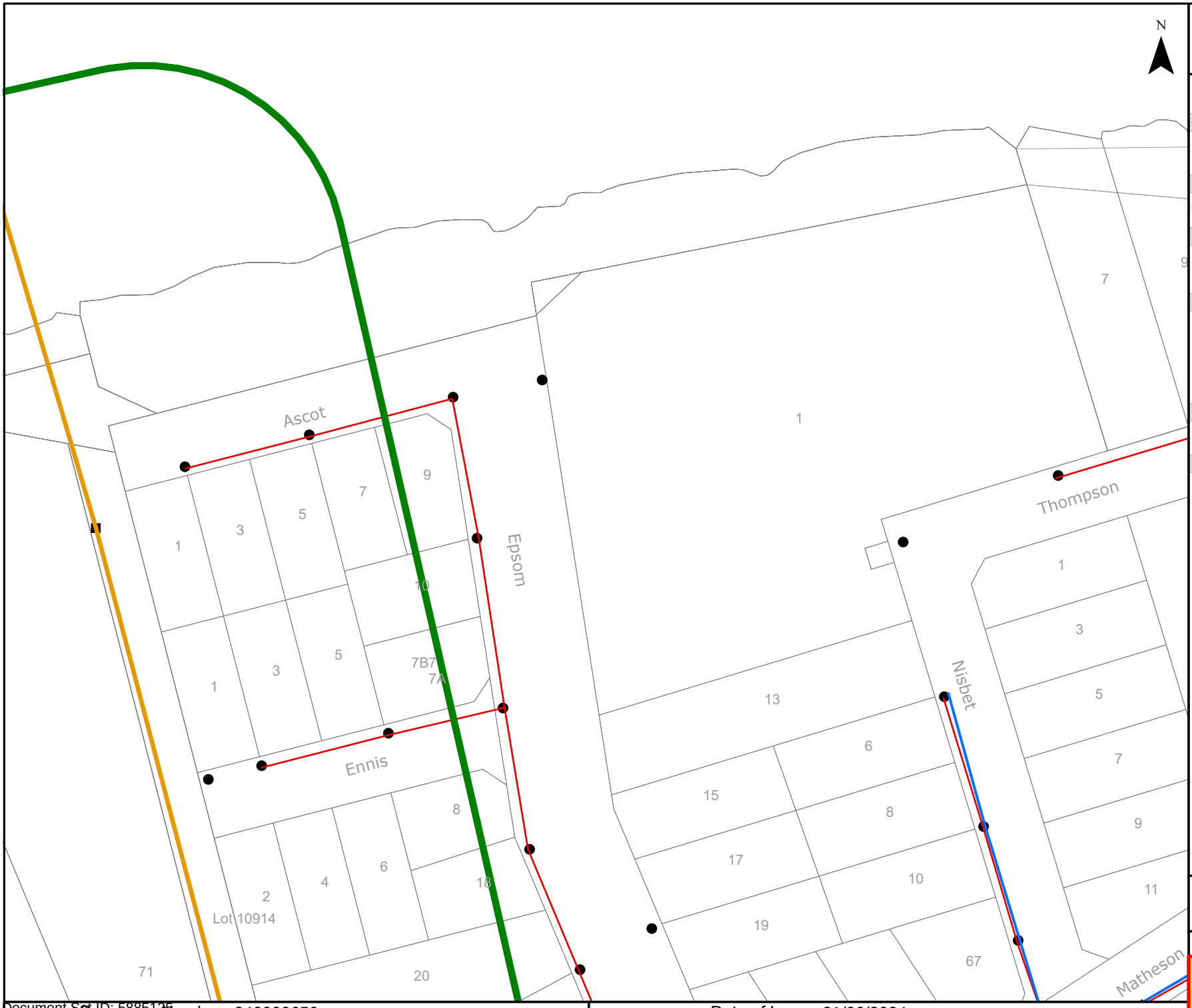
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WARNING! Look out for overhead power lines

Sequence Number: 240900650

Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

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This map is INDICATIVE ONLY. Check that you have enough clearance from the DANGER ZONES near overhead powerlines.

Telephone Support: 1300 769 345
Mon to Fri - 08:00 to 16:30

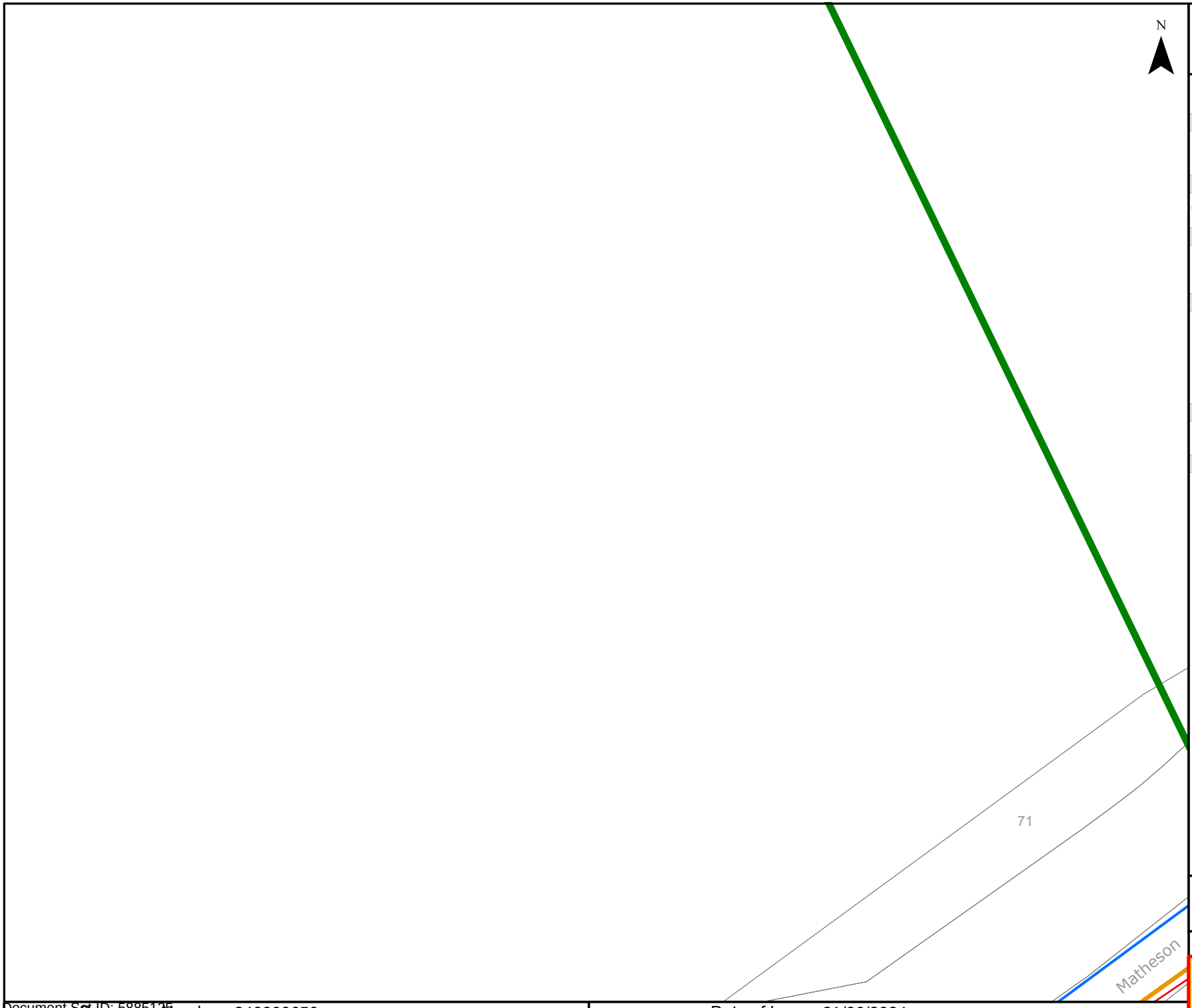
Information valid for 30 days from date of issue

A4	Scale : 1:1500

WARNING! Look out for overhead power lines

Sequence Number: 240900650 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

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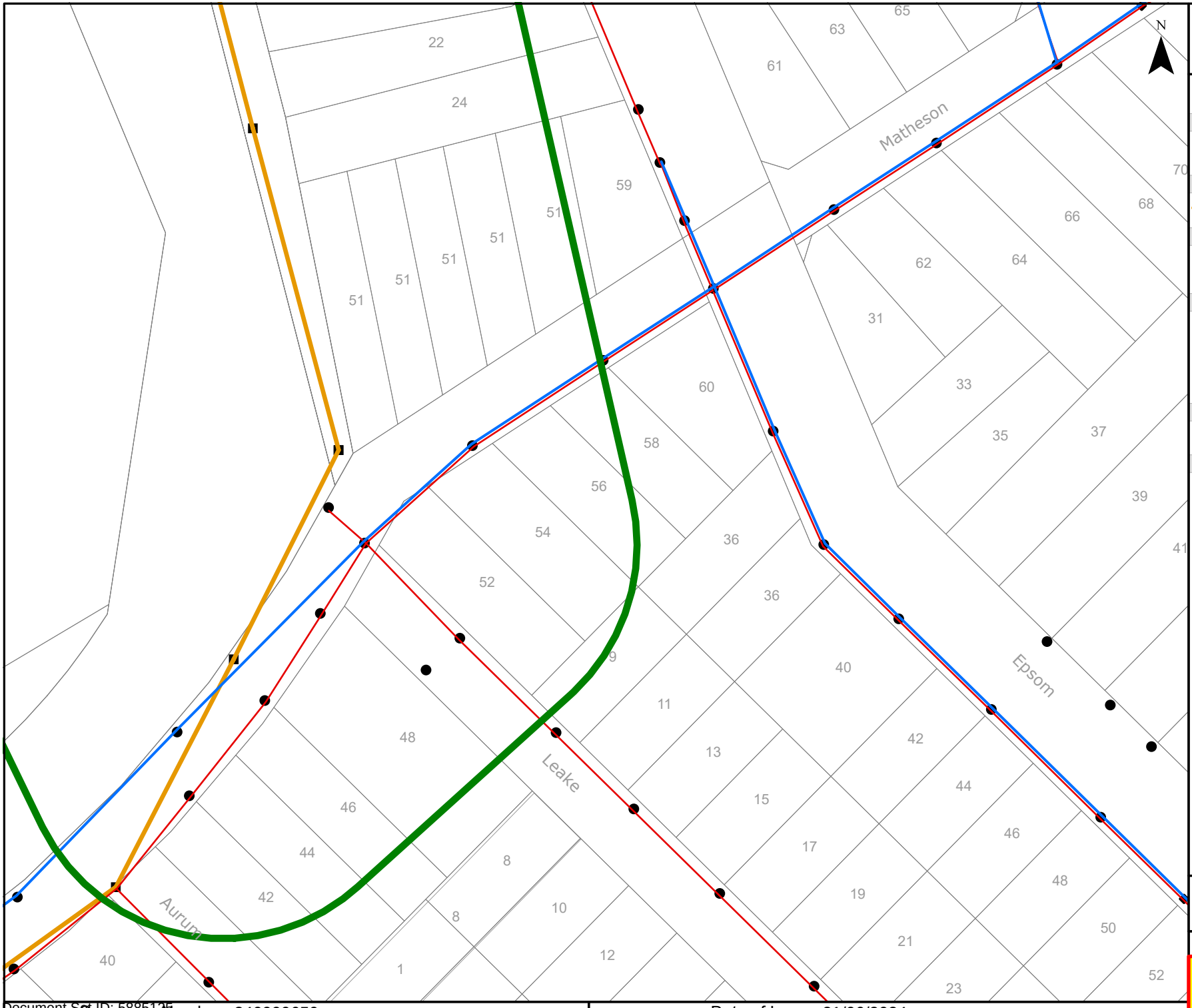
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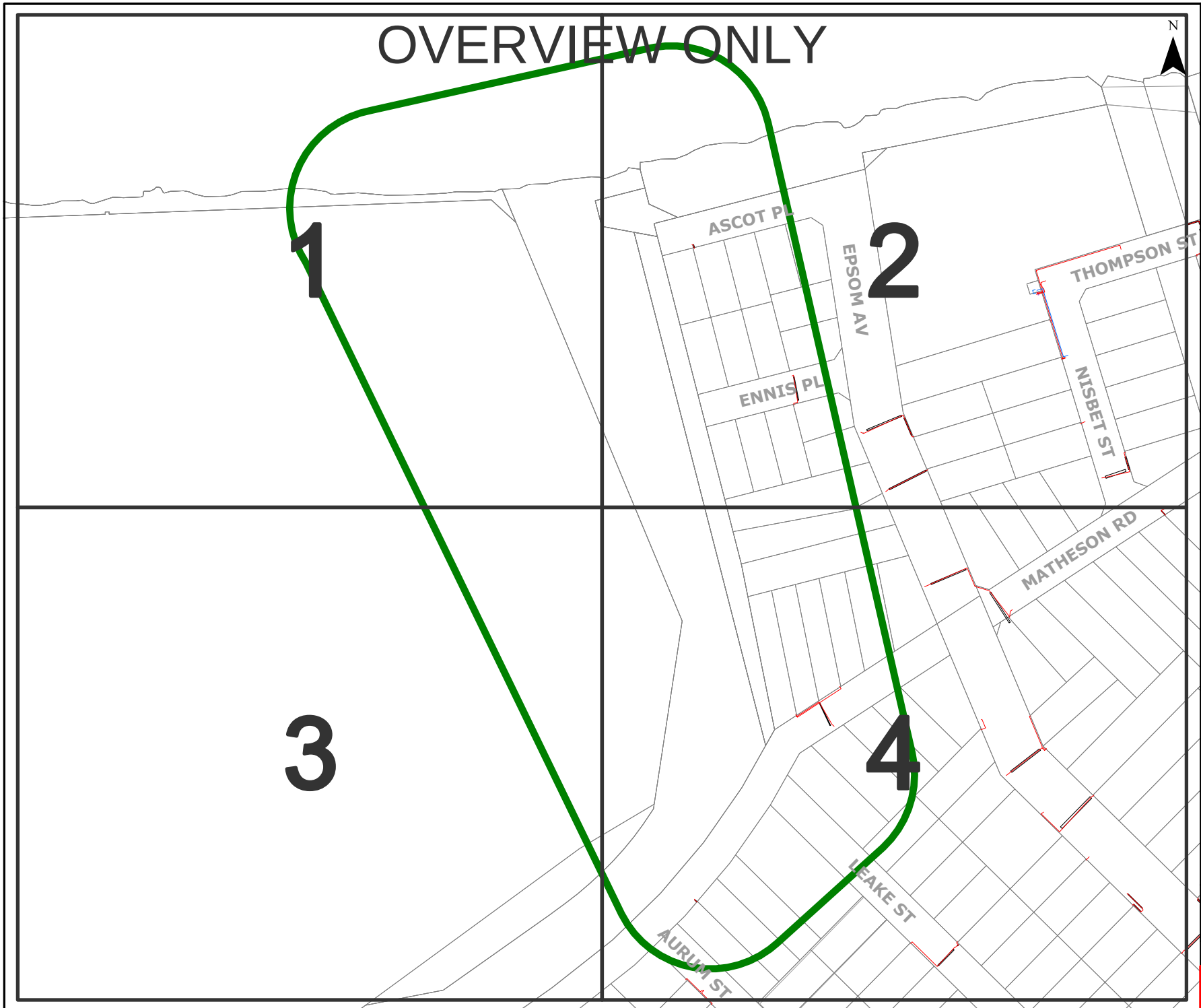
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westernpower

UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
- Street Light Circuit (< 1kV)
- Street Light Pilot (< 1kV)
- Earth Wire

Cable Pole Terminations

- HV Termination
- LV Termination

Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

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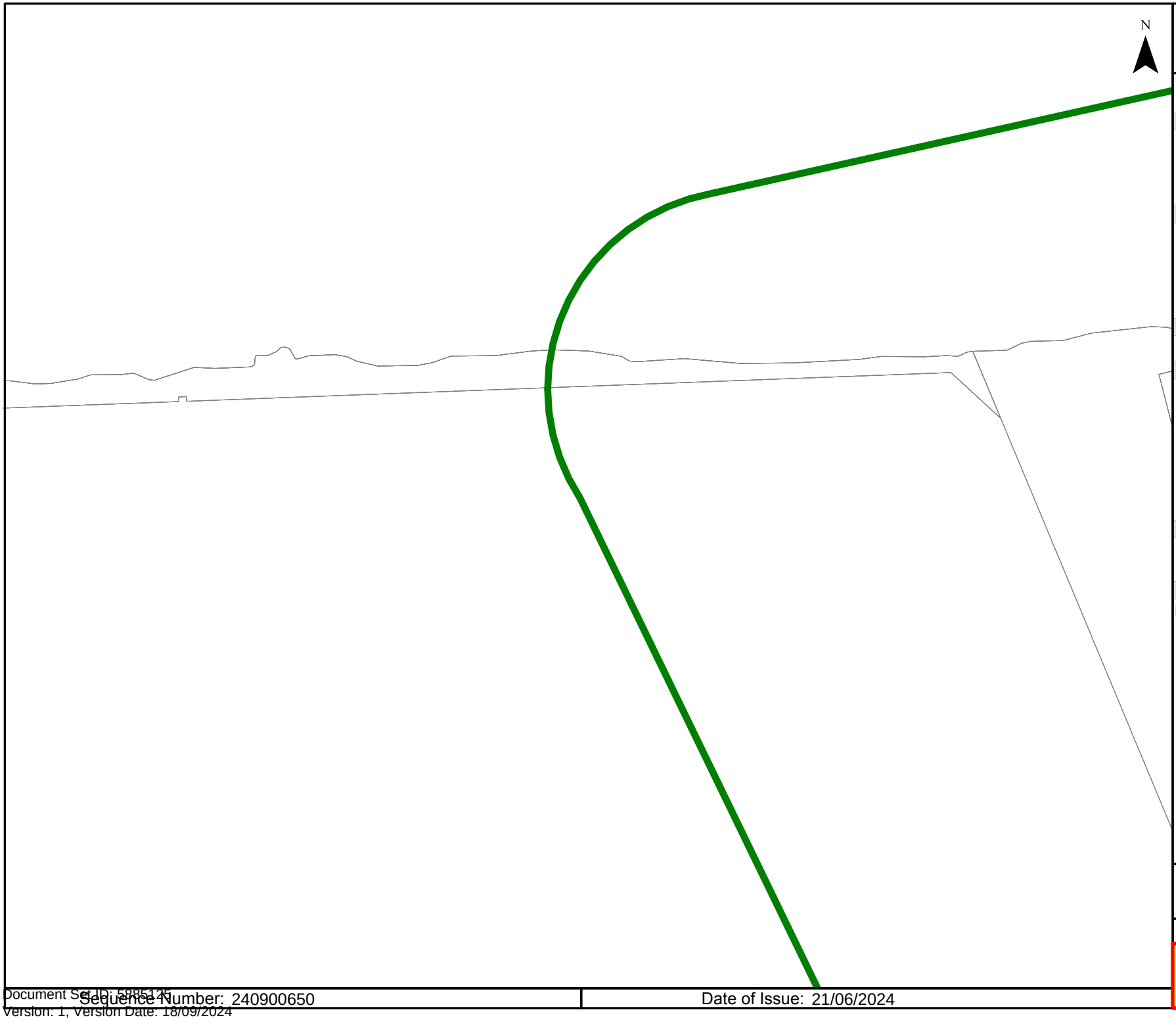
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UNDERGROUND LEGEND

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Feature

- Area of Interest

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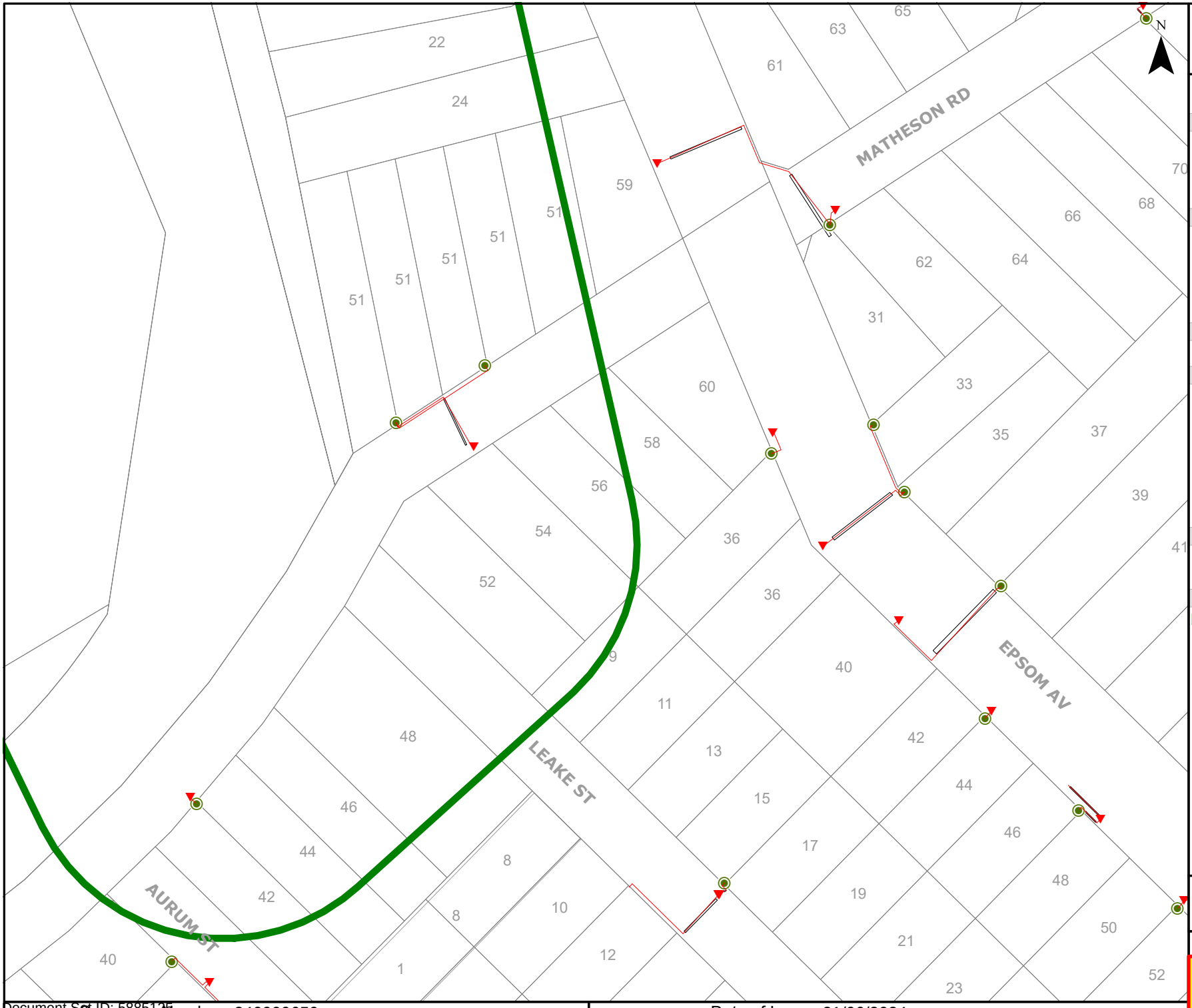
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Sequence Number: 240900650 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

Job No 36962248

byda.com.au

Contact Details

Contact	Contact number	Company	Enquirer ID
Justin Zielinski	0420 304 451	-	3140642

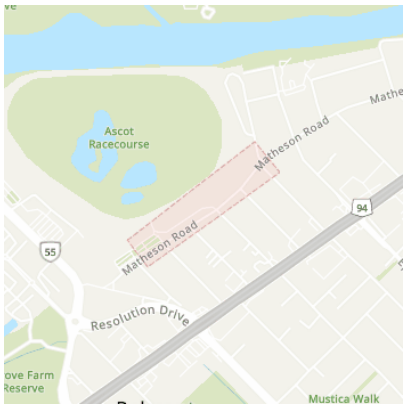
Email
jzielinski@tabec.com.au

Address
54 Havelock Street
West Perth WA 6005

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

Enquiry date	Start date	End date	On behalf of	Job purpose	Locations	Onsite activities
21/06/2024	24/06/2024	24/06/2024	Private	Design	Both Road	Planning & Design



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

User Reference	Address	Notes/description
Precinct C - 1	30 Matheson Road Ascot WA 6104	-

Your Responsibility and Duty of Care

- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the Privacy Policy and Term of Use.
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
240900641	ATCO Gas Australia	1300 926 755	NOTIFIED
240900637	NBN Co (WA)	1800 687 626	NOTIFIED
240900639	Telstra (WA)	1800 653 935	NOTIFIED
240900640	Water Corporation	13 13 95	NOTIFIED
240900638	Western Power	13 10 87	NOTIFIED

END OF UTILITIES LIST

Document Set ID: 9885128
Version: 1, Version Date: 18/09/2024

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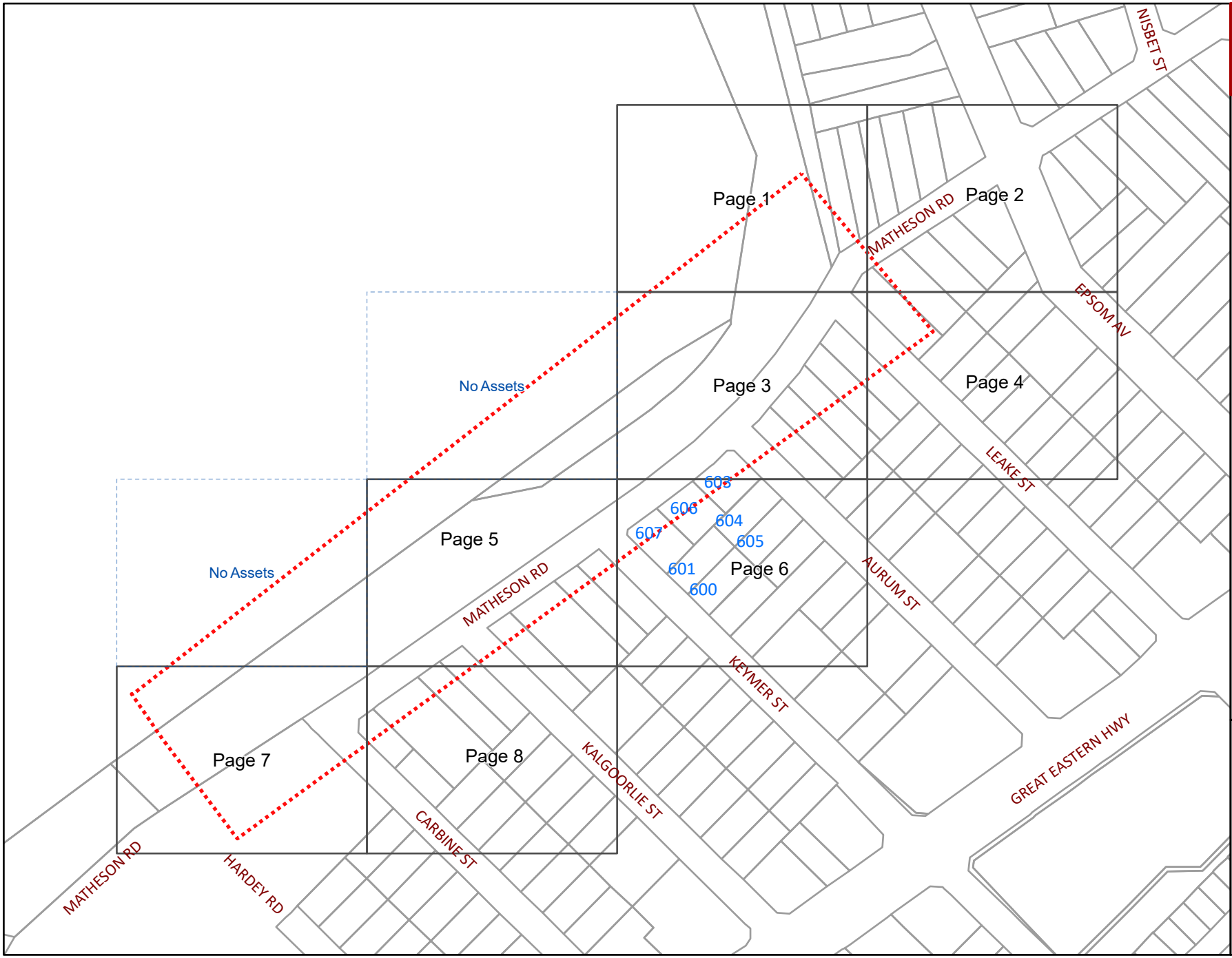
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ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)
Index Sheet

Seq # 240900641
Job # 36962248

BYDA Location: 30 Matheson Road Ascot 6104
Scale: 1:3,500

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WARNING
Refer to Cover Sheet for Further Information

BYDA Enquiry

Detailed map page

No dig site assets

Please refer to Symbols Sheet for Further Information

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ATCO Gas Australia will seek compensation for damage caused to assets.

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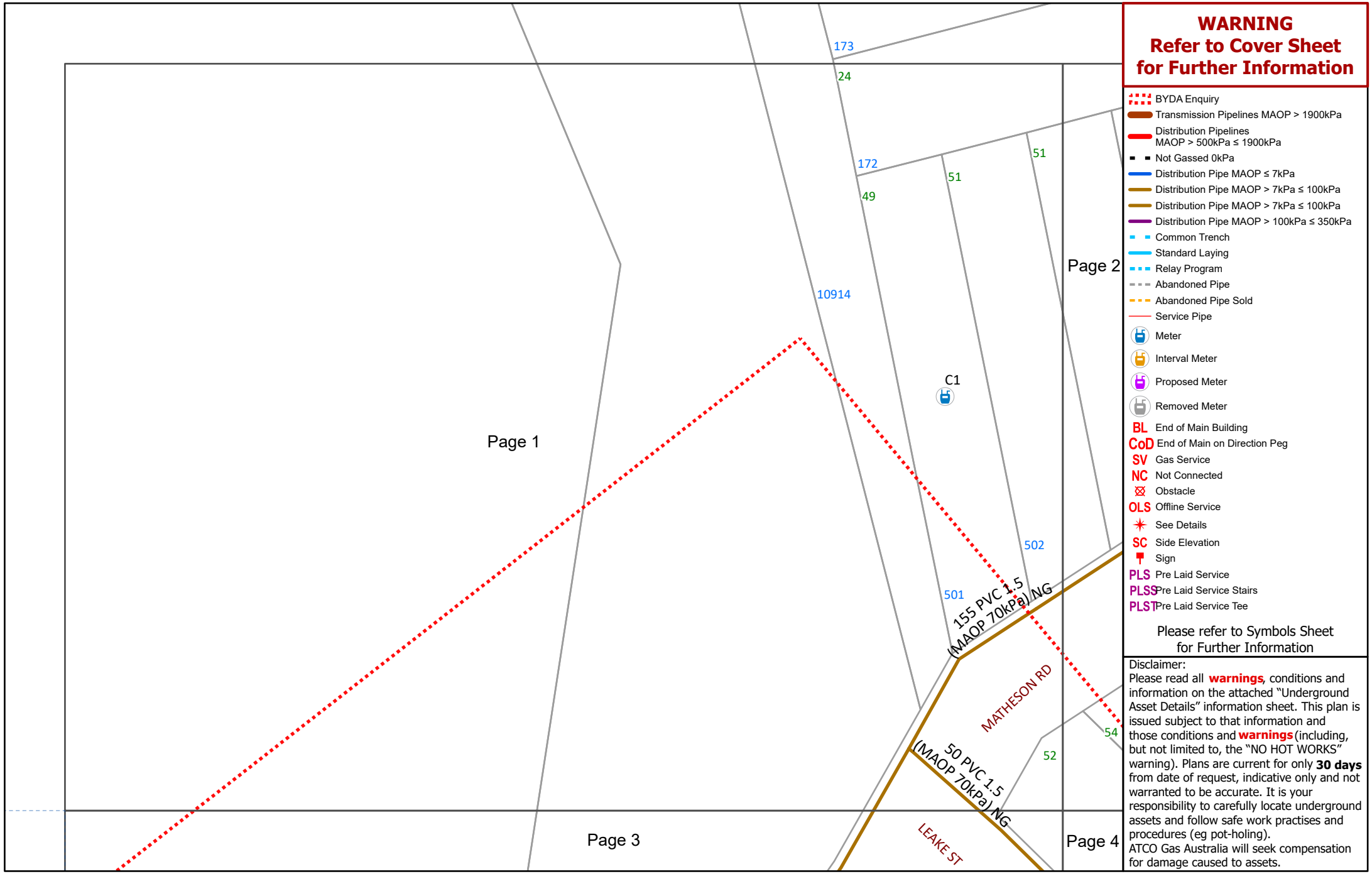
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Seq # 240900641
Job # 36962248

BYDA Location: 30 Matheson Road Ascot 6104
Scale: 1:800

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WARNING
Refer to Cover Sheet for Further Information

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
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- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
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- Proposed Meter
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- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
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- Sign
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- PLSS Pre Laid Service Stairs
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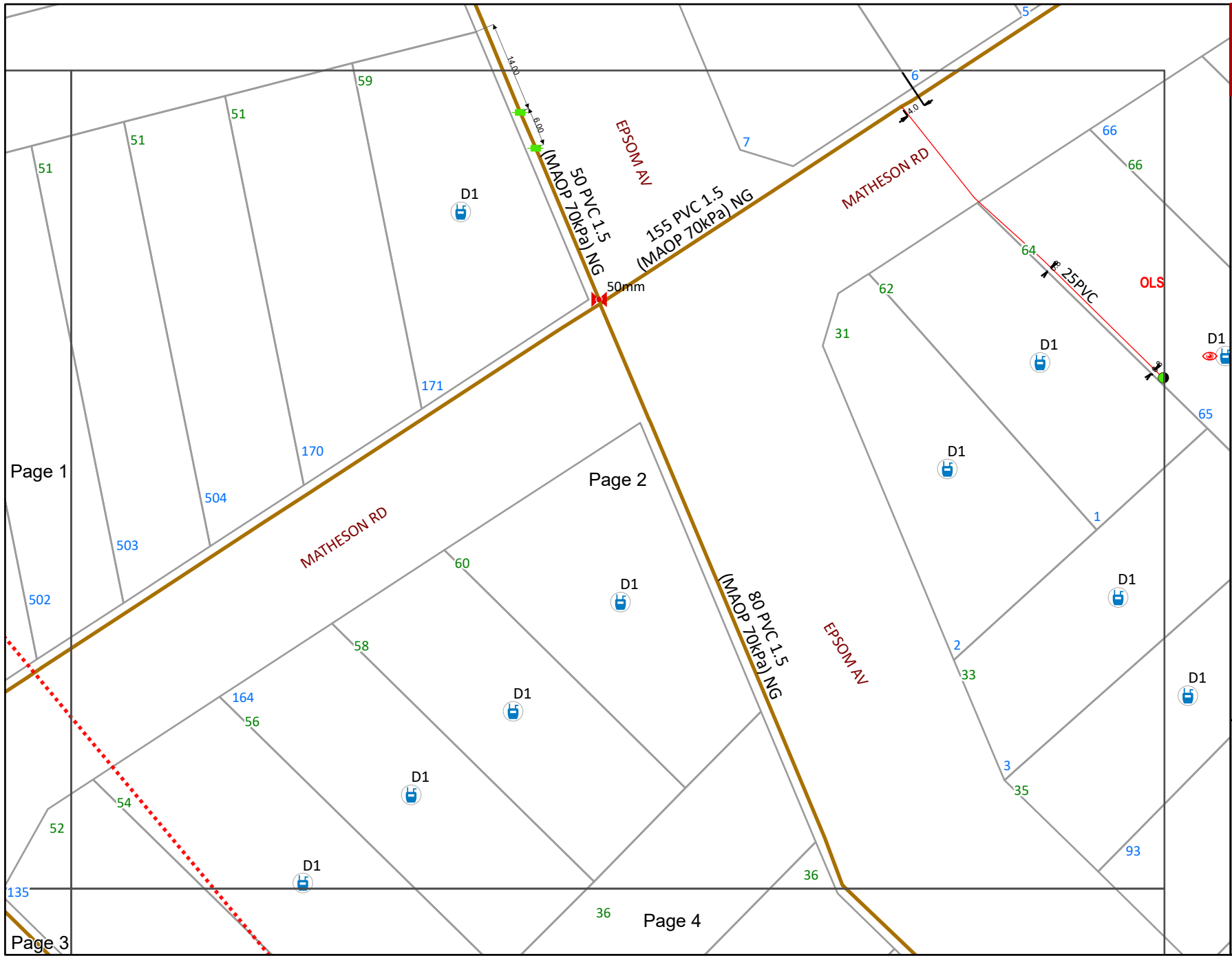
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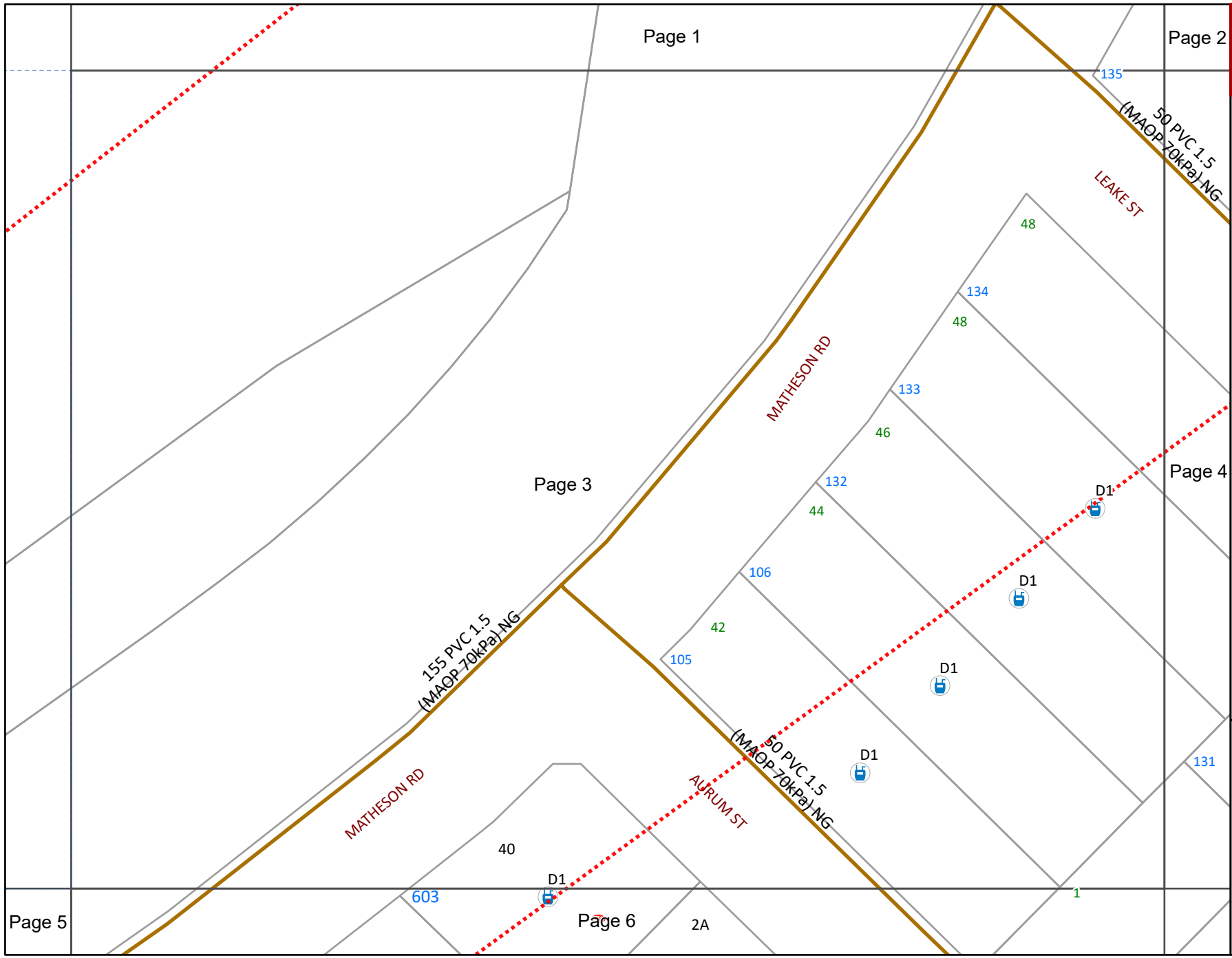
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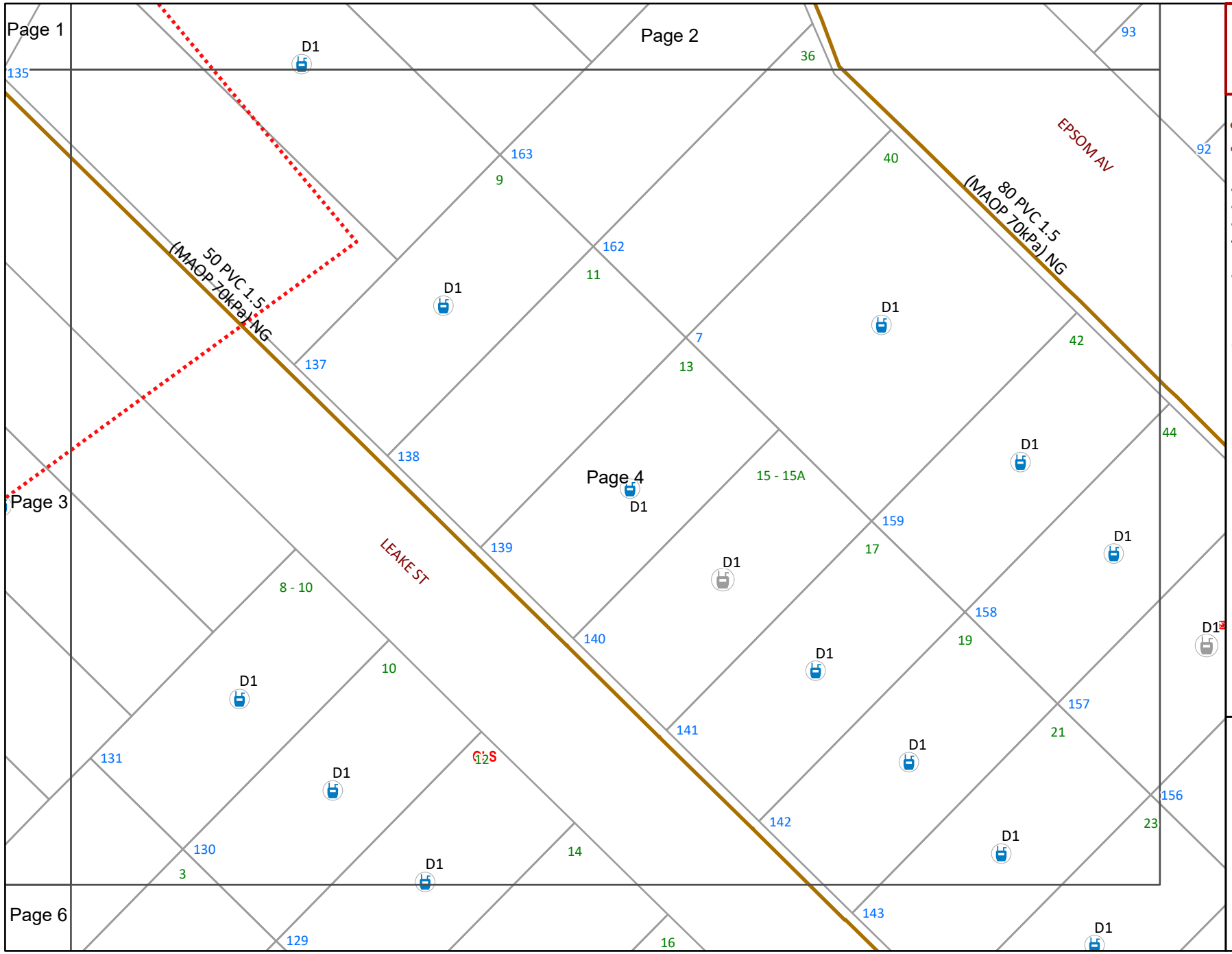
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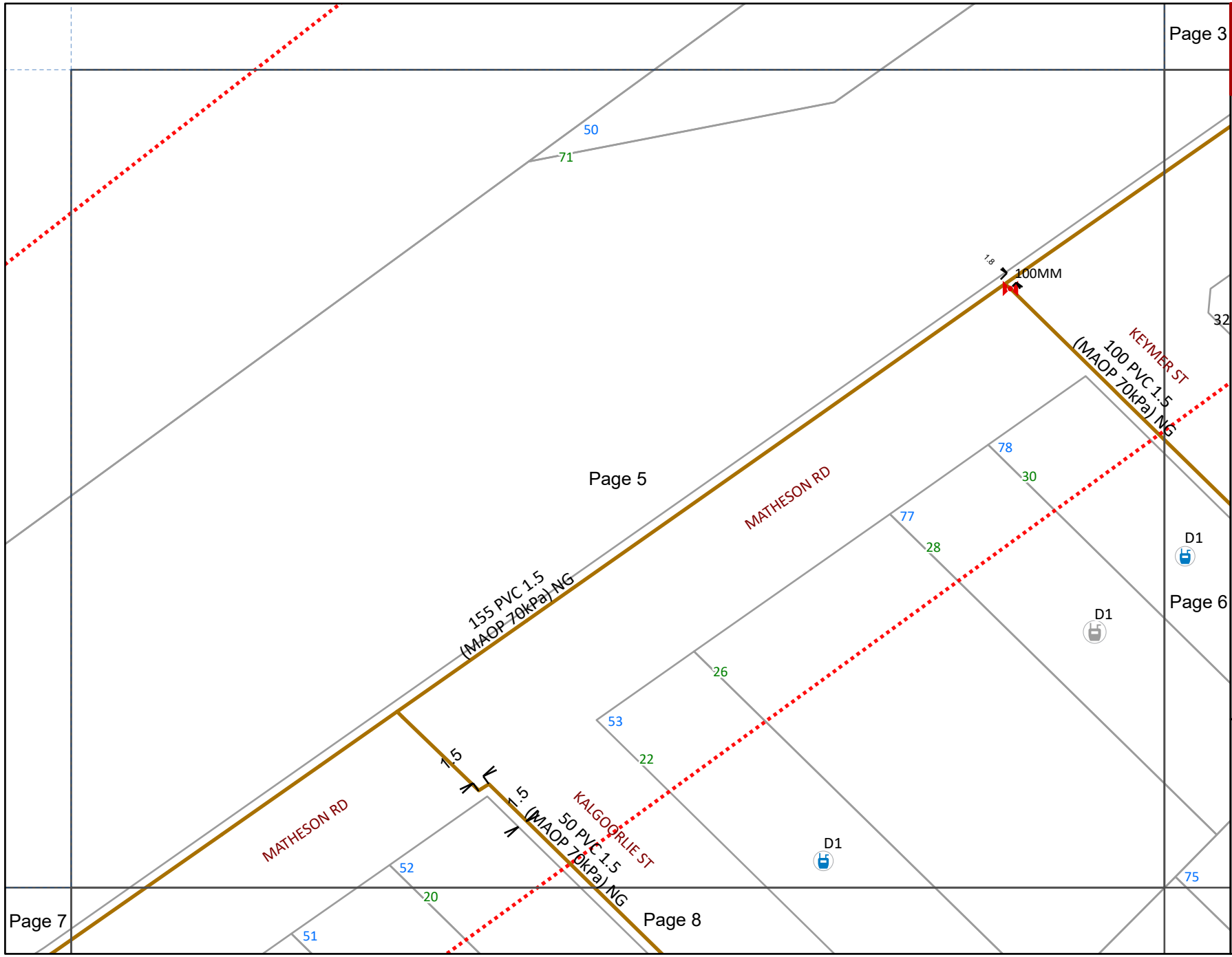
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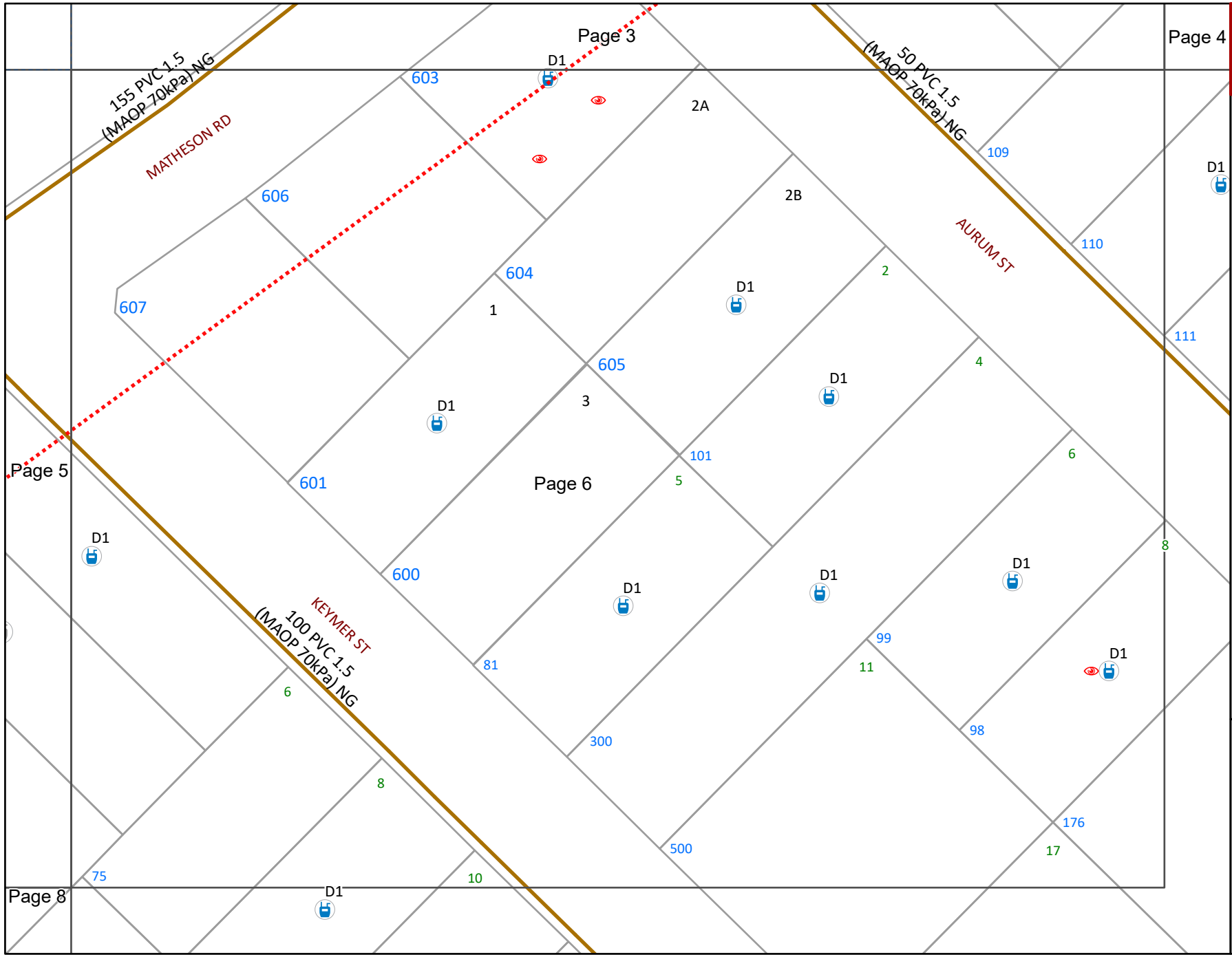
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- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
- Common Trench
- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
- Interval Meter
- Proposed Meter
- Removed Meter
- BL End of Main Building
- CoD End of Main on Direction Peg
- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
- See Details
- SC Side Elevation
- Sign
- PLS Pre Laid Service
- PLSS Pre Laid Service Stairs
- PLST Pre Laid Service Tee

Please refer to Symbols Sheet for Further Information

Disclaimer:
Please read all **warnings**, conditions and information on the attached "Underground Asset Details" information sheet. This plan is issued subject to that information and those conditions and **warnings** (including, but not limited to, the "NO HOT WORKS" warning). Plans are current for only **30 days** from date of request, indicative only and not warranted to be accurate. It is your responsibility to carefully locate underground assets and follow safe work practises and procedures (eg pot-holing).
ATCO Gas Australia will seek compensation for damage caused to assets.

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ATCO

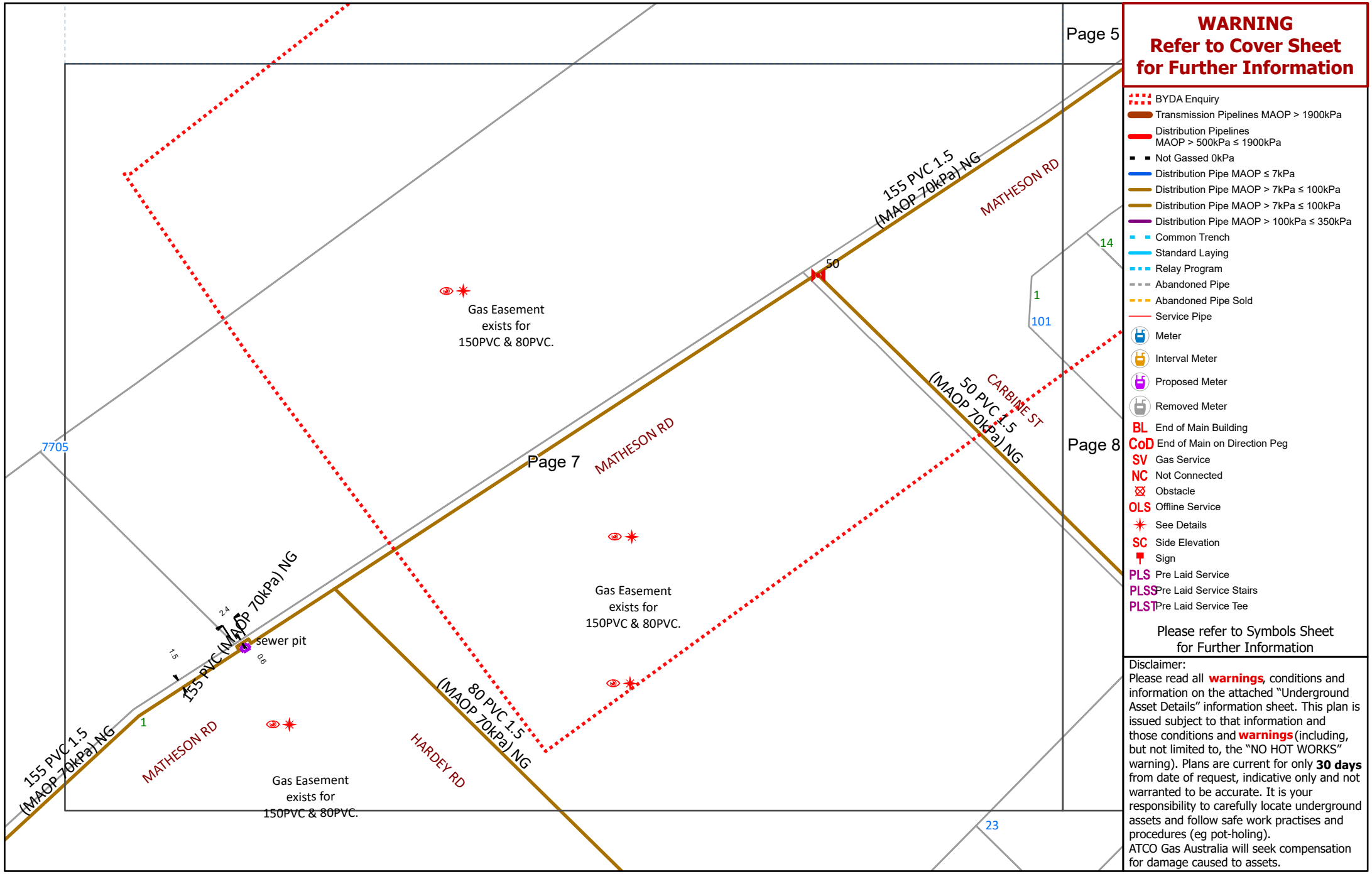
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900641
Job # 36962248

BYDA Location: 30 Matheson Road Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



WARNING
Refer to Cover Sheet for Further Information

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
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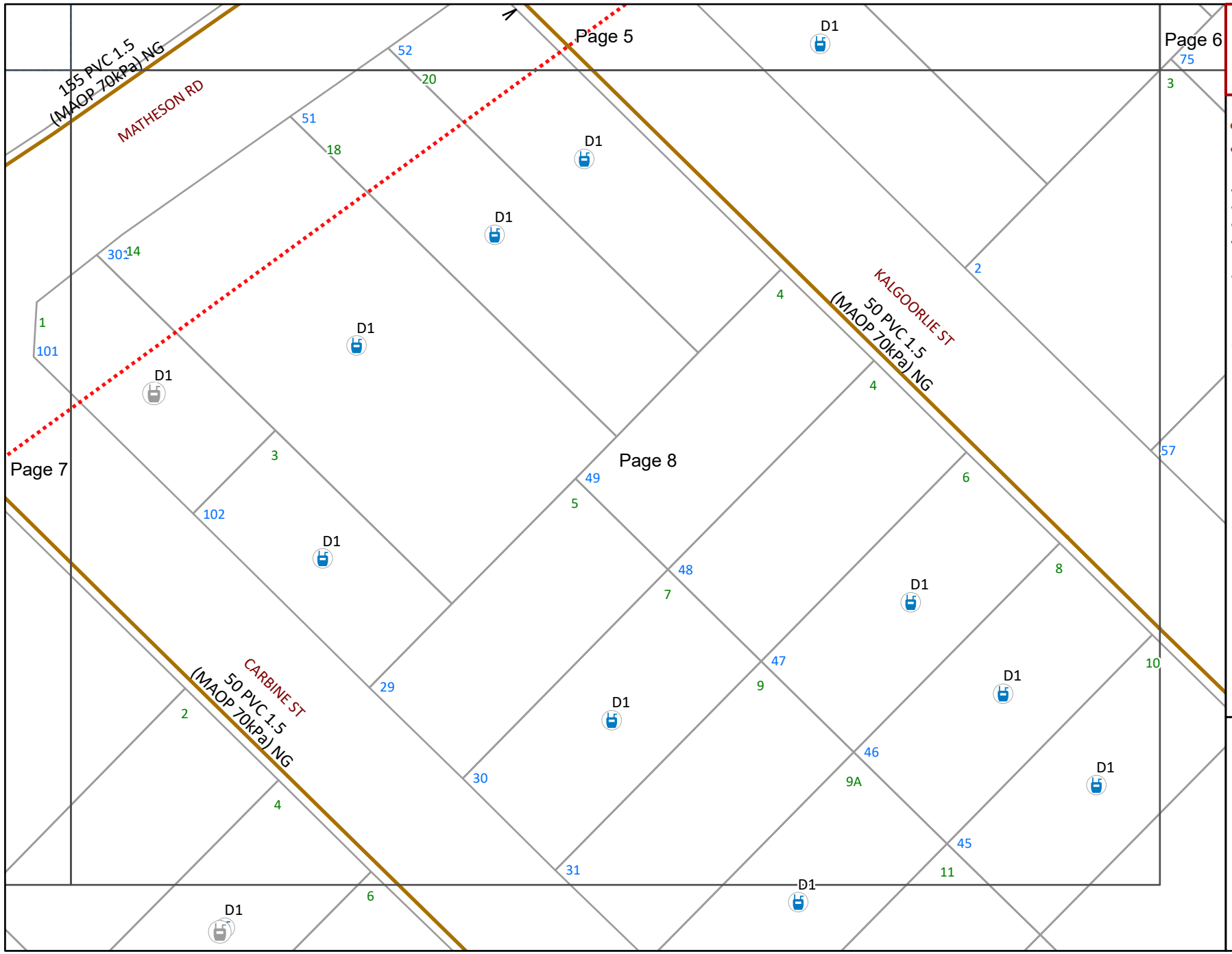
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ATCO UNDERGROUND ASSET DETAILS ASSETS AFFECTED
GAS DIVISION

ASSETS AFFECTED – see accompanying Plan

Justin Zielinski
ATCO Gas Australia
54 Havelock Street
West Perth
WA 6005

Job No: **36962248**
Sequence No: **240900641**
Date of Issue: 21 June 2024
Phone: **1300 926 755**

BYDA Utility Registration Name: Private
BYDA Location: **30 Matheson Road Ascot WA 6104**

ATTENTION: This response to your enquiry has been interpreted from details in your requested DBYD picture location request only (not any street address you gave). It is your duty to ensure the accompanying plan/s match your geographical area of works.

IF YOU SEE, HEAR, SMELL OR OTHERWISE DETECT GAS,
LEAVE THE IMMEDIATE AREA AND THEN CALL 13 13 52

Our records indicate that ATCO gas infrastructure ***IS PRESENT*** in the vicinity of and/or surrounding area of the above enquiry. This response relates only to ATCO assets. Your Duty of Care requires that personnel **Must** at all times comply with, and have on site, this information sheet and the accompanying plan(s). All plans are subject to this information sheet. You should refer to the ATCO Self-service Portal (Link Here) or if unsure, contact ATCO on **1300 926 755** during business hours.

All information provided is to be used as a guide only (see Disclaimer item **5**). It does not absolve you or third parties from your Duty of Care obligations, including to take additional precautions where work has the potential to impact on gas assets, public safety or the environment, or from your duties at law (including Reg 3.21 of the Occupational Safety and Health Regulations 1996).

WARNINGS

- No works of any type within 15 metres of any **CRITICAL GAS ASSET** infrastructure without prior approval from ATCO
- **NO HOT WORK** within 15 metres of any gas infrastructure except in compliance with applicable laws & *Australian Standard 1674.* **Do Not** let heat sources or hot works impact on any gas infrastructure and take into consideration that the ground or adjacent structures may also be capable of transmitting heat so as to circumvent protection afforded by a heat shield or barrier
- **DANGER** - Gas can cause asphyxiation and is flammable. Keep all ignition sources well away (e.g., flames, matches/ lighters, sparks, electrical devices, vehicles or engines, mobile phones, cameras)
- Gas pipes **Must Not** be unsupported or left without adequate cover or protection without prior approval from ATCO
- Damage to the pipe coating or pipe itself can be very dangerous if not given immediate attention. Report any damage to ATCO immediately on **13 13 52**. **Do Not** attempt to repair any damaged gas infrastructure
- No alteration or removal of live or abandoned gas infrastructure without prior written approval from ATCO
- Any abandoned or proposed gas infrastructure indicated on the gas plans **Must** be treated as live
- Never assume the location or depth of any gas infrastructure. Pipes may not follow straight lines or maintain a constant depth. Always check carefully (e.g., by careful hand digging of potholes)
- Unauthorised repairs or tampering with gas infrastructure may result in prosecution under the *Energy Operators (Powers) Act 1979*. ATCO Gas Australia reserves all rights to recover compensation for loss or damage to its gas infrastructure or other property including for indirect or consequential losses.

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PLANS:

Plans provided are current for **30 days only** from date of request. You must use current plans at all times.

Plans do not show all gas service lines (which connect gas mains to individual meter positions). See condition **3.c)** below.

If plan shows **additional detail** symbols (*) or ( ) in the area of proposed works it is **your duty** to obtain that further detail from the number below.

Plans (including the location of pipes, services, infrastructure and boundaries) are **approximate only**. You **Must** use safe and proper procedures – including **potholing** (see condition **4** below).

Plans are not a guide as to gas availability for connection purposes.

To call ATCO: **Weekdays from 7.30am to 3.30pm, call – 1300 926 755 After hours, weekends and emergencies, call – 13 13 52**

CONDITIONS FOR WORKS IN THE VICINITY OF ATCO ASSETS

1. Compliance with Warnings

You **Must** comply with the Warnings contained in this information sheet and the accompanying plan(s).

2. Compliance with 'Working around Gas Infrastructure' Document (Link Here) applicable laws and duty of care

All work (including but not limited to using Excavator's Augers, Directional, drilling machines, 'Ditch Witch' type trenching machine, Loader, Dozer, Skid Steer (Bob Cat)) **Must** comply with all applicable requirements in the 'Working around Gas Infrastructure' Document and with all applicable laws and Australian Standards. All due care must be exercised to locate any gas infrastructure in the vicinity and when conducting any works near them.

3. All Gas Infrastructure

All work that may have any impact upon any gas infrastructure (see **3.a)**, **b)** and **c)** below for examples) should be carefully planned with notification to ATCO well in advance of commencement. Contact ATCO on **1300 926 755** or visit Atco's online self-service portal (Link Here). Amongst other things, this includes excavation of or near gas pipelines, boring/drilling, crossings of pipelines (including by other underground infrastructure e.g. drains, power cables, etc.), road works and structural installations. In addition:

a) Critical Asset

No works of any type are permitted within 15 meters of these pipelines without prior approval from ATCO. For approvals contact ATCO on **1300 926 755** or visit the Atco online Self-service portal (Link Here)

You **Must** ascertain the location of any Critical Asset, in relation to your proposed work by:

- Locating a straight line between two marker danger signs, and
- Assessing the distance from this line to your proposed work area.

ATCO may require stand-by supervision during your works and will advise of attendance requirements.

b) Non Critical Assets

These pipelines are installed in most streets throughout the Perth metro area and several country centers. Main valves, regulator sets, and test points also exist at intervals along these pipelines. Where work may impact upon these pipelines or assets then ATCO **Must** be contacted as per item **3** above.

c) Gas Services and Meters

If a gas meter is installed on a property, an underground gas service pipe will run from the meter position to the gas main in the street. Plans do not show all gas service lines (with the exception of Critical Assets), but their presence must be anticipated. Most gas meter boxes installed since 1996 will include a sticker giving approximate guidelines for the gas service line location. All due care must be exercised to locate any gas services in the vicinity and when conducting any works near them.

4. Compliance with Safe Work Practices

It is your responsibility to have and comply with adequate safe work practices and procedures. Without limiting your obligations:

PLAN The complete & current Before you Dig Australia documentation and plans must always be on site & referred to for the duration of work. Refer to regulation 3.21 of the Occupational Safety and Health Regulations 1996 and the Utility Providers "Code of Practice" for further useful information.

PREPARE Prepare by reviewing the Before you Dig Australia Documentation and contacting ATCO if you need assistance. Look for onsite ATCO asset and infrastructure clues such as pit lids, marker posts and meters. No works of any type are permitted within 15 meters of a **CRITICAL ASSET** without prior approval from ATCO. For approvals contact ATCO on **1300 926 755** or visit the Atco website Self Service portal (Link Here) and allow suitable

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processing time. Atco recommends engaging a BYDA Certified Locator which includes undertaking electronic location prior to potholing.

POTHOLE Using current Before you Dig Australia plans, all gas pipes should be located (including any deviation in the direction of a gas pipe) by exposing them by careful digging using a HAND SHOVEL. Where the proposed work is parallel to a gas pipeline, pothole every 10 meters along the entire route. Damage to the pipe coating or to the pipe itself can create a very dangerous situation if not given immediate attention. If damage does occur, it **Must** be reported to ATCO immediately on Ph. **13 13 52**.

PROTECT Supervise and monitor all excavations near gas infrastructure using a dedicated spotter. Where any gas infrastructure is required to be exposed, adequate protection of the gas infrastructure is required to prevent potential damage. Also implement appropriate controls when conducting 'hot work' (in accordance with AS 1674) in the vicinity of the ATCO infrastructure such as; isolation; separation distance; the placement of an effective non-combustible barrier of sufficient size and thermal resistance for the intensity, type and duration of heat exposure; gas monitoring; monitoring the environment surrounding the ATCO infrastructure to ensure it is not being impacted by the work, and other controls as necessary.

PROCEED You should **only proceed** with your excavation work after you have planned, prepared, potholed (unless prohibited) and have protective measures in place. All locations markers/pegs are to be removed on completion of works. If you are unsure, **DO NOT** Proceed. Call ATCO on **1300 926 755**

5. Disclaimer and Further Terms

a) Nothing in this document, any accompanying plan or the 'Additional Information for Working around Gas Infrastructure' (AGA-O&M-PR24) (together called "**Documents**") purports to exclude or modify any term, condition or warranty to the extent that by law it cannot lawfully be excluded or modified by agreement or notice, including but not limited to those contained in Schedule 2 of the *Competition and Consumer Act* 2010 (Cth) and corresponding provisions of any state legislation.

b) If any of ATCO, or their respective related entities, officers, employees, agents, contractors or advisers (together called "**Associates**") is liable for a breach of a term, condition or warranty described in paragraph **5.a)** above, its liability is, to the fullest extent permitted by law, limited to any one or more of the following as it determines in its absolute discretion:

i) in relation to goods supplied by them, replacing or repairing the goods, supplying an equivalent item, paying the cost of replacing or repairing the goods or paying the cost of acquiring or hiring an equivalent item; and

ii) in relation to services supplied by them, the re-supply of the services or the payment of the cost of having the services re-supplied.

c) Subject to paragraphs **5.a)** and **b)**, but otherwise despite any other provision in the Documents, no representation or warranty is made or given (whether expressly or by implication) by any of ATCO or their respective Associates in respect of any information contained or referred to in any of the Documents or in any other communication from ATCO concerning any of the Documents or the subject matter of any of the Documents ("Information"). In particular, but without limiting the generality of the foregoing limitation, none of ATCO or their respective Associates makes any warranty or representation as to the truth, accuracy, completeness, reliability, currency, timeliness, quality or fitness for any purpose of or the standard of care taken in the preparation of any Document or Information (including, but not limited to, the accuracy of the scale of, or the location of anything or symbol shown on, any plan or diagram).

d) Subject to paragraphs **5.a)** and **b)**, to the maximum extent permitted by law, none of ATCO or their respective Associates is liable to any person or other body ("**Recipient**") who receives or otherwise obtains access to all or any part or parts of the Documents or Information, in any way (including, but not limited to, liability for negligence, breach of statutory duty or lack of care) in respect of any cost, expense, damages, loss or liability, including, but not limited to:

i) any financial or economic loss, cost, expense or damage, including but not limited to loss of production, loss of profit, loss of revenue, loss of use, loss of contract, loss of goodwill or loss of business opportunity;

ii) any new or increased costs or expenses, including but not limited to financing or operating costs;

iii) any failure to achieve any actual or anticipated saving in respect of any cost or expense;

iv) any cost, expense, damage or loss resulting from any liability of the Recipient to any other person or body howsoever and whensoever arising, suffered or incurred by the Recipient in relation to, or in connection with, the disclosure to them of, or use of, or reliance on, all or any

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part or parts of the Documents or Information.

e) By using any Document or Information, each Recipient is taken to represent and warrant to ATCO that the Recipient will comply with the conditions and other terms referred to in the Documents or Information, including but not limited to conditions that:

i) the Recipient **Must** comply with the conditions in numbered paragraphs **1** to **4** above and this paragraph **5**;

ii) as between ATCO and each Recipient, ATCO owns the Information and all rights and title in and to the Information are to remain vested in ATCO;

iii) no Recipient has any right, title or interest in the Information or, except as expressly provided for in the Documents, any license or right to copy, alter, modify, publish or otherwise use or deal with the Information without prior written approval from ATCO;

iv) ATCO makes no representation and gives no warranty as to its right to disclose any Information;

v) the Recipient relies on any Information entirely at its own risk and expense;

vi) the Recipient **Must** undertake its own independent due diligence and investigations in relation to the Information;

vii) none of ATCO or their respective Associates owes the Recipient any duty of care in respect of the Information; and

viii) none of ATCO or their respective Associates is under any obligation to correct, update or revise any Documents or Information.

GAS MAIN AND SERVICE IDENTIFICATION

LEGEND

1. Critical Asset (See **WARNINGS** page 1)
2. Pipe Diameter (millimetres)
3. Pipe Material

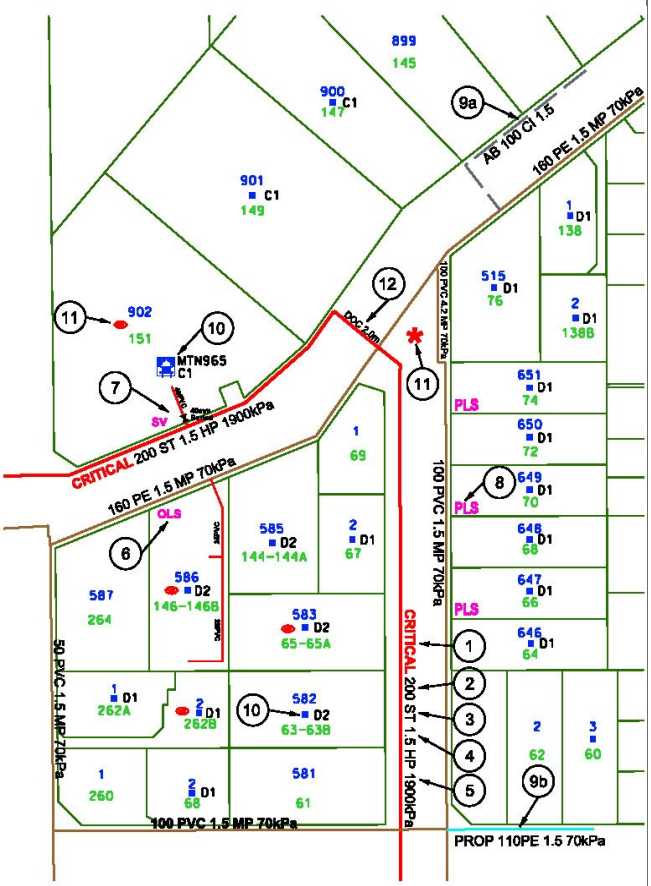
   CI = Cast Iron PE = Polyethylene
   GI = Galvanised Iron PVC = PVC
   ST = Steel
4. Alignment (in metres from property line)
5. Pressure in main (MP 70 kPa = Medium Pressure and MAOP (Maximum Allowable Operating Pressure)
6. Off-line Service – service may not be straight line to meter. (**WARNING – OLS may not always be shown on plan**. See item **Error: Reference source not found** above)
7. Service Valve in the vicinity
   (**NOTE:** Service Valve may be **"BURIED"**)
8. Pre-laid Service laid in Common Trench
9. Main Status: (See **WARNINGS** page 1)

   9a. AB = Abandoned Mains

   9b. PROP = Proposed Mains
10. Customer Connection: Does not indicate actual location of Meter Position

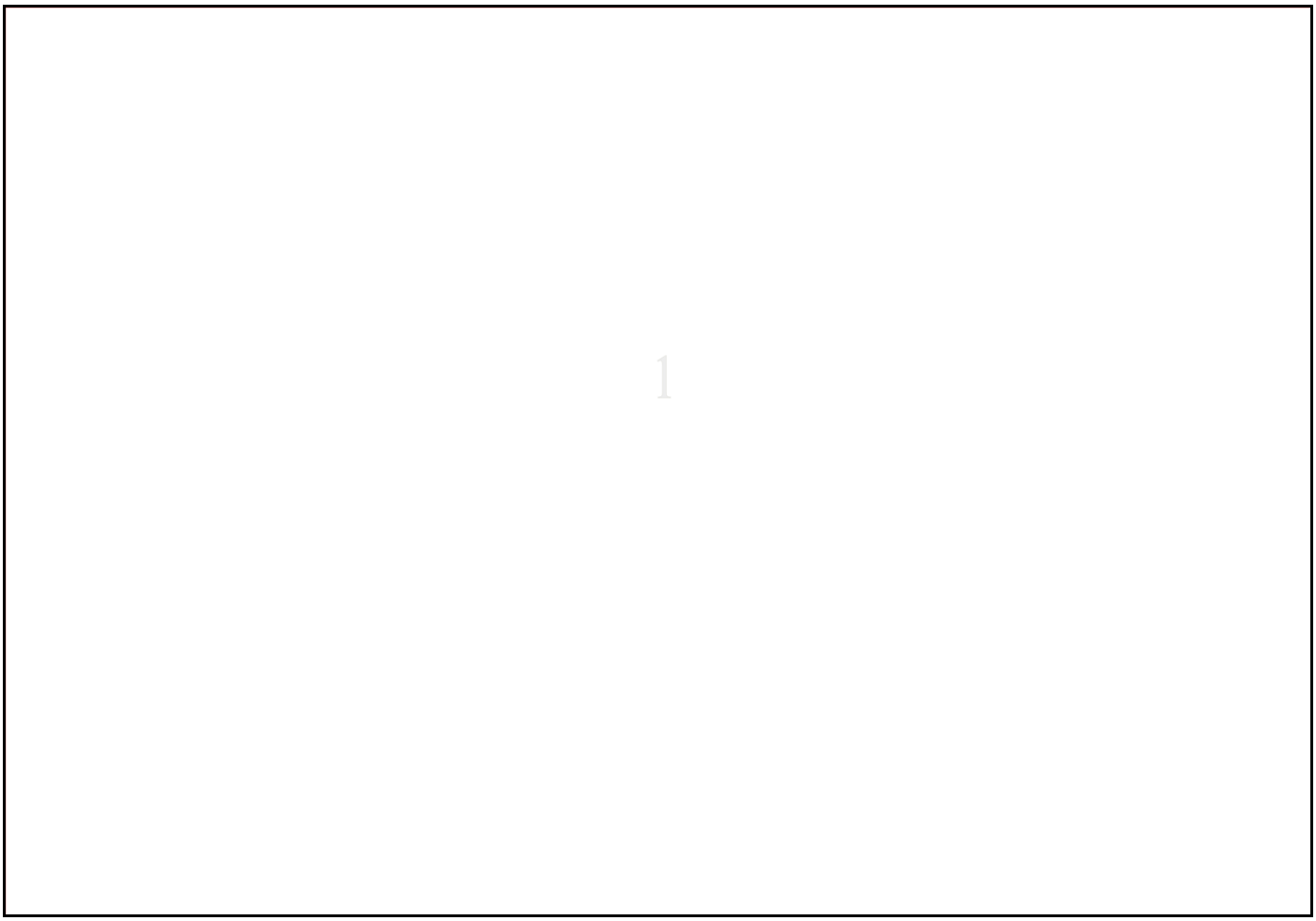
    D2 (D = Domestic & 2 = Number of Meters)

    C1 (C = Commercial & 1 = Number of Meters)
11. **Additional detail available and Must be obtained if within area of proposed works – see page 2 above.**
12. Depth of Cover (DOC) in metres.

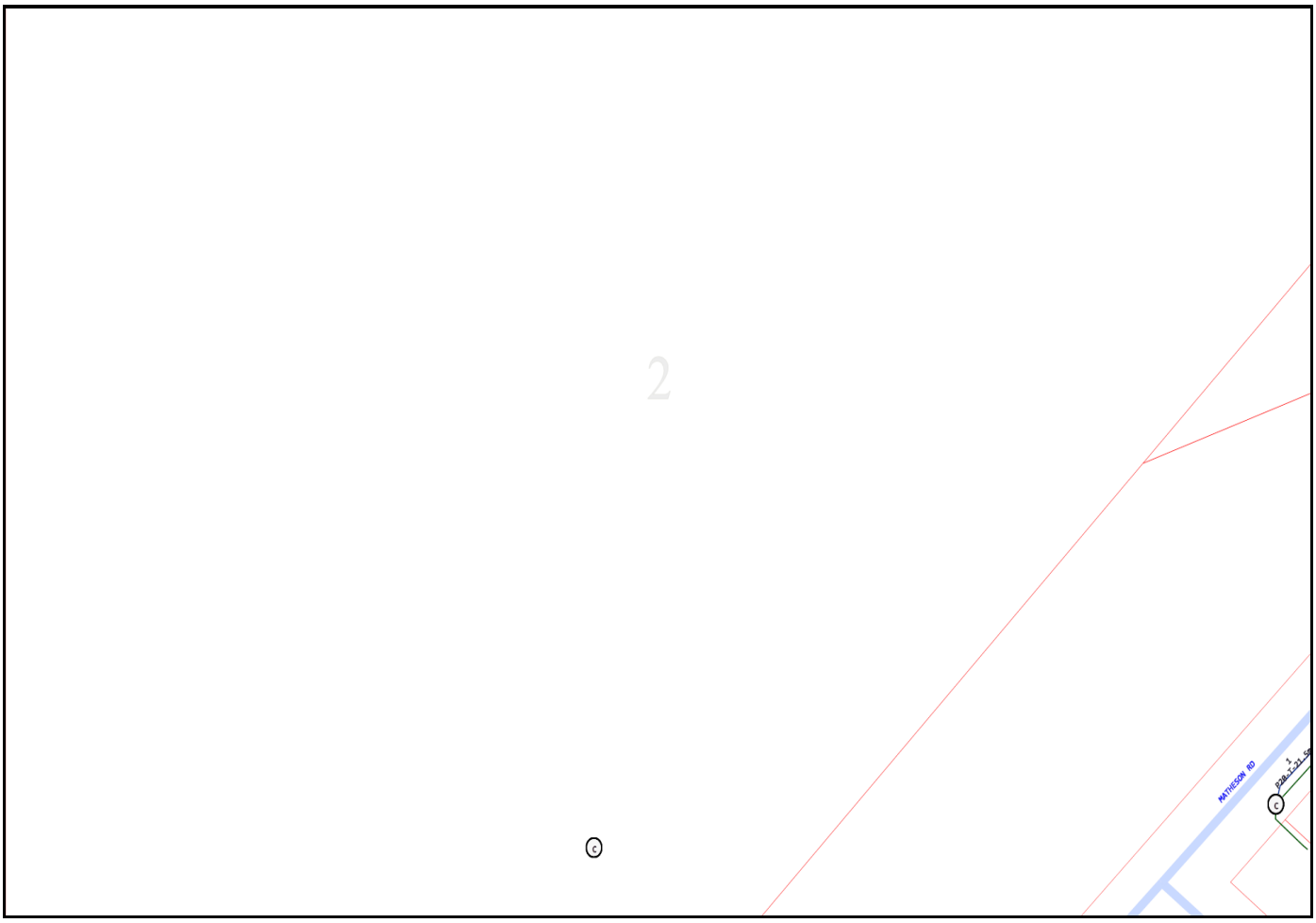


IF UNSURE, PLEASE CONTACT ATCO ON **1300 926 755**

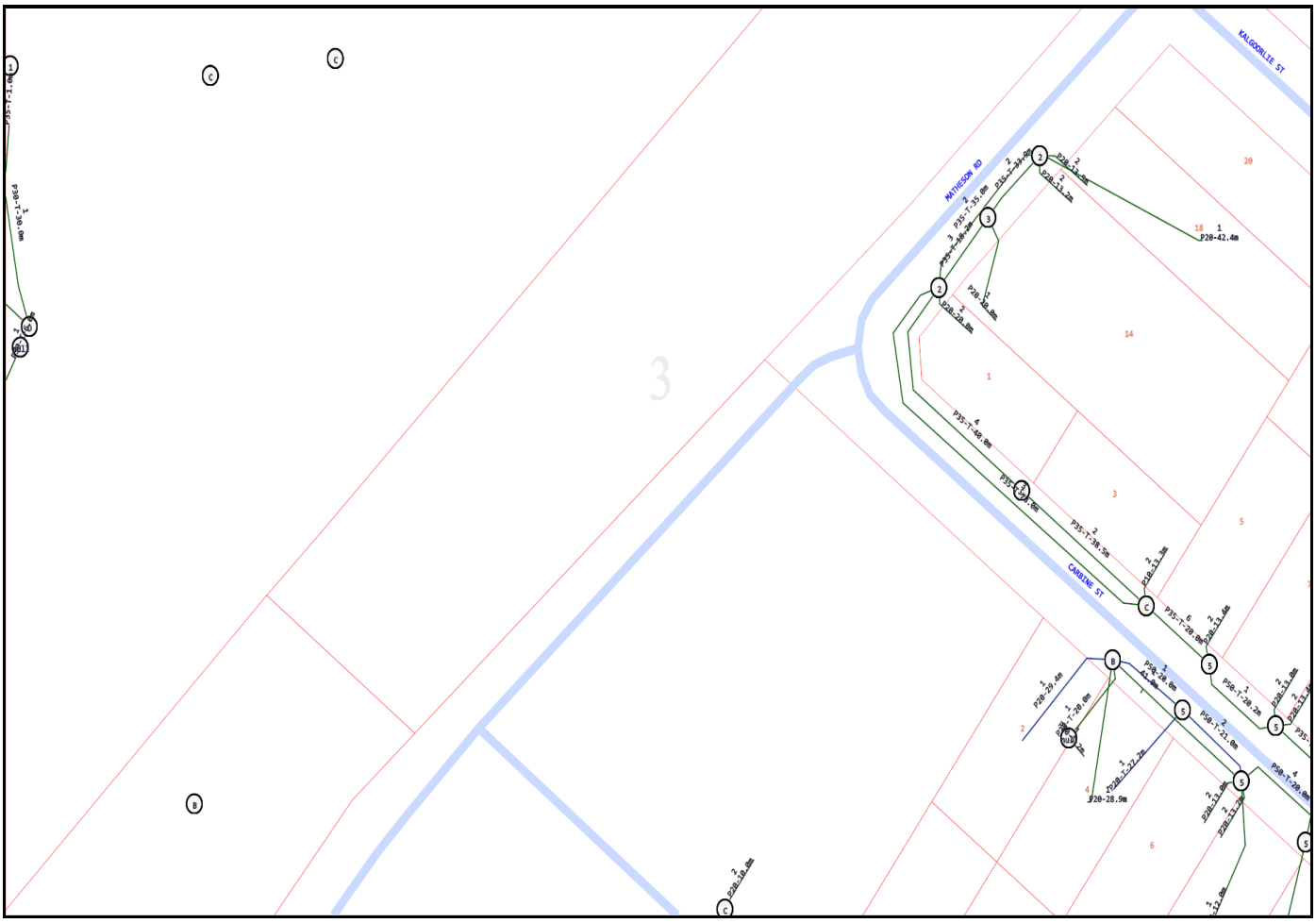
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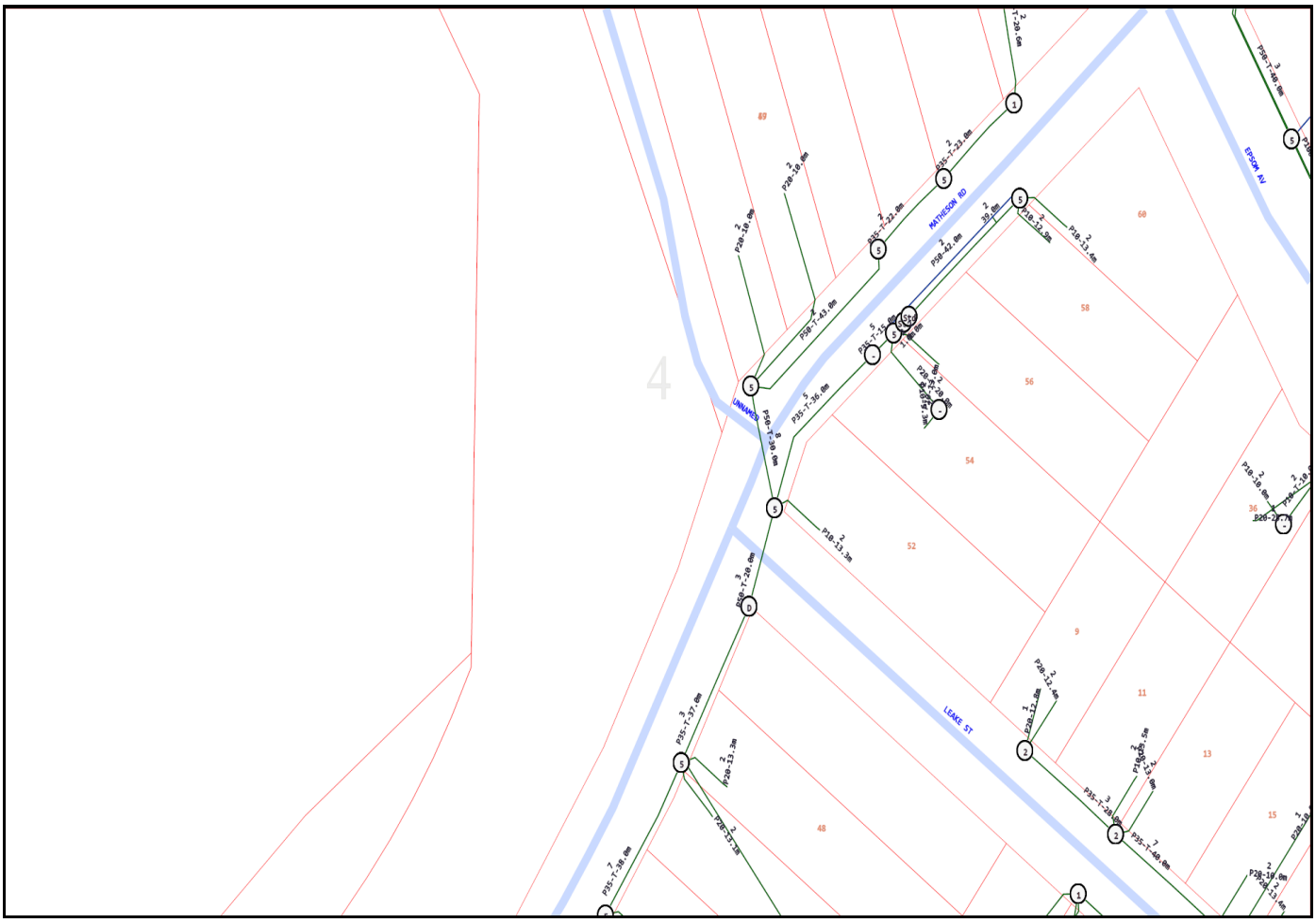
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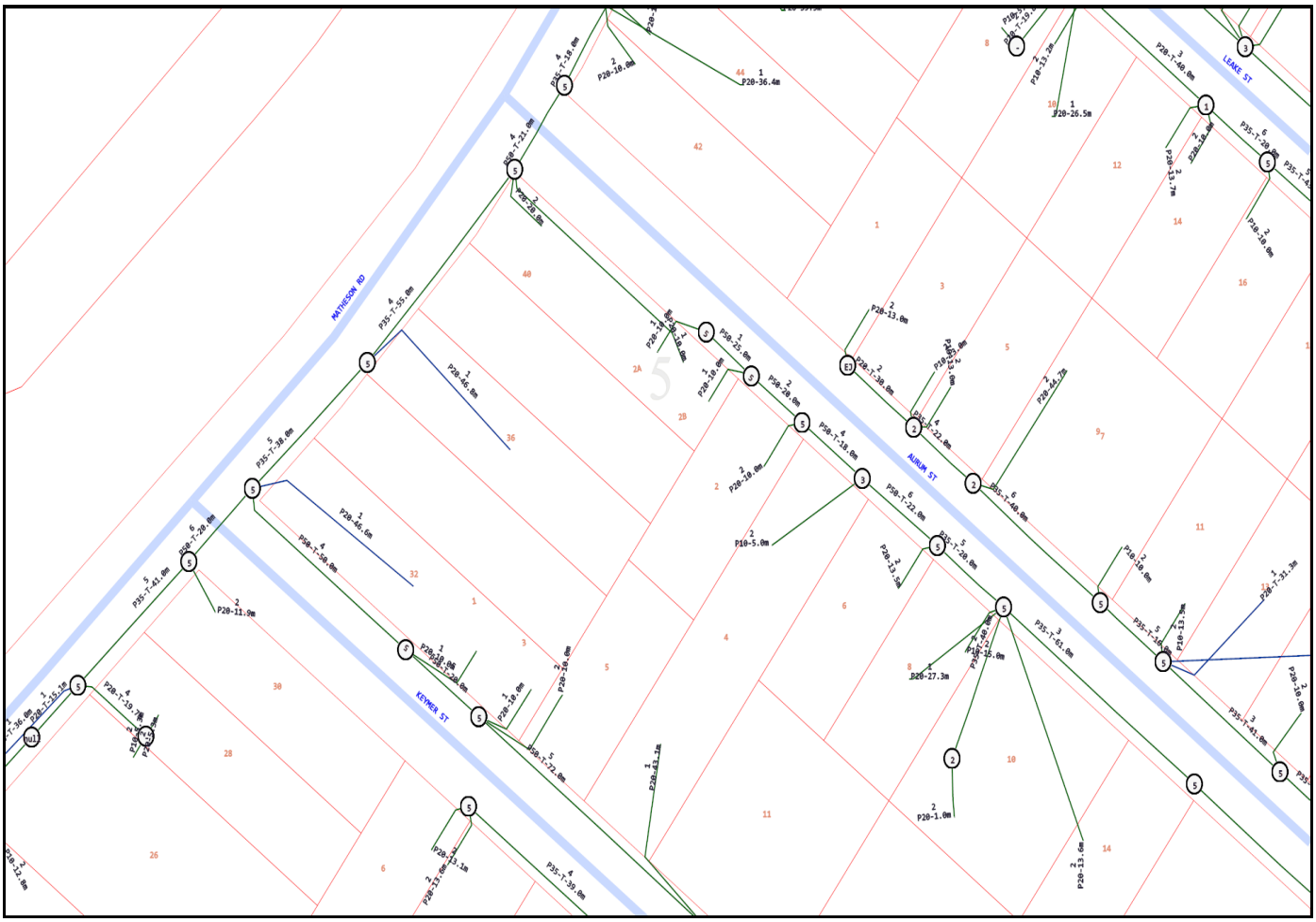
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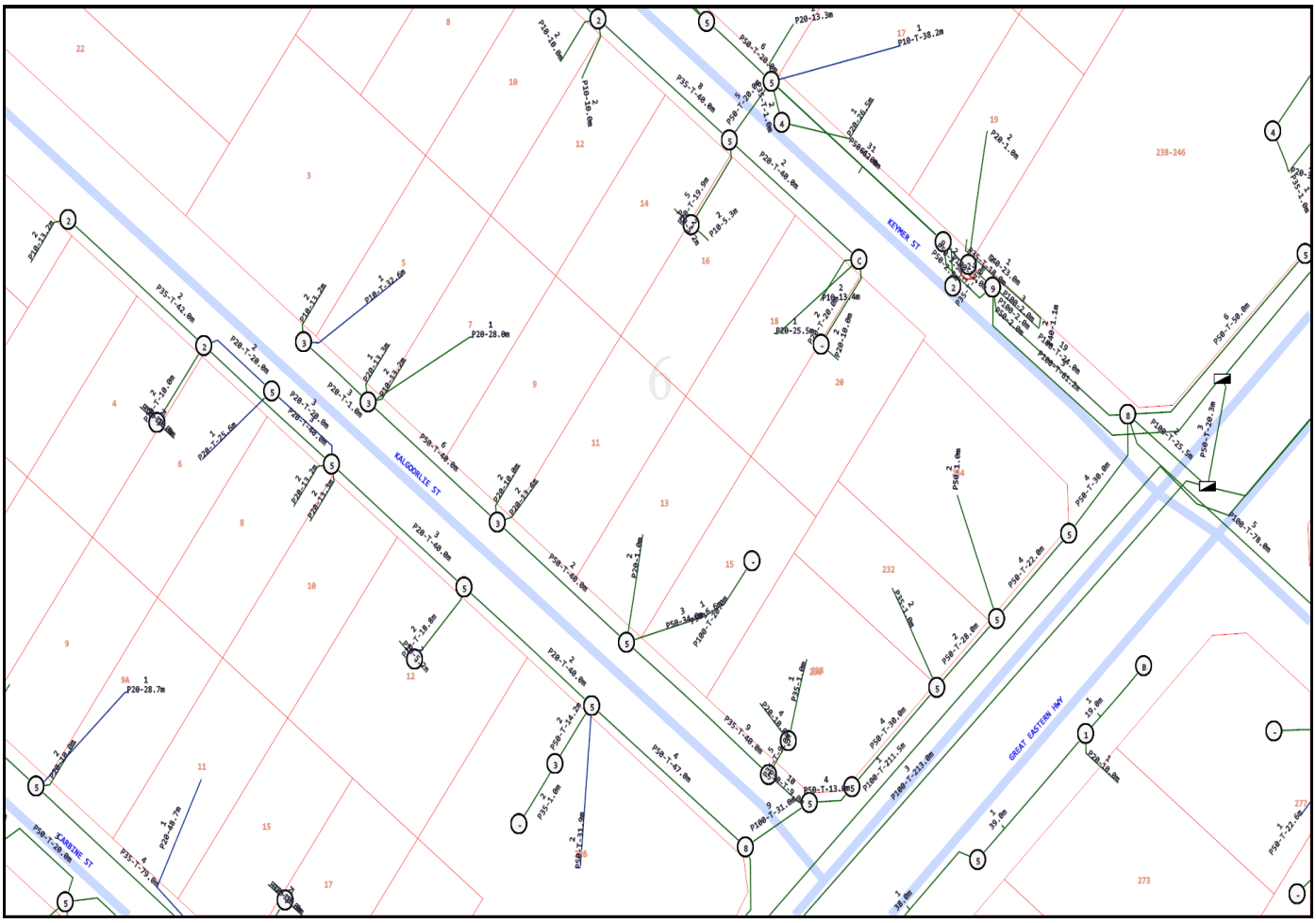
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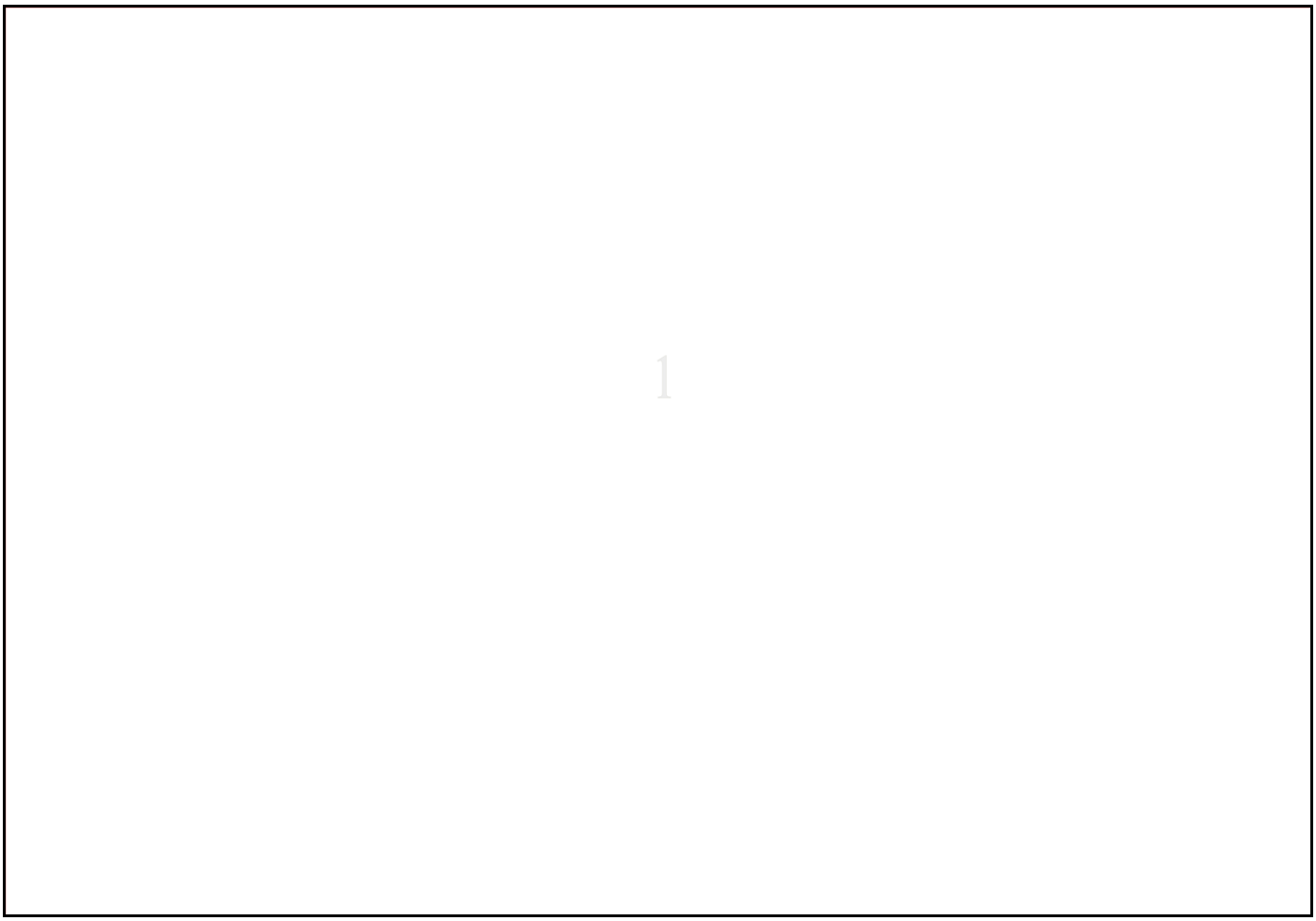


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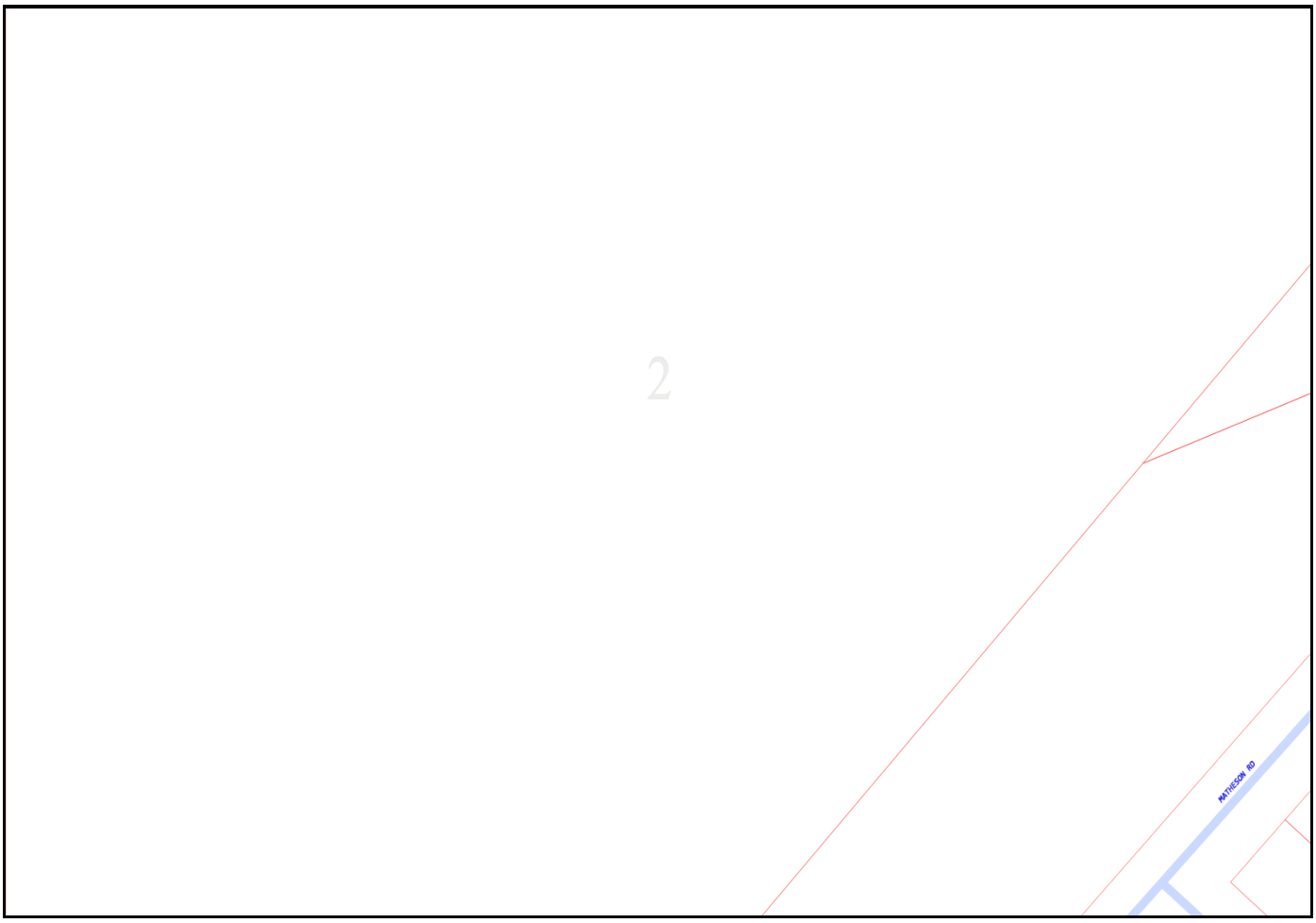


Emergency Contacts

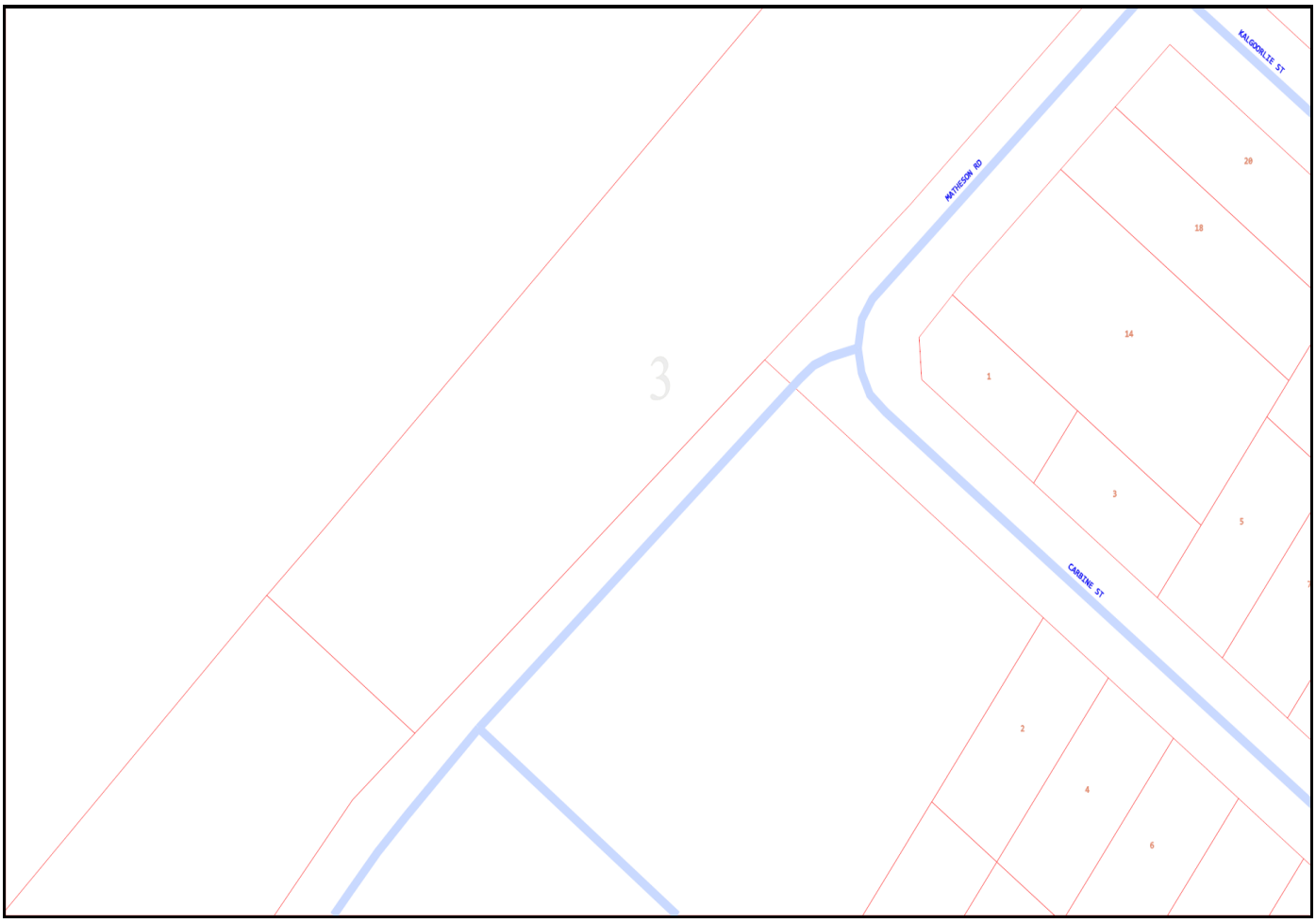
You must immediately report any damage to the **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.



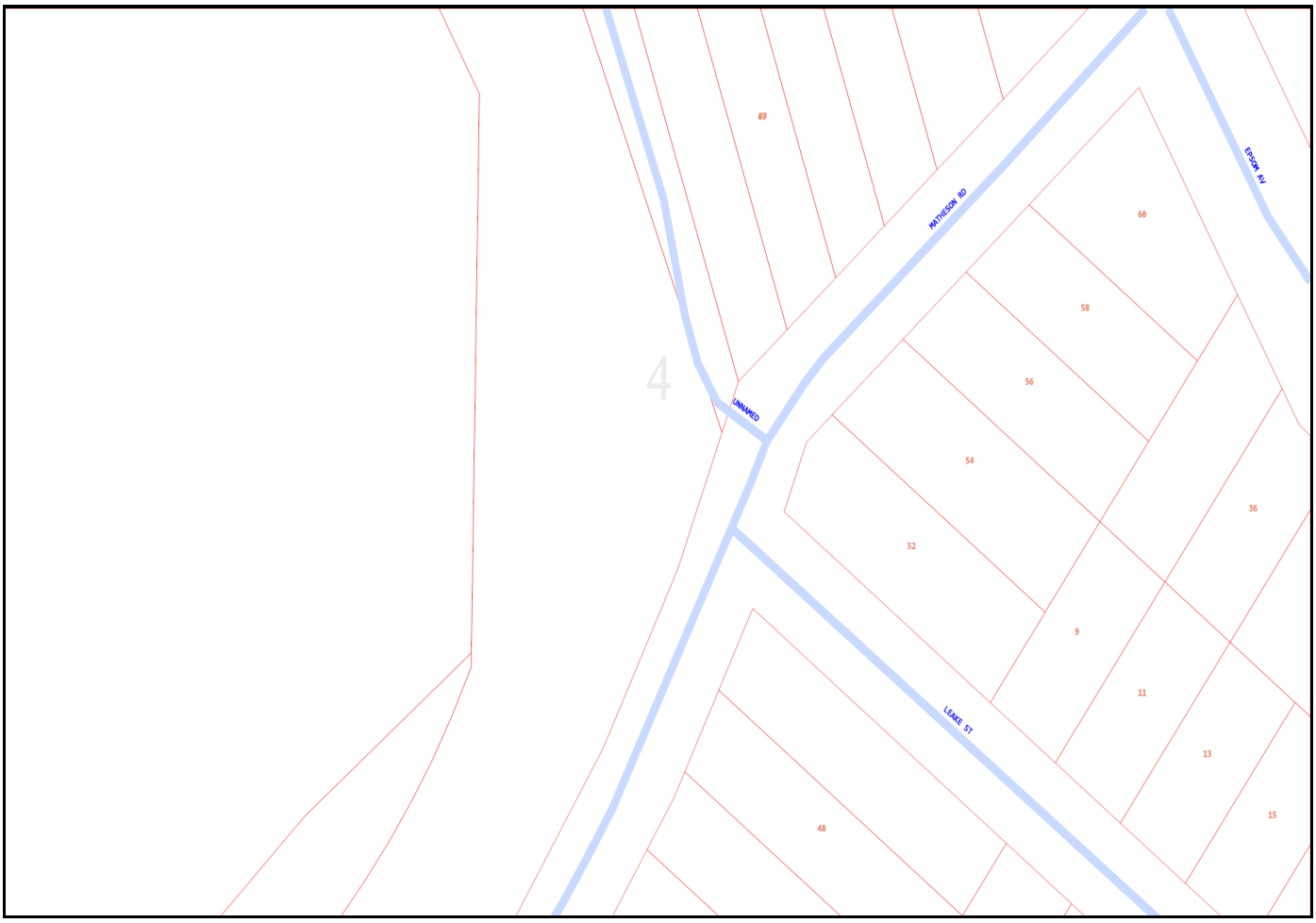
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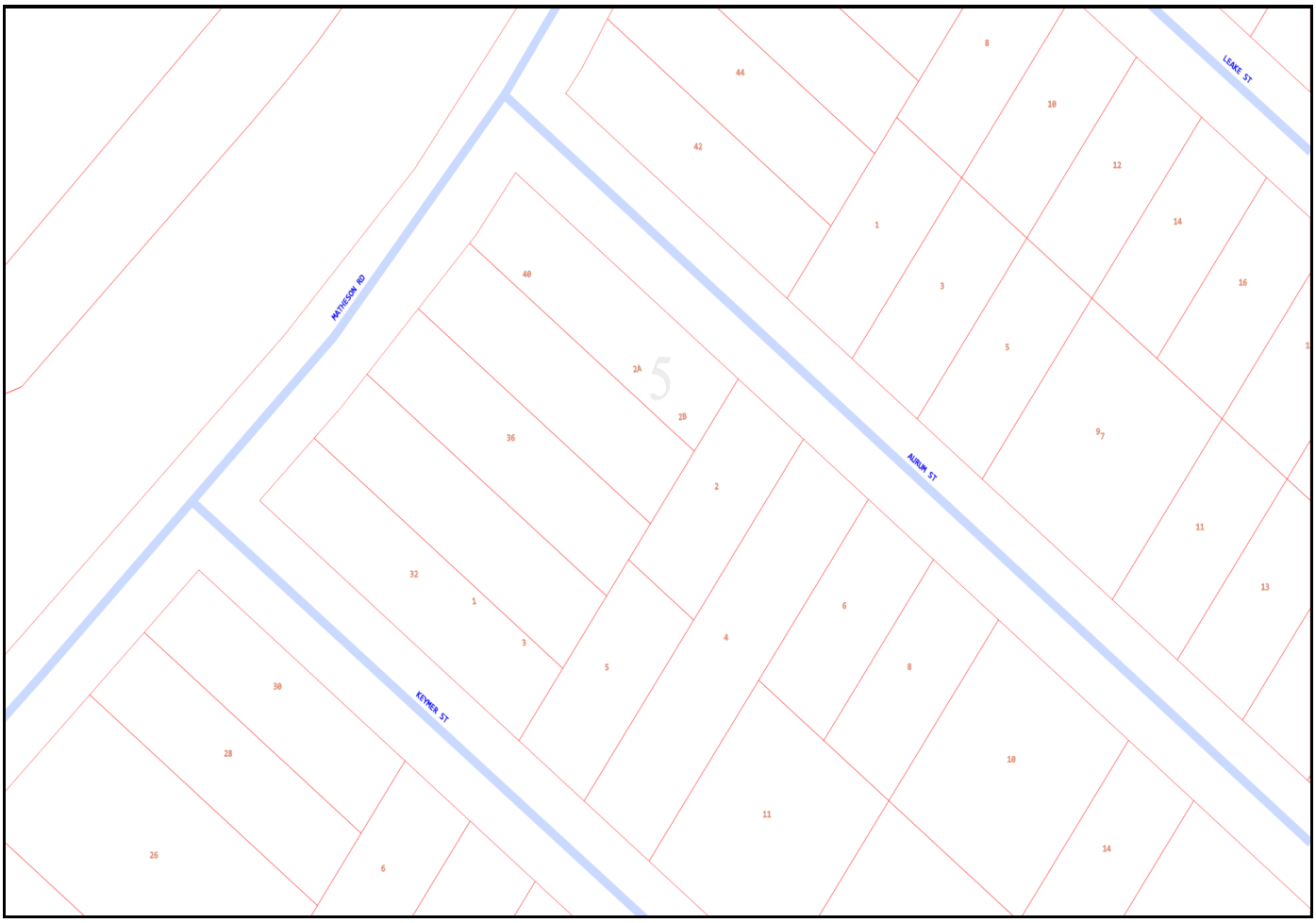
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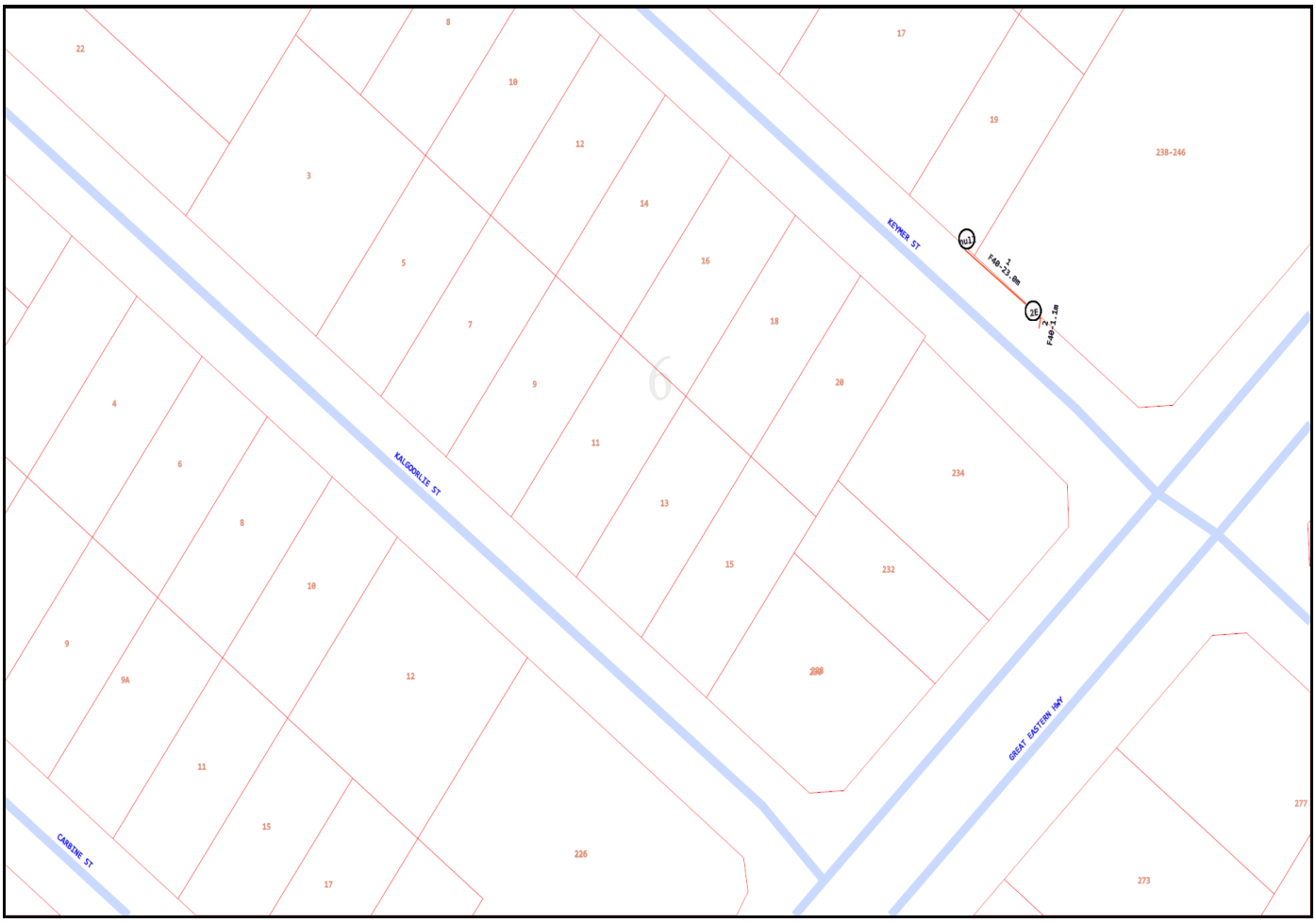
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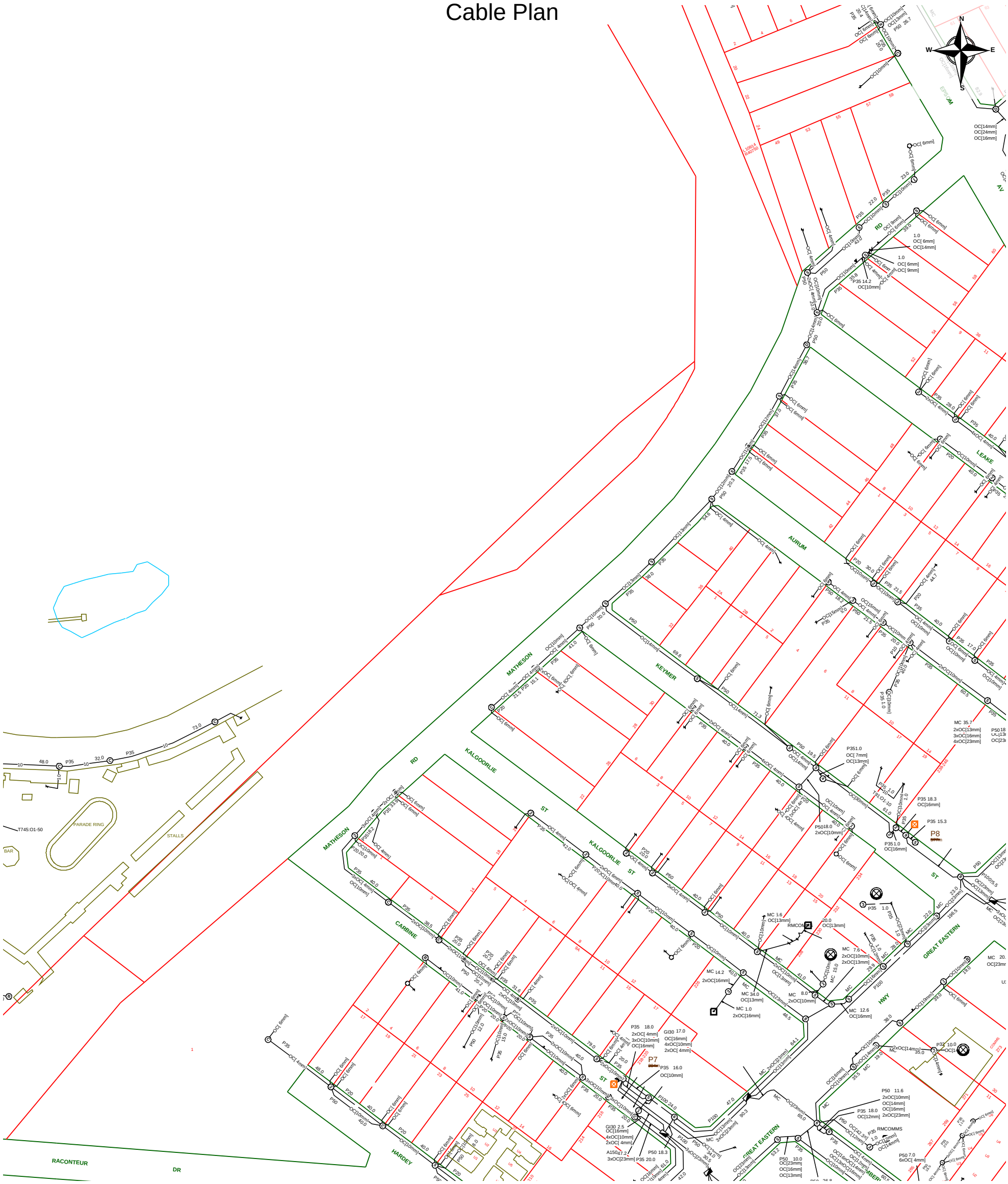
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Emergency Contacts

You must immediately report any damage to the **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.

Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment
Ph - 13 22 03
Email - Telstra.Plans@team.telstra.com
Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries

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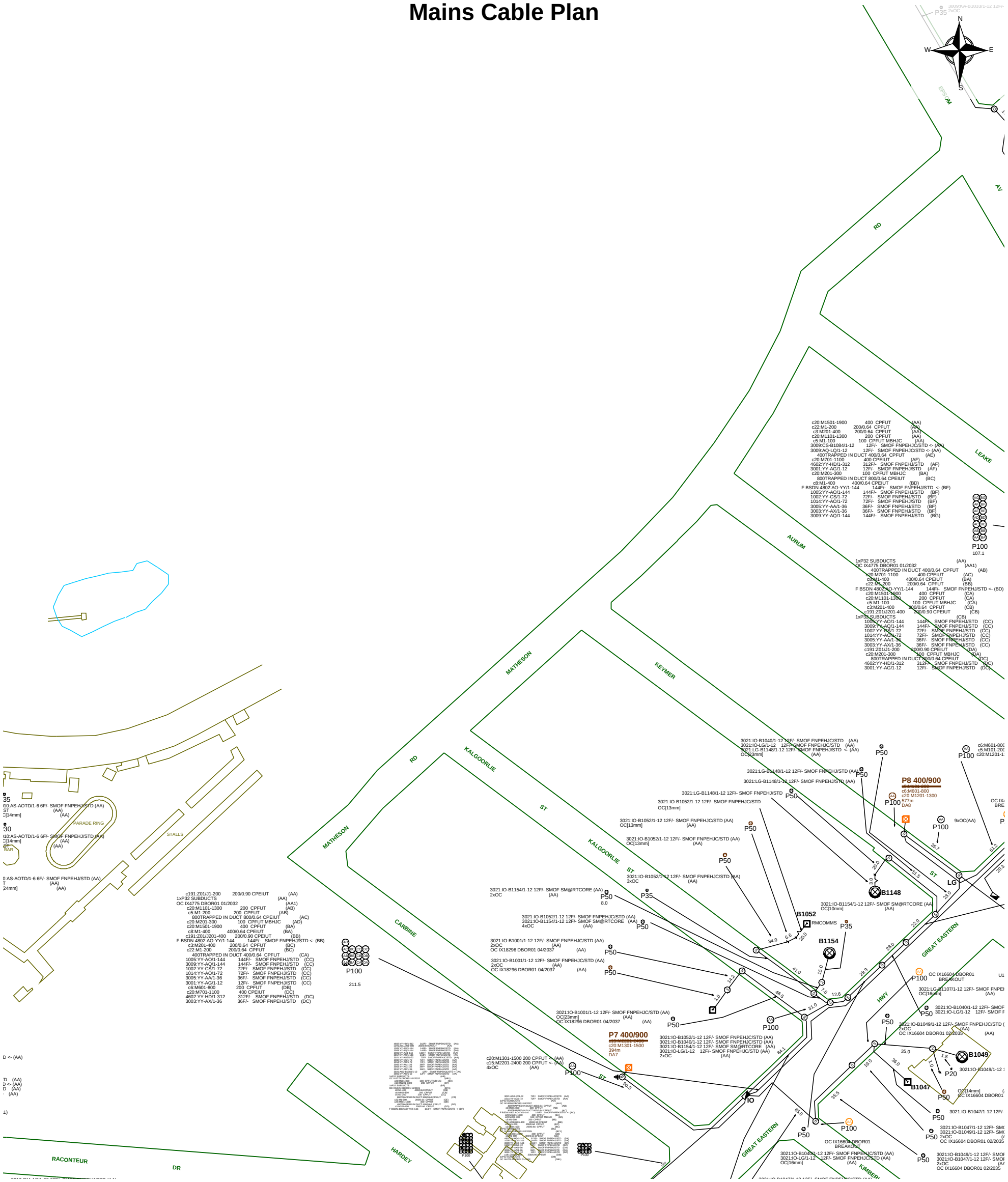
CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

WARNING
Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.
As such,Telstra supplied location information is indicative only.Spatial accuracy is not applicable to Quality Level D.
Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.
Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.
Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.
A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.

Mains Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment Ph - 13 22 03 Email - Telstra.Plans@team.telstra.com Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries	Sequence Number: 240900639
TELSTRA LIMITED A.C.N. 086 174 781	CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.
Generated On 21/06/2024 19:10:01	

WARNING

Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.
As such,Telstra supplied location information is indicative only.Spatial accuracy is not applicable to Quality Level D.
Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.
Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.
Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.
A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.



Overview

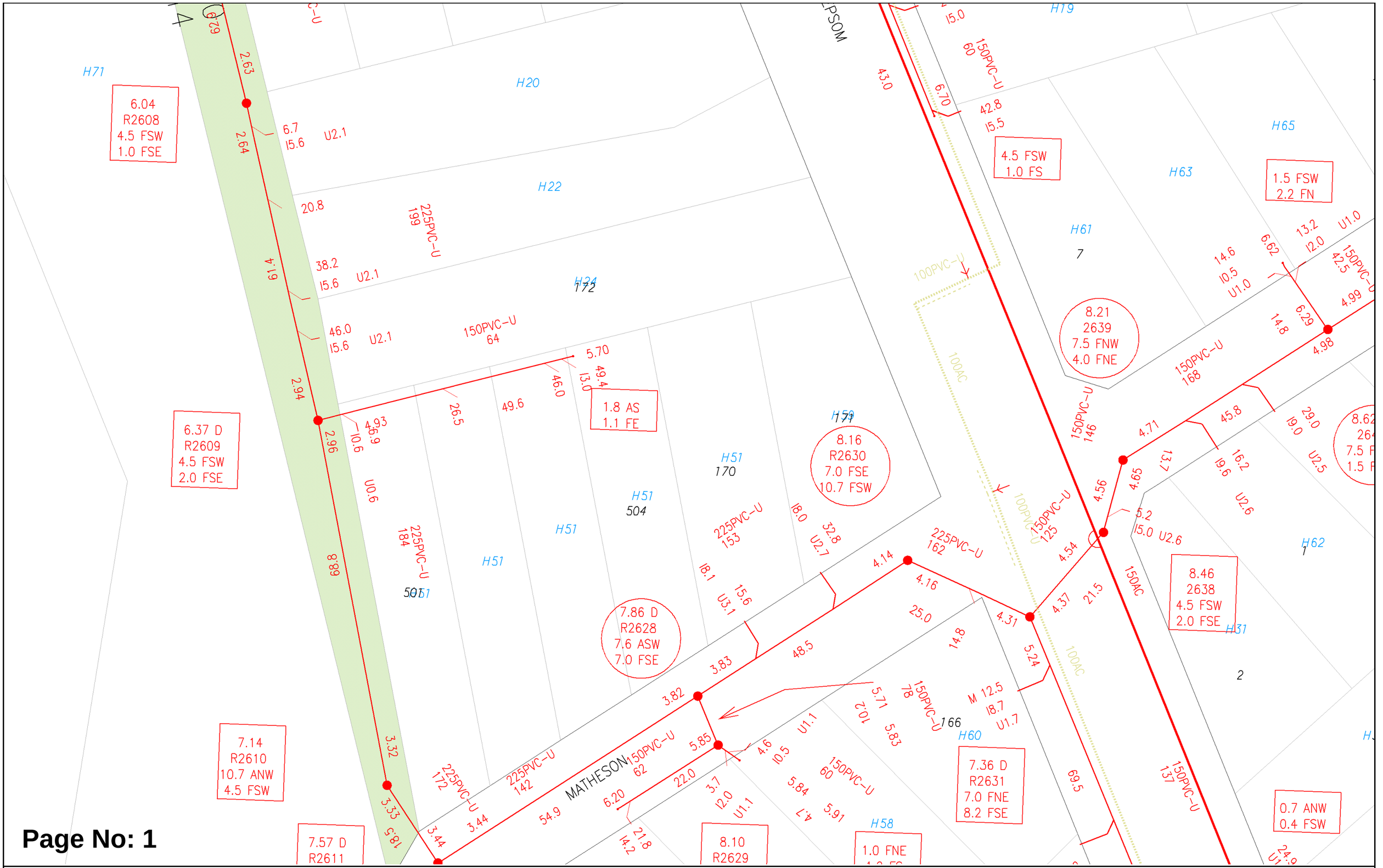
WATER CORPORATION

Scale: 1:3075
Job No.: 36962248
Sequence No.: 240900640
Print Date: 21 Jun 2024

N

Sewer

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Page No: 1

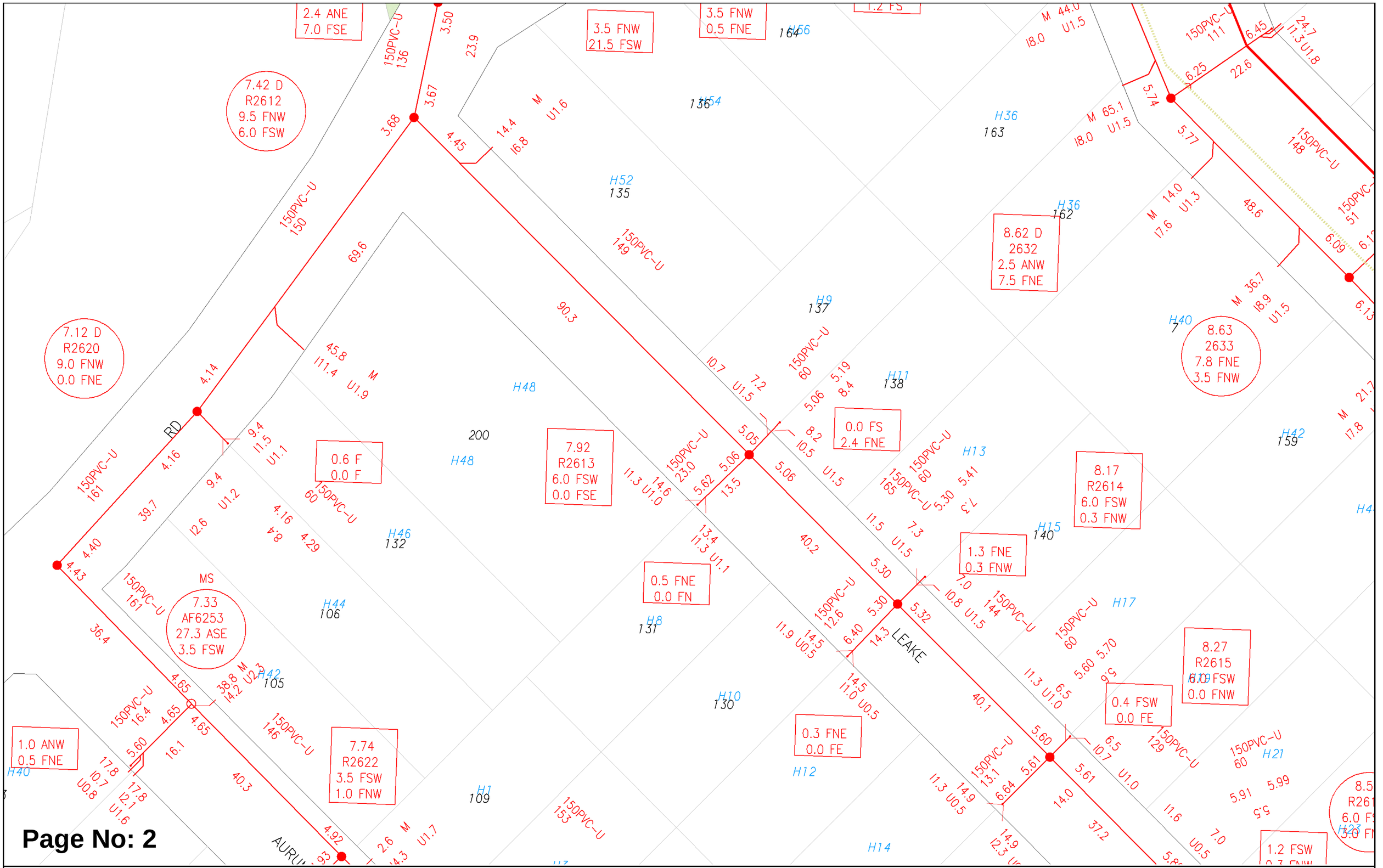
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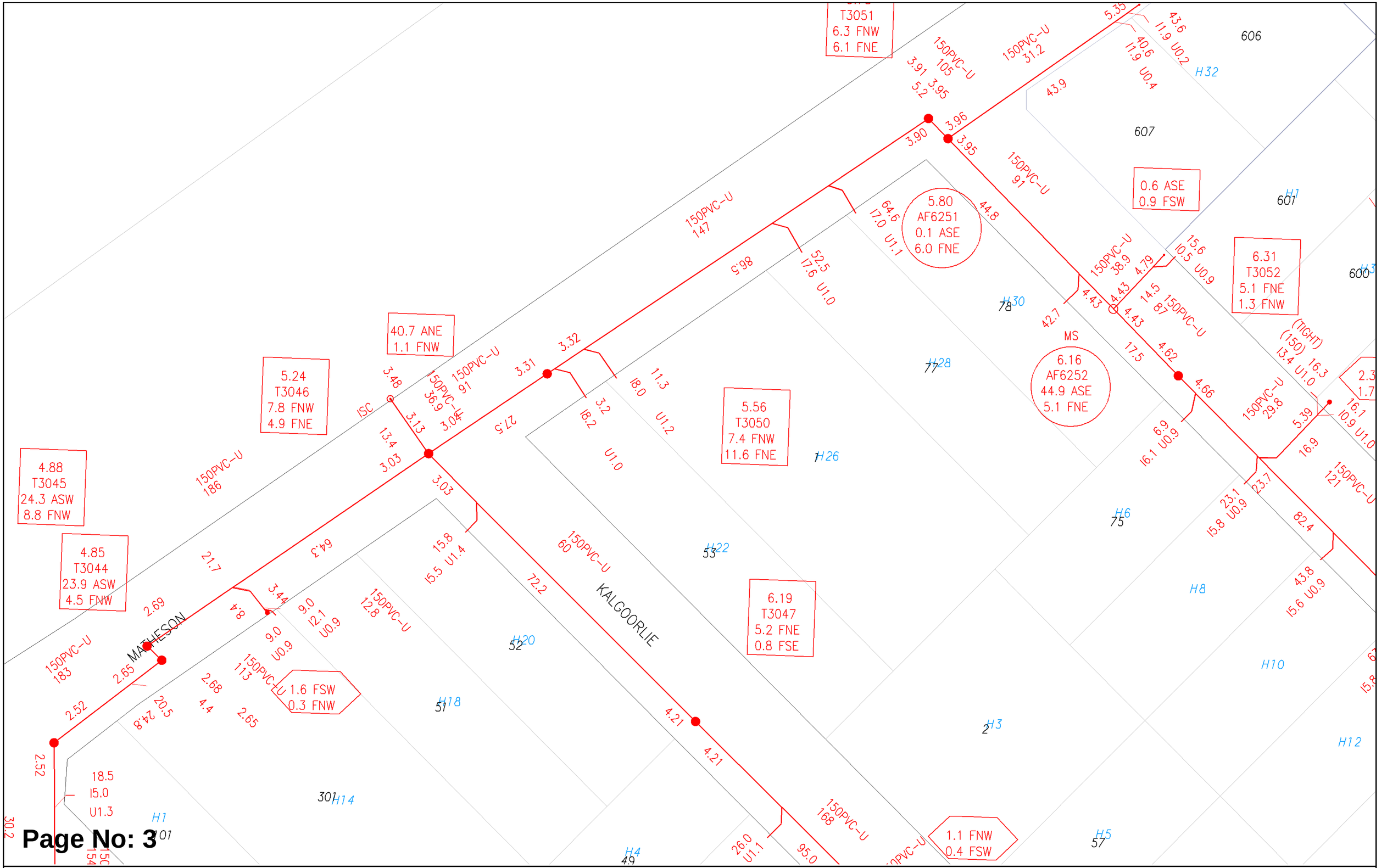
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WATER CORPORATION

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8.02
R2623
3.5 FSW
0.0 FSE

1.5 FNE
0.5 FSE

0.8 FSW
0.0 FNW

1.5 FNE
0.0 FE

2.0 FNW
0.0 FSW

8.04
R2624
3.5 FSW
18.6 FNW

8.48
R2618
6.5 FNE
0.0 FNW

0.8 FNE
0.0 FNW

7.94
R2625
3.5 FSW
2.0 FNW

1.0 FSE
0.1 FNE

5.5 FNE
0.9 FNW

7.98
R2626
2.0 FNW
5.5 FNE

7.65
T3053
5.0 FNE
0.8 FSE

ASE
FNE

0.2 FSW
21.0 FSE

1.0 FNW
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5.5 FNE
1.6 FSE

3.5 FSW
1.0 FSE

1.0 FSE

KEYMER ST

Page No: 4

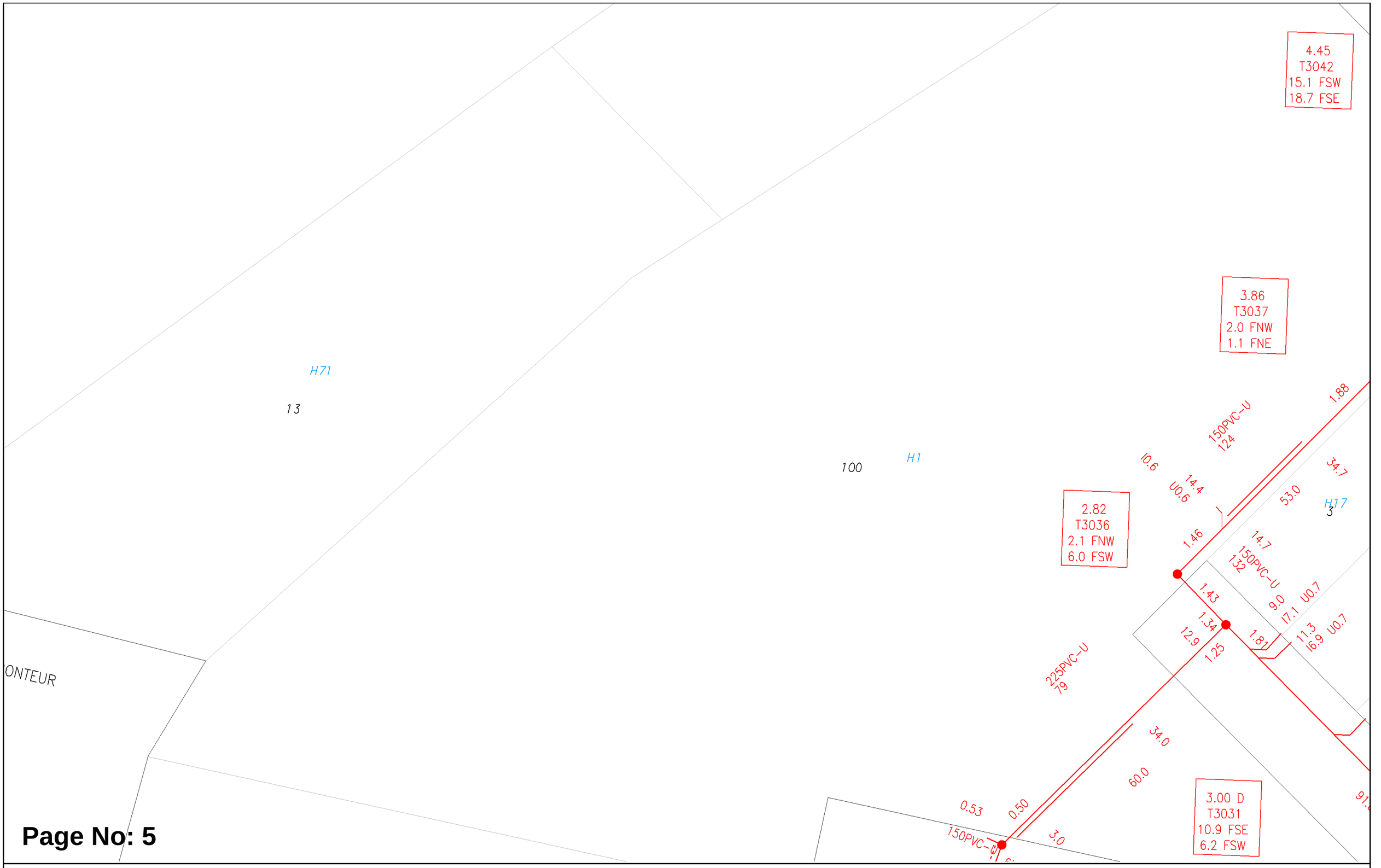
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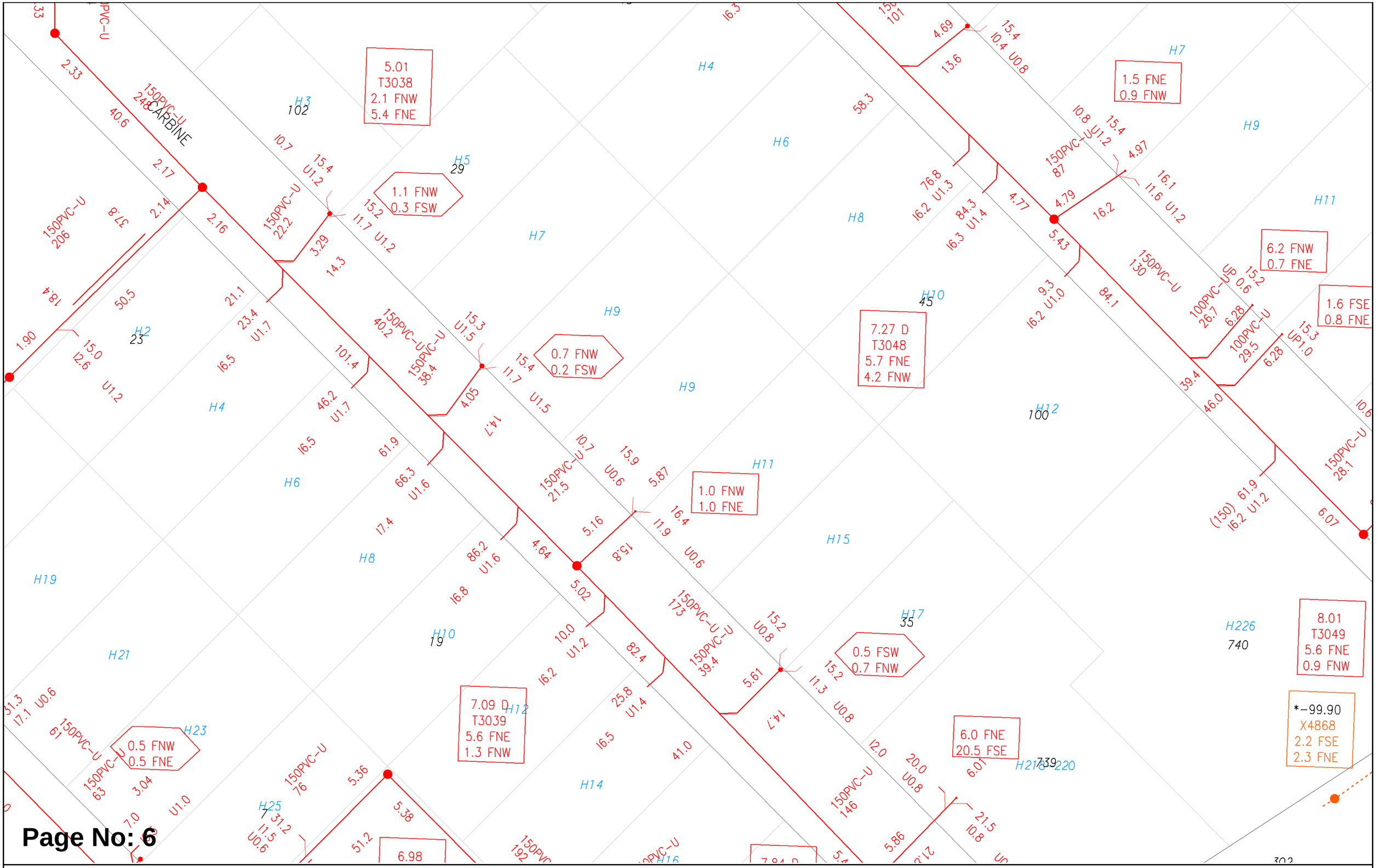
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Overview

WATER CORPORATION

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Water

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H71

H20

H22

H24
172

H19

H65

H63

H61
7

75CI

PSOM

H59
171

H51
170

H51
504

H51

H51

H51
501

100S-5

75CI

H62
1

100S-5

H31
2

100S-5

166
H60

MATHESON

H58

100CI

100CI

100P-12

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9002

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Water

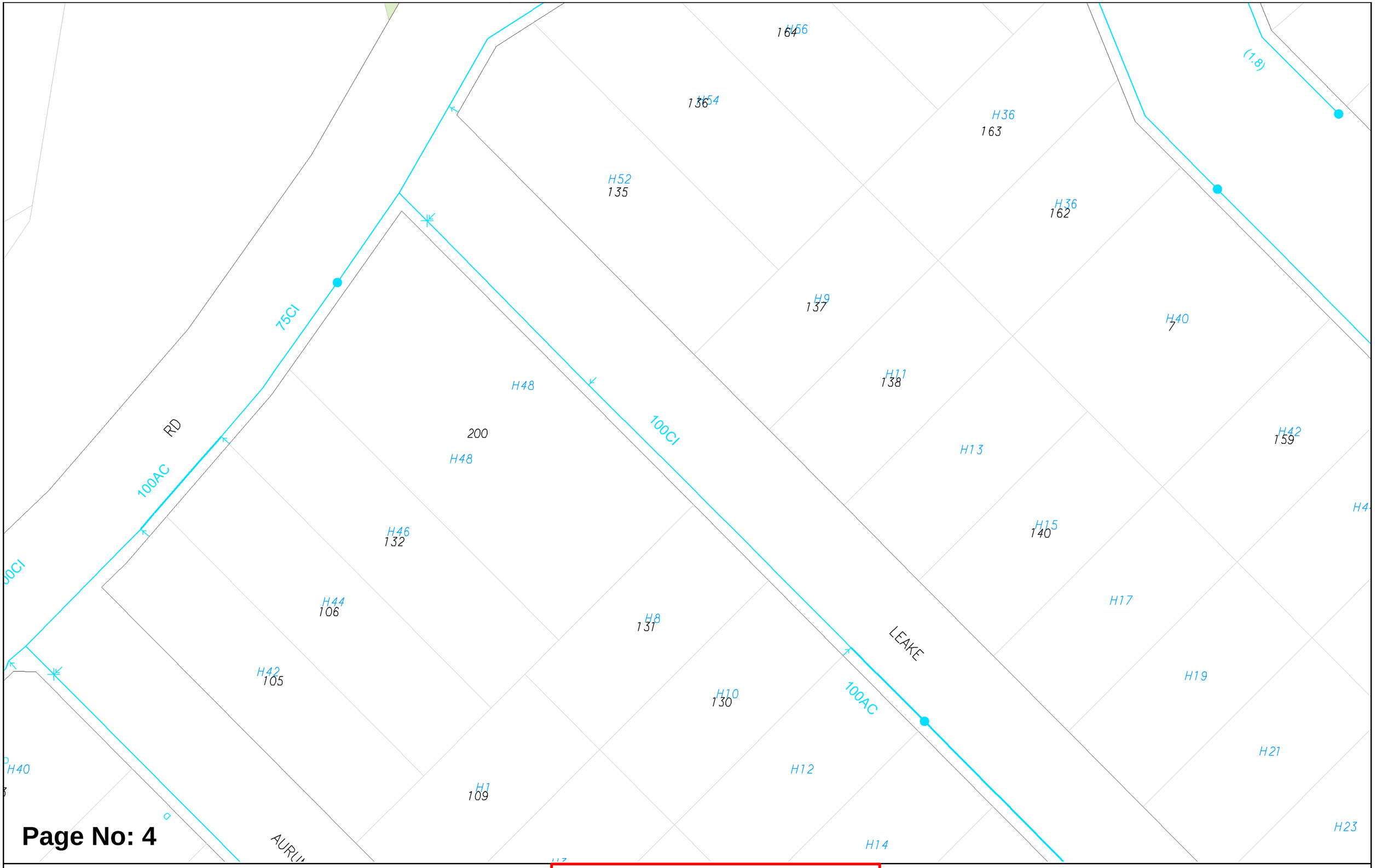
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Water

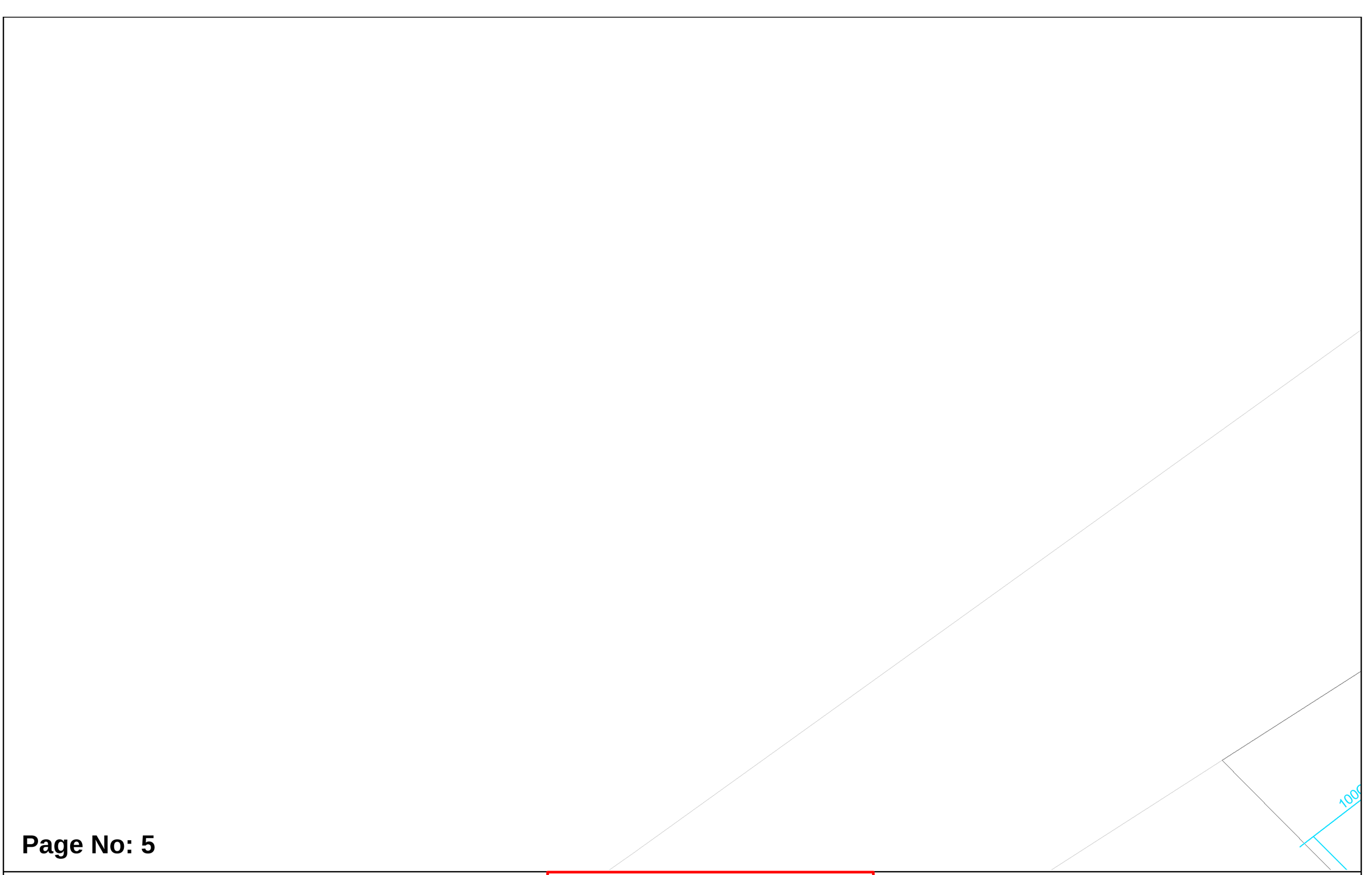
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100P-16
606
H32
607
601
H1
600
H3
D
D
H30
78
100CI
H28
77
100AC
100CI
H26
1
H6
75
H22
53
75CI
KALGOORLIE
H8
90AC
MATHESON
H20
52
H10
100CI
H18
51
H3
2
H12
301
H14
H1
301
H5
57
H4
49

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WATER CORPORATION

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604 H2
605 H2
101 H2
110 H3
111 H5
H16
126 H18
502 H9
H20
H22
114 H11
99 H6
300 H4
81 H5
98 H8
H13
H24
116 H15
500 H11
176 H10
755 H254
H250
753
95 H14
1 H17
87 H19
888
71 H14
100CI
90AC
100AC
100P-12
KEYMER
ST

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WATER CORPORATION

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Water

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H71

13

100

H1

100CI

H17

3

100CI

ONTEUR

Page No: 8

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100CI

CARBINE

90AC

75CI

125PE

H2 23

H3 102

H4

H5 29

H6

H7

H8

H9

H10 45

H11

H12 100

H15

H17 35

H19

H21

H23

H25 7

H10 19

H12

H14

H16

H7

H9

H11

H226 740

H218 220 739

302

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Water

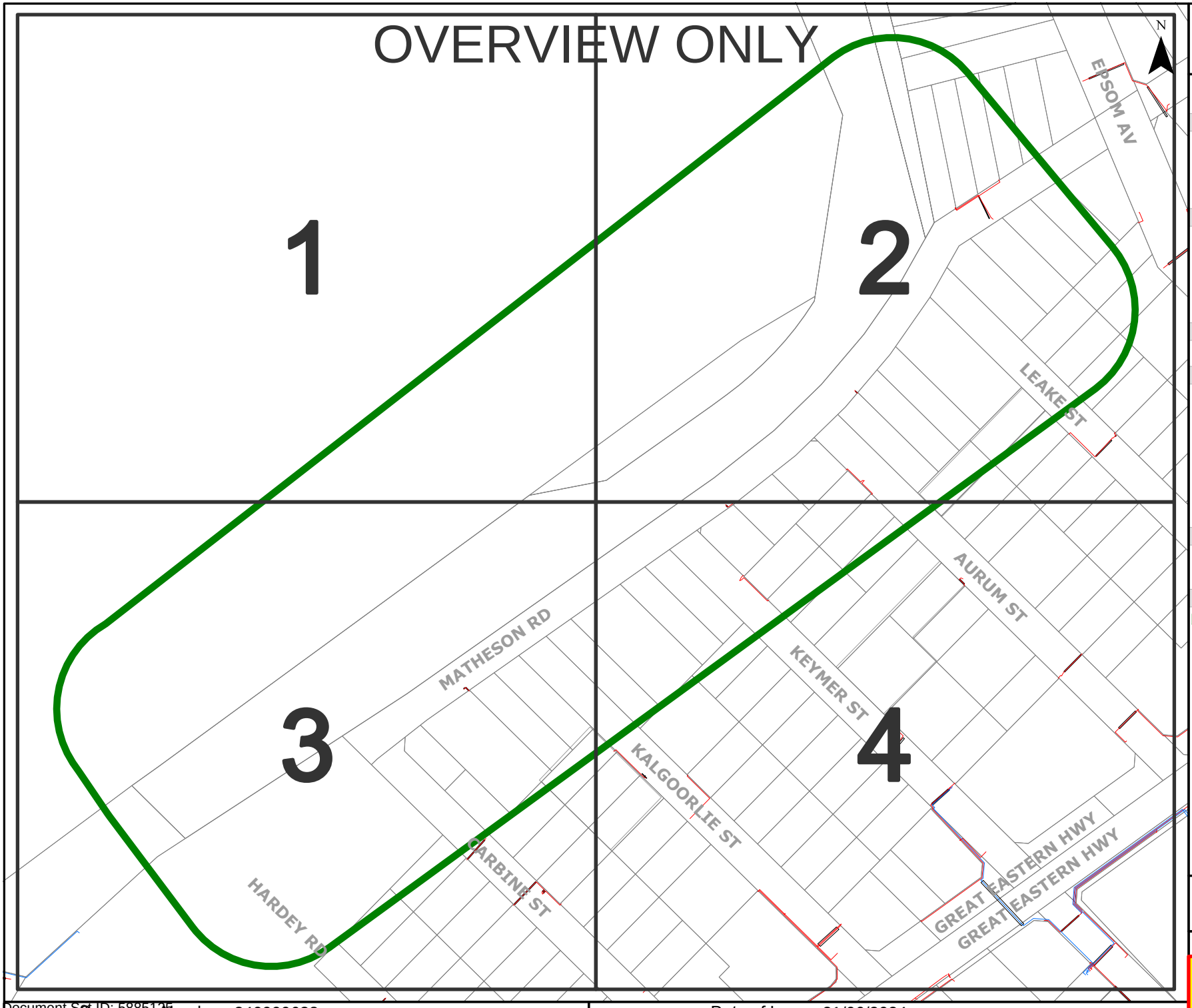
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westernpower

UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
- Street Light Circuit (< 1kV)
- Street Light Pilot (< 1kV)
- Earth Wire

Cable Pole Terminations

- HV Termination
- LV Termination

Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Hand exposure via pothole method is MANDATORY.

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Information valid for 30 days from date of issue

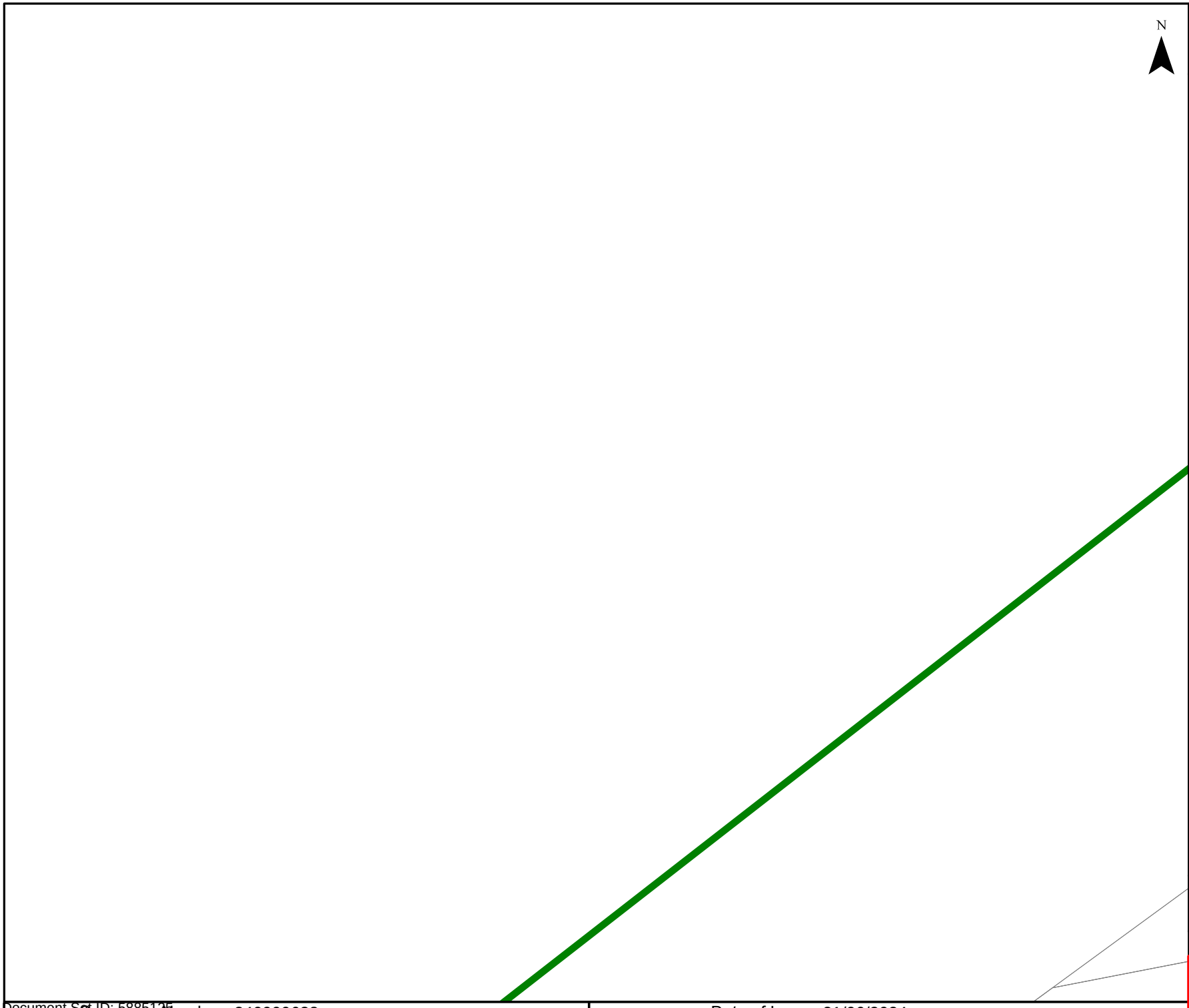
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WARNING! Look out for overhead power lines

Sequence Number: 240900638

Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

UNDERGROUND LEGEND

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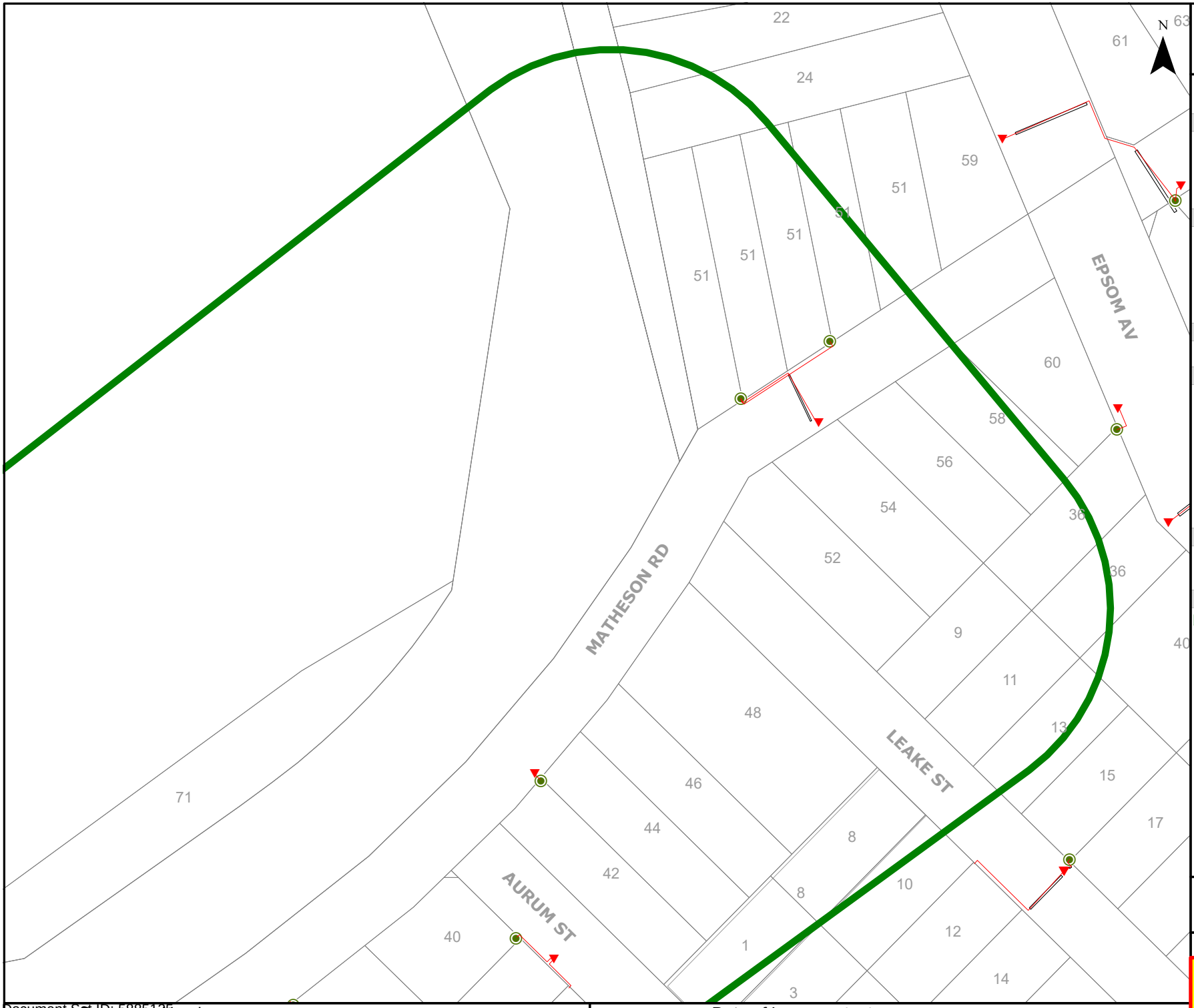
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Sequence Number: 240900638 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



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State Underground Power Project

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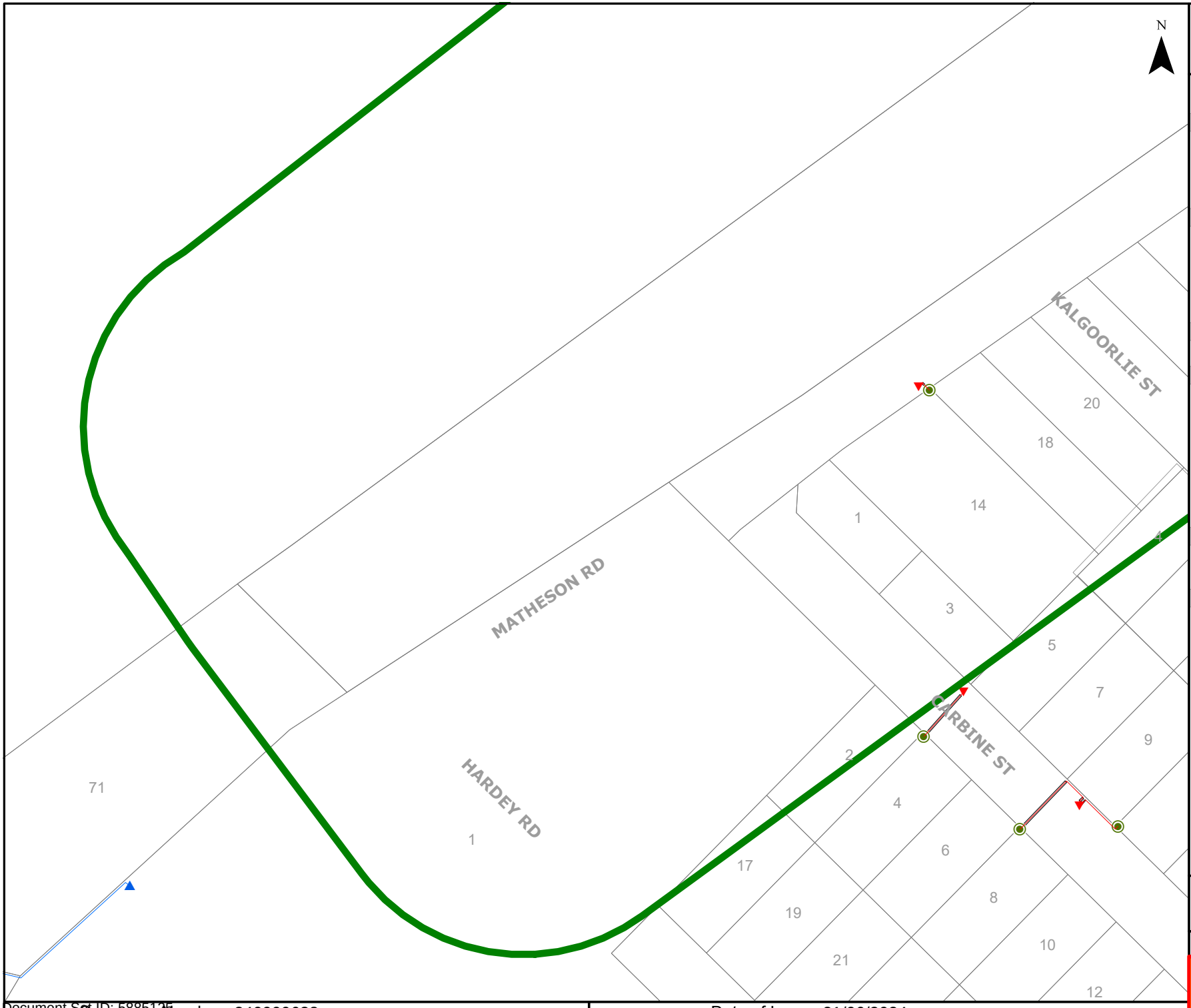
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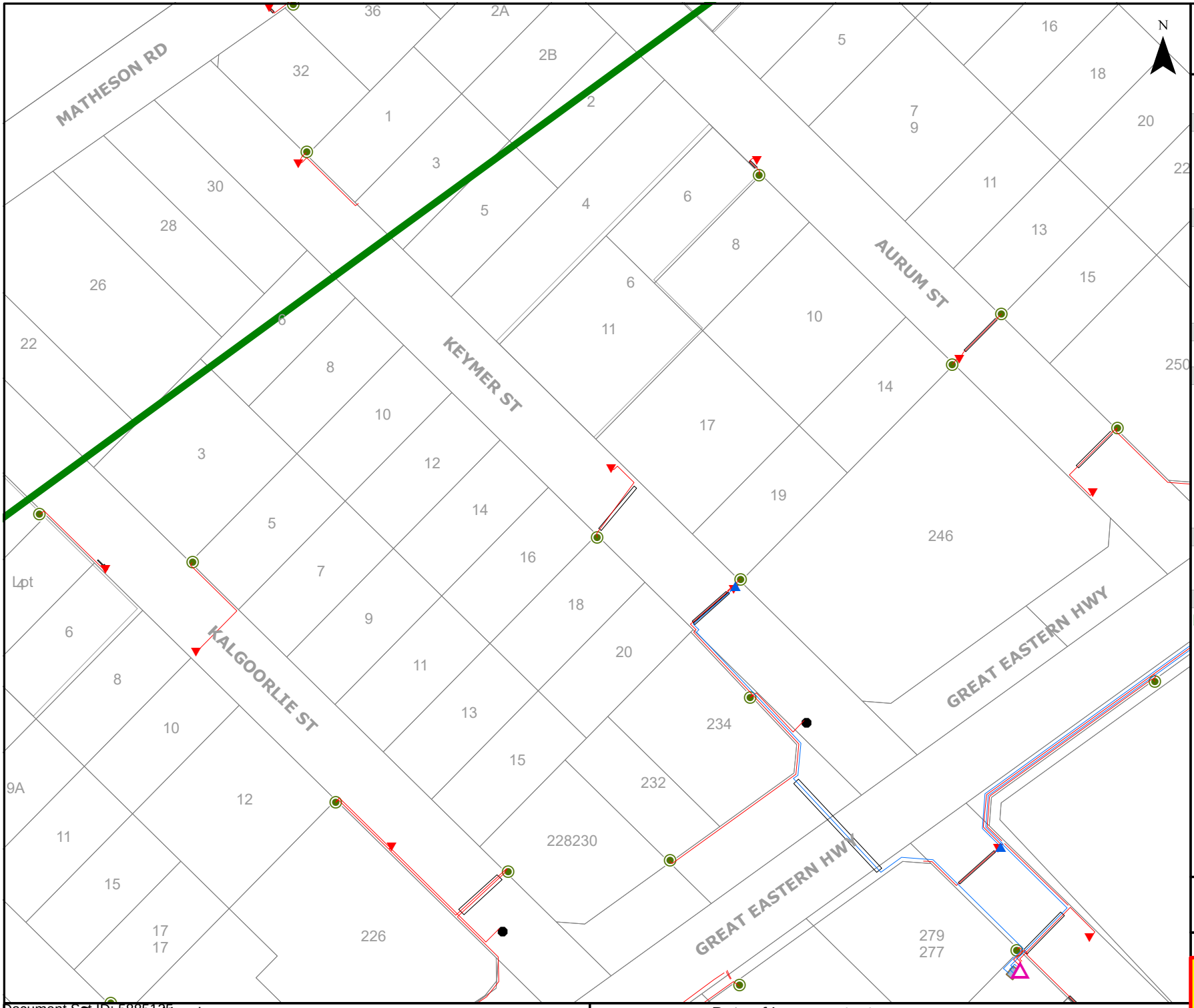
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- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Hand exposure via pothole method is MANDATORY.

Telephone Support: 1300 769 345
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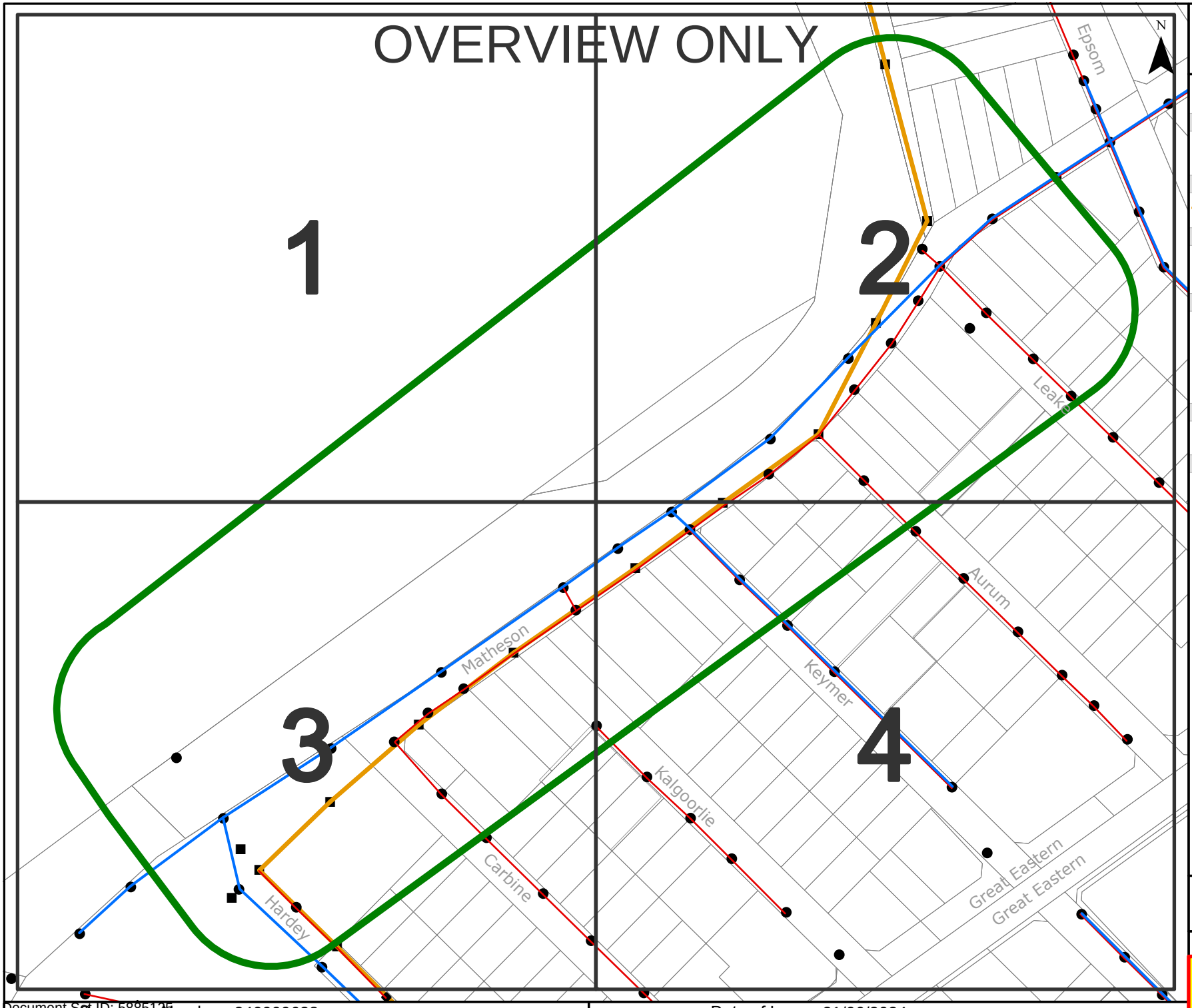
Information valid for 30 days from date of issue

A4	Scale : 1:1500

WARNING! Look out for overhead power lines

Sequence Number: 240900638 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

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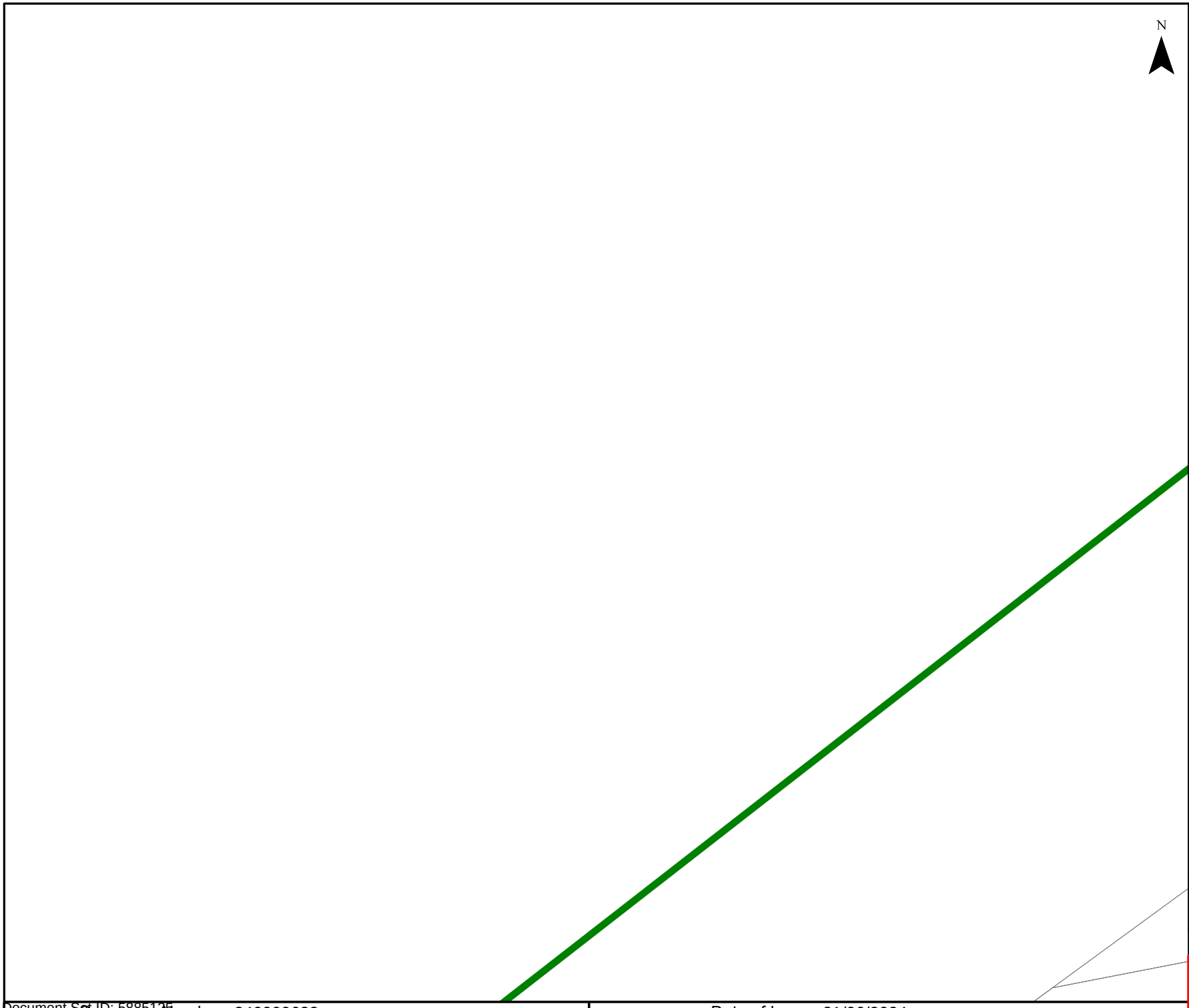
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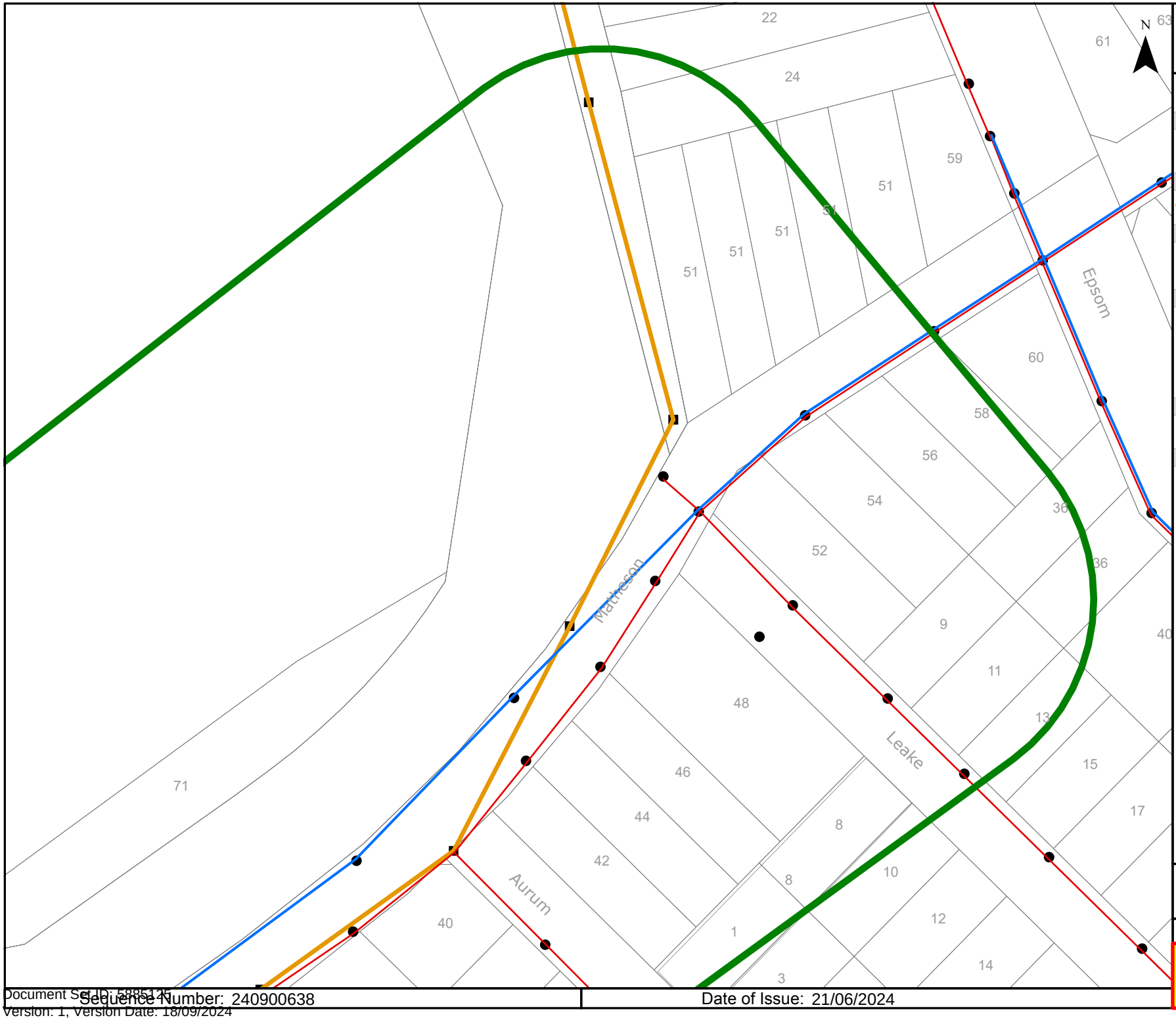
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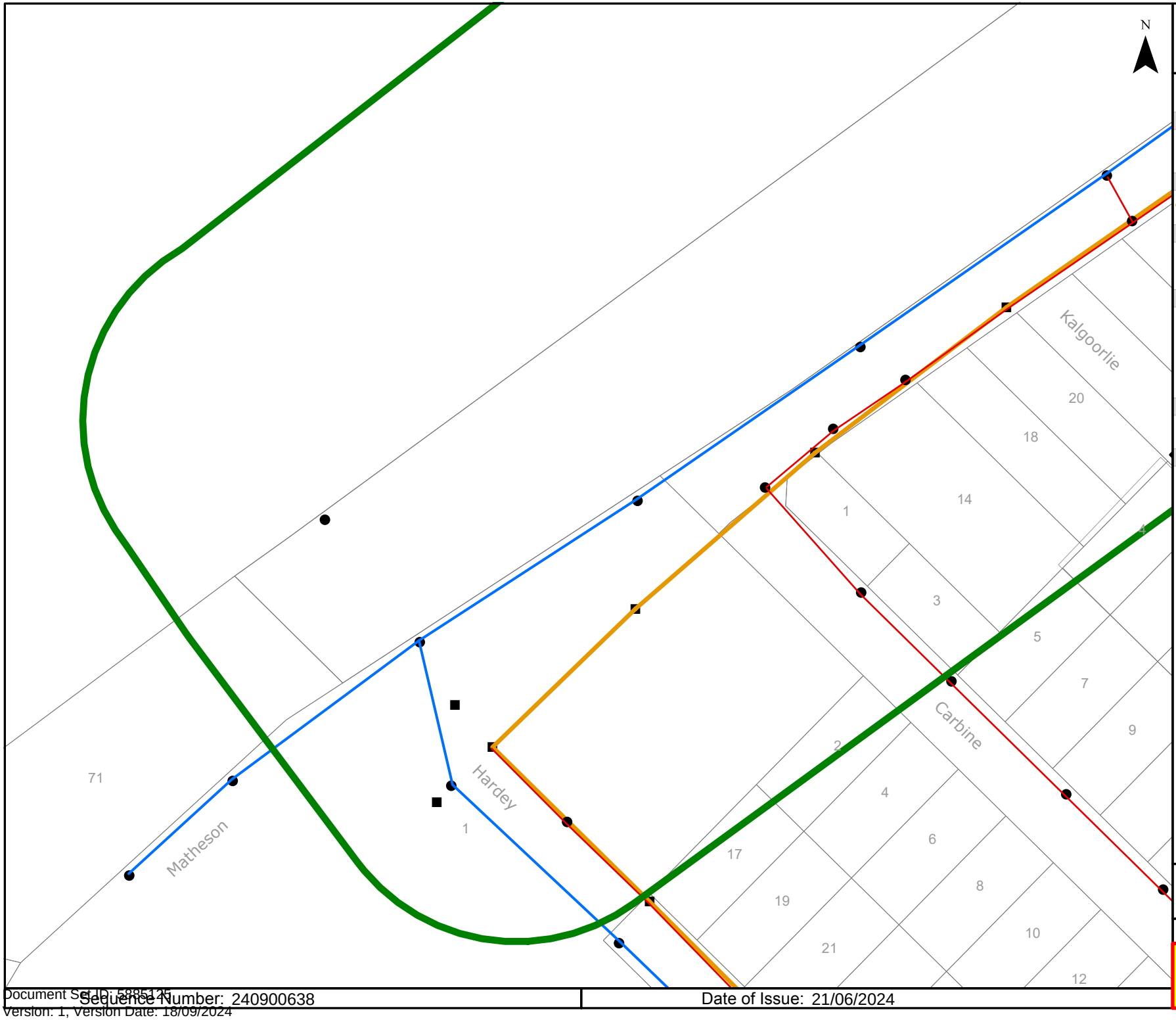
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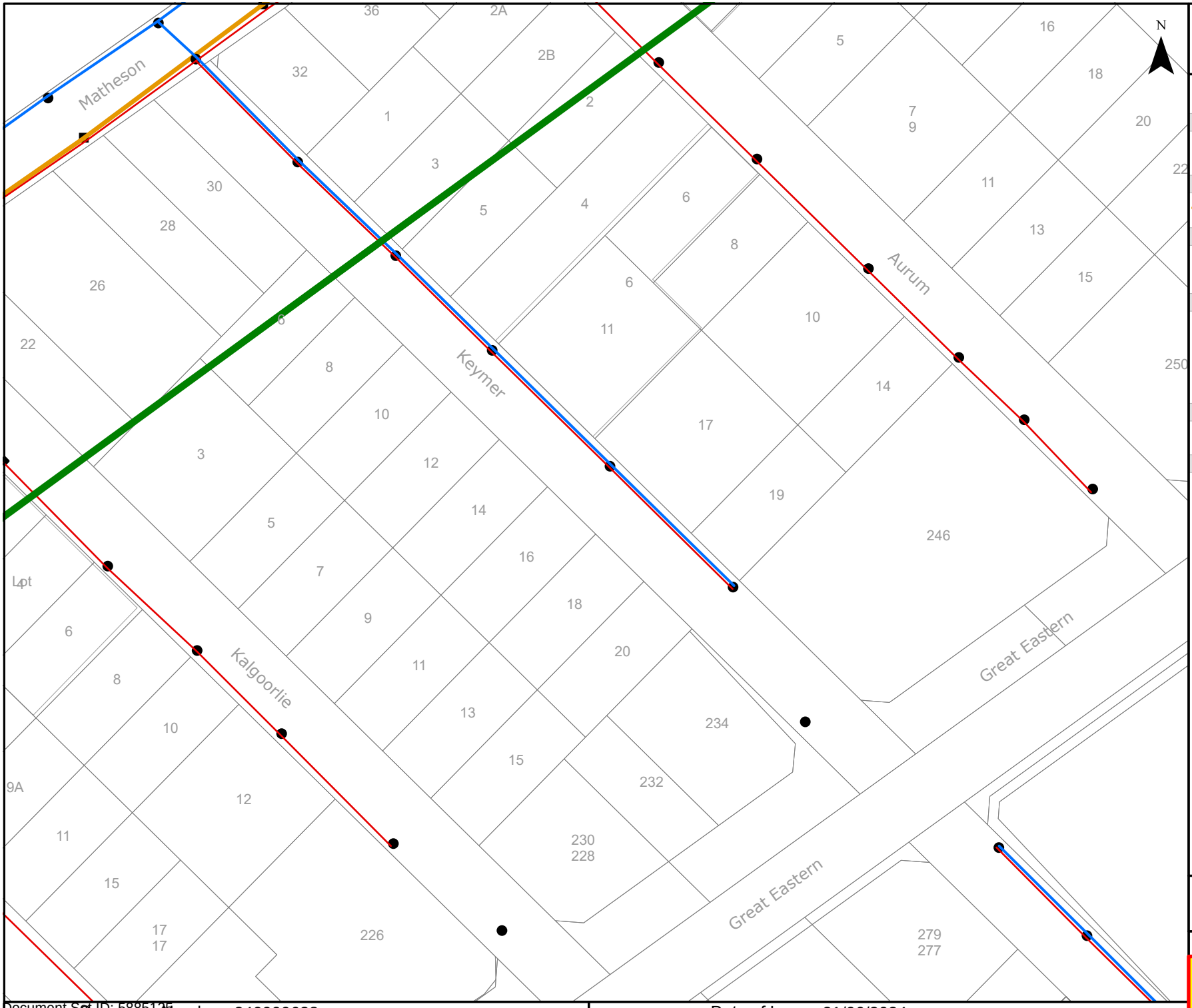
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Sequence Number: 240900638 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

Job No 36968397

byda.com.au

Contact Details

Contact	Contact number	Company	Enquirer ID
Justin Zielinski	0420 304 451	-	3140642

Email
jzielinski@tabec.com.au

Address
54 Havelock Street
West Perth WA 6005

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

Enquiry date	Start date	End date	On behalf of	Job purpose	Locations	Onsite activities
24/06/2024	25/06/2024	25/06/2024	Private	Design	Both Road	Planning & Design



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

User Reference	Address	Notes/description
Precinct B	39 Northerly Avenue Ascot WA 6104	-

Your Responsibility and Duty of Care

- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the Privacy Policy and Term of Use.
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
240936716	ATCO Gas Australia	1300 926 755	NOTIFIED
240936712	NBN Co (WA)	1800 687 626	NOTIFIED
240936708	Optus (WA)	1800 505 777	NOTIFIED
240936709	Public Transport Authority - Bus Stops	13 62 13	NOTIFIED
240936714	Telstra (WA)	1800 653 935	NOTIFIED
240936711	TPG Telecom (WA)	1800 786 306	NOTIFIED
240936710	Vocus (WA)	1800 262 663	NOTIFIED
240936715	Water Corporation	13 13 95	NOTIFIED
240936713	Western Power	13 10 87	NOTIFIED

END OF UTILITIES LIST

Document Set ID: 9885128
Version: 1, Version Date: 18/09/2024

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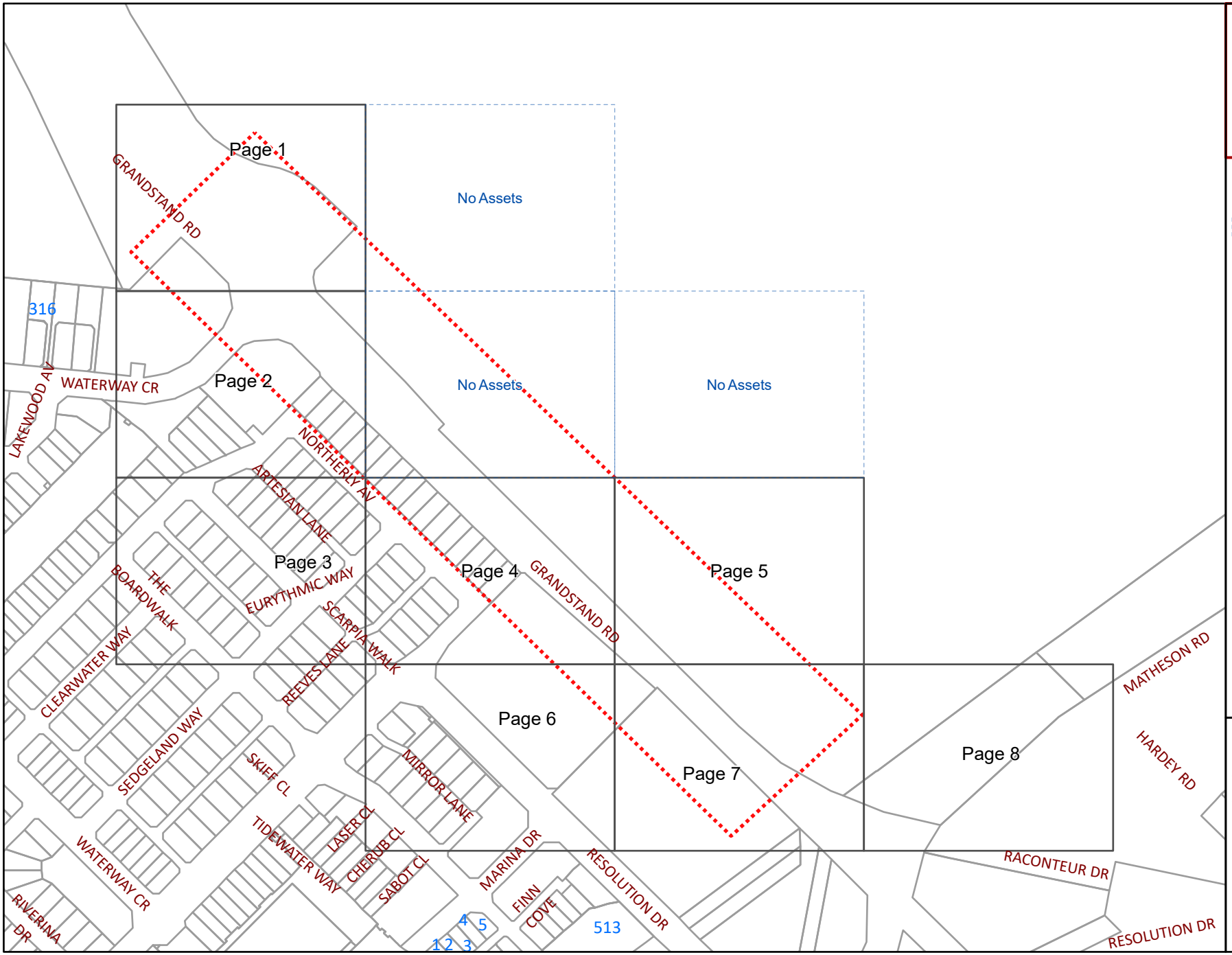
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ABN: 90 089 531 975

Date: 24/06/24 (valid for 30 days)
Index Sheet

Seq # 240936716
Job # 36968397

BYDA Location: 39 Northerly Avenue Ascot 6104
Scale: 1:3,500

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WARNING
CRITICAL ASSET
IN THE VICINITY.
No works within 15 meters of this asset are permitted without prior approval from ATCO.
Contact ATCO on 1300 926 755

BYDA Enquiry
Detailed map page
No Assets in the Dig Site

Please refer to Symbols Sheet for Further Information

Disclaimer:
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ATCO Gas Australia will seek compensation for damage caused to assets.

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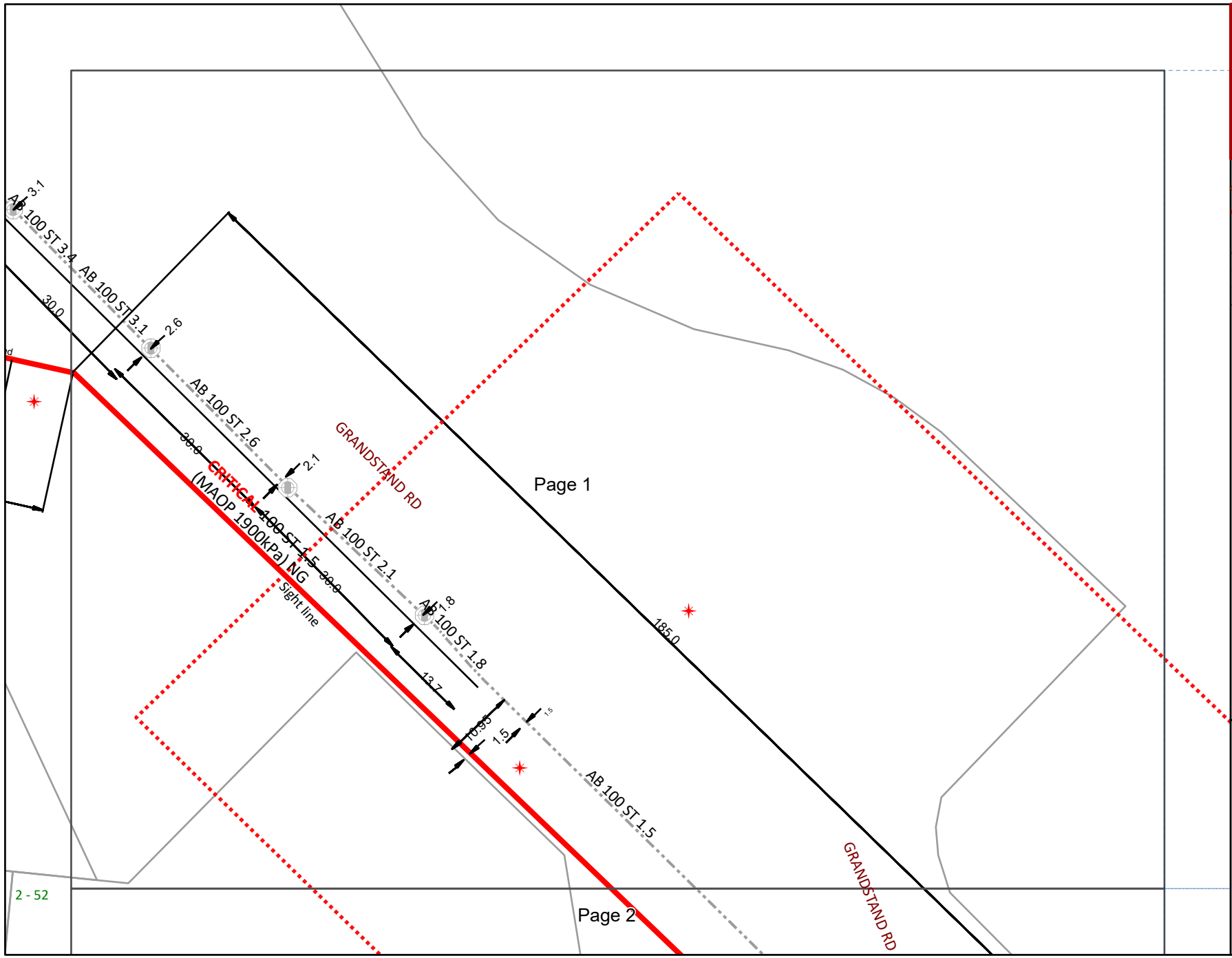
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ABN: 90 089 531 975

Date: 24/06/24 (valid for 30 days)

Seq # 240936716
Job # 36968397

BYDA Location: 39 Northerly Avenue Ascot 6104
Scale: 1:800

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- Relay Program
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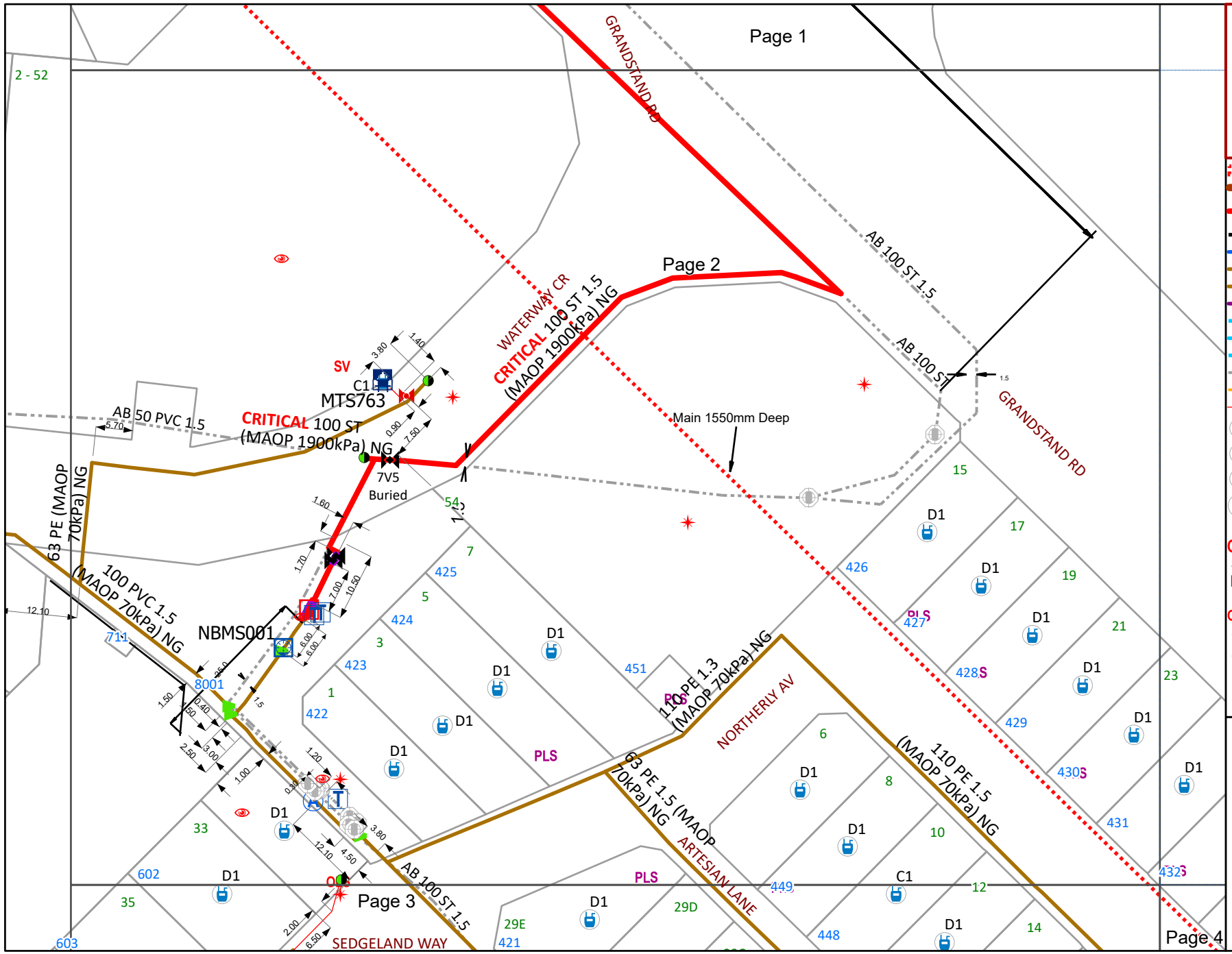
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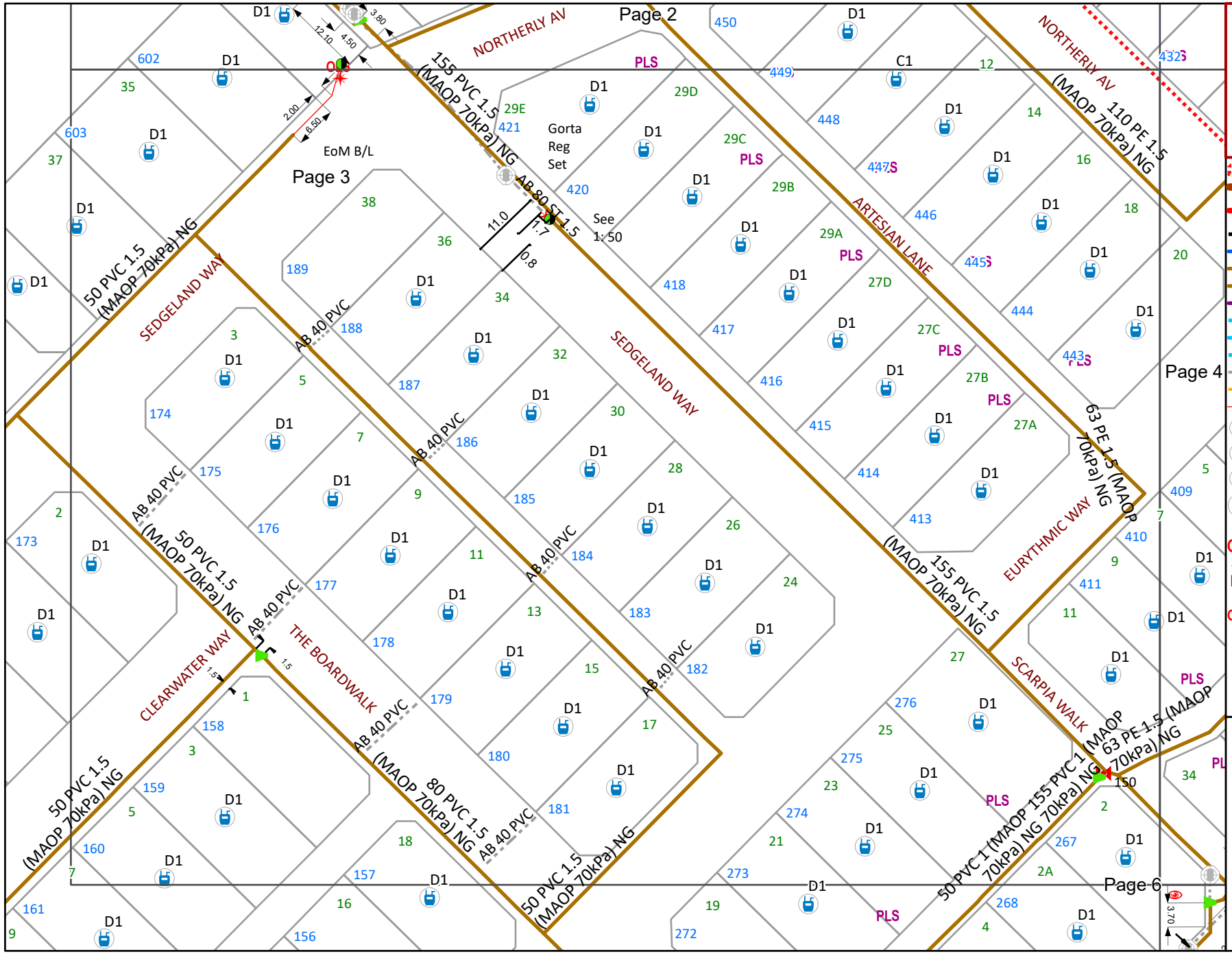
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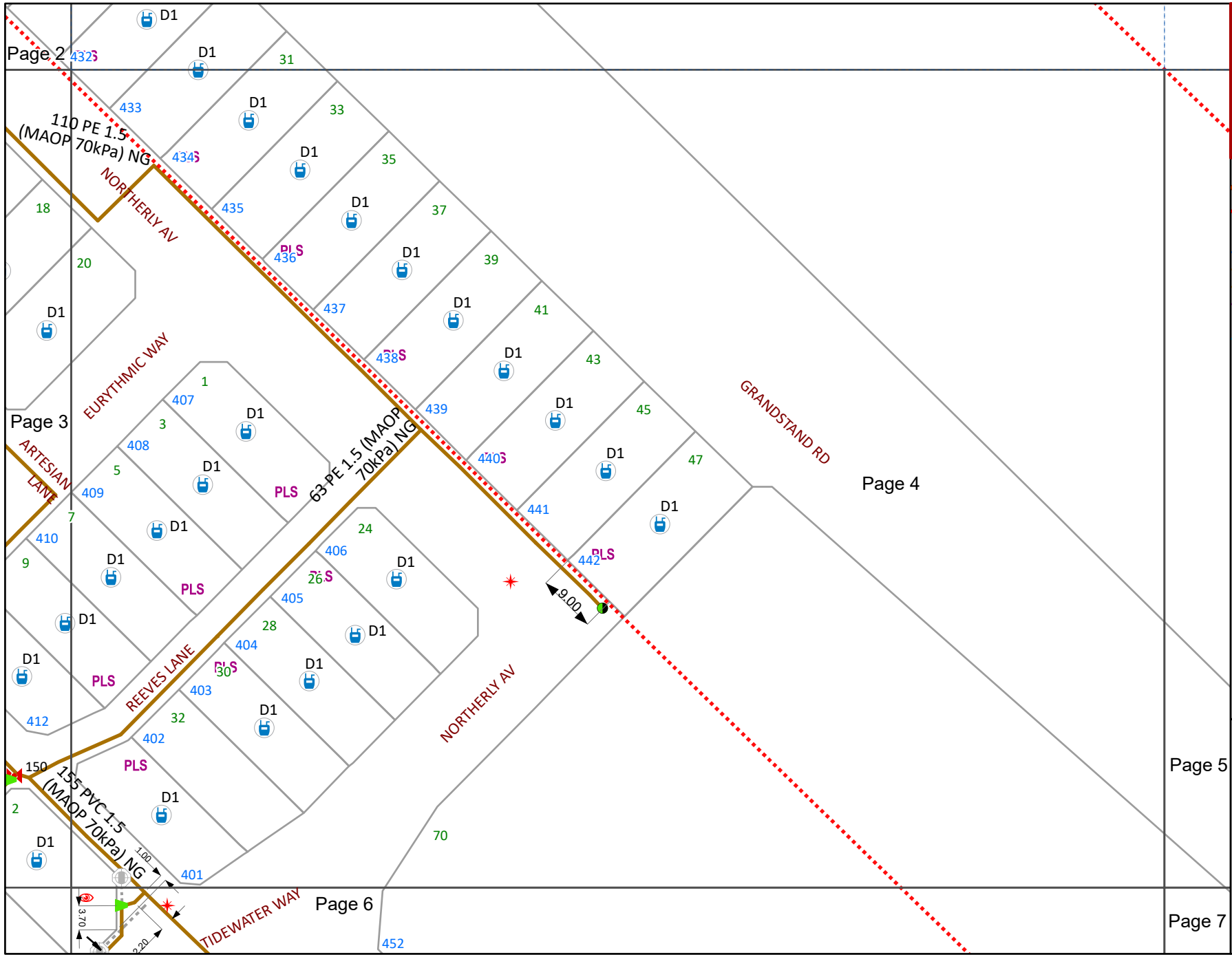
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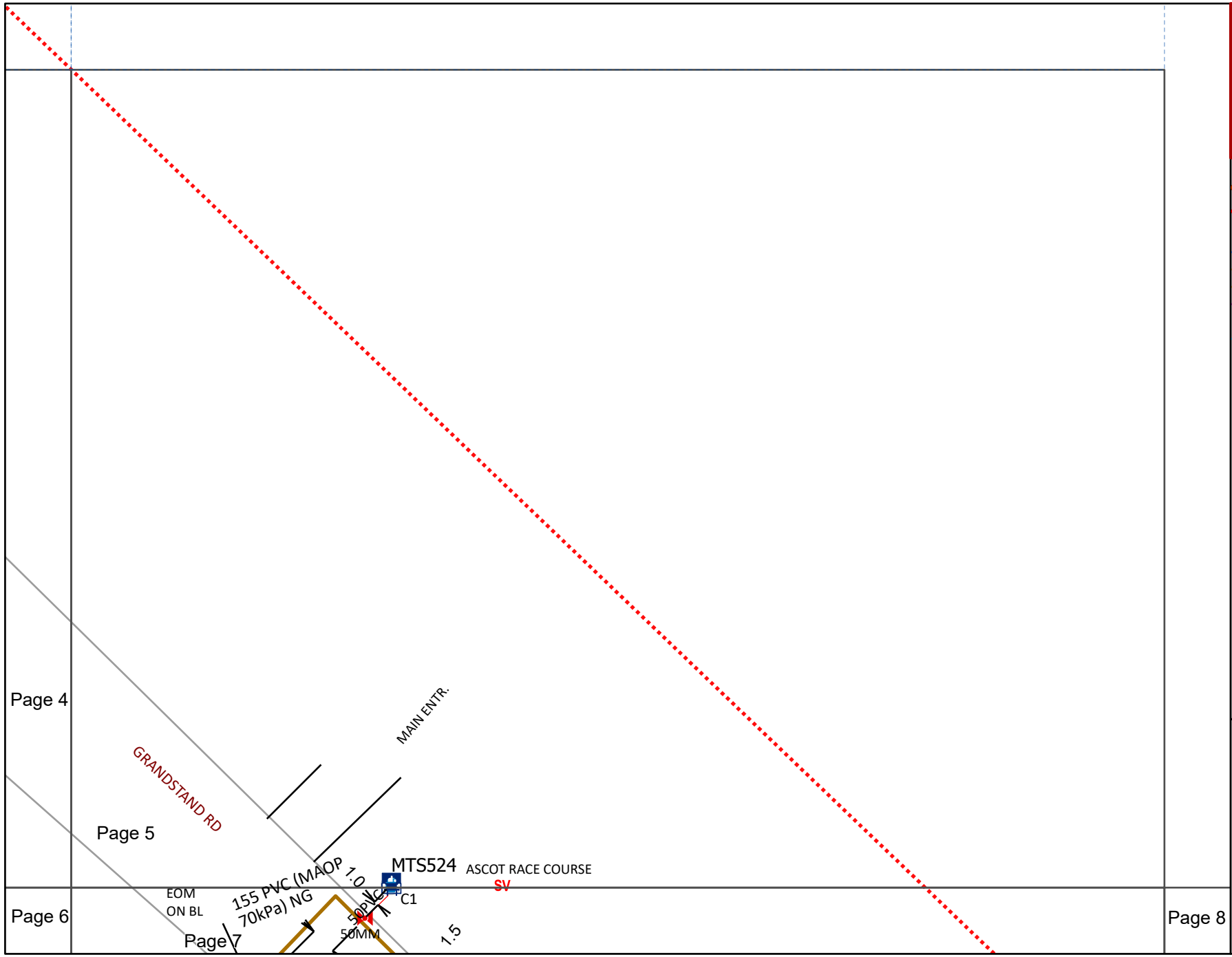
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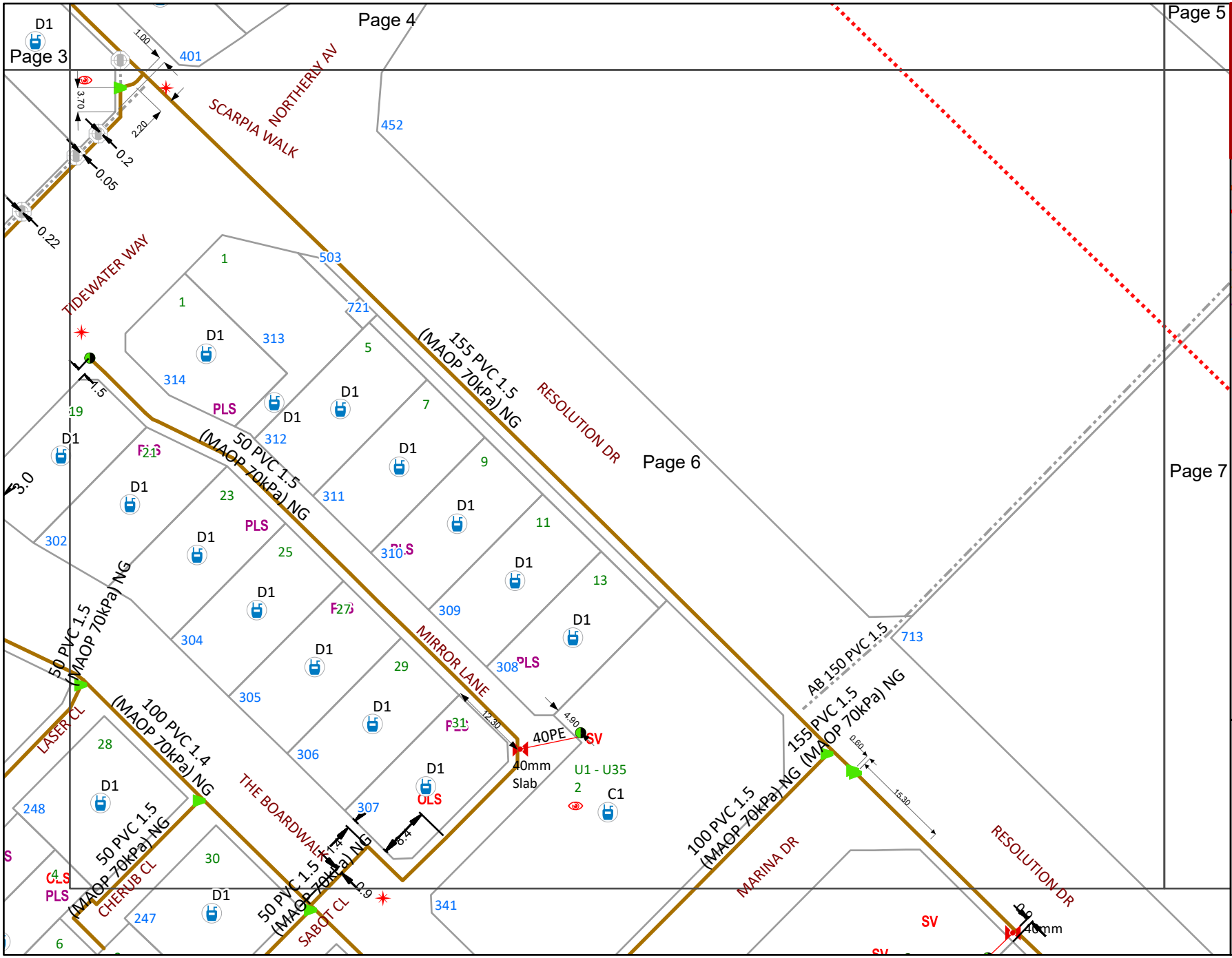
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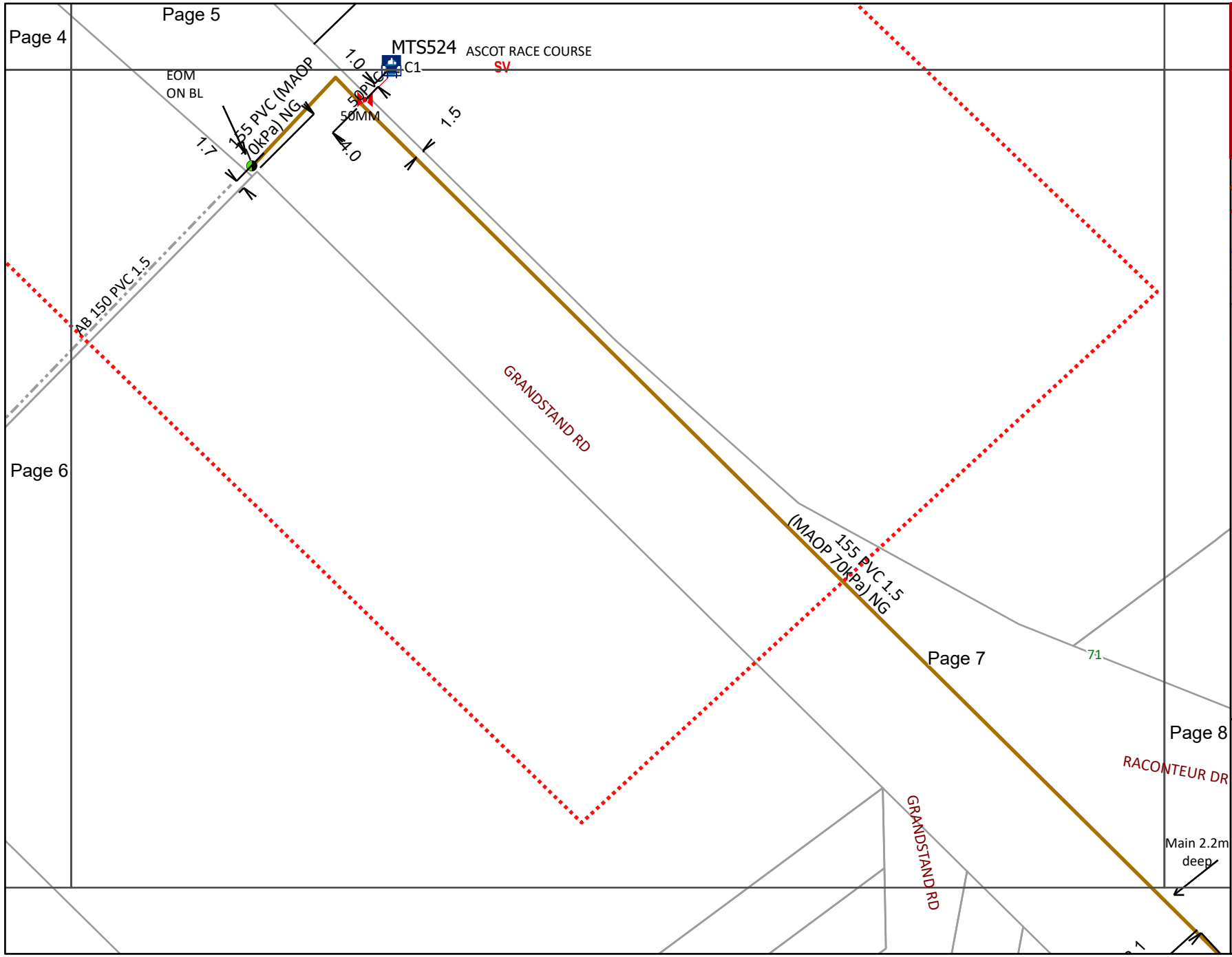
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Please read all **warnings**, conditions and information on the attached "Underground Asset Details" information sheet. This plan is issued subject to that information and those conditions and **warnings** (including, but not limited to, the "NO HOT WORKS" warning). Plans are current for only **30 days** from date of request, indicative only and not warranted to be accurate. It is your responsibility to carefully locate underground assets and follow safe work practises and procedures (eg pot-holing).
ATCO Gas Australia will seek compensation for damage caused to assets.

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ATCO

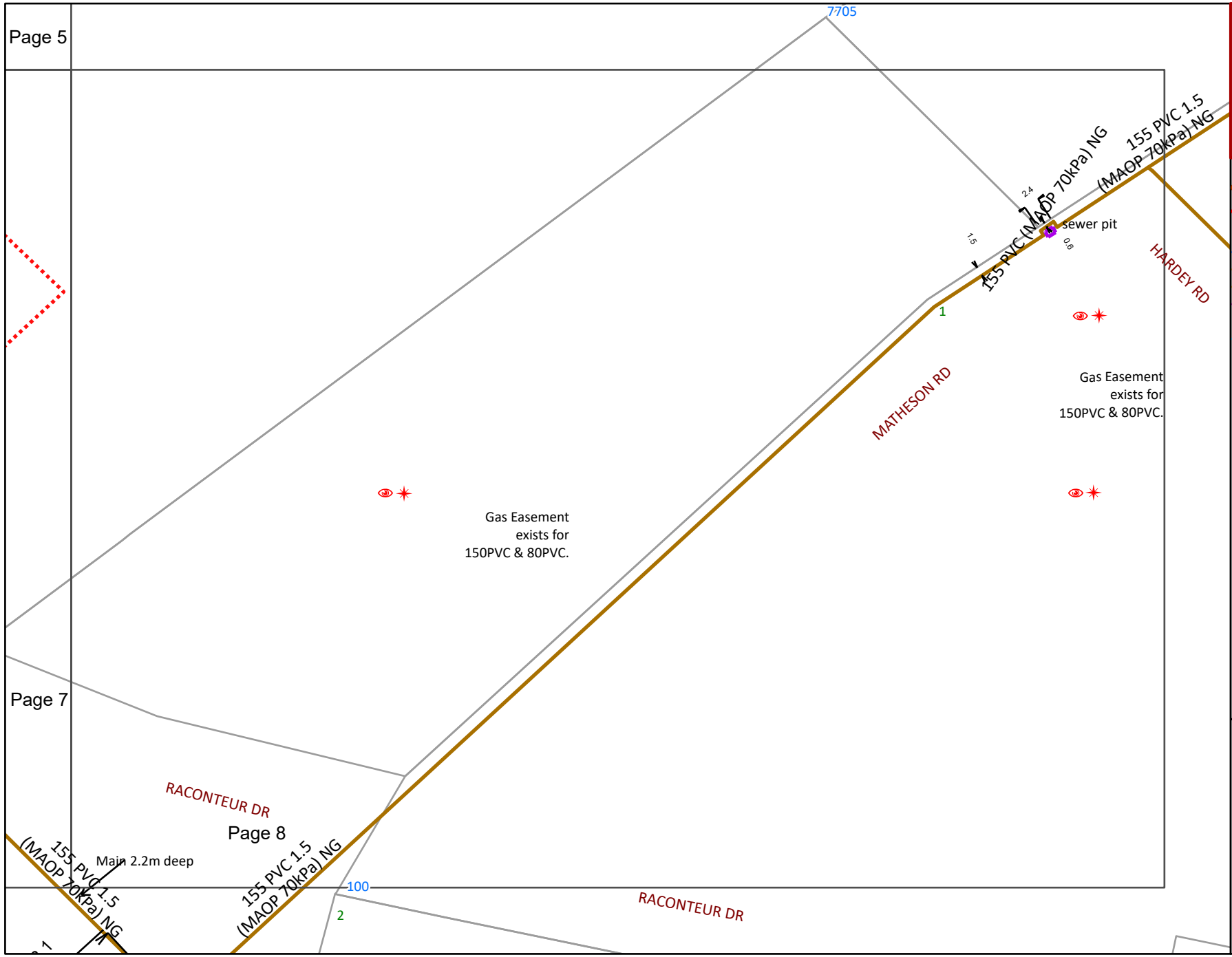
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 24/06/24 (valid for 30 days)

Seq # 240936716
Job # 36968397

BYDA Location: 39 Northerly Avenue Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



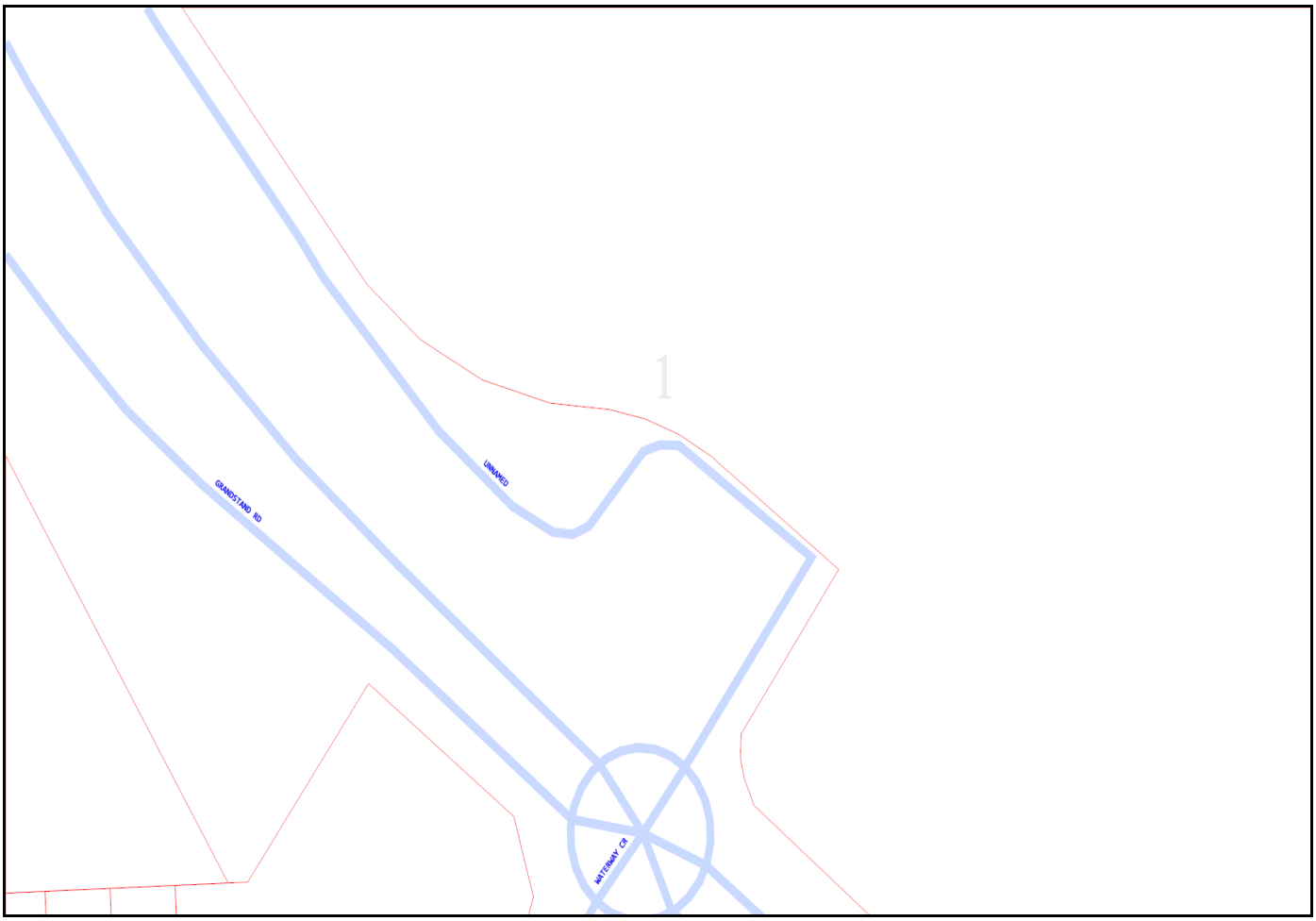
WARNING
CRITICAL ASSET IN THE VICINITY.
No works within 15 meters of this asset are permitted without prior approval from ATCO.
Contact ATCO on 1300 926 755

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
- Common Trench
- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
- Interval Meter
- Proposed Meter
- Removed Meter
- BL End of Main Building
- CoD End of Main on Direction Peg
- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
- See Details
- SC Side Elevation
- Sign

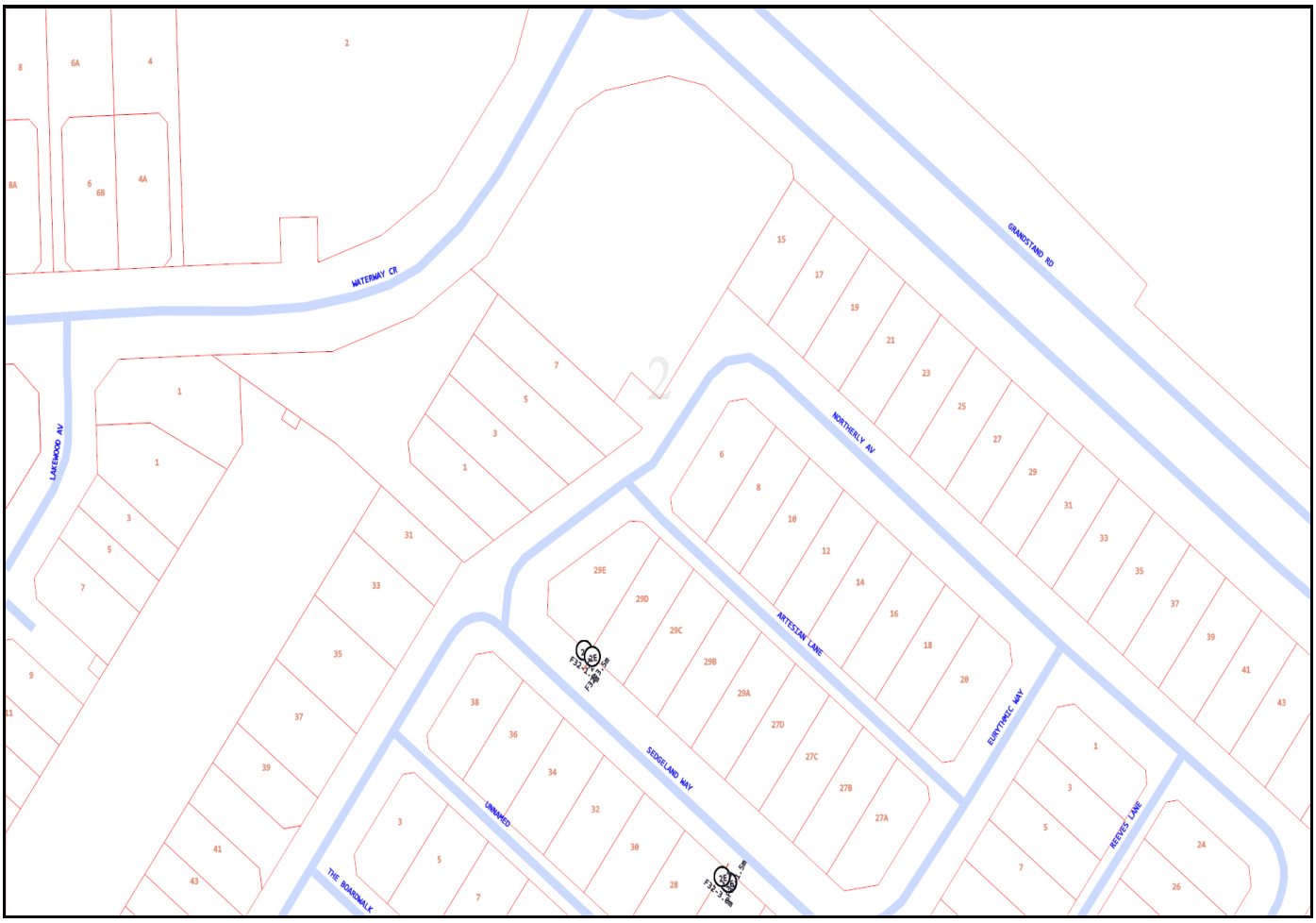
Please refer to Symbols Sheet for Further Information

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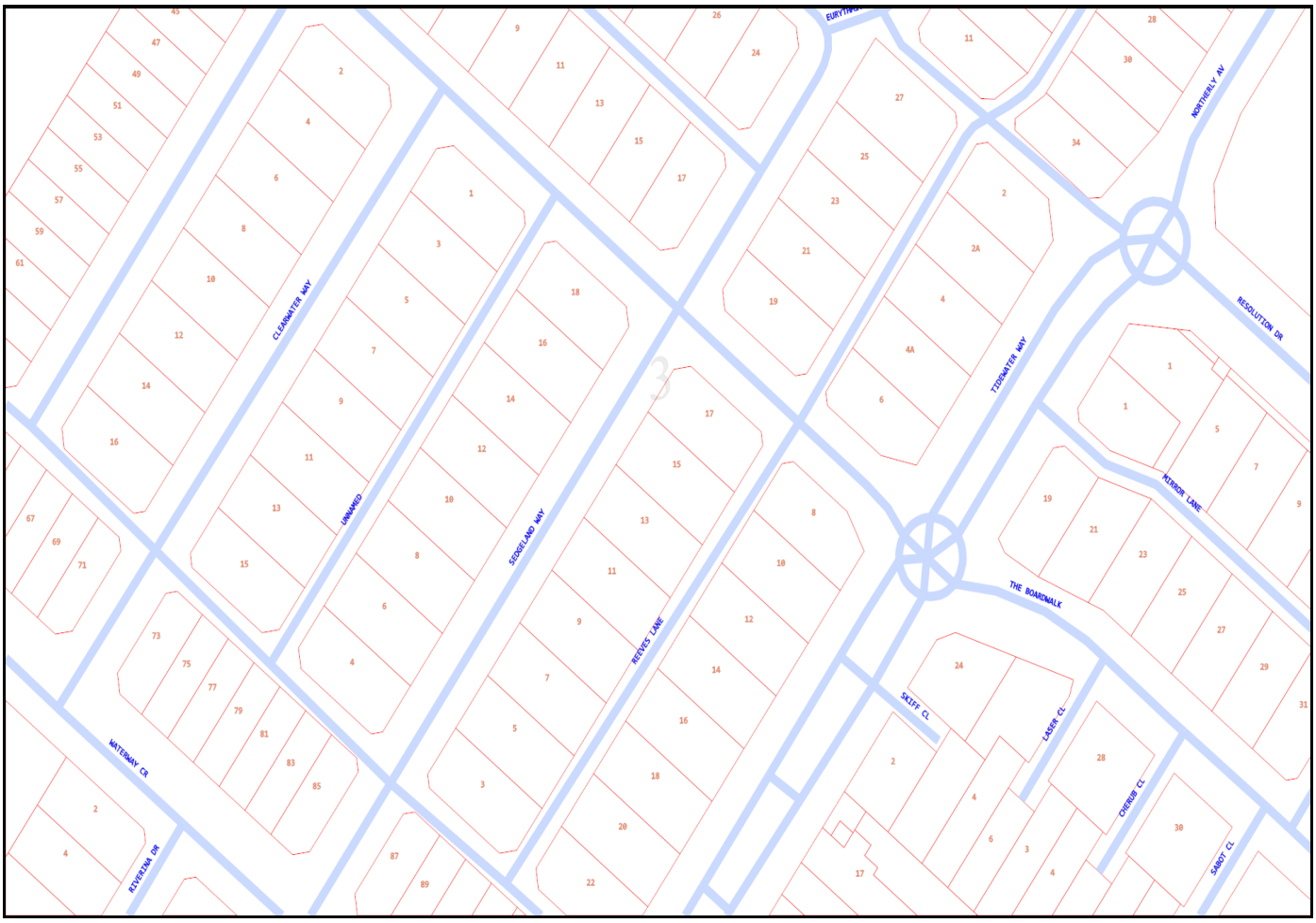
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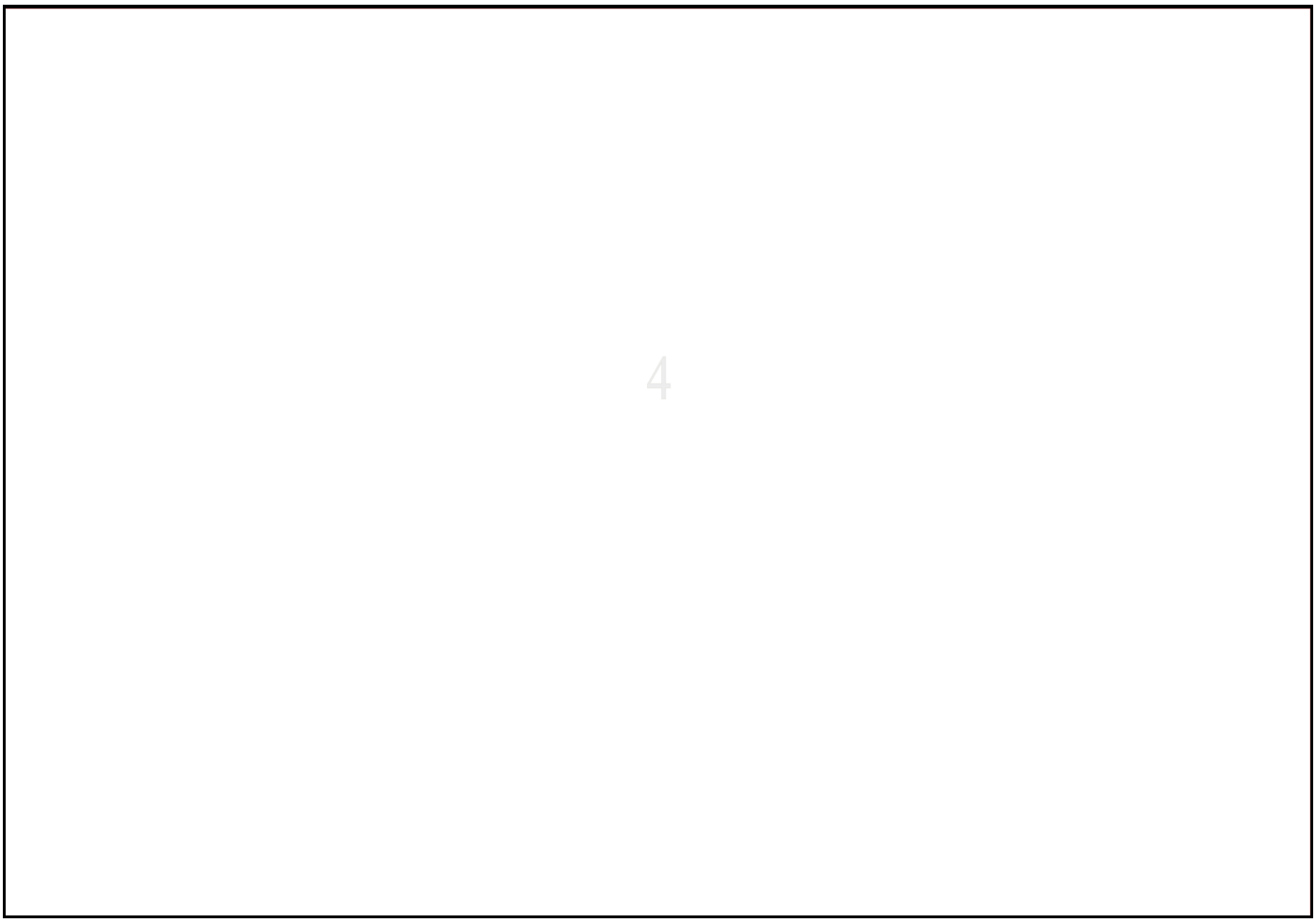
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Version: 1, Version Date: 18/09/2024



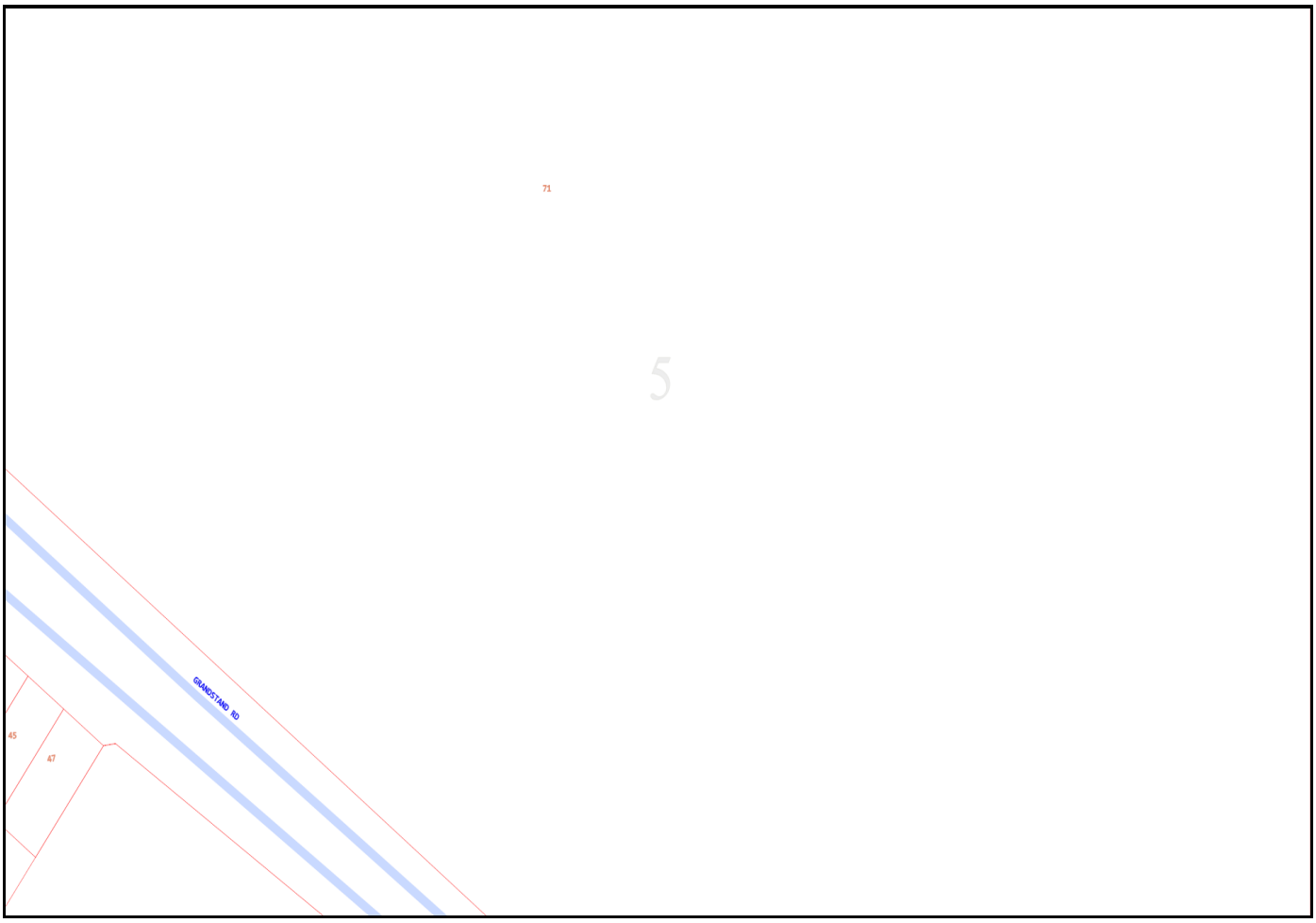
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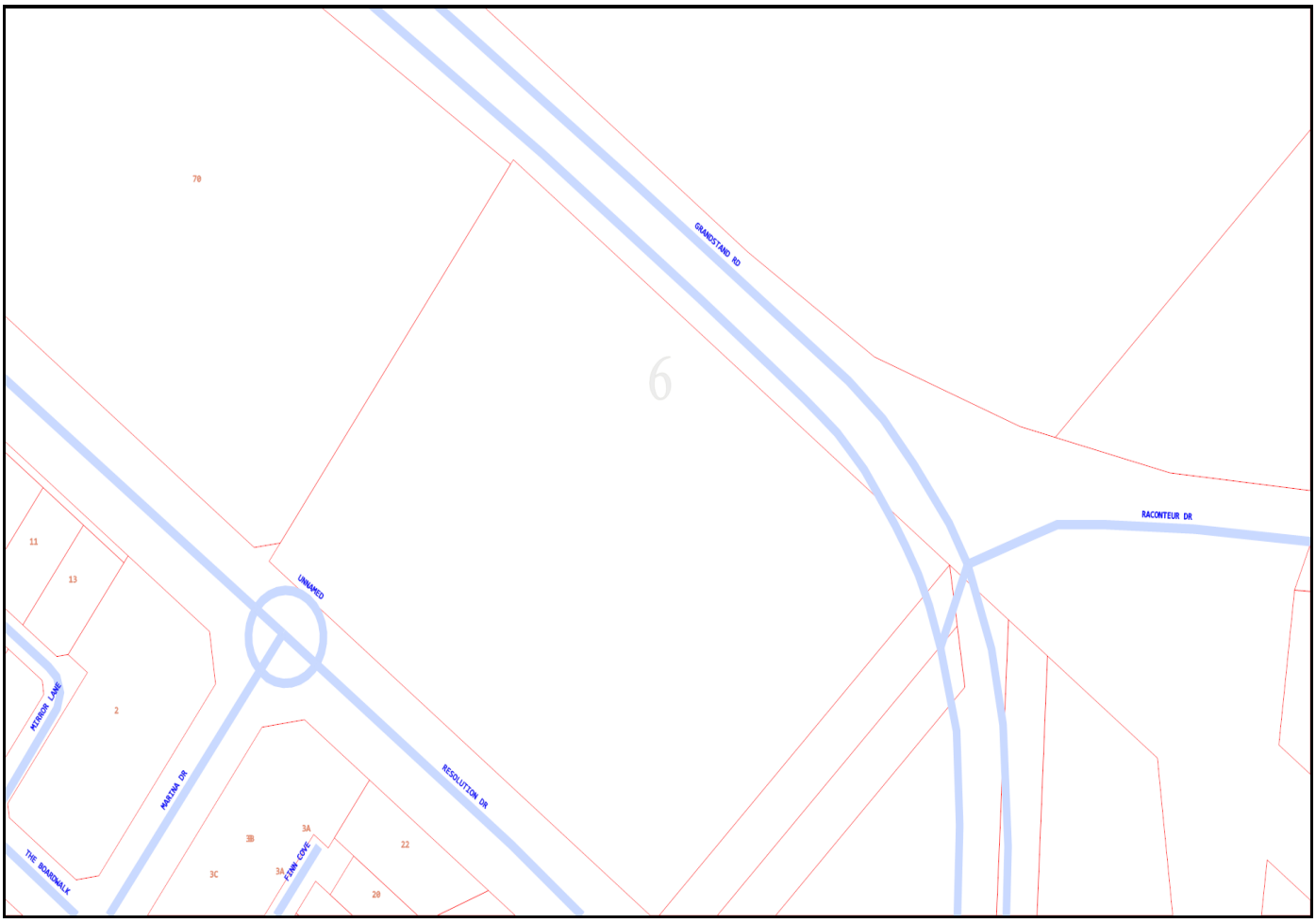
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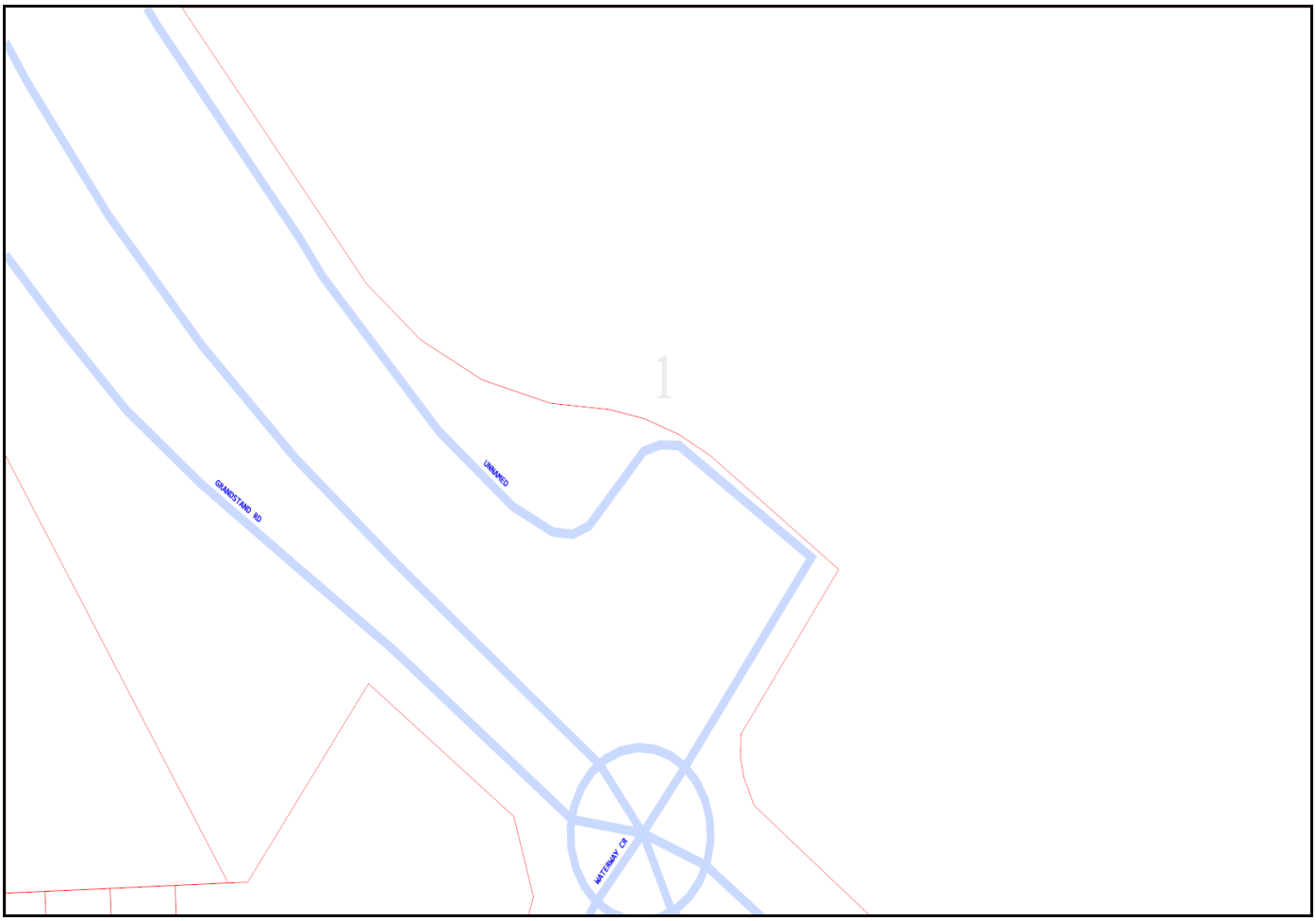


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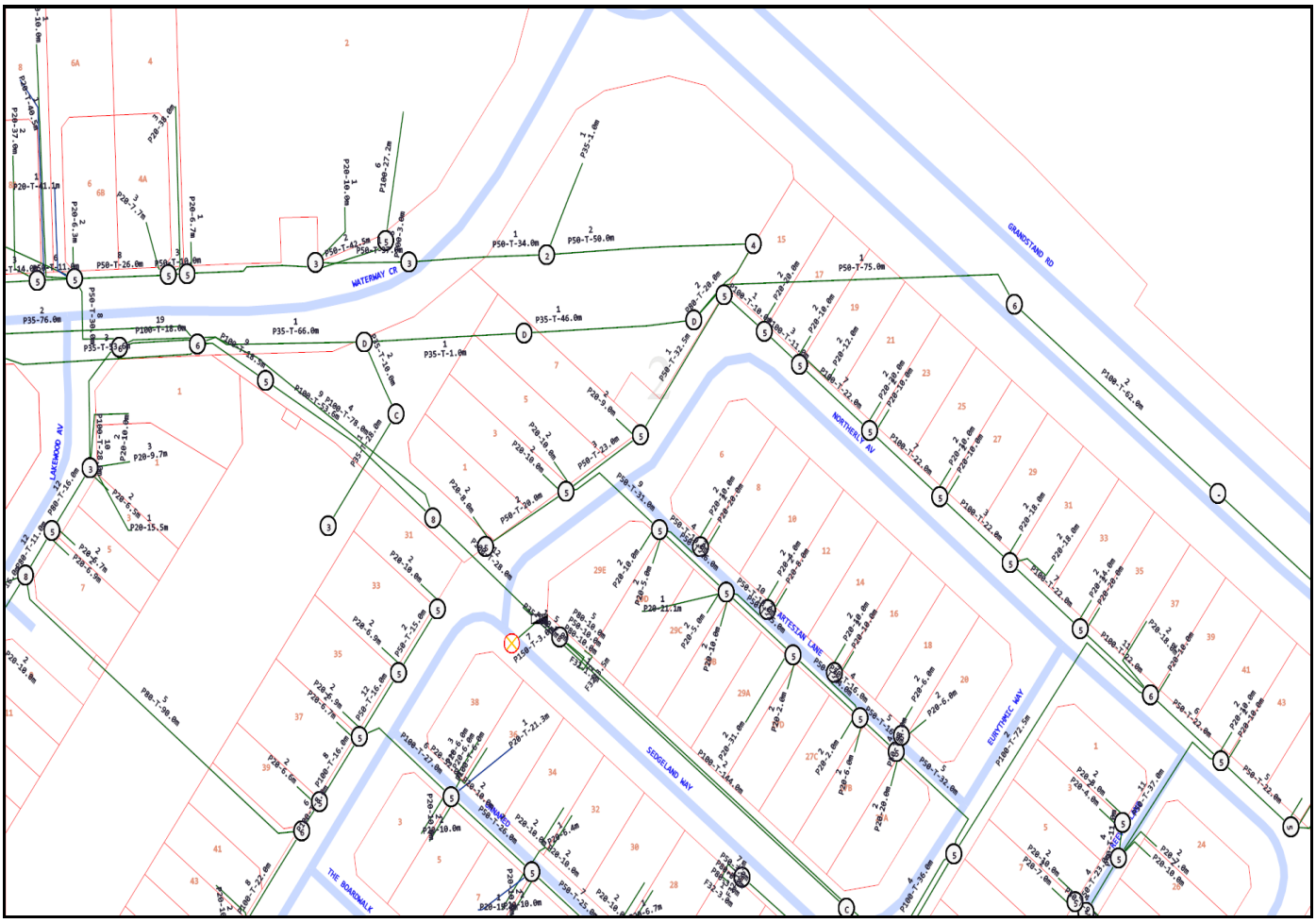


Emergency Contacts

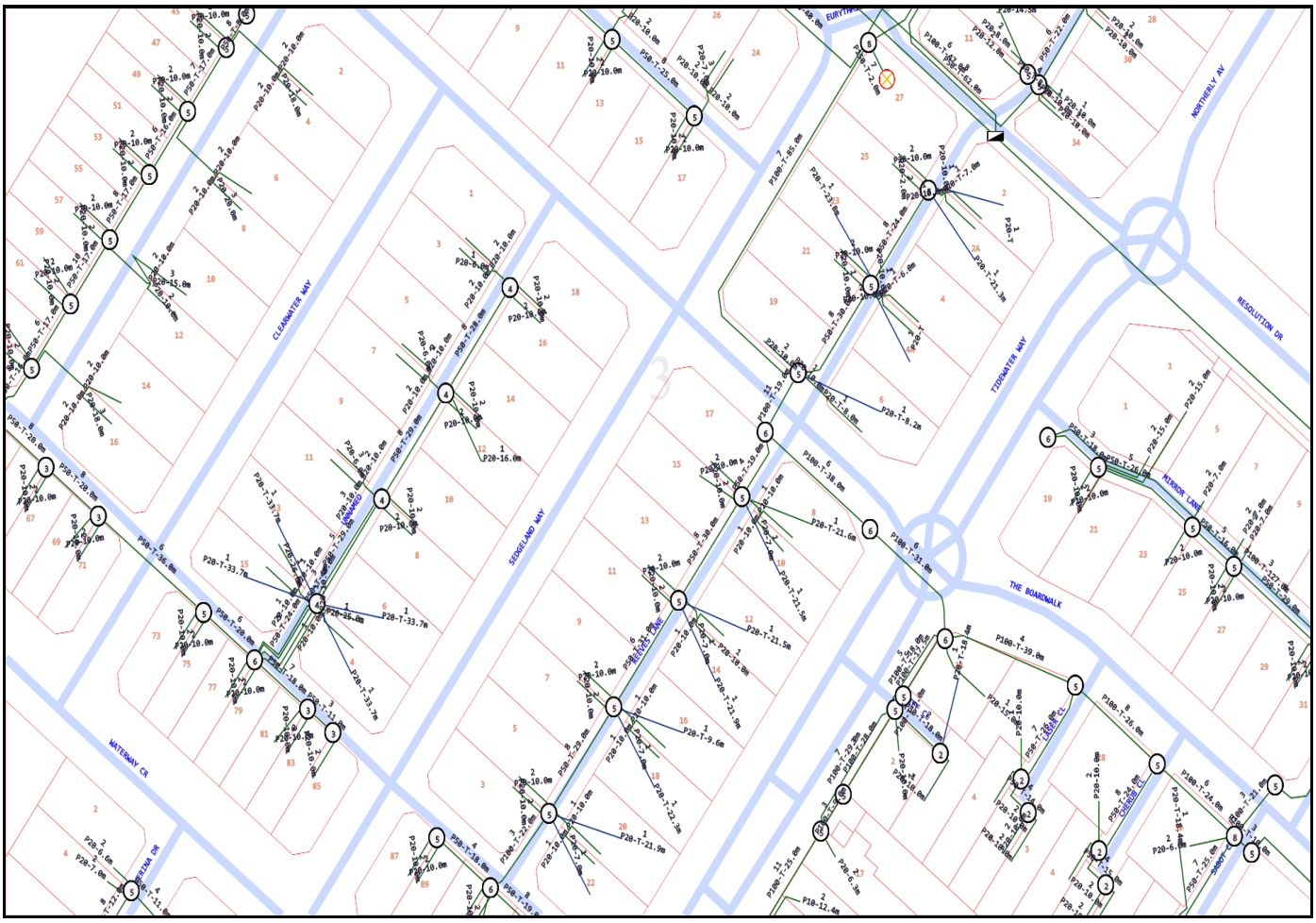
You must immediately report any damage to the **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.



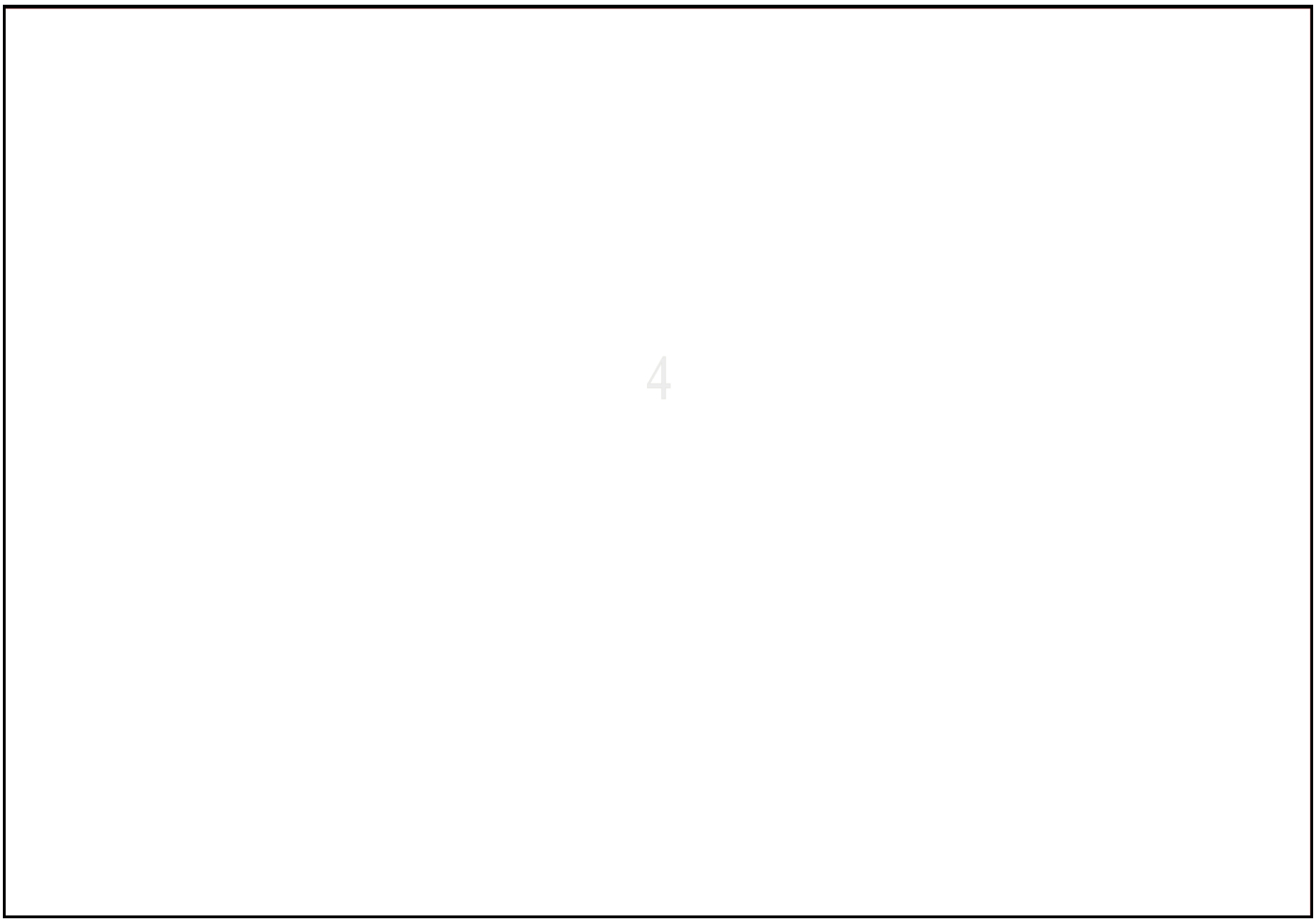
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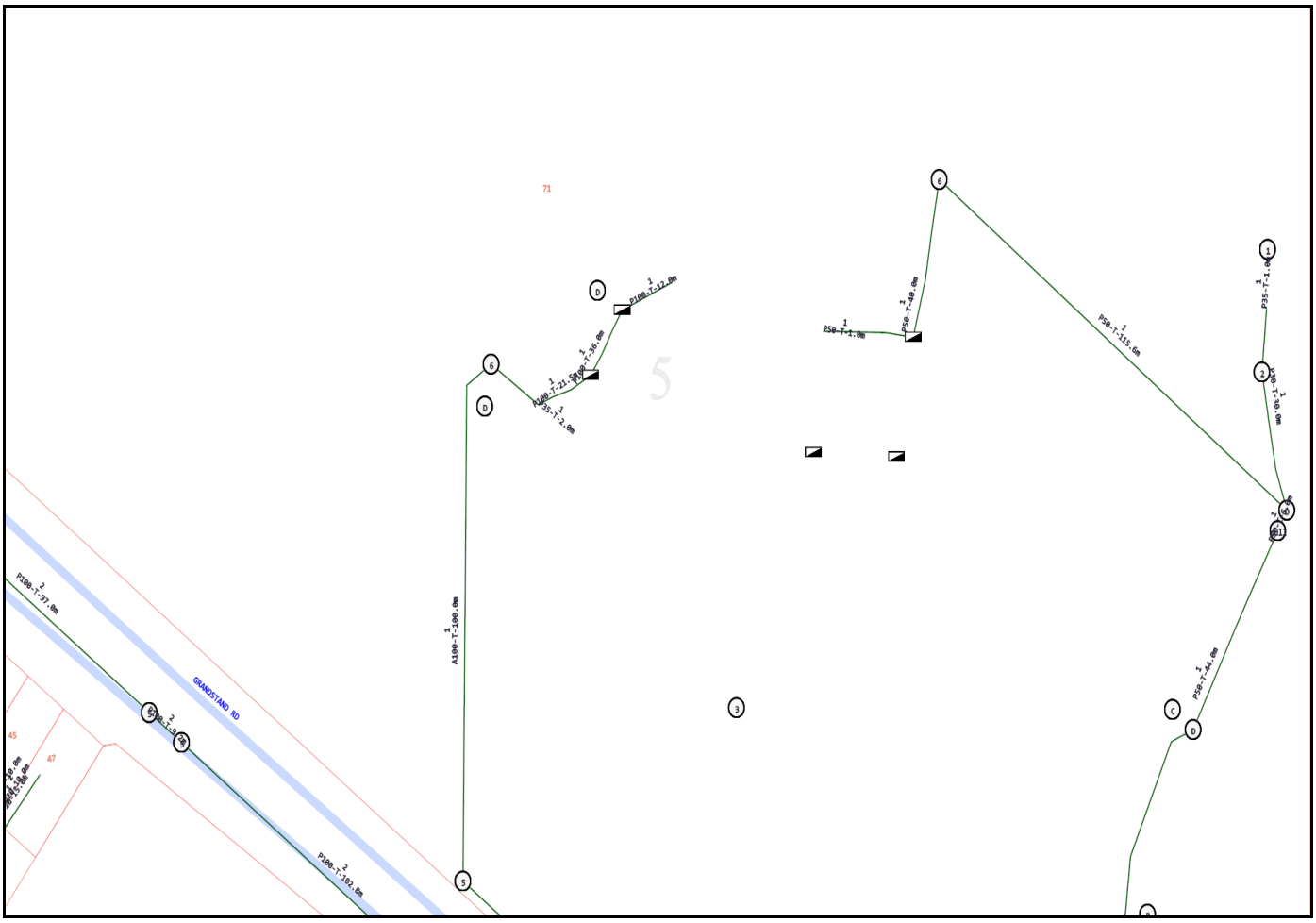
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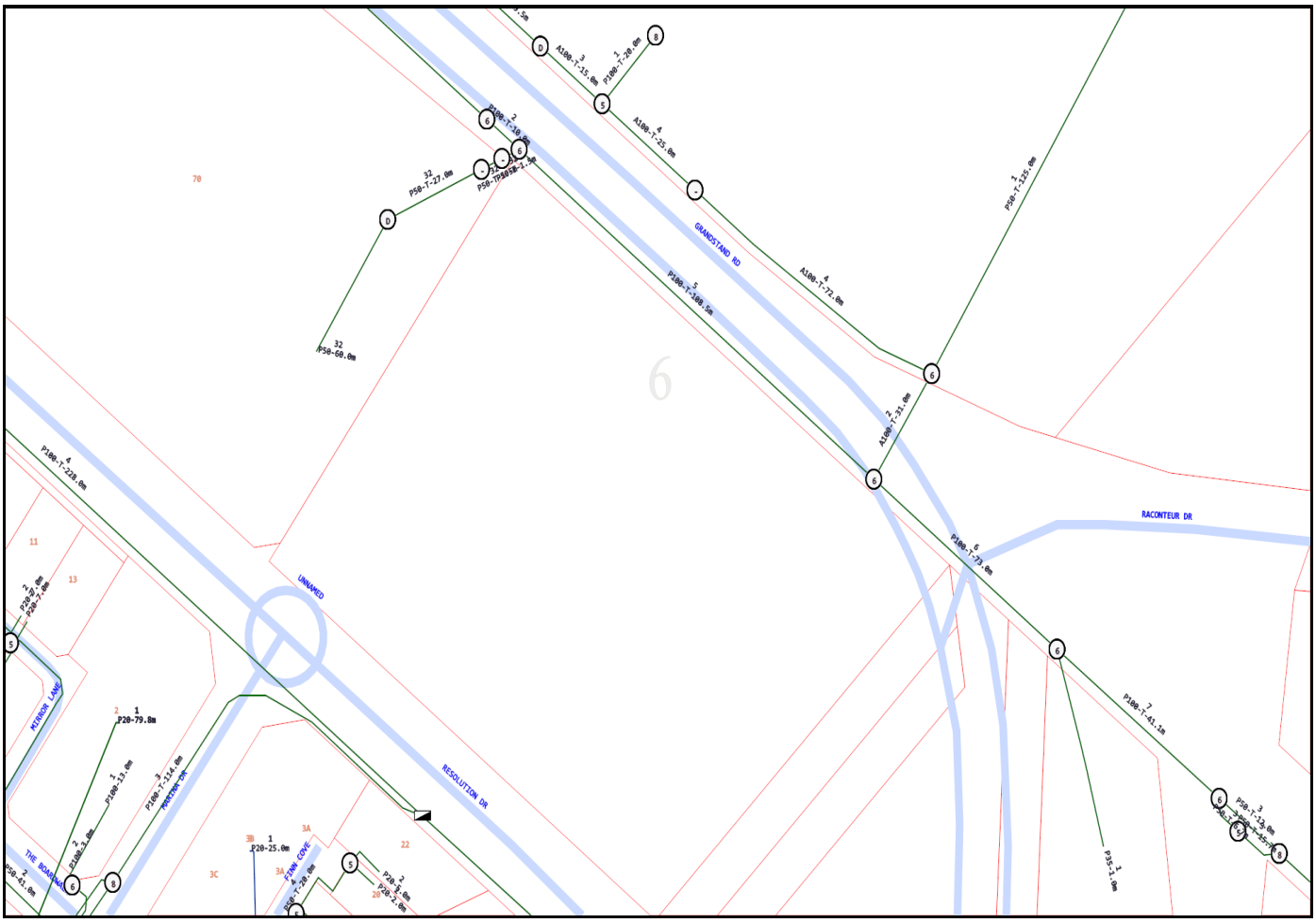
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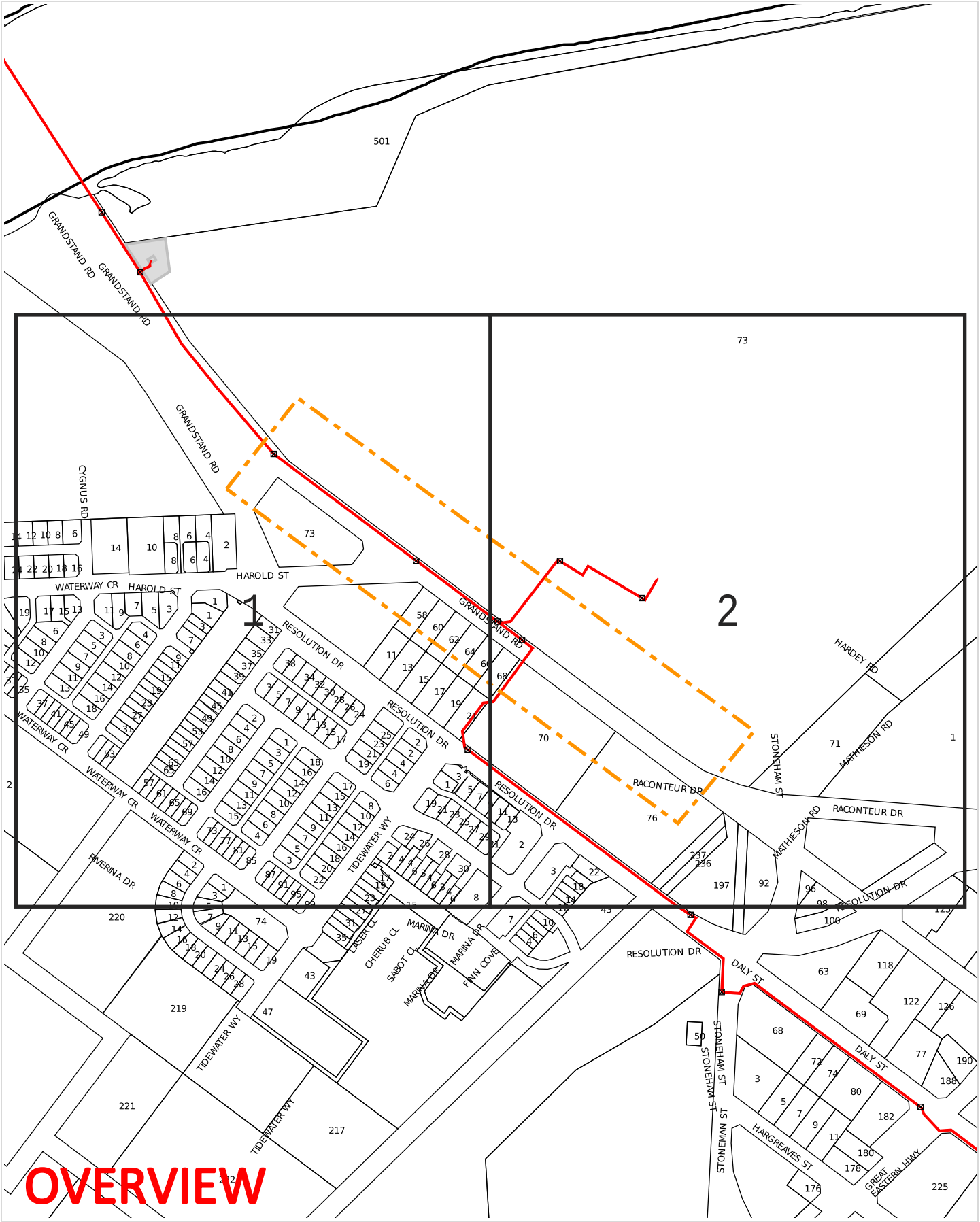


Document Set ID: 5885125
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Sequence Number: 240936708

Date Generated: 24 Jun 2024

For all Optus DBYD plan enquiries –
Email: Fibre.Locations@optus.net.au
For urgent onsite assistance contact 1800 505 777
Optus Limited ACN 052 833 208

DIAL BEFORE YOU DIG www.1100.com.au

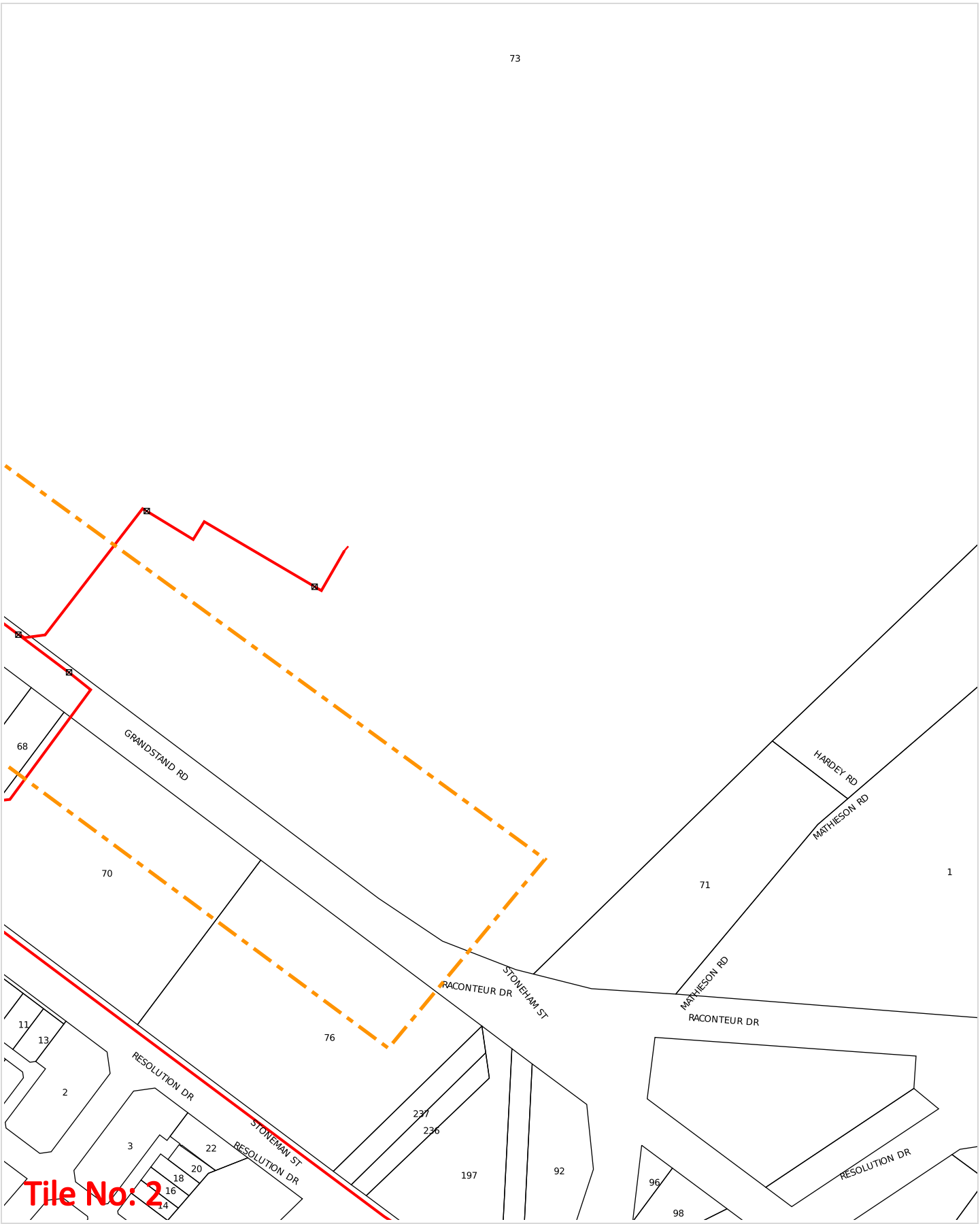


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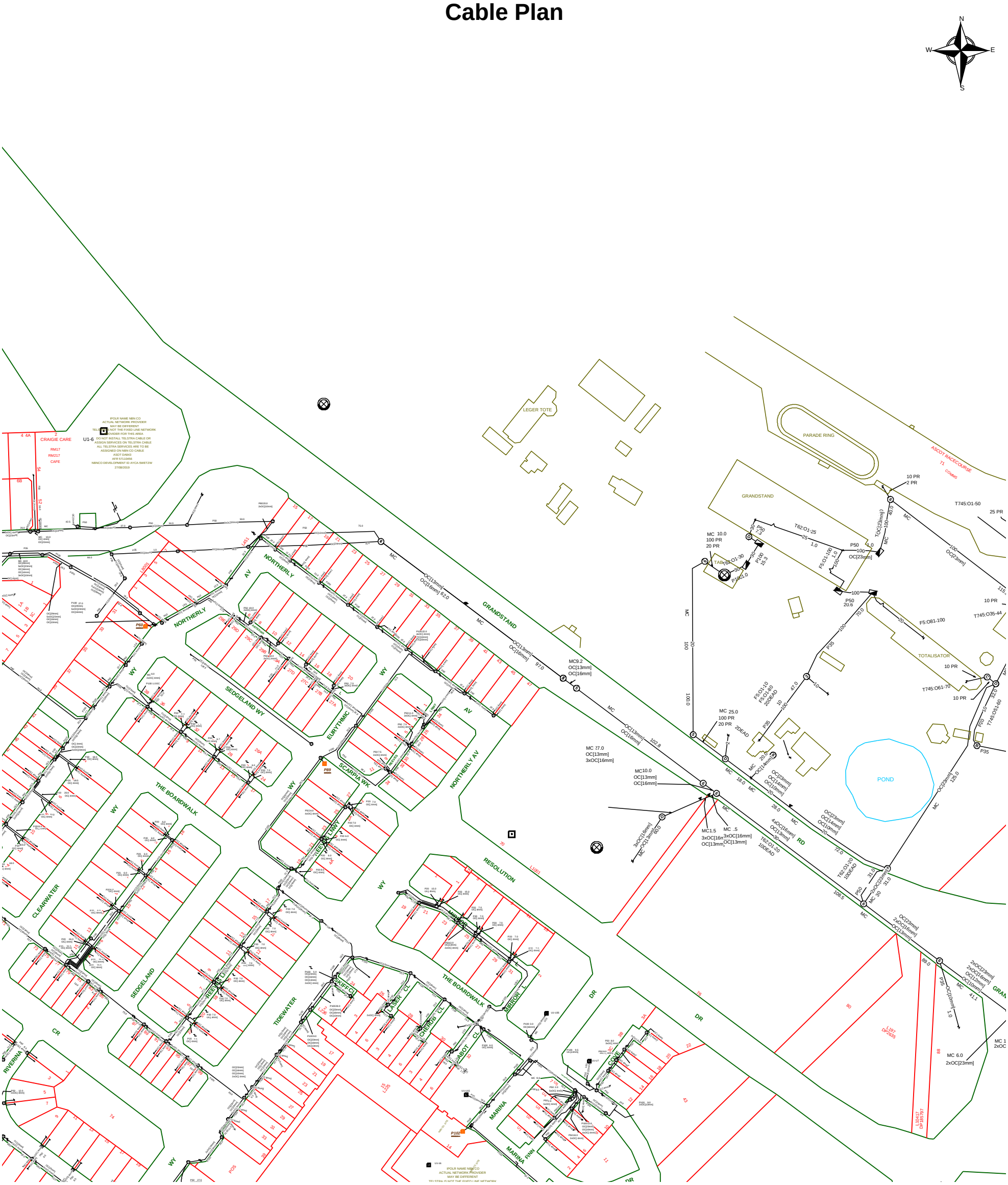
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For urgent onsite assistance contact 1800 505 777
Optus Limited ACN 052 833 208

Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment
Ph - 13 22 03
Email - Telstra.Plans@team.telstra.com
Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries

TELSTRA LIMITED A.C.N. 086 174 781

Generated On 24/06/2024 09:36:36

Sequence Number: 240936714

CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

WARNING
Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.
As such,Telstra supplied location information is indicative only.Spatial accuracy is not applicable to Quality Level D.
Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.
Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.
Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.
A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.

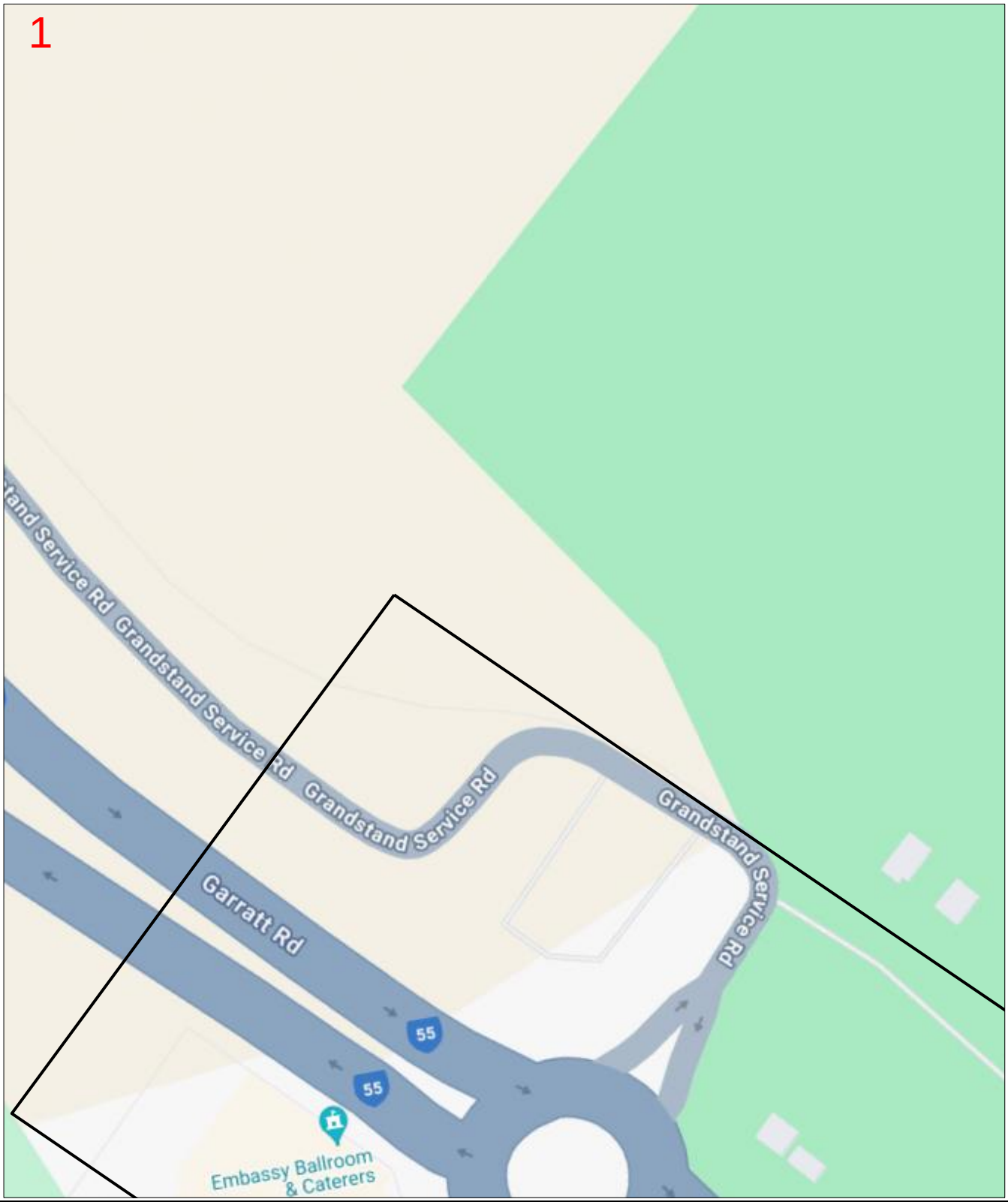
Mains Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment Ph - 13 22 03 Email - Telstra.Plans@team.telstra.com Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries	Sequence Number: 240936714
TELSTRA LIMITED A.C.N. 086 174 781	CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.
Generated On 24/06/2024 09:36:39	

WARNING
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See the Steps- Telstra Duty of Care that was provided in the email response.



Enquiry Number: 240936711

Map Sheet: 1

Scale: 1: 750

0 0.008km

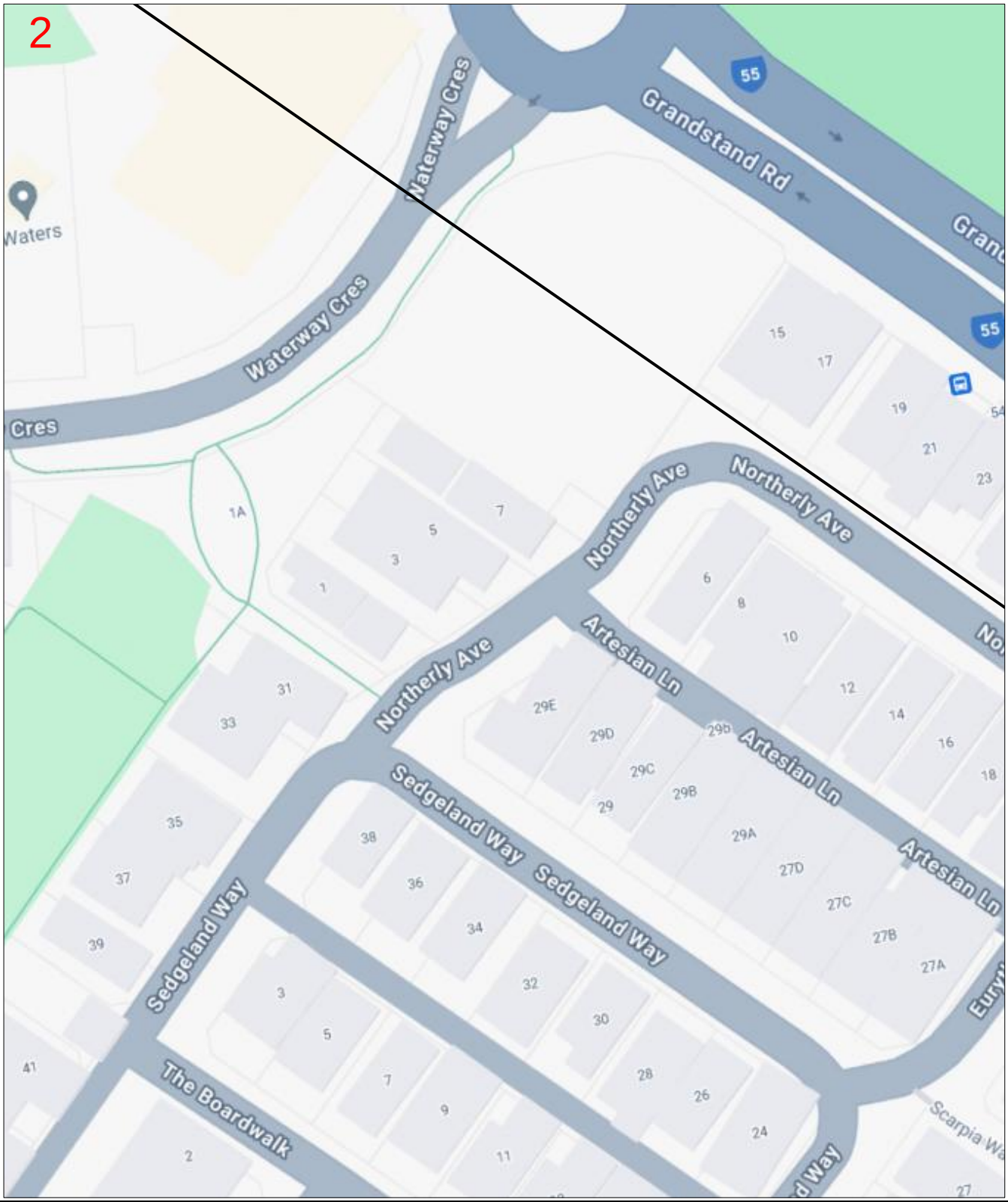
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LEGEND

BYDA Work Area			
AAPT/PowerTel Pit		TransACT Pit	
AAPT/PowerTel Duct		TransACT Duct	
DDA Pit		SOUL Pattinson Telecoms Pit	
DDA Duct		SOUL Pattinson Telecoms Duct	
Agile/Adam Pit		PIPE Networks Pit	
Agile/Adam Duct		PIPE Networks Duct	

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240936711

Map Sheet: 2

Scale: 1: 750

0 0.008km

N

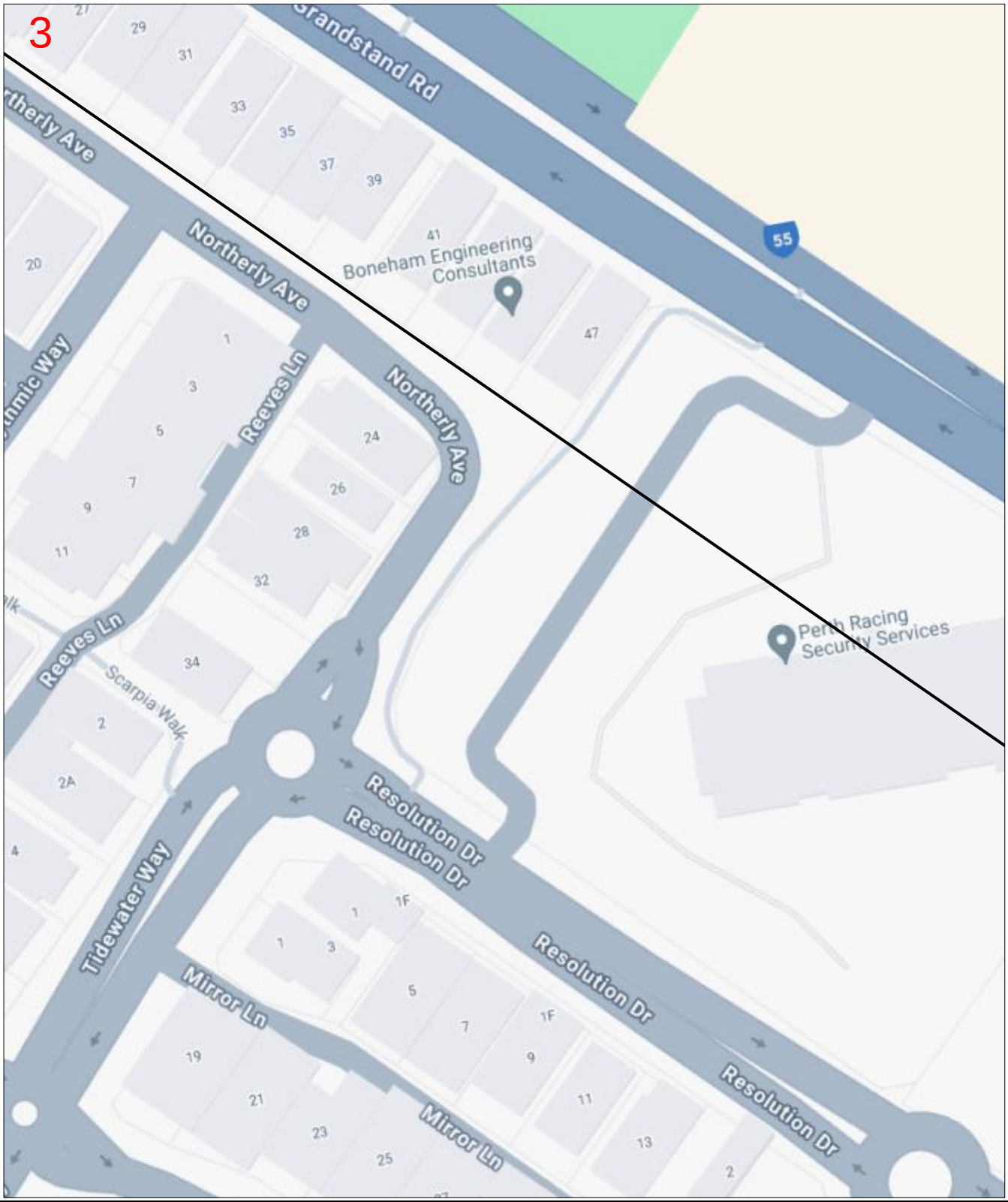
LEGEND

BYDA Work Area

AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
Agile/Adam Pit	PIPE Networks Pit
Agile/Adam Duct	PIPE Networks Duct

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240936711

Map Sheet: 3

Scale: 1: 750

0 0.008km

N

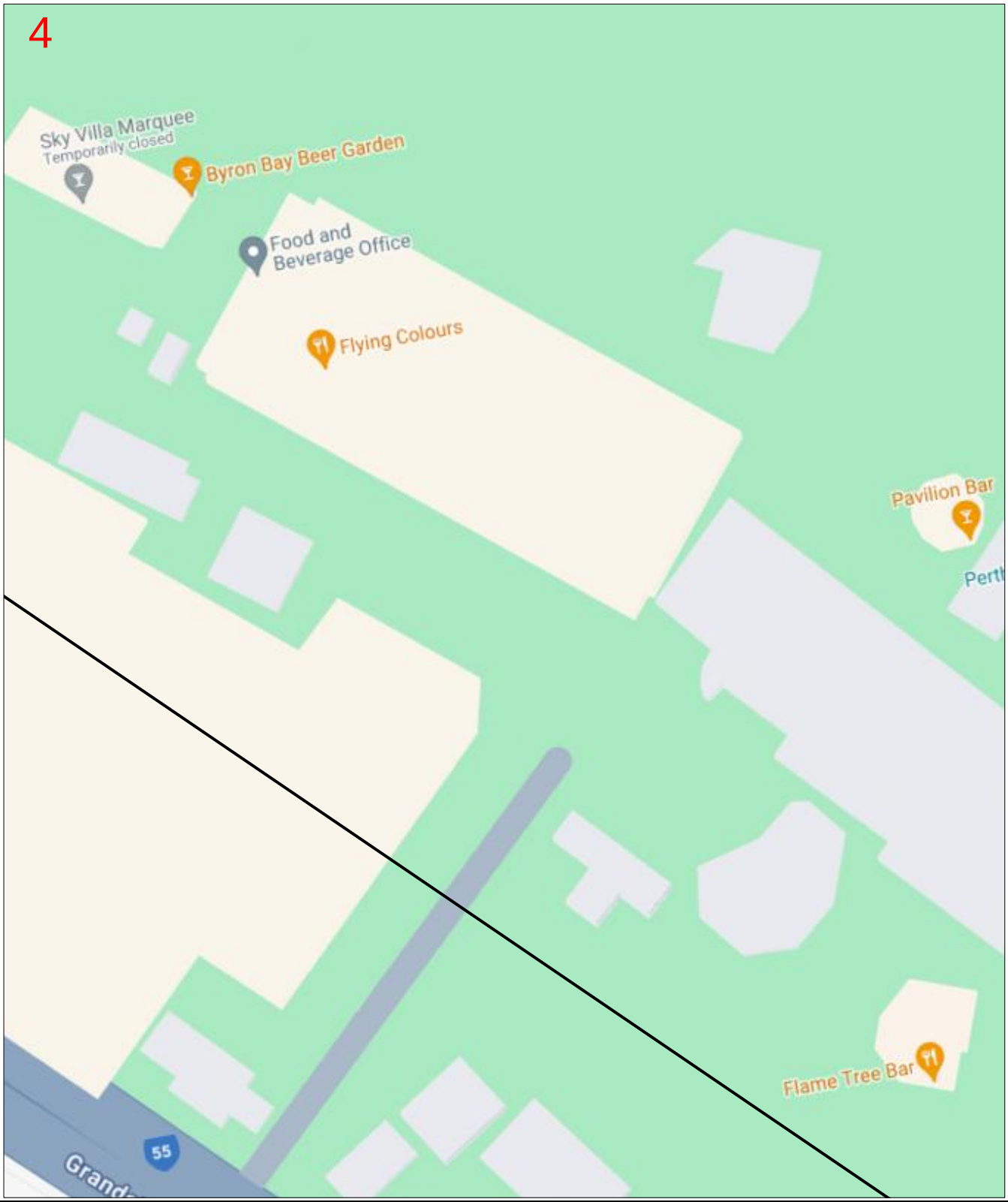
LEGEND

BYDA Work Area

AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
Agile/Adam Pit	PIPE Networks Pit
Agile/Adam Duct	PIPE Networks Duct

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240936711

Map Sheet: 4

Scale: 1: 750

0 0.008km

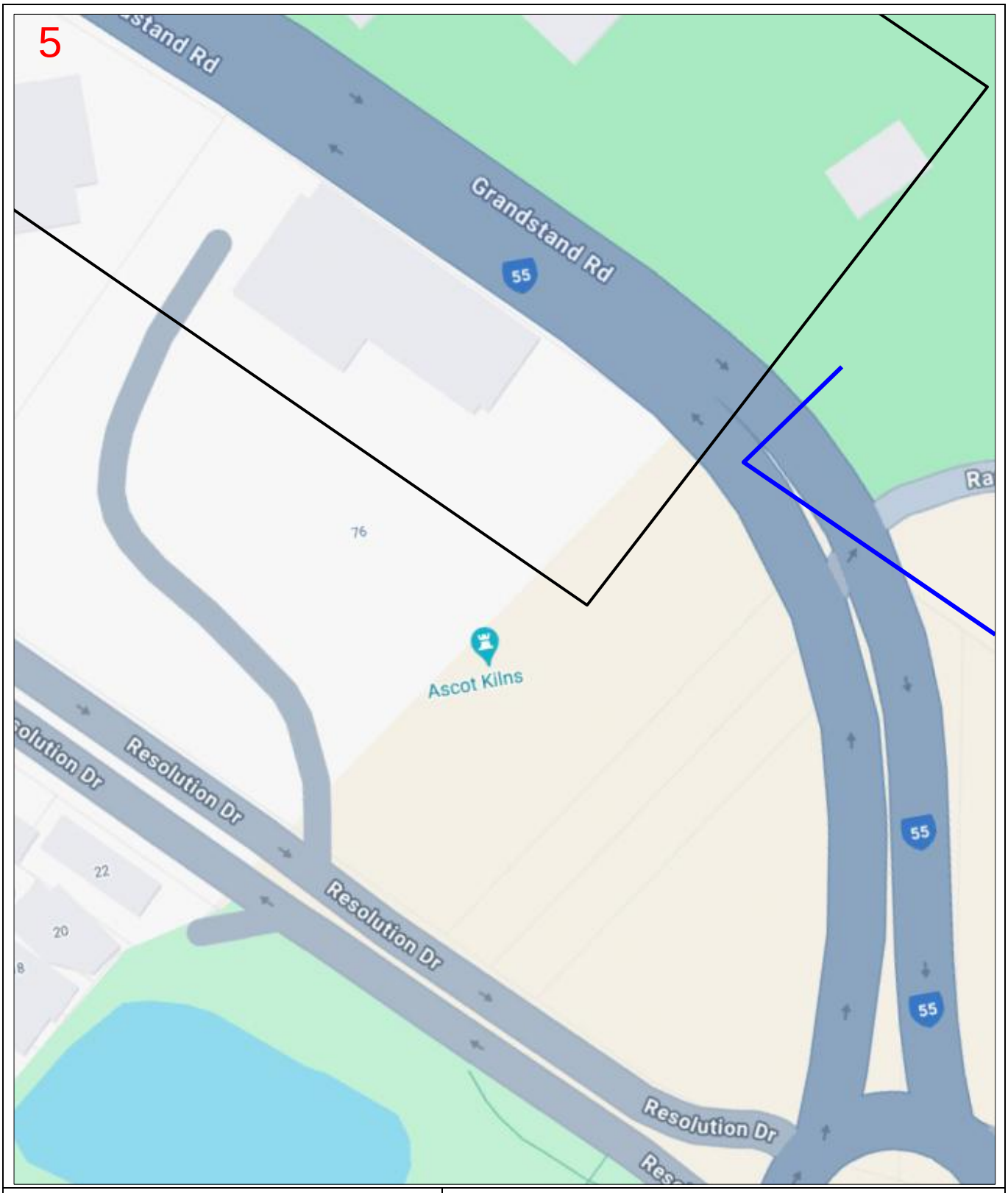
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LEGEND

BYDA Work Area			
AAPT/PowerTel Pit		TransACT Pit	
AAPT/PowerTel Duct		TransACT Duct	
DDA Pit		SOUL Pattinson Telecoms Pit	
DDA Duct		SOUL Pattinson Telecoms Duct	
Agile/Adam Pit		PIPE Networks Pit	
Agile/Adam Duct		PIPE Networks Duct	

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240936711

Map Sheet: 5

Scale: 1: 750

0 0.008km

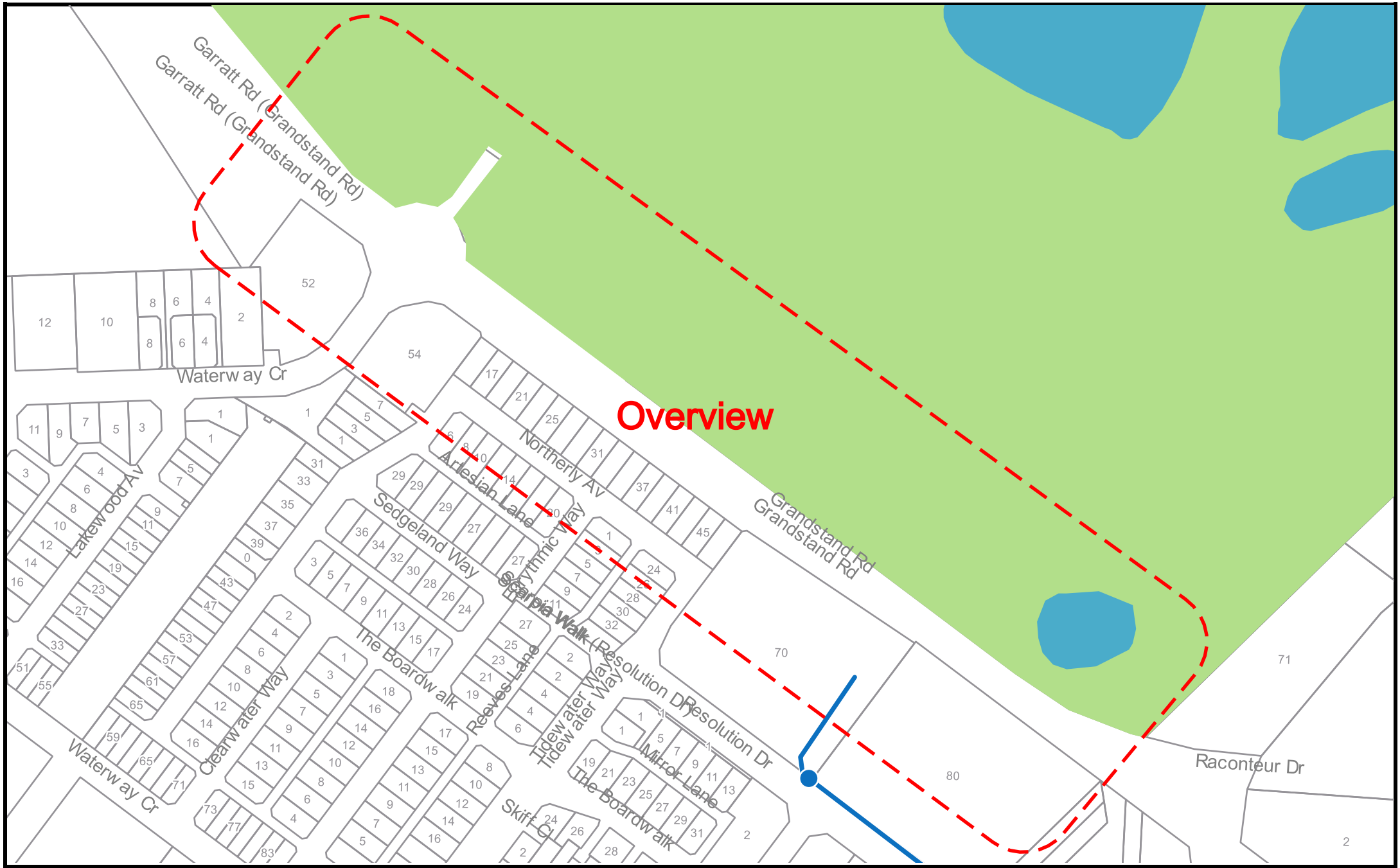
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LEGEND

BYDA Work Area			
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AAPT/PowerTel Duct		TransACT Duct	
DDA Pit		SOUL Pattinson Telecoms Pit	
DDA Duct		SOUL Pattinson Telecoms Duct	
Agile/Adam Pit		PIPE Networks Pit	
Agile/Adam Duct		PIPE Networks Duct	

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



SEQUENCE NUMBER: 240936710
JOB NUMBER: 36968397
ADDRESS: 39 Northerly Avenue, Ascot, WA 6104

Document Set ID: 5883123
Version: 1, Version Date: 18/09/2024

The Vocus Group includes related bodies corporate of Vocus Communications Limited ACN 084 115 499.



Overview

WATER CORPORATION

Scale:	1:3075
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

N

Water

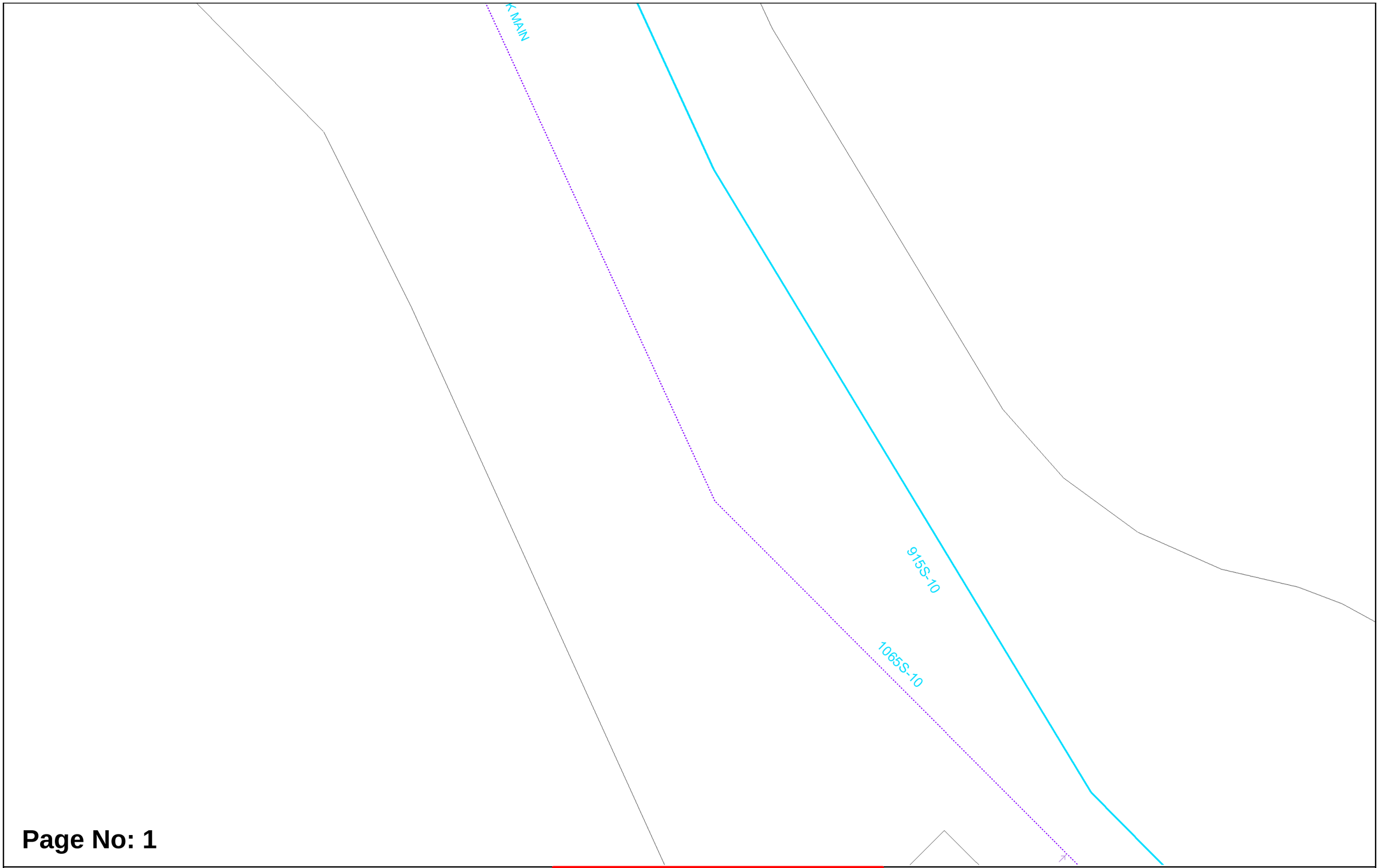
WARNING ASSET PROTECTION APPROVAL MAY BE REQUIRED

Apply for approval to work near our assets at:

Working near assets (watercorporation.com.au)

Unauthorised work within prescribed proximities of Water Corporation Assets is prohibited.

The Water Corporation has taken due care in the preparation of this map but accepts no responsibility for any inaccuracies or inappropriate use. This plan may be reproduced in its entirety for the purpose of site work planning but shall not otherwise be altered or published in any form without the permission of the Water Corporation. The Water Corporation may need to be advised of any planned ground disturbing activities near facilities on this map. Refer to Brochure - "Protecting Buried Pipelines". Please report any inaccuracies to Asset Registration Team by email to asset.registration@watercorporation.com.au.



Page No: 1

WATER CORPORATION

Scale:	1:750
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

N

Water

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Page No: 2

WATER CORPORATION

Scale:	1:750
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

N

Water

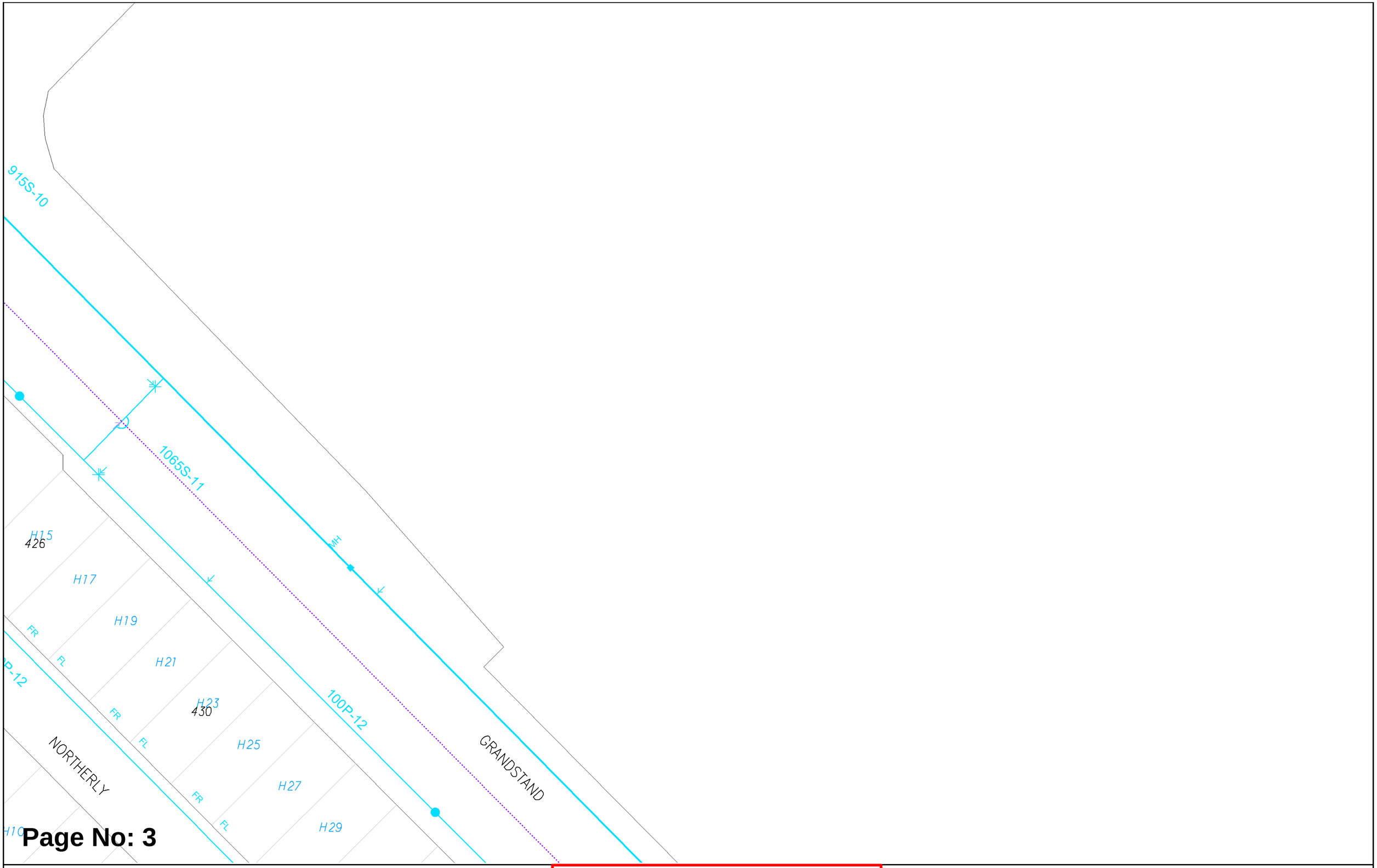
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Page No: 3

WATER CORPORATION

Scale:	1:750
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

N

Water

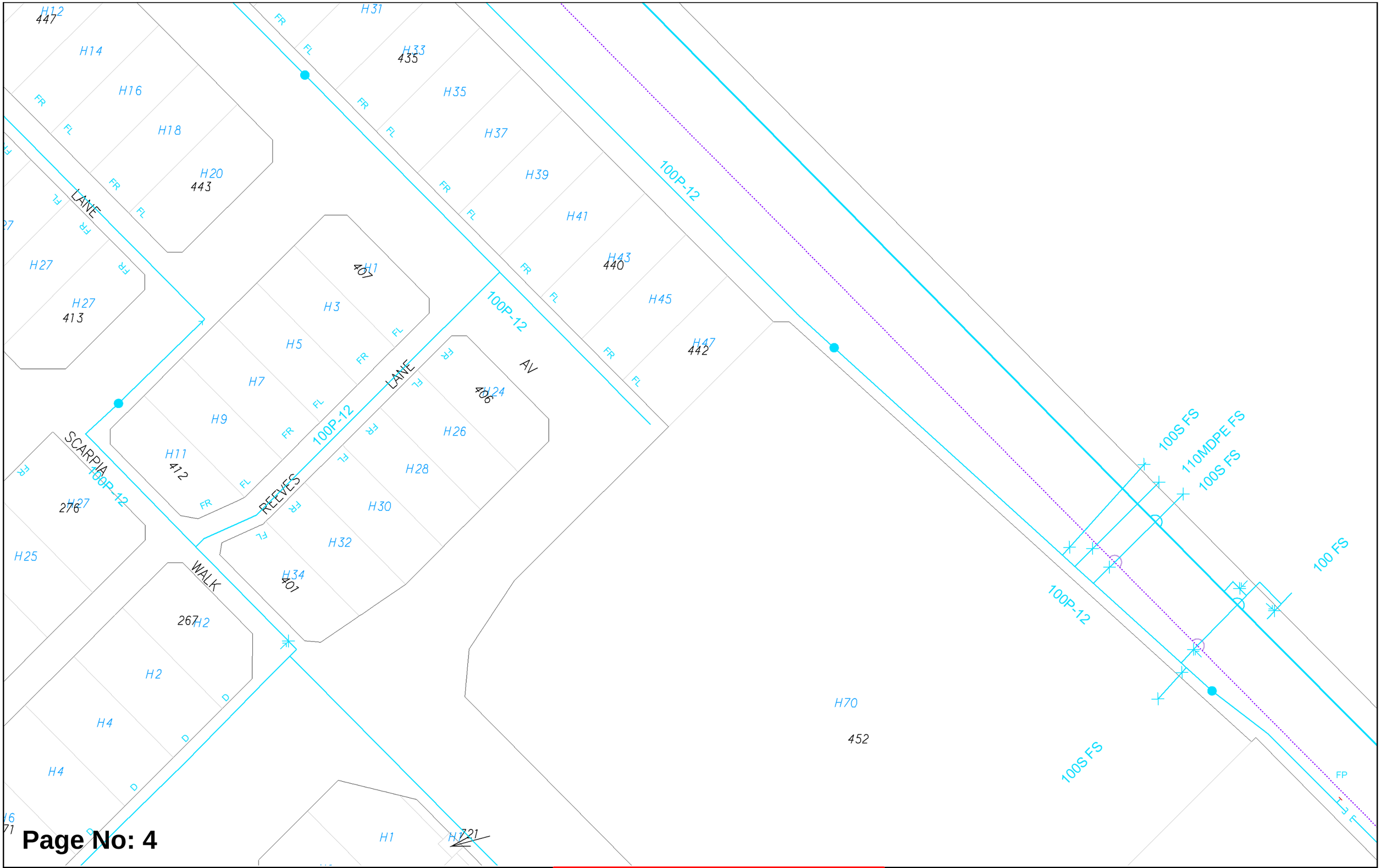
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Page No: 4

WATER CORPORATION

Scale:	1:750
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

N

Water

WARNING ASSET PROTECTION APPROVAL MAY BE REQUIRED

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Page No: 5

Scale:	1:750
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

Water

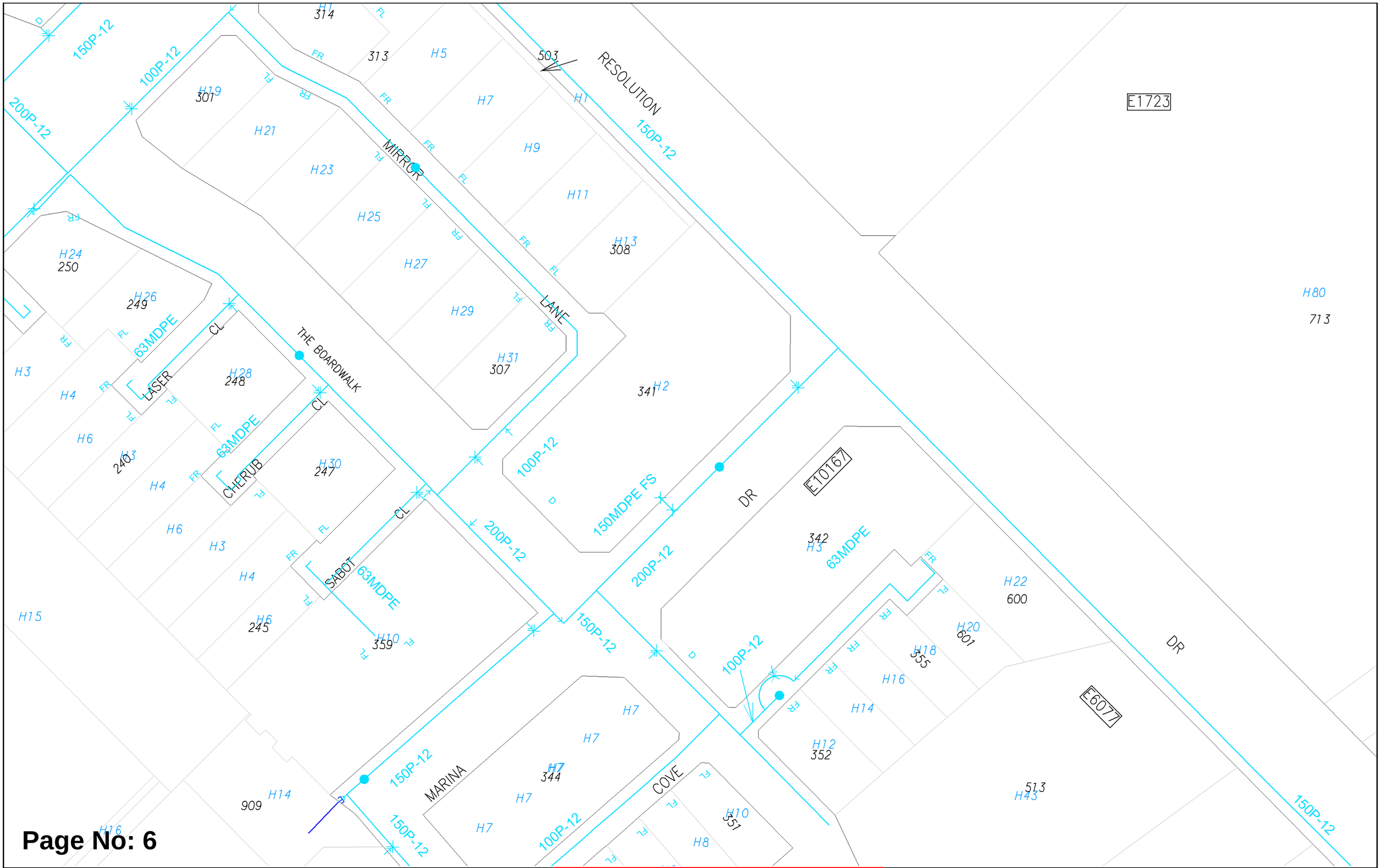
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Working near assets (watercorporation.com.au)

Unauthorised work within prescribed proximities of Water Corporation Assets is prohibited.

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Page No: 6

WATER CORPORATION

Scale:	1:750
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

Water

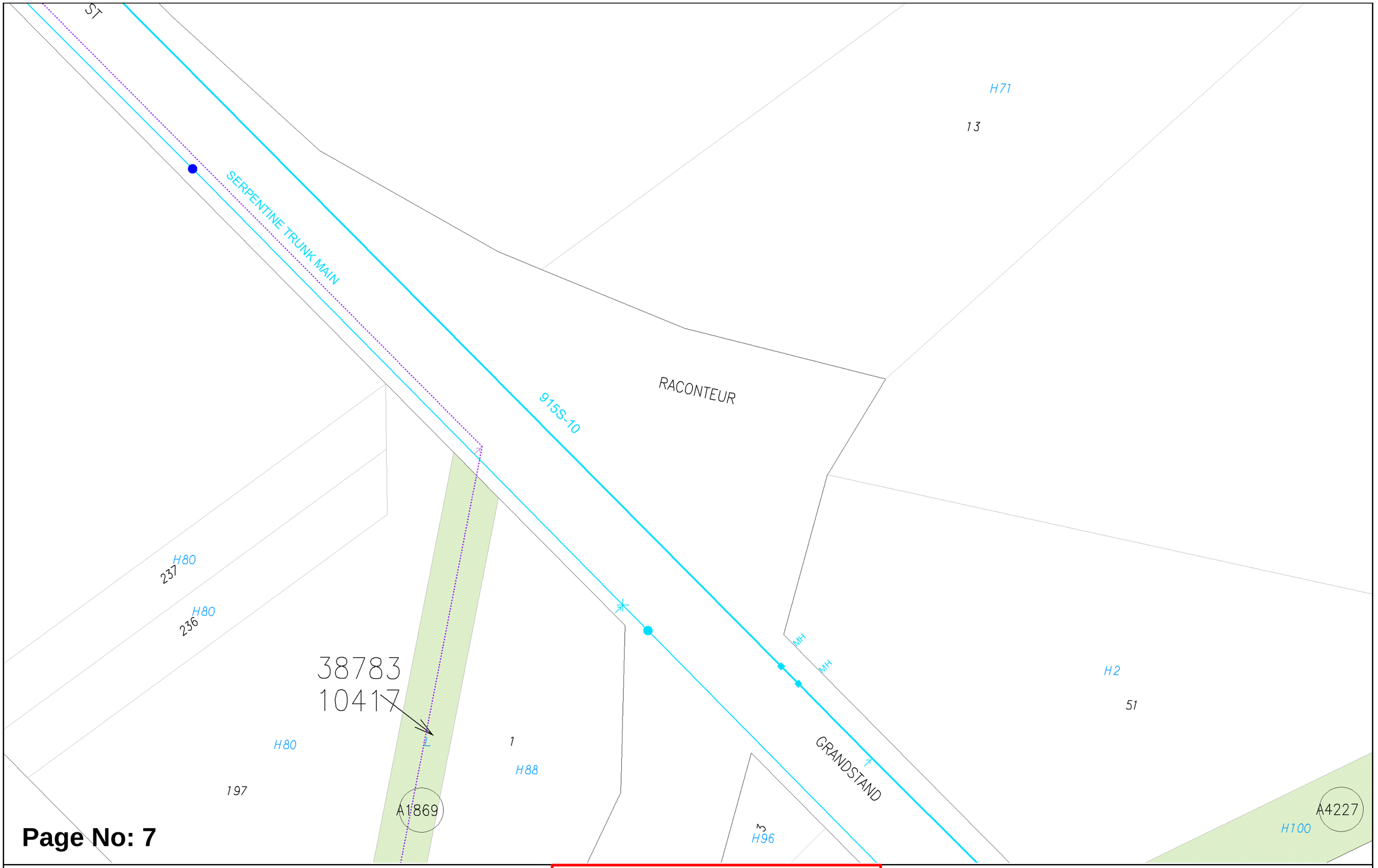
WARNING ASSET PROTECTION APPROVAL MAY BE REQUIRED

Apply for approval to work near our assets at:

Working near assets (watercorporation.com.au)

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Page No: 7

WATER CORPORATION

Scale:	1:750
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

N

Water

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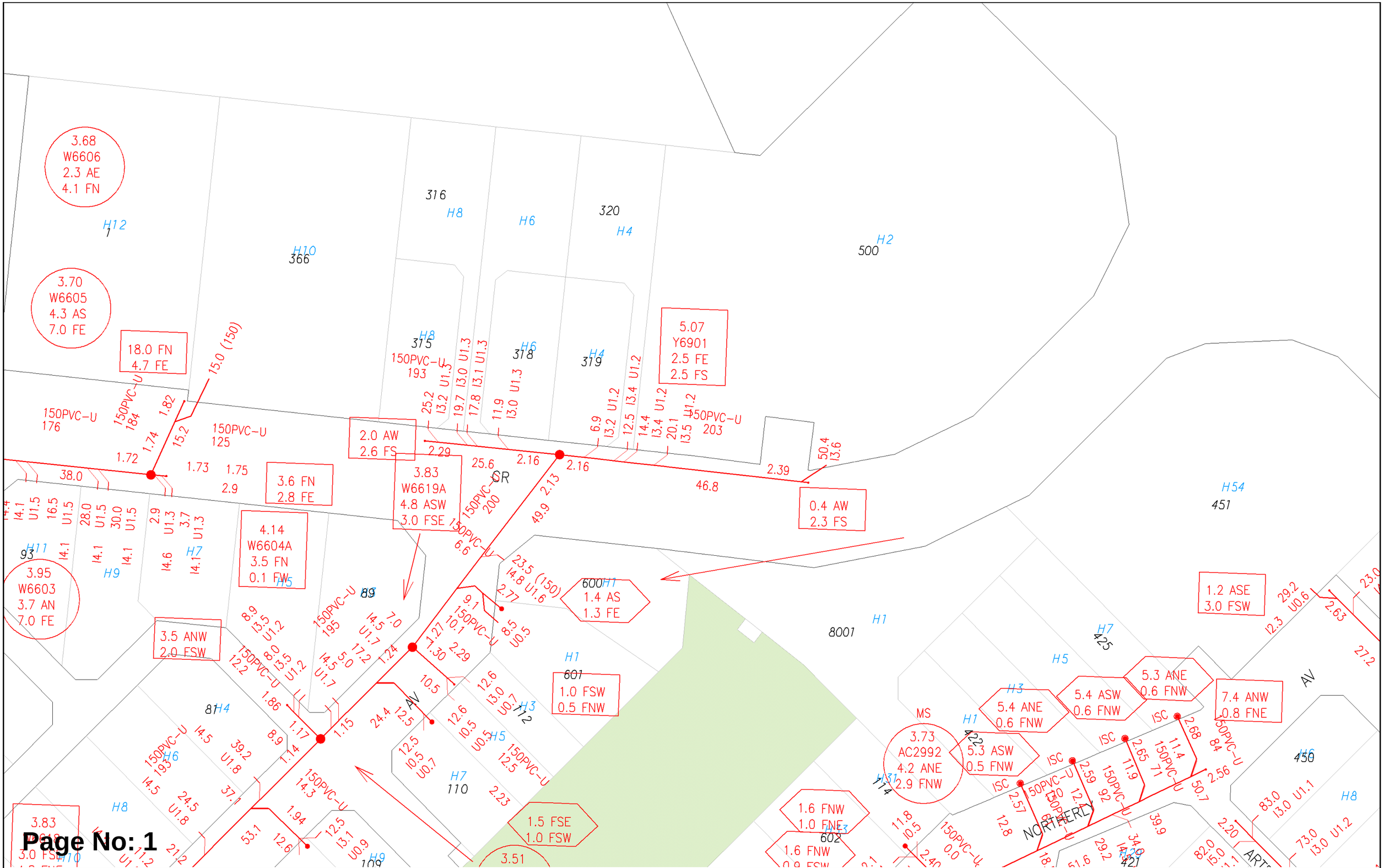
Overview

WATER CORPORATION

Scale:	1:2790
Job No.:	36968397
Sequence No.:	240936715
Print Date:	24 Jun 2024

Sewer

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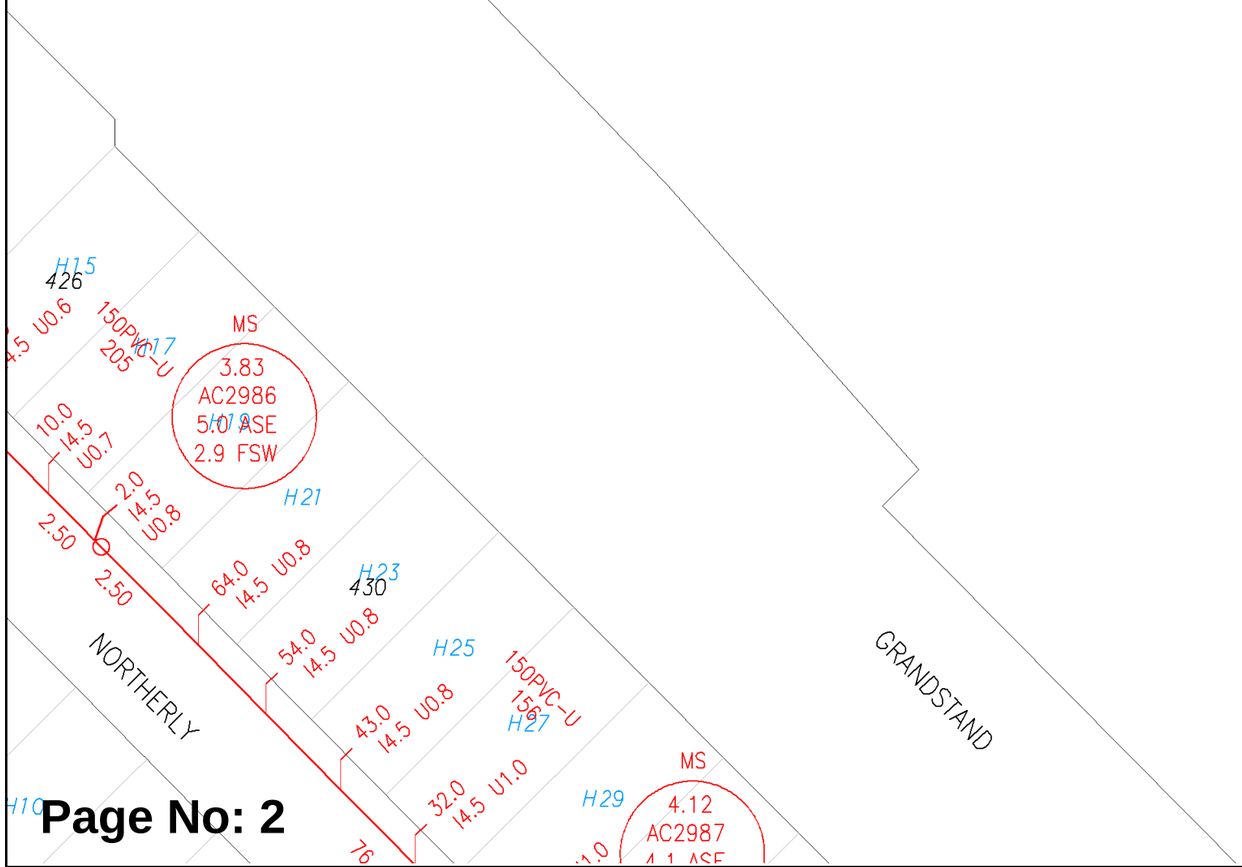
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Page No: 2

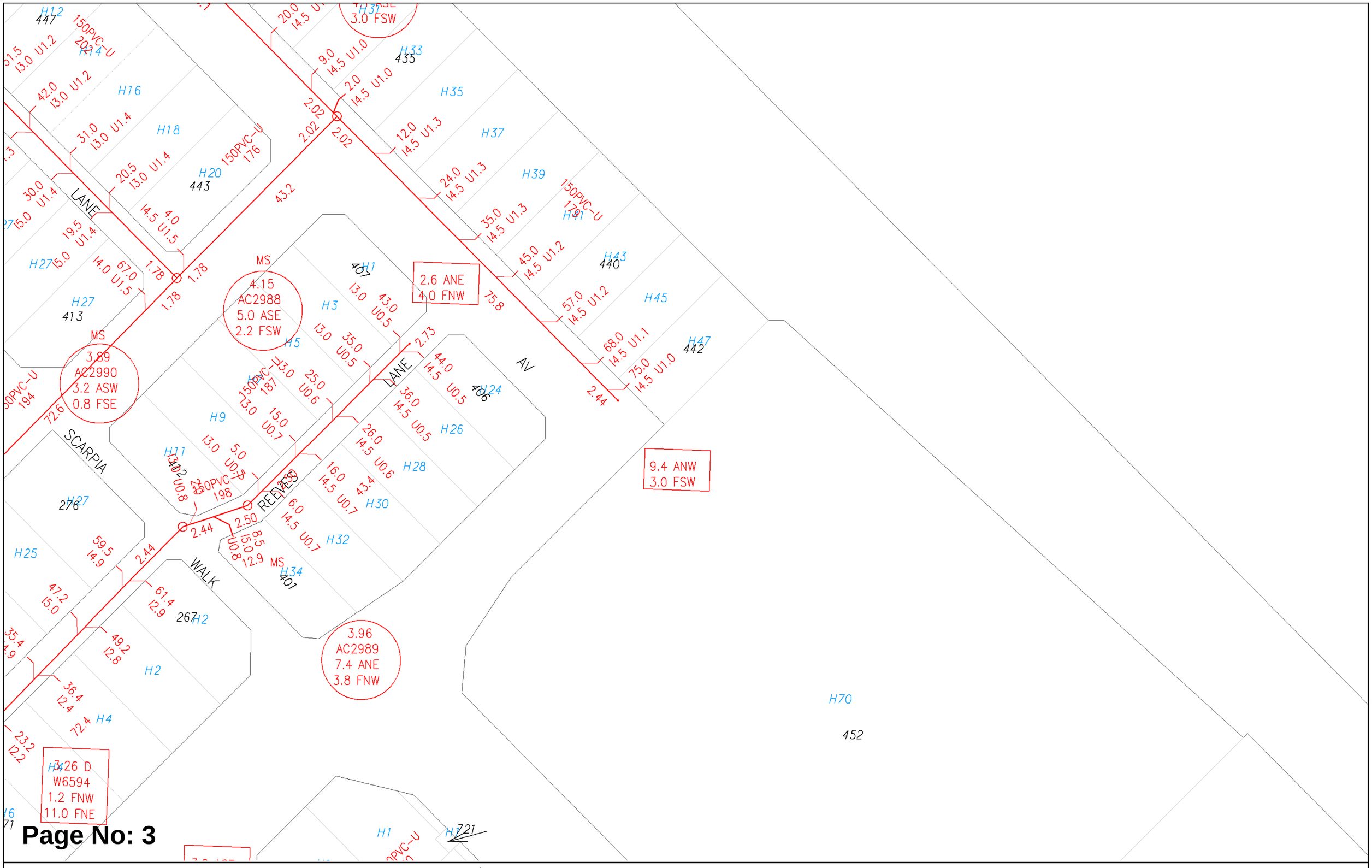
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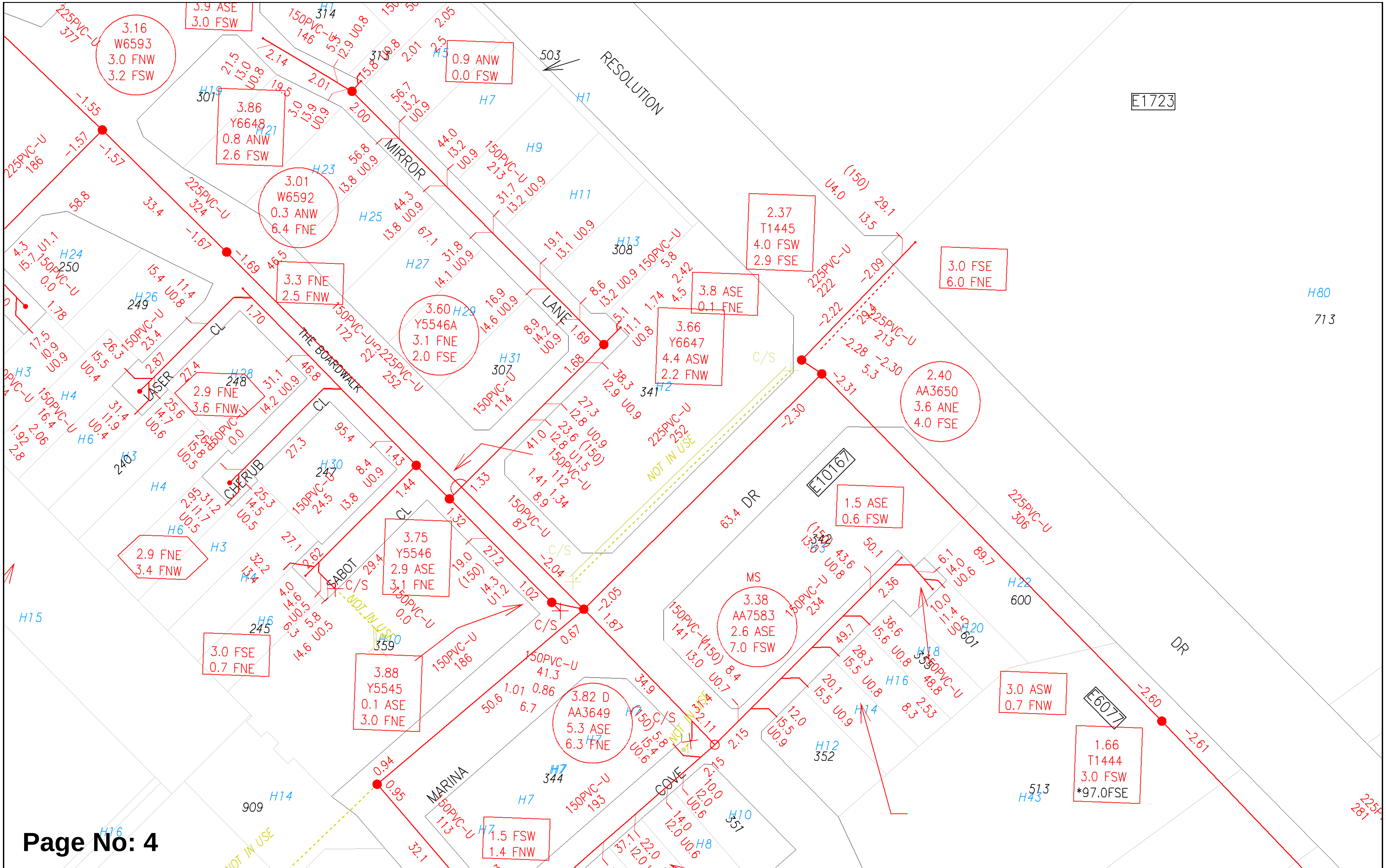


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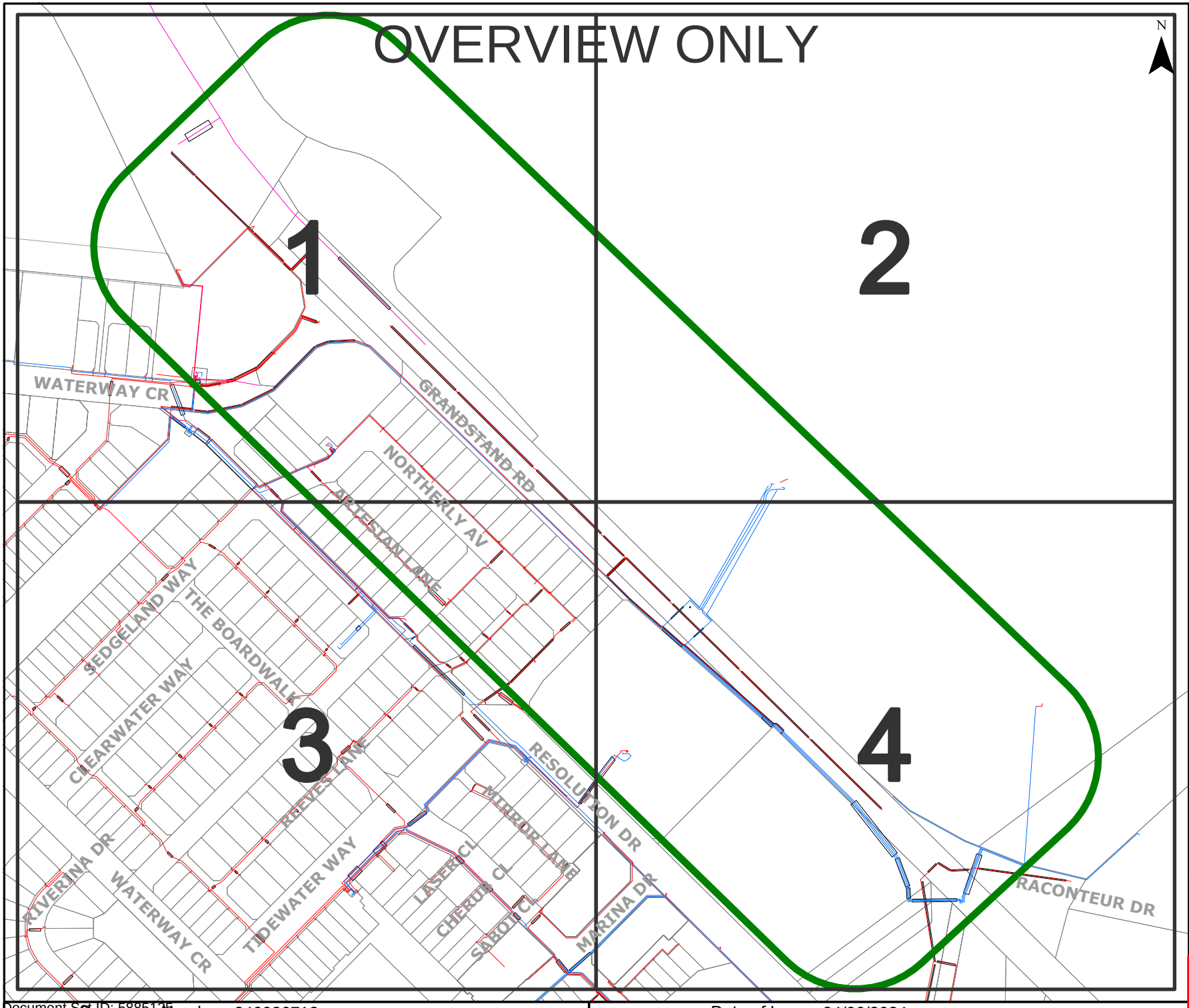


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westernpower

UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
- Street Light Circuit (< 1kV)
- Street Light Pilot (< 1kV)
- Earth Wire

Cable Pole Terminations

- HV Termination
- LV Termination

Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Hand exposure via pothole method is MANDATORY.

Telephone Support: 1300 769 345
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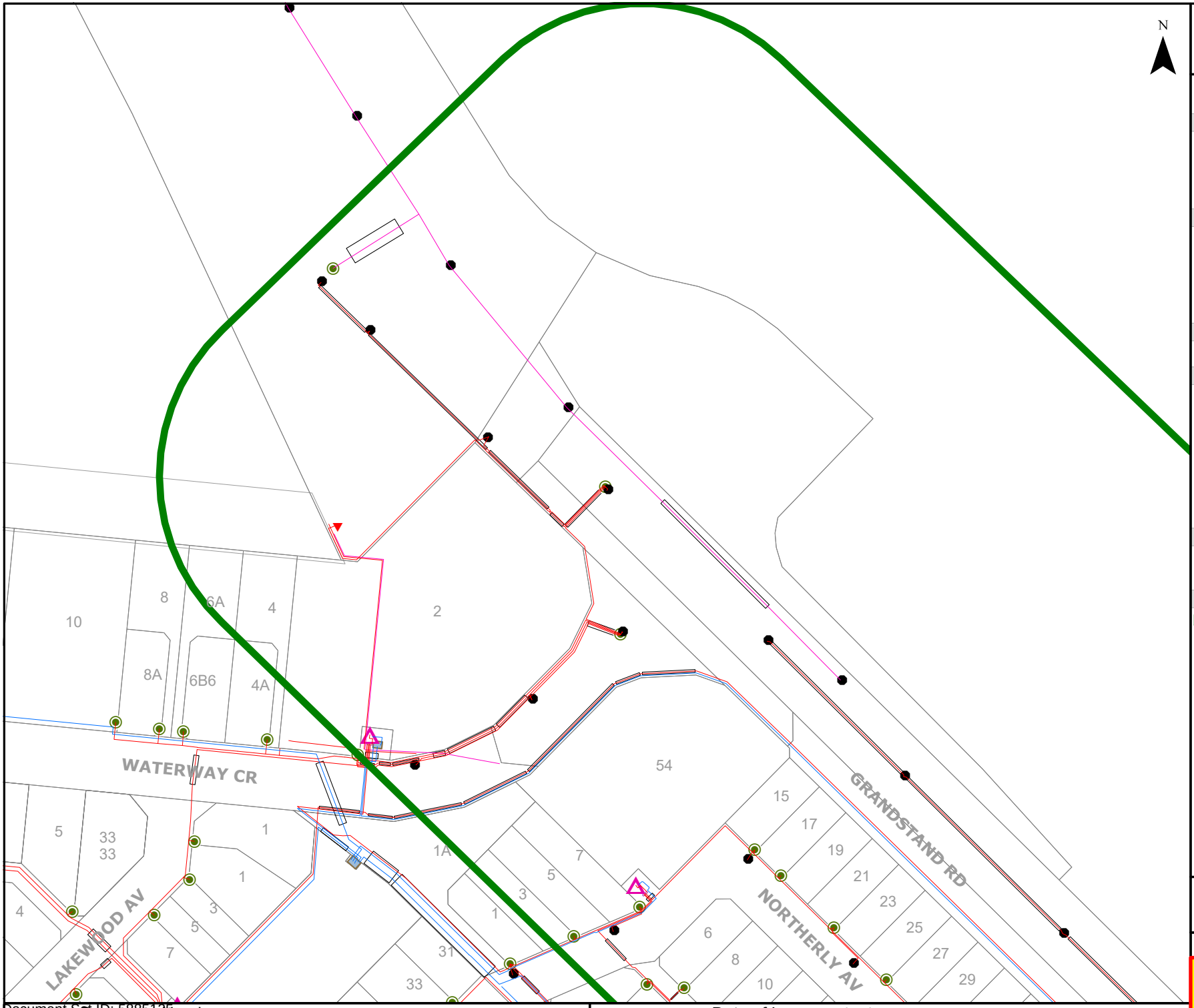
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A4 | Scale : 1:3075

WARNING! Look out for overhead power lines

Sequence Number: 240936713 | Date of Issue: 24/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
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Cable Pole Terminations

- HV Termination
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Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
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- HV Termination
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State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

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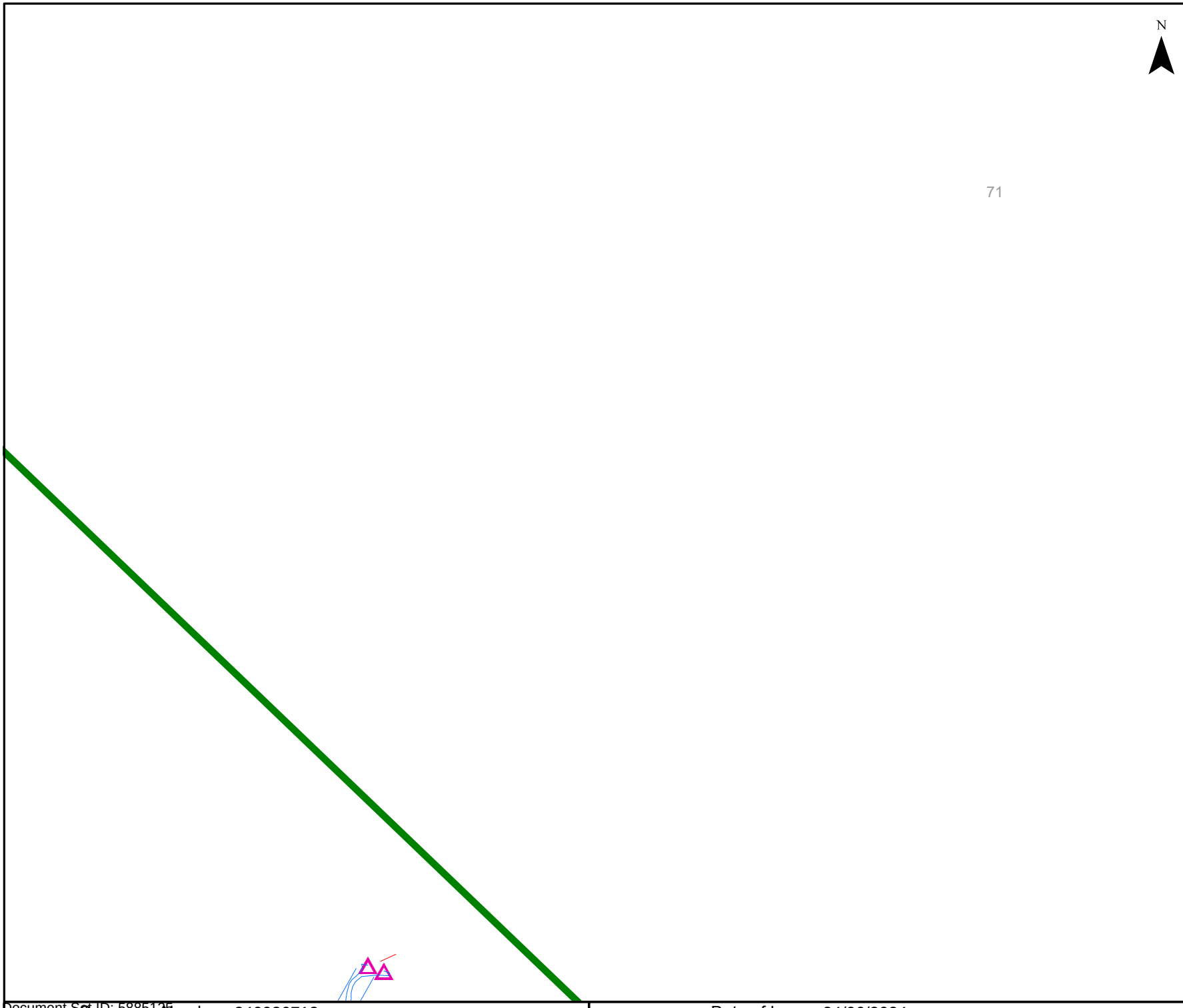
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Sequence Number: 240936713

Date of Issue: 24/06/2024

Document Set ID: 5885126
Version: 1, Version Date: 18/09/2024



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UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
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Cable Pole Terminations

- HV Termination
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Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

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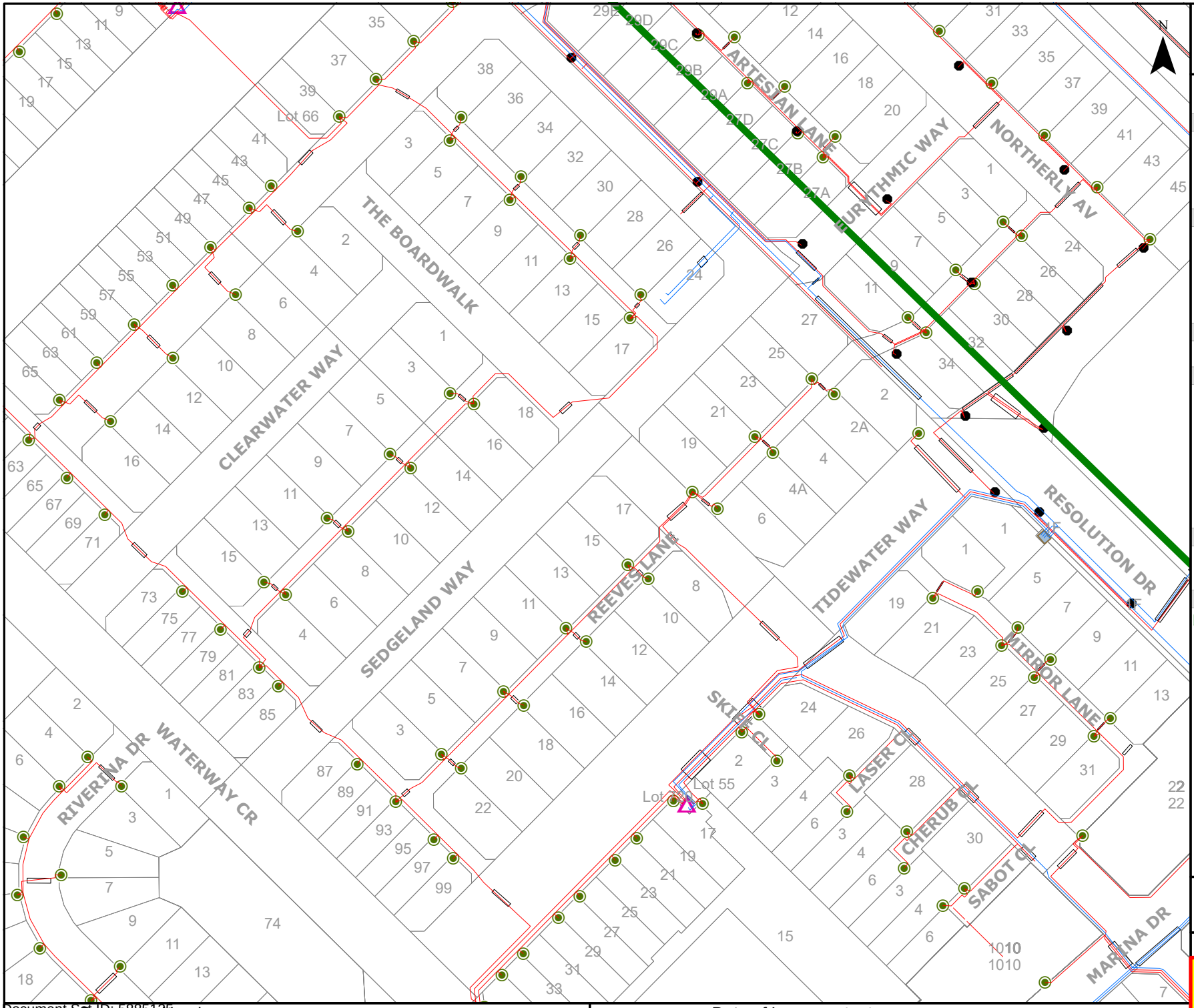
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Version: 1, Version Date: 18/09/2024



westernpower

UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
- Street Light Circuit (< 1kV)
- Street Light Pilot (< 1kV)
- Earth Wire

Cable Pole Terminations

- HV Termination
- LV Termination

Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

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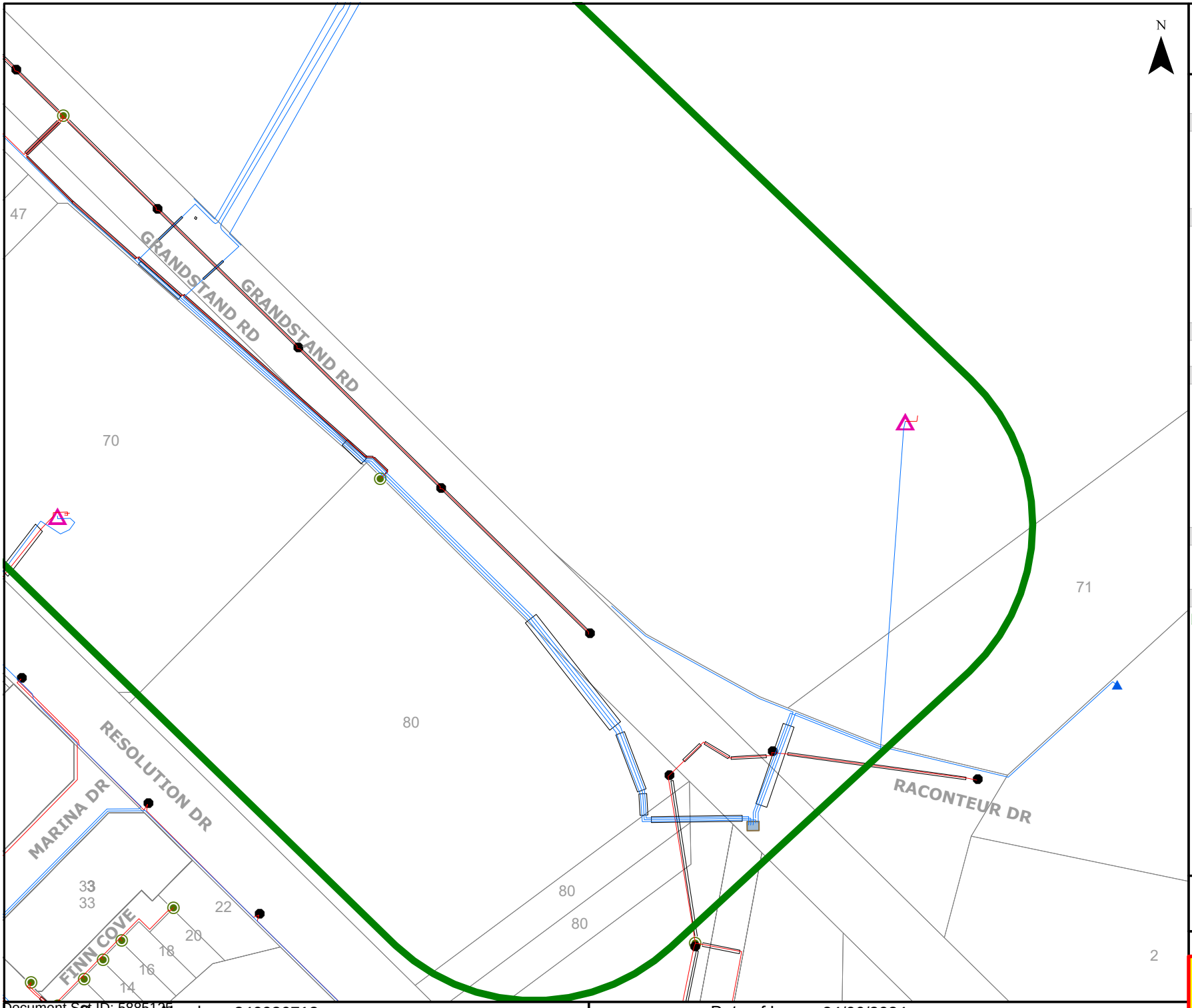
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westernpower

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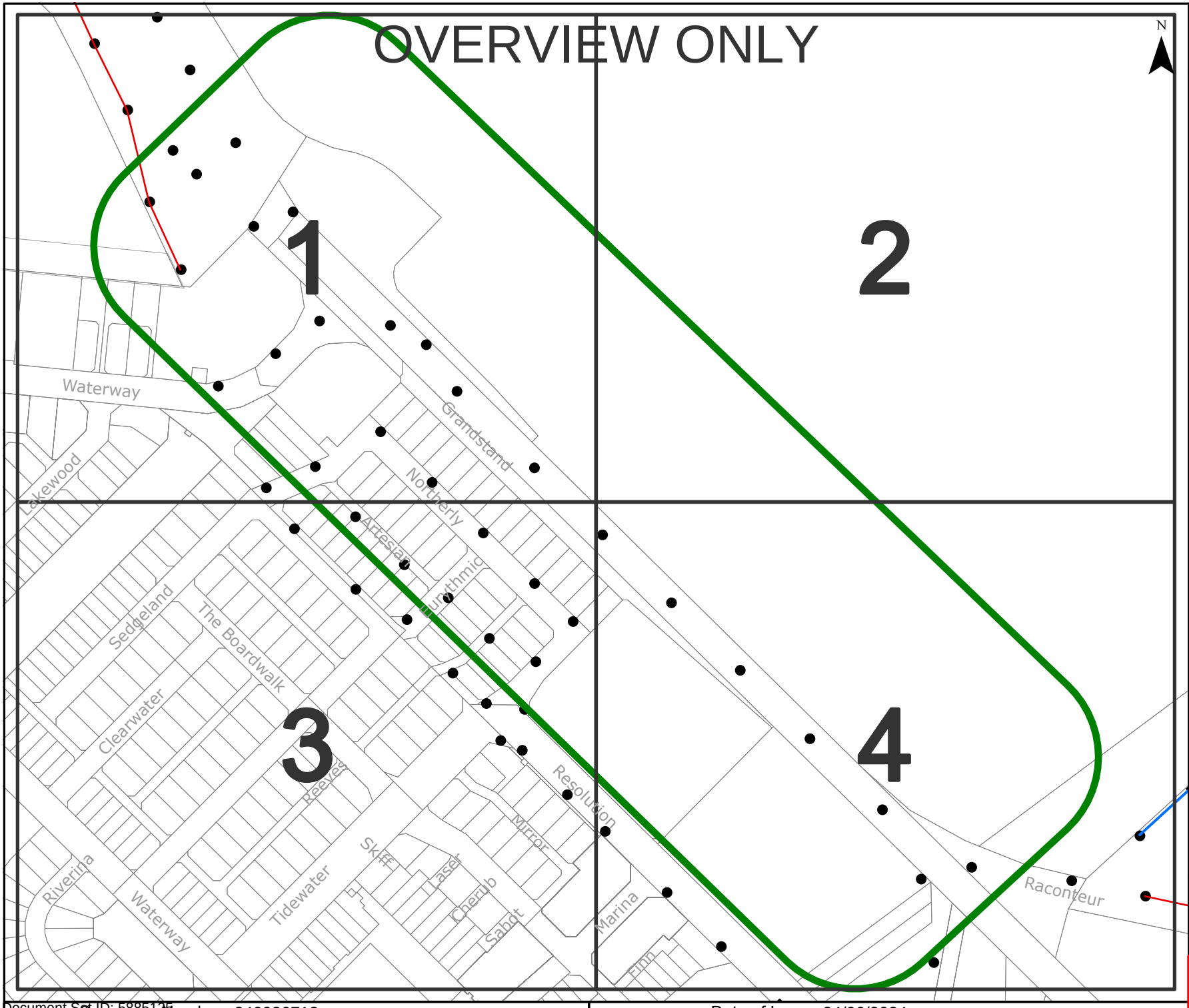
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westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

*** Please refer to coversheet**

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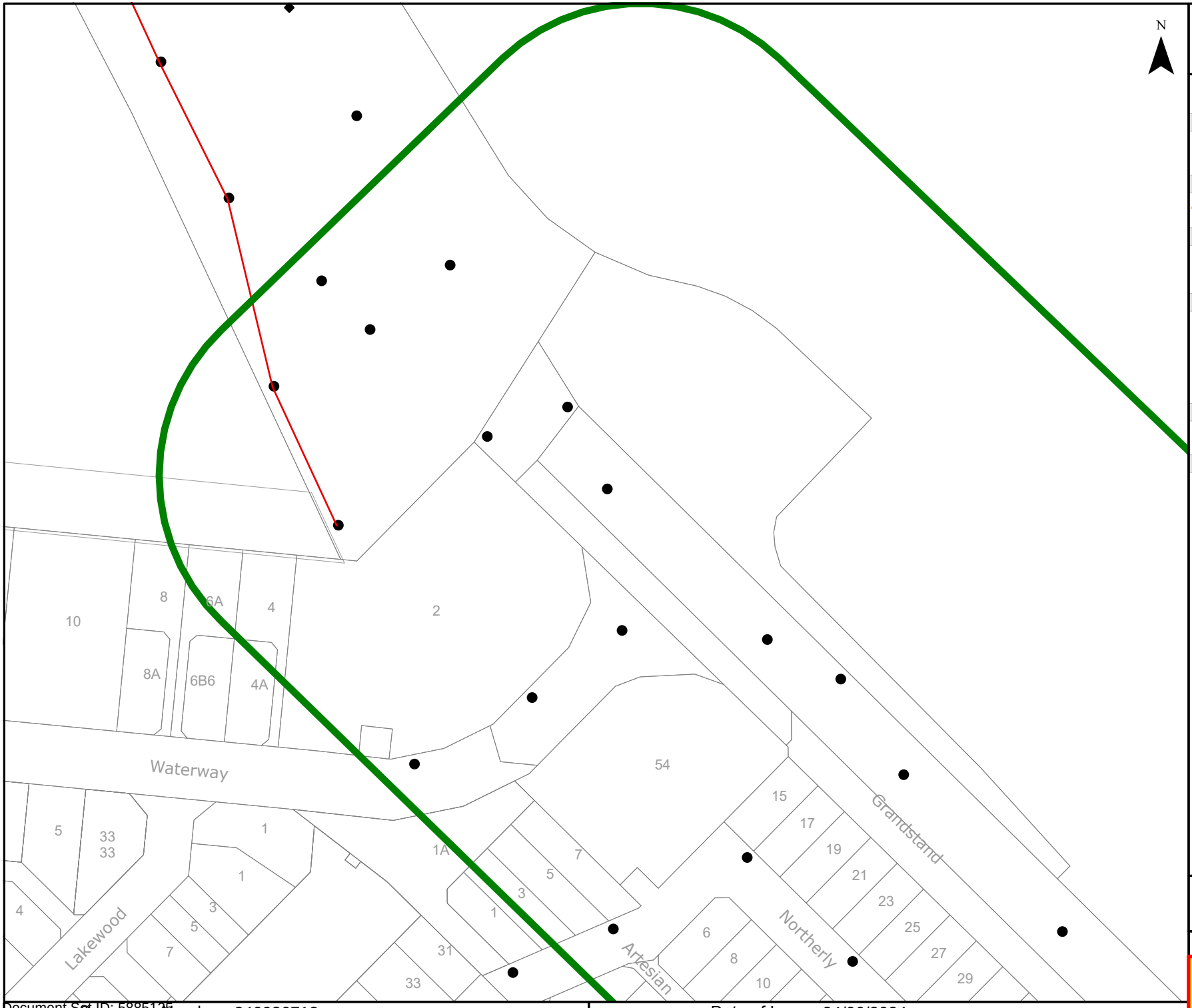
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Date of Issue: 24/06/2024

Document Set ID: 5885126
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

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Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

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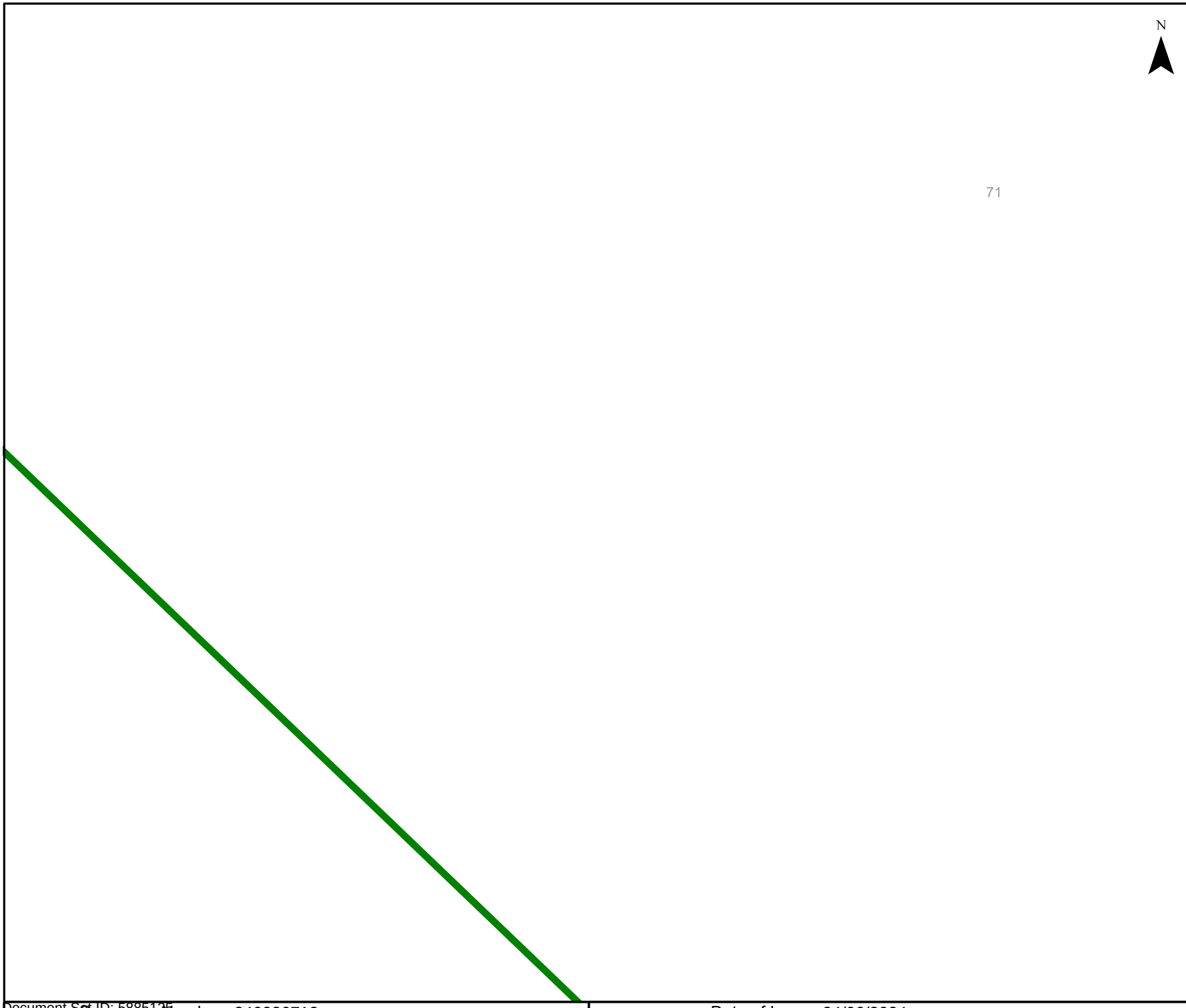
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westernpower

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Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

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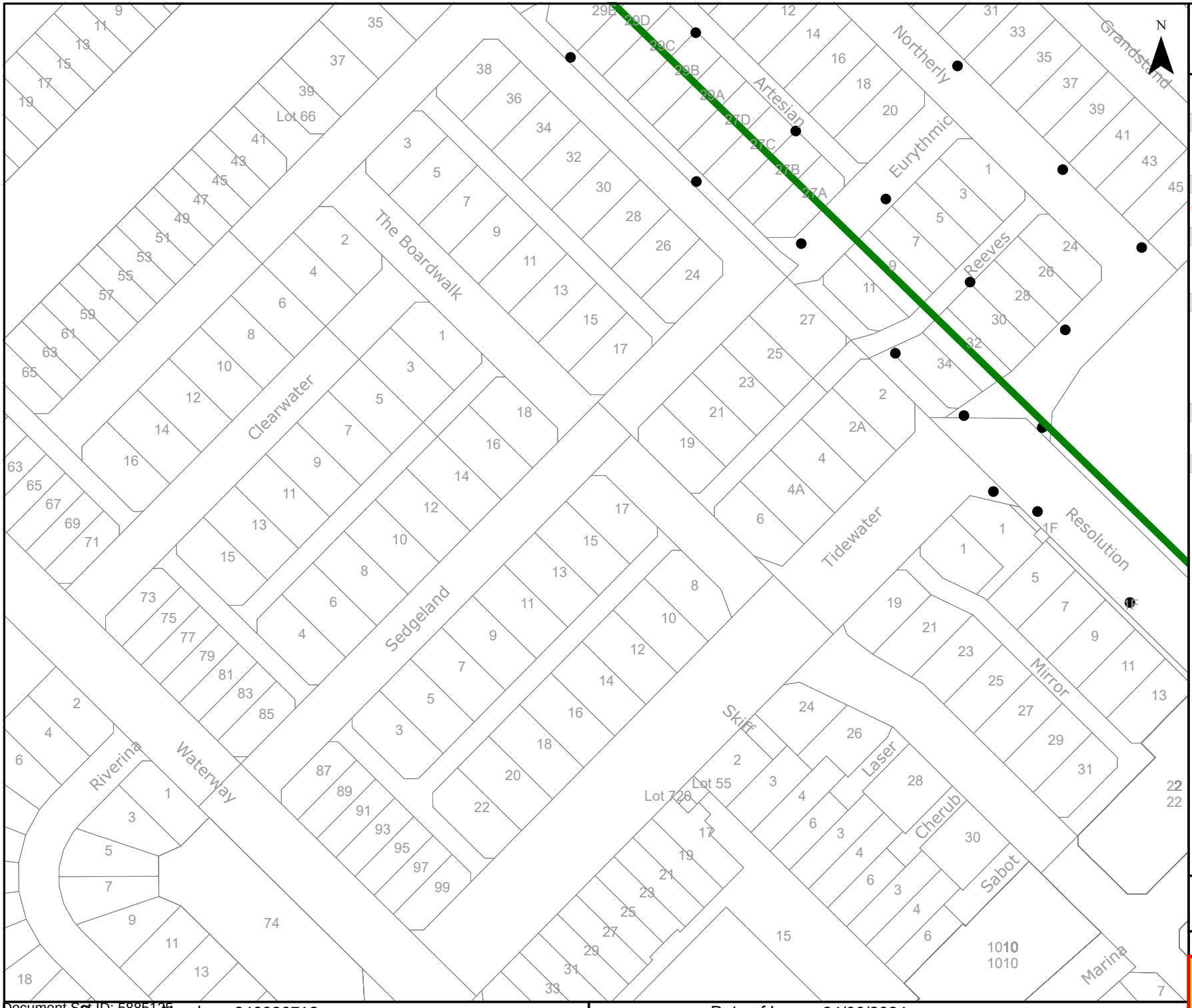
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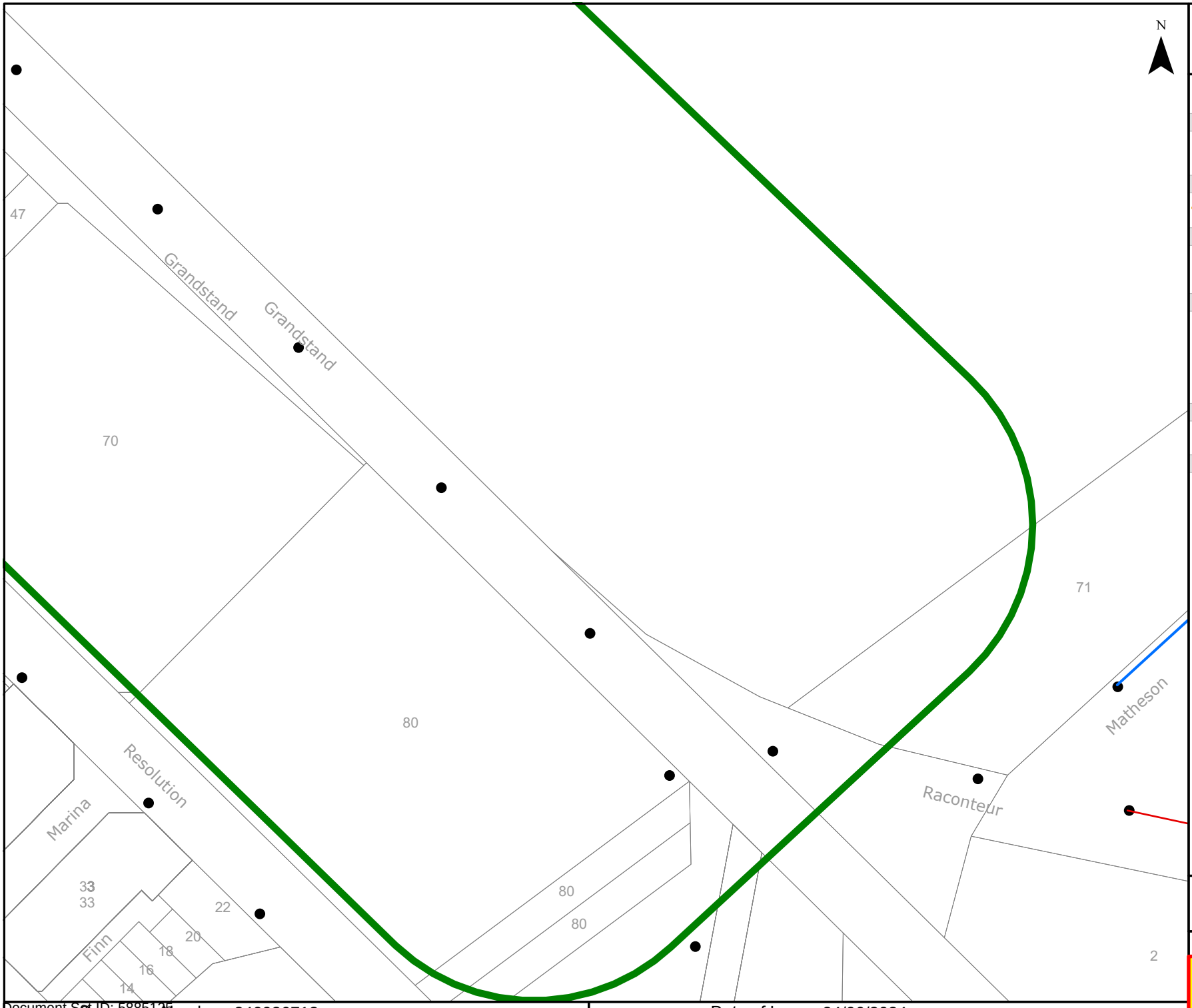
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Sequence Number: 240936713

Date of Issue: 24/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
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Proposed Construction Assets

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- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

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Sequence Number: 240936713

Date of Issue: 24/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

Job No 36962214

byda.com.au

Contact Details

Contact	Contact number	Company	Enquirer ID
Justin Zielinski	0420 304 451	-	3140642

Email
jzielinski@tabec.com.au

Address
54 Havelock Street
West Perth WA 6005

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

Enquiry date	Start date	End date	On behalf of	Job purpose	Locations	Onsite activities
21/06/2024	24/06/2024	24/06/2024	Private	Design	Both Road	Subdivision



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

User Reference	Address	Notes/description
Precinct A	75 Grandstand Road Ascot WA 6104	-

Your Responsibility and Duty of Care

- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the Privacy Policy and Term of Use.
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
240900419	ATCO Gas Australia	1300 926 755	NOTIFIED
240900415	NBN Co (WA)	1800 687 626	NOTIFIED
240900413	Optus (WA)	1800 505 777	NOTIFIED
240900417	Telstra (WA)	1800 653 935	NOTIFIED
240900414	TPG Telecom (WA)	1800 786 306	NOTIFIED
240900418	Water Corporation	13 13 95	NOTIFIED
240900416	Western Power	13 10 87	NOTIFIED

END OF UTILITIES LIST

Document Set ID: 9885128
Version: 1, Version Date: 18/09/2024

ATCO

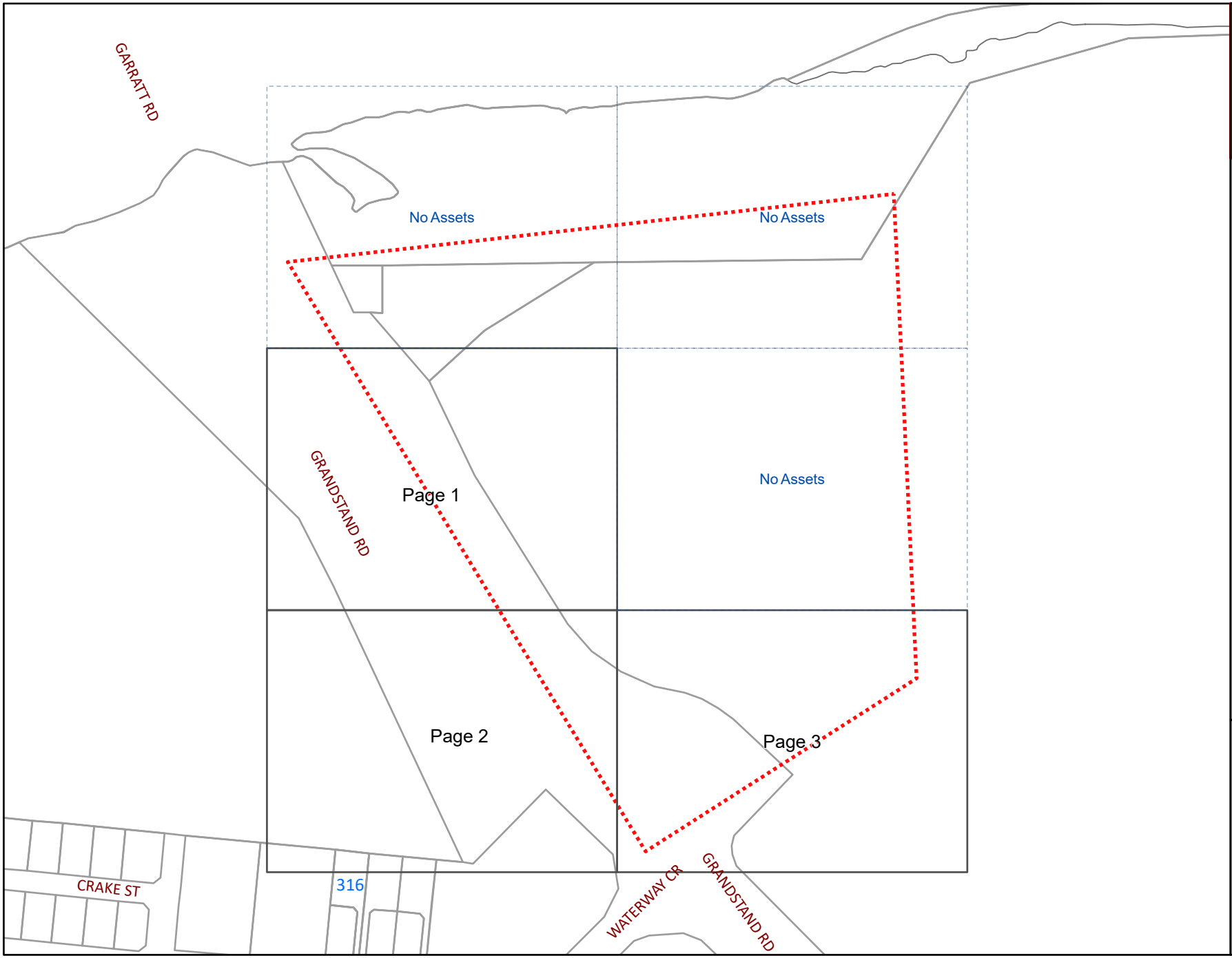
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)
Index Sheet

Seq # 240900419
Job # 36962214

BYDA Location: 75 Grandstand Road Ascot 6104
Scale: 1:2,500

BEFORE YOU DIG www.byda.com.au



WARNING
CRITICAL ASSET IN THE VICINITY.
No works within 15 meters of this asset are permitted without prior approval from ATCO.
Contact ATCO on 1300 926 755

BYDA Enquiry

Detailed map page

No Assets in the Dig Site

Please refer to Symbols Sheet for Further Information

Disclaimer:
Please read all **warnings**, conditions and information on the attached "Underground Asset Details" information sheet. This plan is issued subject to that information and those conditions and **warnings** (including, but not limited to, the "NO HOT WORKS" warning). Plans are current for only **30 days** from date of request, indicative only and not warranted to be accurate. It is your responsibility to carefully locate underground assets and follow safe work practises and procedures (eg pot-holing).
ATCO Gas Australia will seek compensation for damage caused to assets.

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ATCO

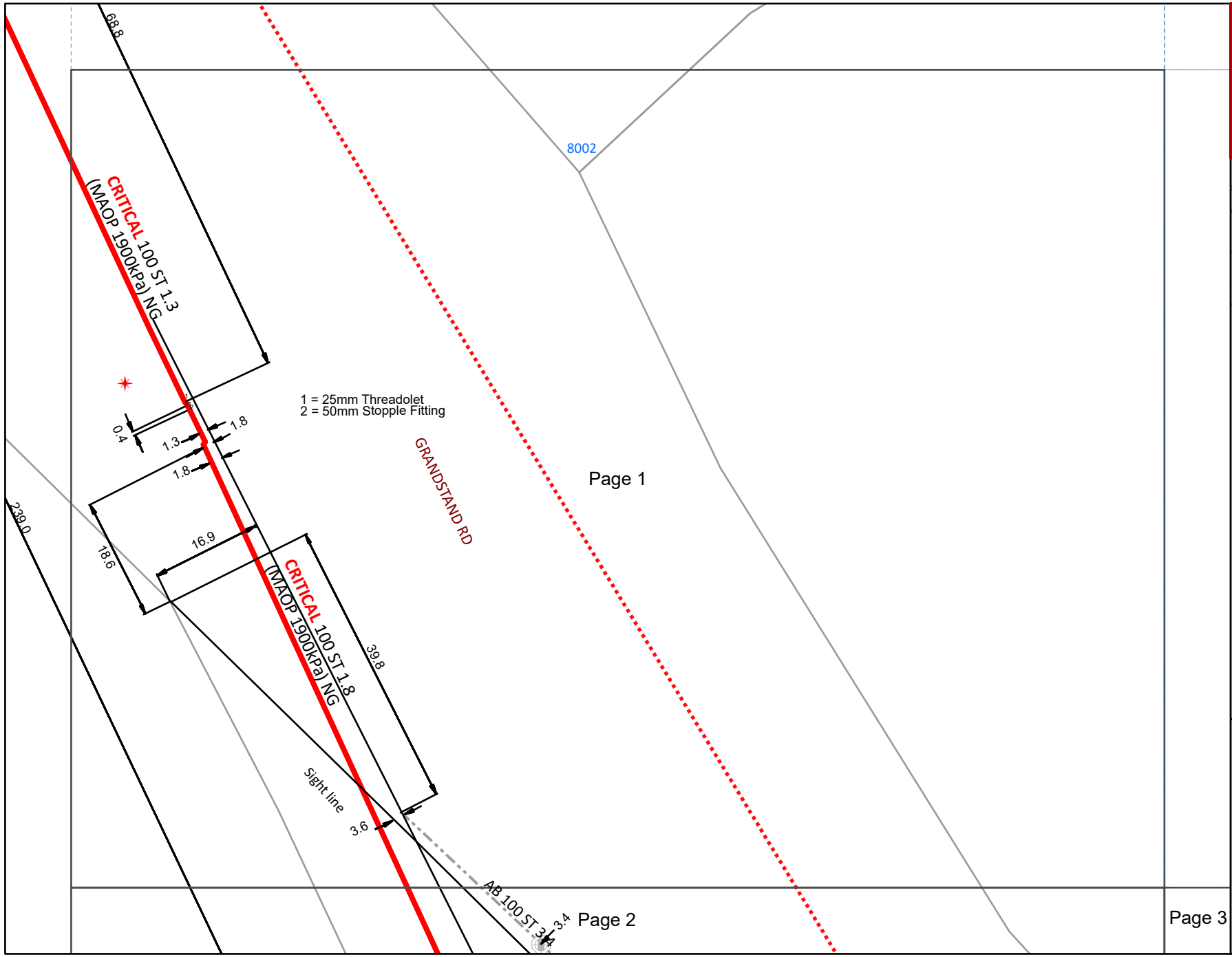
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900419
Job # 36962214

BYDA Location: 75 Grandstand Road Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



WARNING
CRITICAL ASSET IN THE VICINITY.
No works within 15 meters of this asset are permitted without prior approval from ATCO.
Contact ATCO on 1300 926 755

- BYDA Enquiry
- Transmission Pipelines MAOP > 1900kPa
- Distribution Pipelines MAOP > 500kPa ≤ 1900kPa
- Not Gassed 0kPa
- Distribution Pipe MAOP ≤ 7kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 7kPa ≤ 100kPa
- Distribution Pipe MAOP > 100kPa ≤ 350kPa
- Common Trench
- Standard Laying
- Relay Program
- Abandoned Pipe
- Abandoned Pipe Sold
- Service Pipe
- Meter
- Interval Meter
- Proposed Meter
- Removed Meter
- BL End of Main Building
- CoD End of Main on Direction Peg
- SV Gas Service
- NC Not Connected
- Obstacle
- OLS Offline Service
- See Details
- SC Side Elevation
- Sign

Please refer to Symbols Sheet for Further Information

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ATCO Gas Australia will seek compensation for damage caused to assets.

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ATCO

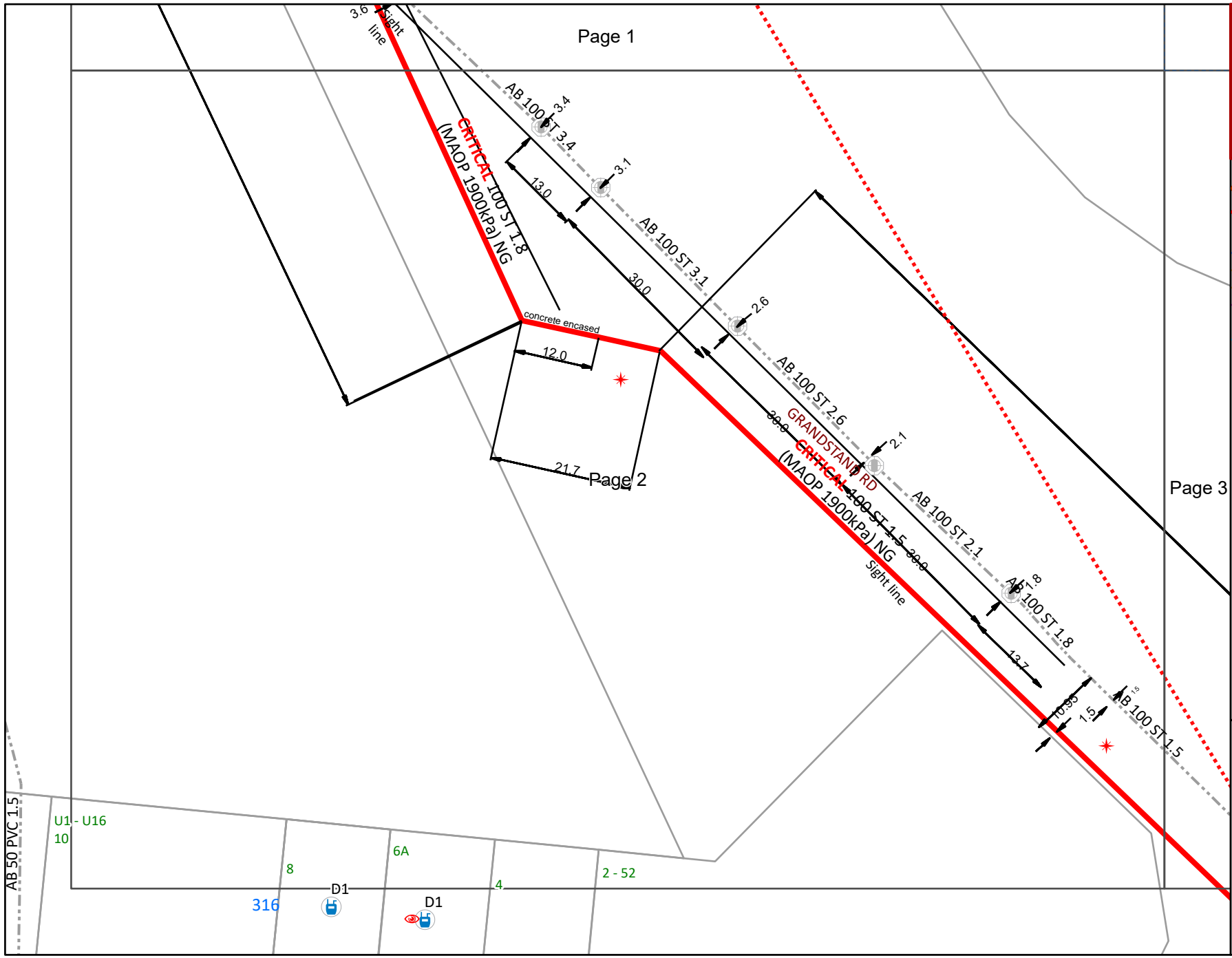
©ATCO Gas Australia Pty LTD
ABN: 90 089 531 975

Date: 21/06/24 (valid for 30 days)

Seq # 240900419
Job # 36962214

BYDA Location: 75 Grandstand Road Ascot 6104
Scale: 1:800

BEFORE YOU DIG www.byda.com.au



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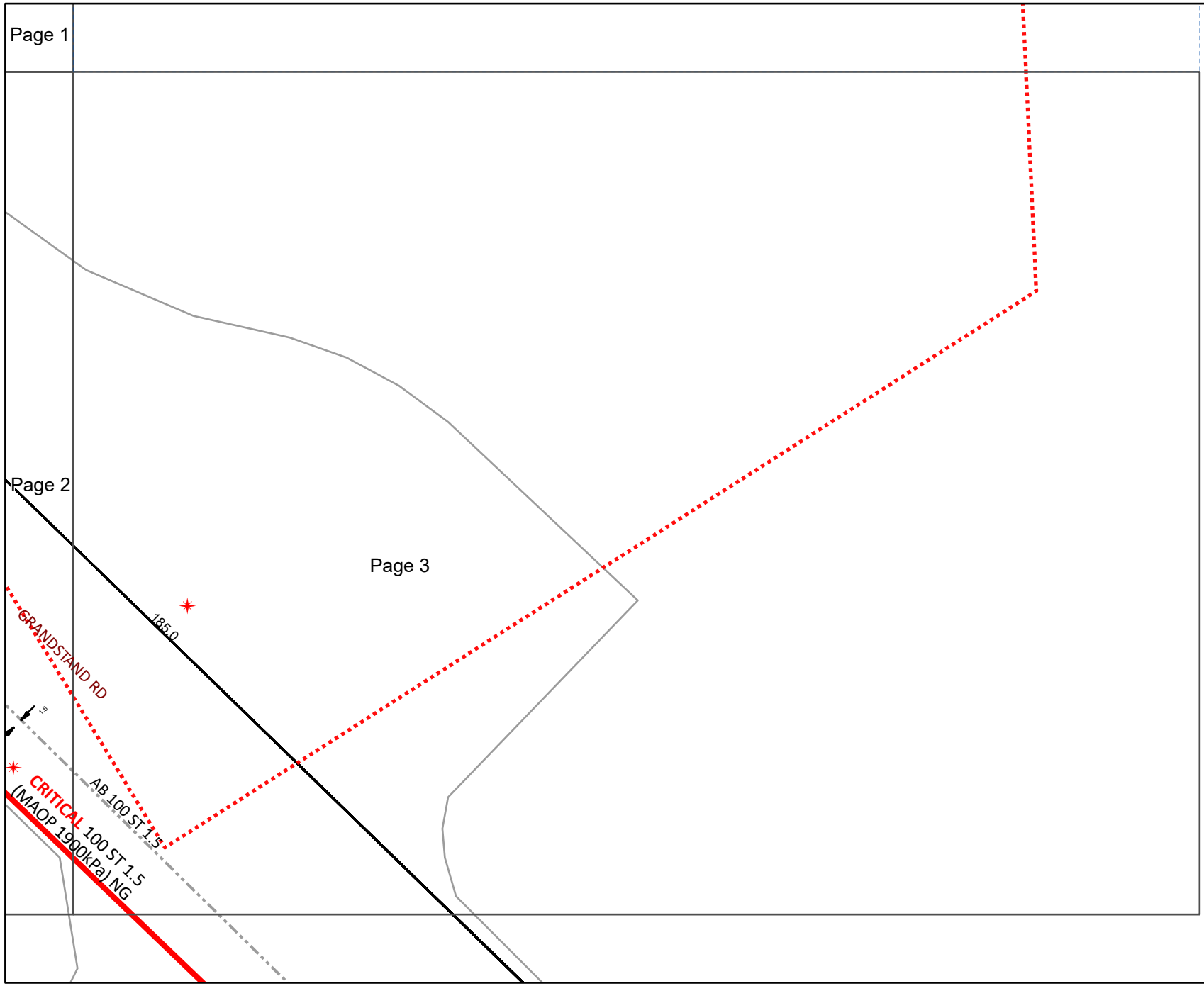
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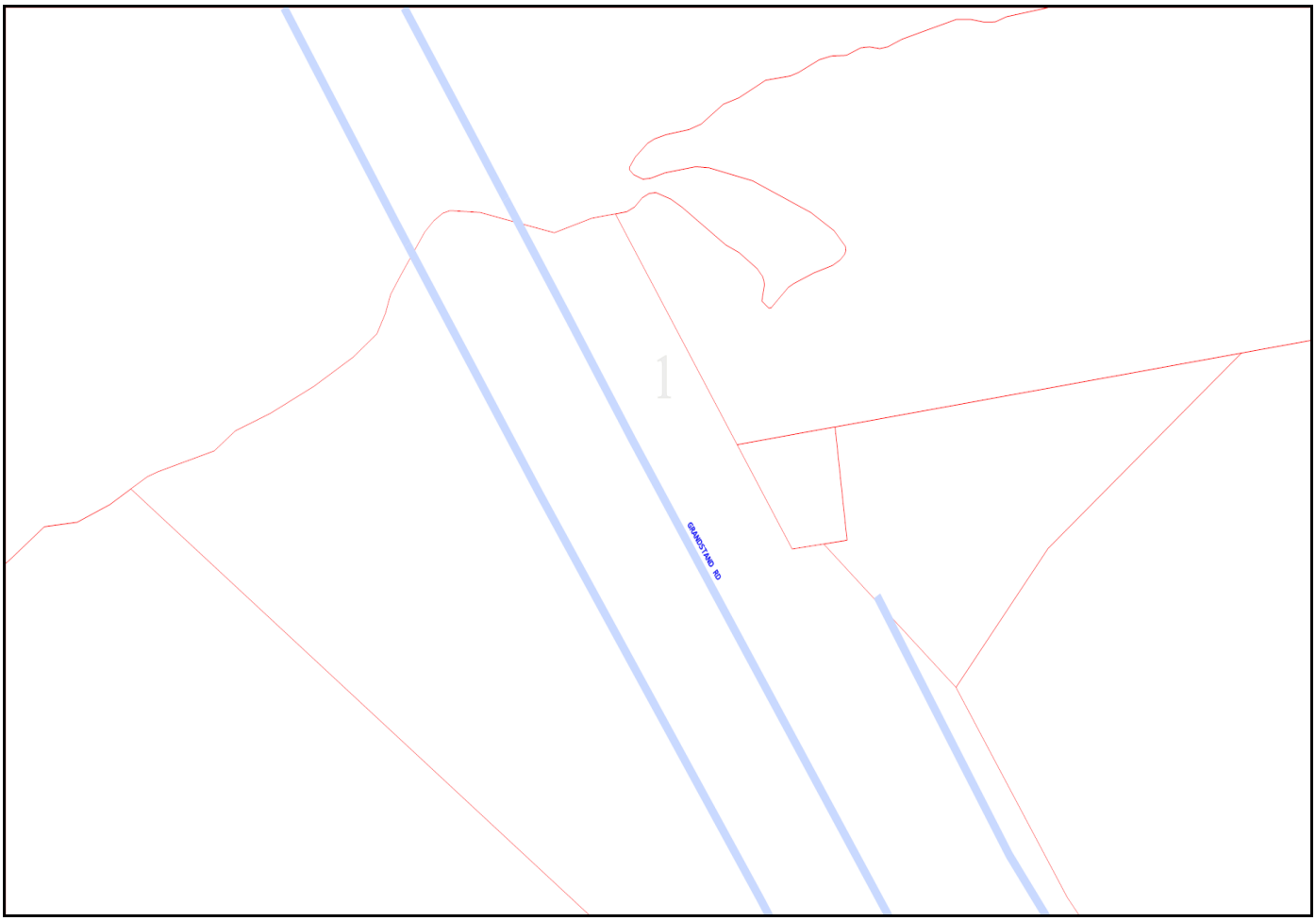
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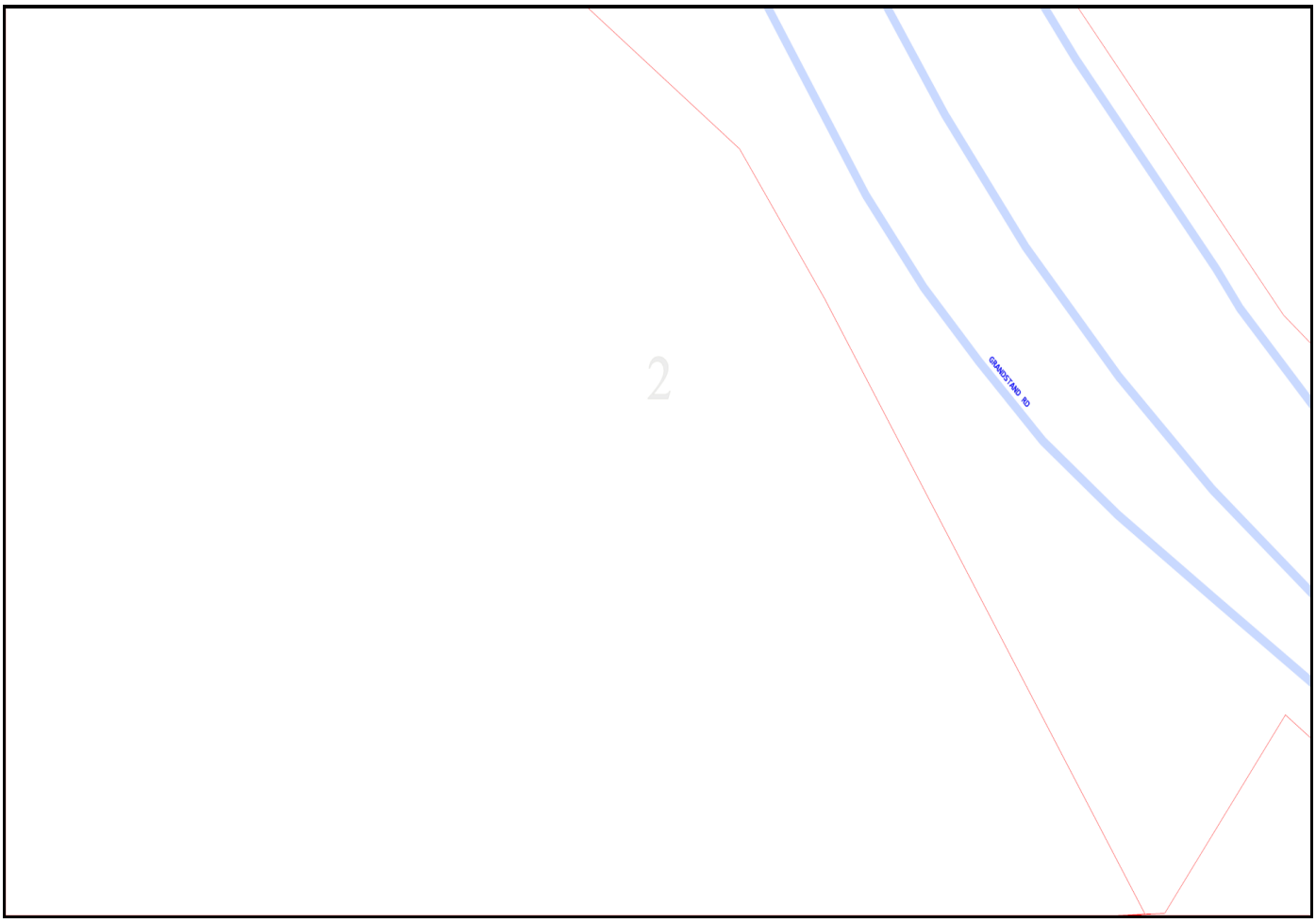
LEGEND

34	Parcel and the location
5	Pit with size "5"
2E	Power Pit with size "2E". Valid PIT Size: e.g. 2E, 5E, 6E, 8E, 9E, E, null.
	Manhole
	Pillar
2 PO – T- 25.0m P40 – 20.0m 5 9	Cable count of trench is 2. One "Other size" PVC conduit (PO) owned by Telstra (-T-), between pits of sizes, "5" and "9" are 25.0m apart. One 40mm PVC conduit (P40) owned by NBN, between pits of sizes, "5" and "9" are 20.0m apart.
2 10.0m 5 9	2 Direct buried cables between pits of sizes ,"5" and "9" are 10.0m apart.
5 9	Trench containing any INSERVICE/CONSTRUCTED (Copper/RF/Fibre) cables.
5 9	Trench containing only DESIGNED/PLANNED (Copper/RF/Fibre/Power) cables.
5 9	Trench containing any INSERVICE/CONSTRUCTED (Power) cables.
BROADWAY ST	Road and the street name "Broadway ST"
Scale	0 20 40 60 Meters 1:2000 1 cm equals 20 m

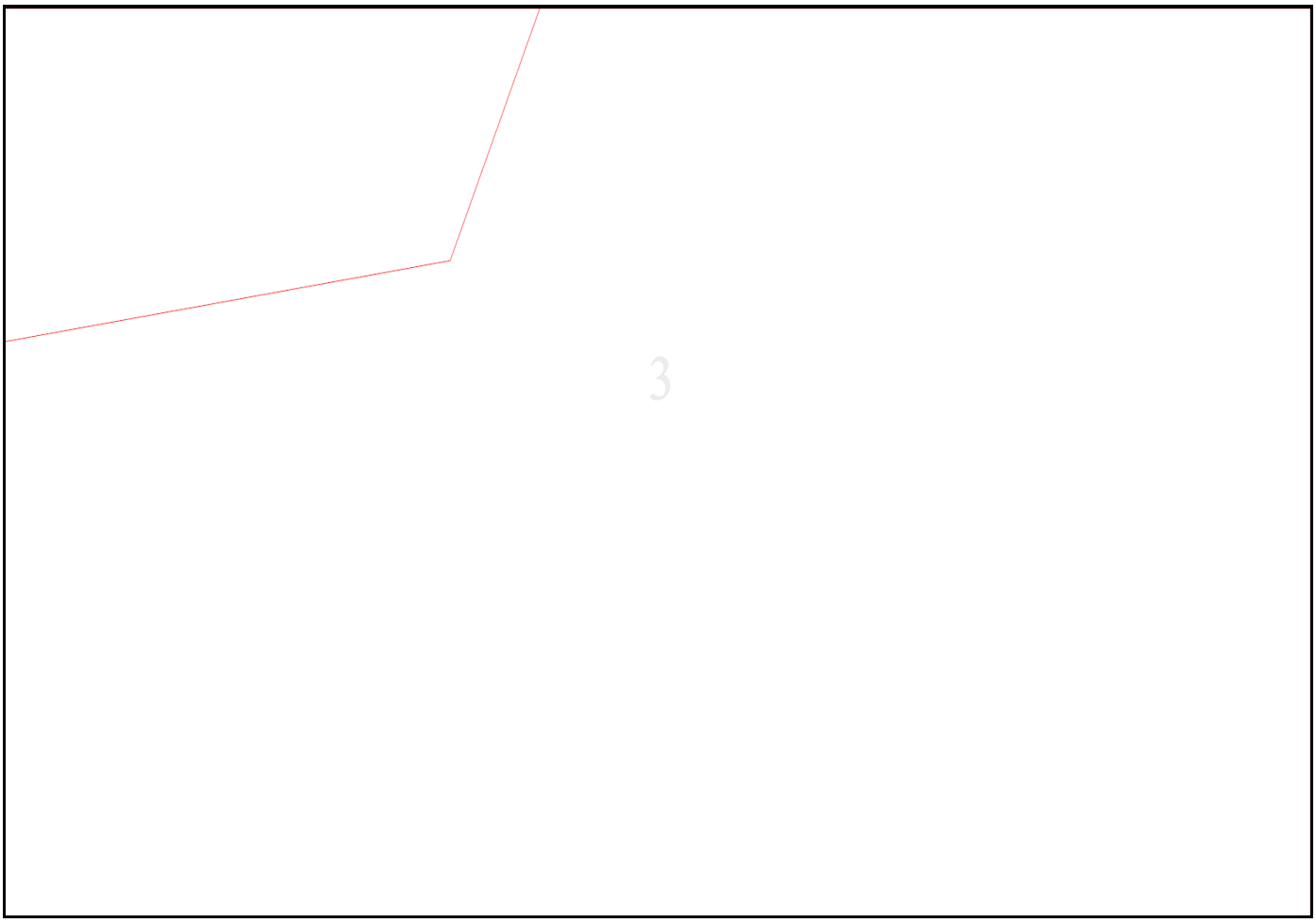
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Version: 1, Version Date: 18/09/2024



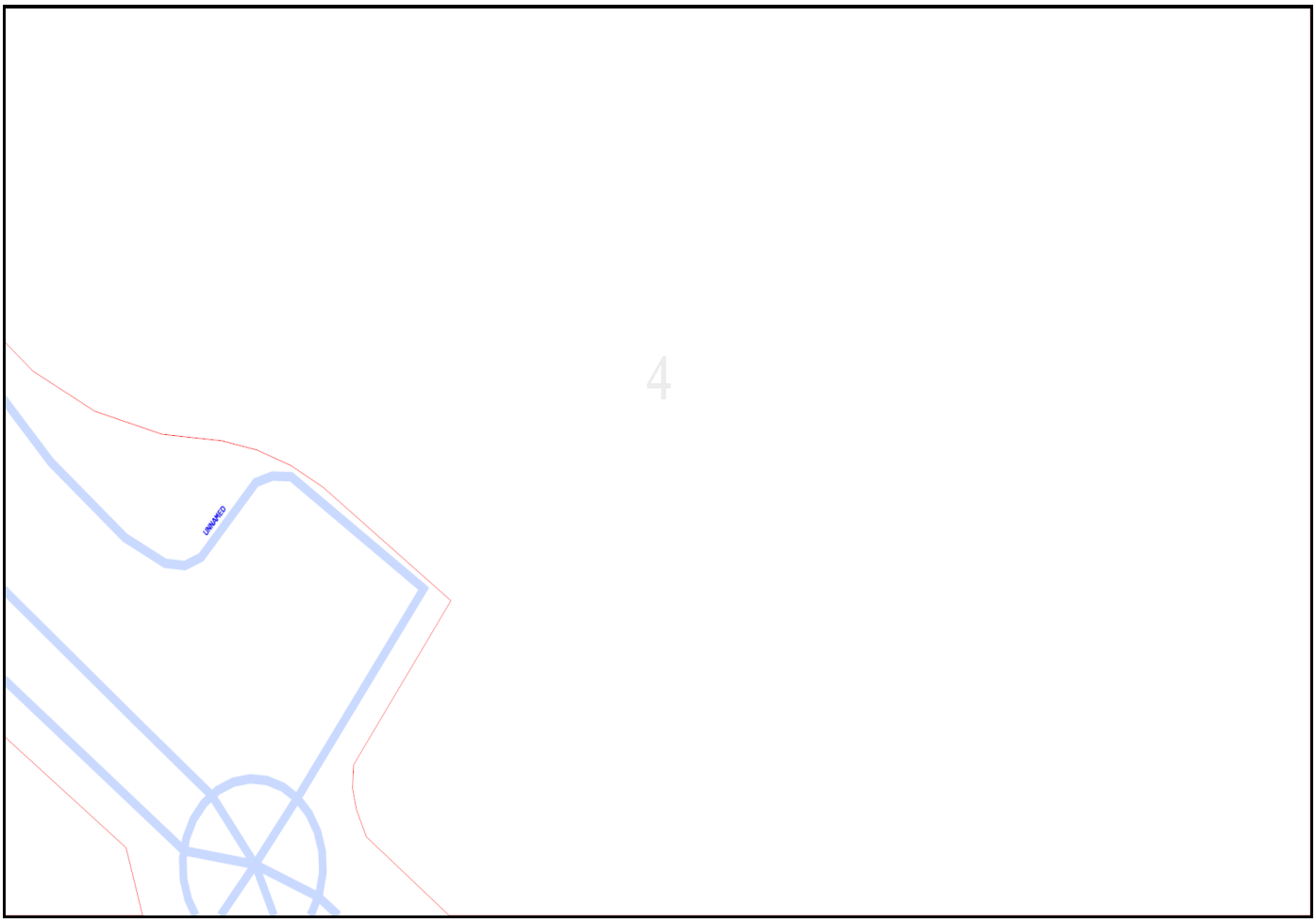
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Version: 1, Version Date: 18/09/2024



Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024

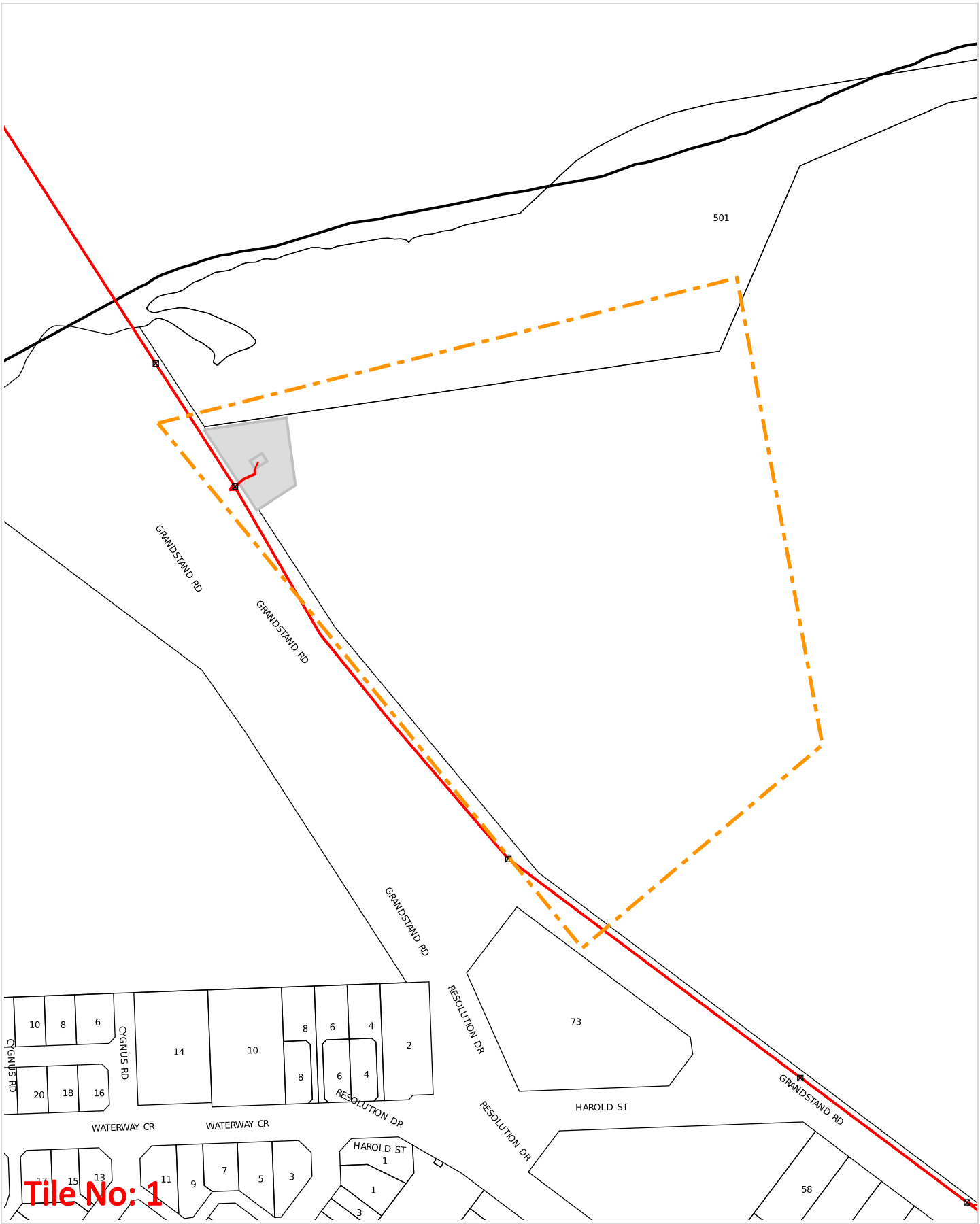


Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Emergency Contacts

You must immediately report any damage to the **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.



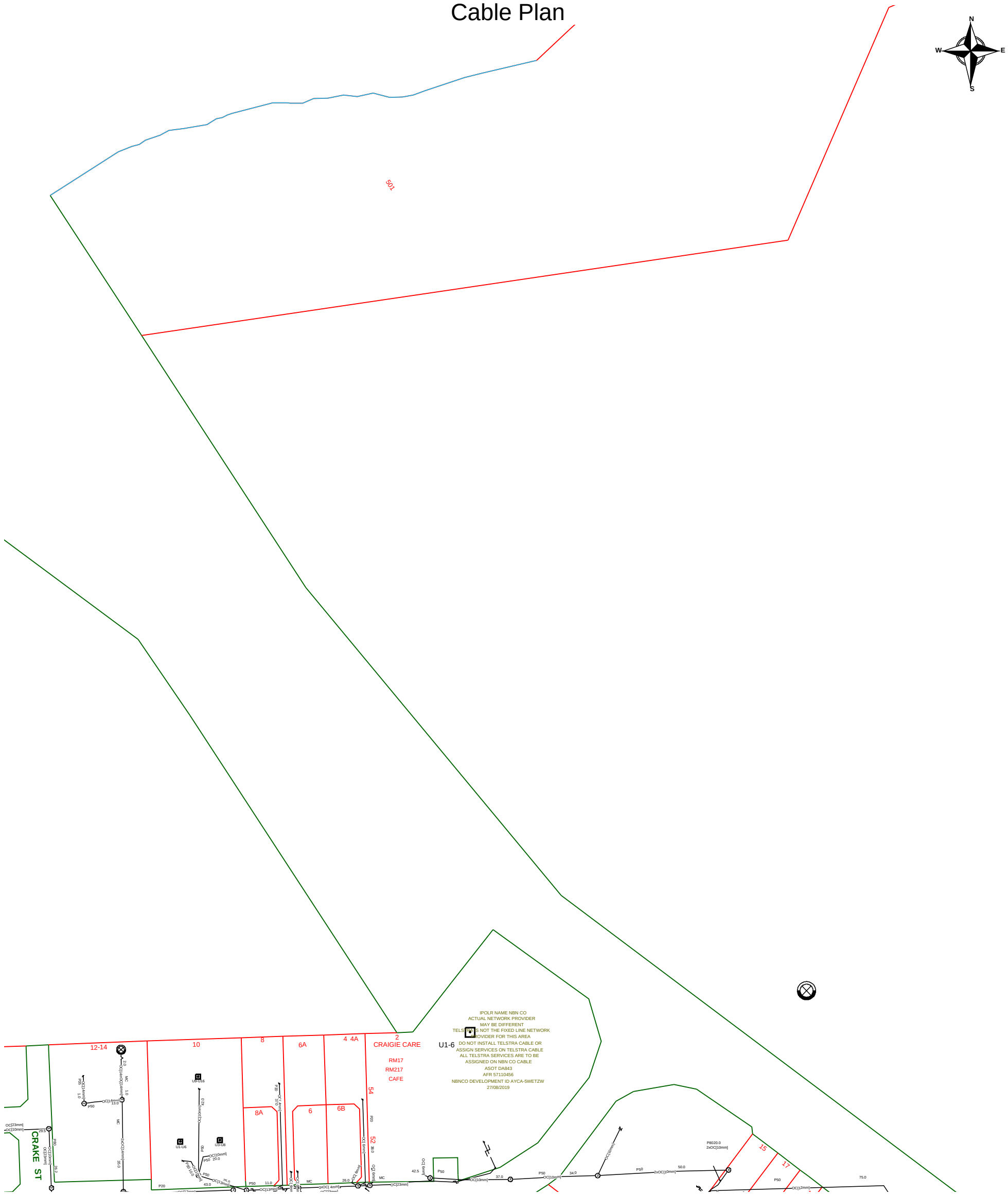
WARNING: This document is confidential and may also be privileged. Confidentiality nor privilege is not waived or destroyed by virtue of it being transmitted to an incorrect addressee. Unauthorised use of the contents is therefore strictly prohibited. Any information contained in this document that has been extracted from our records is believed to be accurate, but no responsibility is assumed for any error or omission. Optus Plans and information supplied are valid for 30 days from the date of issue. If this timeline has elapsed, please raise a new enquiry.

Sequence Number: 240900413

Date Generated: 21 Jun 2024

For all Optus DBYD plan enquiries –
Email: Fibre.Locations@optus.net.au
For urgent onsite assistance contact 1800 505 777
Optus Limited ACN 052 833 208

Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment
Ph - 13 22 03
Email - Telstra.Plans@team.telstra.com
Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries

TELSTRA LIMITED A.C.N. 086 174 781

Generated On 21/06/2024 19:05:14

Sequence Number: 240900417

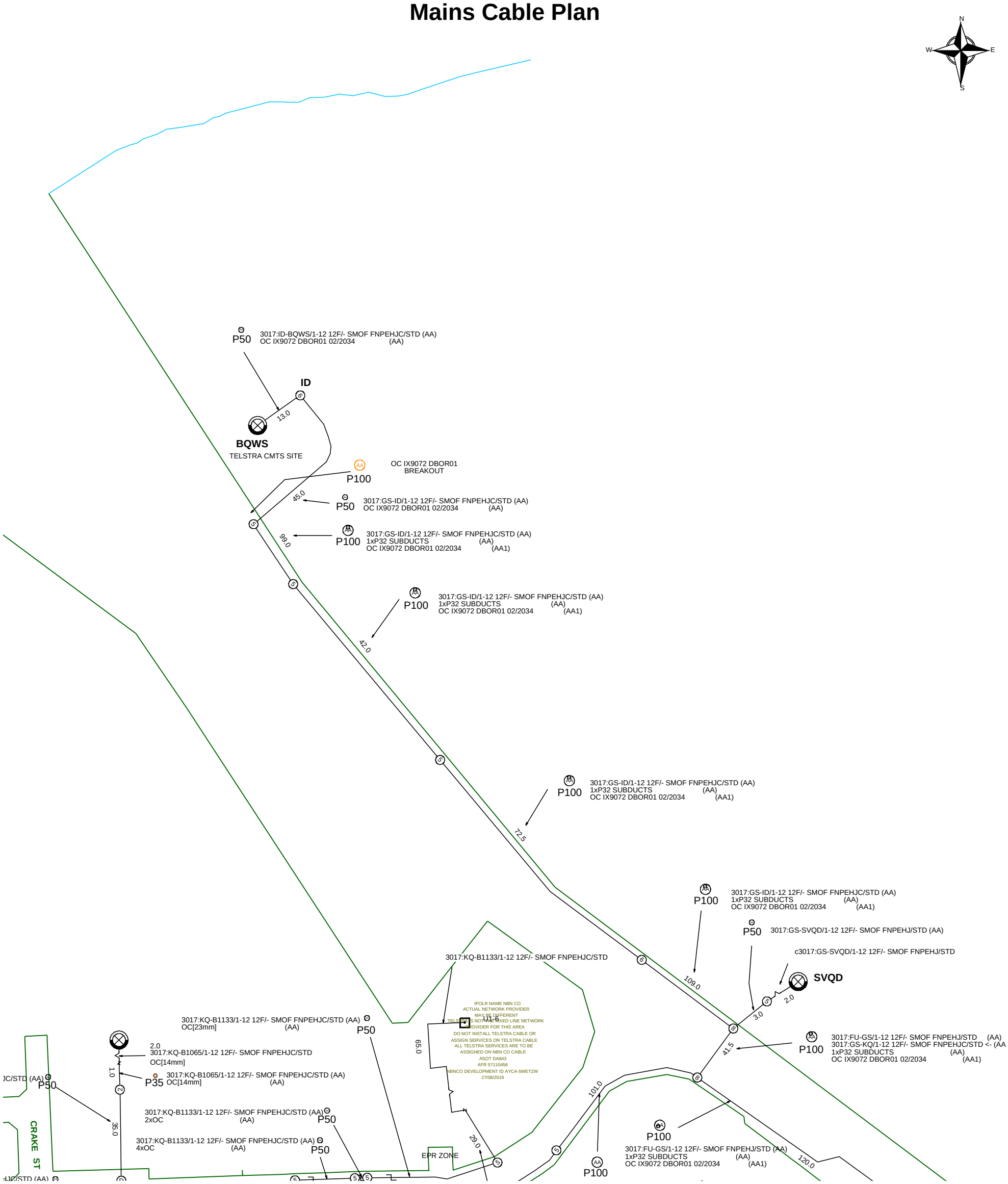
CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.

The above plan must be viewed in conjunction with the Mains Cable Plan on the following page

WARNING
Telstra plans and location information conform to Quality Level "D" of the Australian Standard AS 5488-Classification of Subsurface Utility Information.
As such,Telstra supplied location information is indicative only.Spatial accuracy is not applicable to Quality Level D.
Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing it.
Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy.
Further on site investigation is required to validate the exact location of Telstra plant prior to commencing construction work.
A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the asset is protected during construction works.

See the Steps- Telstra Duty of Care that was provided in the email response.

Mains Cable Plan



Report Damage: https://service.telstra.com.au/customer/general/forms/report-damage-to-telstra-equipment
Ph - 13 22 03
Email - Telstra.Plans@team.telstra.com
Planned Services - ph 1800 653 935 (AEST bus hrs only) General Enquiries

TELSTRA LIMITED A.C.N. 086 174 781

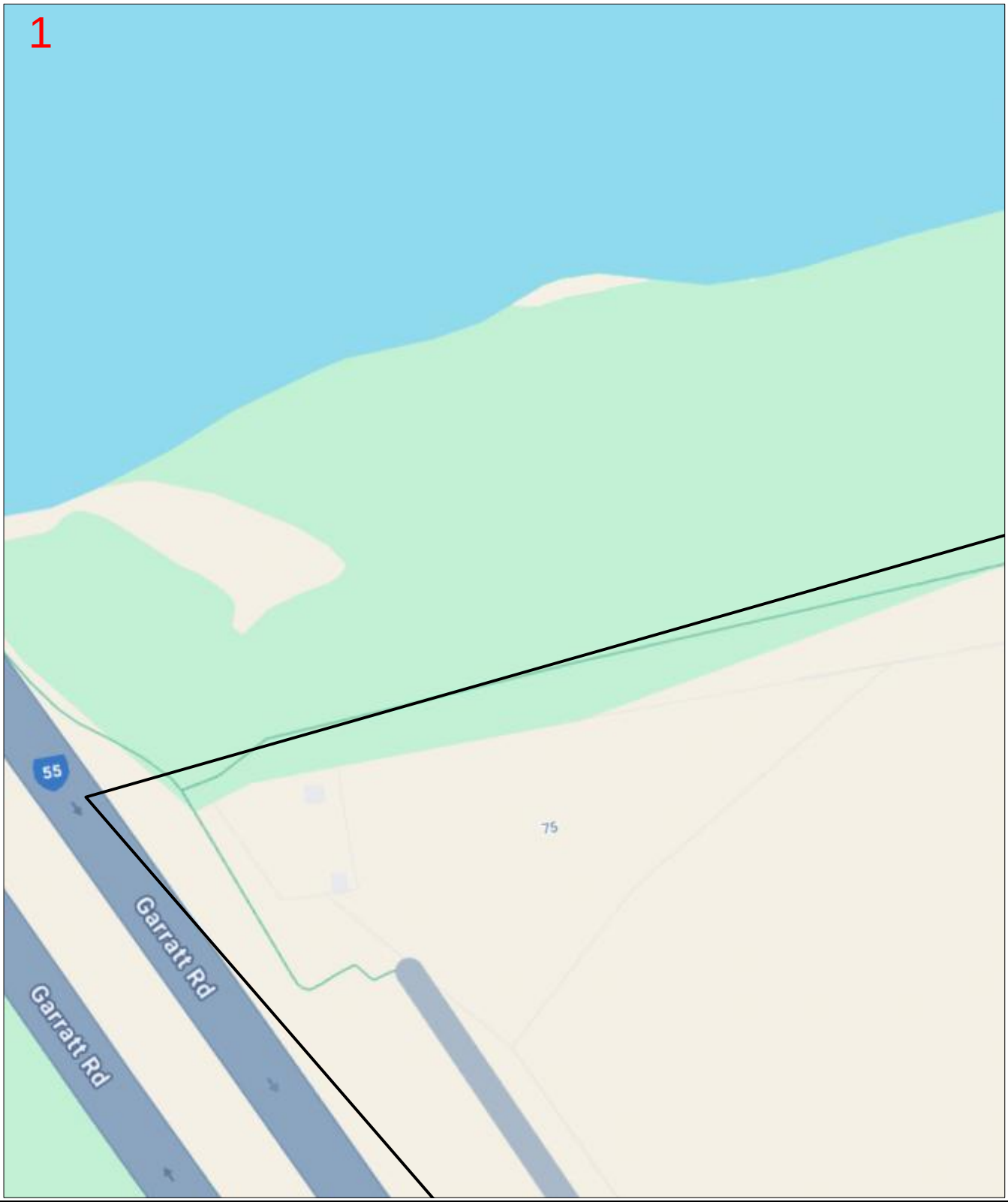
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Sequence Number: 240900417

CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.

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See the Steps- Telstra Duty of Care that was provided in the email response.



Enquiry Number: 240900414

Map Sheet: 1

Scale: 1: 750

0 0.008km

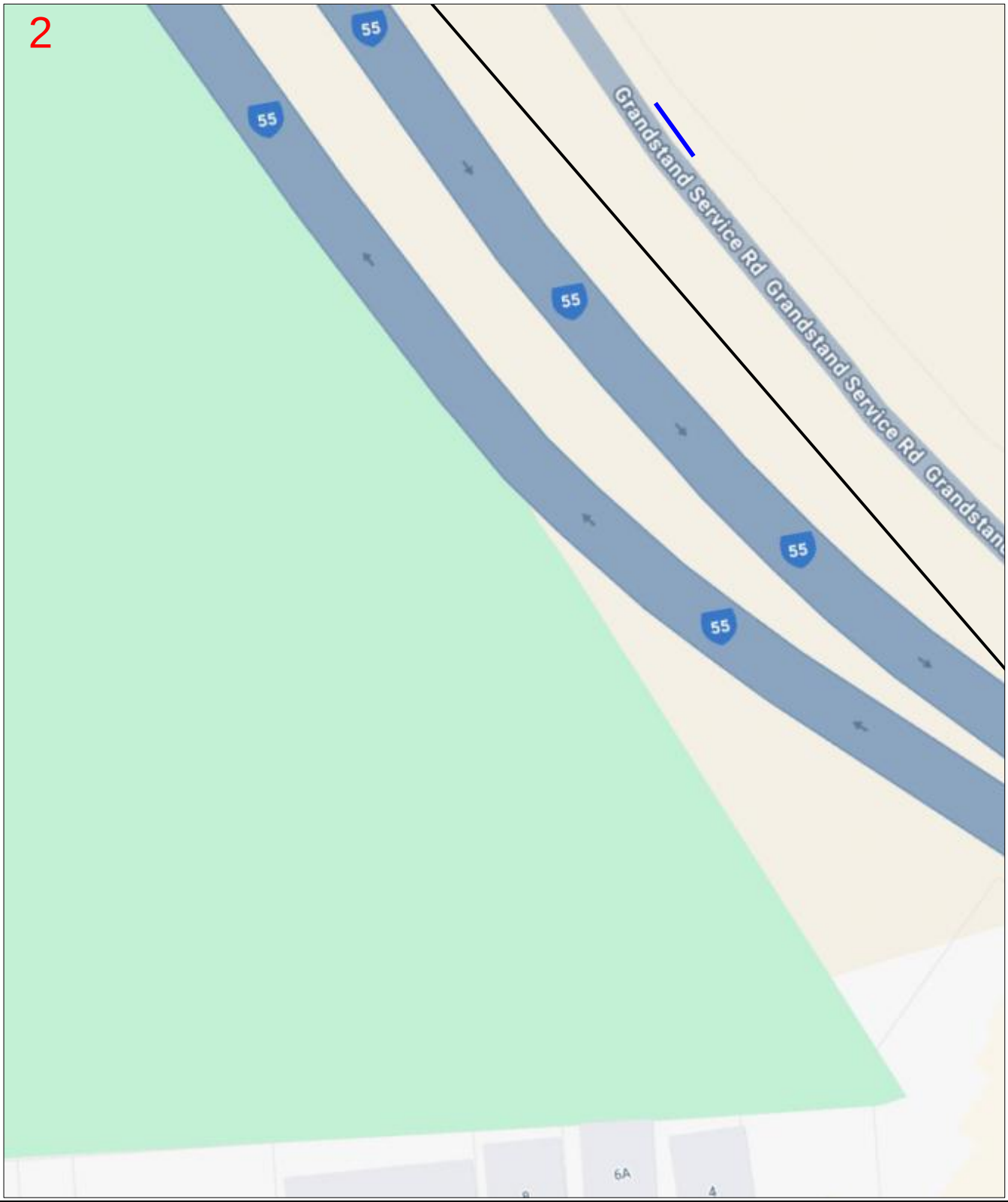
N

LEGEND

BYDA Work Area			
AAPT/PowerTel Pit		TransACT Pit	
AAPT/PowerTel Duct		TransACT Duct	
DDA Pit		SOUL Pattinson Telecoms Pit	
DDA Duct		SOUL Pattinson Telecoms Duct	
Agile/Adam Pit		PIPE Networks Pit	
Agile/Adam Duct		PIPE Networks Duct	

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900414

Map Sheet: 2

Scale: 1: 750

0 0.008km

N

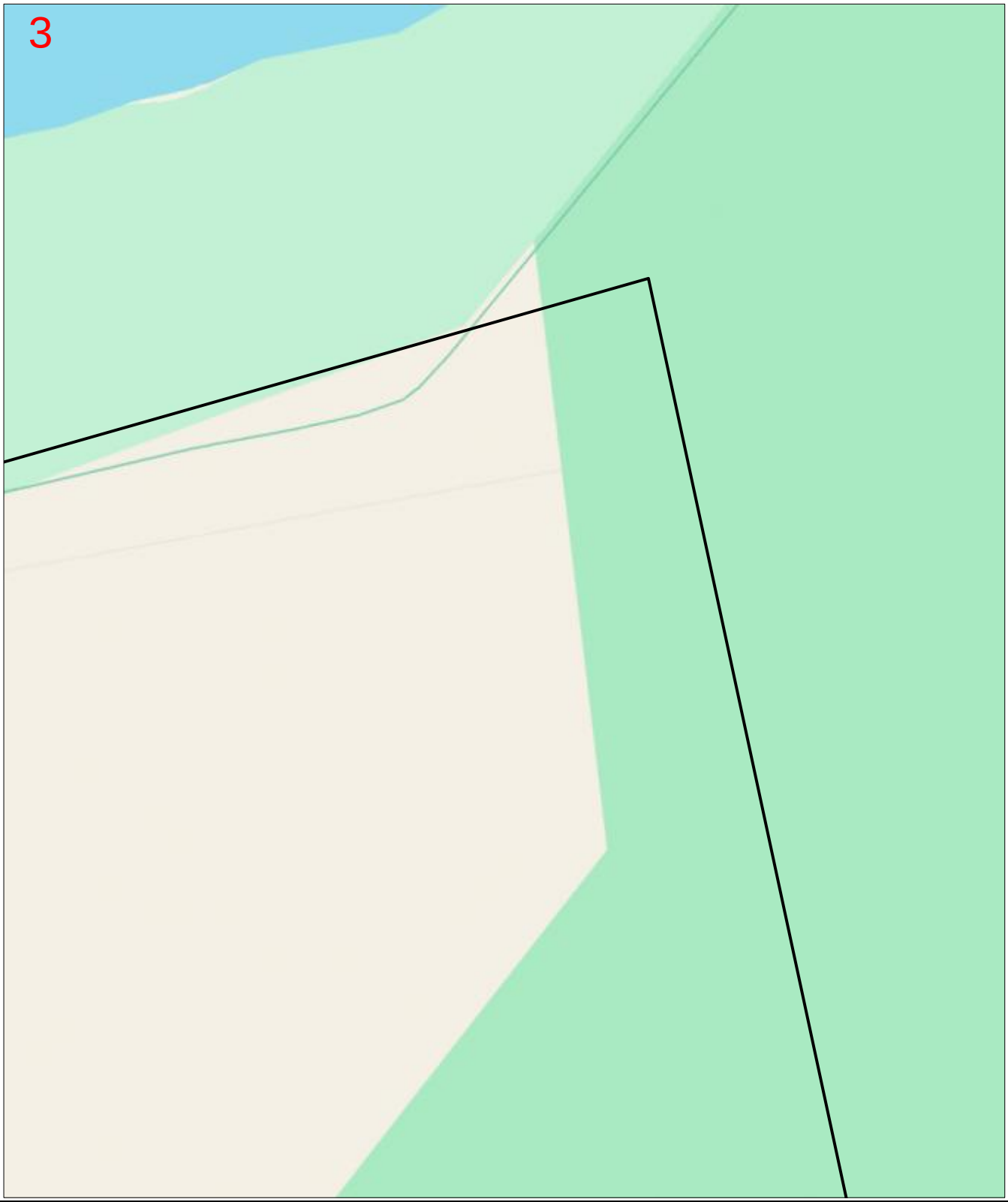
LEGEND

BYDA Work Area

AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
Agile/Adam Pit	PIPE Networks Pit
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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Enquiry Number: 240900414

Map Sheet: 3

Scale: 1: 750

0 0.008km

N

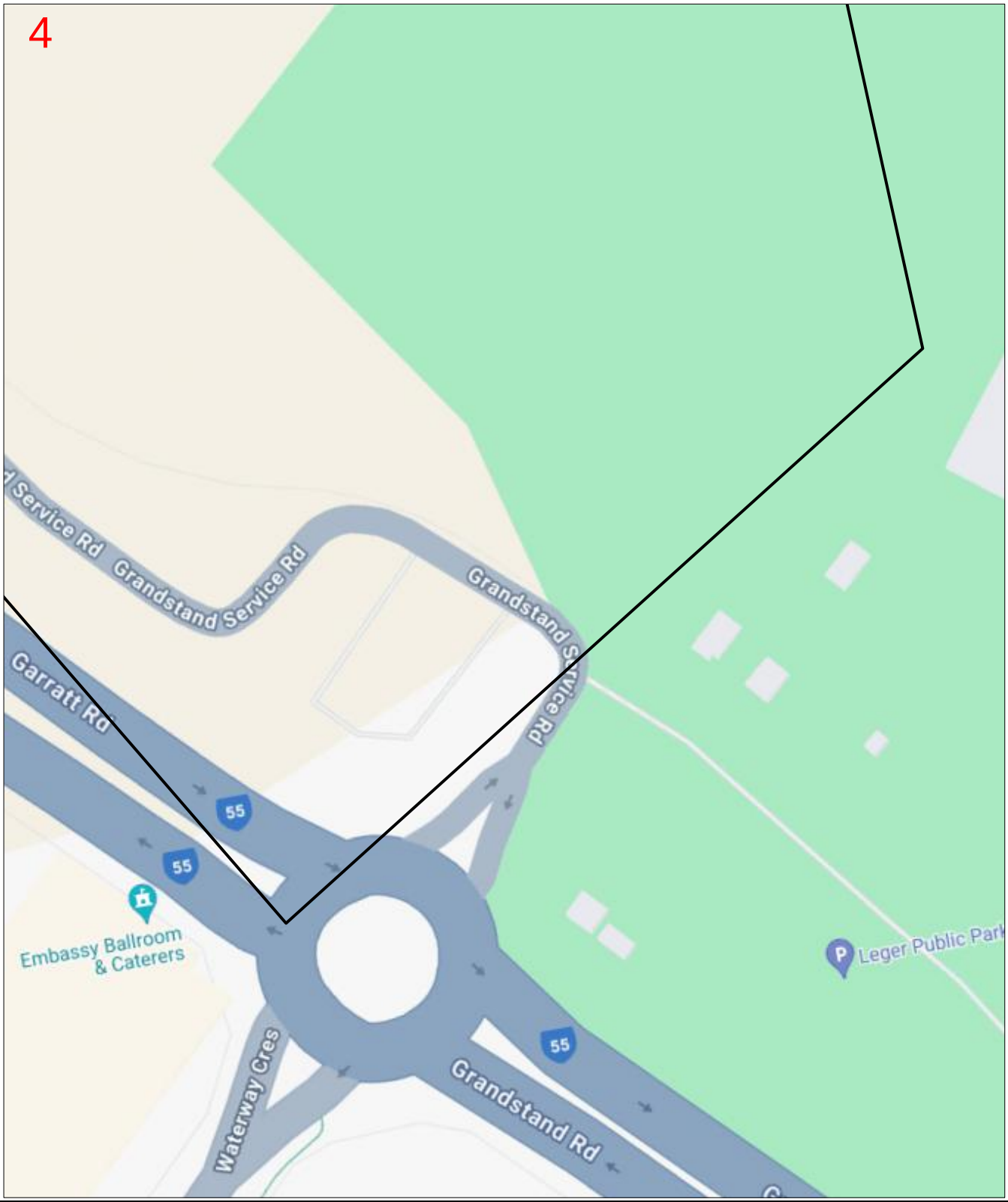
LEGEND

BYDA Work Area

AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
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Enquiry Number: 240900414

Map Sheet: 4

Scale: 1: 750

0 0.008km

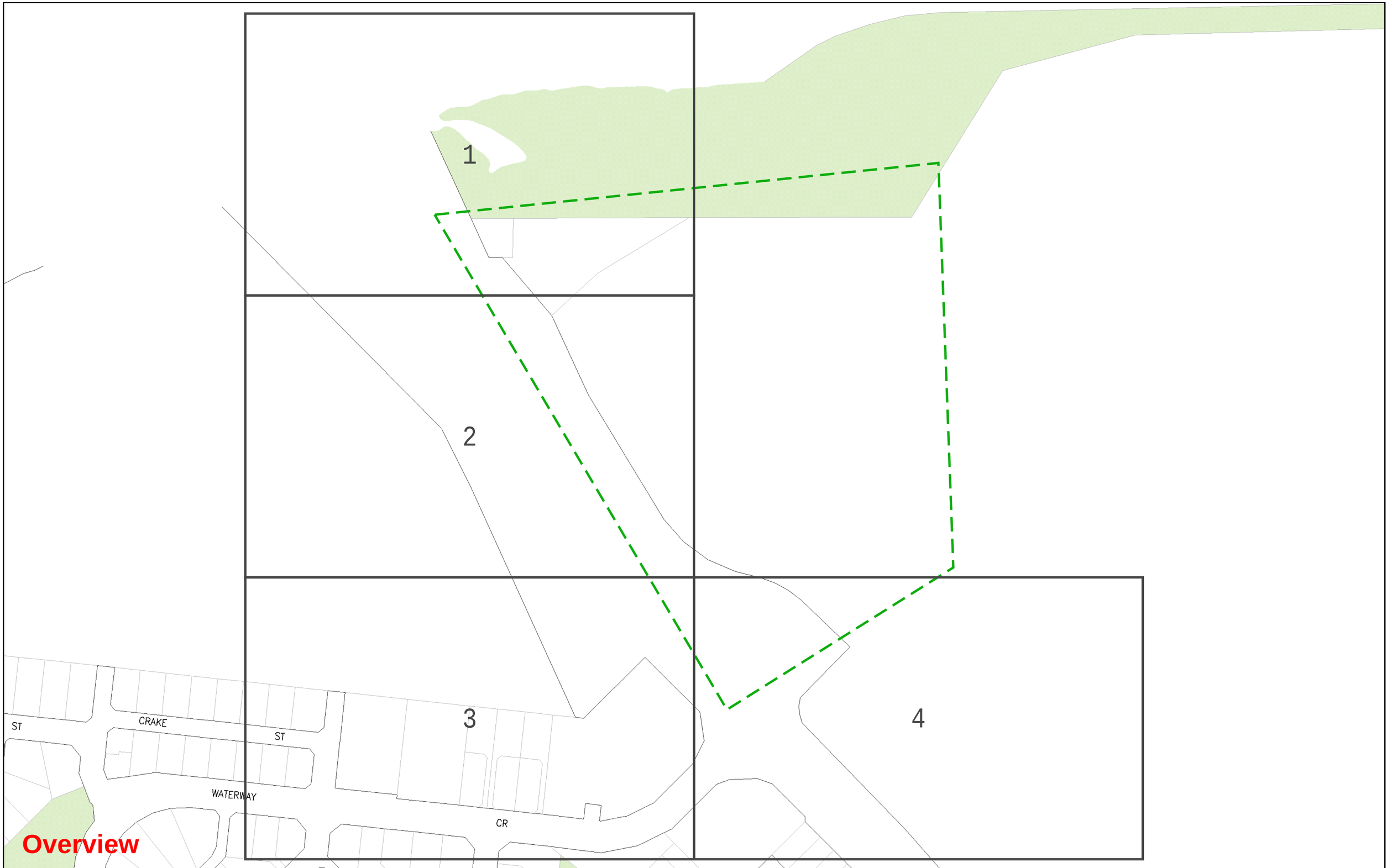
N

LEGEND

BYDA Work Area	
AAPT/PowerTel Pit	TransACT Pit
AAPT/PowerTel Duct	TransACT Duct
DDA Pit	SOUL Pattinson Telecoms Pit
DDA Duct	SOUL Pattinson Telecoms Duct
Agile/Adam Pit	PIPE Networks Pit
Agile/Adam Duct	PIPE Networks Duct

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Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



Overview

WATER CORPORATION

Scale:	1:2306
Job No.:	36962214
Sequence No.:	240900418
Print Date:	21 Jun 2024

N

Water

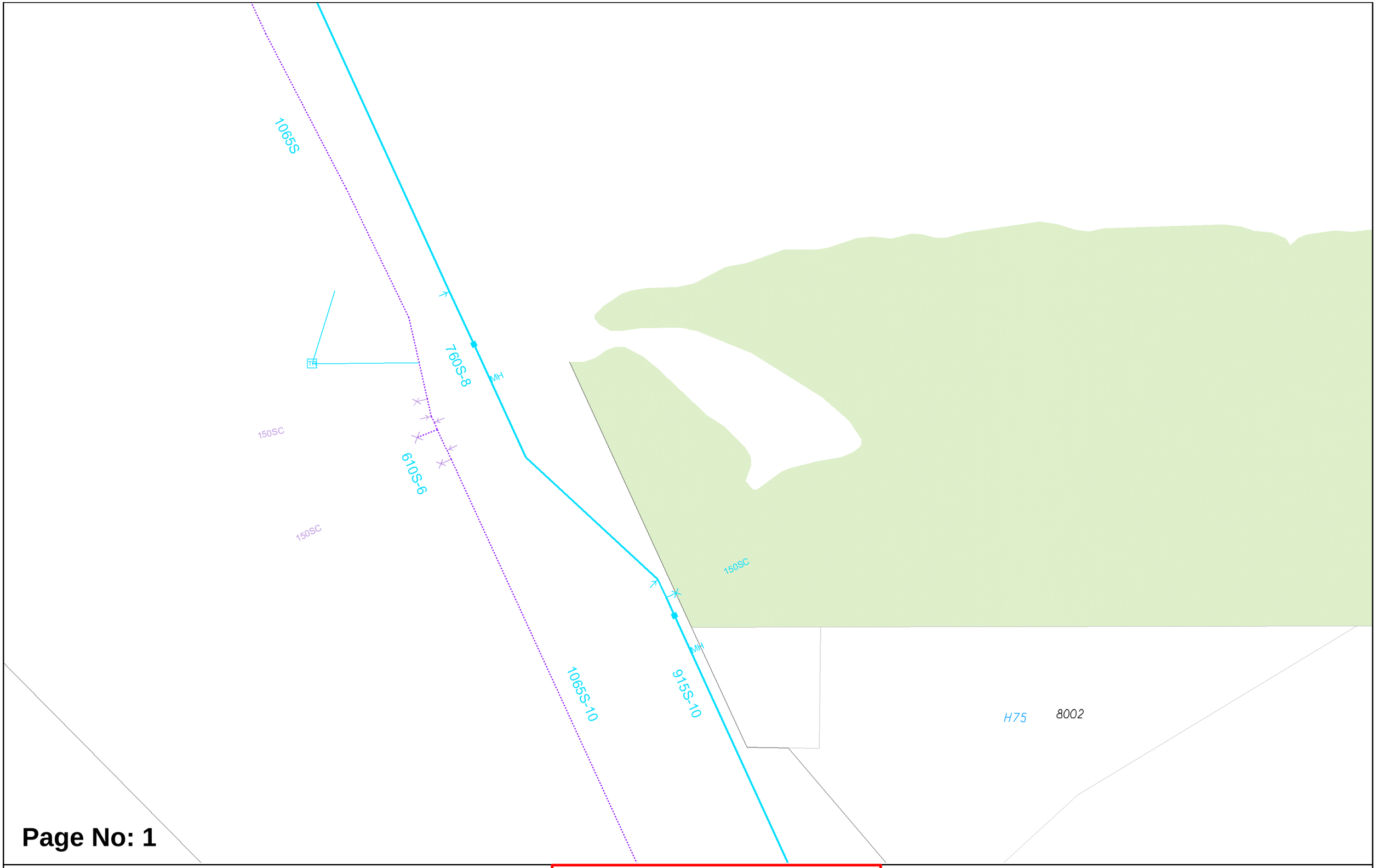
WARNING ASSET PROTECTION APPROVAL MAY BE REQUIRED

Apply for approval to work near our assets at:

Working near assets (watercorporation.com.au)

Unauthorised work within prescribed proximities of Water Corporation Assets is prohibited.

The Water Corporation has taken due care in the preparation of this map but accepts no responsibility for any inaccuracies or inappropriate use. This plan may be reproduced in its entirety for the purpose of site work planning but shall not otherwise be altered or published in any form without the permission of the Water Corporation. The Water Corporation may need to be advised of any planned ground disturbing activities near facilities on this map. Refer to Brochure - "Protecting Buried Pipelines". Please report any inaccuracies to Asset Registration Team by email to asset.registration@watercorporation.com.au.



Page No: 1

Scale:	1:750
Job No.:	36962214
Sequence No.:	240900418
Print Date:	21 Jun 2024

Water

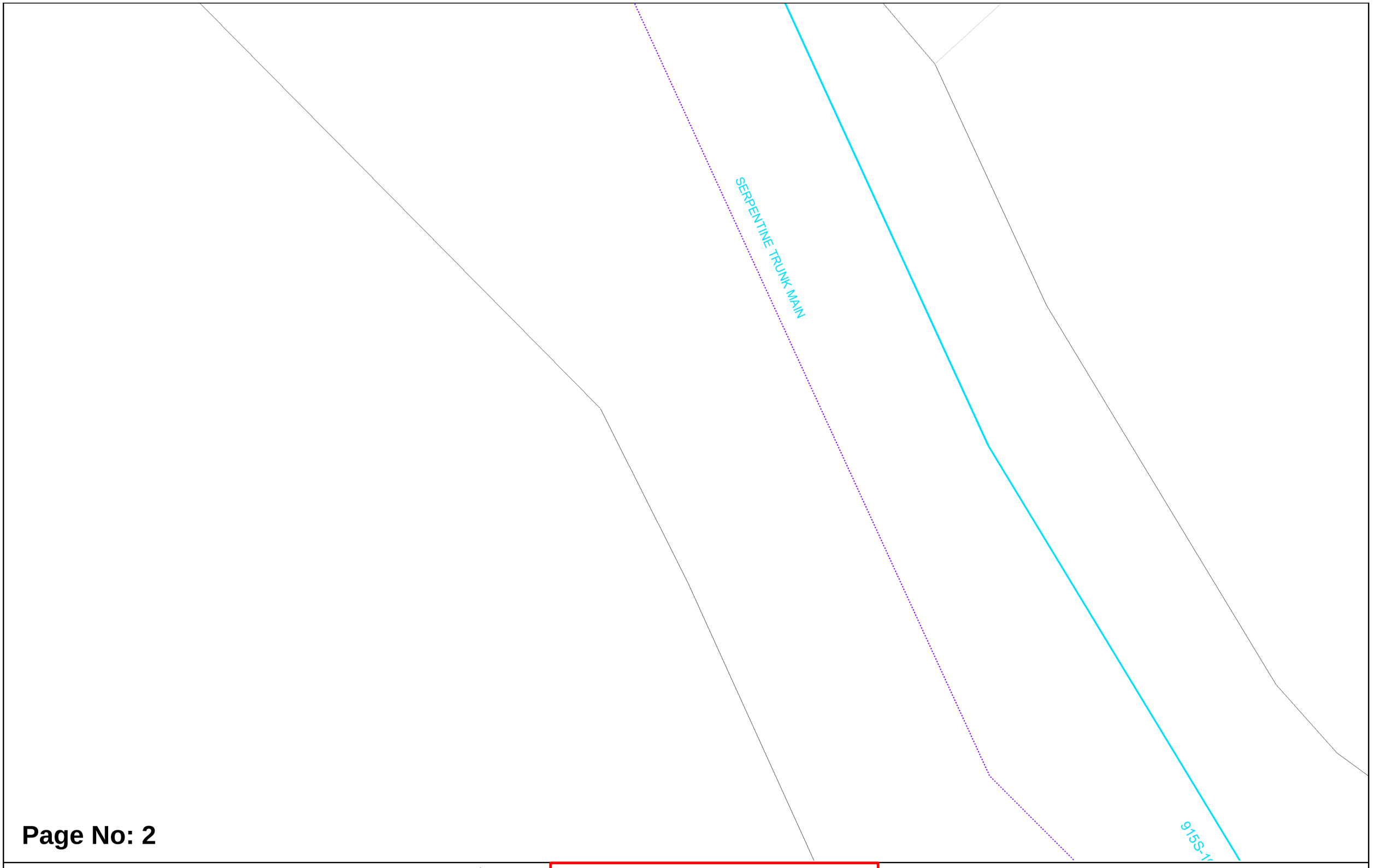
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Page No: 2

WATER CORPORATION

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Job No.:	36962214
Sequence No.:	240900418
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Water

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Page No: 3

WATER CORPORATION

Scale:	1:750
Job No.:	36962214
Sequence No.:	240900418
Print Date:	21 Jun 2024

N

Water

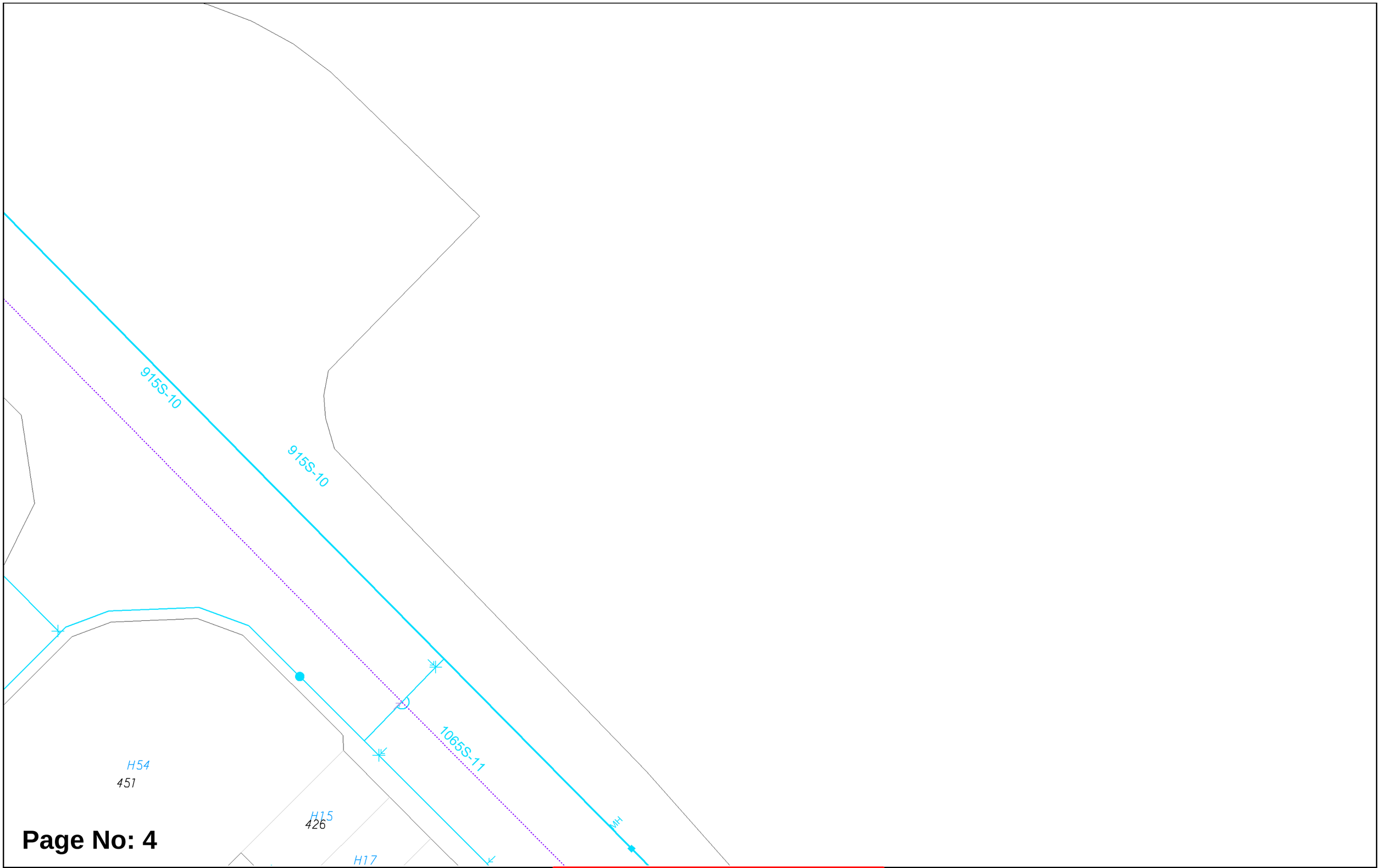
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Page No: 4

WATER CORPORATION

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Job No.:	36962214
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Water

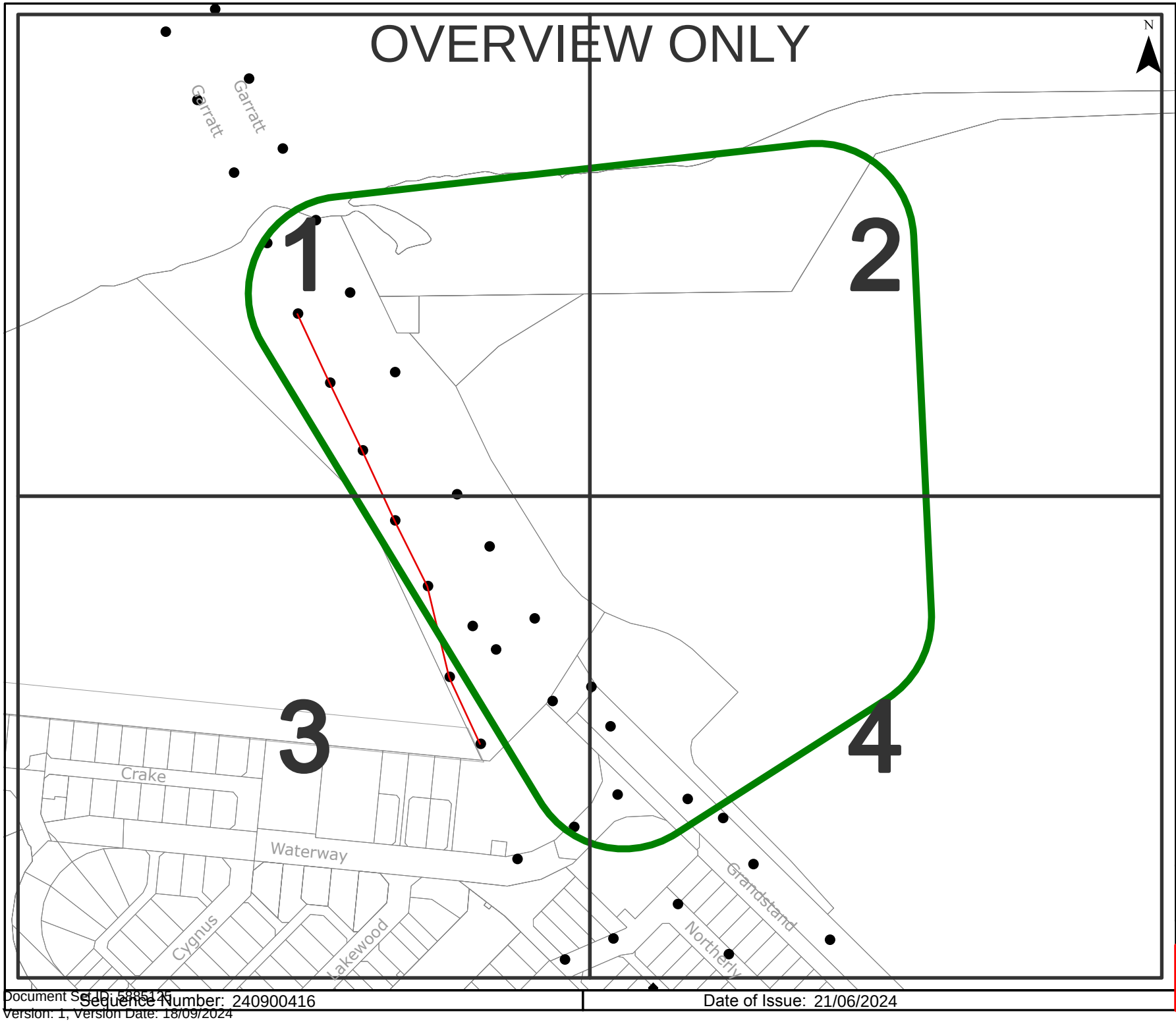
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westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Check that you have enough clearance from the DANGER ZONES near overhead powerlines.

Telephone Support: 1300 769 345
Mon to Fri - 08:00 to 16:30

Information valid for 30 days from date of issue

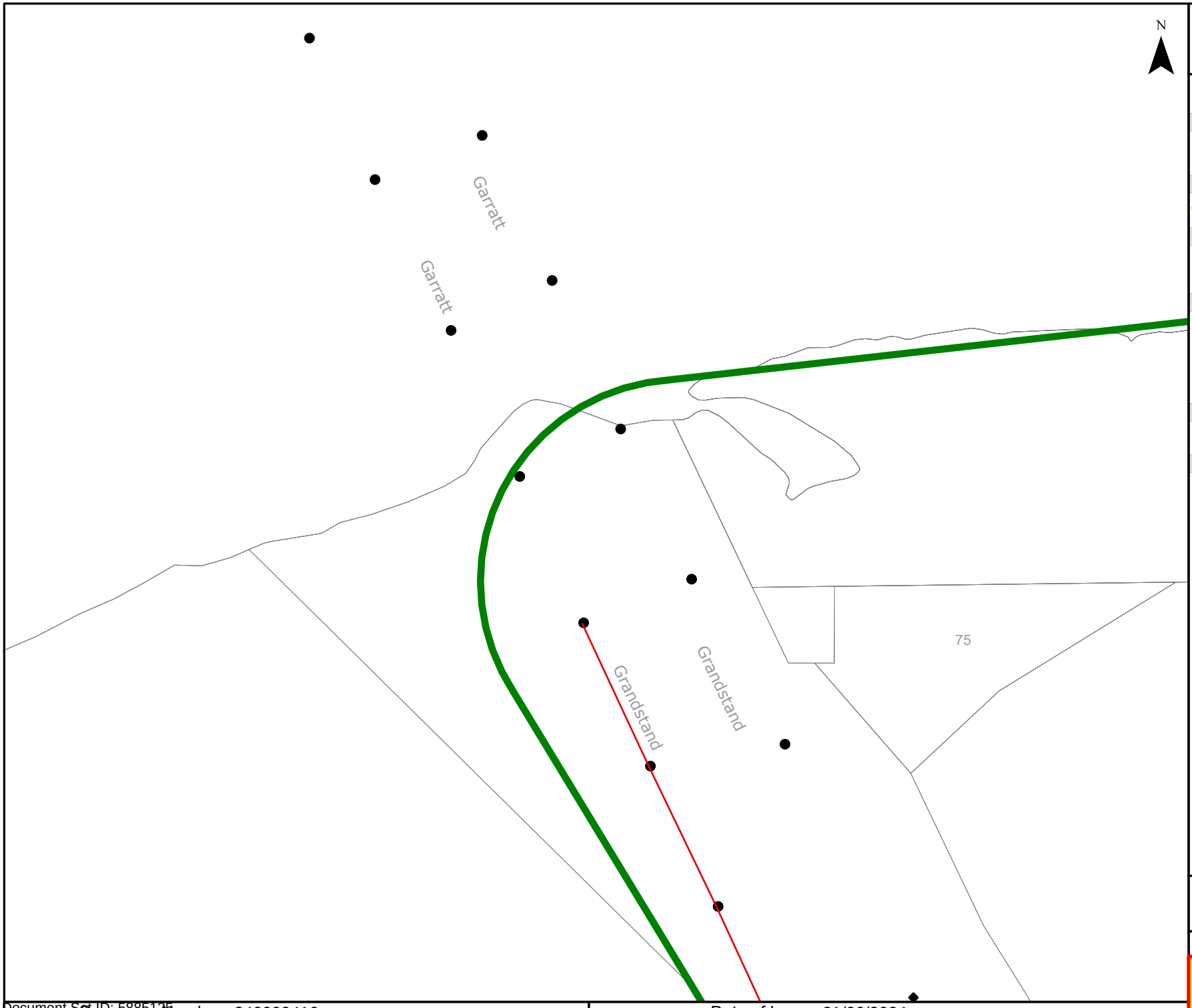
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WARNING! Look out for overhead power lines

Sequence Number: 240900416

Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Check that you have enough clearance from the DANGER ZONES near overhead powerlines.

Telephone Support: 1300 769 345
Mon to Fri - 08:00 to 16:30

Information valid for 30 days from date of issue

A4	Scale : 1:1500

WARNING! Look out for overhead power lines

Sequence Number: 240900416 | Date of Issue: 21/06/2024

Document Set ID: 5885125
Version: 1, Version Date: 18/09/2024



westernpower

OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

*** Please refer to coversheet**

Privately owned cables NOT SHOWN (including house services)

This map is INDICATIVE ONLY. Check that you have enough clearance from the DANGER ZONES near overhead powerlines.

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Mon to Fri - 08:00 to 16:30

Information valid for 30 days from date of issue

A4	Scale : 1:1500

WARNING! Look out for overhead power lines

Sequence Number: 240900416

Date of Issue: 21/06/2024

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Version: 1, Version Date: 18/09/2024



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OVERHEAD LEGEND

Structures

- Power Pole
- Transmission Poles

Transmission Overhead Powerline

- Transmission (33kV - 330kV)

Distribution Overhead Powerline

- High Voltage (1kV - 33kV)
- Low Voltage (< 1kV)

Proposed Construction Assets

- Design Area *
- High Voltage Overhead Powerline
- Low Voltage Overhead Powerline
- Power Pole

Communications Assets

- Overhead Pilot Cable

Feature

- Area of Interest

*** Please refer to coversheet**

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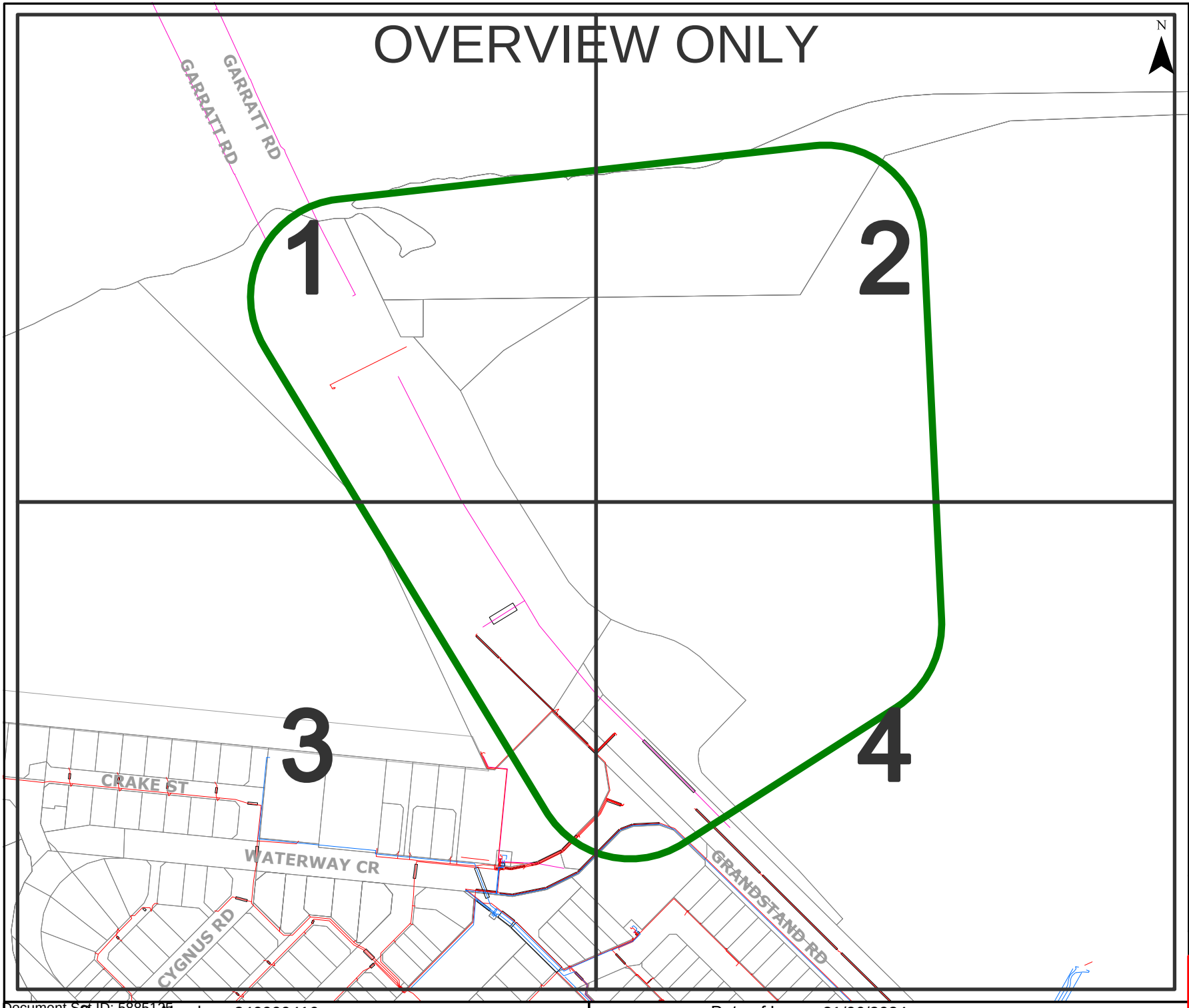
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UNDERGROUND LEGEND

Structures

- Pillar
- Metal Pole
- Transformer Site
- UG Crossing *
- Ring Main Unit
- LV Distribution Frame

Distribution Cables

- High Voltage Cable (1kV - 33kV)
- Low Voltage Cable (< 1kV)
- Street Light Circuit (< 1kV)
- Street Light Pilot (< 1kV)
- Earth Wire

Cable Pole Terminations

- HV Termination
- LV Termination

Proposed Construction Assets

- Design Area *
- High Voltage Underground Cable
- Low Voltage Underground Cable
- Metal Pole
- Pillar
- Transformer site
- HV Termination
- LV Termination

State Underground Power Project

- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

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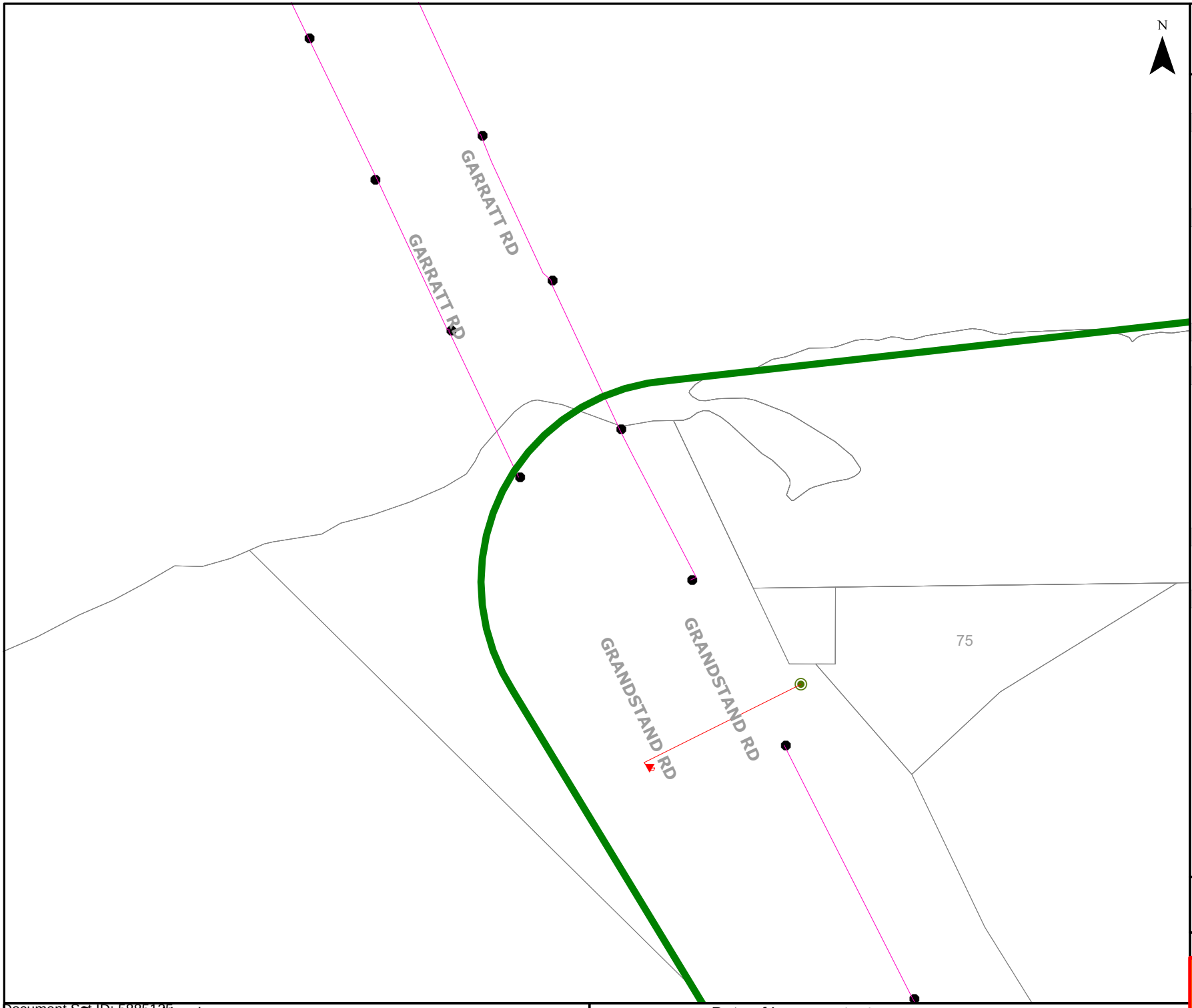
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- Earth Wire

Cable Pole Terminations

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Proposed Construction Assets

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- Low Voltage Underground Cable
- Metal Pole
- HV Termination
- Pillar
- LV Termination
- Transformer site

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- CURRENT Work Area *
- COMPLETED Area *

Feature

- Area of Interest

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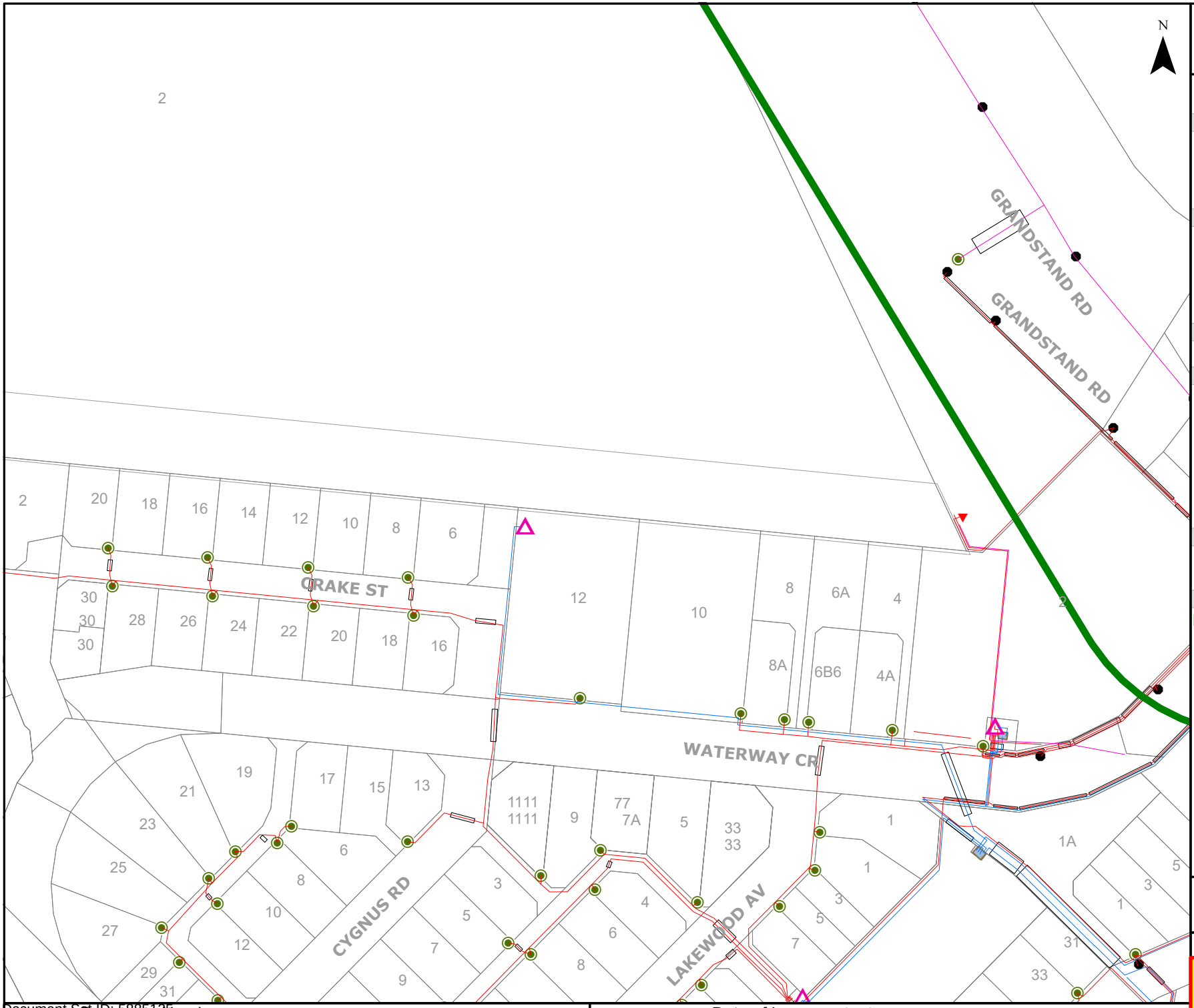
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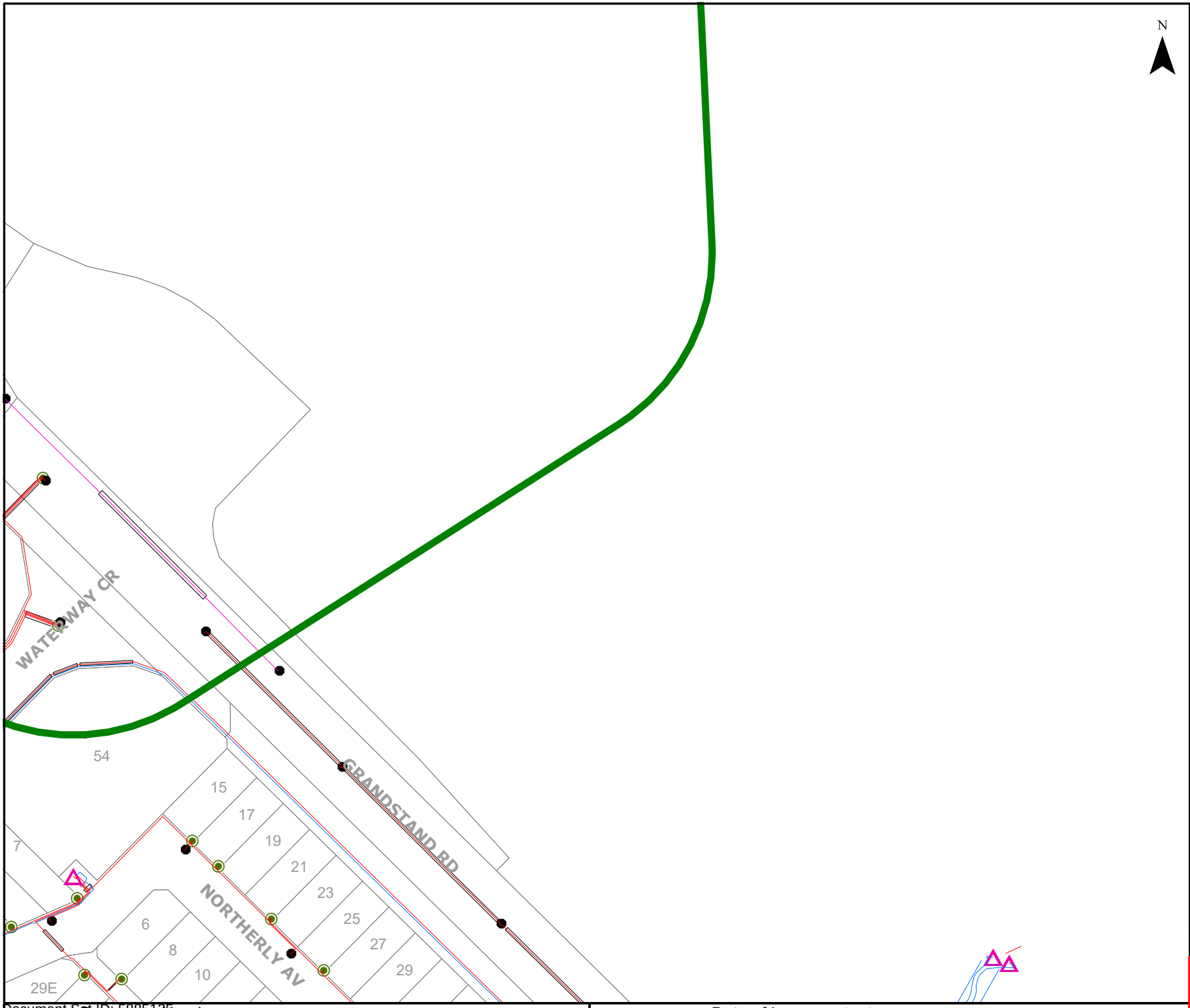
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