

**REPORTS AND RECOMMENDATIONS**

**FOR THE**

**DEVELOPMENT ADVISORY UNIT**

**MEETING**

**HELD ON**

**TUESDAY, 21 NOVEMBER 2023**

1. This Meeting makes Recommendations to the Manager Statutory Planning.
2. Should any Elected Member wish to discuss the content of any item included as part of the attached agenda, please contact Gavin Ponton, A/Manager Statutory Planning. Contact should be established as soon as possible after the publication of the agenda to the City of Melville website. Contact details are as follows: Tel 9364 0223 or via the Elected Members Portal.
3. Should an Elected Member propose that an item on this agenda be referred to Council for determination, a request to that effect must be made to the Chief Executive Officer (CEO). This request shall be made in accordance with the requirements set out by Clause 3.5.4 of Local Planning Policy LPP 1.1 'Planning Process and Decision Making'.
4. Should any applicant or adjoining property owner object to any proposal included as part of this DAU agenda, then an opportunity exists to request that the application be determined by Council. All such requests should be referred to an Elected Member of Council for the Ward within which the development application is located. An Elected Member may request that the application be determined by Council. Any call up request from an Elected Member shall be made in accordance with the requirements set out by Clause 3.5.4 of Local Planning Policy LPP 1.1 'Planning Process and Decision Making'.
5. In the absence of any referral request, a decision on any application included as part of this DAU agenda can take place under delegated authority to the Manager Statutory Planning, after midday on the second Monday after the Friday publication of the minutes to the City's website. In the event that the DAU minutes are not published to the City's website until the Monday after the DAU meeting, a decision on the application can still take place the following Monday.

**DISTRIBUTED: FRIDAY, 23 NOVEMBER 2023**



**REPORTS AND RECOMMENDATIONS FROM THE DEVELOPMENT ADVISORY UNIT  
MEETING HELD IN, MELVILLE CIVIC CENTRE, 10 ALMONDBURY ROAD,  
BOORAGOON, COMMENCING AT 9:00 AM ON TUESDAY, 21 NOVEMBER 2023.**

**PRESENT**

G Ponton  
T Cappellucci  
T Geddes  
L Johnson  
H McFeggan

A/Manager Statutory Planning  
A/Principal Statutory Planner  
Senior Statutory Planner  
A/Senior Statutory Planner  
Statutory Planner

**DISCLOSURES OF INTEREST**

Nil

**DISCLOSURE OF FINANCIAL INTERESTS  
LOCAL GOVERNMENT ACT 1995****Members' interests in matters to be discussed at meetings to be disclosed**

S.5.65 (1) A member who has an interest in any matter to be discussed at a Council or Committee meeting that will be attended by the member must disclose the nature of the interest -

- (a) in a written notice given to the Chief Executive Officer before the meeting; or
- (b) at the meeting immediately before the matter is discussed.

Penalty: \$10,000 or imprisonment for 2 years.

**Meeting to be informed of disclosures**

**S.5.66** If a member has disclosed an interest in a written notice given to the Chief Executive Officer before a meeting then before the meeting -

- (a) the Chief Executive Officer is to cause the notice to be given to the person who is to preside at the meeting; and
- (b) the person who is to preside at the meeting is to bring the notice to the attention of the persons who attend the meeting.

**Disclosing members not to participate in meetings**

**S.5.67** A member who makes a disclosure under Section 5.65 must not -

- (a) preside at the part of the meeting relating to the matter; or
- (b) participate in, or be present during, any discussion or decision making procedure relating to the matter,

unless, and to the extent that, the disclosing member is allowed to do so under Section 5.68 or 5.69.

Penalty: \$10,000 or imprisonment for 2 years.

**Please refer to your Handbook for definitions of interests and other detail.**

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**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)**

Ward : Palmyra - Melville - Willagee Ward  
 Category : Operational  
 Application Number : DA-2023-655  
 Property : Telstra Exchange Palmyra, 273 Canning Highway, Palmyra  
 Proposal : Telecommunications Infrastructure (New Mobile Phone Base Station)  
 Applicant : Amplitel Pty Ltd C/- Ventia Pty Ltd  
 Owner : Telstra Corporation Limited (formerly Australian Telecommunications Commission)  
 Disclosure of any Interest : No Officer involved in the preparation of this report has a declarable interest in this matter.  
 Responsible Officer : Gavin Ponton  
 A/Manager Statutory Planning  
 Previous Items : N/A

**AUTHORITY / DISCRETION**

**DEFINITION**

<input type="checkbox"/>	Advocacy	<i>When the Council advocates on its own behalf or on behalf of its community to another level of government/body/agency.</i>
<input type="checkbox"/>	Executive	<i>The substantial direction setting and oversight role of the Council. e.g. adopting plans and reports, accepting tenders, directing operations, setting and amending budgets.</i>
<input type="checkbox"/>	Legislative	<i>Includes adopting local laws, town planning schemes &amp; policies.</i>
<input type="checkbox"/>	Review	<i>When the Council operates as a review authority on decisions made by Officers for appeal purposes.</i>
<input checked="" type="checkbox"/>	Quasi-Judicial	<b><i>When the Council determines an application/matter that directly affects a person's right and interests. The judicial character arises from the obligation to abide by the principles of natural justice. Examples of Quasi-Judicial authority include town planning applications, building licences, applications for other permits/licences (eg under Health Act, Dog Act or Local Laws) and other decisions that may be appealable to the State Administrative Tribunal.</i></b>
<input type="checkbox"/>	Information	<i>For the Council to note.</i>

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)****KEY ISSUES / SUMMARY**

- Development approval is sought for new Telecommunications Infrastructure in the form of a mobile phone base station which comprises a 26.4m high monopole tower with 21 antennas, two headframes and ancillary equipment at the Telstra Exchange Palmyra.
- The new Telecommunications Infrastructure is to replace an existing 21m high monopole with associated antennas, headframes and ancillary equipment, approved in 2017.
- As per the City's Local Planning Scheme No. 6 (LPS6), Telecommunications Infrastructure is an 'A' land use in a District Centre (C3) zone.
- The details of the proposed development have been assessed against Local Planning Scheme No. 6 (LPS6), State Planning Policy 5.2 Telecommunications Infrastructure (SPP 5.2) and Local Planning Policy LPP1.7 Telecommunications Facilities and Communications Equipment (LPP1.7).
- The proposal was referred to Main Roads WA (MRWA) for comments in accordance with the Instrument of Delegation DEL 2022/03. MRWA provided no objections to the proposal subject to a condition requiring a Traffic Management Plan (TMP) be submitted and approved by MRWA prior to the commencement of works.
- The application was advertised in accordance with the provisions of Local Planning Policy LPP1.1 Planning Process and Decision Making (LPP1.1) and LPP1.7.
- One objection was received during the advertising period. The objection cites concerns that the proposal is visually unappealing and is visual pollution.
- In response to concerns raised by the objection and the City's assessment of visual bulk of the headframes and antennas associated with the monopole tower, the applicant elected to amend the plans for the proposal. The amended plans reduce the width of the monopole, antennas and headframe. The applicant elected to keep the height of the monopole the same as the original plans.
- Notwithstanding the objection received, it is considered that the development as proposed in the revised plans is acceptable when assessed against SPP5.2 and LPP1.7.
- The City recommends that approval be granted subject to conditions.

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)**



**Figure 1 – Aerial Photography**

**BACKGROUND**

**Scheme Provisions**

MRS Zoning	: Urban
LPS Zoning	: Centre (C3)
R-Code	: N/A
Use Type	: Telecommunications Infrastructure
Use Class	: A use

**Site Details**

Lot Area	: 1,386m <sup>2</sup>
Retention of Existing Vegetation	: N/A
Street Tree(s)	: N/A
Street Furniture (drainage pits etc)	: N/A
Site Details	: Refer to Figure 1 above

A copy of the plans forms part of the Report and recommendations.

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)**

**DETAIL**

New telecommunications infrastructure is proposed to replace existing telecommunications infrastructure on-site in the same location. The new infrastructure is intended improve mobile telecommunications service within and around the suburb of Palmyra.

The application has been assessed against the provisions of LPS6, State Planning Policy 5.2 Telecommunications Infrastructure (SPP5.2) and Local Planning Policy LPP1.7 Telecommunications Facilities and Communications Equipment (LPP1.7) and complies with the relevant development requirements.

*Site Context*

Telstra Exchange Palmyra is located within the existing centre at the corner of Canning Highway and Petra Street, Palmyra. The site is within a “Centre (C3)” under Local Planning Scheme No. 6 (LPS6). The closest residential dwellings are located 80 metres to the south and 115m to the east.

**STAKEHOLDER ENGAGEMENT**

**I. COMMUNITY**

Advertising Required: Yes  
 Neighbour’s Comment Supplied: Yes  
 Reason: Required pursuant to LPP 1.1 Planning Process and Decision Making Clause 1.7.6 and Part 4 of LPP1.7 Telecommunications Facilities and Communications Equipment  
 Support/Object: One submission received (Objection)

A summary of the content of the objection received and a response is provided in the table below.

<b>Summary of Issues Raised</b>	<b>Comments</b>	<b>Action (Condition/ Uphold/ Not Uphold)</b>
Visually unappealing and visual pollution	Refer to the comments section of this report.	Not Uphold

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)****II. OTHER AGENCIES / CONSULTANTS**

Consultation was conducted with MRWA in accordance with the Instrument of Delegation DEL 2022/03.

MRWA provided no objections to the proposal subject to a condition requiring a Traffic Management Plan (TMP) be submitted and approved by MRWA prior to the commencement of works.

A subsequent condition has been recommended as part of the officer's recommendation.

**STATUTORY AND LEGAL IMPLICATIONS**

Should the City of Melville refuse the application for planning approval, the Applicant will have the right to have the decision reviewed by the State Administrative Tribunal in accordance with Part 14 of the *Planning and Development Act 2005*.

**FINANCIAL IMPLICATIONS**

There are no financial implications for the City relating to this proposal.

**STRATEGIC, RISK AND ENVIRONMENTAL MANAGEMENT IMPLICATIONS**

There are no strategic, risk or environmental management implications with this application.

**POLICY IMPLICATIONS**

There are no policy implications in relation to this proposal.

**COMMENT**

For this application, no internal or external changes are proposed to the 625m<sup>2</sup> existing Telstra Exchange Building onsite. As per the below photo of the site (See Figure 2 below), the existing Telstra exchange building has three (3) monopoles located on the roof.

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)**



**Figure 2 – View of the existing monopoles on the Telstra exchange building**

The applicant has advised that the owner of the site is currently undertaking works across Australia to support and expand the new mobile phone infrastructure and coverage for Telstra and other carriers to improve customer experience through faster and more reliable voice and data services. The proposed telecommunications infrastructure will provide 4G and 5G services to the surrounding Palmyra area.

The new infrastructure is proposed to be located in the same location as the previous monopole tower, at the rear of the lot in the south-east corner. This location abuts boundary walls to the Stammers Shopping Centre (to the south and east) and therefore limits impact on the adjoining property. Views from the west are from the large carpark and one other commercial lot.

Visual impact of the proposed telecommunications infrastructure has been assessed against LPP1.7 *Telecommunications Facilities and Communications Equipment*, and *State Planning Policy 5.2 Telecommunications Infrastructure* and is considered to satisfy the following provisions:

1. Under the provisions of LPP 1.7, the proposal meets the preferred locational characteristics for additional telecommunications infrastructure in that it is an existing telecommunications site. The new telecommunications infrastructure is also replacing an existing structure thereby reducing overall visual impact.

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)**

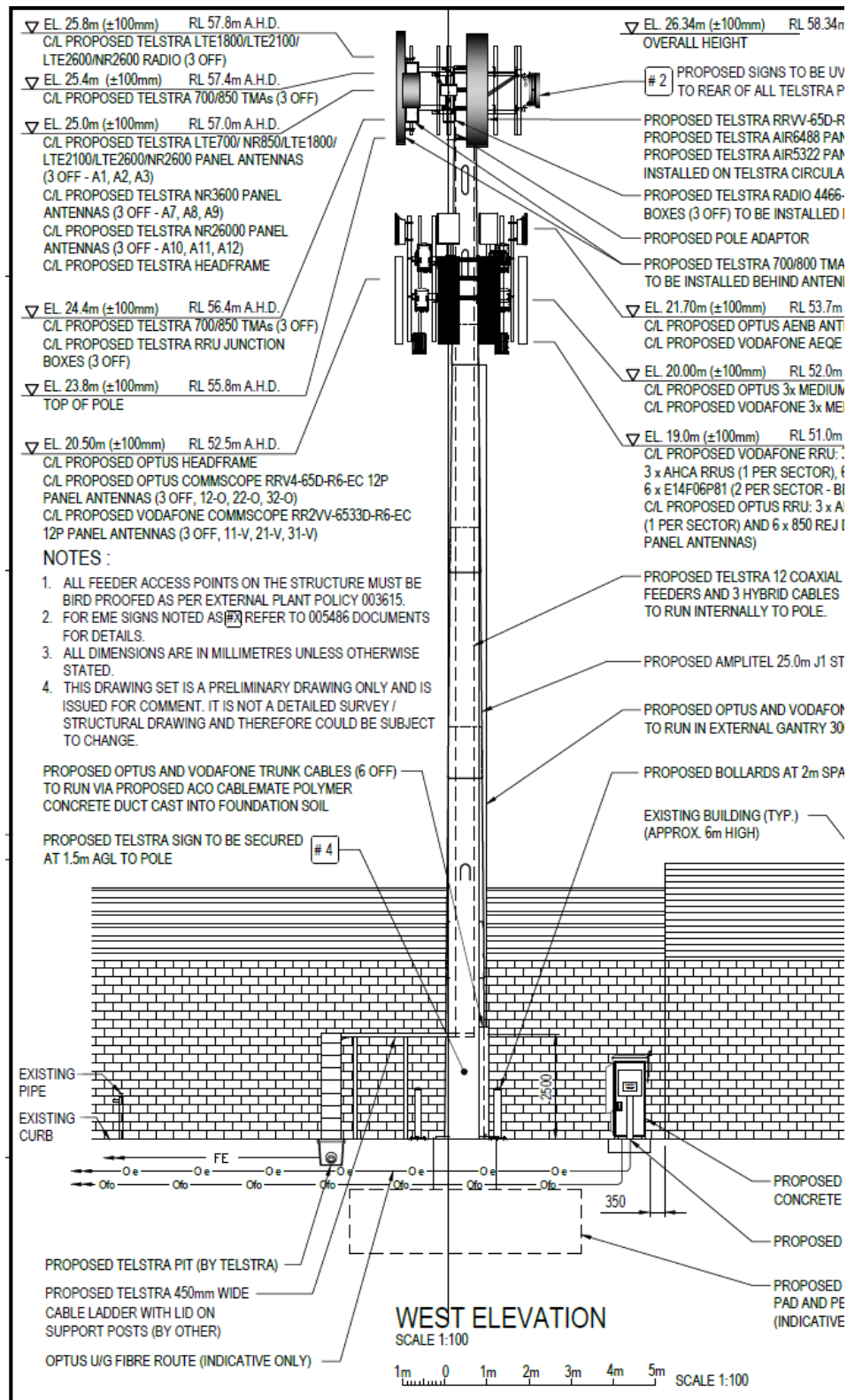
2. Under the provisions of SPP5.2, the State Planning Policy acknowledges the importance of providing telecommunications services to the community through the rollout of new networks but seeks for this to occur in a balanced manner that minimises the visual impact on the surrounding area. The policy states that telecommunications infrastructure should be sited and designed to minimise visual impact and wherever possible.

From the original plans, 24 antennas were proposed. The width of the monopole tower (at the top of the monopole tower) was 3.6m and the width of the headframes, antennas and monopole tower (located at 18.6m high of the 26.4m high monopole) was 4.2m.

During the assessment process, City staff requested that the visual bulk of the monopole, antennas and headframes be reduced. Subsequently, amended plans were received and the width of the antenna and monopole tower (at the top of the monopole tower) was reduced to 3.4m and the width of the headframes, antennas and monopole tower (located at 18.7m high of the 26.4m high monopole) was reduced to 3.2m. The number of antennas was reduced to 21 antennas.

The reduction to the width of the headframes, antennas and monopole tower has reduced the visual impact of the proposal (see Figure 3 below). While it is noted the revised headframes and antennas still present as visually dominant, the amended design is considered to meet the intent of SPP5.2 in terms of the extent of visual impact on the surrounding area.

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)**



**Figure 3 – Elevation of proposed telecommunications infrastructure**

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It is noted that the development is proposed to replace a previously installed 21m high monopole with associated head frames and antennas, approved under DA-2017-449 on the 27 July 2017, in a similar location. The existing monopole tower has recently been removed from site.

The scale, materials, external colours, and finishes proposed, whilst visually dominant, are considered to be acceptable within the surrounding landscape.

The replacement tower will not be substantially more prominently visible from any significant viewing locations nor detract from significant view of a heritage item or place, a landmark, a streetscape, vista or a panorama, whether viewed from public or private land, and is not located on sites where environmental, cultural heritage, social and visual landscape values maybe compromised (See Figures 4 & 5 below).



**Figure 4 - View of site from Fred Jones Reserve at 296 Canning Highway, Palmyra**

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**Figure 5 - View of the site as you face west from 279 Canning Highway, Palmyra**

In addition, the visual impact from the surrounding residential area is reduced due to the fact that the proposed tower is replacing a previously approved structure and due to the topography of the surrounding land, existence of various commercial buildings and the distance (80m) between the telecommunication monopole and the closest residential dwellings.

### **ALTERNATE OPTIONS AND THEIR IMPLICATIONS**

This application is proposed to be approved under delegation through the Development Advisory Unit (DAU) process.

Should Elected Members have an alternative view, the DAU 'call-up' procedures provide opportunity to call this matter up for formal Council consideration.

### **CONCLUSION**

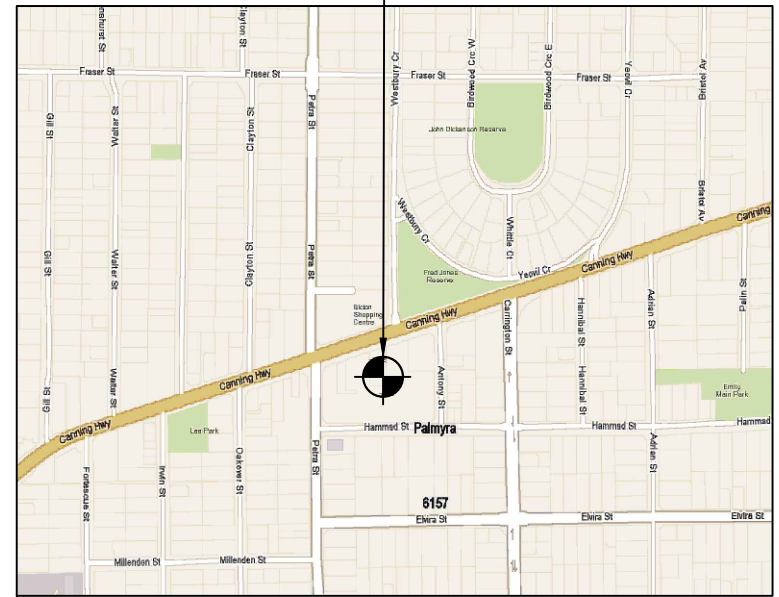
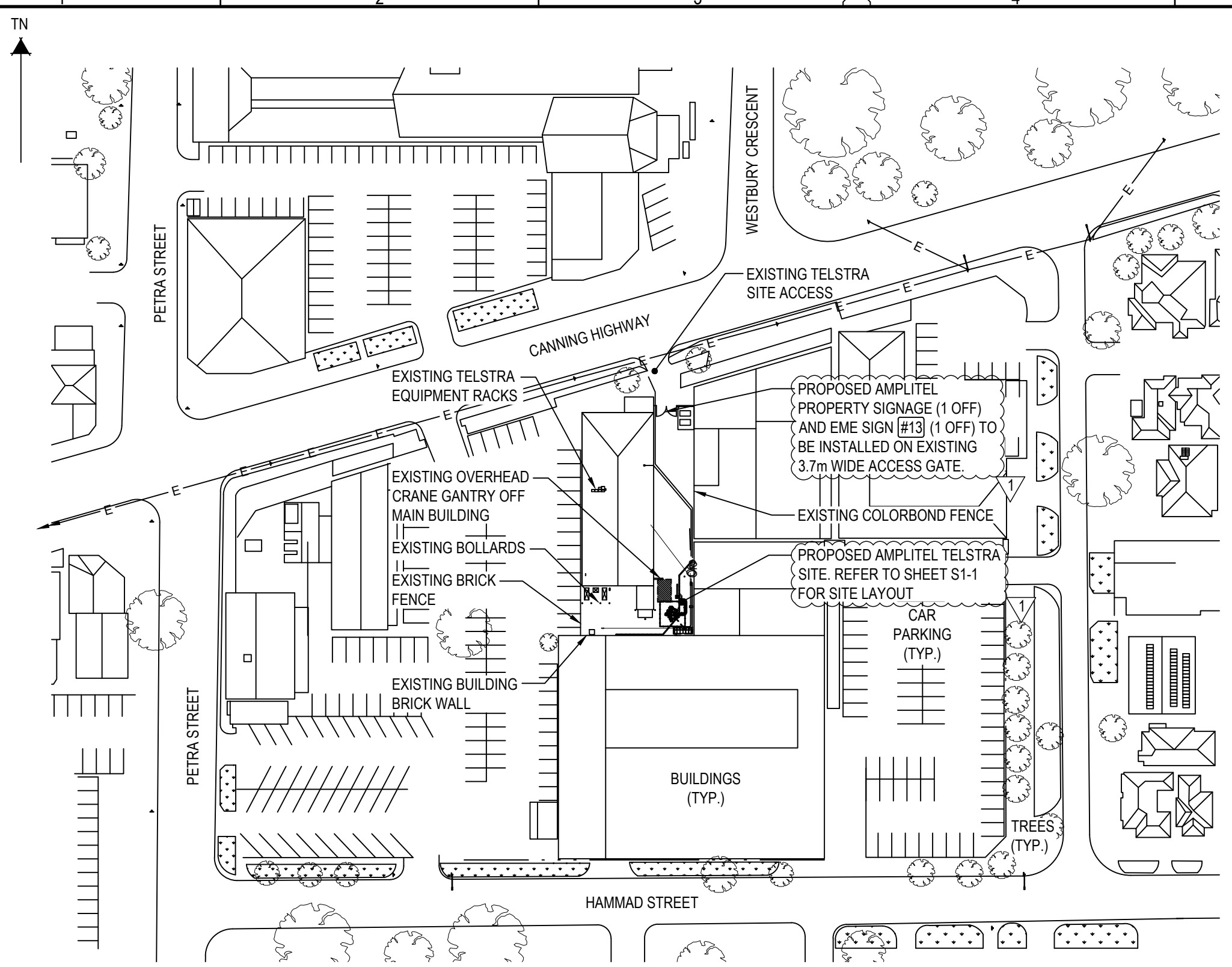
This application has been assessed and is considered to comply with SPP 5.2 and LPP1.7. The revised plans result in an acceptable level of visual impact having regard to the context of the site and in recognition that it is replacing a previous tower on site. The application is therefore recommended for approval subject to the following conditions and advice notes.

**U23/0619 – TELECOMMUNICATIONS INFRASTRUCTURE (NEW MOBILE PHONE BASE STATION) AT TELSTRA EXCHANGE PALMYRA, NO. 273 (LOT 1) CANNING HIGHWAY, PALMYRA WA 6157 (REC) (ATTACHMENT)****OFFICER RECOMMENDATION****APPROVAL**

1. The development the subject of this approval must comply with the approved plans at all times unless otherwise approved in writing by the City.
2. Prior to the commencement of the works, a Traffic Management Plan must be submitted and approved by Main Roads WA. The Traffic Management Plan must detail how traffic shall be managed at all times and must be implemented and maintained throughout the duration of the site works.
3. A minimum of 30 days prior to the lodgement of a Building application/commencement of demolition, the applicant shall submit a Demolition and Construction Management Plan (CMP) to the City of Melville for approval. The CMP shall be prepared having regard to the provisions of Local Planning Policy 1.22 Construction Management Plans. The CMP will require approval by the City prior to the issue of the associated Building Permit or Demolition Permit. Once approved in writing by the City, the development is to be carried out in accordance with the CMP to the satisfaction of the City. Any modifications to the CMP are to be approved by the City in writing.
4. All stormwater generated on site is to be retained on site in accordance with the City's stormwater design guidelines.
5. Temporary structures, such as prefabricated or demountable offices, portable toilets and skip bins necessary to facilitate storage, sales, administration and construction activities are permitted to be installed within the property boundaries of the subject site(s) for the duration of the construction period. These structures are to be located so not to obstruct vehicle sight lines of the subject site, the adjacent road network or of adjoining properties to the satisfaction of the City and are to be removed prior to initial occupation of the development.
6. The telecommunication infrastructure in its entirety being located within the boundary of the subject land.

**ATTACHMENTS  
OF THE  
DEVELOPMENT ADVISORY UNIT  
MEETING  
HELD ON  
TUESDAY 21 NOVEMBER 2023  
U23/0619**

**Distributed: Friday, 24 November 2023**

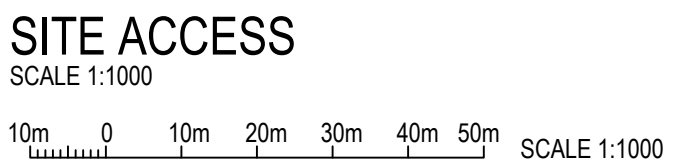


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**LOCALITY PLAN**  
NOT TO SCALE

**UNAPPROVED  
DRAWING**

**PRELIMINARY**



TO BE READ IN CONJUNCTION WITH SHEETS S1-1 & S3.

**PROPERTY DESCRIPTION**  
LOT 1 OF PARCEL D15859  
VOL 1144, FOLIO 114  
CITY OF MELVILLE

SITE STRUCTURE CO-ORDINATES (GDA94) GPS READING ACCURACY: ± 10m CENTRE OF BUILDING	
LATITUDE	GDA 94 -32.03858
LONGITUDE	GDA 94 115.77725



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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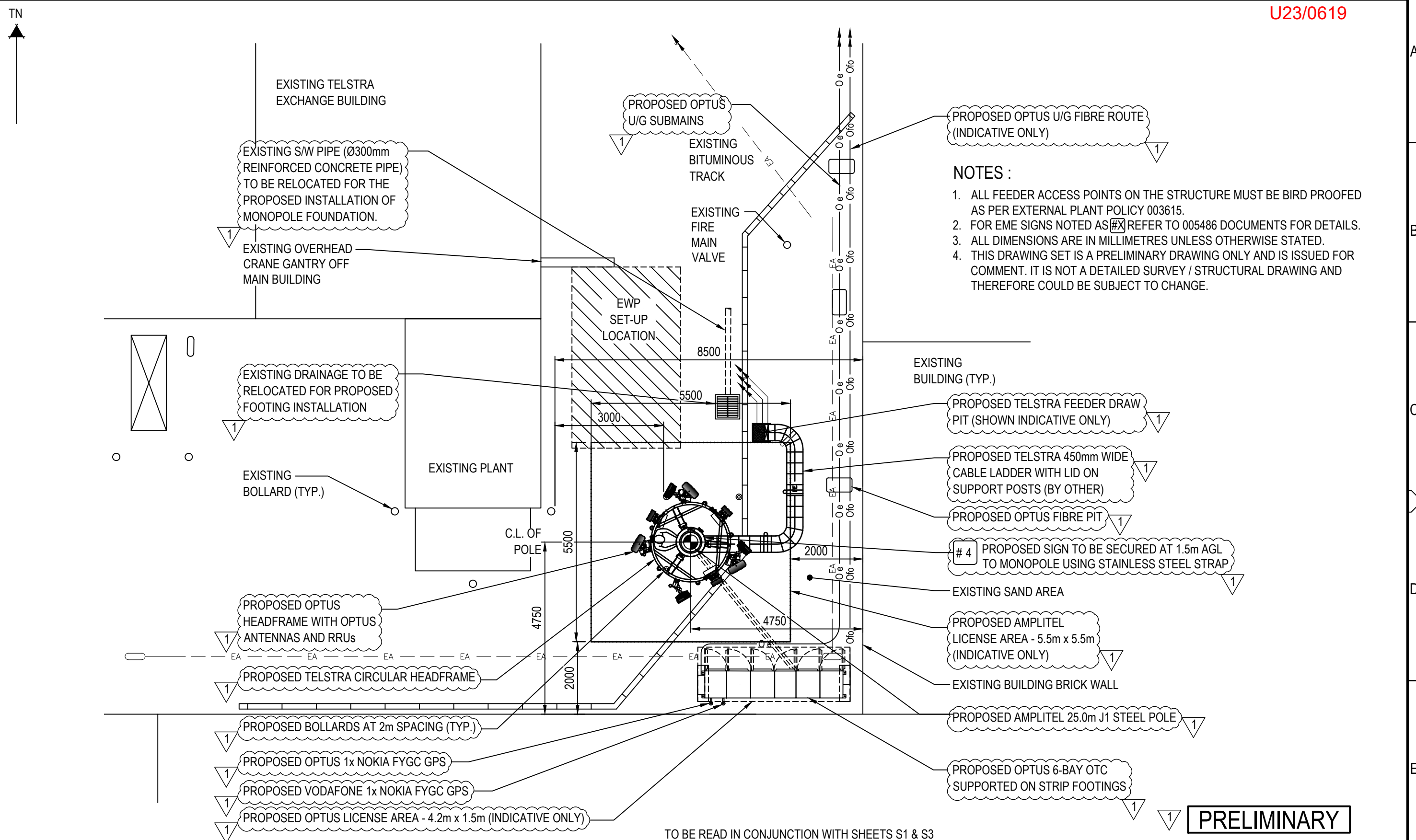
**AMPLITEL**  
Part of the Telstra Group

**TOWER AMS SITE WA008336**  
**PALMYRA EXCHANGE**  
SITE ACCESS AND LOCALITY PLAN  
273 CANNING HIGHWAY, PALMYRA, WA 6157

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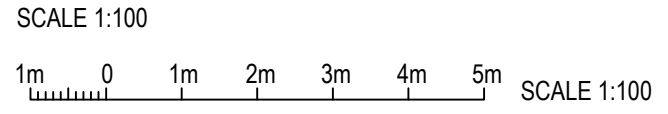
DWG NO.	<b>WA008336</b>	SHT NO.	S1
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Plot date: 9 November 2023 - 5:17 PM



- NOTES :**
1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
  2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
  3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
  4. THIS DRAWING SET IS A PRELIMINARY DRAWING ONLY AND IS ISSUED FOR COMMENT. IT IS NOT A DETAILED SURVEY / STRUCTURAL DRAWING AND THEREFORE COULD BE SUBJECT TO CHANGE.

**SITE LAYOUT**



UNAPPROVED  
DRAWING

TO BE READ IN CONJUNCTION WITH SHEETS S1 & S3

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
WA12034.01	SH	JL	PRELIM-30098653W001-WCDMA850/LTE700/1800/2100/2600/NR850/3600/26000	RO	RW	30.05.23	1

PRELIMINARY

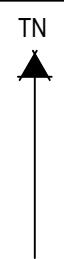


**TOWER AMS SITE WA008336**  
PALMYRA EXCHANGE  
SITE LAYOUT  
273 CANNING HIGHWAY, PALMYRA, WA 6157

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DWG NO. **WA008336** SHT NO. S1-1

Plot date: 9 November 2023 - 5:17 PM



PROPOSED OPTUS: 1X MEDIUM IPAA PFAE (AQY\_I)  
@ E.L 20M + 1X AENB @ E.L 21.7 PER SECTOR

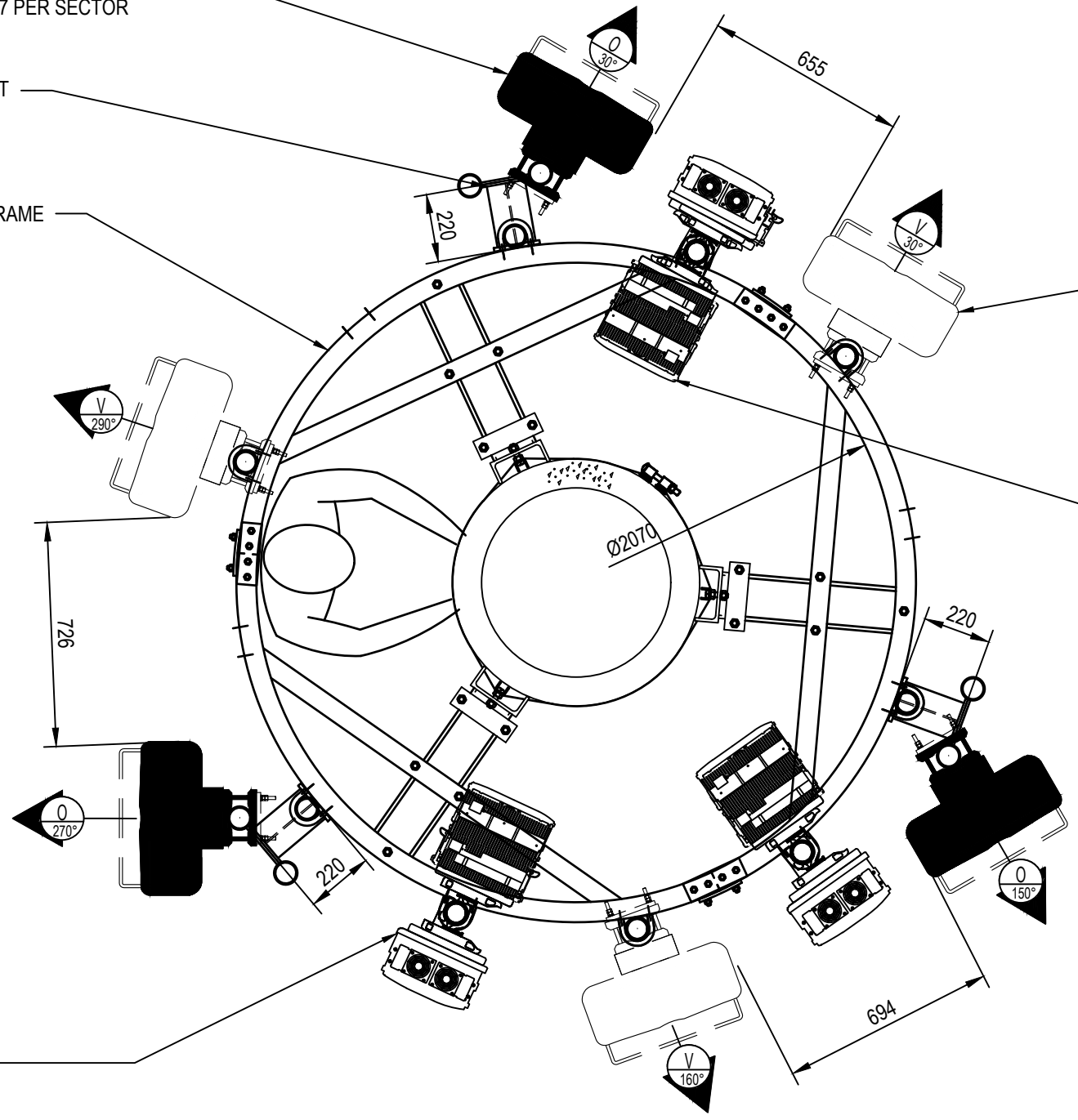
PROPOSED STAND-OFF MOUNT  
(TYP.)

PROPOSED CIRCULAR HEADFRAME

PROPOSED VODA: 1X MEDIUM 12P  
RR2VV-6533B-R6-EC @E.L 20M + 1X AEQE @E.L 21.7  
PER SECTOR

PROPOSED VODA RRU  
3 X AHPB(1 PER SECTOR)  
3 X AHCA(1 PER SECTOR)  
6 AHEGC (2 PER SECTOR)  
6X E14F06P81 (2 PER SECTOR)  
BEHIND PANEL ANTENNAS

PROPOSED OPTUS RRU  
3 X AHPDC(1 PER SECTOR)  
3 X AHEGHA(1 PER SECTOR)  
ON RRU MOUNT  
6X 850 REJ DUAL FILTER(2 PER SECTOR)  
BEHIND PANEL ANTENNAS



**ANTENNA LAYOUT AT EL. 19.0m - 21.7m**

SCALE 1:20  
200 0 1000 SCALE 1:20

TO BE READ IN CONJUNCTION WITH SHEETS S1 & S3

**PRELIMINARY**

**UNAPPROVED  
DRAWING**



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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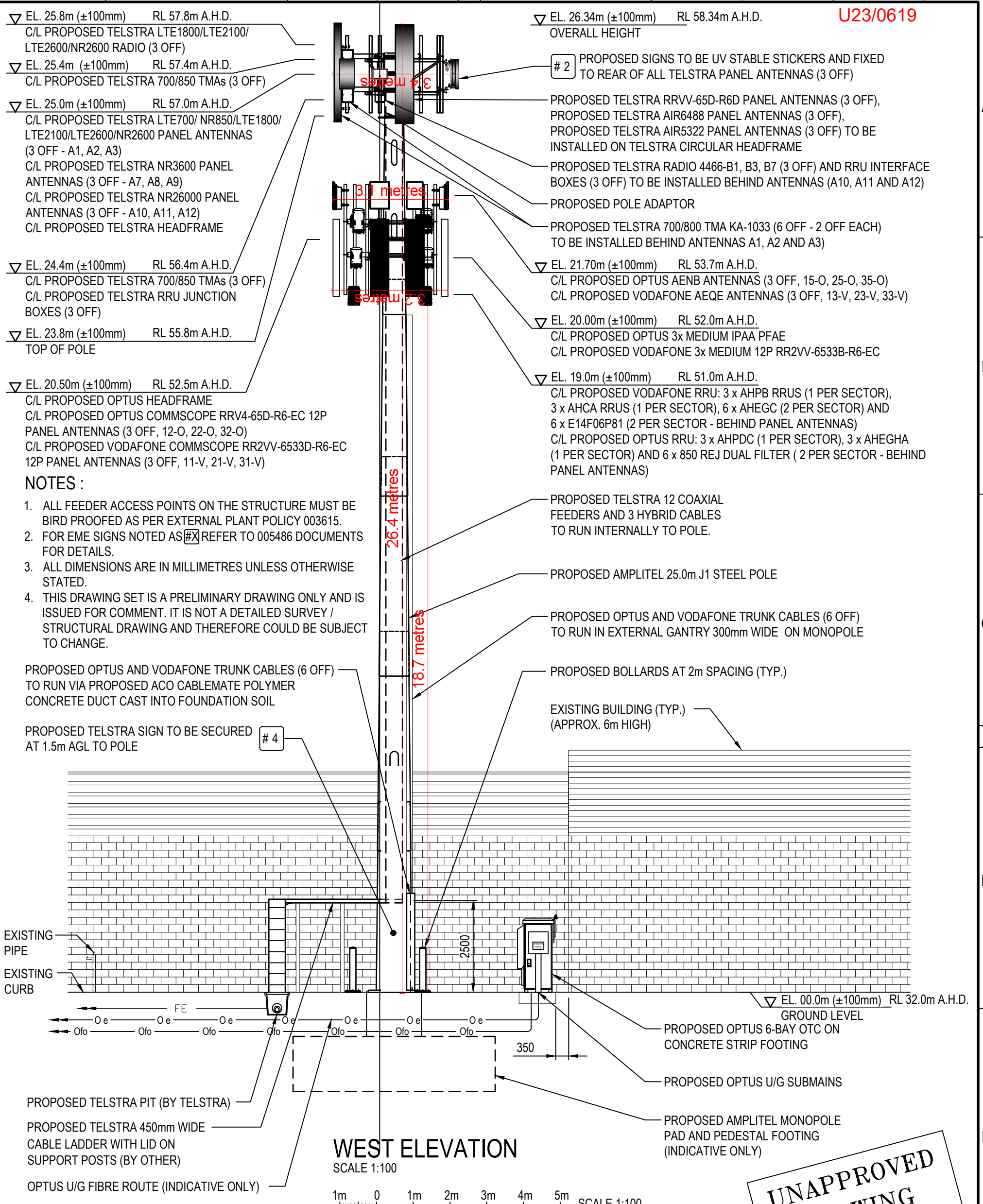


**TOWER AMS SITE WA008336  
PALMYRA EXCHANGE**  
ANTENNA LAYOUT AT EL. 19.0m - 21.7m  
273 CANNING HIGHWAY, PALMYRA, WA 6157

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DWG NO. **WA008336** SHT NO. S2

Cad file: 05066SDC-PASSIVE.DWG



▽ EL. 25.8m (±100mm) RL 57.8m A.H.D.  
C/L PROPOSED TELSTRA LTE1800/LTE2100/  
LTE2600/NR2600 RADIO (3 OFF)

▽ EL. 25.4m (±100mm) RL 57.4m A.H.D.  
C/L PROPOSED TELSTRA 700/850 TMAs (3 OFF)

▽ EL. 25.0m (±100mm) RL 57.0m A.H.D.  
C/L PROPOSED TELSTRA LTE700/ NR850/LTE1800/  
LTE2100/LTE2600/NR2600 PANEL ANTENNAS  
(3 OFF - A1, A2, A3)  
C/L PROPOSED TELSTRA NR3600 PANEL  
ANTENNAS (3 OFF - A7, A8, A9)  
C/L PROPOSED TELSTRA NR26000 PANEL  
ANTENNAS (3 OFF - A10, A11, A12)  
C/L PROPOSED TELSTRA HEADFRAME

▽ EL. 26.34m (±100mm) RL 58.34m A.H.D.  
OVERALL HEIGHT

# 2 PROPOSED SIGNS TO BE UV STABLE STICKERS AND FIXED  
TO REAR OF ALL TELSTRA PANEL ANTENNAS (3 OFF)

PROPOSED TELSTRA RRVV-65D-R6D PANEL ANTENNAS (3 OFF),  
PROPOSED TELSTRA AIR6488 PANEL ANTENNAS (3 OFF),  
PROPOSED TELSTRA AIR5322 PANEL ANTENNAS (3 OFF) TO BE  
INSTALLED ON TELSTRA CIRCULAR HEADFRAME

PROPOSED TELSTRA RADIO 4466-B1, B3, B7 (3 OFF) AND RRU INTERFACE  
BOXES (3 OFF) TO BE INSTALLED BEHIND ANTENNAS (A10, A11 AND A12)

PROPOSED POLE ADAPTOR

PROPOSED TELSTRA 700/800 TMA KA-1033 (6 OFF - 2 OFF EACH)  
TO BE INSTALLED BEHIND ANTENNAS A1, A2 AND A3)

▽ EL. 21.70m (±100mm) RL 53.7m A.H.D.  
C/L PROPOSED OPTUS AENB ANTENNAS (3 OFF, 15-O, 25-O, 35-O)  
C/L PROPOSED VODAFONE AEQE ANTENNAS (3 OFF, 13-V, 23-V, 33-V)

▽ EL. 20.00m (±100mm) RL 52.0m A.H.D.  
C/L PROPOSED OPTUS 3x MEDIUM IPAA PFPAE  
C/L PROPOSED VODAFONE 3x MEDIUM 12P RR2VV-6533B-R6-EC

▽ EL. 19.0m (±100mm) RL 51.0m A.H.D.  
C/L PROPOSED VODAFONE RRU: 3 x AHPB RRUS (1 PER SECTOR),  
3 x AHCA RRUS (1 PER SECTOR), 6 x AHEGC (2 PER SECTOR) AND  
6 x E14F06P81 (2 PER SECTOR - BEHIND PANEL ANTENNAS)  
C/L PROPOSED OPTUS RRU: 3 x AHPDC (1 PER SECTOR), 3 x AHEGHA  
(1 PER SECTOR) AND 6 x 850 REJ DUAL FILTER ( 2 PER SECTOR - BEHIND  
PANEL ANTENNAS)

▽ EL. 24.4m (±100mm) RL 56.4m A.H.D.  
C/L PROPOSED TELSTRA 700/850 TMAs (3 OFF)  
C/L PROPOSED TELSTRA RRU JUNCTION  
BOXES (3 OFF)

▽ EL. 23.8m (±100mm) RL 55.8m A.H.D.  
TOP OF POLE

▽ EL. 20.50m (±100mm) RL 52.5m A.H.D.  
C/L PROPOSED OPTUS HEADFRAME  
C/L PROPOSED OPTUS COMMSCOPE RRV4-65D-R6-EC 12P  
PANEL ANTENNAS (3 OFF, 12-O, 22-O, 32-O)  
C/L PROPOSED VODAFONE COMMSCOPE RR2VV-6533D-R6-EC  
12P PANEL ANTENNAS (3 OFF, 11-V, 21-V, 31-V)

NOTES :

1. ALL FEEDER ACCESS POINTS ON THE STRUCTURE MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
2. FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
4. THIS DRAWING SET IS A PRELIMINARY DRAWING ONLY AND IS ISSUED FOR COMMENT. IT IS NOT A DETAILED SURVEY / STRUCTURAL DRAWING AND THEREFORE COULD BE SUBJECT TO CHANGE.

PROPOSED OPTUS AND VODAFONE TRUNK CABLES (6 OFF)  
TO RUN VIA PROPOSED ACO CABLEMATE POLYMER  
CONCRETE DUCT CAST INTO FOUNDATION SOIL

PROPOSED TELSTRA SIGN TO BE SECURED # 4  
AT 1.5m AGL TO POLE

PROPOSED TELSTRA 12 COAXIAL  
FEEDERS AND 3 HYBRID CABLES  
TO RUN INTERNALLY TO POLE.

PROPOSED AMPLITEL 25.0m J1 STEEL POLE

PROPOSED OPTUS AND VODAFONE TRUNK CABLES (6 OFF)  
TO RUN IN EXTERNAL GANTRY 300mm WIDE ON MONOPOLE

PROPOSED BOLLARDS AT 2m SPACING (TYP.)

EXISTING BUILDING (TYP.)  
(APPROX. 6m HIGH)

EXISTING  
PIPE

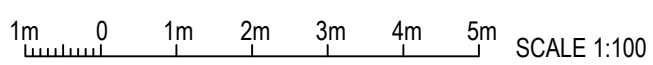
EXISTING  
CURB

PROPOSED TELSTRA PIT (BY TELSTRA)

PROPOSED TELSTRA 450mm WIDE  
CABLE LADDER WITH LID ON  
SUPPORT POSTS (BY OTHER)

OPTUS U/G FIBRE ROUTE (INDICATIVE ONLY)

WEST ELEVATION  
SCALE 1:100



▽ EL. 00.0m (±100mm) RL 32.0m A.H.D.  
GROUND LEVEL

PROPOSED OPTUS 6-BAY OTC ON  
CONCRETE STRIP FOOTING

PROPOSED OPTUS U/G SUBMAINS

PROPOSED AMPLITEL MONOPOLE  
PAD AND PEDESTAL FOOTING  
(INDICATIVE ONLY)

**UNAPPROVED  
DRAWING**

**PRELIMINARY**

TO BE READ IN CONJUNCTION WITH SHEETS S1 & S1-1.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
WA12034.01	SH	JL	PRELIM-30098653W001-WCDMA850/LTE700/1800/2100/2600/NR850/3600/26000	RO	RW	09.11.23	1

**AMPLITEL**  
Part of the Telstra Group

**TOWER AMS SITE WA008336  
PALMYRA EXCHANGE**

WEST ELEVATION  
273 CANNING HIGHWAY, PALMYRA, WA 6157

DWG NO. **WA008336** SHT NO. **S3**

