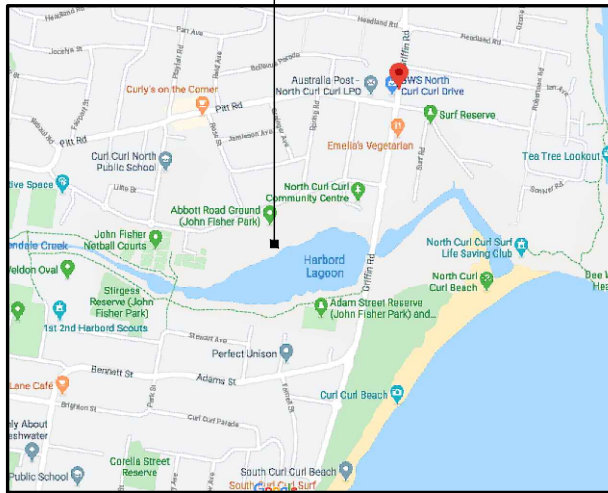


PROPOSED OPTUS
BASE STATION



LOCALITY MAP

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PROPOSED OPTUS RRU's (14 OFF),
MHAs, COMBINERS ON PROPOSED
TURRET MOUNTS (TYP)

PROPOSED OPTUS 22.5m HIGH
SLIMLINE MONOPOLE

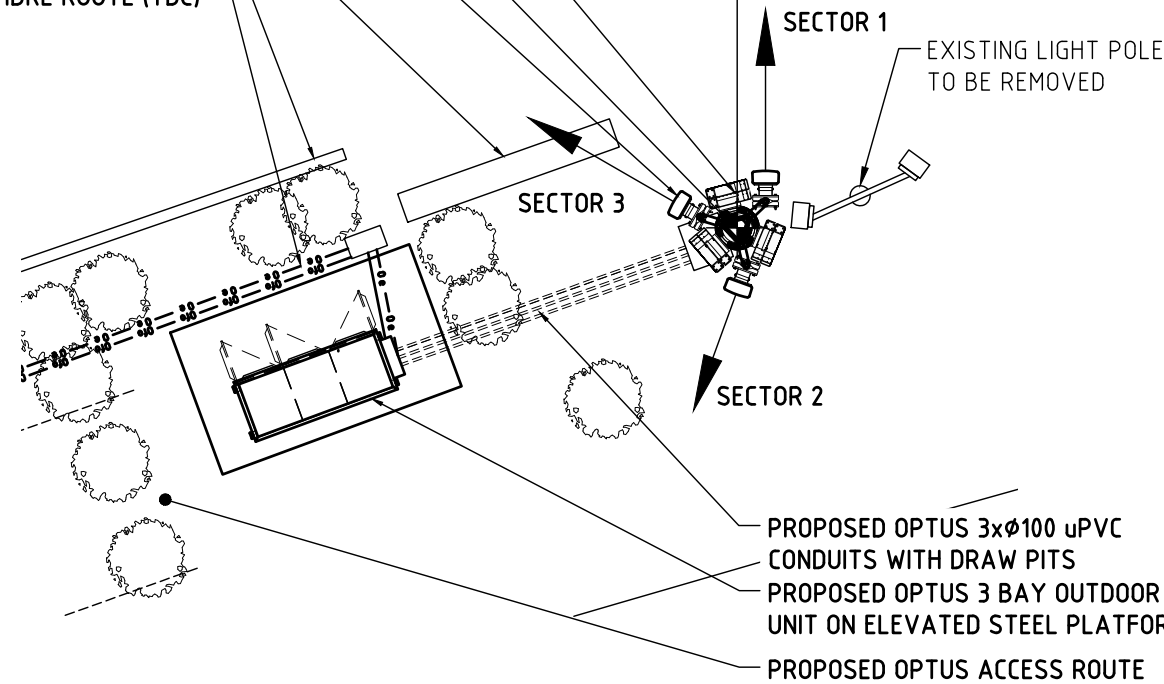
PROPOSED OPTUS 10P PANEL
ANTENNAS (3-OFF) ON
PROPOSED TURRET MOUNTS

EXISTING BENCH

EXISTING BASEBALL MESH

PROPOSED OPTUS POWER &
FIBRE ROUTE (TBC)

MGA ZONE 56
E 341 903
N 6 262 499
AT € MONOPOLE



SECTOR 1

EXISTING LIGHT POLE
TO BE REMOVED

SECTOR 3

SECTOR 2

PROPOSED OPTUS 3xØ100 uPVC
CONDUITS WITH DRAW PITS

PROPOSED OPTUS 3 BAY OUTDOOR
UNIT ON ELEVATED STEEL PLATFORM

PROPOSED OPTUS ACCESS ROUTE

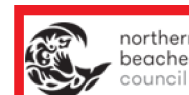
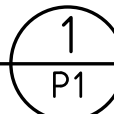
EXISTING BUILDING

PROPOSED OPTUS POWER
& FIBRE ROUTE (TBC)

PROPOSED OPTUS INSTALLATION

PROPOSED OPTUS ACCESS ROUTE

DETAIL
SCALE 1:100



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CONJUNCTION WITH
THE CONDITIONS OF DEVELOPMENT
CONSENT**

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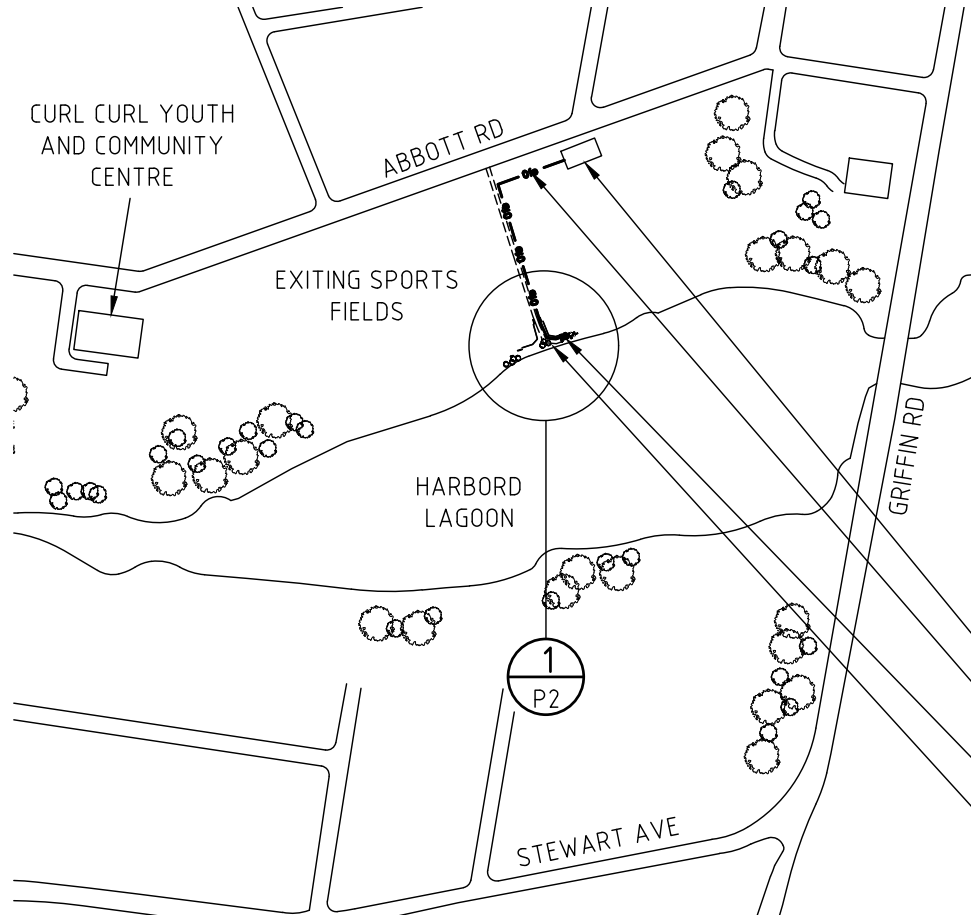
NOTE:
THIS DRAWING IS DIAGRAMMATIC ONLY
AND SHOULD NOT BE SCALED.
DIMENSIONS, COORDINATES, AND LEVELS
SHOWN ARE NOMINAL AND SUBJECT TO
CONFIRMATION BY SURVEYOR.

SITE ADDRESS:

LOT 7356 DP1167221
ABBOTT ROAD SPORTSGROUND
NORTH CURL CURL NSW 2096

NOTES:

- BASIS OF DESIGN**
 - > SITE INSPECTION 20/10/15
- PANEL ANTENNAS**
 - > 1 OFF PER SECTOR (EACH 2.7m LONG) AT EL 23.90m
 - > SECTOR 1 - 0°, SECTOR 2 - 200°, SECTOR 3 - 300°
 - > MOUNTED ON PROPOSED TURRET MOUNTS
- TRANSMISSION**
 - > FIBRE OPTUS TO CONFIRMED
- OUTDOOR CABINET**
 - > 3 BAY OUTDOOR UNIT (2254Lx926Wx2126H), COLOURED "PALE EUCALYPT/PAPER BARK" ON ELEVATED STEEL PLATFORM.
- OPTUS MONOPOLE**
 - > 22.5m HIGH MONOPOLE WITH TURRET MOUNT AT EL 23.9m.
- FEEDER CABLES/ HYBRID TRUNK CABLES**
 - > SIZE: 9/18 TRUNK CABLES (2 OFF) + AVAS5-50 FEEDERS (6 OFF)
 - > LENGTH: 30m APPROX.
- SITE ACCESS**
 - > VIA ABBOTT ROAD
- ANTENNA ACCESS**
 - > VIA CHERRY PICKER
- POWER SUPPLY**
 - > 3-PHASE 63 AMP POWER SUPPLY TO BE PROVIDED
 - > DETAILS TO BE CONFIRMED/ADVISED.
- OTHER (PAINTING, LANDSCAPING, SCREENING)**
 - > LOCATED IN FLOOD ZONE.
 - > EXISTING FLOOD LIGHT POLE TO BE REMOVED, LIGHTS TO BE RELOCATED TO THE NEW OPTUS MONOPOLE AT CL 22.0m.



OVERALL SITE PLAN

SCALE 1:5000

01	30.04.20	ISSUED FOR APPROVAL	LENLEASE	GM	TA	SK	SK
Rev	Date	Revision Details	Consultant	CAD	Designer	Verifier	Approver



Client:

Project:

MOBILE NETWORK
AUSTRALIA
SITE No:- S2711 -
CURL CURL BEACH
ABBOTT ROAD SPORTSGROUND

Drawing Title:

DRAFT SITE LAYOUT
SHEET 1 OF 2

Drawing Status:

FOR APPROVAL

Drawing No.

S2711-P1

Revision

01

PROPOSED OPTUS GPS ANTENNA
(1-OFF) TO BE INSTALLED ON TURRET

PROPOSED OPTUS 10P PANEL ANTENNAS
(3-OFF), (MHAs AND COMBINERS TO BE
INSTALLED BEHIND PANEL ANTENNAS)

EXISTING LIGHTS TO BE ACCOMMODATED
ON NEW OPTUS MONOPOLE

PROPOSED OPTUS TURRET MOUNT ON
PROPOSED MONOPOLE

PROPOSED OPTUS 22.5m HIGH MONOPOLE

PROPOSED OPTUS HYBRID TRUNK AND
FEEDERS TO RUN INSIDE THE MONOPOLE

EXISTING OCTAGONAL STEEL FLOOD LIGHT
POLE TO BE REMOVED AND LIGHTS TO BE
RELOCATED TO PROPOSED OPTUS MONOPOLE

- ▽ EL 25.70m
TOP OF STRUCTURE
- ▽ EL 24.40m
€ OPTUS RRUs (2 OFF)
- ▽ EL 23.90m
€ OPTUS PANEL ANTENNAS (3 OFF)
€ OPTUS RRUs (6 OFF)
- ▽ EL 23.00m
€ OPTUS RRUs (6 OFF)
- ▽ EL 22.50m
TOP OF MONOPOLE
- ▽ EL 22.00m
€ RELOCATED FLOODLIGHTS

NOTE:
THIS DRAWING IS DIAGRAMMATIC ONLY
AND SHOULD NOT BE SCALED.

NOTE:
EXISTING ANTENNAS AS SHOWN ARE INDICATIVE
ONLY AND ARE BASED ON INFORMATION SUPPLIED
BY OTHERS AND/OR BY INSPECTION ON SITE.

EXISTING 13m HIGH TREES APPROX.



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CONSENT**

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PROPOSED LANDSCAPE TO
SCREEN THE 3 BAY OTC

PROPOSED OPTUS 3 BAY ODU
ON ELEVATED STEEL PLATFORM

▽ EL 0.70m APPROX. (TBC)
TOP OF STEEL PLATFORM

PROPOSED OPTUS 3xØ100 uPVC CONDUITS
PROPOSED OPTUS PIT

0.00m EL ▽
GROUND LEVEL

NORTH WEST ELEVATION

SCALE 1:125

Rev	Date	Revision Details	Consultant	CAD	Designer	Verifier	Approver
01	30.04.20	ISSUED FOR APPROVAL	LENLEASE	GM	TA	SK	SK



Client:
OPTUS

Project:
**MOBILE NETWORK
AUSTRALIA
SITE No:- S2711 -
CURL CURL BEACH
ABBOTT ROAD SPORTSGROUND**

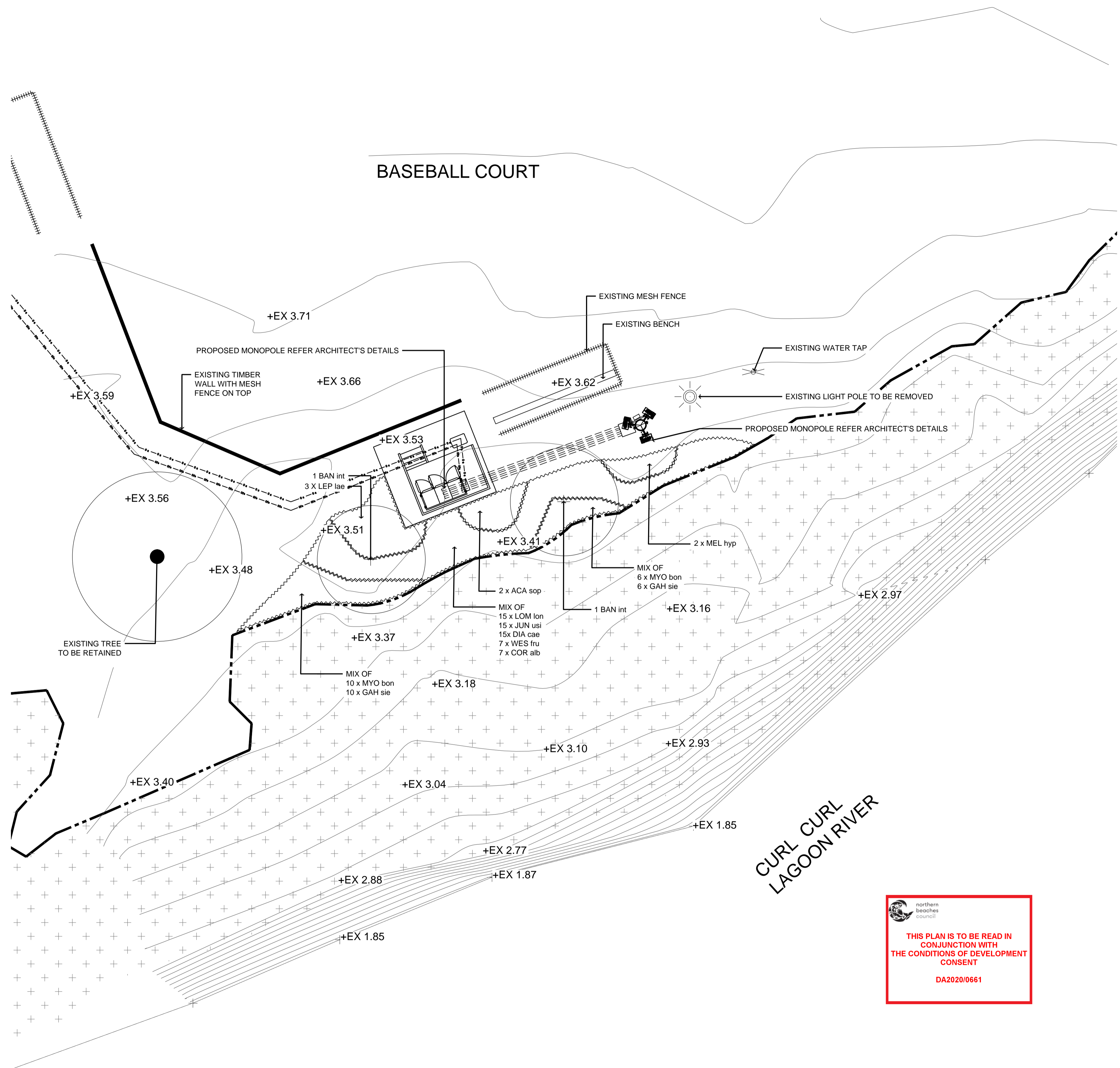
Drawing Title:
DRAFT SITE ELEVATION

Drawing Status:
FOR APPROVAL

Drawing No.
S2711-P2

Revision
01

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LEGEND

- APPROXIMATE EDGE OF EXISTING REHABILITATION PLANTING
- EXISTING TREES
- PROPOSED TREES. SPECIES TO MATCH WITH ADJACENT REHABILITATION PLANTING
- PROPOSED PLANTING. SPECIES TO MATCH WITH ADJACENT REHABILITATION PLANTING
- EXISTING RECENT REHABILITATION PLANTING AT CURL CURL LAGOON
- EXISTING LEVELS
- PROPOSED OPTUS POWER & FIBRE ROUTE (TBC)

PLANTING SCHEDULE

PLANT CODE	BOTANICAL NAME	COMMON NAME	MIN. CALLIPER @300mm height (mm)	MATURITY HEIGHT AND SPREAD (m)	SUPPLY HEIGHT AND SPREAD (m)	CONTAINER SIZE	DENSITY/m ²	QTY	Comments
EXISTING TREE TO BE RETAINED									
TBC	TBC	TBC					as shown	1	
								SUBTOTAL	1
TREES									
BAN int	<i>Banksia Integrifolia</i>	Coast Banksia	na	10m x 6m	na	200L	as shown	2	
								SUBTOTAL	2
SHRUBS									
LEP lae	<i>Leptospermum laevigatum</i>	Coastal Tea Tree	na	3m x 2m	na	200mm	0.5	3	
MEL hyp	<i>Melaleuca hypericifolia</i>	Hillock Bush	na	3m x 2m	na	200mm	0.5	2	
ACA sop	<i>Acacia sophorae</i>	Coastal Wattle	na	3m x 3m	na	200mm	0.5	2	
COR alb	<i>Correa alba</i>	White correa	na	1.5m x 1.5m	na	200mm	2	7	
WES fru	<i>Westringia fruticosa</i>	Coastal Rosemary	na	1.5m x 1.5m	na	200mm	2	7	
								SUBTOTAL	21
GRASSES, GROUNDCOVERS & CLIMBERS									
LOM lon	<i>Lomandra longifolia</i>	Spiny-headed mat rush	na	1m x 1m	na	150mm	2	15	
MYO bon	<i>Myoporum boninense</i>	Myoporum	na	creeping	na	150mm	2	16	
GAH sie	<i>Gahnia siebierana</i>	Red-fruit Saw-sedge	na	1.5m x 1.5m	na	150mm	2	16	
JUN kra	<i>Juncus Kraussii</i>	Sea Rush	na	1m x 1m	na	150mm	2	15	
DIA cae	<i>Dianella caerulea</i>	Creeping bushweed	na	1m x 1m	na	150mm	2	15	
								SUBTOTAL	77
								TOTAL	100


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MAINTENANCE SPECIFICATION

GENERAL SPECIFICATION

Start date- The Establishment Maintenance period begins at the issue of the Certificate of Practical Completion

Tasks- Carry out all maintenance activities for all new garden, gravel and any turf areas as required to ensure the plants and turf (if applicable) become established within the Establishment Maintenance period and are kept in a healthy and tidy state in accordance with best horticultural practices and Council or Facility Manager's requirements.

Maintenance- Includes watering, weeding, mowing, edging, treating pests and disease, replacing failed plants, refinishing of failed or damaged turf/grassed areas, topdressing to grassed areas, mulching, fertilising, and aeration of garden areas, removal/trimming of plant material impeding regulation sightlines. Replacement of degraded timber, resealing timber work, replacement of any corroded, broken or vandalised items, cleaning and/or refinishing of all external surfaces including prompt removal of graffiti. Root hormone application at installation and periodically as required, fertiliser application once new roots have begun to grow (fertiliser is unlikely to be effective until new roots are absorbing water), topping up soil and mulch. Sweep and/or remove from site fallen branches and leaf litter (including any autumn leaf drop), grass clippings and other garden debris. Removal of litter (e.g. lunch wrappings and chip packets) is included. Works must be regular maintained, including repairs, rectifications and establishment. A single maintenance 'run' immediately prior to inspection is not acceptable.

Watering- All tree stock should be hand watered immediately after delivery, prior to planting and immediately after installation. Newly installed nursery stock will require regular solid watering on their original rootball on a regular program at least for the first three months. As a guide advanced trees should be getting minimum 3 watering's per week in mid Summer. The watering / irrigation program should be assessed in conjunction with the supplier based on the daily rate of water the trees were getting in the nursery.

Test, rectify and adjust the watering regimes as necessary to maintain optimum soil moisture levels in all areas. Refer Appendix 3 'Performance Irrigation Specification'

Soil testing- Provide detailed chemical and physical test results of the garden soil prior to the completion of the Establishment Maintenance period. Rectify any identified chemical or physical soil imbalances as per the testing laboratory recommendations prior to the completion of the Establishment Maintenance period.

Replacements- The cost of replacement of failed plants or turf is the responsibility of the Contractor.

Maintenance period- If the maintenance period is extended, it is the Developers responsibility to meet the capital and maintenance costs of elements that require refurbishment.

Maintenance Log- Keep a detailed maintenance log of all activities undertaken including watering regimes and fertiliser applications. This log is to be given to Council and a copy to the Facility Manager at the completion of the Establishment Maintenance period.

On Maintenance Inspection- must:

- a) be requested by contacting Council.
- b) be requested only after lodgement of a completed Pre-On Maintenance Landscape Checklist and all required bonds, certification and documentation.

Off Maintenance Inspection- must:

- a) be requested by contacting Council.
- b) be requested only after lodgement of a completed Pre-Off Maintenance Landscape Checklist and all other required certification and documentation.
- c) be requested only after all works are confirmed in good order.

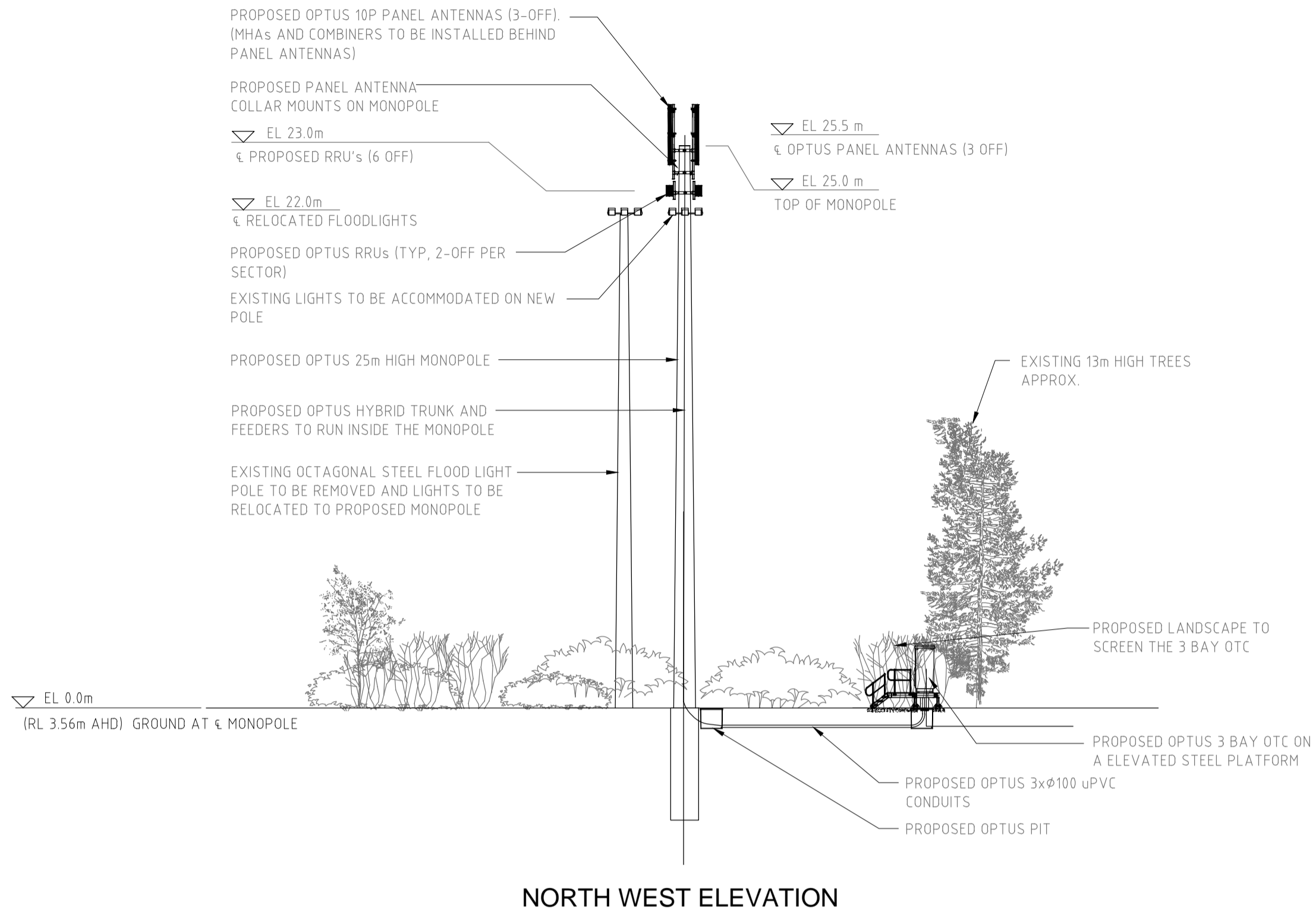
Certificate- Prior to requesting an On Maintenance inspection, the contractor must provide the certificate below to the supervising Landscape Consultant to submit to Council:

- a) Certification that all landscaping works have been completed in accordance with this approval.
- b) A NATSPEC Guidelines: Specifying Trees compliance certification providing all information as identified on the attached Tree Inspection Form (template).
- c) Project Arborist certification that all trees in public land have been inspected and rectification works for public safety and longevity of the tree/s have been completed.
- d) Agronomist/Soil Scientist certifications.
- e) Pavements slip resistance certifications.
- f) As-Constructed landscape plans if the built landscape differs from the approved plans.
- g) All required bonds.

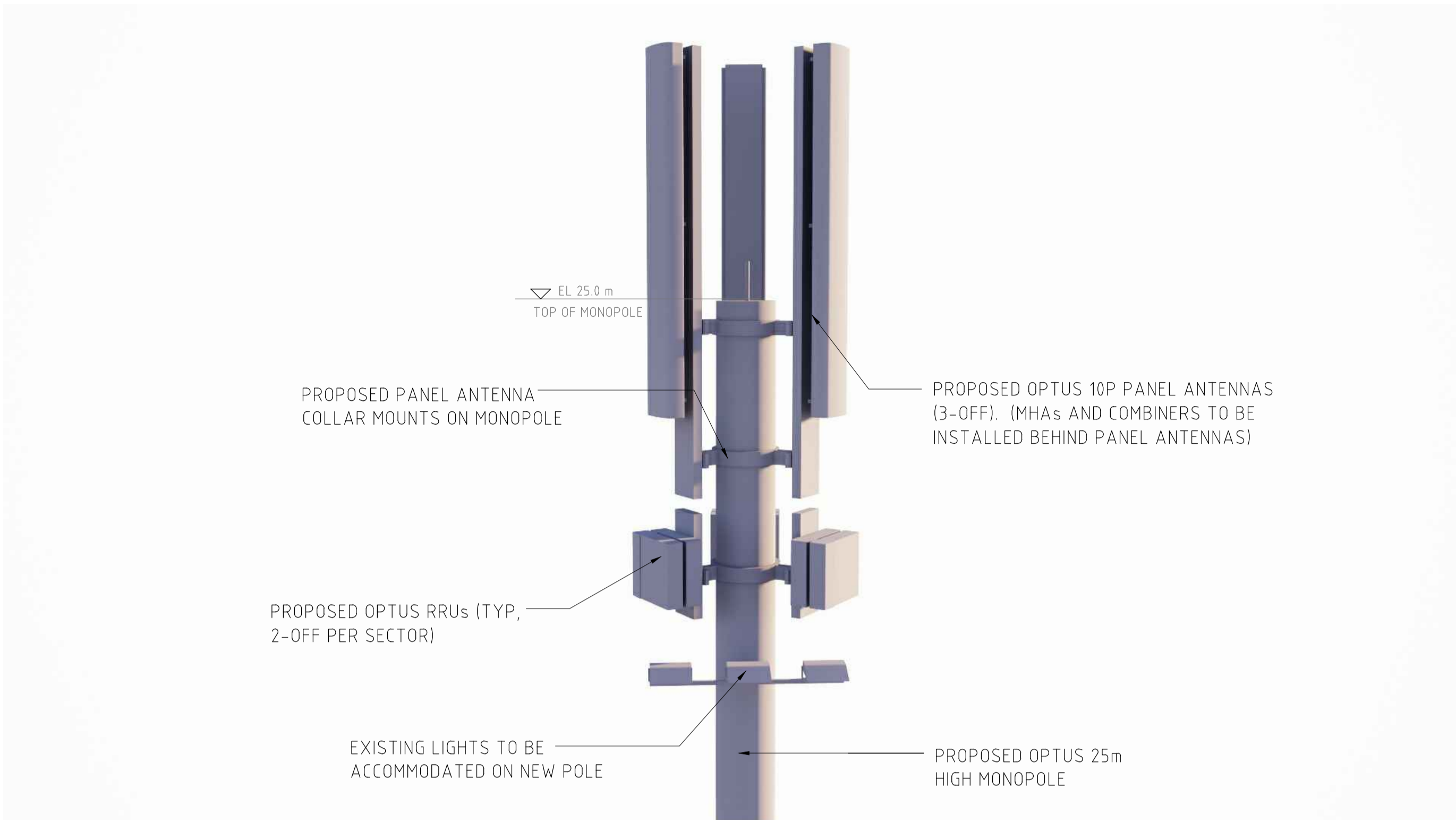


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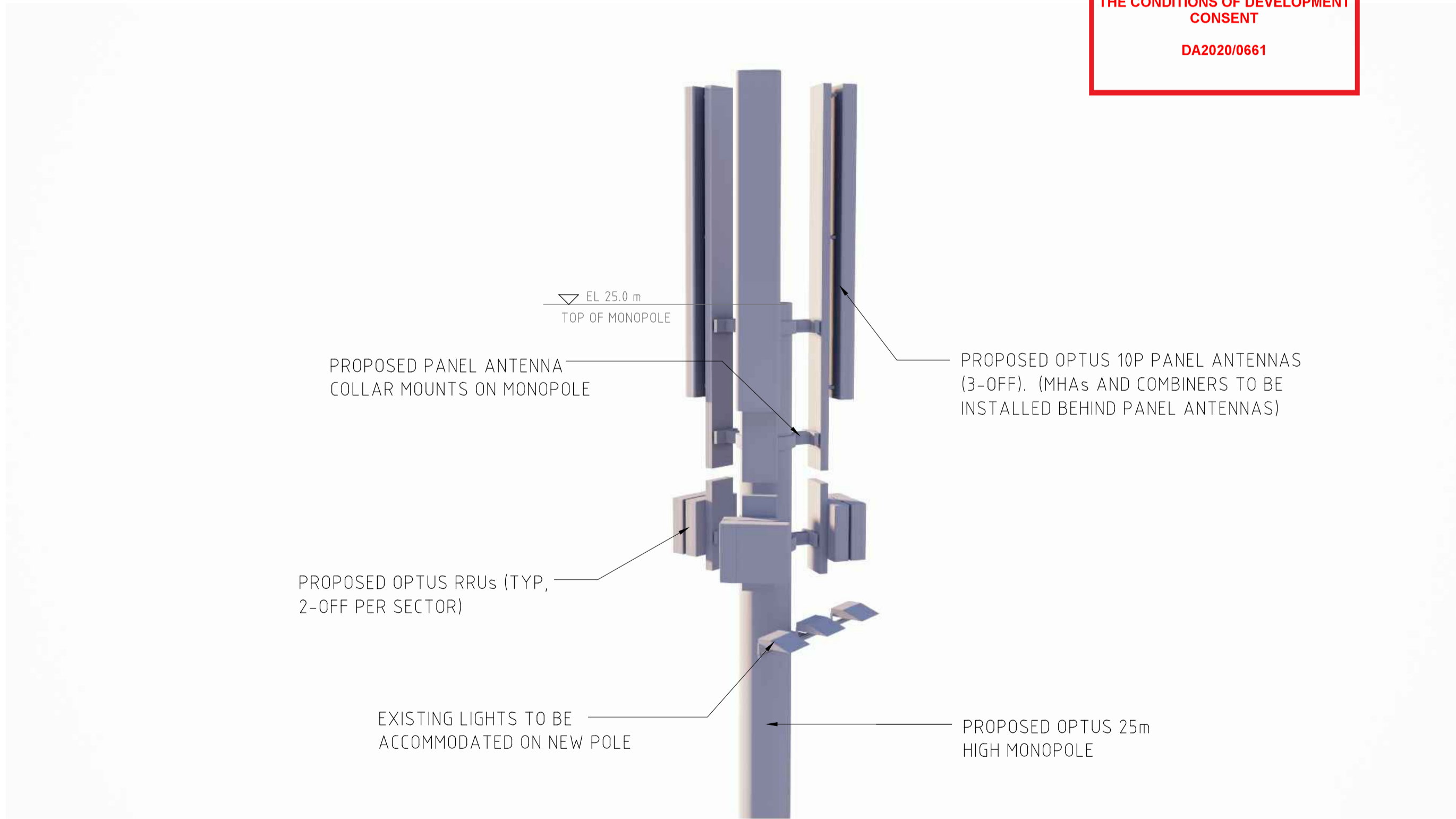
NORTH WEST ELEVATION



northern beaches council

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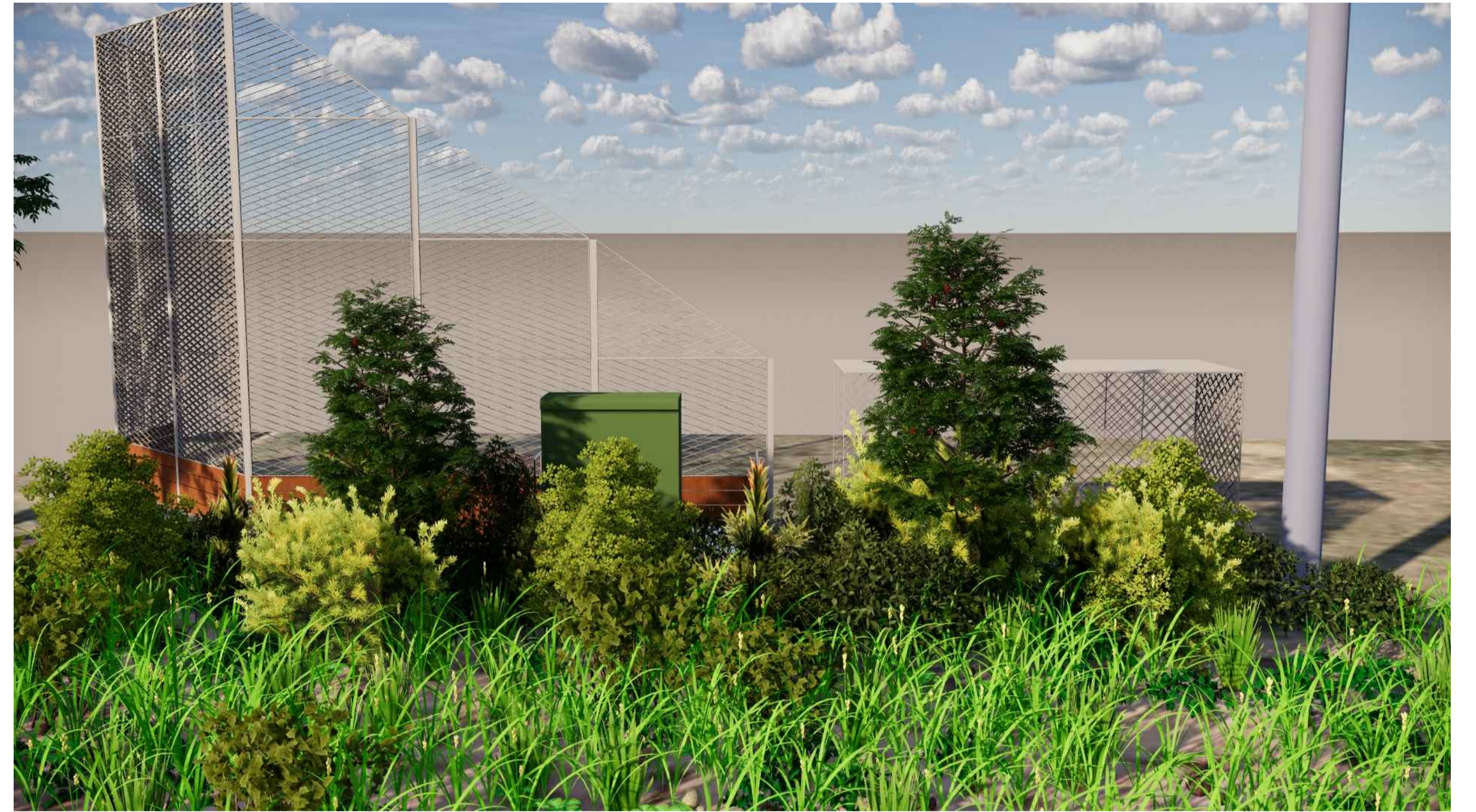
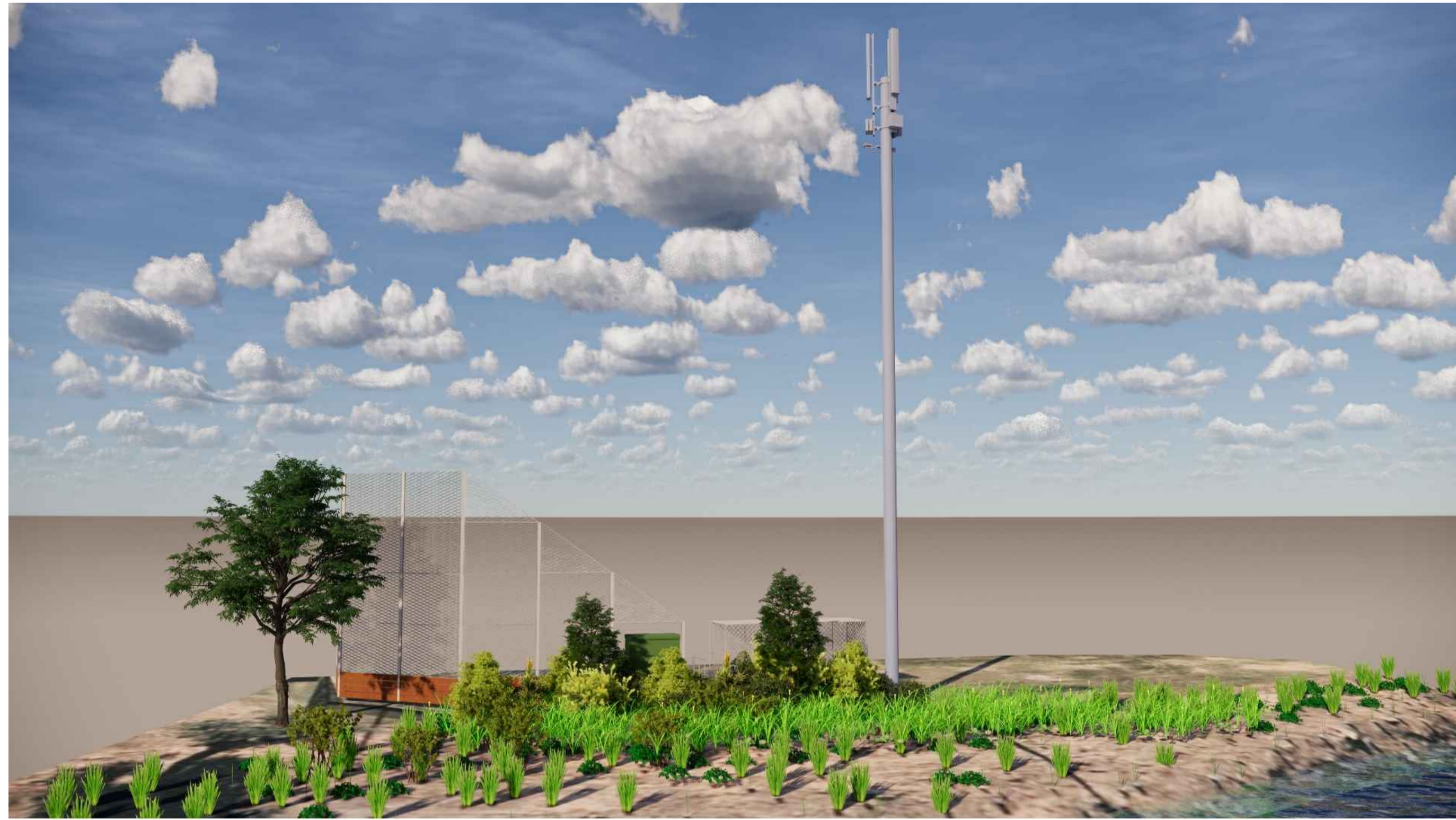
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B	FOR DA	JT	PJ	02.08.19
A	FOR DA	JT	PJ	15.07.19

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PROJECT NO.	DATE
S2711	02.08.19
DRAWING NO.	REVISION
L102	B

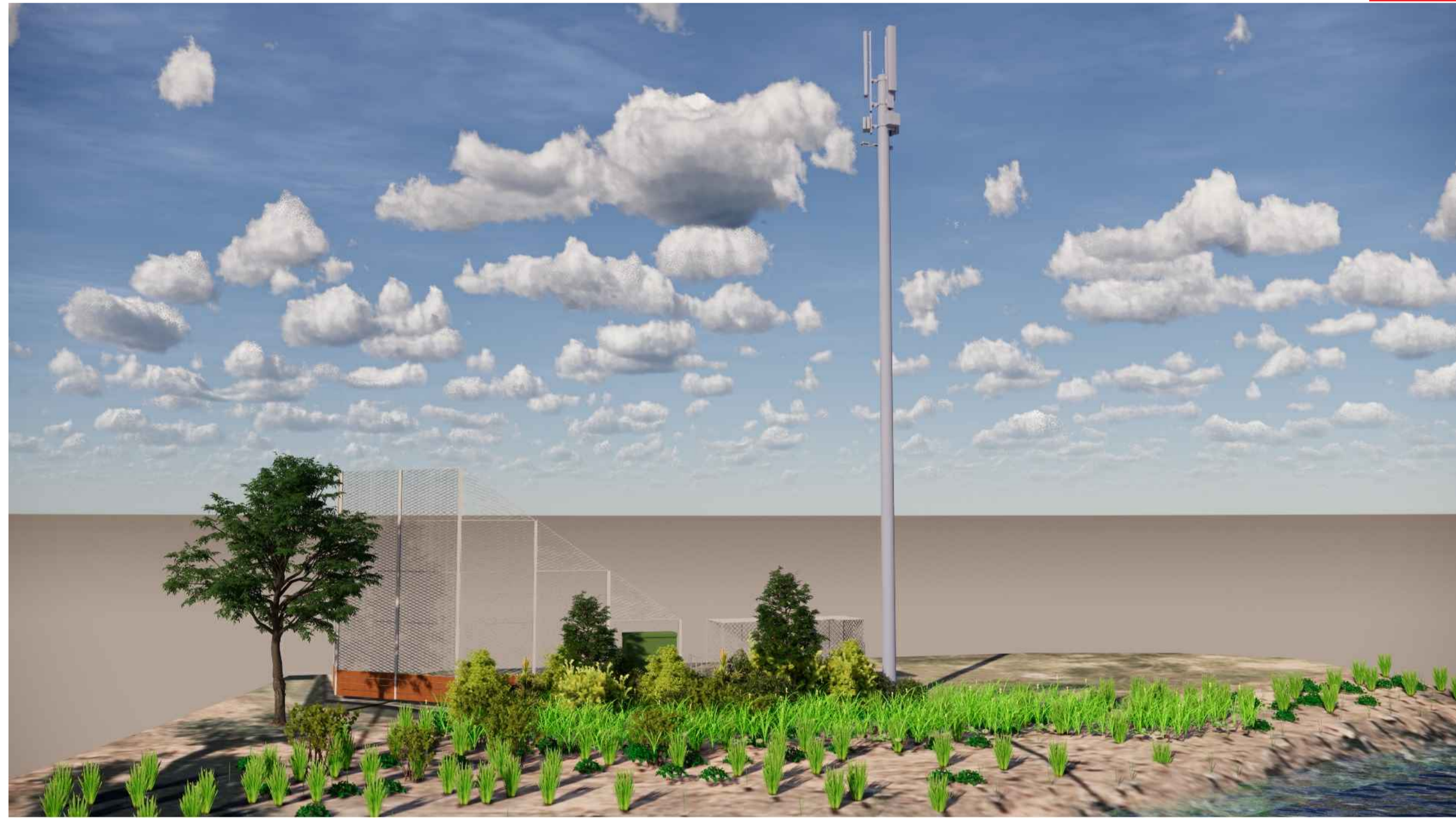
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REV	DESCRIPTION	DWN	CHK	DATE
A	FOR DA	JT	PJ	02.08.19
B	FOR DA	JT	PJ	15.07.19

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PROJECT NO. S2711 DATE 02.08.19
 DRAWING NO. L103 REVISION B

