

ORAN PARK LEISURE CENTRE CIVIL WORKS

GENERAL NOTES

- Contractor must verify all dimensions and existing levels on site prior to commencement of works. Any discrepancies to be reported to the ENGINEER.
- Strip all topsoil from the construction area. All stripped topsoil shall be disposed of off-site unless directed otherwise.
- Make smooth connection with all existing works.
- Compact subgrade under buildings and pavements to minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1. Compaction under buildings to extend 2m minimum beyond building footprint.
- All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority, the Contractor is to ensure that the drawings used for construction have been approved by all relevant authorities prior to commencement site.
- All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority is to be carried out in accordance with the requirements of the relevant Authority. The Contractor shall obtain these requirements from the Authority. Where the requirements of the Authority are different to the drawings and specifications, the requirements of the Authority shall be applicable.
- For all temporary batters refer to geotechnical recommendations.

REFERENCE DRAWINGS

- These drawings have been based from, and to be read in conjunction with the following Consultants drawings. Any conflict to the drawings must be notified immediately to the Engineer.

Consultant	Dwg Title	Dwg No	Rev	Date
WARREN AND MAHONEY	LOWER GROUND FLOOR	A10.001	-	08.06.21
WARREN AND MAHONEY	GROUND FLOOR	A10.002	-	08.06.21
JOHN LOWE AND ASS.	DETAIL SURVEY	99091	-	24.04.20
JMD DESIGN	LANDSCAPE	-	-	01.06.21

SURVEY AND SERVICES INFORMATION

SURVEY

Origin of levels : AHQ
Datum of levels : AHQ
Coordinate system : MGA GDA94
Survey prepared by : JOHN LOWE AND ASSOCIATES
Setout Points : SSM 193408

Taylor Thomson Whitting does not guarantee that the survey information shown on these drawings is accurate and will accept no liability for any inaccuracies in the survey information provided to us from any cause whatsoever.

UNDERGROUND SERVICES - WARNING

The locations of underground services shown on Taylor Thomson Whittings drawings have been plotted from diagrams provided by service authorities. This information has been prepared solely for the authorities own use and may not necessarily be updated or accurate.

The position of services as recorded by the authority at the time of installation may not reflect changes in the physical environment subsequent to installation.

Taylor Thomson Whitting does not guarantee that the services information shown on these drawings shows more than the presence or absence of services, and will accept no liability for inaccuracies in the services information shown from any cause whatsoever.

The Contractor must confirm the exact location and extent of services prior to construction and notify any conflict with the drawings immediately to the Engineer/Superintendent.

The contractor is to get approval from the relevant state survey department, to remove/adjust any survey mark. This includes but is not limited to; State Survey Marks (SSM), Permanent Marks (PM), cadastral reference marks or any other survey mark which is to be removed or adjusted in any way.

Taylor Thomson Whitting plans do not indicate the presence of any survey mark. The contractor is to undertake their own search.

BOUNDARY AND EASEMENT NOTE

The property boundary and easement locations shown on Taylor Thomson Whitting drawings have been based from information received from :

Taylor Thomson Whitting makes no guarantees that the boundary or easement information shown is correct.

Taylor Thomson Whitting will accept no liabilities for boundary inaccuracies. The contractor/builder is advised to check/confirm all boundaries in relation to all proposed work prior to the commencement of construction. Boundary inaccuracies found are to be reported to the superintendent prior to construction starting.

KERBING NOTES

Includes all kerbs, gutters, dish drains, crossings and edges.

- All kerbs, gutters, dish drains and crossings to be constructed on minimum 75mm granular basecourse compacted to minimum 98% modified maximum dry density in accordance with AS 1289 5.2.1.
- Expansion joints (EJ) to be formed from 10mm compressible cork filler board for the full depth of the section and cut to profile. Expansion joints to be located at drainage pits, on tangent points of curves and elsewhere at 12m centres except for integral kerbs where the expansion joints are to match the joint locations in slabs. Weakened plane joints to be min 3mm wide and located at 3m centres except for integral kerbs where weakened plane joints are to match the joint locations in slabs.
- Broomed finished to all ramped and vehicular crossings, all other kerbing or dish drains to be steel flint finished.
- In the replacement of kerbs - Existing road pavement is to be sawcut 900mm from lip of gutter. Upon completion of new kerbs, new basecourse and surface is to be laid 900mm wide to match existing materials and thicknesses. Existing allotment drainage pipes are to be built into the new kerb with a 100mm dia hole. Existing kerbs are to be completely removed where new kerbs are shown.

SIGNS AND LINE MARKING NOTES

- Pavement marking and sign posting on public roads shall be in accordance with the requirements of the relevant Road Authority. The contractor shall obtain these requirements from the Road Authority.
- Pavement marking and sign posting to be in accordance with R.T.A. 'Interim Guide to Signs and Markings'.
- Contractor is to provide guide posts, spaced in accordance with AS1742.2. They are to be located near all head walls and pipe outlets.
- Raised pavement markers to be in accordance with AS1742.2
- Where existing pavement marking conflicts with proposed, it is to be removed.
- Lane widths do not include width of gutter.
- Line marking plan does not define boundaries.
- Erect temporary sign 'changed traffic conditions ahead' 120m ahead of new work in both directions.
- Establish the location of existing utility services and locate new signs clear of these installations.
- The sloped face of the SF median kerbs which adjoin through lanes, are to be painted white in lieu of an E3 edge line. The reflective pavement markers normally associated with an E3 edge line are to be located on the pavement adjacent to the SF kerb.
- Bicycle pavement markings and sign posting to be in accordance with Austroads Standards.
- The design of major directional sign posting to be prepared and assessed by the R.T.A.

STORMWATER DRAINAGE NOTES

1 Stormwater Design Criteria :

(A) Average exceedance probability -
1% AEP for roof drainage to first external pit
5% AEP for paved and landscaped areas

(B) Rainfall intensities -
Time of concentration: 5 minutes
1% AEP = 247 mm/hr
5% AEP = 163 mm/hr

(C) Rainfall losses -
Impervious areas: IL = 1.5 mm, CL = 0 mm/hr
Pervious areas: IL = 38.0 mm, CL = 3.7 mm/hr

- Pipes 300 dia and larger to be reinforced concrete Class "2" approved spigot and socket with rubber ring joints U.N.O.
- Pipes up to 300 dia shall be sewer grade uPVC with solvent welded joints.
- Equivalent strength VCP or FRP pipes may be used subject to approval.
- Precast pits may be used external to the building subject to approval by Engineer
- Enlargers, connections and junctions to be manufactured fittings where pipes are less than 300 dia.
- Where subsol drains pass under floor slabs and vehicular pavements, unslotted uPVC sewer grade pipe is to be used.
- Grates and covers shall conform with AS 3996-2006, and AS 1428.1 for access requirements.
- Pipes are to be installed in accordance with AS 3725. All bedding to be type H2 U.N.O.
- Care is to be taken with levels of stormwater lines. Grades shown are not to be reduced without approval.
- All stormwater pipes to be 150 dia at 1.0% min fall U.N.O.
- Subsoil drains to be slotted flexible uPVC U.N.O.
- Adopt invert levels for pipe installation (grades shown are only nominal).

CONCRETE NOTES

EXPOSURE CLASSIFICATION : External : B2

CONCRETE

Place concrete of the following characteristic compressive strength f_c as defined in AS 1379.

Location	AS 1379 f_c MPa at 28 days	Specified Slump	Nominal Agg. Size
Kerbs	S20	80	20
Retaining wall footing Stormwater pits	S40	80	20

- Use Type "GP" cement, unless otherwise specified.
- All concrete shall be subject to project assessment and testing to AS 1379.
- Consolidate by mechanical vibration. Cure all concrete surfaces as directed in the Specification.
- For all falls in slab, drip grooves, relets, chamfers etc. refer to Architects drawings and specifications.
- Unless shown on the drawings, the location of all construction joints shall be submitted to Engineer for review.
- No holes or chases shall be made in the slab without the approval of the Engineer.
- Conduits and pipes are to be fixed to the underside of the top reinforcement layer.
- Slurry used to lubricate concrete pump lines is not to be used in any structural members.
- All slabs cast on ground require sand blinding with a Concrete Underlay

FORMWORK

- The design, certification, construction and performance of the formwork, falsework and backpropping shall be the responsibility of the contractor. Proposed method of installation and removal of formwork is to be submitted to the superintendent for comment prior to work being carried out.

SITWORKS NOTES

- All basecourse material to comply with RMS specification No 3051 and compacted to minimum 98% modified standard dry density in accordance with AS 1289 5.2.1.
- All trench backfill material shall be compacted to the same density as the adjacent material.
- All service trenches under vehicular pavements shall be backfilled with an approved select material and compacted to a minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1.

PIT SCHEDULE

Note: Grate size does not necessarily reflect pit size, refer pit type details, shown on detail sheets - C61
Final internal pit dimensions are to comply with AS3500

Type	Description	Cover (Clear Opening)	Number
A	Surface inlet pit	900 x 900 Class D galvanised mild steel grate hinged to frame	1-6,22, 27-32
	Junction pit	900 x 900 Class D cast iron cover with concrete infill	7, 23-26
B	Surface inlet pit	600 x 600 Class D galvanised mild steel grate hinged to frame	8-21
n/a	Pit insert	n/a	1,3,5,6,27 32
C	Oil Separator	n/a	33

SAFETY IN DESIGN

Contractor to refer to Appendix B of the Civil Specification for the Civil Risk and Solutions Register.

EXISTING SERVICES

Contractor to be aware existing services are located within the site. Location of all services to be verified by the Contractor prior to commencing works. Contractor to confirm with relevant authority regarding measures to be taken to ensure services are protected or procedures are in place to demolish and/or relocate.

EXISTING STRUCTURES

Contractor to be aware existing structures may exist within the site. To prevent damage to existing structure(s) and/or personnel, site works to be carried out as far as practically possible from existing structure(s).

EXISTING TREES

Contractor to be aware existing trees exist within the site which need to be protected. To prevent damage to trees and/or personnel, site works to be carried out as far as practically possible from existing trees. Advice needs to be sought from Arborist and/or Landscape Architect on measures required to protect trees.

GROUNDWATER

Contractor to be aware ground water levels are close to existing surface level. Temporary de-watering may be required during construction works.

EXCAVATIONS

Deep excavations due to stormwater drainage works is required. Contractor to ensure safe working procedures are in place for works. All excavations to be fenced off and batters adequately supported to approval of Geotechnical Engineer.

GROUND CONDITIONS

Contractor to be aware of the site geotechnical conditions. Refer to geotechnical report by JKGeotechnics 33260Apt Rev1 for details.

HAZARDOUS MATERIALS

Existing asbestos products & contaminated material may be present on site. Contractor to ensure all hazardous materials are identified prior to commencing works. Safe working practices as per relevant authority to be adopted and appropriate PPE to be used when handling all hazardous materials. Refer to geotechnical/environmental report by JKGeotechnics 33260Apt Rev1 for details.

CONFINED SPACES

Contractor to be aware of potential hazards due to working in confined spaces such as stormwater pits, trenches and/or tanks. Contractor to provide safe working methods and use appropriate PPE when entering confined spaces.

MANUAL HANDLING

Contractor to be aware manual handling may be required during construction. Contractor to take appropriate measures to ensure manual handling procedures and assessments are in place prior to commencing works.

WATER POLLUTION

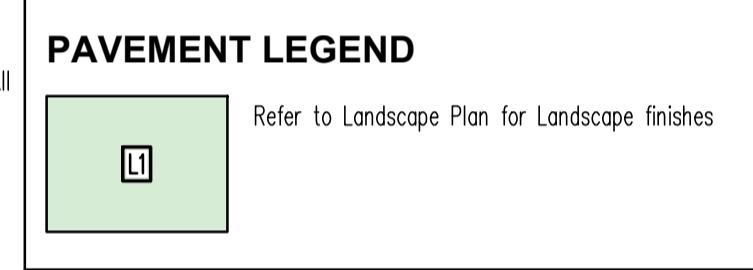
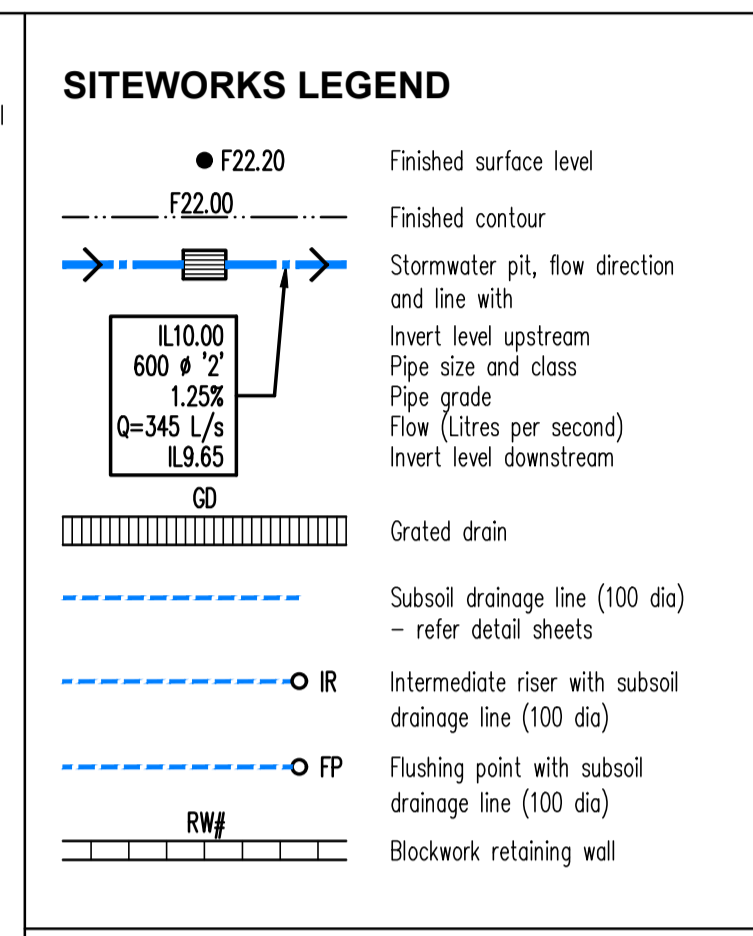
Contractor to ensure appropriate measures are taken to prevent pollutants from construction works contaminating the surrounding environment.

SITE ACCESS/EGRESS

Contractor to be aware site works occur in close proximity to footpaths and roadways. Contractor to erect appropriate barriers and signage to protect site personnel and public.

VEHICLE MOVEMENT

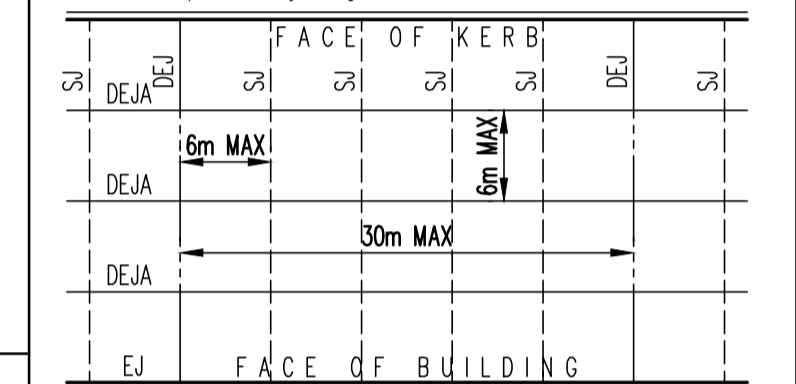
Contractor to supply and comply with traffic management plan and provide adequate site traffic control including a certified traffic marshal to supervise vehicle movements where necessary.



JOINTING NOTES

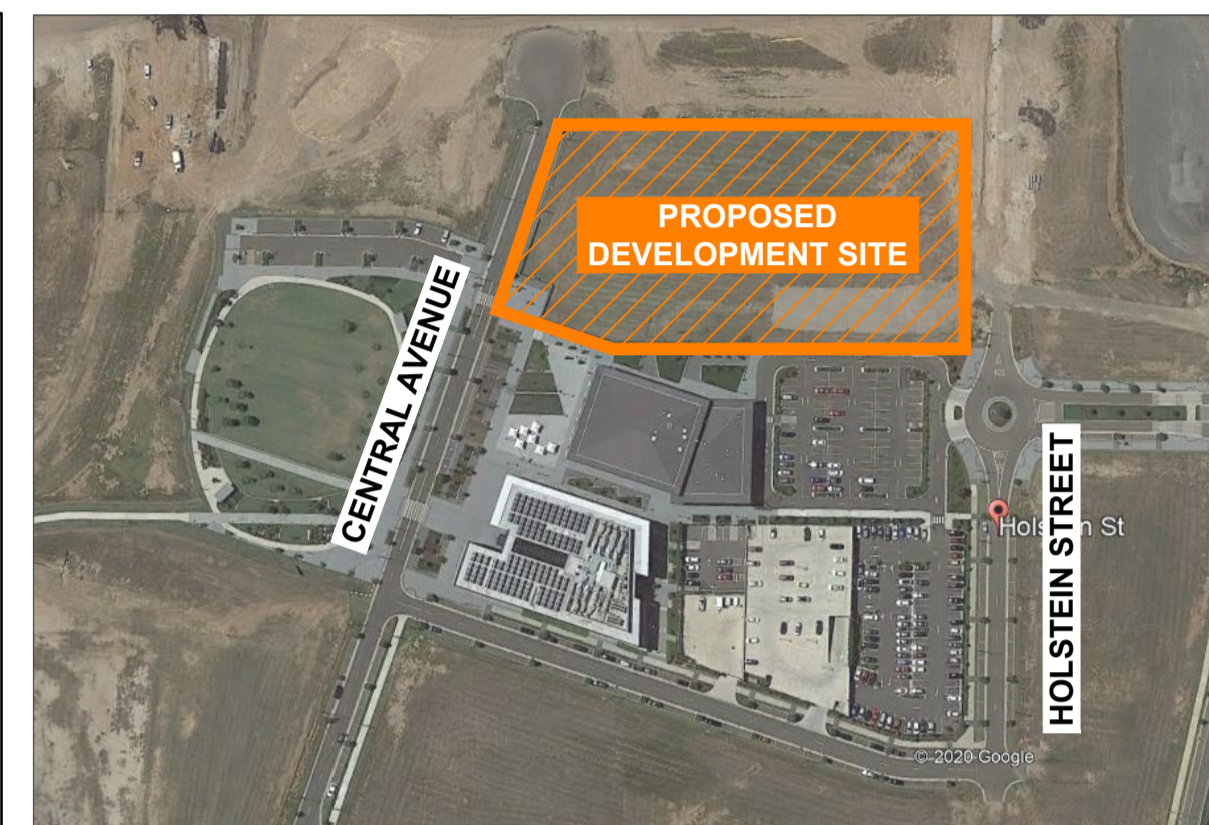
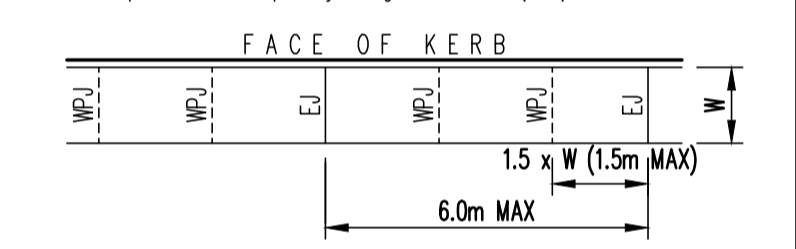
Vehicular Pavement Jointing

- All vehicular pavements to be jointed as shown on drawings.
- Keyed construction joints should generally be located at a maximum of 6m centres.
- Sawn joints should generally be located at a maximum of 6m centres or 1.5 x the spacing of keyed joints, where key joint spacing is less than 4m, with dowelled expansion joints at maximum of 30m centres.
- Provide 10mm wide full depth expansion joints between buildings and all concrete or unit pavers.
- The timing of the saw cut is to be confirmed by the contractor on site. Site conditions will determine how many hours after the concrete pour before the saw cuts are commenced. Refer to the specification for weather conditions and temperatures required.
- Vehicular pavement jointing as follows.



Pedestrian Footpath Jointing

- Expansion joints are to be located where possible at tangent points of curves and elsewhere at max 6.0m centres.
- Weakened plane joints are to be located at a max 1.5 x width of the pavement.
- Where possible joints should be located to match kerbing and / or adjacent pavement joints.
- All pedestrian footpath jointings as follows (uno).



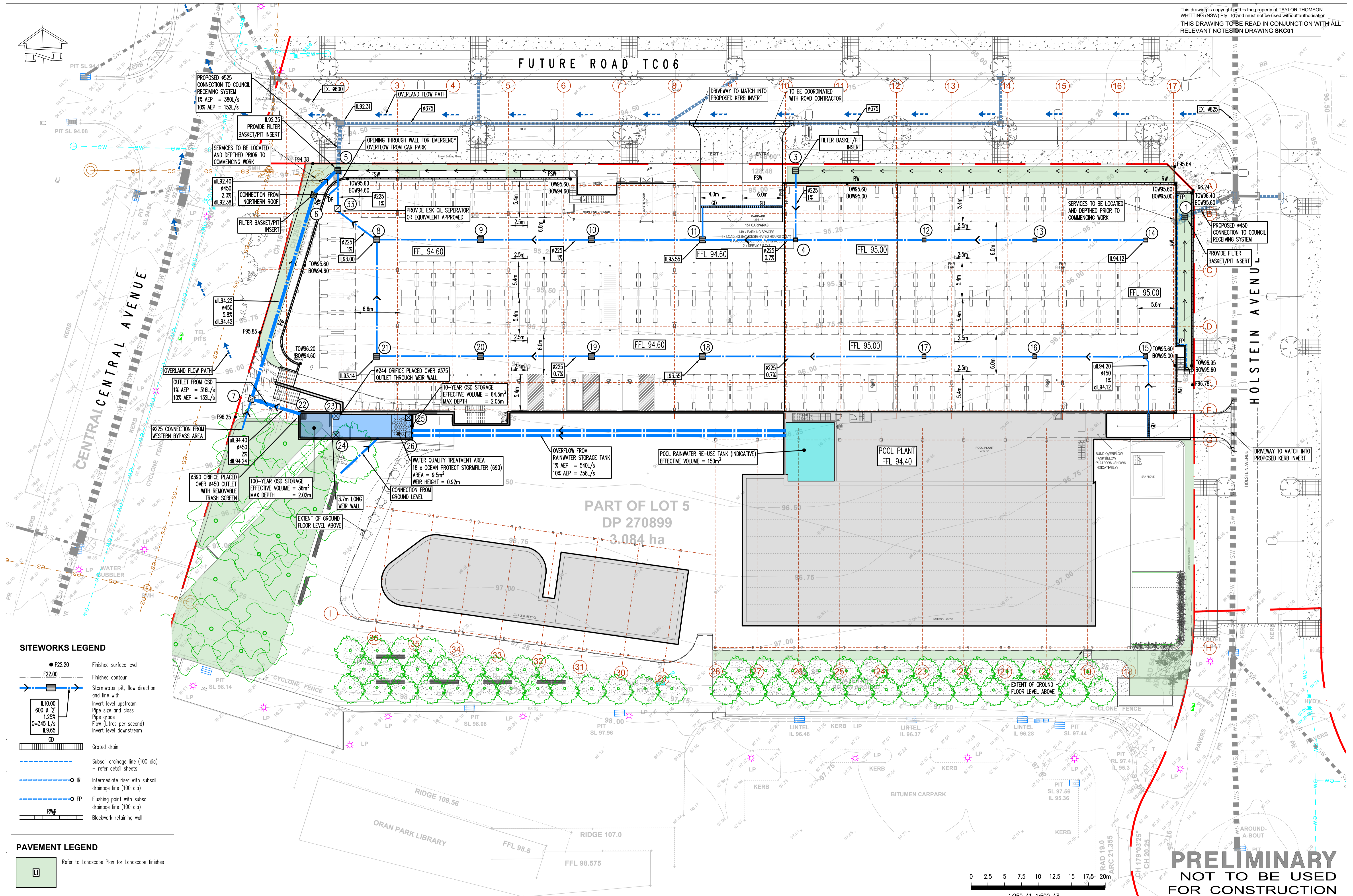
SITE LOCALITY PLAN
NOT TO SCALE

DRAWING SCHEDULE

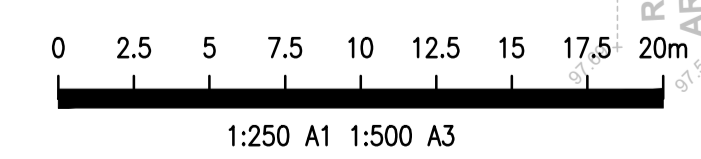
Drawing No	Drawing Title
C01	NOTES AND LEGENDS SHEET
C03	DBYD PLAN
C10	EXISTING SURFACE LEVEL
C11	EXISTING SHALE SURFACE LEVELS
C12	PROPOSED SITE STRIP LEVELS
C14	PROPOSED CUT & FILL LEVELS
C21	SEDIMENT AND EROSION CONTROL PLAN
C31	PROPOSED SITWORKS PLAN-LOWER GROUND
C32	PROPOSED SITWORKS PLAN-GROUND FLOOR
C41	SECTIONS SHEET
C51	DETAILS SHEET-1
C52	DETAILS SHEET-2
C53	OSD TANK DETAIL

PRELIMINARY
NOT TO BE USED
FOR CONSTRUCTION

Architect WARREN AND MAHONEY Suite 13.03, Plaza Building 95 Pitt Street Sydney NSW 2000 Australia +61 2 8021 9809 australia@warrenandmahoney.com			Engineer TTW Structural Civil Traffic Façade 612 9439 7288 Level 6, No. 73 Miller Street North Sydney NSW 2060			Project ORAN PARK LEISURE CENTRE			Sheet Subject NOTES & LEGENDS SHEET		
Scale : A1 NTS			Drawn NS			Authorised SB			Job No 191905		
P2 PRELIMINARY			OM NS 06.08.21			Drawing No C01			Revision P2		
P1 ISSUE FOR DA			DM SH 11.06.21			Plot File Created: Aug 06, 2021 - 4:39pm					
Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description



- SITWORKS LEGEND**
- F22.20 Finished surface level
 - F22.00 Finished contour
 - Stormwater pit, flow direction and line with invert level upstream
 - IL10.00 600 # 2" 1.25% Q=345 L/s IL9.65 Invert level downstream
 - GO Grated drain
 - Subsoil drainage line (100 dia) — refer detail sheets
 - IR Intermediate riser with subsoil drainage line (100 dia)
 - FP Flushing point with subsoil drainage line (100 dia)
 - RW# Blockwork retaining wall
- PAVEMENT LEGEND**
- Refer to Landscape Plan for Landscape finishes



PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P4	PRELIMINARY	DM	NS	06.08.21										
P3	ISSUE FOR DA	DM	SH	11.06.21										
P2	PRELIMINARY	TM	WW	06.04.21										
P1	PRELIMINARY	DM	SH	01.04.21										

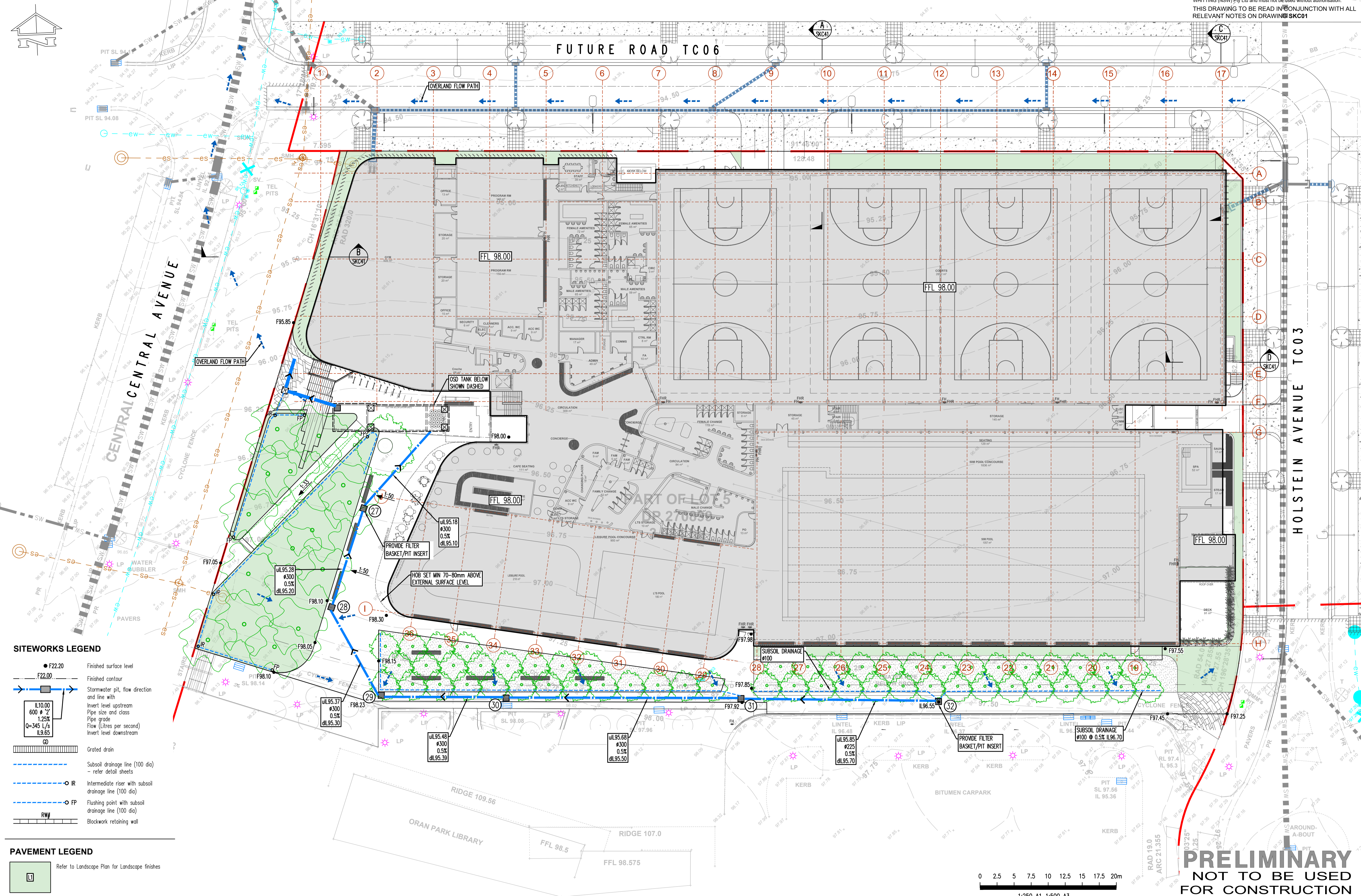
Architect
WARREN AND MAHONEY
Suite 13.03, Plaza Building
95 Pitt Street
Sydney NSW 2000
Australia
+61 2 8021 9809
australia@warrenandmahoney.com

Engineer
TTW Structural Civil Traffic Façade
612 9439 7288 | Level 6, No. 73 Miller Street North Sydney NSW 2060

Project
ORAN PARK LEISURE CENTRE

Sheet Subject
SITWORKS PLAN - LOWER GROUND

Scale: A1 1:250 Drawn SH Authorised TM
Job No 191905 Drawing No C31 Revision P4
Plot File Created: Aug 06, 2021 - 4:41pm



- SITWORKS LEGEND**
- F22.20 Finished surface level
 - F22.00 Finished contour
 - Stormwater pit, flow direction and line with invert level upstream
 - Pipe size and class
 - Pipe grade
 - Flow (Litres per second)
 - Invert level downstream
 - Grated drain
 - Subsil drainage line (100 dia) - refer detail sheets
 - Intermediate riser with subsil drainage line (100 dia)
 - Flushing point with subsil drainage line (100 dia)
 - Blockwork retaining wall

- PAVEMENT LEGEND**
- Refer to Landscape Plan for Landscape finishes

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P4	PRELIMINARY	DM	NS	06.08.21										
P3	ISSUE FOR DA	DM	SH	11.06.21										
P2	PRELIMINARY	TM	WW	06.04.21										
P1	PRELIMINARY	DM	SH	01.04.21										

Architect
WARREN AND MAHONEY
 Suite 13.03, Plaza Building
 95 Pitt Street
 Sydney NSW 2000
 Australia
 +61 2 8021 9809
 australia@warrenandmahoney.com

Engineer

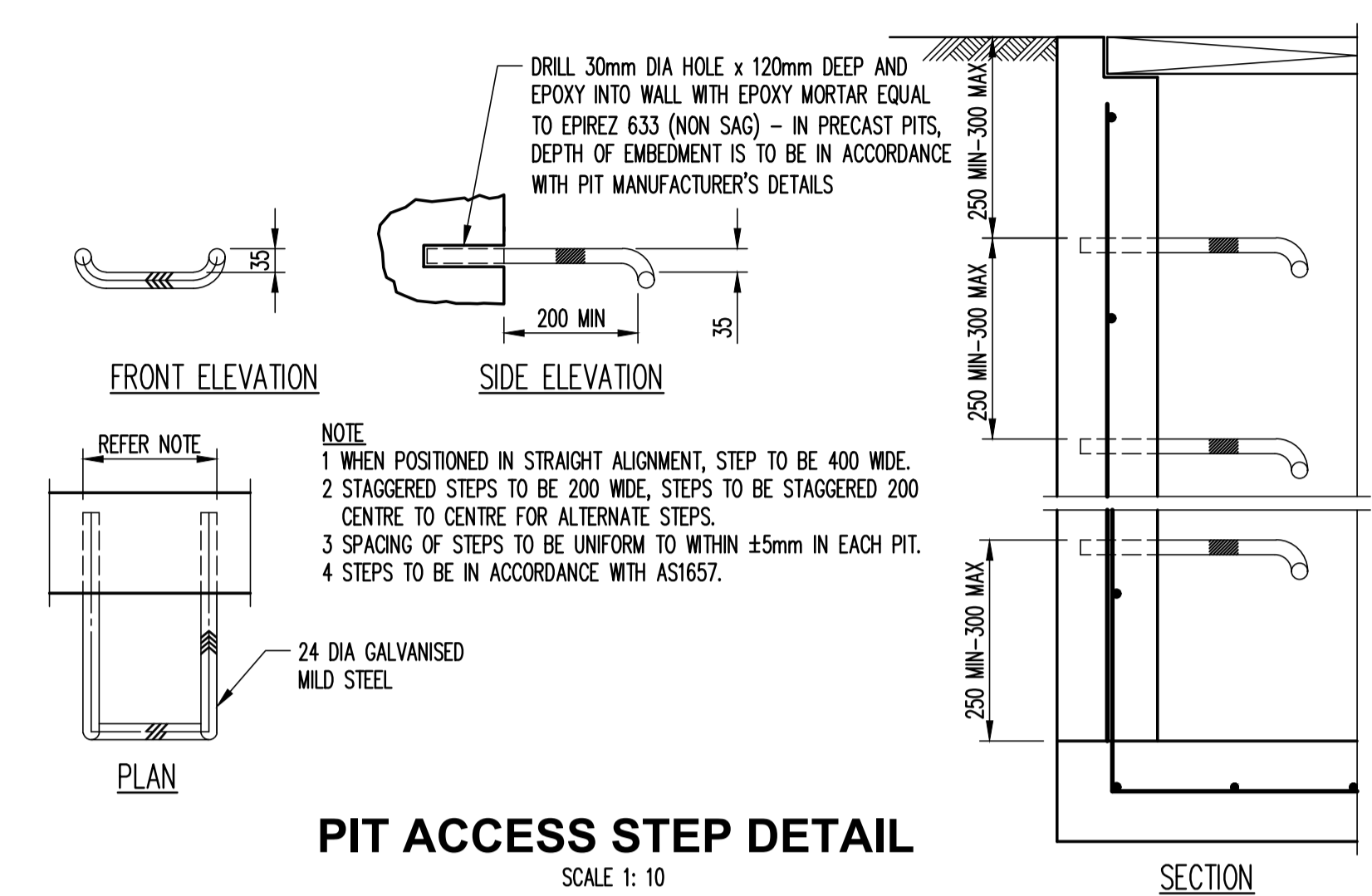
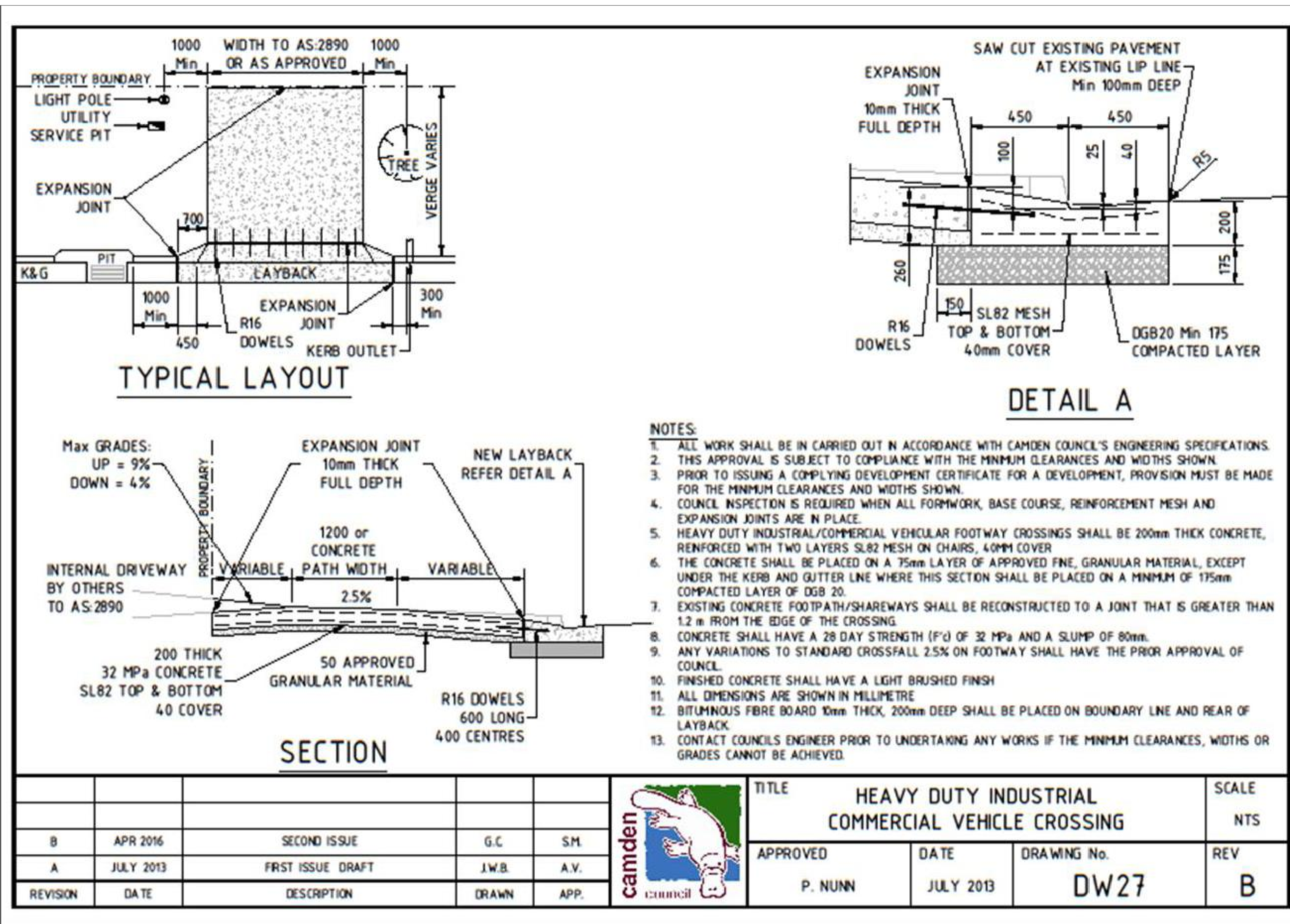
**Structural
 Civil
 Traffic
 Façade**
 612 9439 7288 | Level 6, No. 73 Miller Street North Sydney NSW 2060

Project
ORAN PARK LEISURE CENTRE

Sheet Subject
SITWORKS PLAN- GROUND FLOOR

Scale: A1 1:250 Drawn SH Authorised TM
 Job No 191905 Drawing No C32 Revision P4
 Plot File Created: Aug 06, 2021 - 4:41pm

PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION

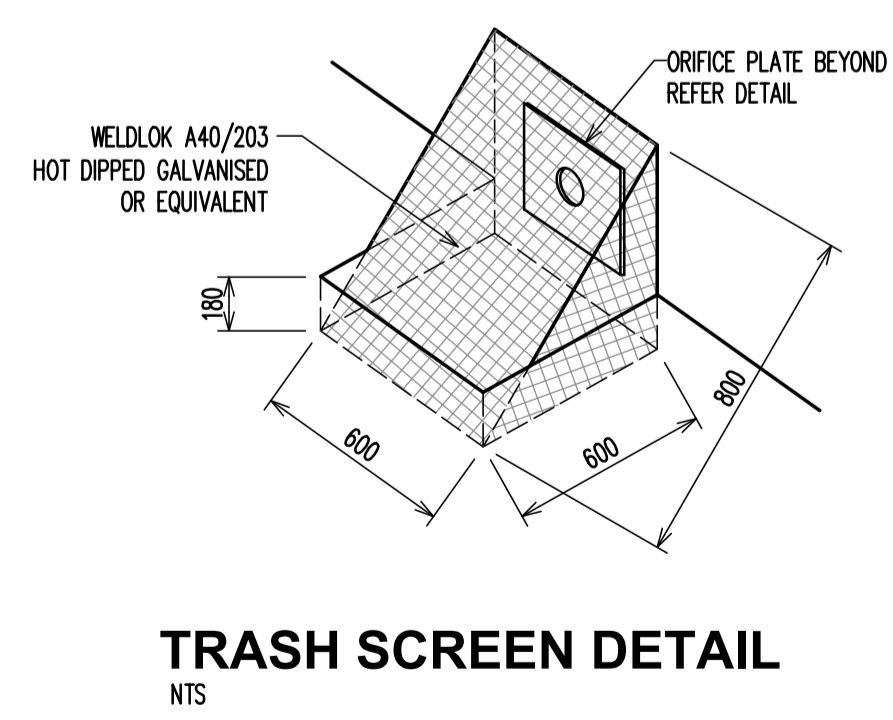
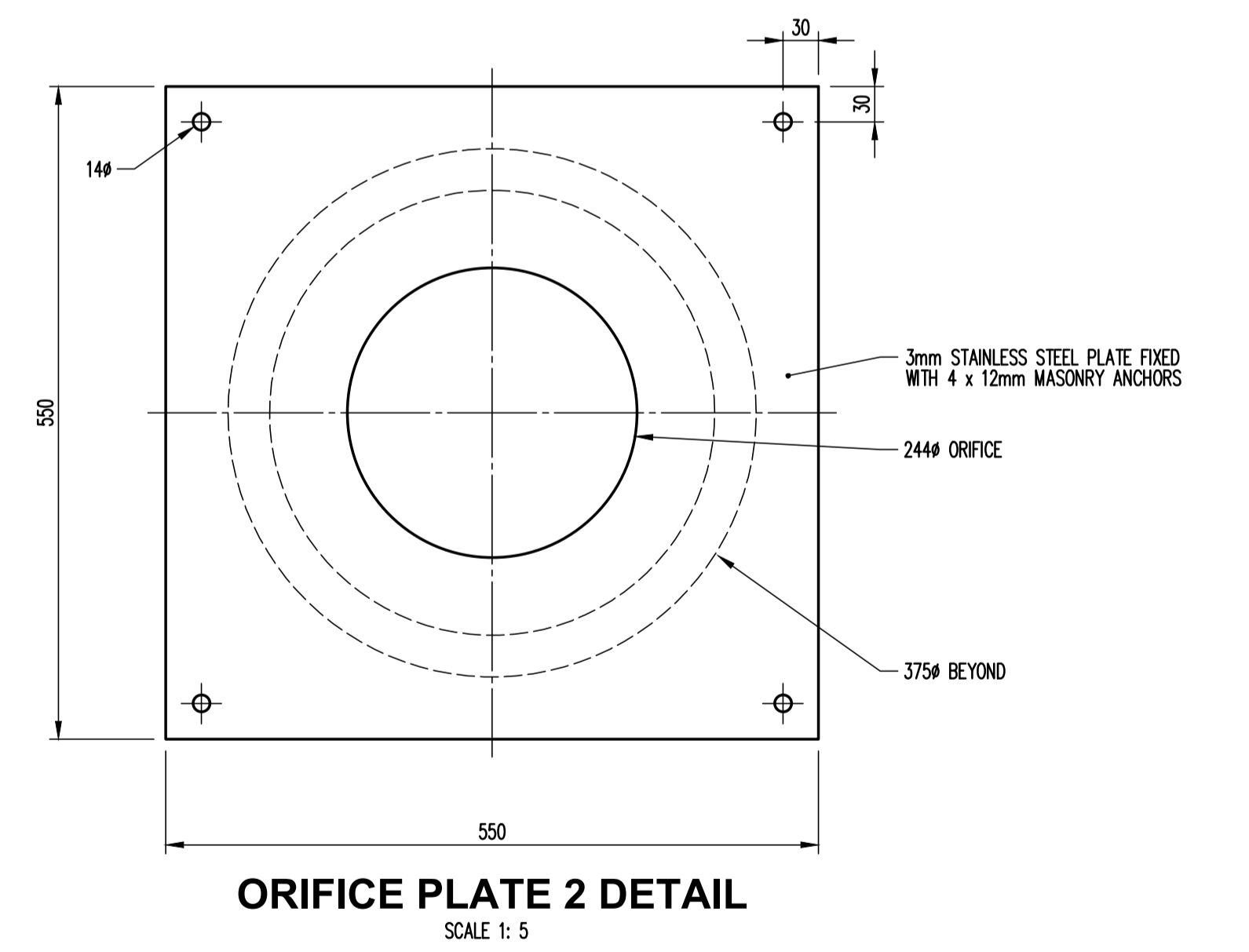
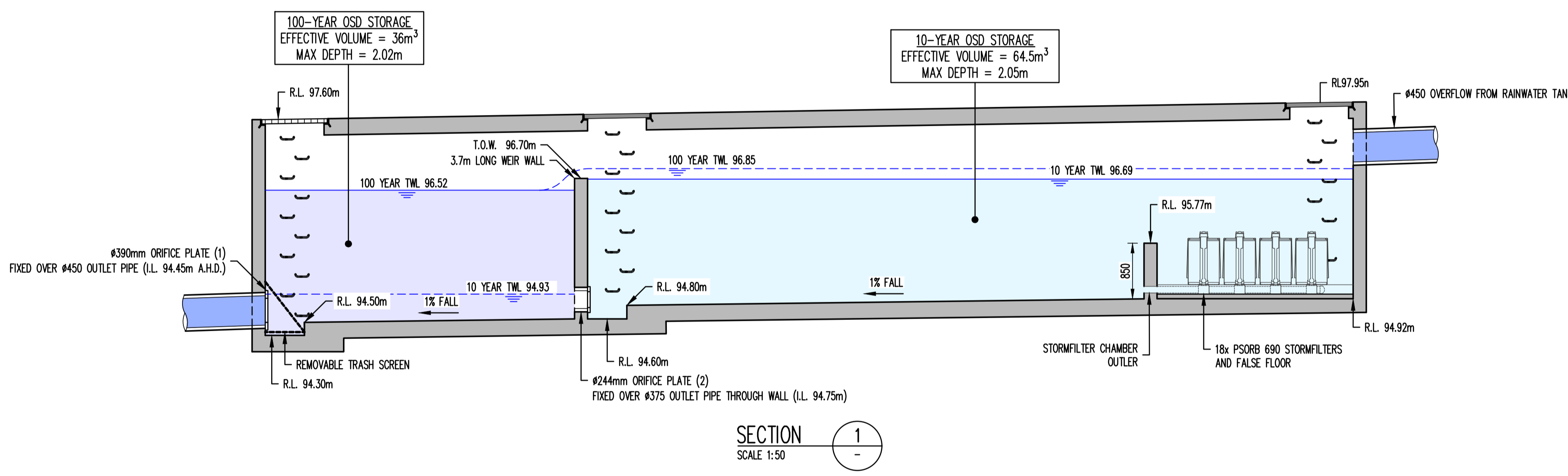
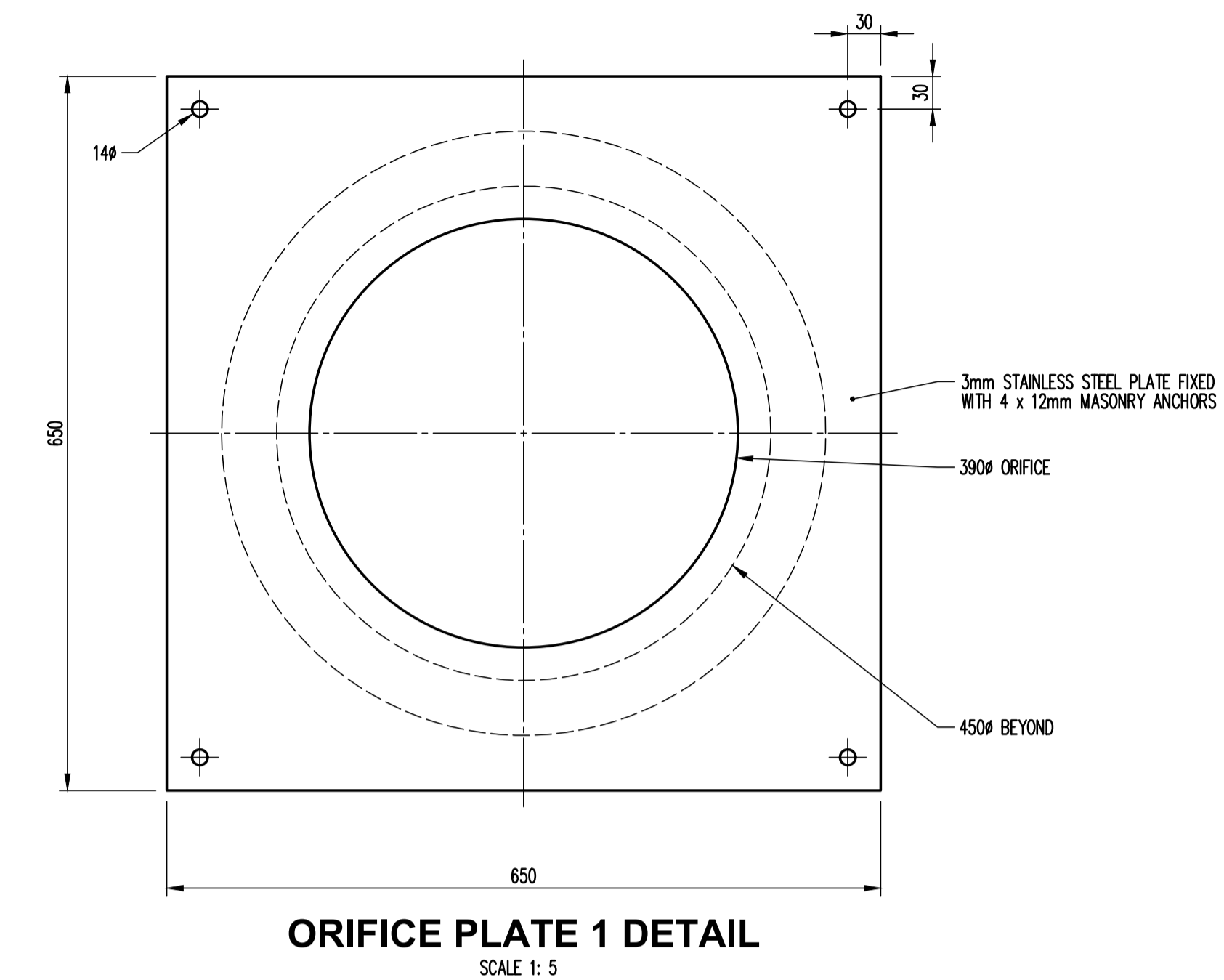
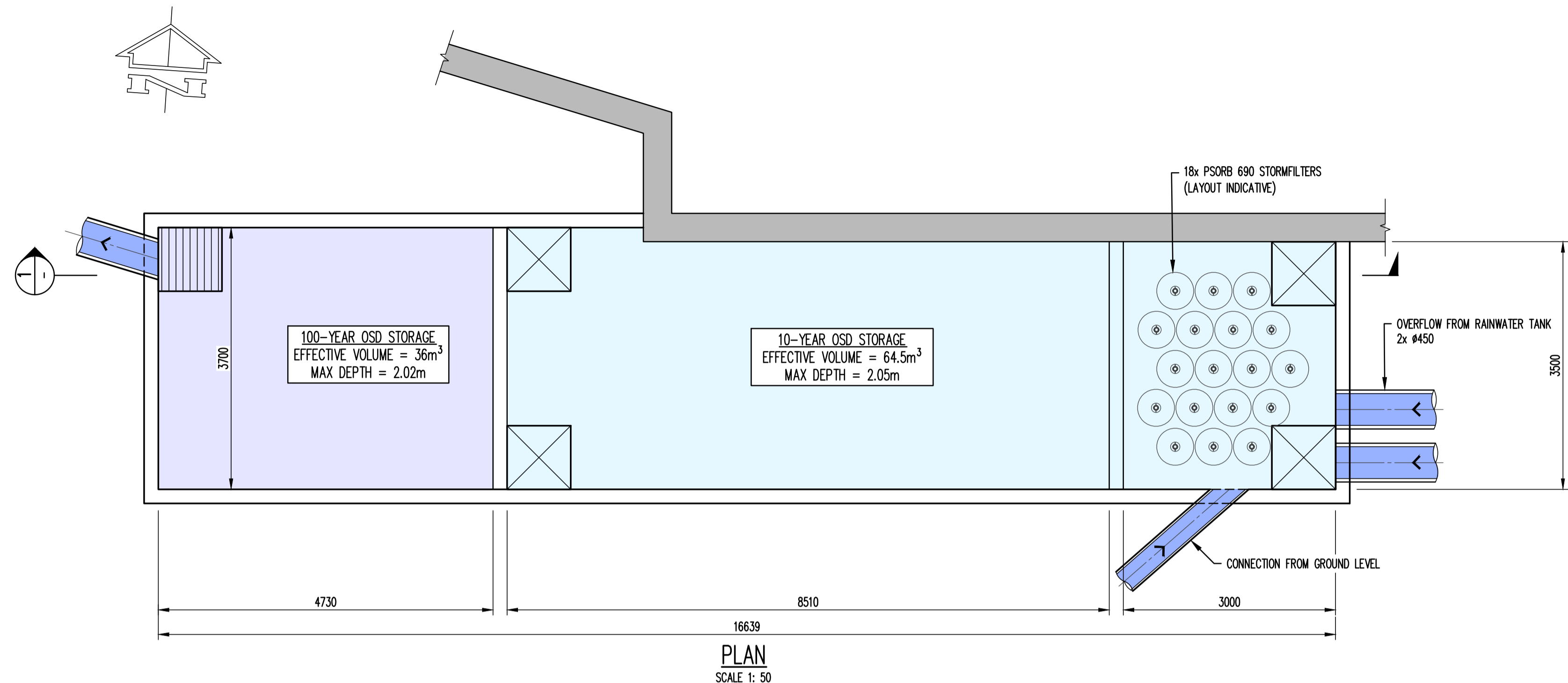


					TITLE HEAVY DUTY INDUSTRIAL COMMERCIAL VEHICLE CROSSING			SCALE NTS	
B	APR 2016	SECOND ISSUE	G.C	S.M.	APPROVED	DATE	DRAWING No.	REV	
A	JULY 2013	FIRST ISSUE DRAFT	J.W.B.	A.V.	P. NUNN	JULY 2013	DW27	B	
REVISION	DATE	DESCRIPTION	DRAWN	APP.					

PRELIMINARY
 NOT TO BE USED
 FOR CONSTRUCTION

P2 PRELIMINARY P1 ISSUE FOR DA			Architect WARREN AND MAHONEY Suite 13.03, Plaza Building 95 Pitt Street Sydney NSW 2000 Australia +61 2 8021 9809 australia@warrenandmahoney.com			Engineer Structural Civil Traffic Façade			Project ORAN PARK LEISURE CENTRE			Sheet Subject DETAILS SHEET 2		
Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date

Scale	A1	Drawn	SH	Authorised	SB
Job No	191905	Drawn No	C52	Revision	P2
Plot File Created: Aug 06, 2021 - 4:41pm					



PRELIMINARY
NOT TO BE USED
FOR CONSTRUCTION

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
P2	PRELIMINARY	DM	NS	06.08.21										
P1	ISSUE FOR DA	DM	NS	11.06.21										

Architect
WARREN AND MAHONEY
Suite 13.03, Plaza Building
95 Pitt Street
Sydney NSW 2000
Australia
+61 2 8021 9809
australia@warrenandmahoney.com

Engineer
TTW Structural
Civil
Traffic
Façade
612 9439 7288 | Level 6, No. 73 Miller Street North Sydney NSW 2060

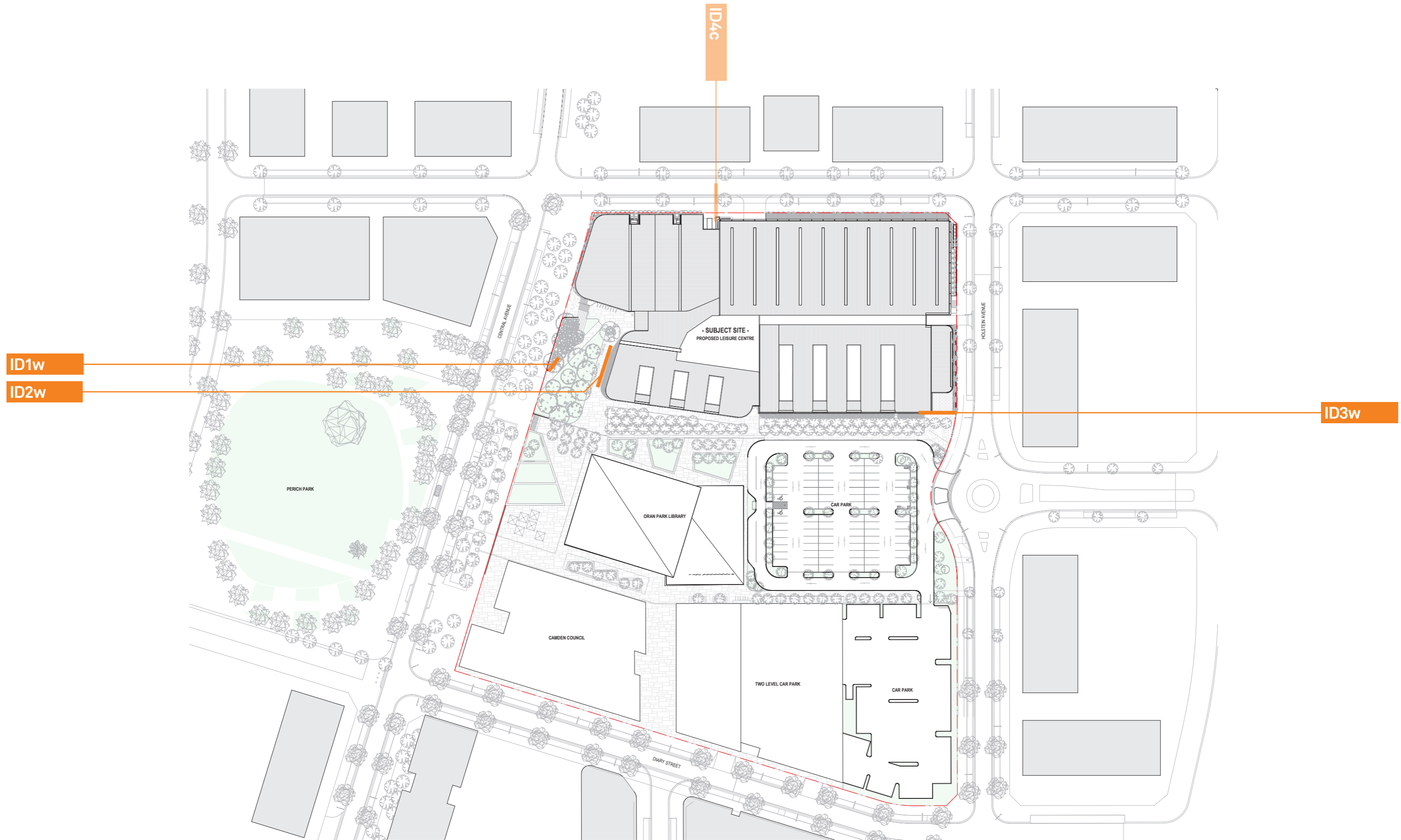
Project
ORAN PARK LEISURE CENTRE

Sheet Subject
OSD TANK DETAIL

Scale : A1	Drawn	Authorised
AS SHOWN	SH	
Job No	Drawing No	Revision
191905	C53	P2
Plot File Created: Aug 06, 2021 - 4:41pm		

Sign locations

Concept Design



ID1w

Site identification
Wall mounted
Single sided
Non-illuminated

ID2w

Building Identification
Facade mounted
Single sided
Illuminated



ID1w

Site identification
Wall mounted
Single sided
Non-illuminated

ID2w

Building Identification
Facade mounted
Single sided
Illuminated





INDICATIVE ONLY
NOT DESIGNED IN THIS PACKAGE OF WORK

ID4c

**Parking entry
Identification**
Cantilevered
Double sided
Illuminated



Drawing pages

Concept Design

NOTE

ALL DIMENSIONS TO BE CONFIRMED ON-SITE BEFORE MANUFACTURE
SIGNAGE IS SCALED RELATIVE TO DRAWING:
EXTERNAL ELEVATIONS-WORK IN PROGRESS -A20.001- 9/04/2021

ID1w

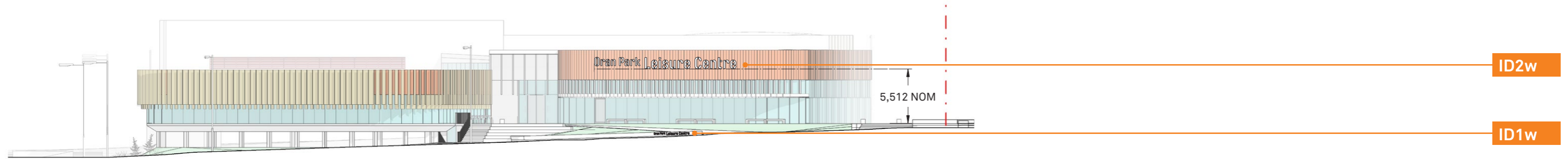
Site identification

Wall mounted
Single sided
Non-illuminated

ID2w

Building Identification

Facade mounted
Single sided
Halo illuminated



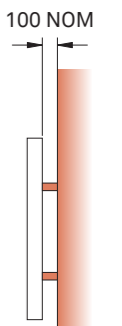
WEST ELEVATION
SCALE 1:400 @ A3



ID1w - FRONT VIEW
SCALE 1:25 @ A3



ID2w - FRONT VIEW
SCALE 1:50 @ A3



ID2w - SIDE VIEW
SCALE 1:50 @ A3

Drawing pages

Concept Design

ID3w

Building Identification

Facade mounted
Single sided
Halo illuminated

NOTE

ALL DIMENSIONS TO BE CONFIRMED ON-SITE BEFORE MANUFACTURE

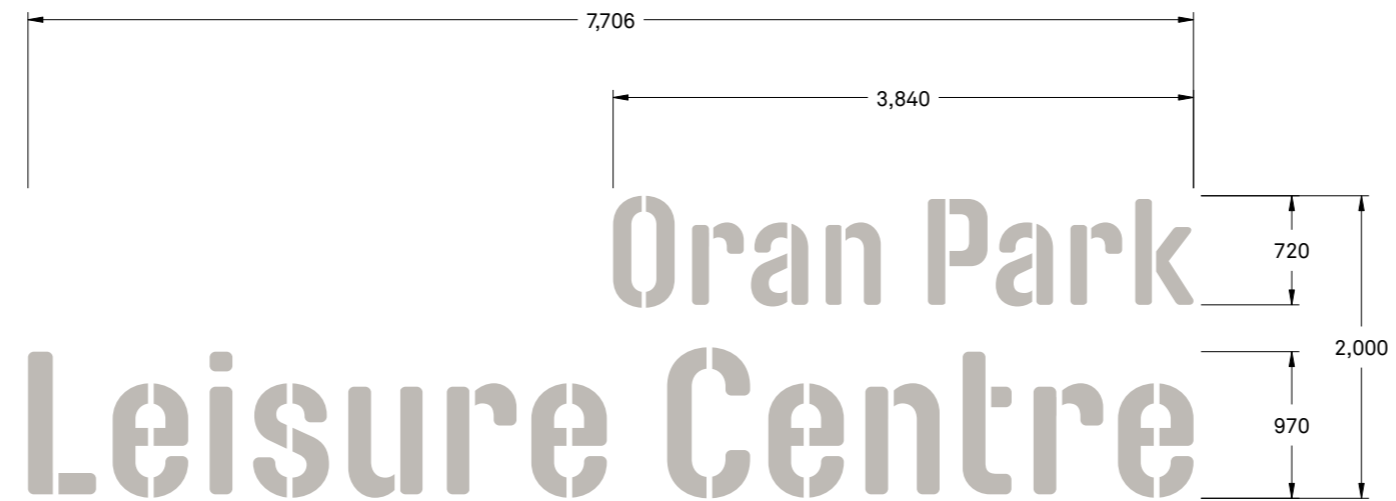
SIGNAGE IS SCALED RELATIVE TO DRAWING:

EXTERNAL ELEVATIONS-WORK IN PROGRESS -A20.001- 9/04/2021

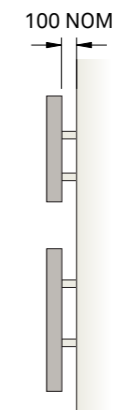


SOUTH ELEVATION

SCALE 1:400 @ A3



ID3w – FRONT VIEW
SCALE 1:50 @ A3



ID3w – FRONT VIEW
SCALE 1:50 @ A3

Drawing pages

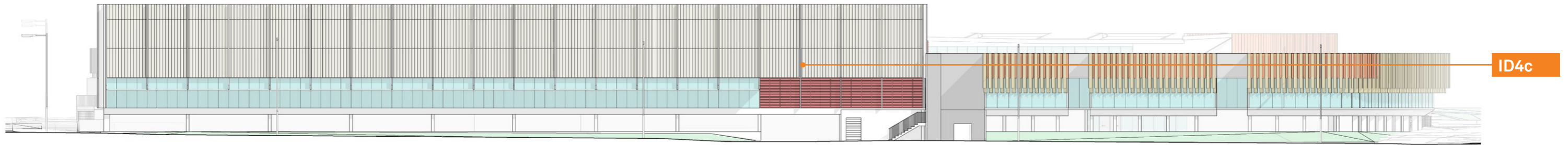
Concept Design

ID4c

**Parking entry
Identification**
Cantilevered
Double sided
Internally illuminated

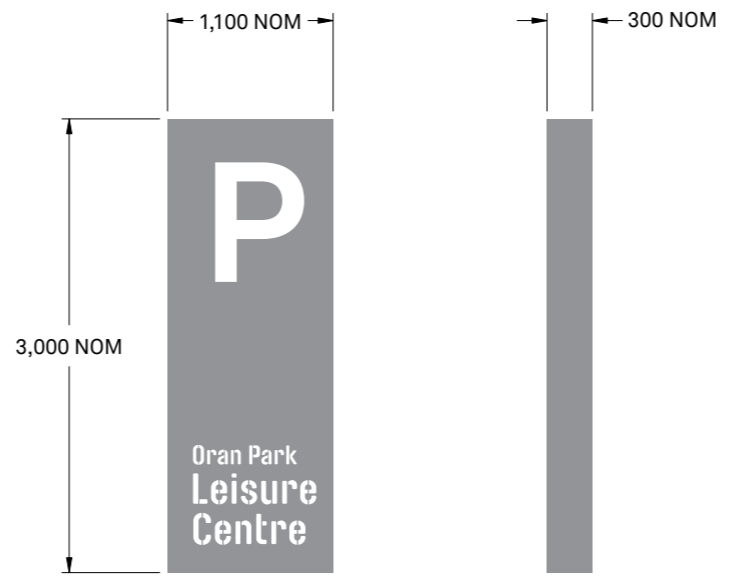
NOTE

ALL DIMENSIONS TO BE CONFIRMED ON-SITE BEFORE MANUFACTURE
SIGNAGE IS SCALED RELATIVE TO DRAWING:
EXTERNAL ELEVATIONS-WORK IN PROGRESS -A20.001- 9/04/2021



ID4c

NORTH ELEVATION
SCALE 1:400 @ A3



ID4c – FRONT VIEW
SCALE 1:50 @ A3

ID4c – SIDE VIEW
SCALE 1:50 @ A3

INDICATIVE DESIGN ONLY
NOT DESIGNED IN THIS PACKAGE OF WORK

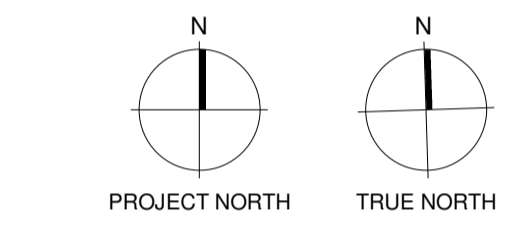
All dimension to be verified on site before producing shop drawings or commencing any work. Do not scale. The copyright of this drawing remains with Warren and Mahoney Architects Australia Pty Ltd.

Revisions

A 25.06.21 DEVELOPMENT APPLICATION

Notes

—



Client
Camden Council

Warren and Mahoney Architects Australia Pty Ltd
Suite 13.03, Plaza Building
Australia Square, 95 Pitt Street
Sydney, NSW 2000
Australia
Phone + 61 2 8021 9809
Nominated Architect:
Sven Ollmann ARB NSW 11123
Registered Architects and Designers
www.warrenandmahoney.com

Project Title
Oran Park Leisure Centre
Enter address here

Drawing Title
PROPOSED SITE PLAN

Drawing Status
DEVELOPMENT APPLICATION

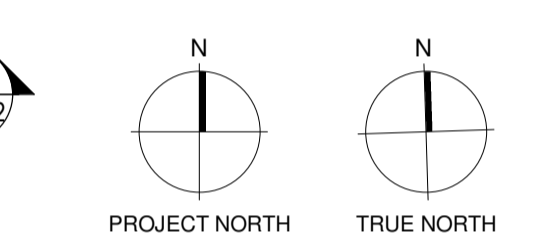
Drawing Details
Scale 1 : 500@ A1
Date 25.06.21
Job No 9167
Drawn WAM
Checked WAM

Drawing No A03.001
Revision A

All dimension to be verified on site before producing shop drawings or commencing any work. Do not scale. The copyright of this drawing remains with Warren and Mahoney Architects Australia Pty Ltd.

Revisions
A 25.06.21 DEVELOPMENT APPLICATION

Notes



Client
Camden Council

Warren and Mahoney Architects Australia Pty Ltd
Suite 13.03, Plaza Building
Australia Square, 95 Pitt Street
Sydney, NSW 2000
Australia
Phone + 61 2 8021 9809
Nominated Architect:
Sven Ollmann ARB NSW 11123

Registered Architects and Designers
www.warrenandmahoney.com

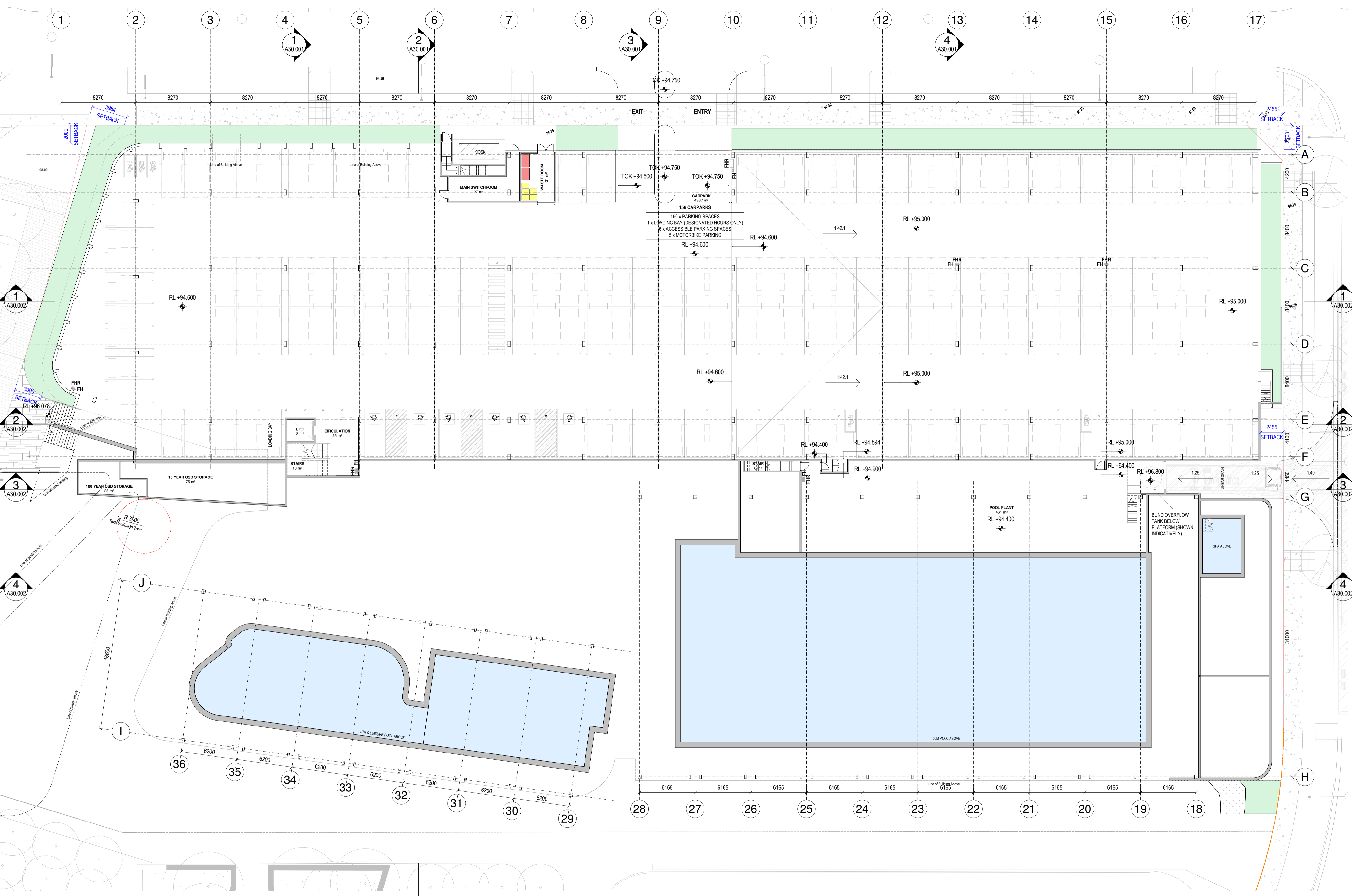
Project Title
Oran Park Leisure Centre
Enter address here

Drawing Title
LOWER GROUND FLOOR PLAN

Drawing Status
DEVELOPMENT APPLICATION

Drawing Details
Scale 1 : 200@ A1
Date 25.06.21
Job No 9167
Drawn WAM
Checked WAM

Drawing No A10.001
Revision A



LOWER GROUND FLOOR PLAN

1 : 200

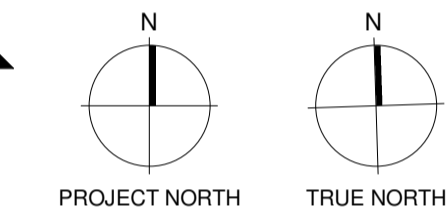
All dimension to be verified on site before producing shop drawings or commencing any work. Do not scale. The copyright of this drawing remains with Warren and Mahoney Architects Australia Pty Ltd.

Revisions

A 25.06.21 DEVELOPMENT APPLICATION

Notes

—



Client
Camden Council

Warren and Mahoney Architects Australia Pty Ltd
Suite 13.03, Plaza Building
Australia Square, 95 Pitt Street
Sydney, NSW 2000
Australia
Phone + 61 2 8021 9809
Nominated Architect:
Sven Ollmann ARB NSW 11123

Registered Architects and Designers
www.warrenandmahoney.com

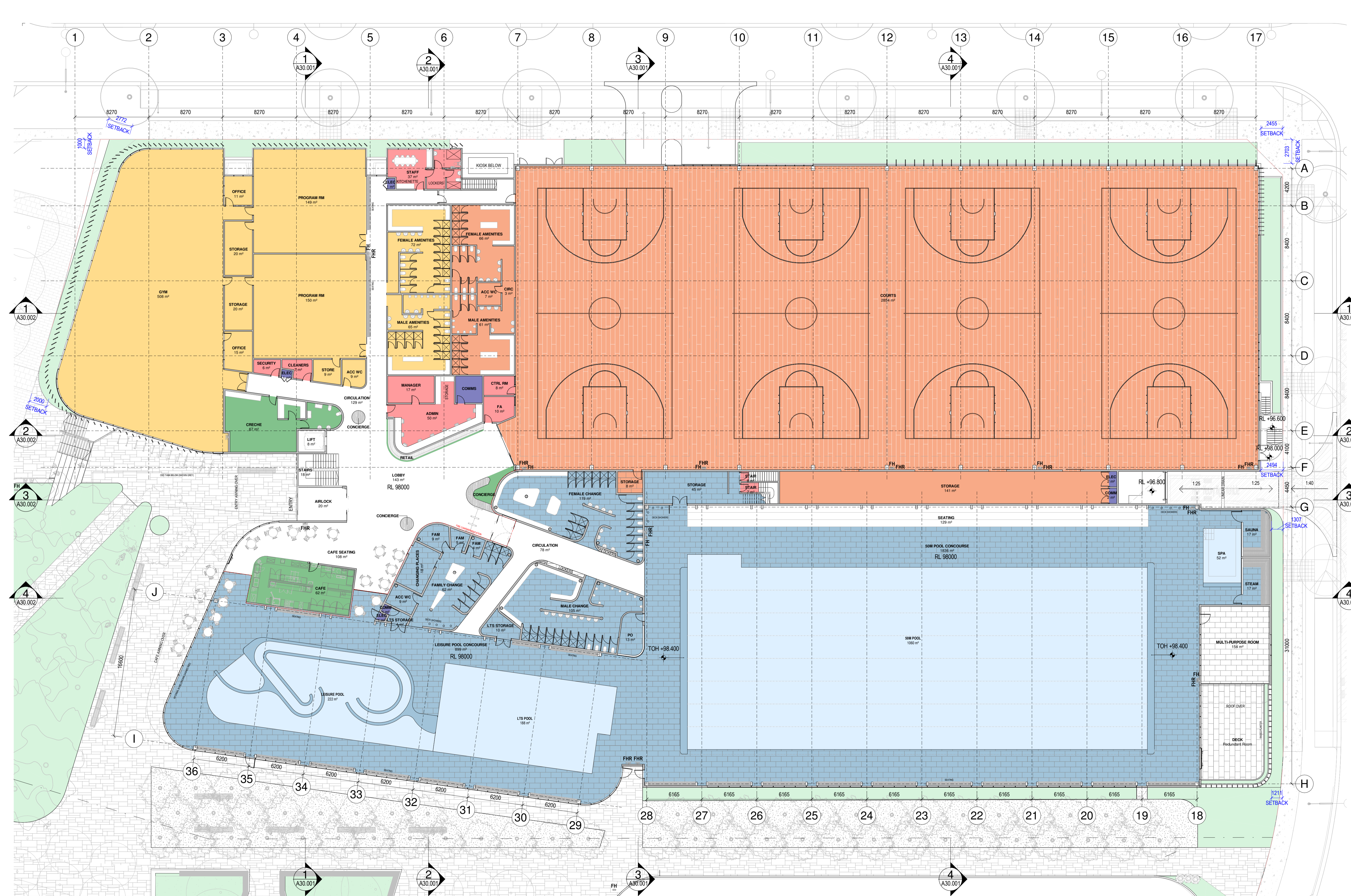
Project Title
Oran Park Leisure Centre
Enter address here

Drawing Title
GROUND FLOOR PLAN

Drawing Status
DEVELOPMENT APPLICATION

Drawing Details
Scale 1 : 200@ A1
Date 25.06.21
Job No 9167
Drawn WAM
Checked WAM

Drawing No A10.002
Revision A



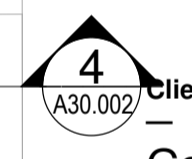
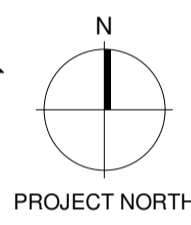
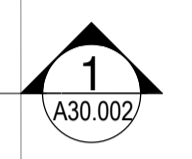
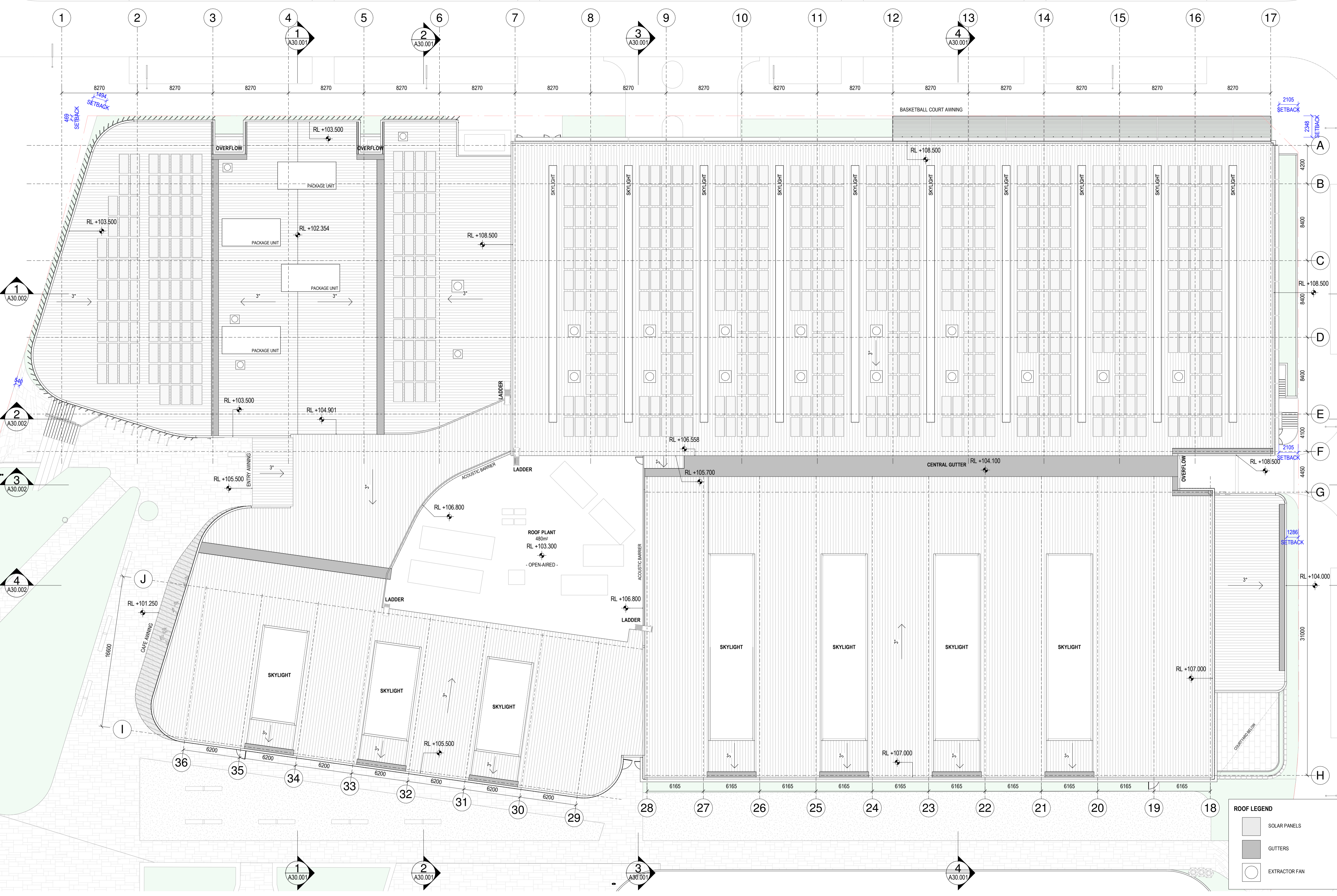
GROUND FLOOR PLAN

1 : 200

All dimension to be verified on site before producing shop drawings or commencing any work. Do not scale. The copyright of this drawing remains with Warren and Mahoney Architects Australia Pty Ltd.

Revisions
A 25.06.21 DEVELOPMENT APPLICATION

Notes



Camden Council

Warren and Mahoney Architects Australia Pty Ltd
Suite 13.03, Plaza Building
Australia Square, 95 Pitt Street
Sydney, NSW 2000
Australia
Phone + 61 2 8021 9809
Nominated Architect:
Sven Ollmann ARB NSW 11123
Registered Architects and Designers
www.warrenandmahoney.com

Project Title
Oran Park Leisure Centre
Enter address here

Drawing Title
ROOF PLAN

Drawing Status
DEVELOPMENT APPLICATION

Drawing Details
Scale 1 : 200@ A1
Date 25.06.21
Job No 9167
Drawn WAM
Checked WAM

Drawing No A11.001
Revision A

ROOF PLAN

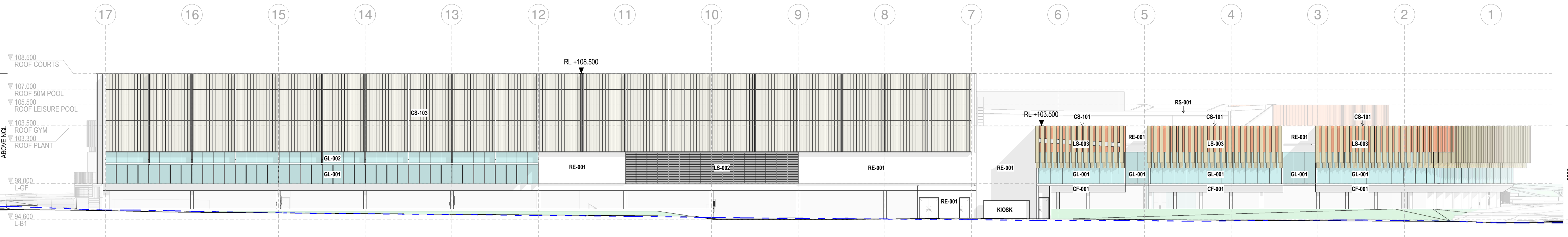
1 : 200

All dimension to be verified on site before producing shop drawings or commencing any work. Do not scale. The copyright of this drawing remains with Warren and Mahoney Architects Australia Pty Ltd.

Revisions

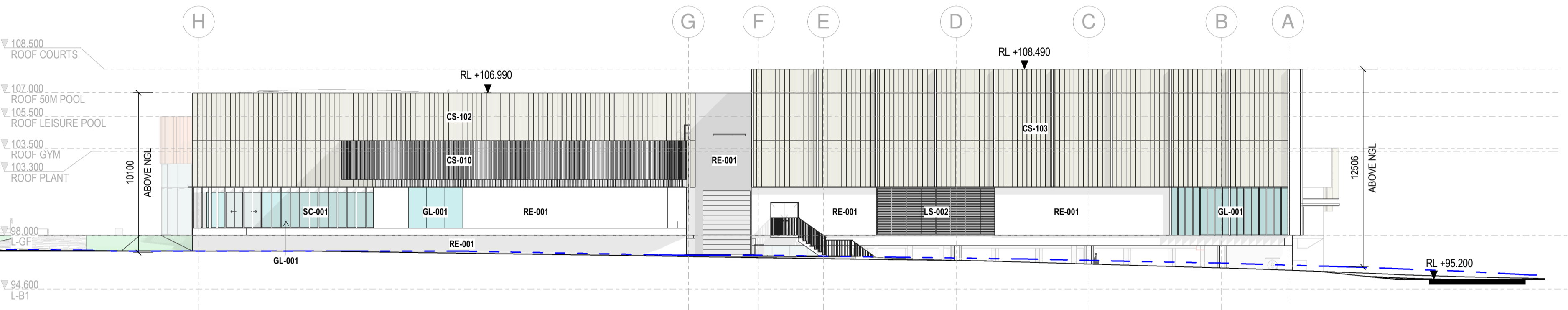
A 25.06.21 DEVELOPMENT APPLICATION

Notes



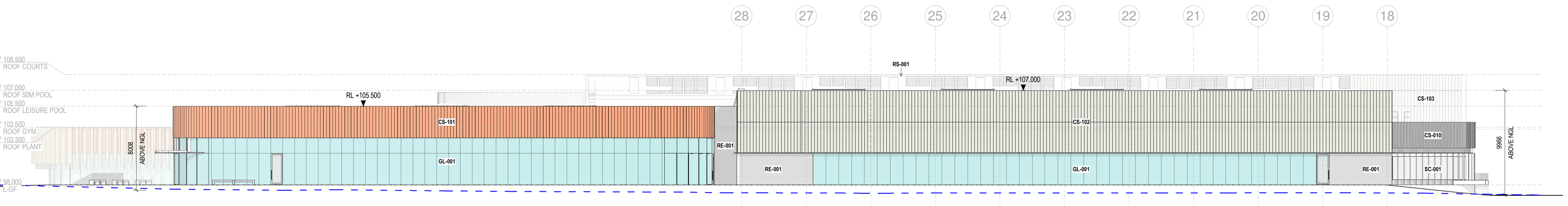
NORTH ELEVATION

1:200



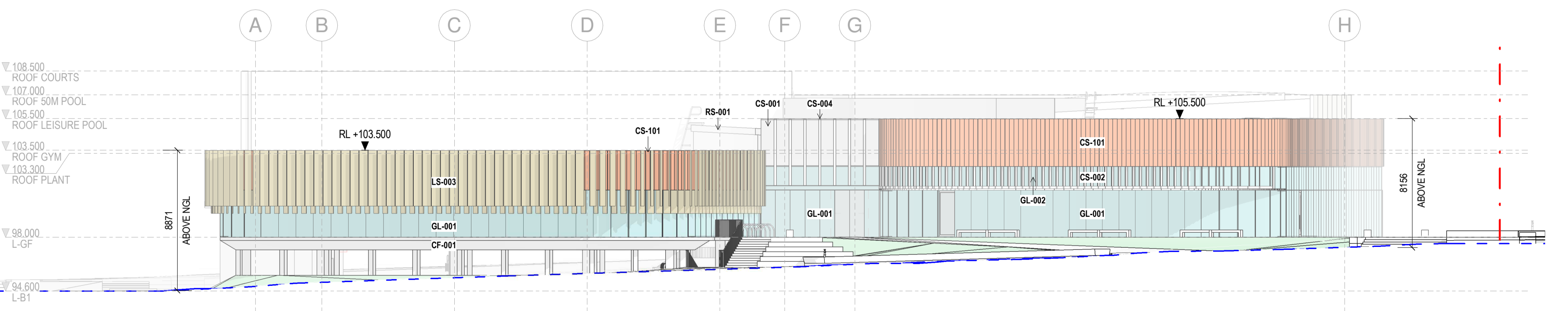
EAST ELEVATION

1:200



SOUTH ELEVATION

1:200



WEST ELEVATION

1:200

Client

Camden Council

Warren and Mahoney Architects Australia Pty Ltd

Suite 13.03, Plaza Building
Australia Square, 95 Pitt Street
Sydney, NSW 2000
Australia
Phone + 61 2 8021 9809
Nominated Architect:
Sven Ollmann ARB NSW 11123

Registered Architects and Designers
www.warrenandmahoney.com

Project Title

Oran Park Leisure Centre
Enter address here

Drawing Title

EXTERNAL ELEVATIONS

Drawing Status

DEVELOPMENT APPLICATION

Drawing Details

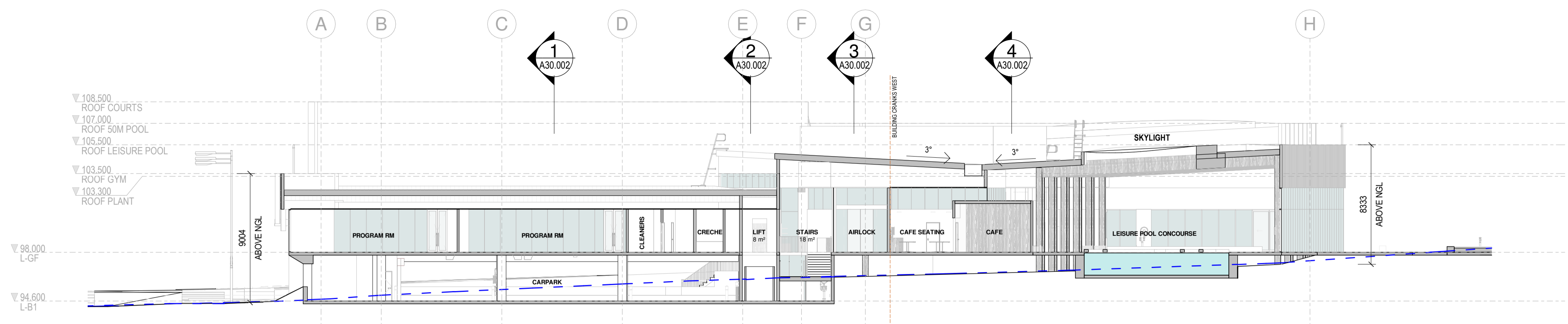
Scale 1:200@ A1
Date 25.06.21
Job No 9167
Drawn WAM
Checked WAM

Drawing No **Revision**

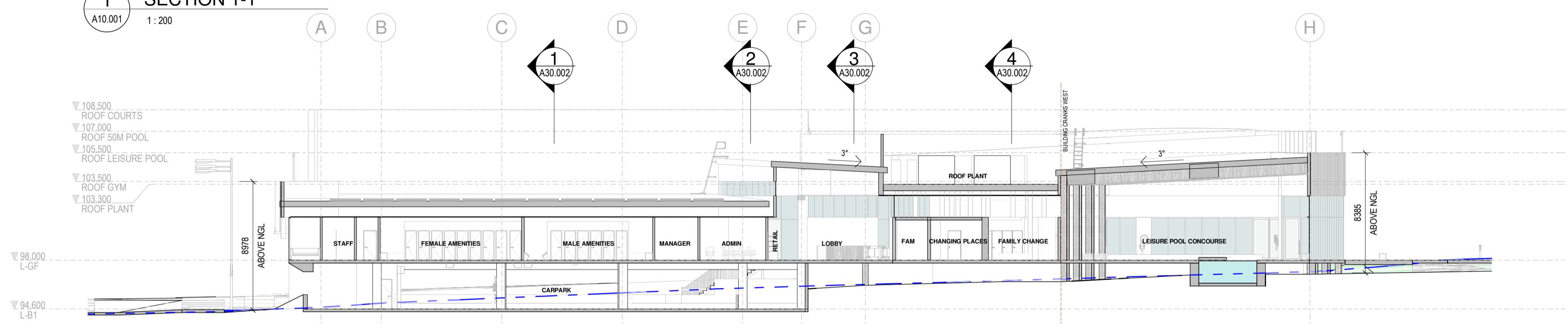
A20.001 A

ELEVATION LEGEND

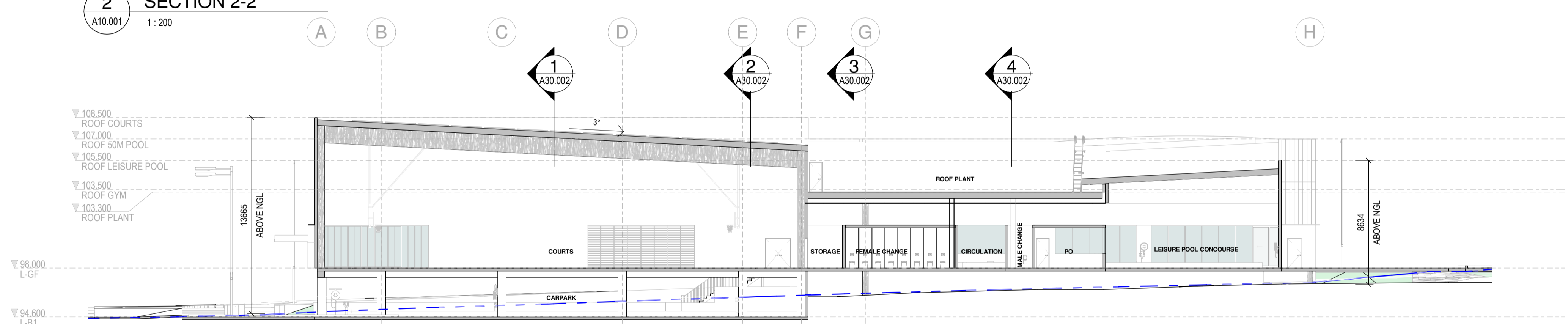
CODE	FINISH
CF-001	OFF FORM CONCRETE
CS-001	METAL CLADDING SYSTEM
CS-002	50 METAL FIN
CS-004	150 METAL FIN
CS-010	ALUMINIUM BATTENS
CS-101	PRE-FINISHED FIBRE CEMENT - TERRACOTTA
CS-102	PRE-FINISHED FIBRE CEMENT - OFF WHITE
CS-103	PRE-FINISHED FIBRE CEMENT - GREY
GL-001	GLASS
GL-002	TRANSLUCENT GLASS
LS-002	FIXED METAL ACOUSTIC LOUVRE
LS-003	FIXED METAL DOUBLE LOUVRE
RE-001	ACRYLIC RENDER
RS-001	ROOF SYSTEM
SC-001	METAL SCREEN



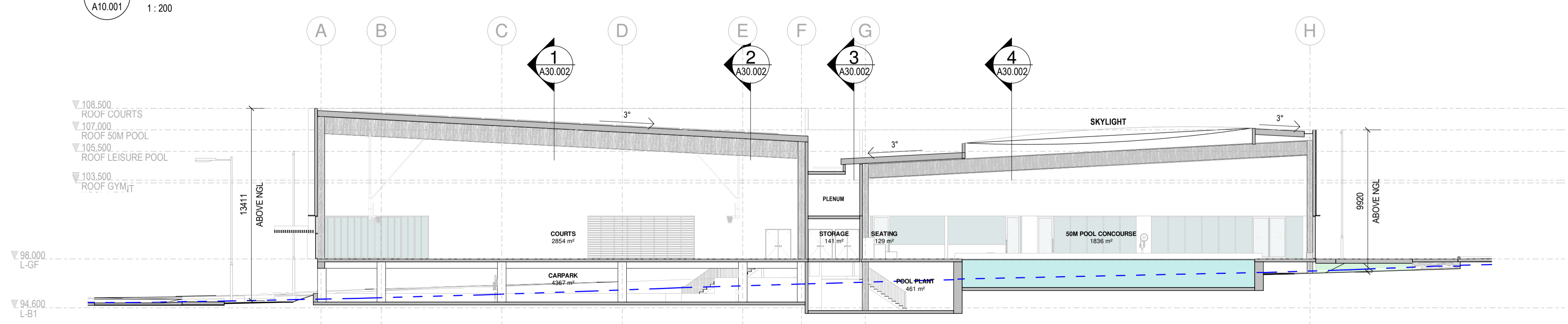
1 SECTION 1-1
A10.001 1:200



2 SECTION 2-2
A10.001 1:200



3 SECTION 3-3
A10.001 1:200



4 SECTION 4-4
A10.001 1:200

Client
Camden Council

Warren and Mahoney Architects Australia Pty Ltd
Suite 13.03, Plaza Building
Australia Square, 95 Pitt Street
Sydney, NSW 2000
Australia
Phone + 61 2 8021 9809
Nominated Architect:
Sven Ollmann ARB NSW 11123

Registered Architects and Designers
www.warrenandmahoney.com

Project Title
Oran Park Leisure Centre
Enter address here

Drawing Title
SHORT BUILDING SECTIONS

Drawing Status
DEVELOPMENT APPLICATION

Drawing Details
Scale 1:200@ A1
Date 25.06.21
Job No 9167
Drawn WAM
Checked WAM

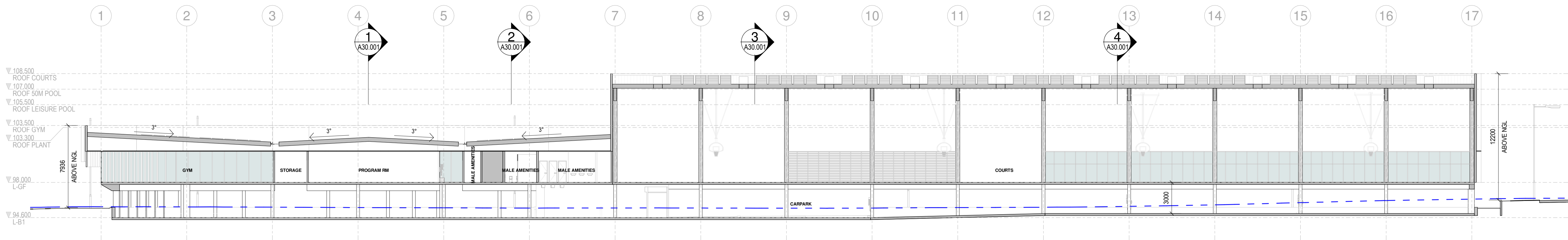
Drawing No A30.001
Revision A

All dimension to be verified on site before producing shop drawings or commencing any work. Do not scale. The copyright of this drawing remains with Warren and Mahoney Architects Australia Pty Ltd.

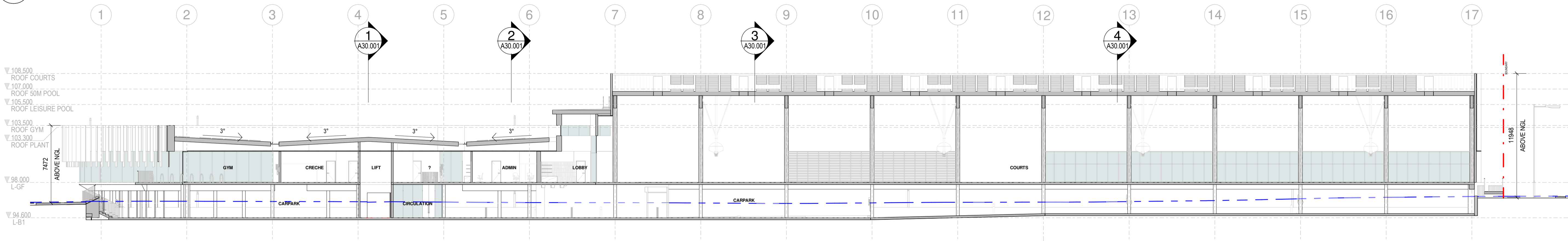
Revisions

A 25.06.21 DEVELOPMENT APPLICATION

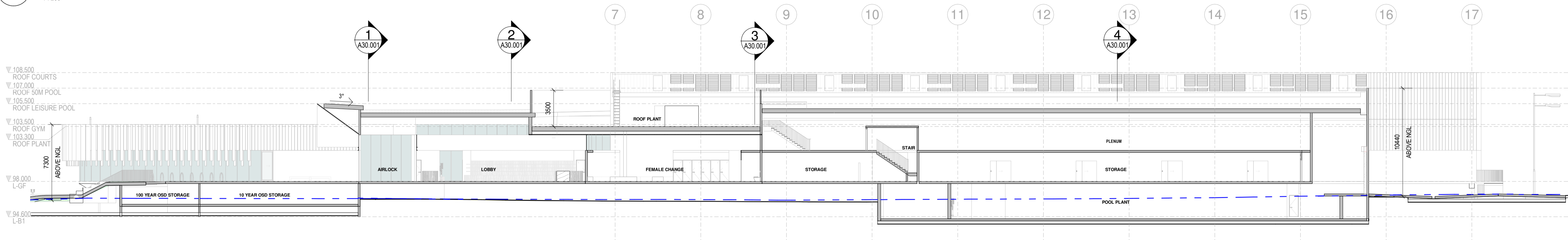
Notes



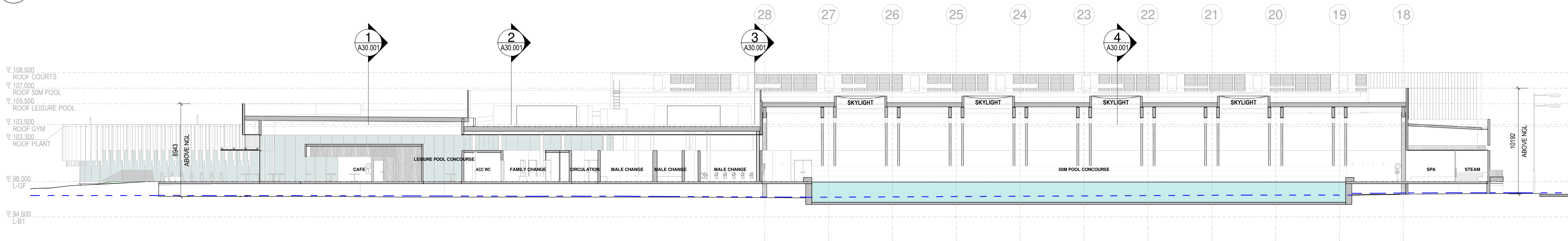
1 SECTION A-A
A10.001 1:200



2 SECTION B-B
A10.001 1:200



3 SECTION C-C
A10.001 1:200



4 SECTION D-D
A10.001 1:200

Client

Camden Council

Warren and Mahoney Architects Australia Pty Ltd

Suite 13.03, Plaza Building
Australia Square, 95 Pitt Street
Sydney, NSW 2000
Australia
Phone + 61 2 8021 9809
Nominated Architect:
Sven Ollmann ARB NSW 11123
Registered Architects and Designers
www.warrenandmahoney.com

Project Title

Oran Park Leisure Centre
Enter address here

Drawing Title

LONG BUILDING SECTIONS

Drawing Status

DEVELOPMENT APPLICATION

Drawing Details

Scale 1:200@ A1
Date 25.06.21
Job No 9167
Drawn WAM
Checked WAM

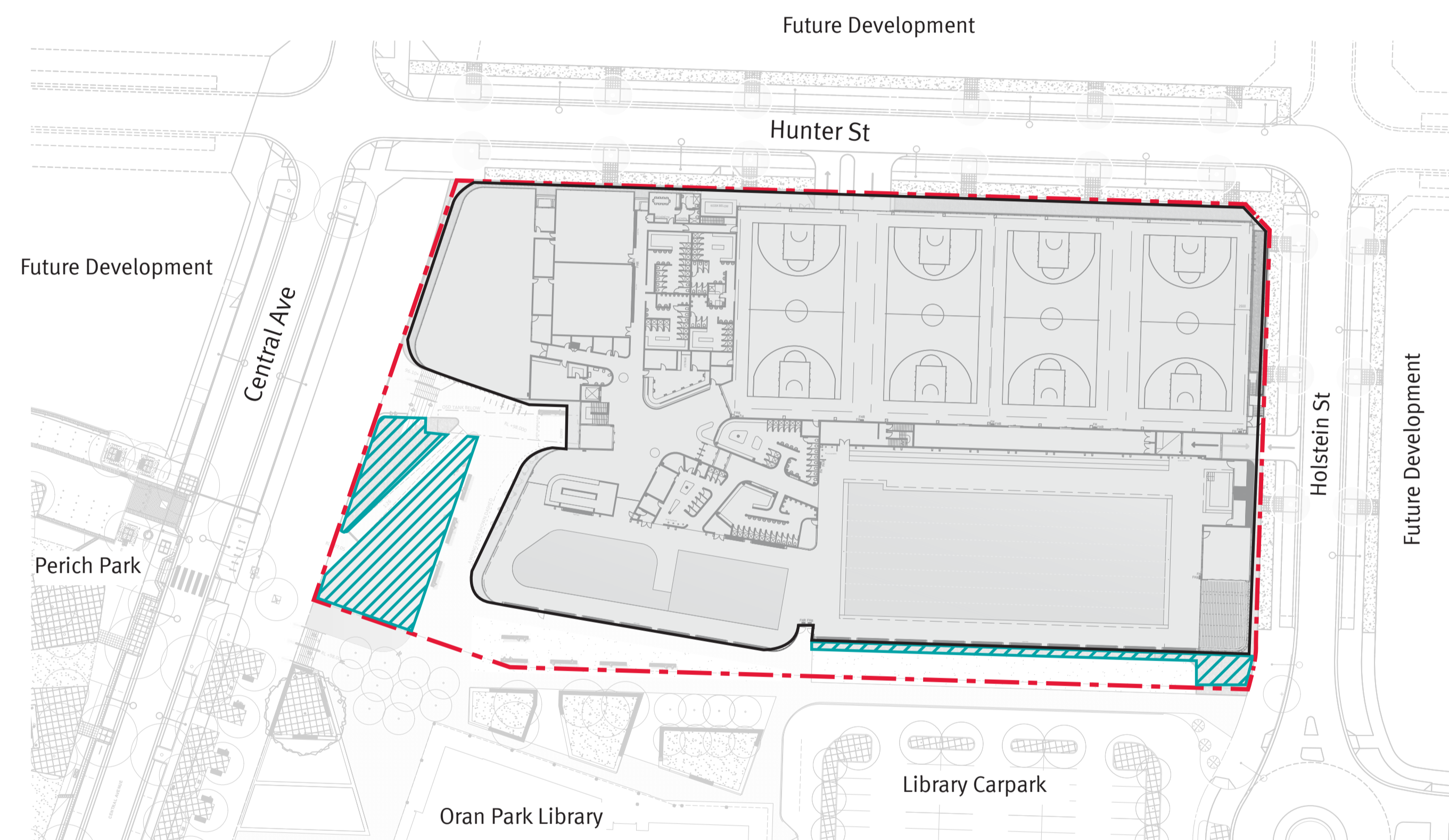
Drawing No

A30.002

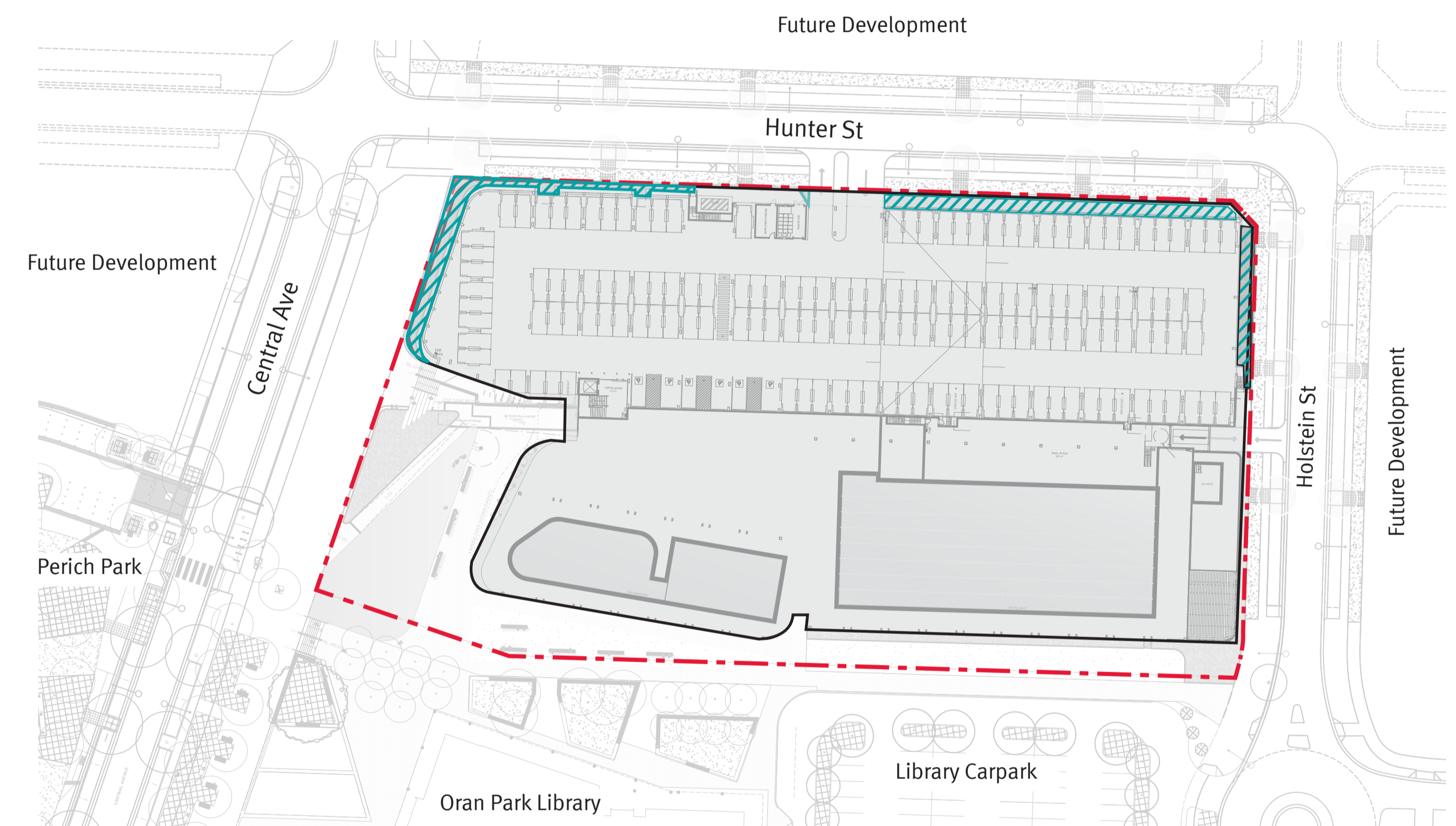
Revision




A




Lot Layout and Deep Soil Zone - Ground Floor

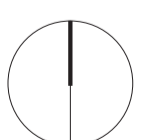


Lot Layout and Deep Soil Zone - Lower Ground



-  Leisure Centre building
-  Extent of works
-  Deep soil zone

-  Leisure Centre building
-  Extent of works
-  Deep soil zone



Client



Consultant

WARREN AND MAHONEY

Revisions

Issue	Date	Description	Drawn	Check
ADV	23.04.21	For Comment	JM	AJ
A	25.05.21	Development Application	JM	AJ

JMD design



190 James Street
Redfern NSW 2016
T (02) 9310 5644
info@jmdesign.com.au

Project
Oran Park Leisure Centre
Drawing title
Design Analysis & Key Principles 01

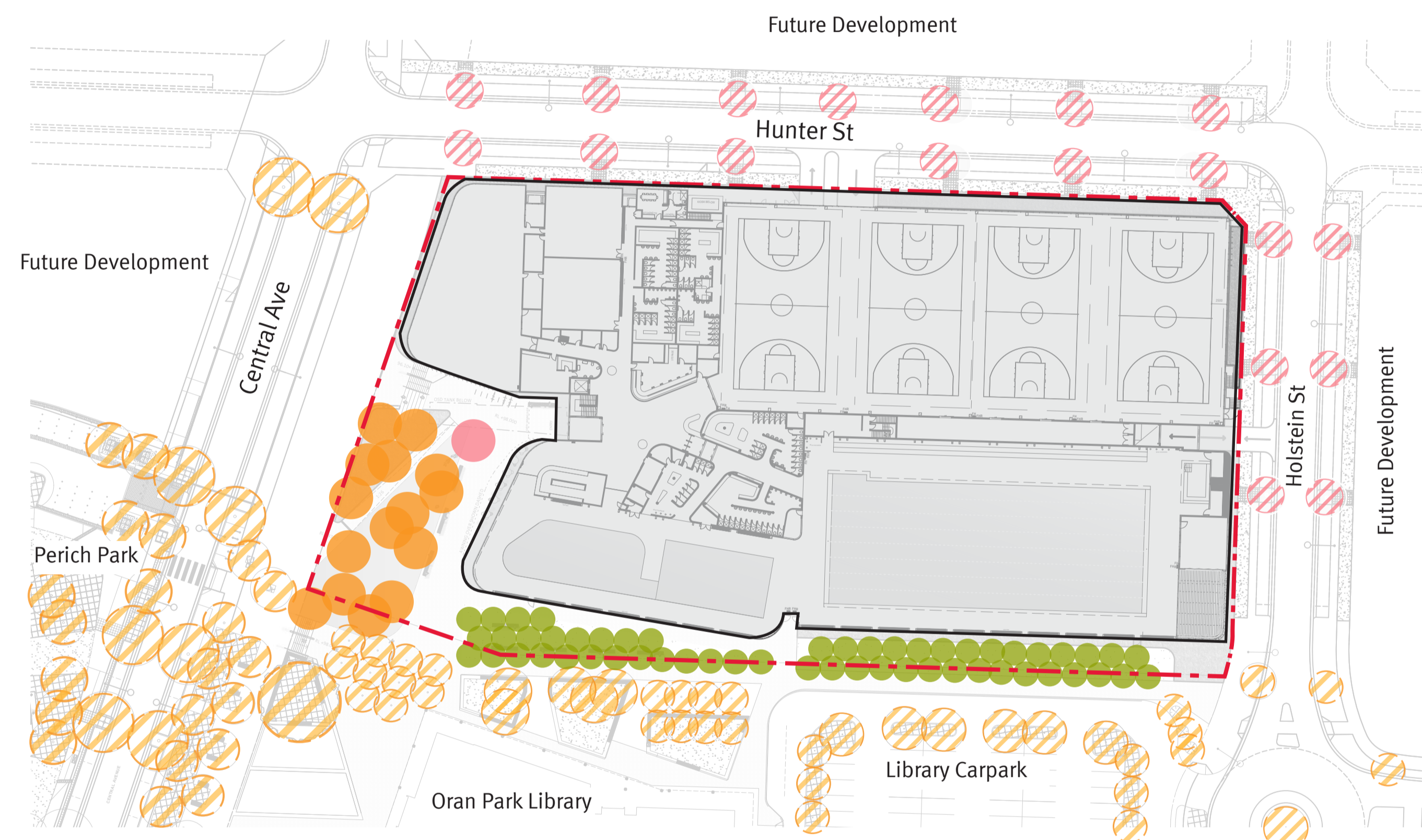
Date
May 2021
Scale
Scale NTS

Drawing No. Issue No.

L02

A

Tree Strategy



- Leisure Centre building
 - Extent of works
- | | |
|--|---|
| <p>Trees to be delivered as part of Oran Park Leisure Centre</p> <ul style="list-style-type: none"> Proposed feature tree - <i>Ulmus parvifolia</i> Proposed <i>Corymbia citriodora</i> Proposed <i>Pyrus calleryana</i> 'Cleveland Select' | <p>Trees to other submission</p> <ul style="list-style-type: none"> Proposed trees Existing trees |
|--|---|

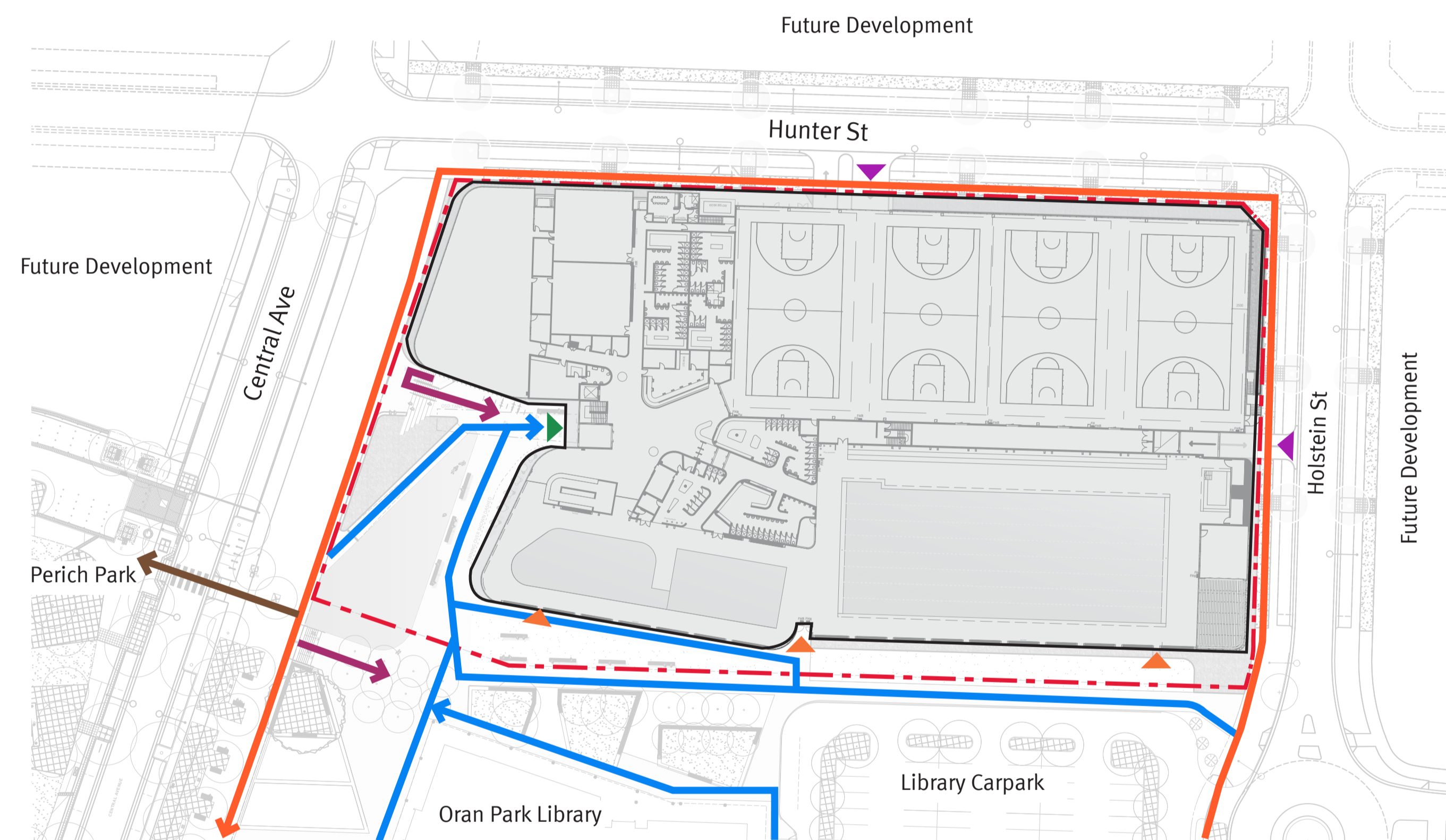
Landscape Treatments












- Leisure Centre building
- Extent of works
- Mass planting
- Turf area
- Civic area



Circulation



-  Leisure Centre building
-  Extent of works
-  2 - 12m footpath/plaza areas
-  Universal access (includes lift access from basement)
-  Universal access pedestrian crossing to Perich Park
-  Stair access from NS Promenade & basement
-  Vehicular access to basement
-  Fire/Emergency/Special Groups Access
-  Main access to building



Client



Consultant



Revisions

Issue	Date	Description	Drawn	Check
ADV	23.04.21	For Comment	JM	AJ
A	25.05.21	Development Application	JM	AJ

JMD design



190 James Street
Redfern NSW 2016
T (02) 9310 5644
info@jmdesign.com.au

Project
Oran Park Leisure Centre
Drawing title
Design Analysis & Key Principles 03

Date
May 2021
Scale
Scale NTS

Drawing No. Issue No.

L04

A

NOTE: all works to Central Avenue, Hunter Street and Holstein Street to future DA drawings

DA Landscape Plan - Ground Floor

KEY

Existing

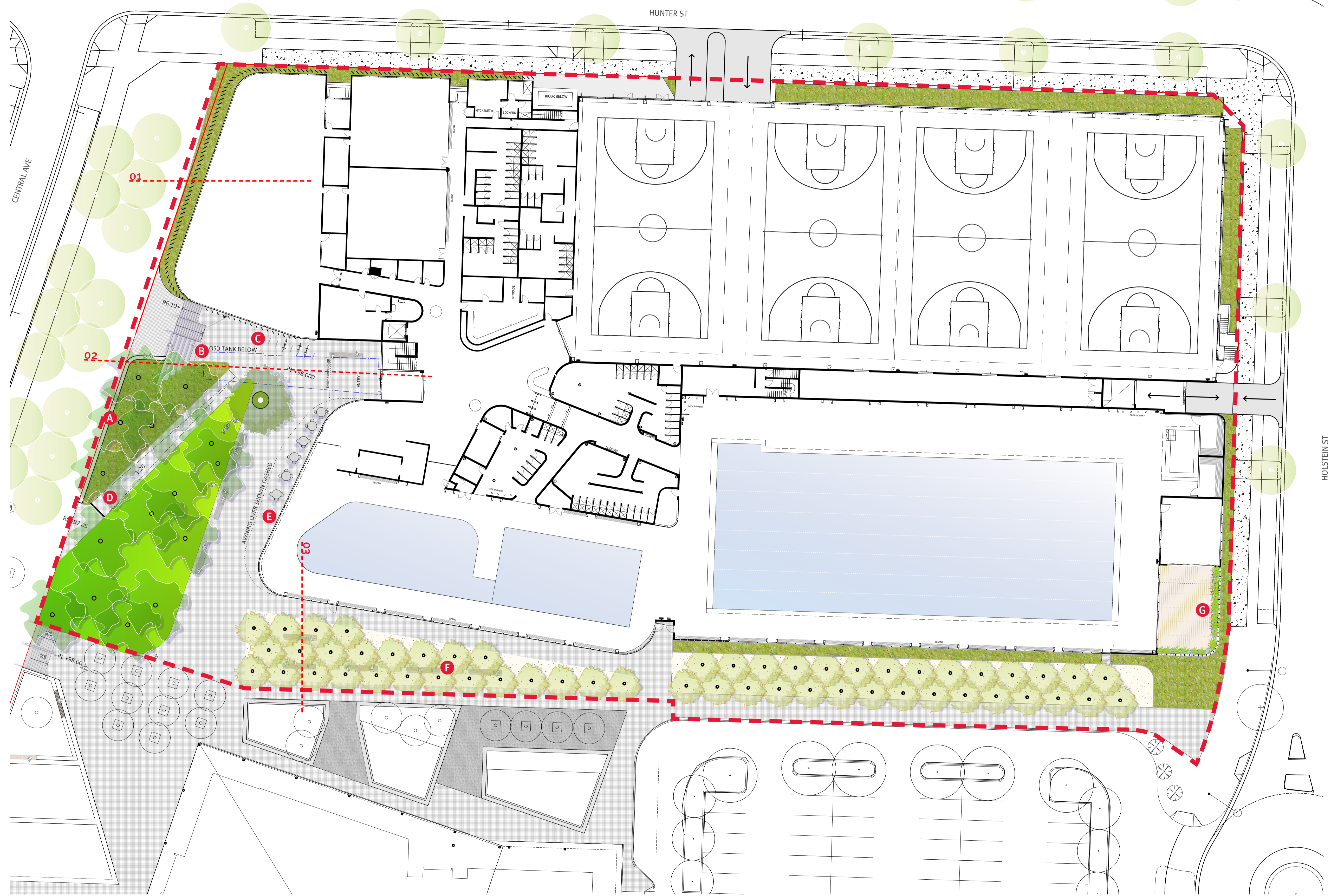
- Existing tree - tree pit
- Existing tree - in planting

Proposed

- Proposed *Ulmus parvifolia*
- Proposed *Pyrus calleryana* 'Cleveland Select'
- Proposed *Corymbia citriodora* - in planting/lawn
- Proposed tree - to separate DA
- Proposed lawn
- Proposed mass planting*
- Proposed paving to match existing
- Decomposed granite paving
- Proposed seating
- Extent of works

A Proposed retaining wall seating edge
B Proposed bleachers
C Bicycle parking
D Access ramp
E Cafe seating area
F Passive seating area
G Deck planter

* for species refer indicative plant schedule






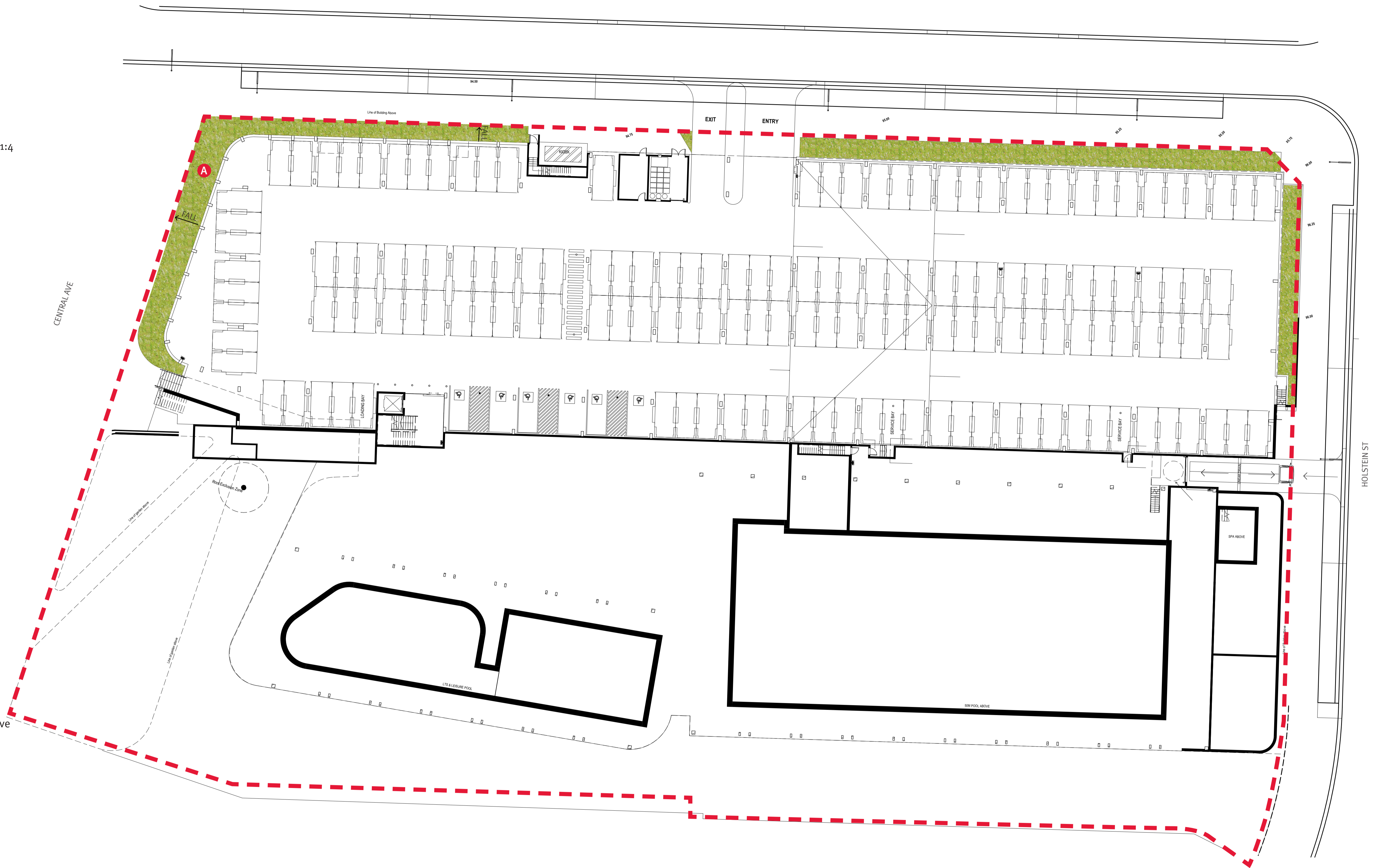
NOTE: all works to Central Avenue, Hunter Street and Holstein Street to future DA drawings

DA Landscape Plan - Lower Ground

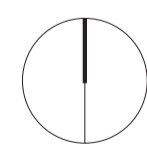
KEY

Existing

-  Proposed mass planting*
-  Mass planted berm - Max 1:4
-  Extent of works



* for species refer indicative plant schedule



0 2.5 5 10m

Client



Consultant

WARREN AND MAHONEY

Revisions

Issue	Date	Description	Drawn	Check
ADV	23.04.21	For Comment	JM	AJ
A	25.05.21	Development Application	JM	AJ

JMD design



190 James Street
Redfern NSW 2016
T (02) 9310 5644
info@jmdesign.com.au

Project
Oran Park Leisure Centre
Drawing title
A1 Plan - Lower Ground

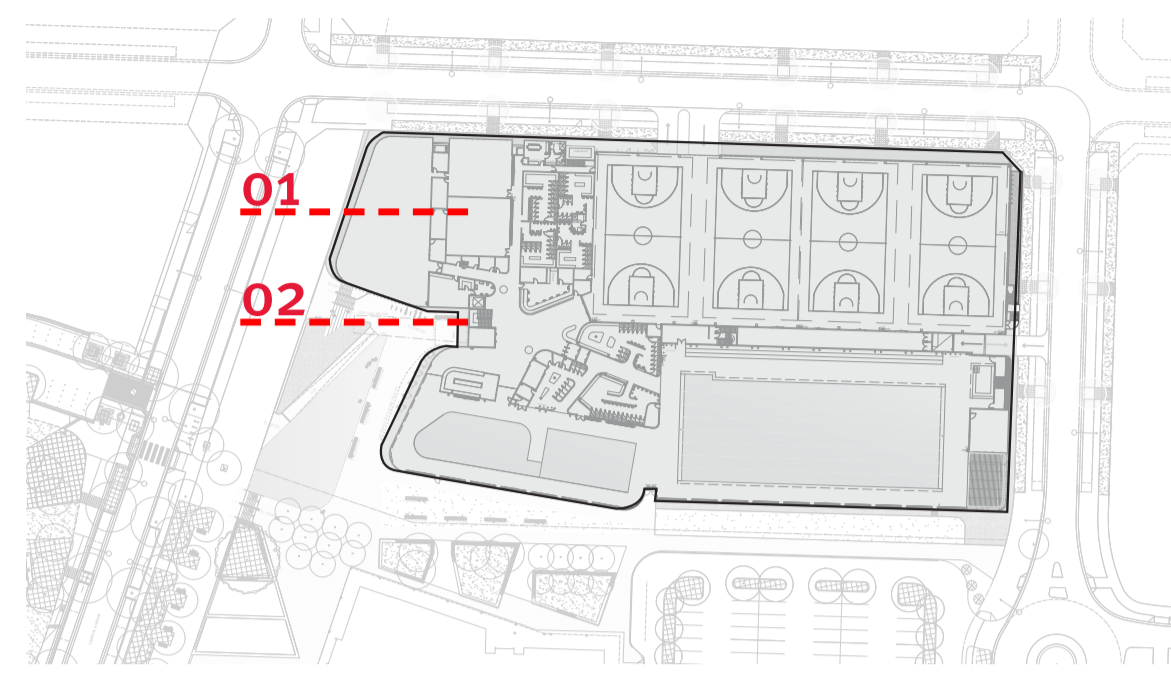
Date
May 2021
Scale
Scale 1:250 @ A1

Drawing No. Issue No.

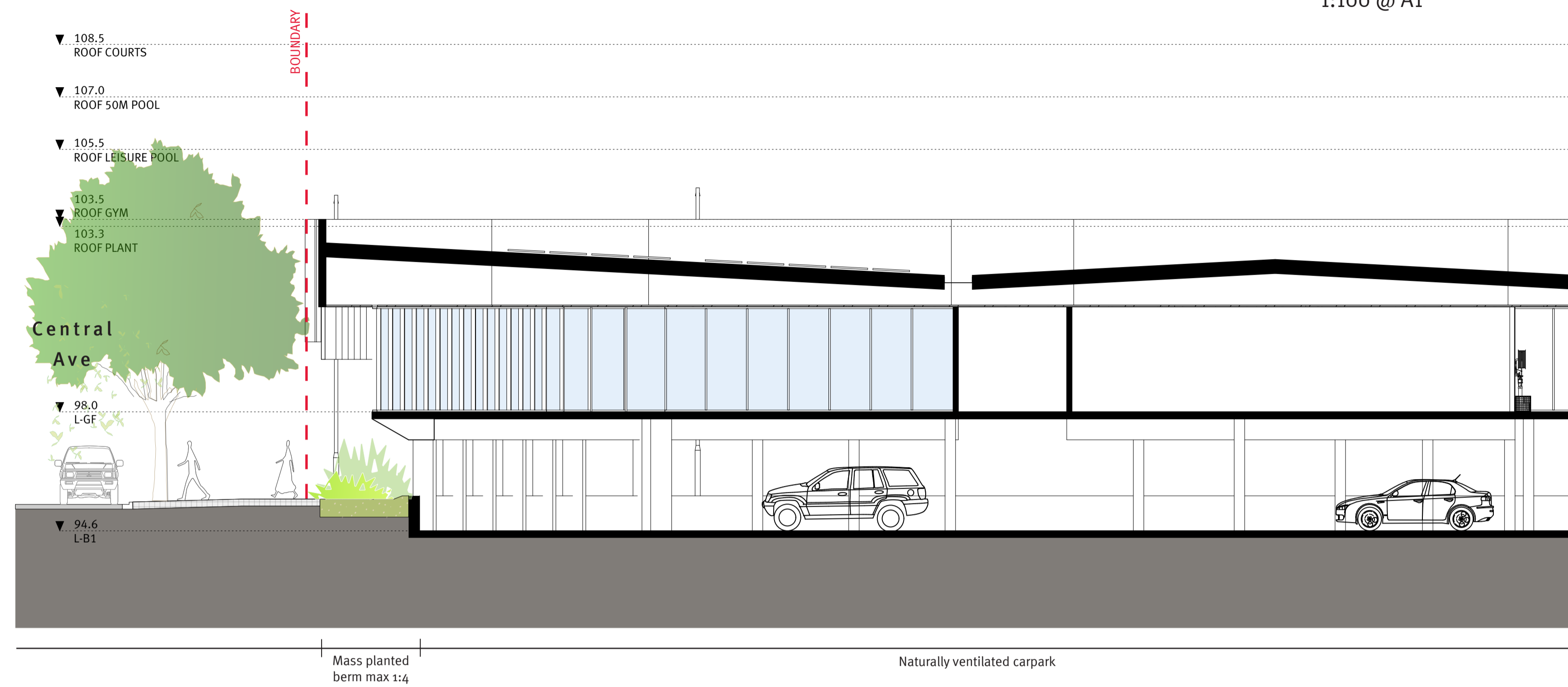
Lo6 A

Sectional Elevations

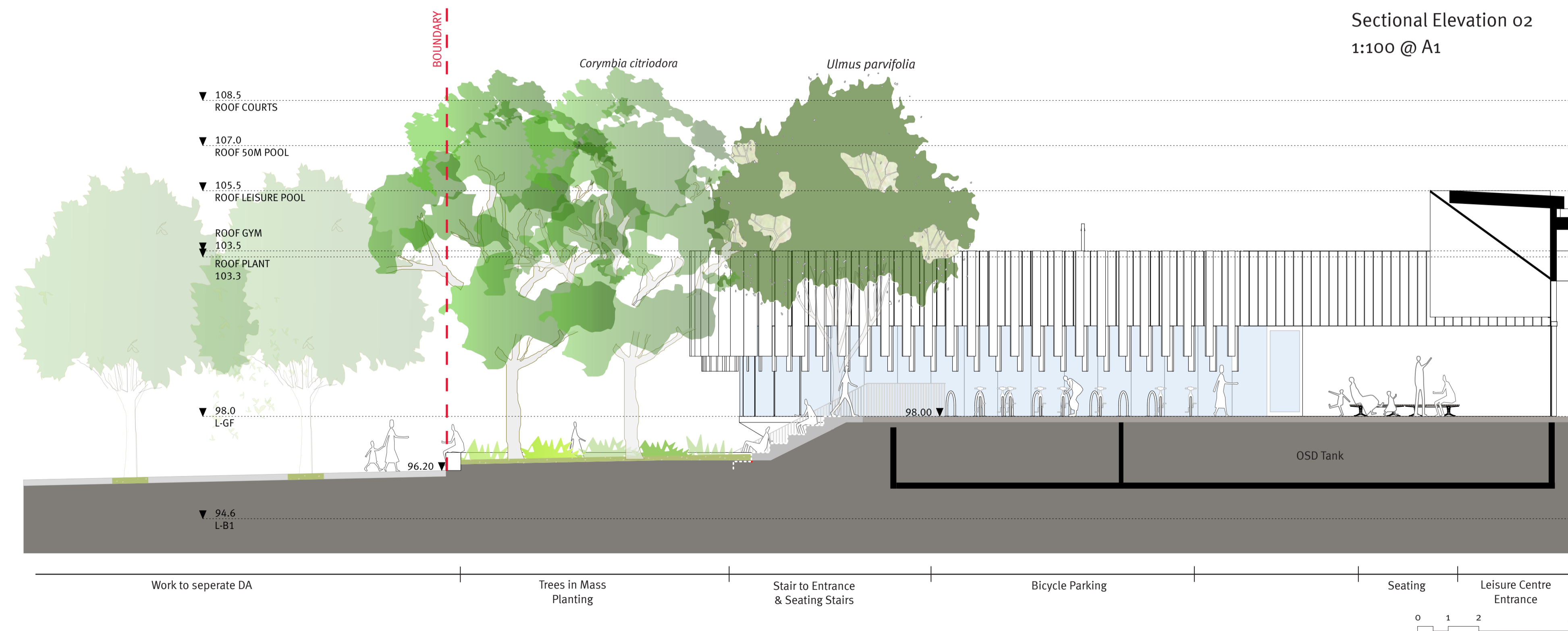
Sectional Elevation 01
1:100 @ A1



Key plan



Sectional Elevation 02
1:100 @ A1



Client



Consultant

WARREN AND MAHONEY

Revisions

Issue	Date	Description	Drawn	Check
ADV	23.04.21	For Comment	JM	AJ
A	25.05.21	Development Application	JM	AJ

JMD design



190 James Street
Redfern NSW 2016
T (02) 9310 5644
info@jmdesign.com.au

Project
Oran Park Leisure Centre
Drawing title
Sectional Elevations

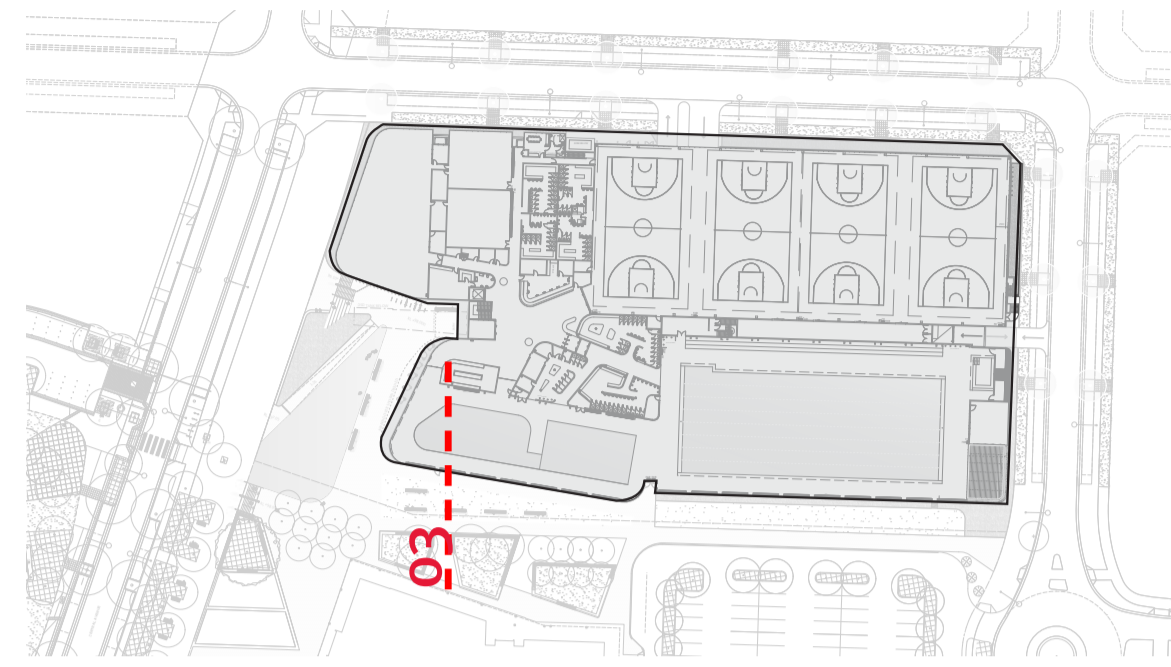
Date
May 2021
Scale
Scale 1:100 @ A1

Drawing No. Issue No.

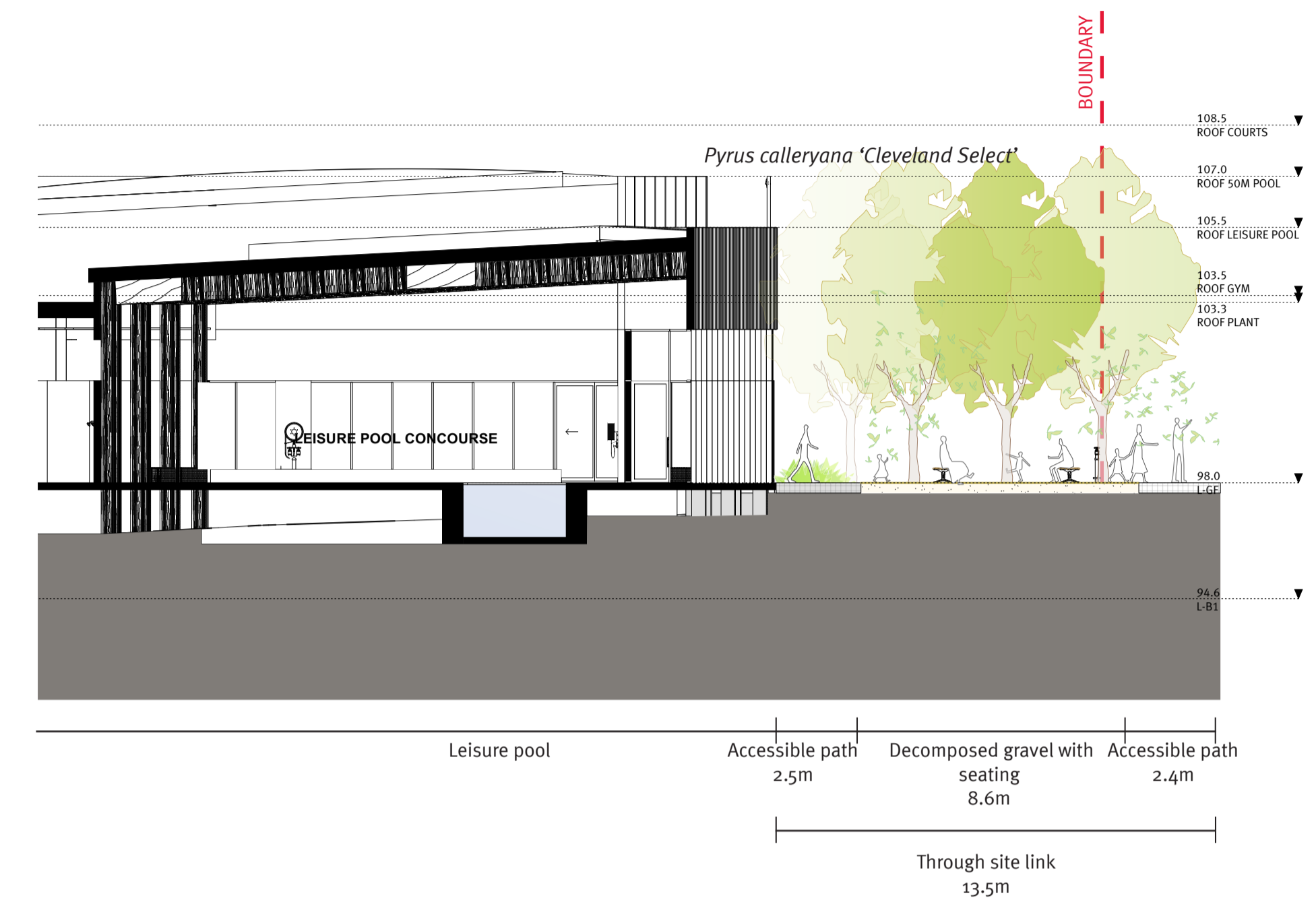
L07 A

Sectional Elevations

Sectional Elevation 03
1:100 @ A1



Key plan



Client



Consultant



Revisions

Issue	Date	Description	Drawn	Check
ADV	23.04.21	For Comment	JM	AJ
A	25.05.21	Development Application	JM	AJ

JMD design



190 James Street
Redfern NSW 2016
T (02) 9310 5644
info@jmdesign.com.au

Project
Oran Park Leisure Centre
Drawing title
Sectional Elevations

Date
May 2021
Scale
Scale 1:100 @ A1

Drawing No. Issue No.

Lo8 A

Planting



Mass planting under trees

Walls & Edges



In-situ and/ or precast concrete walls and retaining edges

Materials & Finishes Palette



Trees



Seating in crushed gravel under mature tree canopy

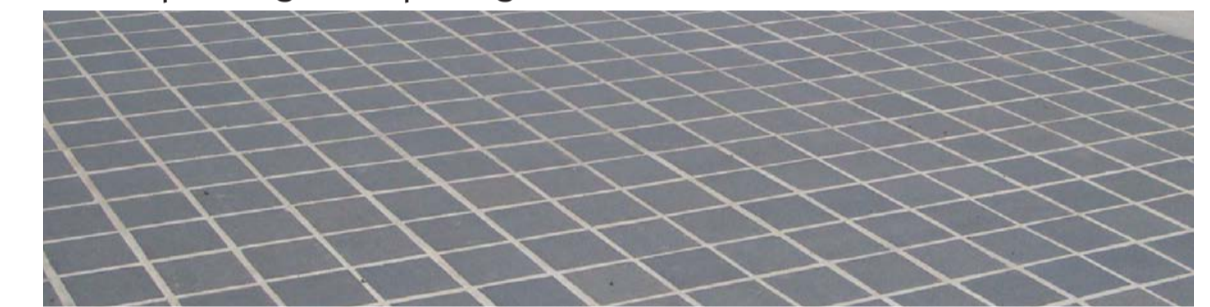
Pavements



Granite paving, varying stone colours*

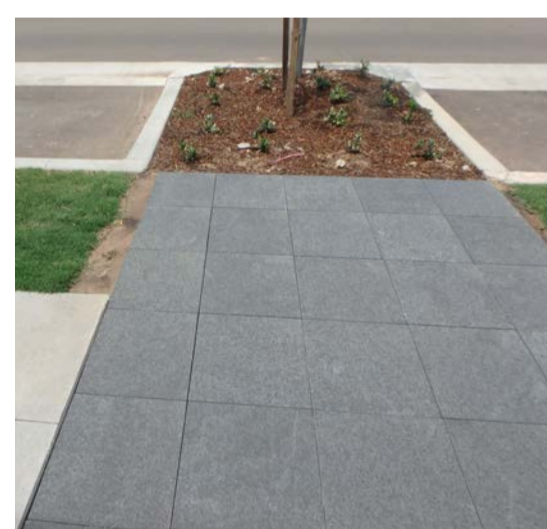


Decomposed granite paving

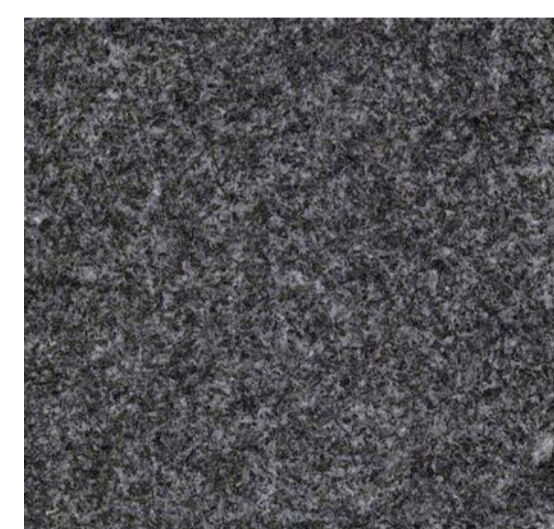


Granite paving, varying finishes and unit sizes to differentiate areas*

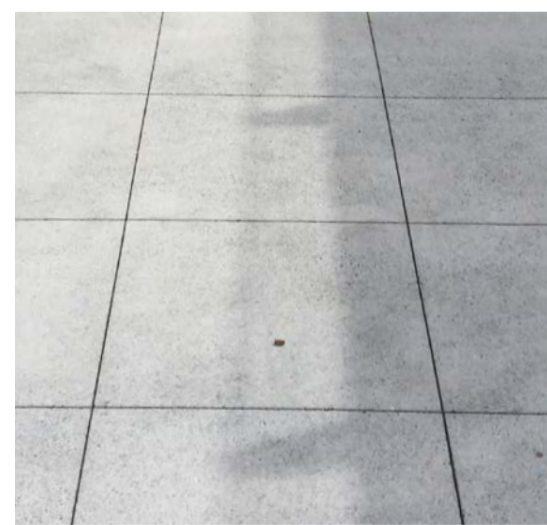
Indicative Materials Palette



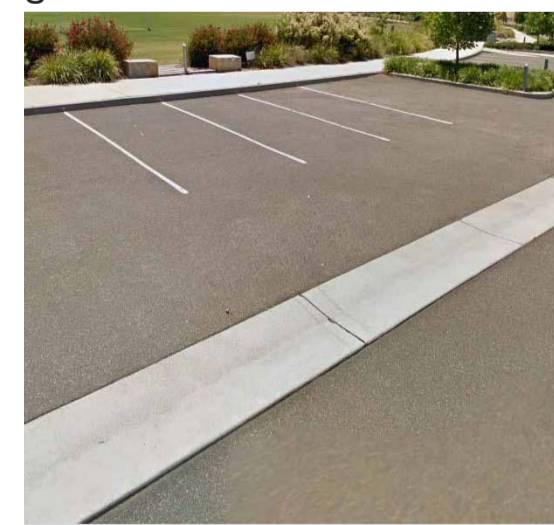
Granite paving Type B



'Raven Black' with exfoliated granite finish



Paving Type F - 'CCH Gost Gum' lightly washed coloured concrete



Dish drain

Standard Furniture - OPTC Materials & Furniture Suite



Steel bicycle racks (subsurface fixed)



Powdercoated metal rubbish bin enclosure*



Metal and hardwood timber batten benches and seats as standard seating type



Street furniture to future detail consistent to Town Park and North South Promenade

* Refer to Oran Park Town - Public Domain Manual, 2011

Client



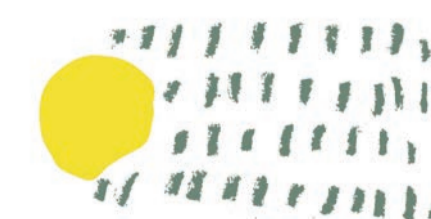
Consultant



Revisions

Issue	Date	Description	Drawn	Check
ADV	23.04.21	For Comment	JM	AJ
A	25.05.21	Development Application	JM	AJ

JMD design



190 James Street
Redfern NSW 2016
T (02) 9310 5644
info@jmdesign.com.au

Project
Oran Park Leisure Centre
Drawing title
Materials and Finishes Palette

Date
May 2021
Scale
NA

Drawing No. Issue No.

Log

A

Indicative Plant Schedule

Trees



Corymbia citriodora



Corymbia citriodora



P. calleryana 'Cleveland Select'



P. calleryana 'Cleveland Select'



Ulmus parvifolia

Mass Planting - Shrubs



C. viminalis 'Little John'



Philotheca buxifolia



R. indica 'Snow Maiden'



Syzygium australe 'Tiny Trev'



Westringia fruticosa 'Grey Box'

Grasses & Groundcovers



Dianella spp.



Dichondra repens



Ficinia nodosa



Gazania tomentosa



Hardenbergia 'Happy Wanderer'



Juniperus conferta



Liriope 'Just Right'



L. longifolia 'Tanika'



L. Longifolia 'Verday'



Trachelospermum 'Tri Colour'

Deck Planter



Alpinia nutans



Rhapis Excelsa

Botanical name	Common name	Height	Pot size
Trees:			
<i>Corymbia citriodora</i>	Lemon Scented Gum	30m	100L
<i>Pyrus calleryana</i> 'Cleveland Select'	Ornamental Pear	10m	100L
<i>Ulmus parvifolia</i>	Chinese Elm	13m	100L
Mass Planting - Shrubs:			
<i>Grevillea</i> 'Mt Tamboritha'	Grevillea	Varies	140mm pot
<i>Philotheca buxifolia</i>	Box Leaf Wax Flower	1 m	140mm pot
<i>Westringia fruticosa</i> 'Grey Box'	Dwarf Coastal Rosemary	600mm	140mm pot
<i>Westringia fruticosa</i> 'Zena'	Coastal Rosemary	600mm	140mm pot
Grasses & Groundcovers			
<i>Dianella</i> spp.	Blue Flax Lily	Varies	90x90x50mm
<i>Dichondra repens</i>	Kidney Weed	100mm	90x90x50mm
<i>Ficinia nodosa</i>	Knobby Club Rush	Varies	90x90x50mm
<i>Lomandra longifolia</i> 'Tanika'	Tanika Mat Rush	600mm	140mm pot
<i>Viola hederacea</i>	Native Violet	100mm	90x90x50mm
Mass Planting Species - Ornamental			
<i>Hardenbergia</i> 'Happy Wanderer'	False Sarsaparilla	Varies	200mm pot
<i>Raphiolepis indica</i> 'Snow Maiden'	Indian Hawthorn	600mm	140mm pot
<i>Syzygium australe</i> 'Tiny Trev'	Lilly Pilly	1m	140mm pot
Ornamental Grasses, Groundcovers & Climbers			
<i>Gazania tomentosa</i>	Gazania	300mm	140mm pot
<i>Juniperus conferta</i>	Shore juniper	500mm	140mm pot
<i>Liriope</i> 'Just Right'	Lilyturfs	500mm	140mm pot
<i>Lomandra</i> 'Verday'	Dwarf Lomandra	600mm	140mm pot
<i>Trachelospermum</i> 'Tri Colour'	Star Jasmine	300mm	140mm pot
Deck Planter			
<i>Alpinia nutans</i>	Dwarf Cardamon	1500mm	140mm pot
<i>Rhapis excelsa</i>	Rhapis Palm	3000mm	140mm pot

-Indicative planting palette only - subject to availability and confirmation during procurement.
-Indicative heights at maturity.

Client



Consultant



Revisions

Issue	Date	Description	Drawn	Check
ADV	23.04.21	For Comment	JM	AJ
A	25.05.21	Development Application	JM	AJ



190 James Street
Redfern NSW 2016
T (02) 9310 5644
info@jmdesign.com.au

Project
Oran Park Leisure Centre
Drawing title
Indicative Plant Schedule

Date
May 2021
Scale
NA

Drawing No. | Issue No.
L10 | A