

SU - SURFACES

SU-001a ACID ETCHED CONCRETE - INSITU (PEDESTRIAN)
125mm 20mpa reinforced U10 concrete paving with light acid etched finish to expose sands and fines – Nom. Peter Fell 'sandstone' finish over 100mm compacted AP40. 5mm Sawcuts at intervals as drawn (max. 5m)

SU-001b ACID ETCHED CONCRETE - INSITU (VEHICLE)
Nom. 195mm 40mpa reinforced U10 concrete paving with light acid etched finish to expose sands and fines – Nom. Peter Fell 'sandstone' finish over grade 4 chipseal membrane and 200mm compacted AP40 to engineer's specification. 5mm Sawcuts at intervals as drawn (max. 5m)

SU-003 ASPHALT (VEHICLE)
To Engineers Specification and Details.

SU-004 COMPACTED AGGREGATE PATHWAY
Option A: 75mm Aggrok by 360 Urban over 150mm compacted AP40. Colour to be Coromandel Gold.
Option B: 100mm Hoggin - 50% 1.5 - 3.75 fine grade limestone chip mixed with 45% GAP

SU-005 PERMEABLE CAR PARK PAVING
200 x 200 x 100mm Firth Gobi Block permeable paver with semi grassed surface. Sub layers to Engineer's specification

SU-006 BEACH GRAVEL
150mm deep, 15 - 40mm grade light grey to dark blue/grey mix washed rounds. Gravel to be over geotextile weedmat. Aggregate source TBC.

SU-007 TIMBER DECK
65/140/180 x 75mm purpleheart planks (watershed profile) with nom. 2mm joints with rough sawn top face and sawn sides. Planks fixed to H5 50 x 100mm bearers at 1000mm centres with 2No. M12 stainless steel hex head coach bolt at each bearer. Finished 10mm below surface and finished with Sika Tack drive and Sika 3N primer flexible caulking to 30mm dia. Bearer fixed to 150mm concrete base using 10mm packers for levelling and drainage and countersunk stainless steel masonry anchor at 450mm centres.

SU-008 TGSi WARNING INDICATORS
35mm dia, 4mm high Freedom Strategies Limited stainless steel hazard tactile stud with yellow carbonundum centre. Laid at 50mm centres as 600mm wide.

SU-009 PRACTICE AREA / PLAY SURFACE (SYNTHETIC TURF)
35mm pile fine lawn 'permaturf' artificial turf by Numat on 105mm critical fall shockpad over granular or shotcrete base. Final depth of base layers subject to detailed playground design and required fall heights and substrates.

SU-010 PLAY SURFACE (WETPOUR)
Nom. 15mm - 30mm granular rubber play surface over shockpad and granular or shotcrete base. 'Burgess Matting Flexibond' or 'Numat pour n play'. Allow for variation in colours and topography. Final depth of surface and base layers subject to detailed playground design and required fall heights and substrates.

SU-011 PERFORMANCE POOL - TILE
25 x 25 x 6.5mm Plural non slip mosaic tile by Agrob-Buchtal fix to concrete to pool specialist specifications. Allow for tile corner units. Waterproofing sealants to fittings to pool specialist details and specifications. Allow for various sizes and profiles TBC during detailed design.

SU-012 PERFORMANCE POOL - COPING
Stone to have sawn sides with flamed top and exposed face. Stone to be Type B basalt supplied by Designsource or equal approved. Fix to concrete with suitable 'swimming pool' epoxy mortar, SikaCeram - 255 Starfix or equal (TBC) and Nom. 3mm Waterproof epoxy grout, SikaCeram or equal (TBC) to pool specialist approval.

SU-013 SPA
Above ground elevated Spa pool with fenced and gated entry stair to meet pool fencing requirements. Spa type and supplier to be confirmed at detailed design.

SU-014 LAGOON BEACH
Large grade (non floatable)sand to nom. 400mm depth over geotextile weed mat and compacted subbase.

SU-015 STEEL WALKWAY

SU-016 COMPACTED GRAVEL - OVERFLOW PARKING
Compacted gravel with timber edging, detail TBC

FU - FURNITURE

FU-001 ROCK SEAT / PLINTH
65 x 65mm purpleheart timber battens on insitu concrete or painted & galvanised steel frame.

FU-002 SURFBOARD RACK
Timber board rack for short term surf board storage

FU-003 WET SUIT RACK
460 x 135 x 1200mm high purpleheart timber post with 60mm dia powdercoated steel rail

FU-004 BIKE RACK
Scope Bike Hoop with horizontal cross panel featuring 'PAIHIKARA' ext laser cut from cross panel by Streetscape NZ.

FU-005 TIMBER WHEEL STOP
1800 x 100 X 75mm H4 timber wheelstop on 35mm steel packers at 400mm centres fixed to concrete base.

FU-006 SHELTER
Nom. 3000mm high steel framed shelter with 65 x 65mm purpleheart timber batten cladding. Side panels to be 6mm thick galvanised and painted steel sheet.

ET - EDGES

WT - WALLS

WT-001 LAGOON WALL
Lagoon wall - refer to wavegarden details

LP - LIGHTING

LP-001 LAGOON LIGHTING - POLE
Refer to Specialist Lighting Designers Drawings

BS - BALUSTRADE SYSTEMS

BS-001 STEP/RAMP HANDRAIL - TYPE 1 (SIDE MOUNTED)
50 x 25 x 3mm stainless steel RHS handrail with 6mm steel flat wall bracket. Bead blasted finish.

BS-002 STEP HANDRAIL - TYPE 2 (CENTRAL LOOP)
50 x 25 x 3mm stainless steel RHS double rail to form loop. Bead blasted finish.

BS-003 WEATHERING STEEL BALLUSTRADE
1200mm high x 10mm thick weathering steel balustrade bolt fixed to concrete base

BS-004 <varies>
<varies>

ST - STEPS

ST-001 INSITU CONCRETE STEP
F4 In-situ concrete steps with nom. 150mm risers and 400mm treads. Tread finish to match SU-001 paving, riser to be contrasting exposed finish. Allow for non-slip nosing inserts.

ST-003 METAL STAIR

TR - TREES

TR-001 LAGOON AREA SPECIMEN TREE
45L & 80L Grade with minimum 1m² topsoil per tree. All trees to be staked with 3No. Stakes and tied at Nom. 1000mm from ground

TR-002 LAGOON AREA SPECIMEN TREE
160L Grade with minimum 3m² topsoil per tree. All trees to be ground anchored with timber straining frames and stainless steel wires

TR-003 LARGE GRADE SPECIMEN TREE
400L Grade with minimum 6m² topsoil per tree, All trees to be ground anchored with timber straining frames and stainless steel wires

TR-004 LARGE GRADE SPECIMEN TREE
1000L Grade with minimum 6m² topsoil per tree, All trees to be ground anchored with timber straining frames and stainless steel wires

PL - PLANTING

PL-001 SHORELINE LAGOON PLANTING
Typically 2.5L Grade groundcovers and low shrubs, 5L medium and tall shrubs, 10L palms. Allow 450mm depth of growing media or conditioned site topsoil, allow for 75-100mm of mulch

PL-002 DUNE PLANTING
Typically 2.5L Grade groundcovers, low and medium shrubs. Nom. 300mm depth of growing media or conditioned site topsoil. Allow for 75-100mm mulch

PL-003 RURAL PLANTING / VISUAL SCREENING
Typically 2.5L Grade groundcovers, low and medium shrubs. Nom. 300mm depth of growing media or conditioned site topsoil. Allow for 75-100mm mulch. Species to be located along Dairy Flat Highway site boundary at detailed design

PL-004 SWALE & WETLAND PLANTING
Typically 2.5L Grade groundcovers. Allow 400mm depth of topsoil/swale growing media, Allow for 75-100mm Non floatable mulch. Species to be located to confirmed swale and wetland areas in conjunction with final stormwater design at detailed design

GT - GRASS

GT-001 TURF
Turf with irrigation. Kikuyu. Type to be Regal Staygreen Kikuyu by PGG Wrightson. Mow to 20 - 30mm. Allow 100 to 200mm depth of growing media

FT - FENCE TYPE

FT-001 LAGOON FENCING
1200mm High vertical timber batten fencing, Detail TBC

FT-002 POOL FENCING
1200mm High Nom. Glazed pool fencing, Detail TBC

FT-003 SITE FENCING
1.8m BLACK VERTICAL BAR IN PLANTING

FT-004 SERVICE YARD FENCING
2400mm High closed / screen fencing. Detail TBC

FT-005 PARK FENCING
Timber post and wire fencing

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Revisions

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Notes

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Civil Engineer

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Traffic Engineer

Client

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Project Title

10076 AUCKLAND SURF PARK

1350 Dairy Flat Highway, Auckland, New Zealand

Drawing Title

KEY SHEET

Drawing Status

RESOURCE CONSENT

Drawing Details

Scale @ A1
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Job No 10076
Drawn Author
Checked Checker

Drawing No

L00.002

Revision

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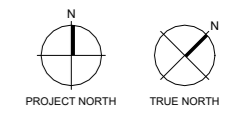
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Project Title

**10076 AUCKLAND
SURF PARK**
1350 Dairy Flat Highway, Auckland, New Zealand

Drawing Title

SITE PLAN

Drawing Status

RESOURCE CONSENT

Drawing Details

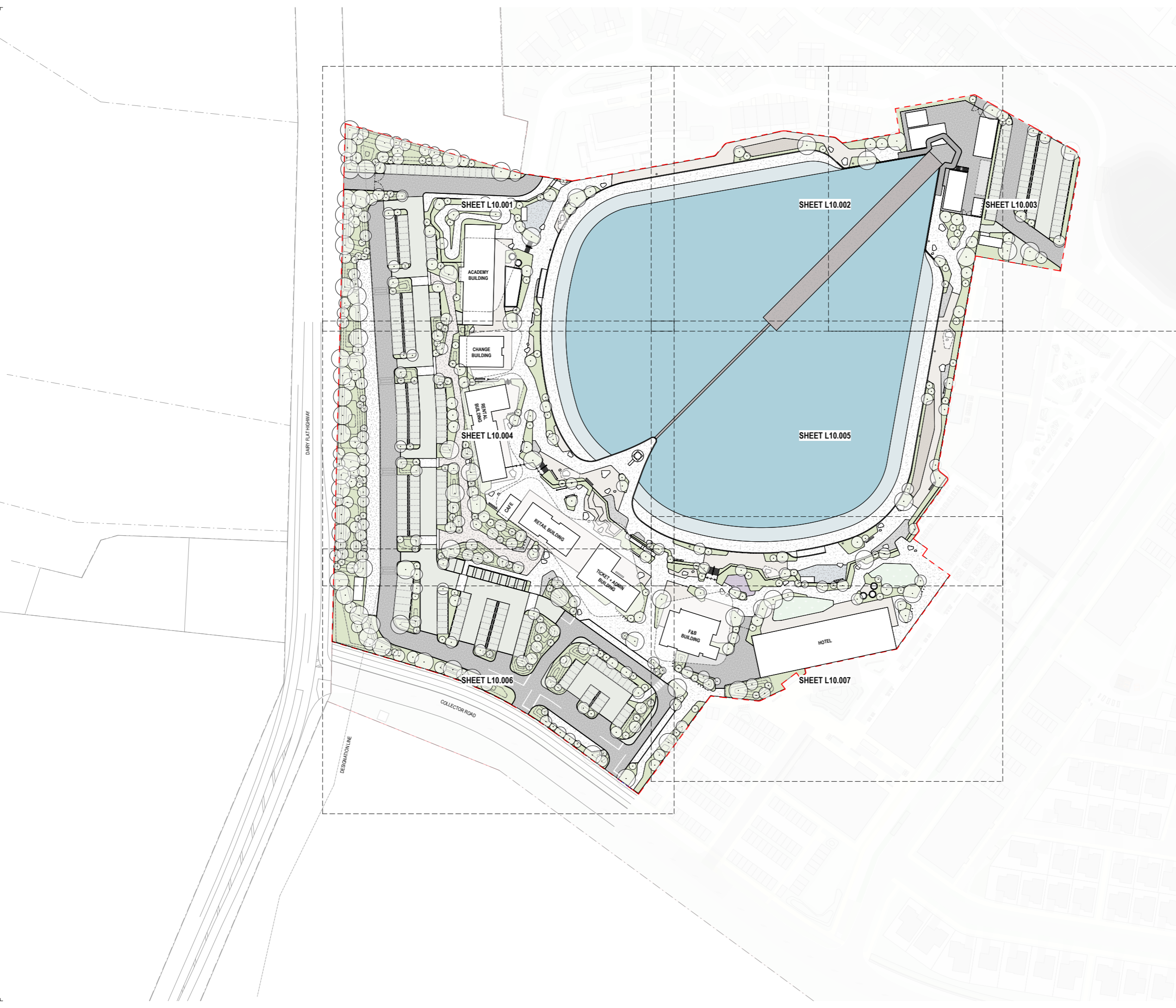
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








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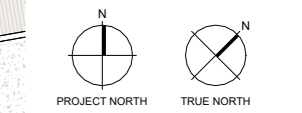
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Revisions
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- Notes**
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 -  SU-003 ASPHALT
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 -  TR-002
 -  TR-003
 -  TR-004
 -  EXTENT OF WORKS



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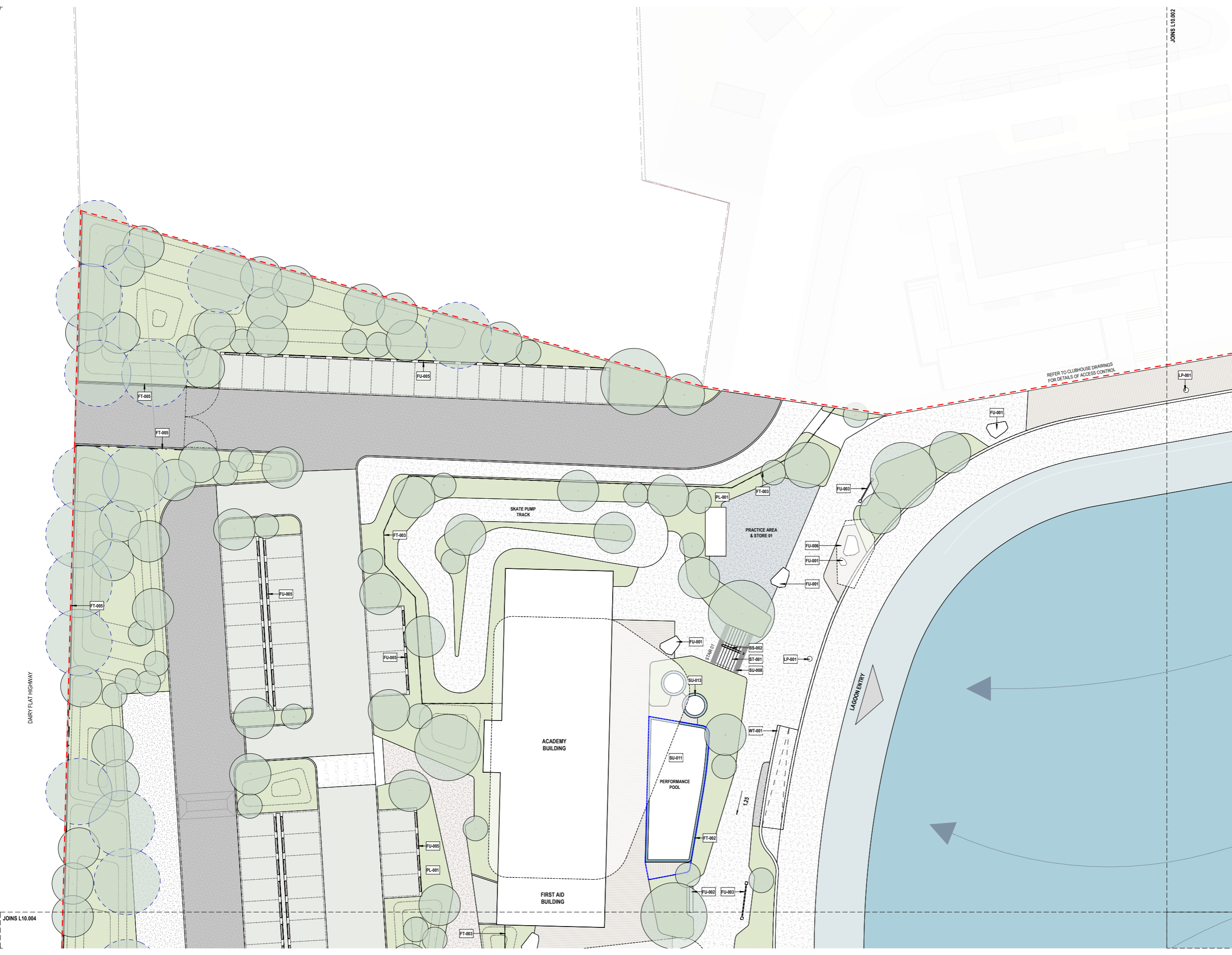
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 SURF PARK
 1350 Dairy Flat Highway, Auckland, New Zealand

Drawing Title
 GENERAL
 ARRANGEMENT

Drawing Status
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Drawing No L10.001
Revision (A)




















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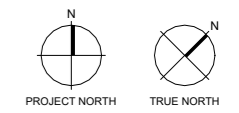
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-  TR-002
-  TR-003
-  TR-004
-  EXTENT OF WORKS



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Project Title

**10076 AUCKLAND
SURF PARK**
1350 Dairy Flat Highway, Auckland, New
Zealand

Drawing Title

**GENERAL
ARRANGEMENT**

Drawing Status

RESOURCE CONSENT

Drawing Details

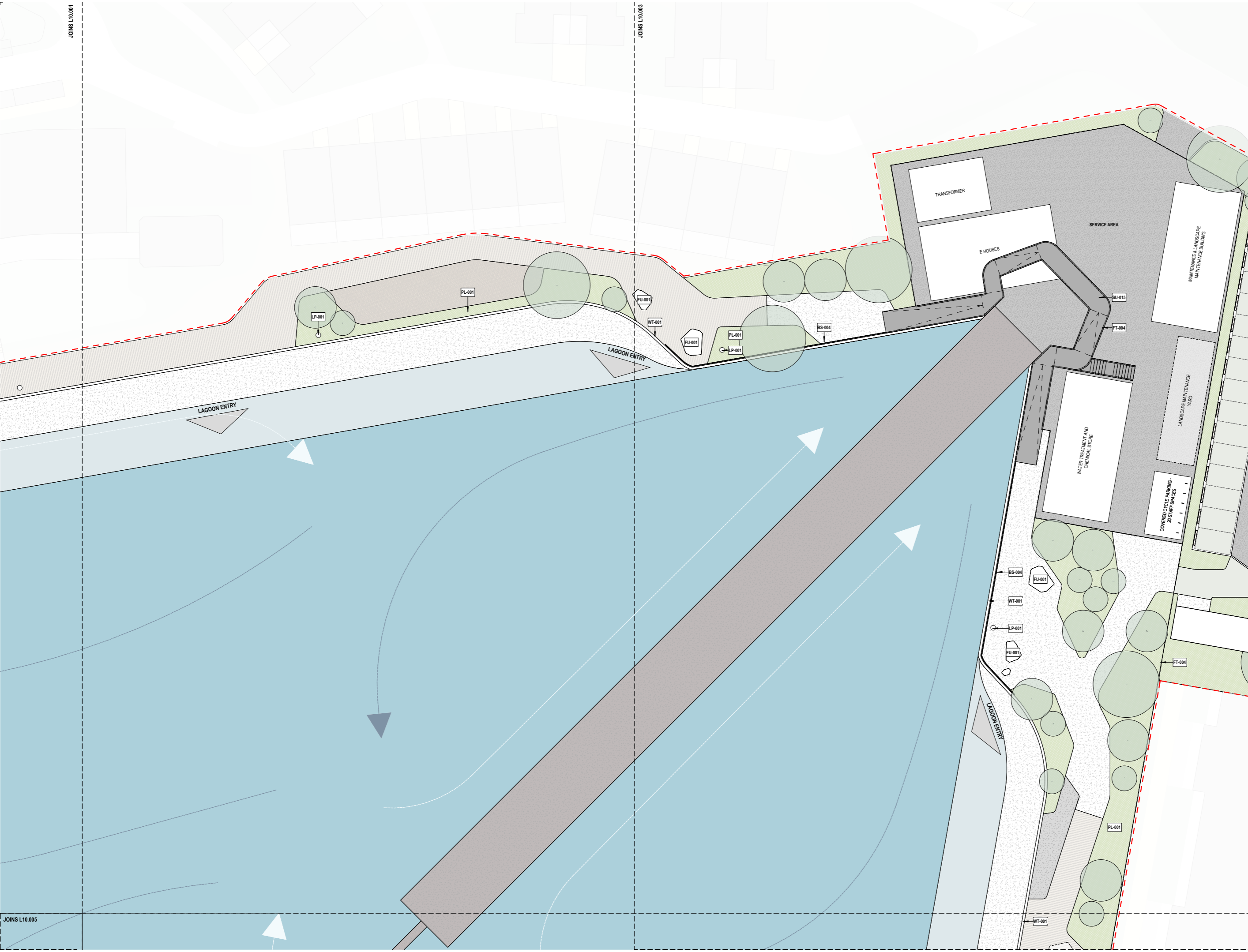
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Drawing No

L10.002

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JOINS L10.001

JOINS L10.003

JOINS L10.005



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- Notes**
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 - TR-002
 - TR-003
 - TR-004
 - EXTENT OF WORKS
- PROJECT NORTH TRUE NORTH

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Project Title

**10076 AUCKLAND
SURF PARK**
1350 Dairy Flat Highway, Auckland, New Zealand

Drawing Title

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Drawing Status

RESOURCE CONSENT

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Checked	MH

Drawing No **Revision**


















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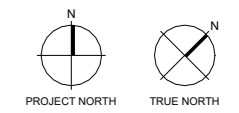
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Project Title

**10076 AUCKLAND
SURF PARK**
1350 Dairy Flat Highway, Auckland, New
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Drawing Title

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Drawing Status

RESOURCE CONSENT

Drawing Details

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Drawing No

L10.004

Revision

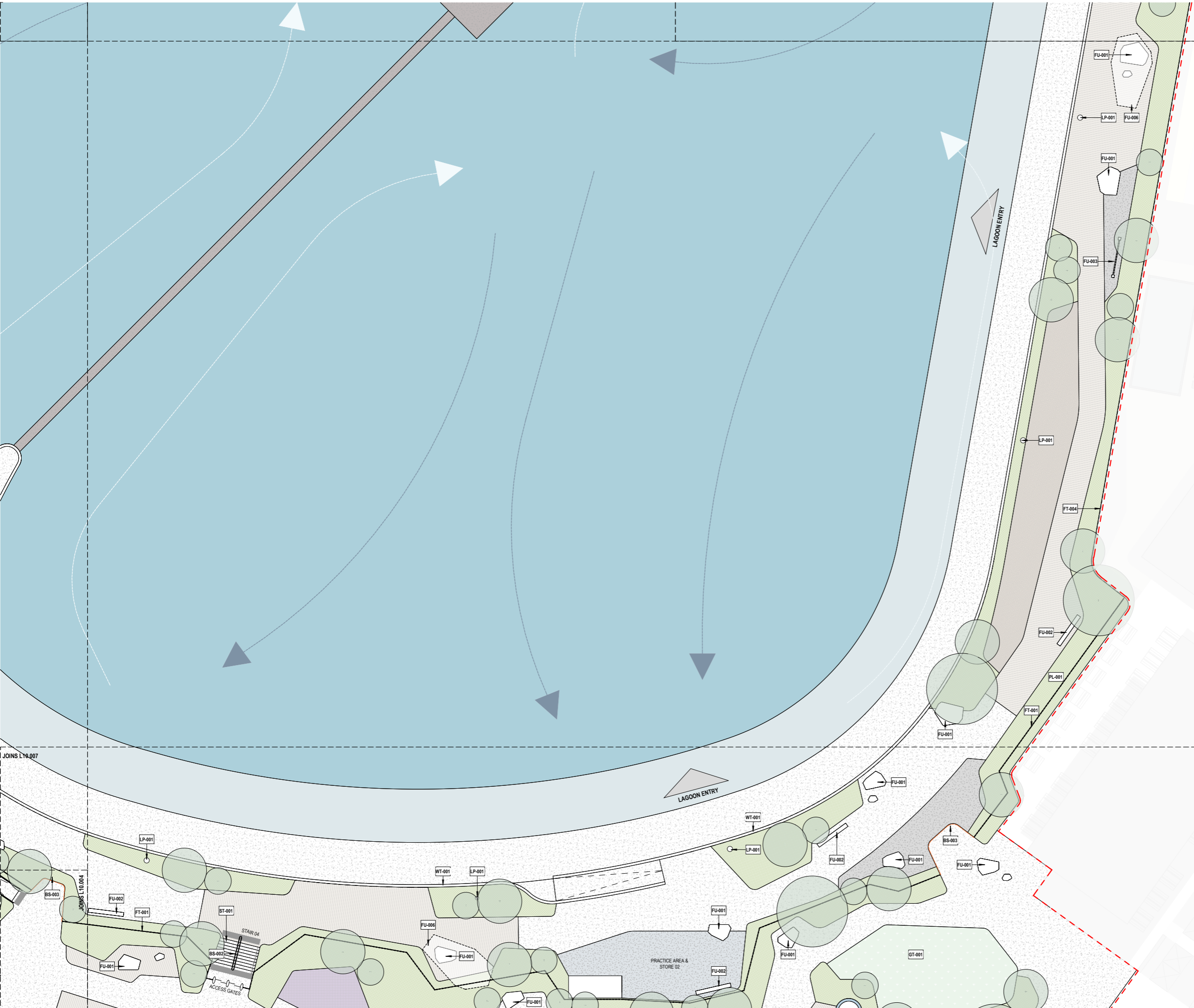
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JOINS L10.006

JOINS L10.005



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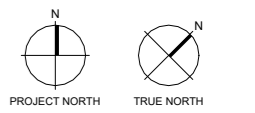
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Revisions

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Project Title
**10076 AUCKLAND
SURF PARK**
1350 Dairy Flat Highway, Auckland, New
Zealand

Drawing Title
**GENERAL
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Drawing Status
RESOURCE CONSENT

Drawing Details
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Date 23/02/2026 1:44:23 pm
Job No 10076
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Drawing No L10.005
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 - EXTENT OF WORKS
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- TRUE NORTH

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Project Title

**10076 AUCKLAND
SURF PARK**

1350 Dairy Flat Highway, Auckland, New Zealand

Drawing Title

**GENERAL
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Drawing Status

RESOURCE CONSENT

Drawing Details

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Job No 10076

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Drawing No

L10.006

Revision


















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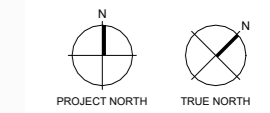
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1350 Dairy Flat Highway, Auckland, New Zealand

Drawing Title

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Drawing Status

RESOURCE CONSENT

Drawing Details

Scale 1 : 200@ A1
Date 23/02/2026 1:45:15 pm
Job No 10076
Drawn BT
Checked MH

Drawing No

L10.007

Revision

(A)

