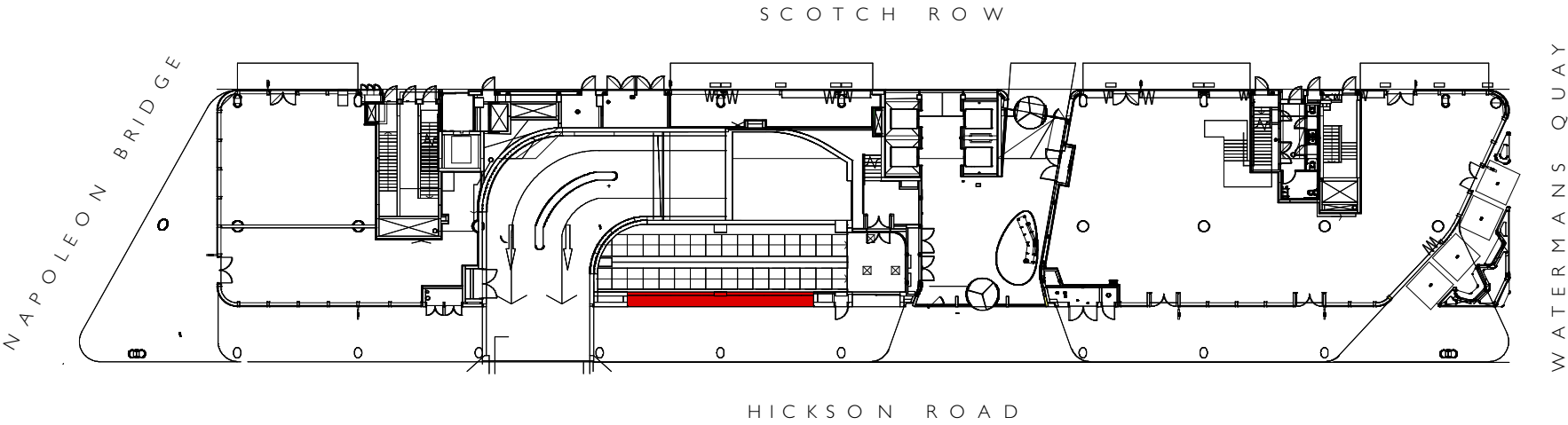


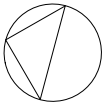
BARANGAROO C1 BIKE FOYER

INTERPRETATIVE ARTWORK



01 SITE PLAN - BUILDING C1, BARANGAROO SOUTH
1:500 (A3)

■ interpretive artwork location



DRAWING REGISTER

ADZ0030 - 00	DRAWING REGISTER + SITE PLAN
ADZ0030 - 10	PLAN
ADZ0030 - 11	ELEVATION

DESIGN STATEMENT

This interpretation work will make visible the sustainability initiatives of the C1 building and its aim to achieve a balance of operational energy use with energy generated from photovoltaics and bio fuel cells.

A pneumatic and fluidic façade system will translate the recorded data (of energy use and energy generated) into a largescale colourful minimal abstract artwork across the glass façade of the bike foyer addressing Hickson Road.

Rather than a system that requires a high demand of energy in itself to power a screen to communicate this data at alarge scale, this low tech system requires a much lower demand of energy.

Visible from both inside and outside of the foyer space, real-time energy data feeds from the building are visualised through a fluidics system – programmed to modulate slowly the length and rhythm of coloured fluid in the system. The changing rhythm of each panel visually and viscerally translates how much energy is being used, how much is being generated and when and how much surplus energy is created and fed back into the grid.

Recording the changing balance and flow of energy in the system – depending on the time of day, week or year – the interpretation work visually translates the building's energy use at the start of the day, when the lifts are at their busiest and the building environment is adjusting, a steady generation of energy by the PV cells on a bright sunny day, through to an even ebb and flow of fluidics when the system is in balance.

The construction details and materials of the work are highly co-ordinated with the shopfront façade details of the overall building by Tzannes – integrating the work with the overall design.

AL ALUMINIUM
CFC COMPRESSED FIBRE CEMENT
CU CONTROL UNIT
EQ EQUAL
PM PUMP + MONITORING UNIT

BUILDING ARCHITECT
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PRINCIPAL
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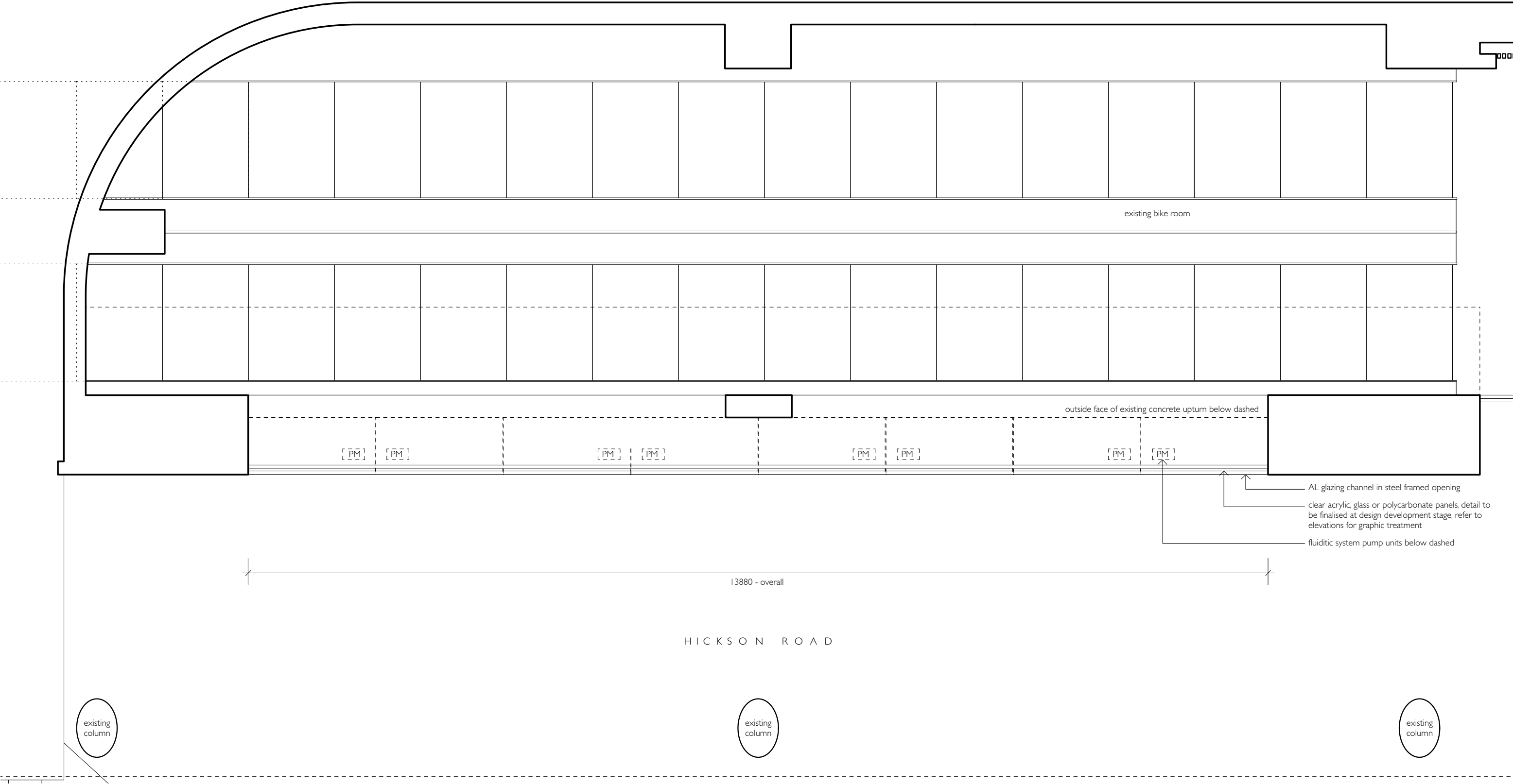
GENERAL NOTES
COMPLY WITH RELEVANT AUTHORITIES' REQUIREMENTS, THE NATIONAL CONSTRUCTION CODE AND ALL RELEVANT AUSTRALIAN STANDARDS.
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DO NOT SCALE.
IF DISCREPANCIES EXIST, NOTIFY THE ARCHITECT.
IF IN DOUBT, ASK.

DATE	ISSUE	REVISION
27/02/19	A	SECTION 4.55 APPLICATION

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DRAWING REGISTER + SITE PLAN

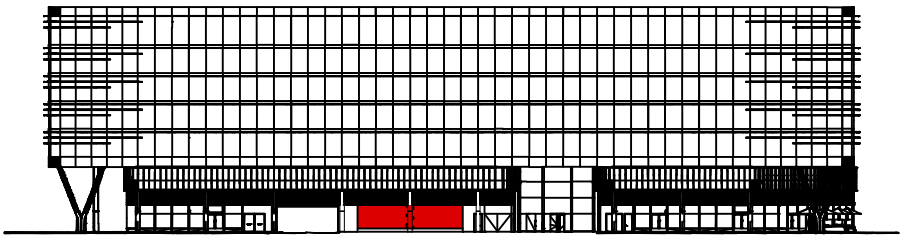
PHASE	PROJECT	DWG	REVISION
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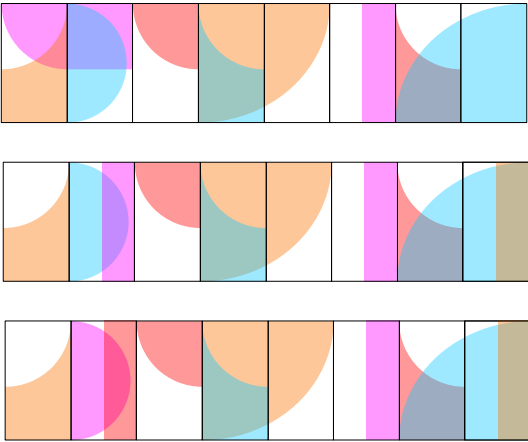
01 PLAN

1:50 (A3)



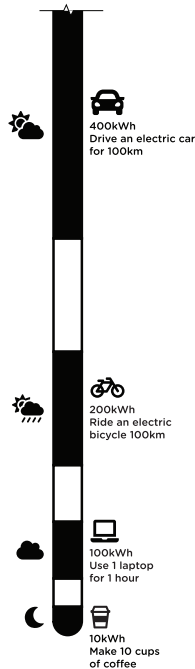
02 LOCATION ELEVATION
1:1000 (A3)

interpretive artwork location



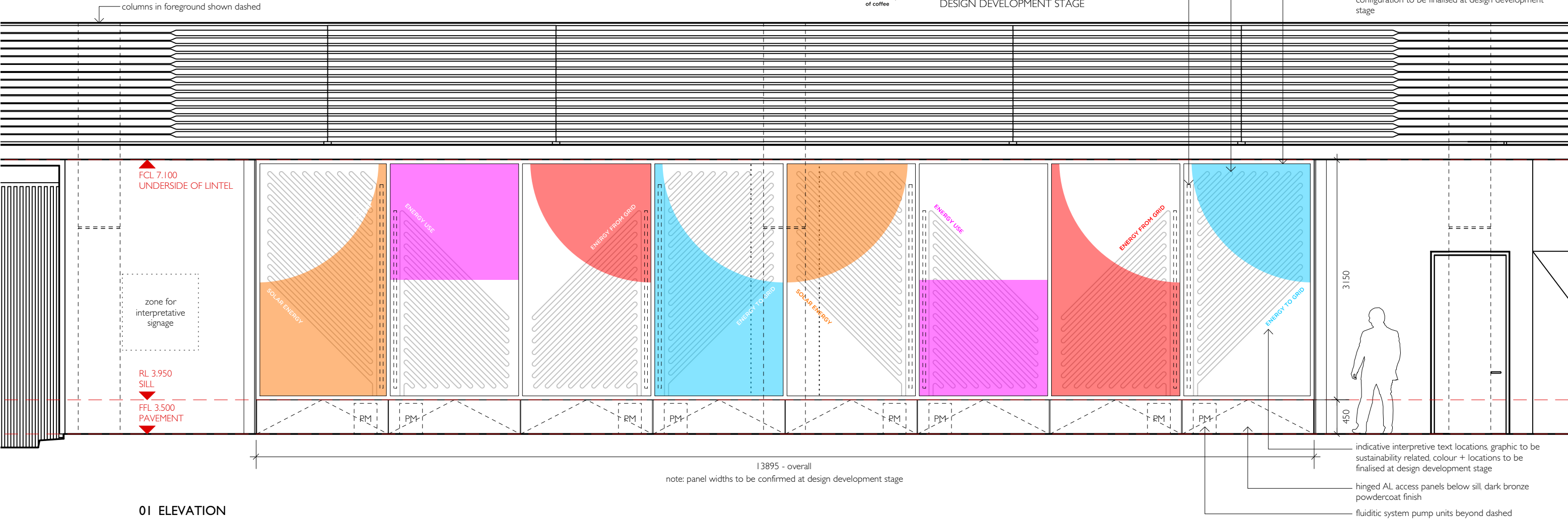
03 INDICATIVE VINYL GRAPHIC INTERLAYER
1:200 (A3)

NOTE: VINYL COLOURS + CONFIGURATION TO BE FINALISED AT DESIGN DEVELOPMENT STAGE



04 INDICATIVE CALIBRATION GRAPHIC
1:5 (A3)

NOTE: CALIBRATION GRAPHIC TO BE SUSTAINABILITY RELATED + FINALISED AT DESIGN DEVELOPMENT STAGE



01 ELEVATION
1:50 (A3)

AL ALUMINIUM
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ISSUE A
REVISION SECTION 4.55 APPLICATION

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CI FACADE
BARANGAROO

ELEVATION

PHASE	PROJECT	DWG	REVISION
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