

ARCHITECTURE · BIM MANAGEMENT

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Portfolio of BIM-intensive architecture across aviation, healthcare, education, retail and residential — delivered across the Middle East, the United States and Australia.

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06	Auburn Shopping Village	MIXED-USE · AUSTRALIA

01 — AVIATION

Miami Dolphins Jet Aviation Hangars

Opa-locka, Miami-Dade County, FL, USA

Five new hangars delivered in phases at Opa-locka Airport, one of the busiest business aviation airports in the US. Phase 1 pairs a modern 8,800 SF FBO with a 5,070 SF CBP facility, 8,880 SF of tenant space and a 44,320 SF pre-engineered metal hangar.

70,000 SF

PHASE 1 SIZE

2023

STATUS

SD·DD·CD

BIM SCOPE

ASMEP

COORDINATION



MIAMI DOLPHINS — JET AVIATION HANGARS

Design development boards



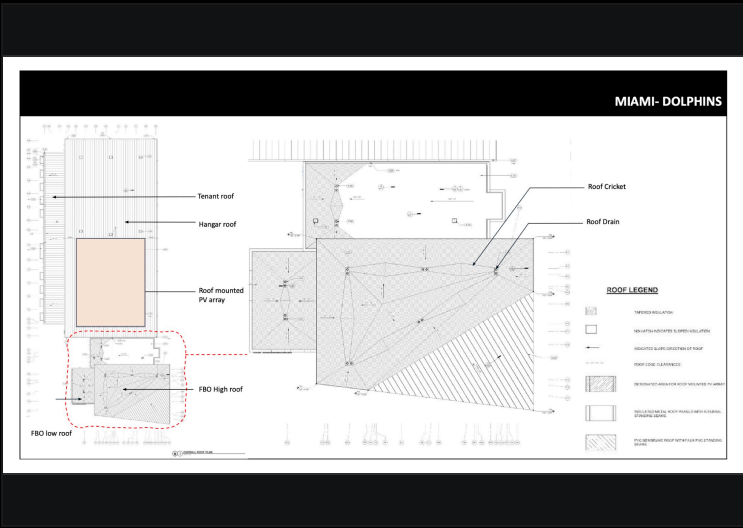
Project overview board



Zoning — tenant, hangar, CBP & FBO space



Floor plan — Areas A & B



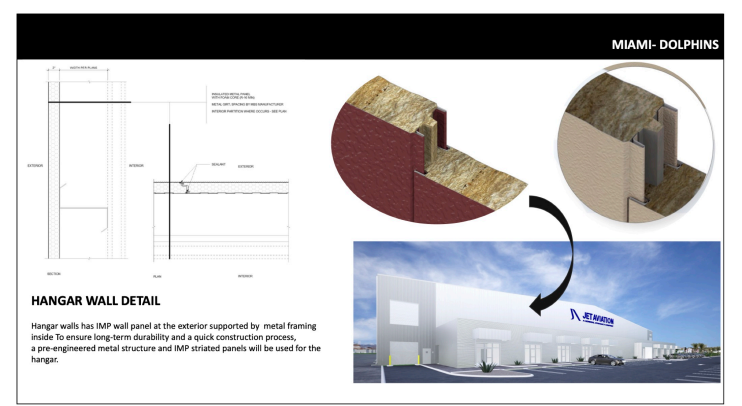
Roof and building form evolution



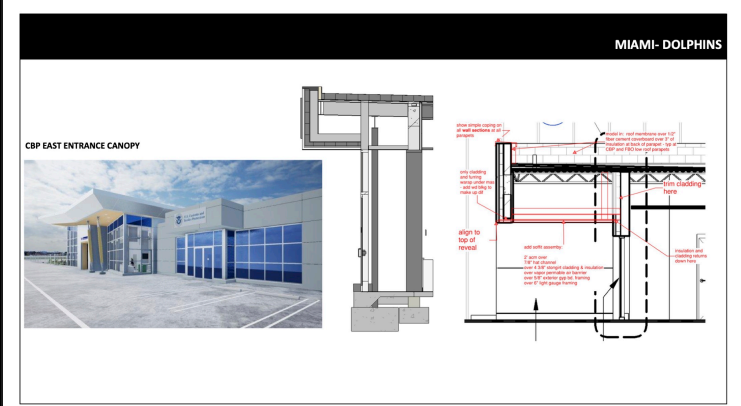
Structural experimentation — column options

MIAMI DOLPHINS — JET AVIATION HANGARS

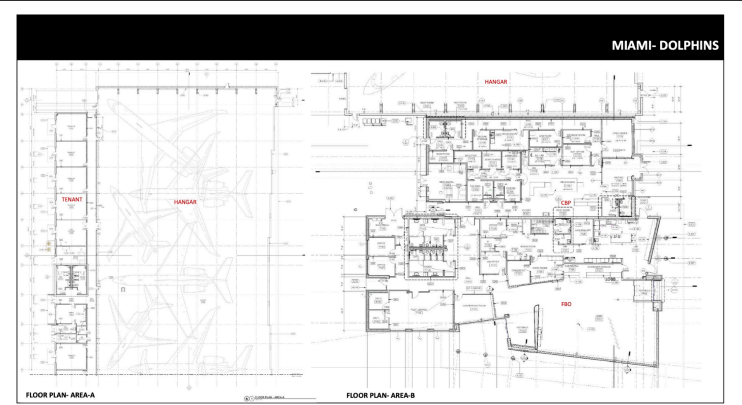
Facade detailing & construction progress



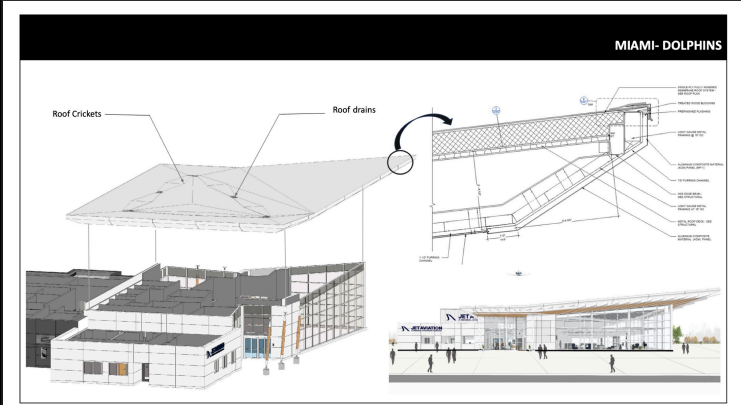
Hangar wall detail



CBP east entrance canopy detail



Floor plan — detail



Roof structure transformation



02 — HEALTHCARE

Kaiser Permanente Sunnyside Medical Center

Clackamas, Oregon, USA

A new seven-storey, 615,000 SF hospital on the east side of the Sunnyside Campus, carrying 308 patient beds alongside emergency, imaging, surgery and a family birthing centre — targeting the first fully electric hospital in Oregon.

615,000 SF

SIZE

2029

OPENING

7

STOREYS

LEED Gold

TARGET



DESIGN RENDER — MAIN ENTRANCE

KAISER PERMANENTE SUNNYSIDE MEDICAL CENTER

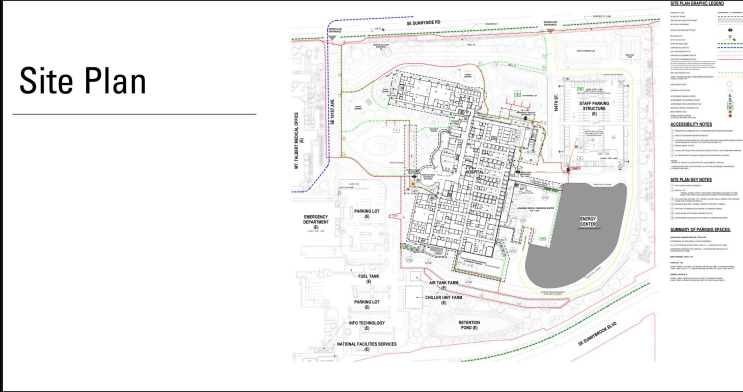
Currently in Construction Documentation — site, floor plans and interior detailing



PROJECT TYPE: Healthcare
LOCATION: Clackamas, OR
SIZE: 615,000 SF.

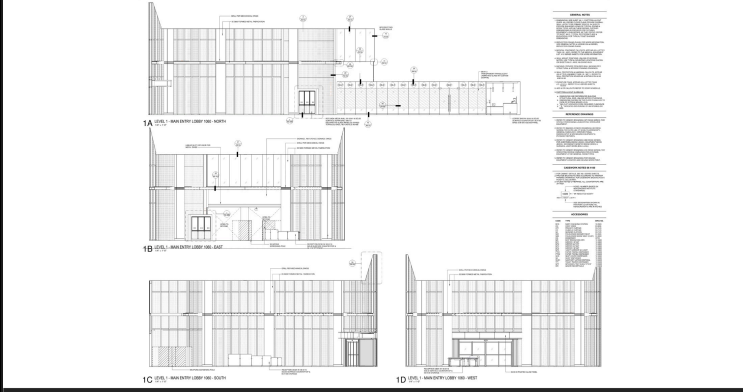
A new 7-story, 615,000 SF hospital will be built on the east side of the Sunnyside Campus, along with a new central utility plant. The design is a template based on the Kaiser Permanente San Diego Medical Center. It will include 308 patient beds, an emergency department, imaging, a surgery center, a family birthing center, and a central utility plant. Several existing campus buildings will be demolished at different stages of the project.

Aerial — hospital tower & campus



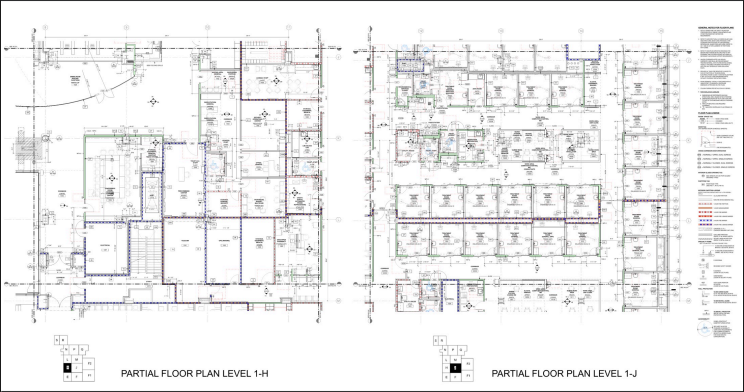
SITE PLAN

Site plan



INTERIOR ELEVATION

Interior elevations



ENLARGED FLOOR PLANS

Enlarged floor plans



TYPICAL ROOMS

Typical treatment rooms

03 — HEALTHCARE

Scripps Mercy Medical Center

4077 Fifth Ave, San Diego, CA, USA

Replacement of the existing acute care building with a seismically sound tower running from Lower Level 3 up to a Level 13 helistop — predominantly private rooms, an upgraded central energy plant, and a full set of room-type mockups documented through DD and CD.

710,000 SF

SIZE

2027

COMPLETION

60 mo.

DURATION

13

LEVELS



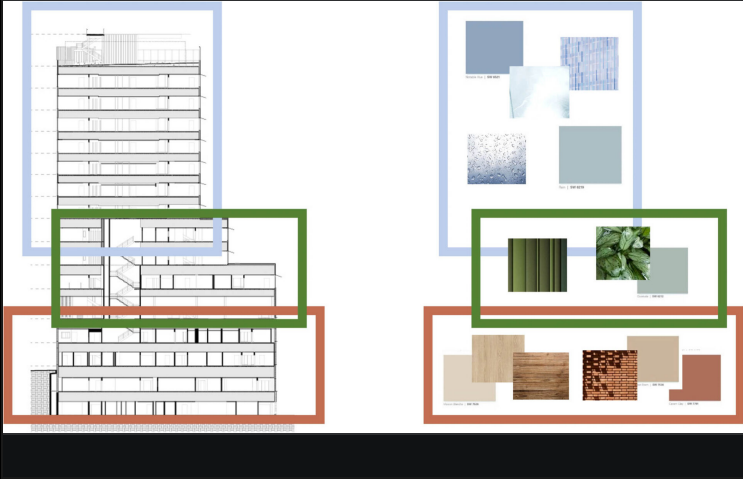
DESIGN RENDER — ENTRY CANOPY & TOWER

SCRIPPS MERCY MEDICAL CENTER

Design renders and axonometric views



Tower, staff respite & lobby atrium



Replacement tower — view



Replacement tower — view



Overall axonometric — south-east

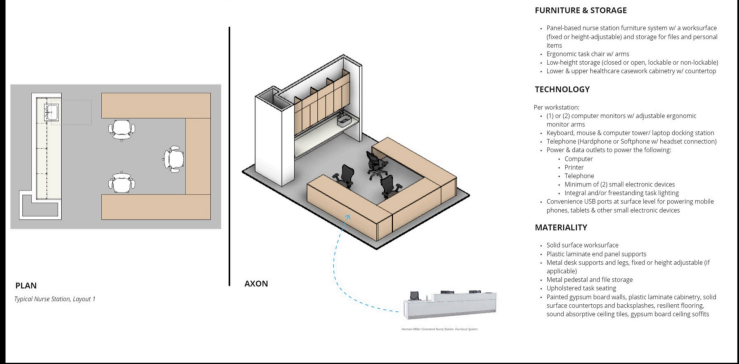


Overall axonometric — north-west

SCRIPPS MERCY MEDICAL CENTER

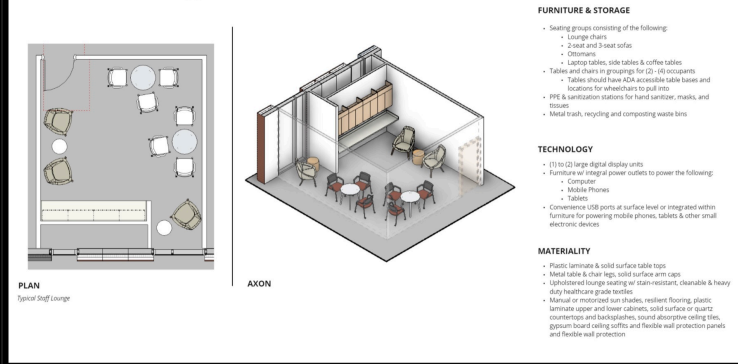
Room-type mockups — design development to construction documentation

NURSE STATION |



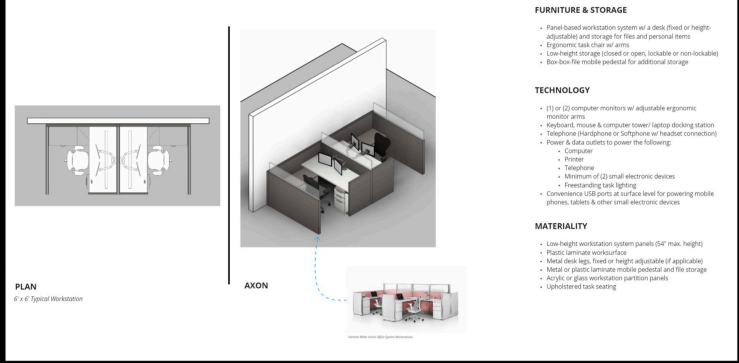
Nurse station

LOUNGE | Staff



Staff lounge

WORKSTATION |



Typical workstation

The image shows a detailed glazing schedule table. It lists various window types, their dimensions, and the materials used for the glazing. The table is organized into columns for window type, size, and material. It includes a section for 'INTERIOR WINDOW TYPE CODE LIST' and a section for 'INTERIOR GLAZED OPENING SCHEDULE'.

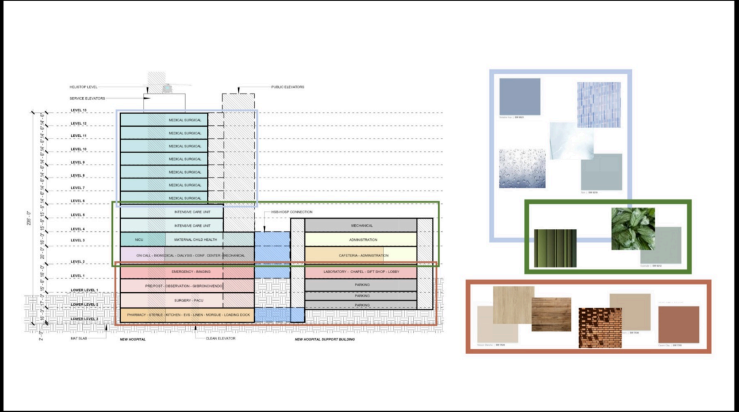
INTERIOR WINDOW TYPE CODE LIST

WINDOW TYPE	SIZE	GLAZING	FRAME	FINISH	NOTES
1.00	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.01	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.02	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.03	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.04	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.05	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.06	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.07	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.08	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.09	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.10	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW

INTERIOR GLAZED OPENING SCHEDULE

GLAZED OPENING	TYPE	SIZE	GLAZING	FRAME	FINISH	NOTES
1.00	1.00	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.01	1.01	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.02	1.02	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.03	1.03	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.04	1.04	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.05	1.05	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.06	1.06	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.07	1.07	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.08	1.08	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW
1.09	1.09	12' x 12'	1/2" GLASS	ALUMINUM	PAINTED	STANDARD WINDOW
1.10	1.10	12' x 12'	1/2" GLASS	ALUMINUM	ANODIZED	STANDARD WINDOW

Glazing schedule



Departmental stacking & brand schedule

04 — HEALTHCARE

Kaiser Permanente San Marcos Hospital

400 Craven Rd, San Marcos, CA, USA

A 206-bed medical centre on a 121,000 SF site, co-located with outpatient and specialty care buildings and separated from the existing campus by a landscaped courtyard. Interior elevation packages spanning public spaces, nurse stations and patient rooms.

433,230 GSF

SIZE

206

BEDS

2023

COMPLETED

LEED Gold

TARGET



SITE PHOTOGRAPHY — EXTERIOR & DINING TERRACE

KAISER PERMANENTE SAN MARCOS HOSPITAL

Site photography — exterior, lobby and patient environments



Main lobby — feature stair & suspended artwork



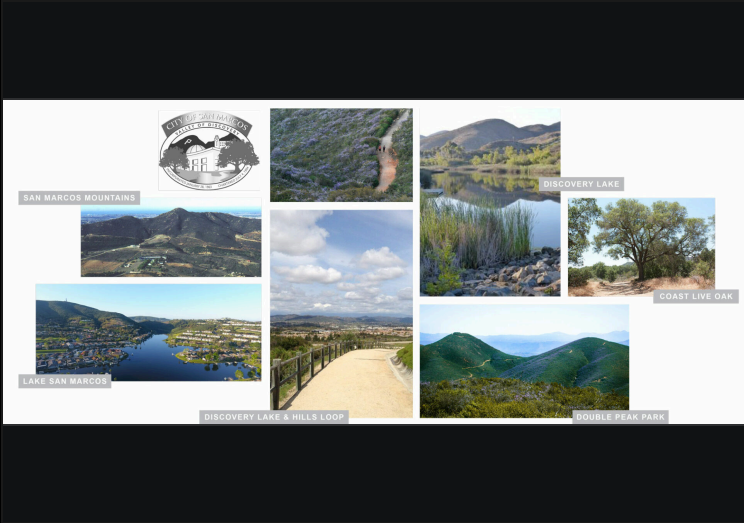
Nurse station & patient-floor circulation



Café with mosaic mural



Patient room with family zone



Design concept & inspiration board

05 — RESIDENTIAL

Park Sydney Stage 1

88 MacDonald St, Erskineville NSW, Australia

A mixed-use residential precinct of two eight-storey buildings holding 330 apartments above an integrated retail offer anchored by a Woolworths Metro. Angled balconies maximise privacy while admitting daylight and self-shading.

740,000 SF

SIZE

330

APARTMENTS

LOD 300

DETAIL LEVEL

DA•DD•CD

BIM SCOPE



PARK SYDNEY — STAGE 1
Botany & Cascade — street and courtyard views



Street-level render — Building B



Courtyard view



Apartment interior



Balcony detail



Retail precinct

06 — MIXED-USE

Auburn Shopping Village

41 Auburn Road, Auburn NSW, Australia

A fifteen-storey mixed-use redevelopment replacing the existing Auburn Village Shopping Centre — a full retail podium of mini major, food retail, restaurants and a refurbished pub, carrying residential levels above.

28,787 sqm

GFA

15

LEVELS

DA·DD·CD

BIM SCOPE

Retail+Res.

PROGRAMME



01 | AUBURN SHOPPING VILLAGE

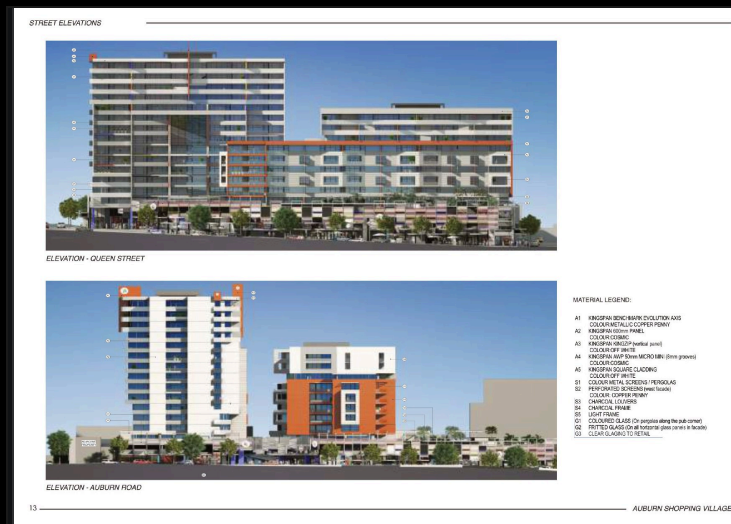
Perspectives, site analysis and documentation

PERSPECTIVE VIEWS

AUBURN SHOPPING VILLAGE

16

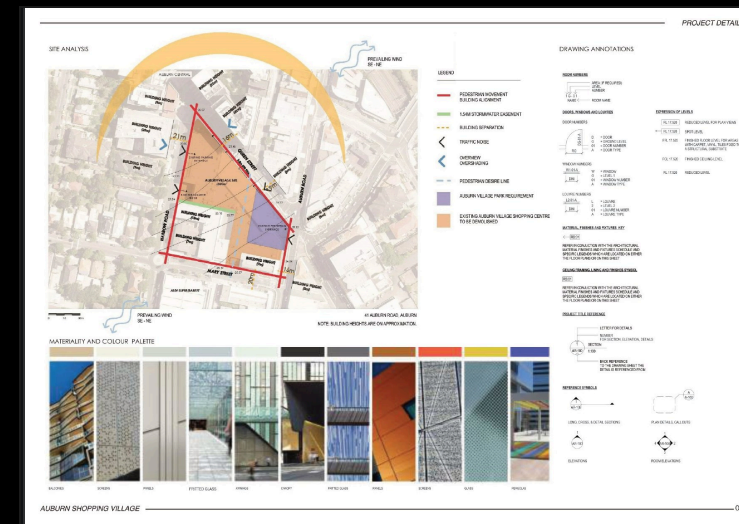
Perspective — laneway, podium & tower



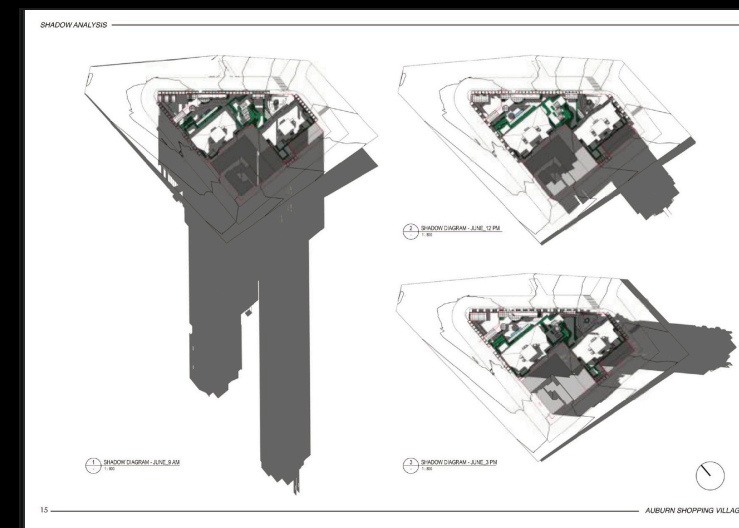
Street elevations



Sectional elevations



Site analysis & materiality



Shadow analysis

07 — EDUCATION

Queanbeyan Distance Education Centre

Agnes Avenue, Queanbeyan NSW, Australia

A two-storey distance education centre stepping down a sloping site, wrapped by an exposed steel pergola frame that shades a fully glazed northern facade over learning galleries and interactive studios.

2

STOREYS

8 bays

STRUCTURAL GRID

Full CD

BIM SCOPE

NSW Govt

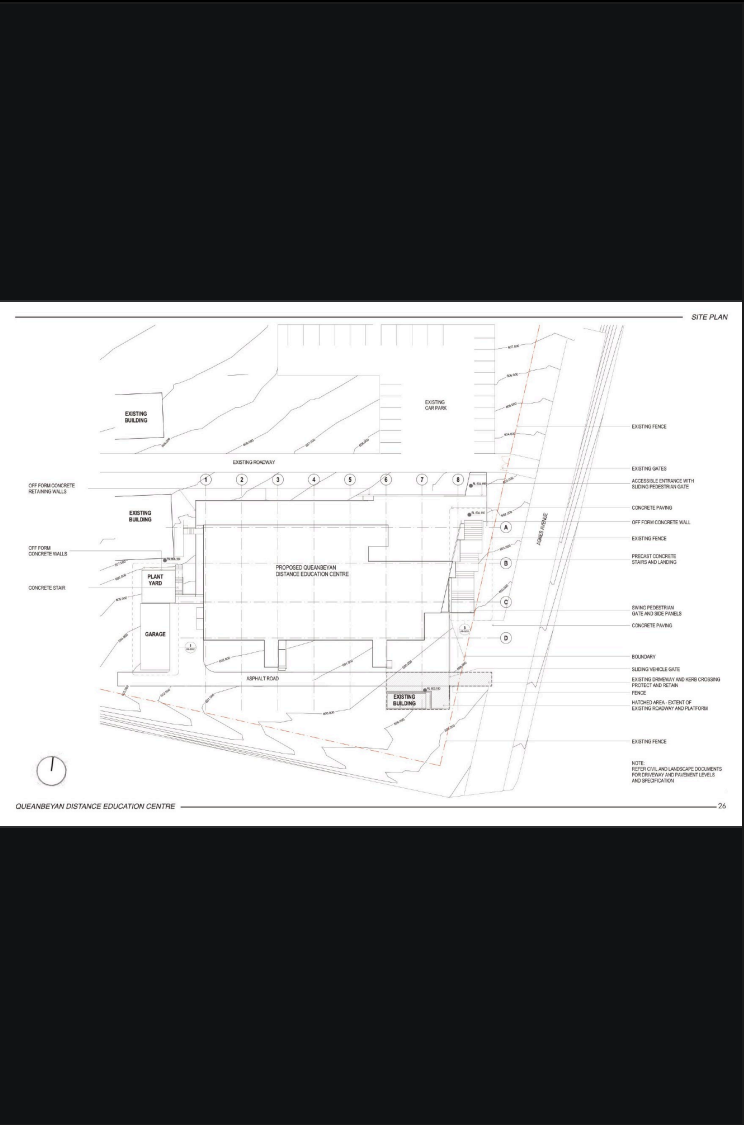
CLIENT



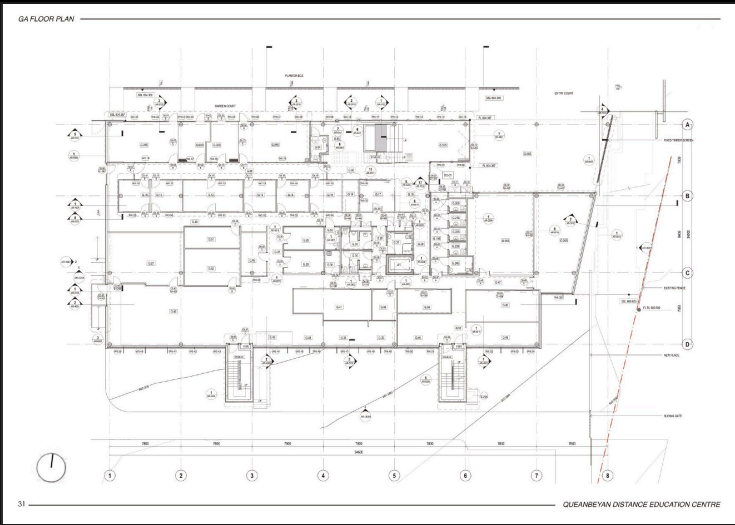
02 | QUEANBEYAN DISTANCE EDUCATION CENTRE

QUEANBEYAN DISTANCE EDUCATION CENTRE

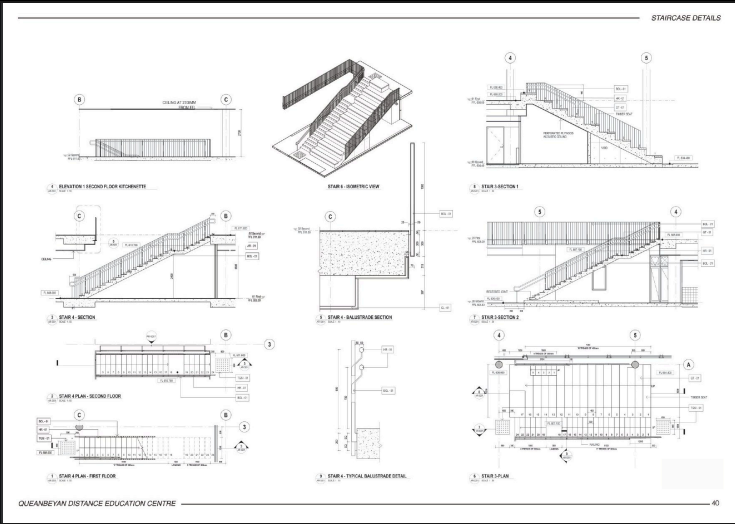
Planning and construction documentation



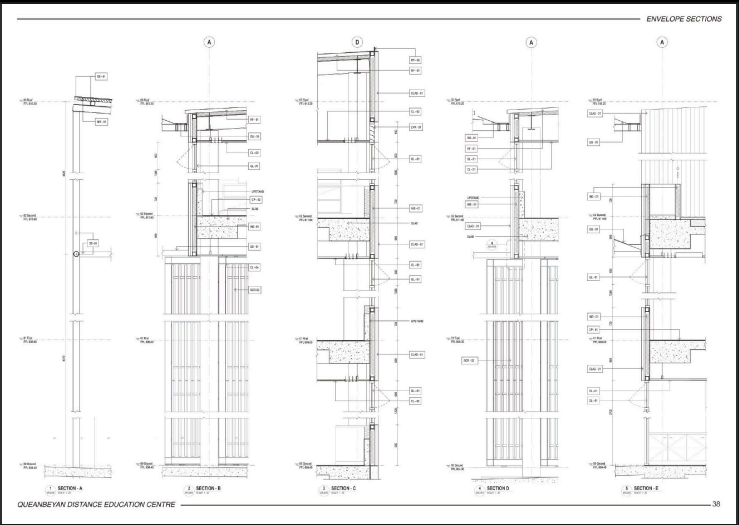
Site plan



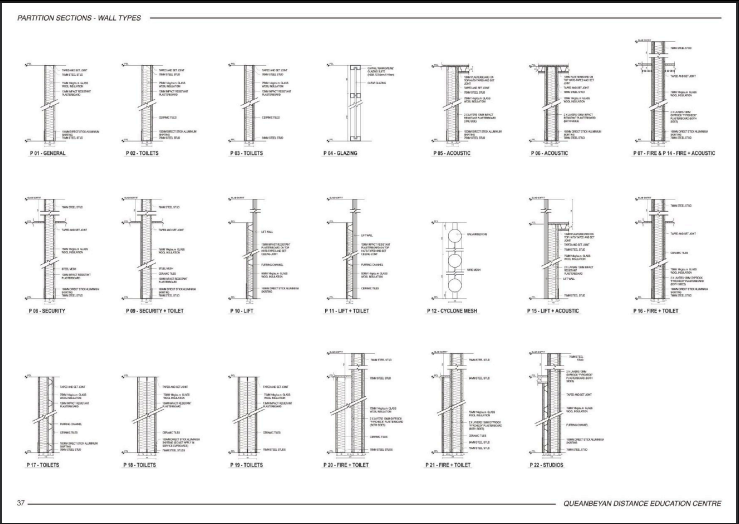
General arrangement plan



Staircase details



Envelope sections



Partition sections — wall types

THANK YOU

Let's build something *eternal*.

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