Dome Court Estate

Architecture held together by landscape.



17 BUILDINGS

6 CORE COURTS

HYPOTHETICAL NEWCASTLE SETTING

Concept direction: Pengyu Zhang. AI-assisted visual development. The overview shows fourteen core buildings; three distant nodes are outside this frame.

From arrival to retreat.

A shared landscape brings distinct buildings into a continuous sequence of courts, water, shade and rooms.



01 / THE ARRIVAL COURT

Four semicircular courts alternate water and planting around an eight-metre approach.



02 / THE WATER GARDEN

A zigzag bridge and pavilion cross the water, leaving an open expanse beside the route.



03 / THE CANOPY READING ROOM

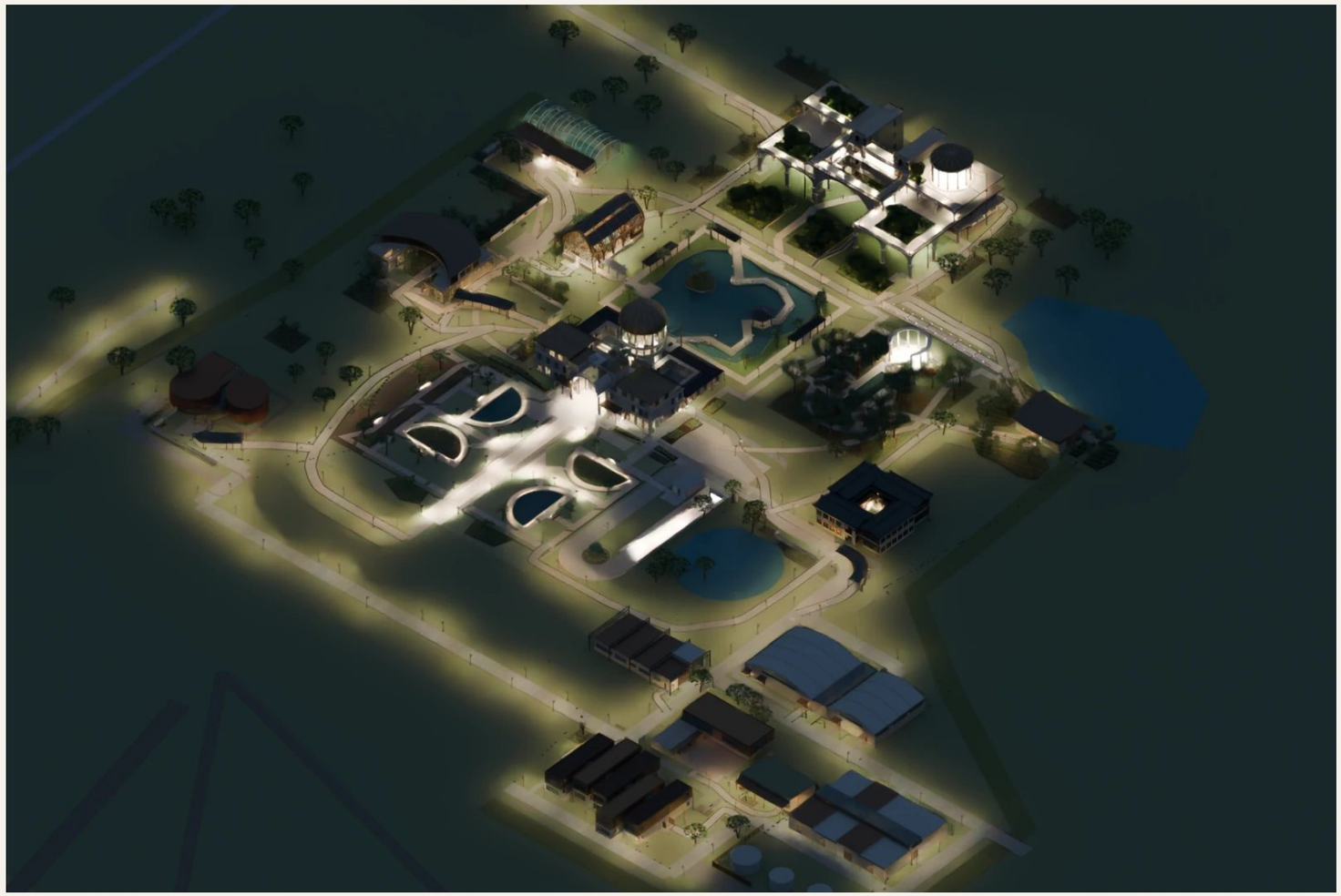
Branching ribs and coloured upper glazing frame an interior connected to the garden.



04 / THE EDEN LANDSCAPE

Tree canopies, reflecting water and seasonal red flowers shape quieter places to pause.

A closer reading.



Same-view lighting and exposure study. Illumination performance remains to be designed.

MATERIAL LANGUAGE

Stone and timber provide continuity. Copper, grey roofs and glazing give individual buildings their own expression.

LANDSCAPE & USE

Arrival, maintenance and service routes are considered together. Rainwater capacity and planting suitability require specialist design.

MODEL & DRAWING RECORD

The following sheets adapt the 13 October coordination set. Model views include a later tree-placement refinement.

PROJECT STATUS

Independent, unbuilt concept study. Structural, fire, accessibility and services coordination remain subjects for professional design.

SELECTED DRAWING SHEETS

C-02

Core landscape & building plan

P-B01-01

Main residence / ground floor

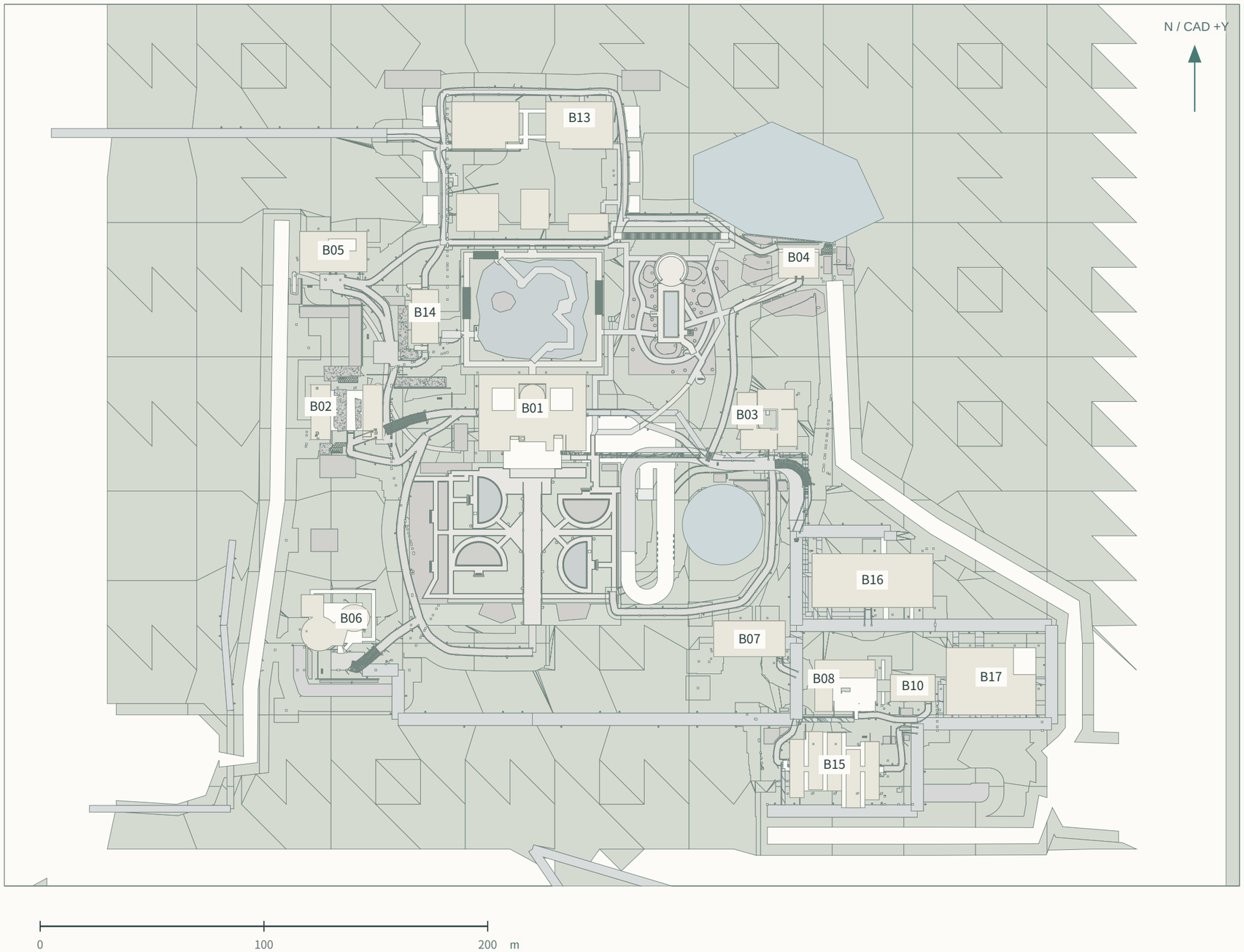
S-B01-01

Main residence / model section

lerovahome.com/concepts/dome-court/ | info@lerovahome.com

Core landscape & building plan

Model-derived site surfaces and floor outlines | CAD: X east / Y north | Roofs and trees omitted for clarity



SCOPE OF THIS SHEET

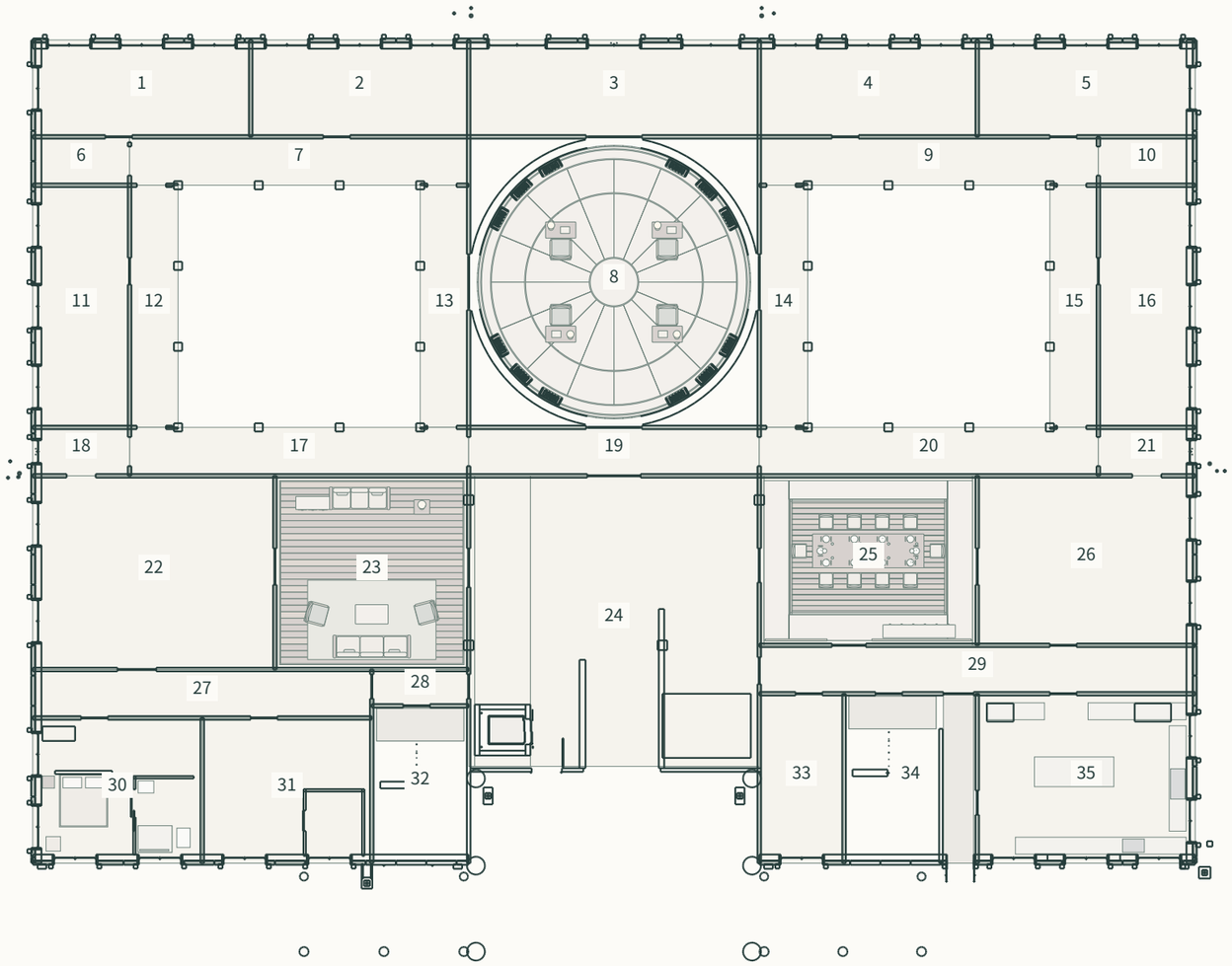
The seventeen-building study coordinates six courtyards and twenty-seven paths. This view shows the core; remote nodes are documented separately.

Building floors and circulation are projected from the coordinated concept model. No surveyed cadastral boundary or national height datum is asserted.

Concept coordination only. Structure, fire safety, accessibility, services, lighting and drainage require further professional design.

B01 / Main residence - ground floor

Level datum +0.00 m | Model cut +1.15 m | CAD: X east / Y north



ROOM REFERENCE

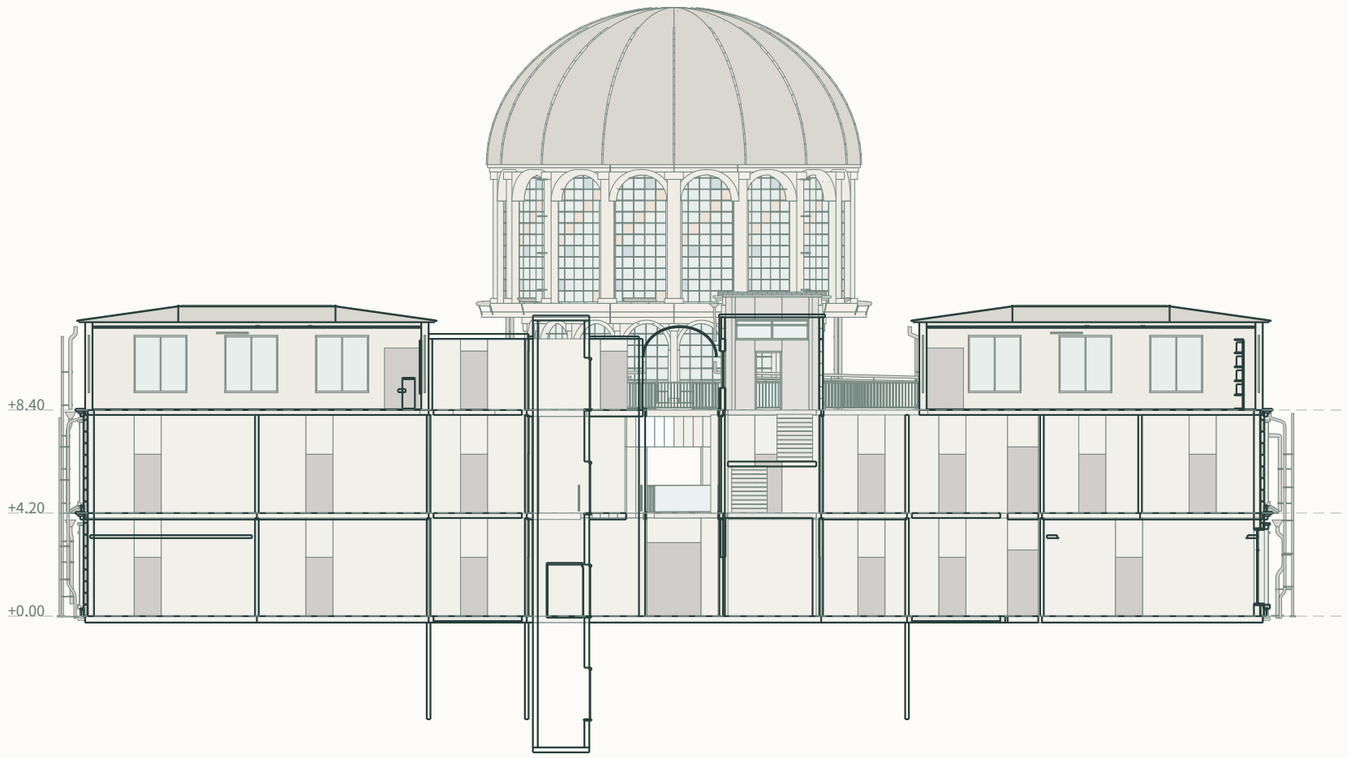
01 West study
02 Collection room
03 Winter garden
04 Tea lounge
05 Tea dining
06 West vestibule
07 West cloister
08 Domed library
09 East cloister
10 East vestibule
11 Family gym
12 West cloister
13 West cloister
14 East cloister
15 East cloister
16 Art studio
17 West cloister
18 West passage
19 Library bridge hall
20 East cloister
21 East passage
22 Formal lounge
23 Garden living room
24 Entrance hall
25 Formal dining
26 Daily dining
27 West hall passage
28 West stair lobby
29 East hall passage
30 Care-ready guest suite
31 Guest suite 2
32 West stair
33 Media room
34 Service stair
35 Family kitchen

Room numbers locate the intended uses. Courtyard voids and openings follow the source model; areas require separate verification.

Model section linework retained; coplanar triangle seams consolidated.

B01 / Main residence - model section

Section at source Y = 196.300 m | Horizontal: source X east | Vertical: Z up



SCOPE OF THIS SHEET

Section at source Y = 196.300 m. Horizontal direction follows source X east; Z is vertical.

The cut is intersected with the source triangulated model. Dark lines mark the cut; pale surfaces show elements projected beyond it.

Slabs, vaults, curved shells, stair flights and openings are taken from the source model. Structural, foundation and fire detailing remain to be designed.

Concept coordination only. This is a geometric study, not a certified engineering or construction document.

English annotations adapted from the source drawing. Original model geometry retained. Screen reproduction: do not scale.