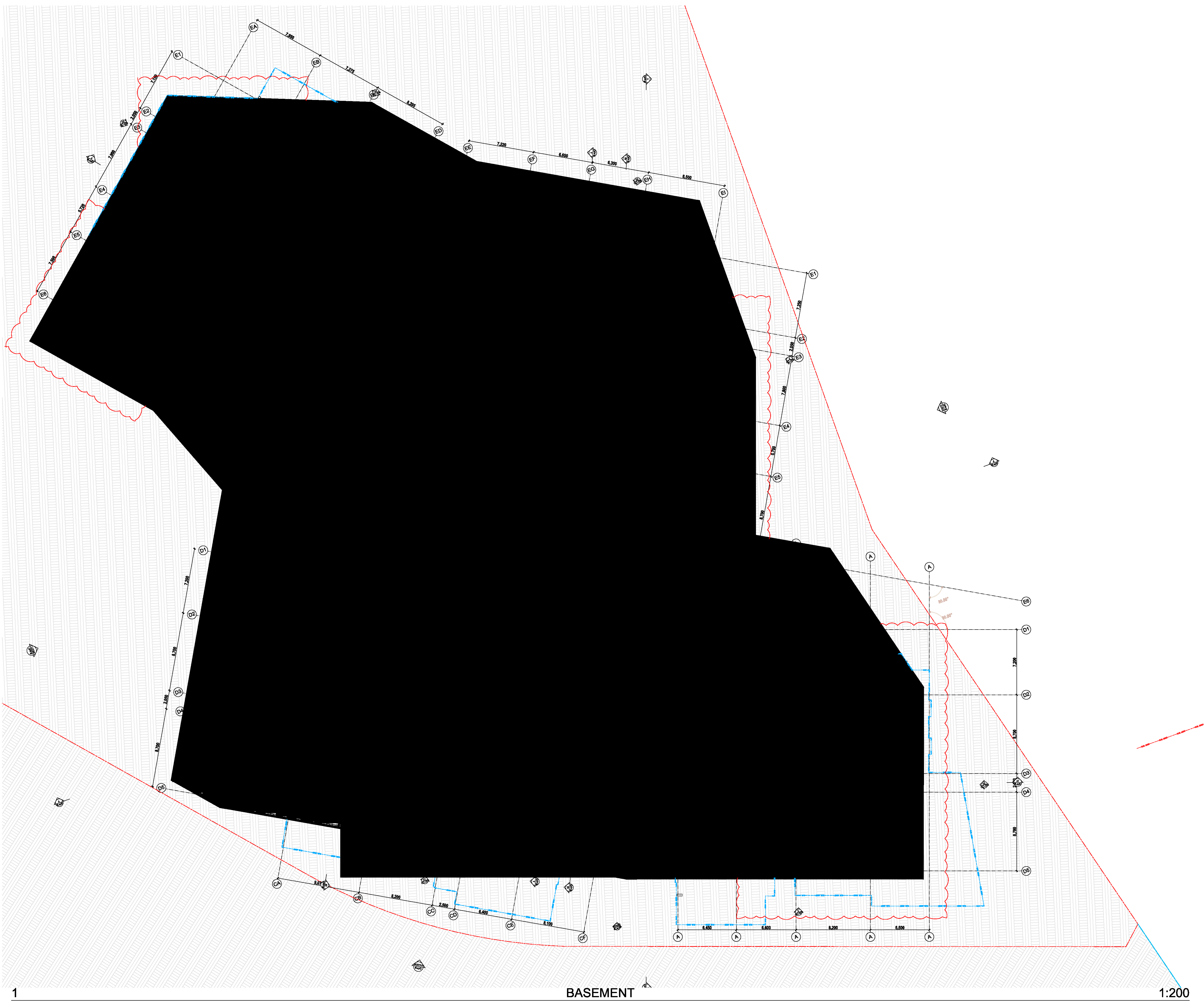


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S4.55 SCHEDULE OF AMENDMENTS
Basement:

- general layout changes
- removal of security gates
- RL levels increased to achieve min. clearances for the sewer & basement
- relocation of adaptable unit car spaces



1

BASEMENT

1:200

A	S4.55 APPLICATION	09/12/2020	YE
Rev	Description	Date	App'd

Project:
AQUA
 STAGE 2B - Building D & E
 Panthers North Precinct, Penrith
 Sydney NSW Australia



Nominated Architects:
 Zaid Saadallah Reg no 8008
 Youssef El Khawaja Reg no 9933
 Nicolas Toubia Reg no 9336

Drawing Title:
FLOOR PLANS
BASEMENT FLOOR PLAN

Scale:
 1:200 @A1 Sheet Size

Project Number	Drawing Number	Revision
2020-032	S4.55-101	
Status		

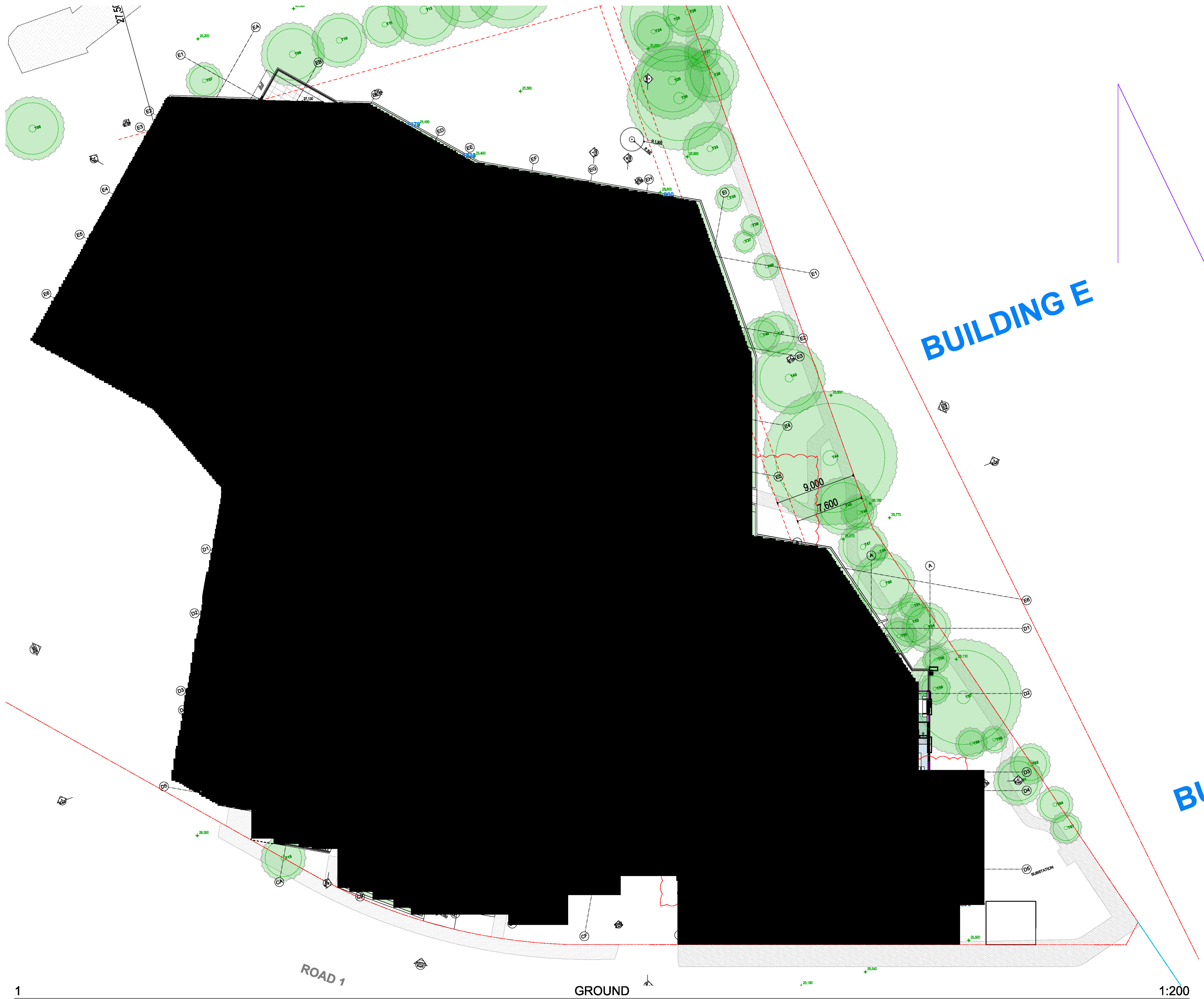
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S4.55 SCHEDULE OF AMENDMENTS

Ground:

- inclusion of adaptable units
- building D west lowered RL 27,500 to 27,250
- building E raised RL 26,750 to 27,250
- level change to landscape and pool area to allow for truck clearance



Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project
AQUA
STAGE 2B - Building D & E
Panthers North Precinct, Penrith
Sydney NSW Australia



Nominated Architects:
Zaid Saamirhem Reg no 8008
Youssef El Khawaja Reg no 8933
Nicolas Toubia Reg no 8336

Drawing Title
FLOOR PLANS
GROUND FLOOR PLAN

Scale
1:200 @A1 Sheet Size

Project Number
2020-032
Status

Drawing Number
S4.55-102
Revision

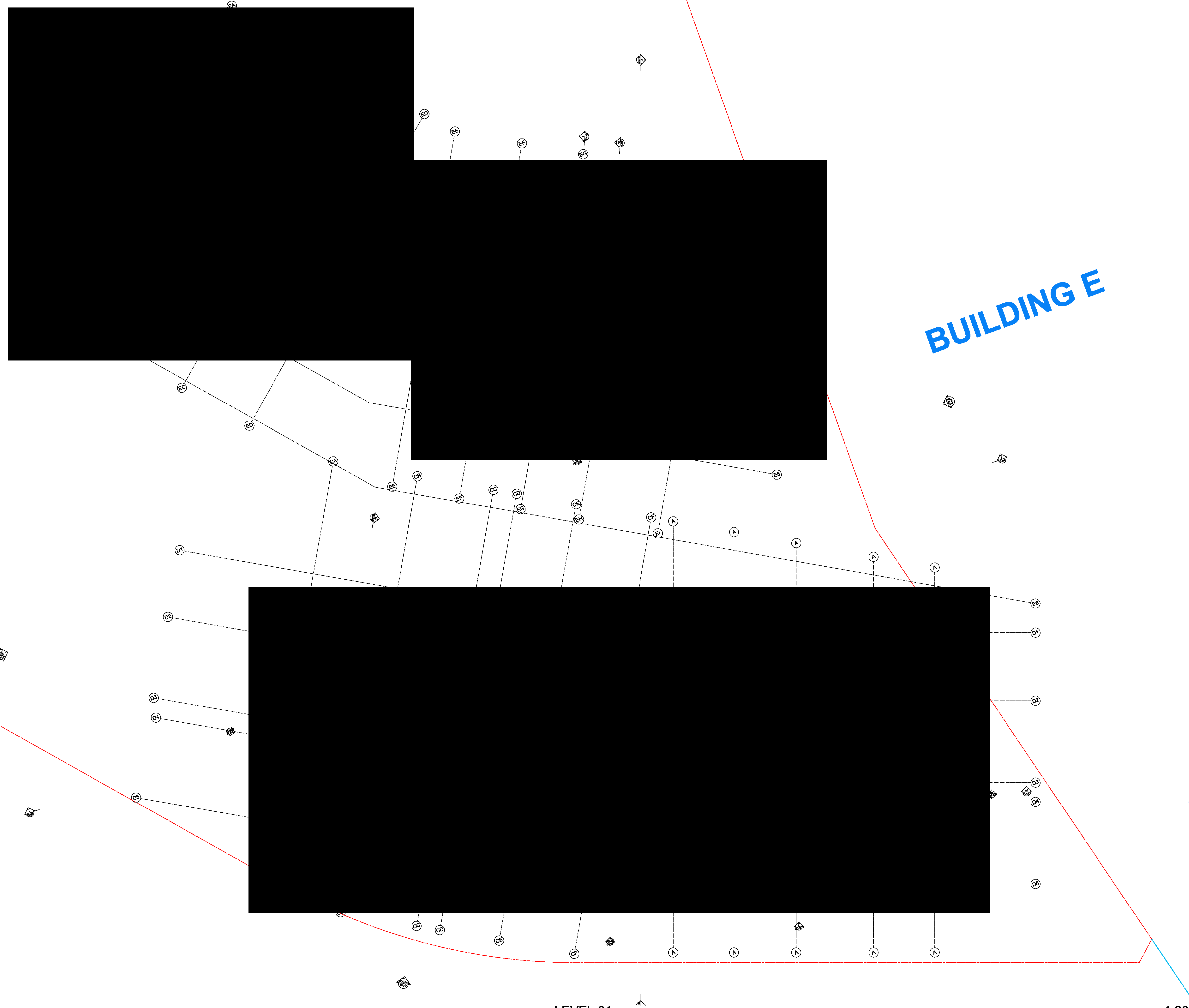
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S4.55 SCHEDULE OF AMENDMENTS

Level 01:

- inclusion of adaptable units
- building D west lowered RL 30,600 to 30,350
- building E raised RL 29,850 to 30,350



Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project
AQUA
 STAGE 2B - Building D & E
 Panthers North Precinct, Penrith
 Sydney NSW Australia



Nominated Architects:
 Zaid Saamirhem Reg no 8008
 Yousef El Khawaja Reg no 8933
 Nicolas Toubia Reg no 9336

Drawing Title
FLOOR PLANS
 LEVEL 01 FLOOR PLAN

Scale
 1:200 @A1 Sheet Size



Project Number
2020-032
 Status

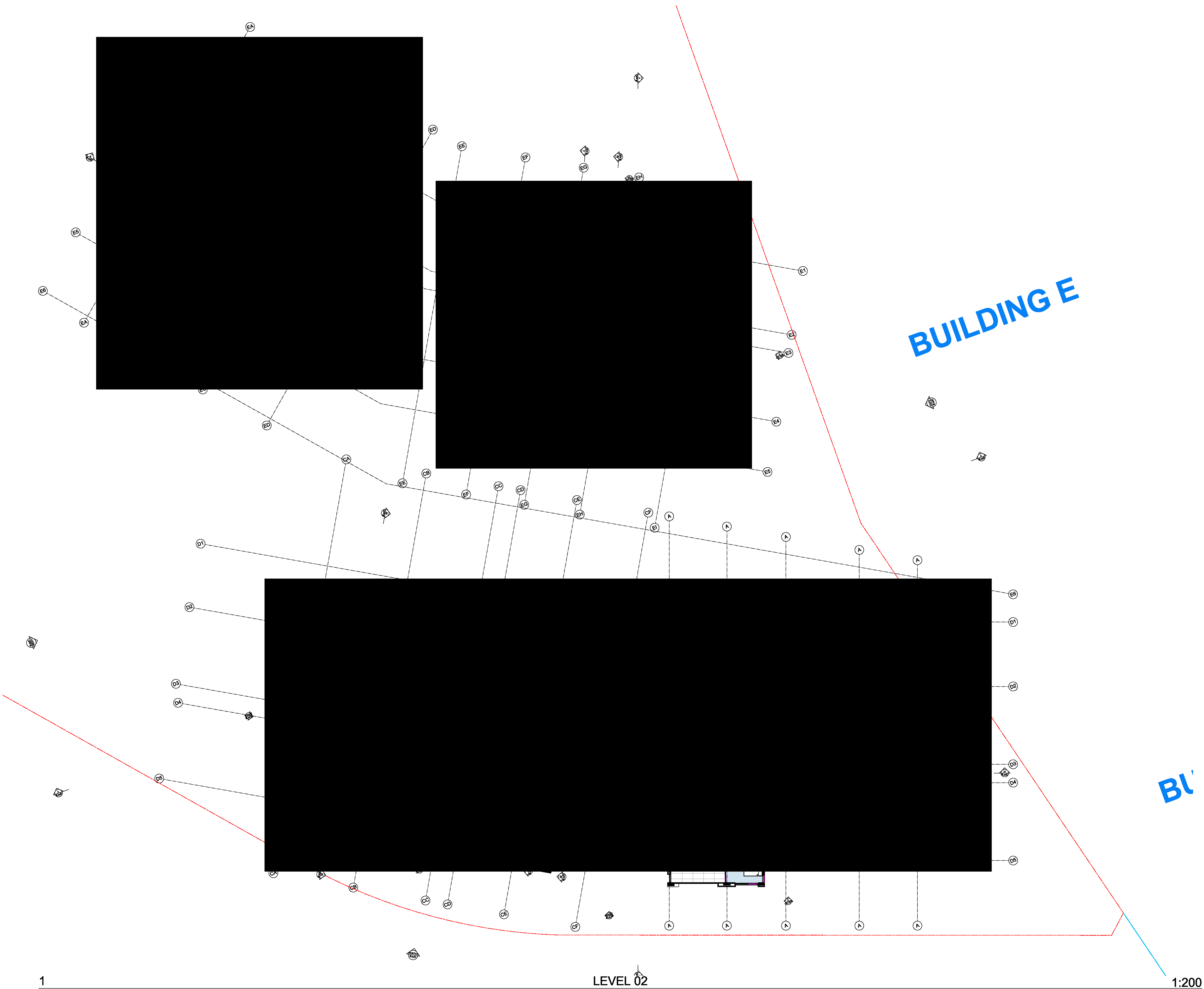
Drawing Number
S4.55-103
 Revision

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S4.55 SCHEDULE OF AMENDMENTS
Level 02:

- inclusion of adaptable units
- building D west lowered RL 33,700 to 33,450
- building E raised RL 32,950 to 33,450
- units 305a & 305b to be 2 separate 1B units as per GF and L1 approved sketch



Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project
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STAGE 2B - Building D & E
Panthers North Precinct, Penrith
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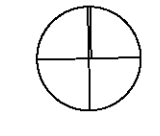
Nominated Architects:
Zaid Saadallah Reg no 8008
Youssef El Khawaja Reg no 8933
Nicolas Toubia Reg no 8336

Drawing Title
FLOOR PLANS
LEVEL 02 FLOOR PLAN

Scale
1:200 @A1 Sheet Size

Project Number
2020-032
Status

Drawing Number
S4.55-104
Revision

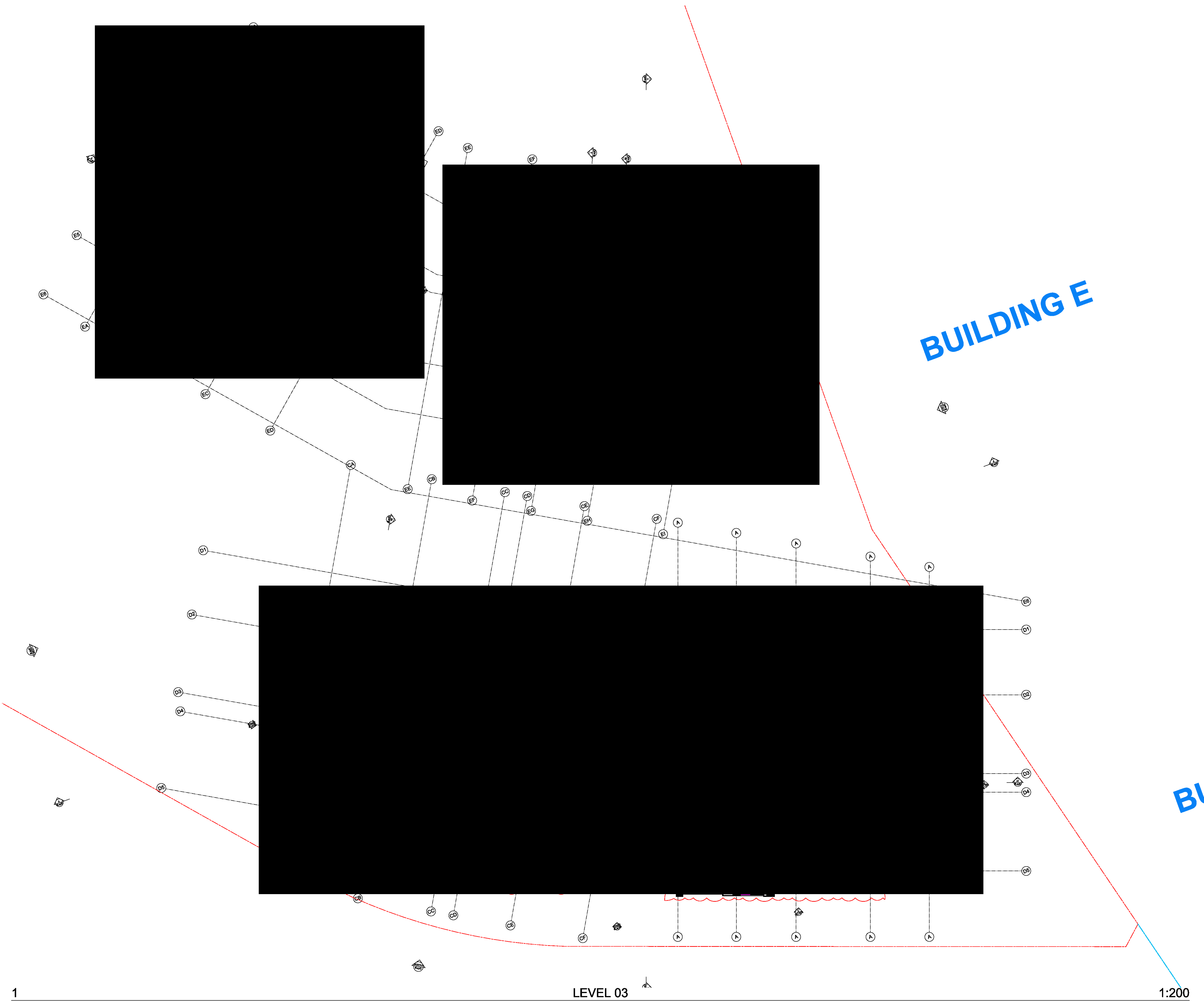


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S4.55 SCHEDULE OF AMENDMENTS
Level 03:

- inclusion of adaptable units
- building D west lowered RL 36,800 to 36,550
- building E raised RL 36,050 to 36,550
- Unit Amalgamation (6 Units become 3)



Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

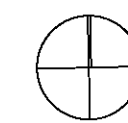
Project
AQUA
STAGE 2B - Building D & E
Panthers North Precinct, Penrith
Sydney NSW Australia



Nominated Architects:
Zaid Saunnehem Reg no 8008
Youssef El Khawaja Reg no 8933
Nicolas Toubia Reg no 8336

Drawing Title
FLOOR PLANS
LEVEL 03 FLOOR PLAN

Scale
1:200 @A1 Sheet Size



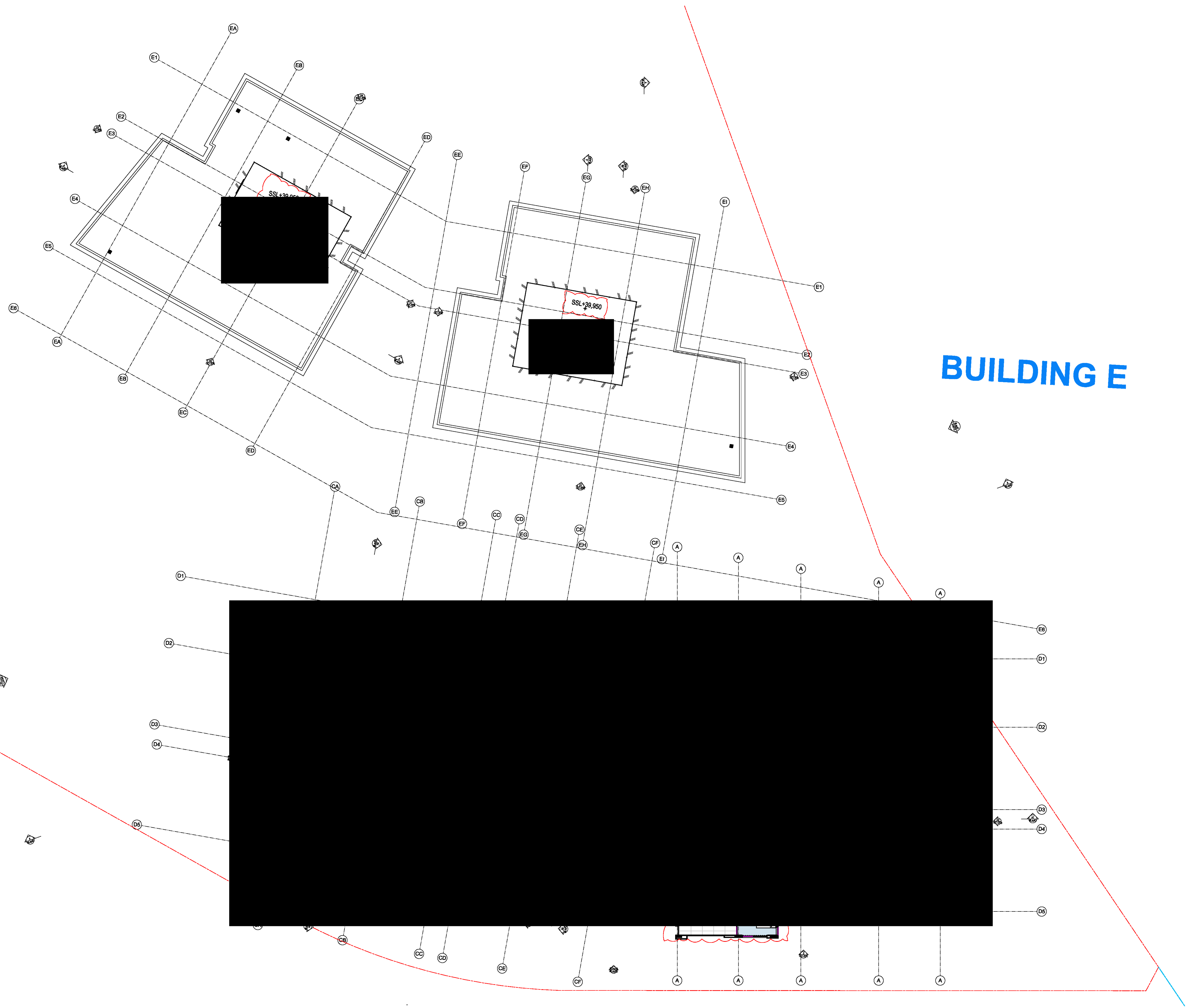
Project Number
2020-032
Status

Drawing Number
S4.55-105
Revision



S4.55 SCHEDULE OF AMENDMENTS
Level 04:

- inclusion of adaptable units
- building D west lowered RL 40,100 to 39,900
- building E raised RL 39,450 to 39,950
- skylight added to D.507



BUILDING E

B

Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project:
AQUA
 STAGE 2B - Building D & E
 Panthers North Precinct, Penrith
 Sydney NSW Australia



Nominated Architects:
 Zaid Saadallah Reg no 8008
 Yousef El Khawaja Reg no 8933
 Nicolas Toubia Reg no 8336

Drawing Title
FLOOR PLANS
 LEVEL 04 FLOOR PLAN

Scale
 1:200 @A1 Sheet Size

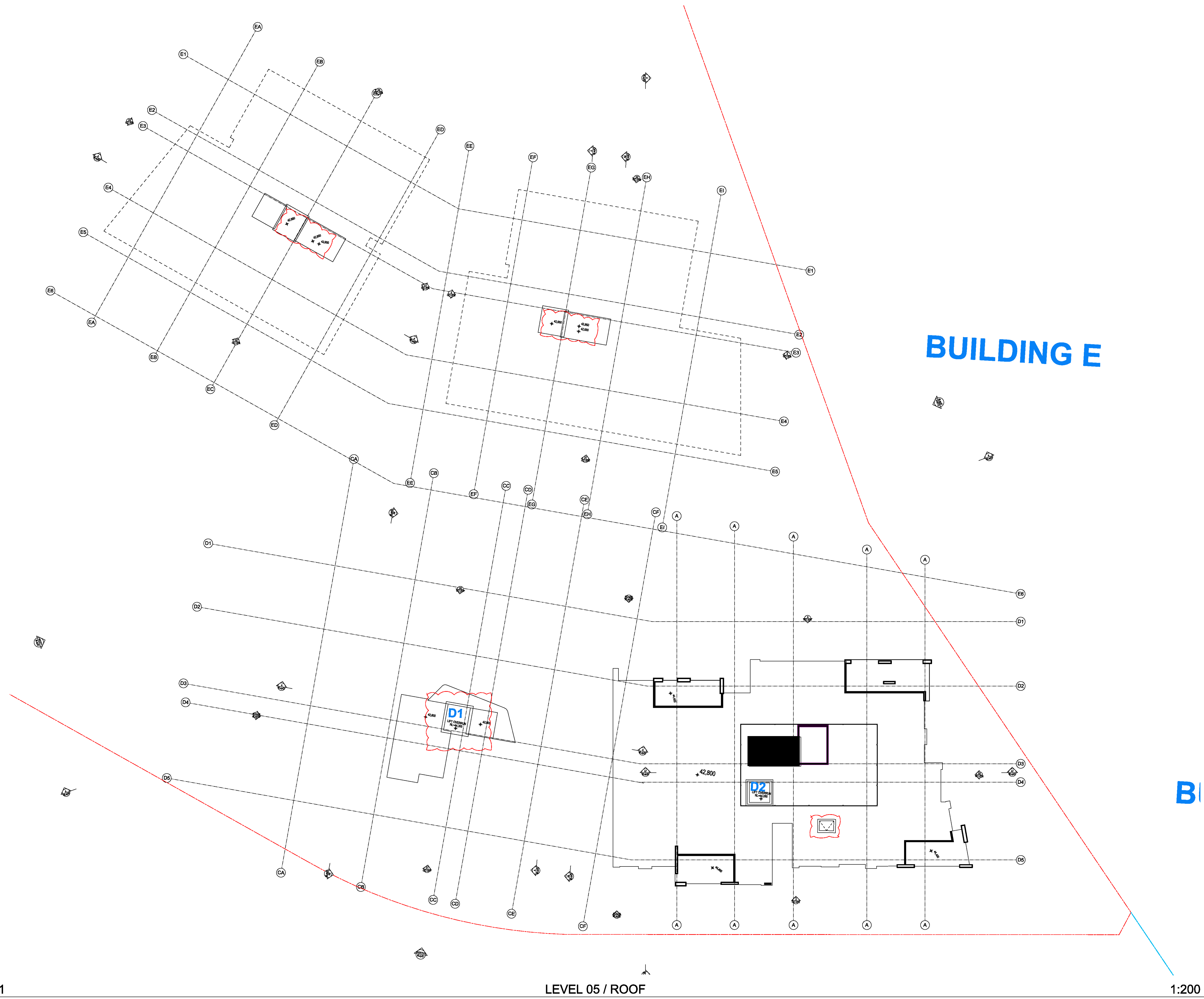
Project Number
2020-032
 Status

Drawing Number
S4.55-106
 Revision

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S4.55 SCHEDULE OF AMENDMENTS
Roof Plan:
 - skylight added



BUILDING E

B

Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project:
AQUA
 STAGE 2B - Building D & E
 Panthers North Precinct, Penrith
 Sydney NSW Australia



Nominated Architects:
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 Yousef El Khawaja Reg no 9933
 Nicolas Toubia Reg no 9336

Drawing Title
FLOOR PLANS
ROOF PLAN

Scale
1:200 @A1 Sheet Size

Project Number
2020-032
 Status

Drawing Number
S4.55-107
 Revision



1 The Address Elevation
1:200



2 South Elevation
1:200



3 East Elevation
1:200



4 North Elevation
1:200

LEGEND_External Materials & Finishes

1

BUILDING D - ELEVATIONS

S4.55 SCHEDULE OF AMENDMENTS Elevations:

- building D west RLs lowered to match building D east
- lift over-run increased levels

Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project:
AQUA
 STAGE 2B - Building D & E
 Panthers North Precinct, Penrith
 Sydney NSW Australia

URBAN LINK

Nominated Architects:
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 Youssef El Khawaja Reg no 8933
 Nicolas Toubia Reg no 8336

Drawing Title:
ELEVATIONS
 ELEVATIONS BLDG D

Scale:
 1:1 @A1 Sheet Size

Project Number:
2020-032
 Status

Drawing Number:
S4.55-201
 Revision

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1 East Elevation
1:200



2 North Elevation
1:200



3 West Elevation
1:200



4 Retreat Drive Elevation
1:200

LEGEND_External Materials & Finishes

1

BUILDING E - ELEVATIONS

ELEVATIONS ARE AS PER APPROVED SKETCH FLOOR PLAN LAYOUTS

S4.55 SCHEDULE OF AMENDMENTS Elevations:
 - building E raised entire building RL by 500mm

PENRITH COUNCIL

Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project:
 AQUA
 STAGE 2B - Building D & E
 Panthers North Precinct, Penrith
 Sydney NSW Australia



Nominated Architects:
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 Youssef El Khawaja Reg no 8933
 Nicolas Toubia Reg no 8336

Drawing Title:
ELEVATIONS
 ELEVATIONS BLDG E

Scale:
 1:1 @A1 Sheet Size

Project Number:
 2020-032
 Status

Drawing Number:
 S4.55-202
 Revision

BLDG E (WEST)

LAYOUT AND
LAYOUT AS PER
E107.

REFER TO LANDSCAPE DRAWING FOR
LANDSCAPE DESIGN, NEW TREES AND
RETENTION OF EXISTING TREES

**MINIMUM COMFORT PROVISION
STAGE 2B**

- Glazing Doors/Windows**
Aluminum framed clear performance glazing:
A - awning windows - hinged glazed doors
U-Value: 4.50 (equal to or lower than) SHGC: 0.51 (10%)
B - sliding doors/windows - fixed glazing - louvre windows
U-Value: 4.50 (equal to or lower than) SHGC: 0.59 (10%)
Aluminum framed double performance glazing as per assessor certificate:
U-Value: 4.10 (equal to or lower than) SHGC: 0.52 (10%)
Given values are AFRC, total window system values (glass and frame)
- Roof**
Concrete roof no insulation
External Colour: Default colour modelled
- Ceiling**
Plasterboard ceiling, R4.0 insulation (insulation only value) to unit E 405 only and R2.5 in
only value) to all other units where exposed roof and terrace above.
Plasterboard ceiling, R1.5 insulation (insulation only value) where balconies are above
Plasterboard ceiling, no insulation where neighbouring units are above
- Ceiling Penetrations**
Assumed sealed LED downlights every 1/2.5m
- External Wall**
Brick veneer with R2.0 insulation (insulation only value)
Lightweight spandrel with R2.0 insulation
External Colour:
Default colour modelled
- Inter tenancy walls**
75 mm Hebel power panel wall between neighbours, no insulation required
75 mm Hebel power panel wall with R1.7 insulation to corridor walls
200mm concrete wall with R1.7 insulation to lift shafts and fire stairs
Acoustic insulation as required
- Walls within dwellings**
Plasterboard on studs - no insulation
- Floors**
Concrete - suspended open subfloor with R1.2 or R2.0 insulation required as per Asses
Concrete between levels no insulation required
- Floor coverings**
Carpet to bedrooms, tiles to bathrooms and laundry, timber elsewhere
- External Shading**
External shading screens and fins as per stamped documentation
- Central rainwater storage**
Tank size: 10,000L
Collecting from 1400m² roof area
Connected to outdoor tap for irrigation of landscaping and two car wash bays
- Hot water system**
Gas instantaneous (central system) with R1.0 (38mm) insulation to circ main and supply
- Alternative energy**
45kW Photovoltaic system
- Common pool**
Volume: 10kL in total (31 adult and 30 kids pool)
Electric heat pump gas boosted
Pump controlled by a timer

**S4.55 SCHEDULE OF
AMENDMENTS
COMPLIANCE:**

- amalgamation of the units
resulting in a change of solar
and cross flow ventilation
results

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PENRITH CITY COUNCIL
COUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS
This plan / document relates to Development Consent: **DA18/0999**
Subject to the conditions outlined in the consent

1 Building D&E_Ground Level
1:200

Stamped Sketch Plans - Building D & E

Compliance calculation after unit amalgamation

SOLAR:	67/95 = 70.5%
CROSS VENT.:	67/95 = 70.5%
NO SOLAR:	7/95 = 7.3%

THIS WINDOW
ALLOWS FOR SOLAR
IN ACCORDANCE WITH
ADG OBJECTIVE 4A-1 CASE

Rev	Description	Date	App'd
A	S4.55 APPLICATION	09/12/2020	YE

Project:
AQUA
STAGE 2B - Building D & E
Panthers North Precinct, Penrith
Sydney NSW Australia



Nominated Architects:
Zaid Saadiahem Reg no 8008
Youssef El Khawaja Reg no 8933
Nicolas Toubia Reg no 8336

Drawing Title:
COMPLIANCE
SOLAR / CROSS FLOW STUDY

Scale:
@A1 Show Size

Project Number:
2020-032
Status

Drawing Number:
S4.55-1401
Revision