

# UBC Hebb Building Upgrade

## University of British Columbia



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### Issues

20 Jun 2017 Issued for Development Permit

### revisions

21 Nov 2017 Revised for DP Amendment

### Project Data

#### Civic Address

2045 East Mall, University of British Columbia  
Vancouver, BC, V6T 1Z1

#### Legal Description

PID 015-891-909  
District Lot 3044 Group 1 New Westminster District except firstly; part on plan 6147; secondly; part on plan 9301; thirdly; part on plan BCP6556; fourthly; part on plan BCP23719

#### Existing / Proposed Use

Department of Physics & Astronomy  
undergraduate classrooms + teaching laboratories  
Group A Division 2 Assembly with subsidiary Group D Office

#### Project Description

Seismic Upgrade & Renewal

#### Construction Type

Non-combustible construction; Sprinklers provided

#### Building Height

21.58m (existing) 6 storeys

#### Setbacks

Front Yard (East Mall):	existing
Rear Yard (Lane):	existing
East Side Yard (Lane):	existing
Wide Side Yard (Volkoff Lane):	existing

#### Area

Total Existing + Proposed Gross Area: 6147.87 sm  
Site Coverage: 1483.50 sm  
Site Area: 1957.30 sm

#### Parking + Loading

None

#### Bicycle

Class 1: Volkoff Lane Bike Cage (utilize existing facilities)

#### Variances Requested

None

### Drawing List

#### Architectural 19 Drawing Sheets

A001	Cover
A002	Context Plan
A003	Site Plan
A004	Perspective Views
A005	Shadow Analysis
A100	Level 0 Plan
A100a	Theatre Plan
A101	Level 1 Plan
A102	Level 2 Plan
A103	Level 3 Plan
A104	Level 4 + 5 Plan
A105	Level 6 + 7 Plan
A201	Section AA
A202	Section BB
A203	Section CC
A204	Section DD
A301	East Elevation
A302	West Elevation
A303	North & South Elevation

#### Landscape 7 Drawing Sheets

L0.00	Landscape Cover Page
L1.00	Landscape Plan
L1.01	Landscape Grading Plan
L2.00	Landscape Planting Plan
L3.00	Landscape Lighting Plan
L4.00	Landscape Details
L4.01	Landscape Details

#### Civil 3 Drawing Sheets

C1	Utilities Existing Conditions
C2	Site Servicing Plan
C2	Water Main Plan / Profile

#### Owner

UBC - Project Services  
Jay Hiscox  
2329 West Mall  
Vancouver BC V6T 1Z4  
T: 604.827.4546 F: 604.822.5291

#### Architect

Acton Ostry Architects Inc.  
Russell Acton / Nathaniel Straathof  
111 East 8th Avenue  
Vancouver BC V6J 1N5  
T: 604.739.3344 F: 604.739.3355

#### Laboratory Consultant

RFD  
Mark Ranyak  
3965 Fifth Avenue, Suite 400  
San Diego California 92103  
T: 619.297.0159

#### Building Code

LMDG Building Code Consultants Ltd.  
Alan Jung  
4th Floor - 780 Beatty Street  
Vancouver BC V6B 2M1  
T: 604.682.7146 F: 604.682.7149

#### Structural

Read Jones Christoffersen Ltd.  
CC Yao / Meredith Anderson  
3rd Floor - 1285 West Broadway  
Vancouver BC V6H 3X8  
T: 604.687.1821 F: 604.738.1107

#### Mechanical

MCW Consultants - Mechanical  
Sam Louie / Adam Juck  
1400-1185 West Georgia Street  
Vancouver BC BC V6E 4E6  
t: 604.687.1821 f: 604.683.5681

#### Electrical

MCW Consultants - Electrical  
Greg Lord / Erik Mak  
1400-1185 West Georgia Street  
Vancouver BC BC V6E 4E6  
t: 604.687.1821 f: 604.683.5681

#### Sustainability

Stantec - LEED  
Graham Twyford-Miles  
1100 - 111 Dunsmuir Street  
Vancouver BC V6B 6A3  
T: 604.696.8000 F: 604.696.8100

#### Landscape

PFS Studio  
Chris Phillips / Chris Miramor  
Suite 2000 - 1066 West Hastings Street  
Vancouver BC V6J 1K7  
T: 604.736.5168 F: 604.736.5167

#### Elevator

Apex Elevator Consulting  
Michael Chadney / Brett Keeble  
Suite 2000 - 1066 West Hastings Street  
Vancouver BC V6E 3X2  
t: 604.533.4617 f: 1.855.888.9933

#### Geotechnical

Geopacific Consultants Ltd.  
Kyle Doyle  
1778 West 75th Ave  
Vancouver BC V6P 6P2  
t: 604.439.0922 f: 604.439.9189

#### Civil

Core Group Civil Consultants Ltd.  
Cormac Nolan / Brian Carnahan  
320 - 8988 Fraserston Court  
Burnaby BC V5J 5H8  
t: 604.299.0605 f: 604.299.0629

#### Surveyor

Murray & Associates Ltd.  
Greg Marston  
201 - 12448 82 Ave  
Surrey BC V3W 3E9  
t: 604.597.9189 f: 604.597.9061

### ACTON OSTRY ARCHITECTS INC.

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## UBC Hebb Building Upgrade

University of British Columbia  
2045 East Mall

scale	date
nts	21 Nov 2017
project code	status
HEBB	CD
drawn	checked
SH	NS/RA

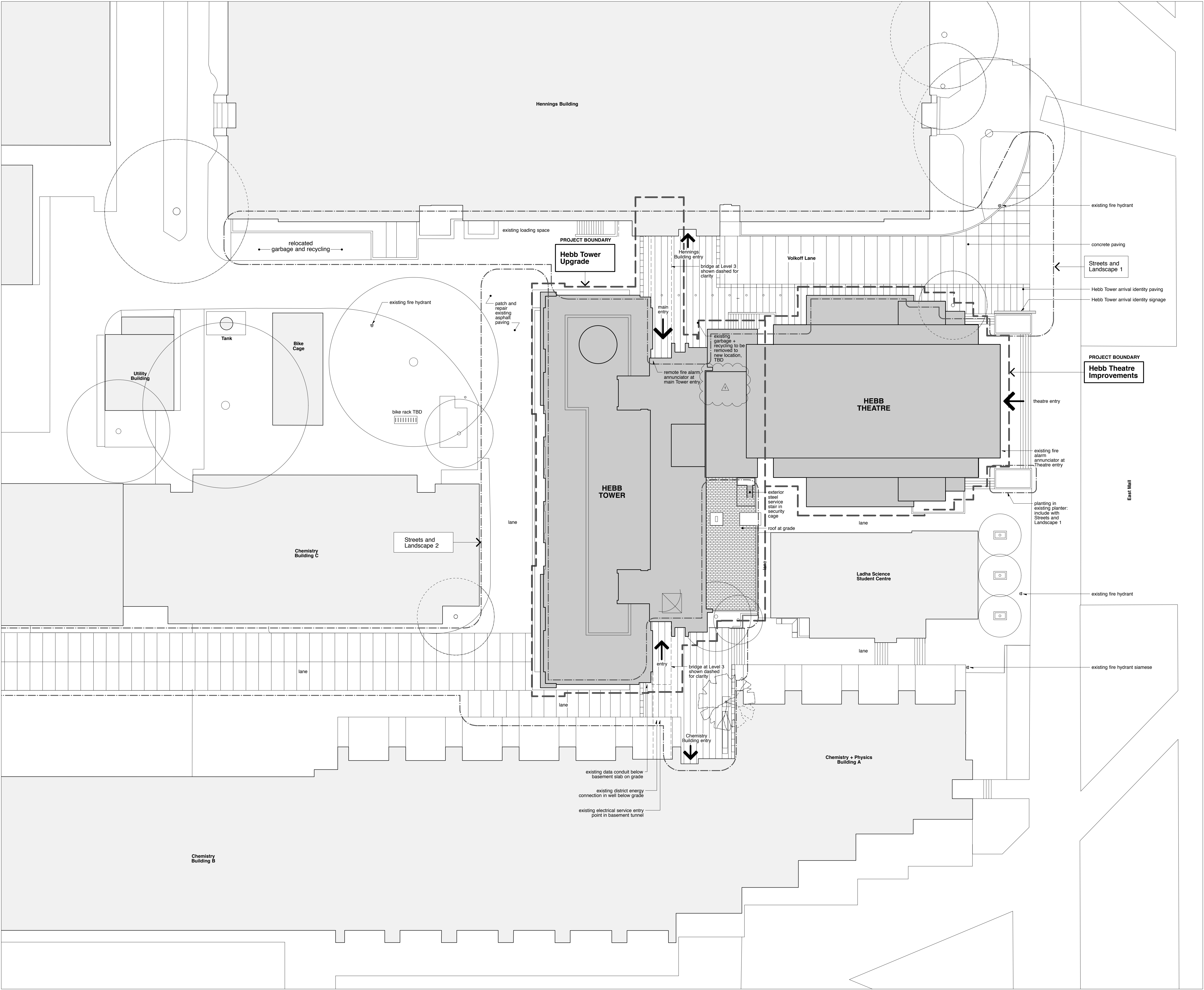
## Cover

drawing number

A001

1





General Notes

- Survey information is derived from survey file 8613hp-27 updated 27 January 2017 by Murray & Associates, 201-12448 82nd Avenue, Surrey BC, V3W 3E9.
- Information regarding existing buildings and site is based upon survey noted above by Murray & Associates as well as the following drawings by others. Drawings with later dates supersede portions of drawings with earlier dates: Thompson Berwick & Pratt dated 1962 (Teaching Addition to The Physics Building), Ulrich Laska Architect dated 1994 (Hebb Theatre Renovations), B. Gordon H. Lynsky Architect Inc. dated 2006 (Hebb Building - Floor 3 Renovations), Aurencio Engineering Canada Inc. (Hebb Theater Building Seismic Upgrade).
- All dimensions are to be confirmed on site.
- Architectural elevation datum 100.000m = top of floor at Level 1.
- Architectural Elevation datum 100.000m is equal to the following elevation data:  
377'3" architectural design drawings issued previously for existing building  
87.07m survey file updated 27 January 2017 by Murray & Associates, 201-12448 82nd Avenue, Surrey BC, V3W 3E9.

Project Boundary Notes

- Project Boundary is 1 meter beyond face of Hebb Building, including Hebb Tower and Hebb Theatre.
- Landscape and Civil information beyond Project Boundary is shown for information purposes and is to be submitted to Authorities under separate Streets and Landscape (SLP) permit application.

Legend

tone indicates HEBB building

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Issues

20 Jun 2017 Issued for Development Permit

revisions

21 Nov 2017 Revised for DP Amendment

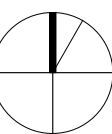
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UBC Hebb Building Upgrade

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Site Plan

drawing number

A003

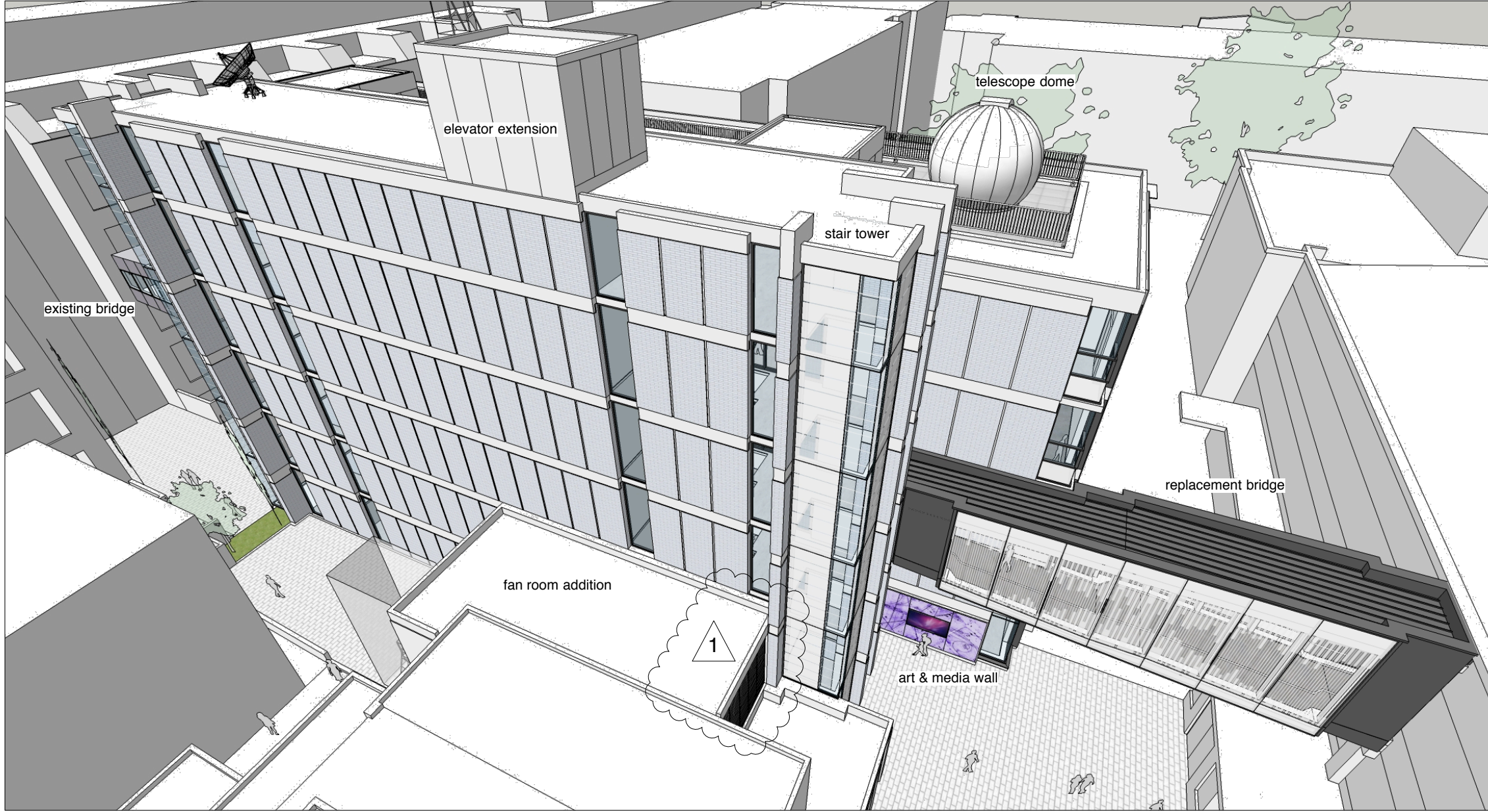


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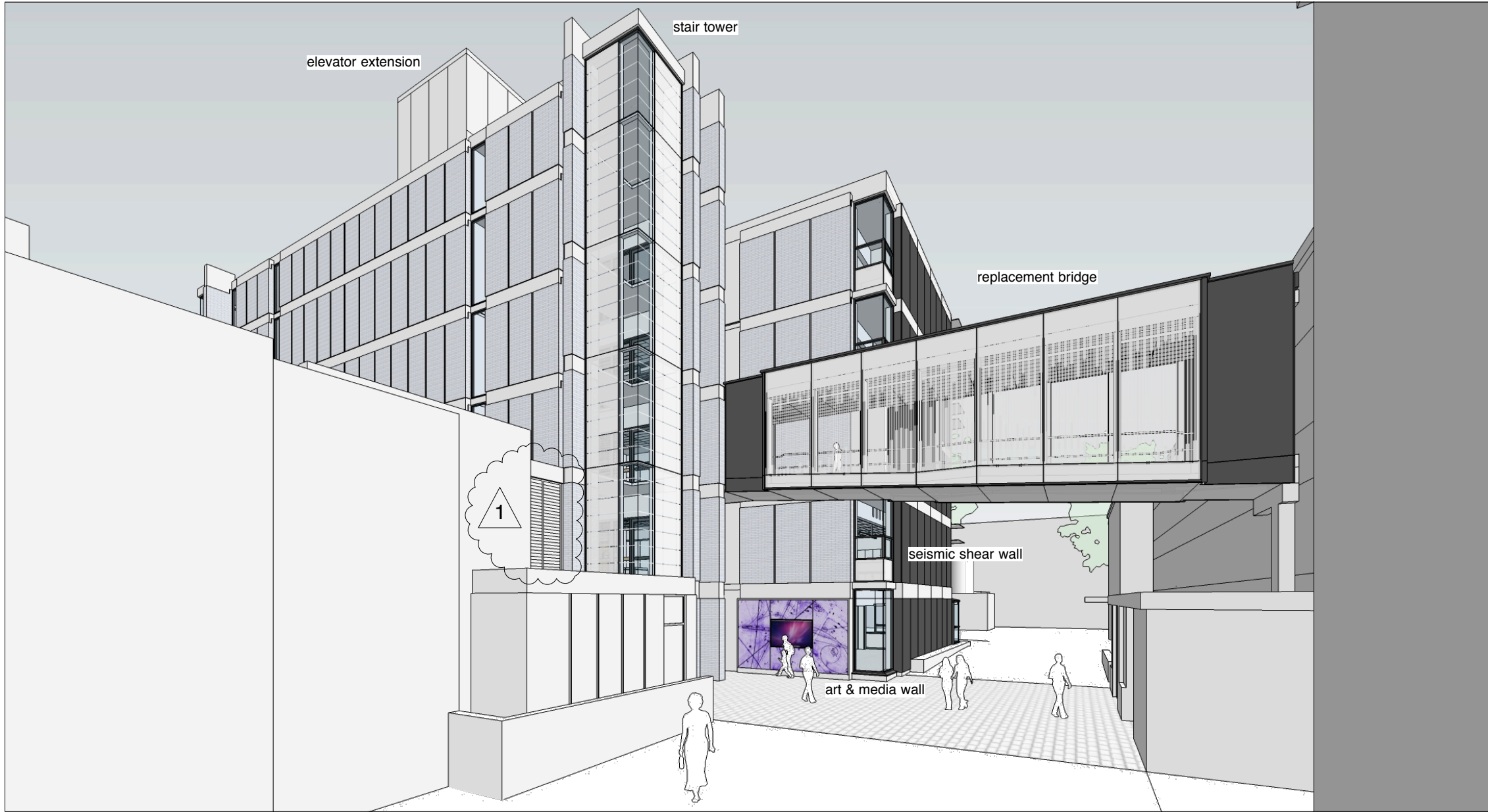
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1 aerial northeast corner



2 aerial northwest corner



3 Volkoff Lane



4 view from northwest corner



5 view from southwest corner



6 view from southeast corner

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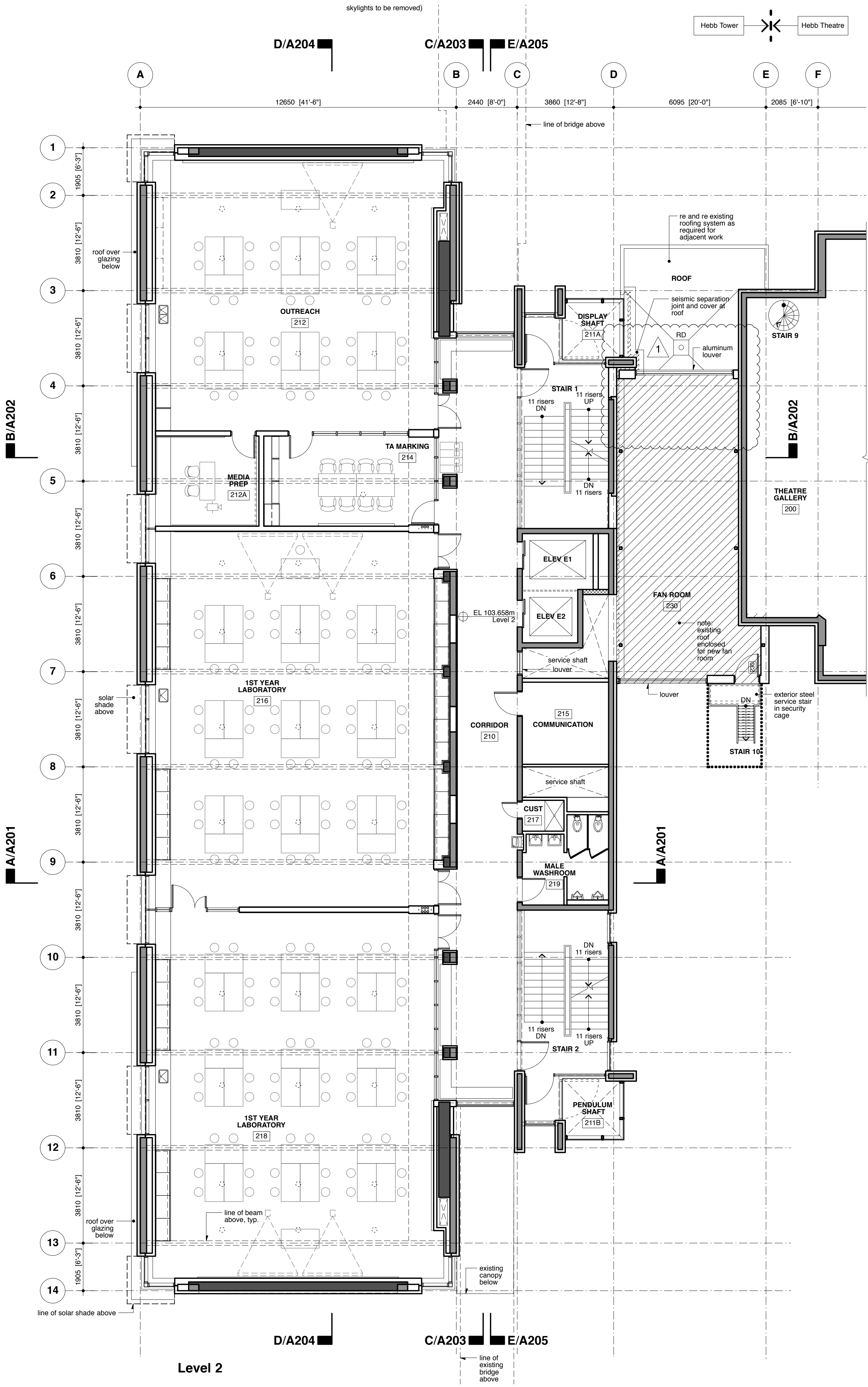
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Perspective Views

drawing number

A004





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#### Legend

- New Structure
- Existing Structure
- Existing Wall
- New Wall
- Area of Addition

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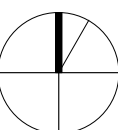
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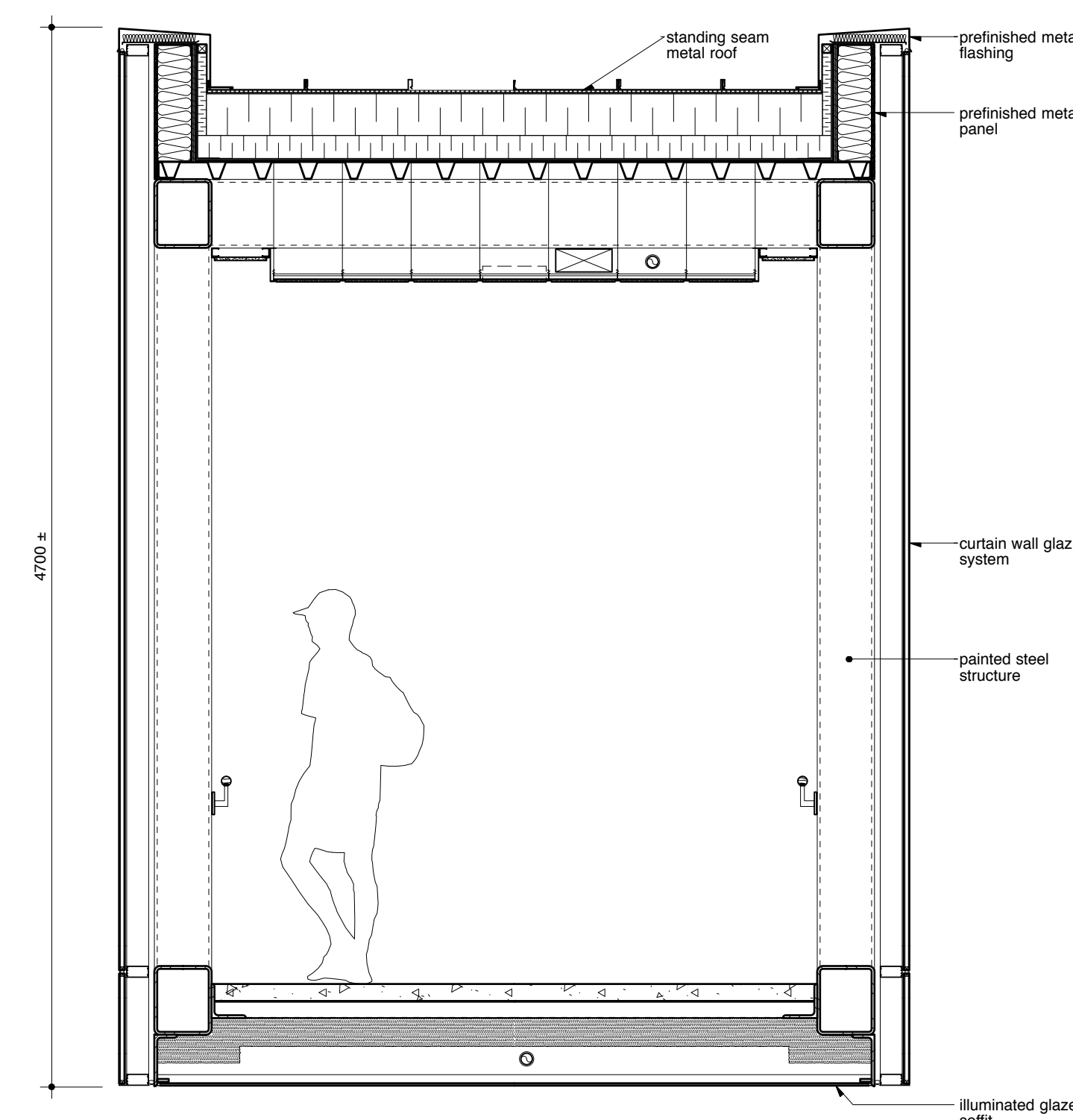
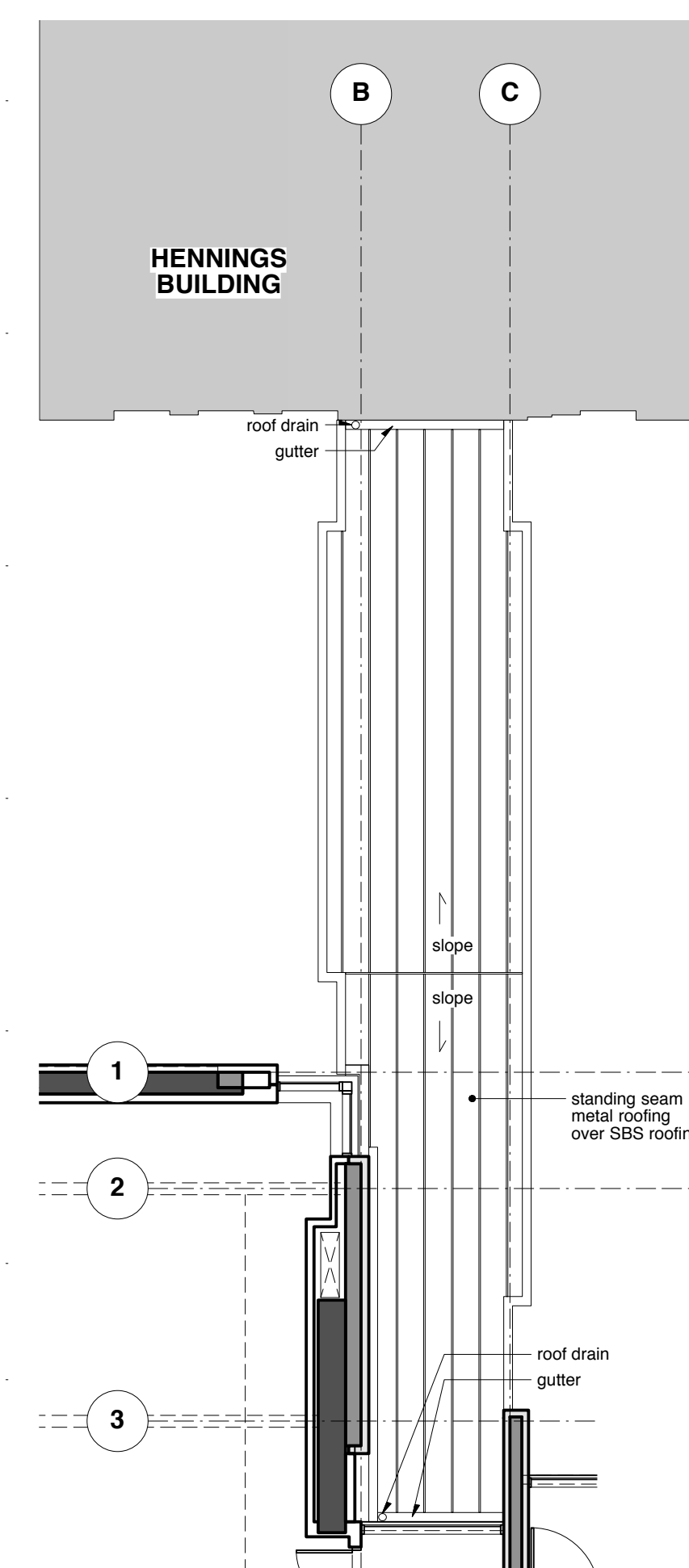
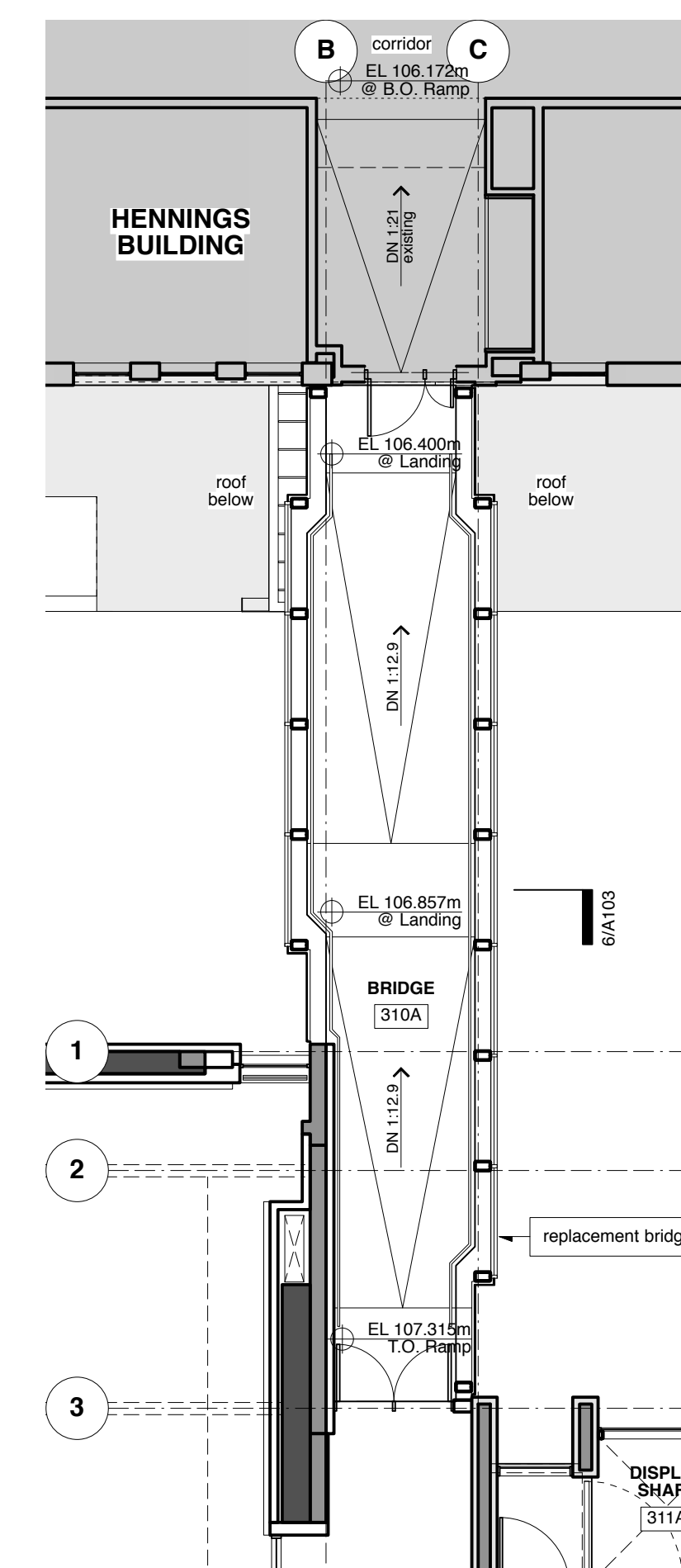
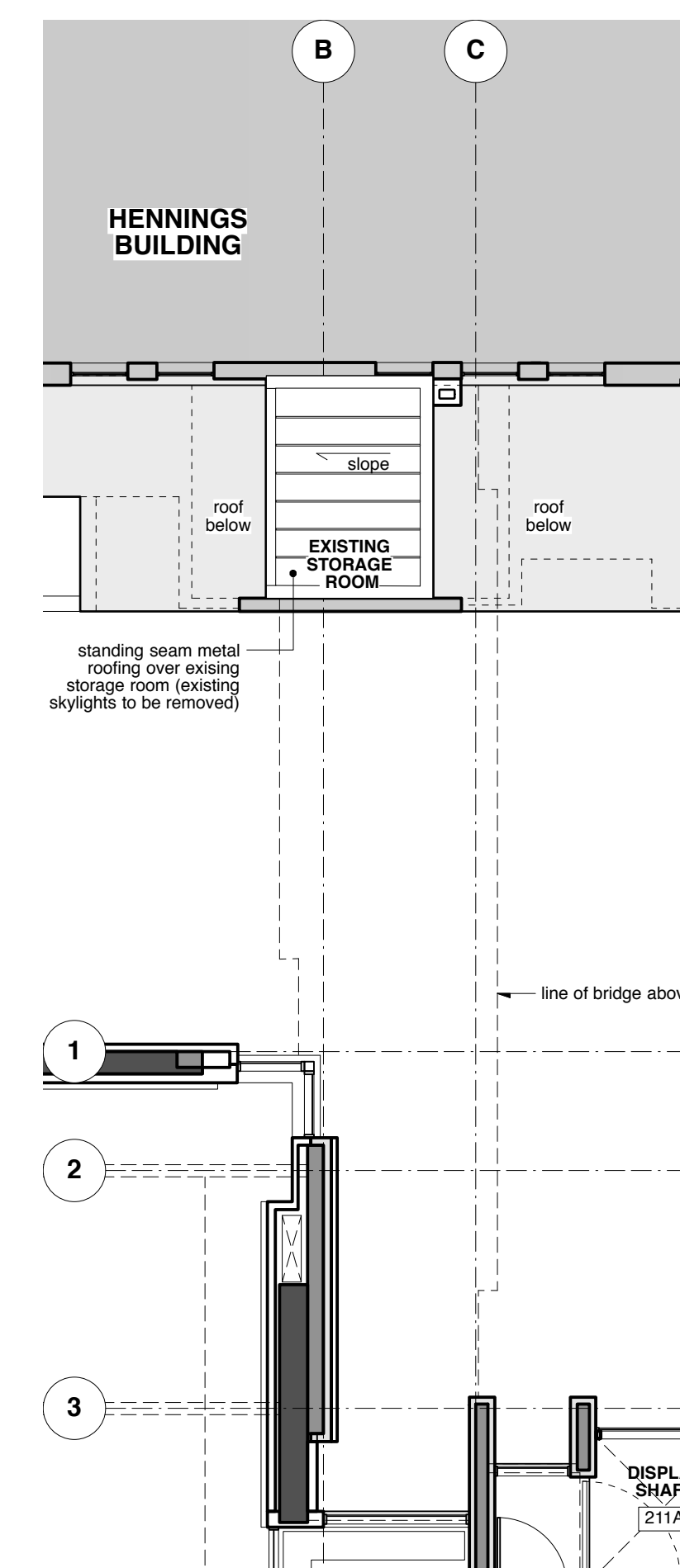
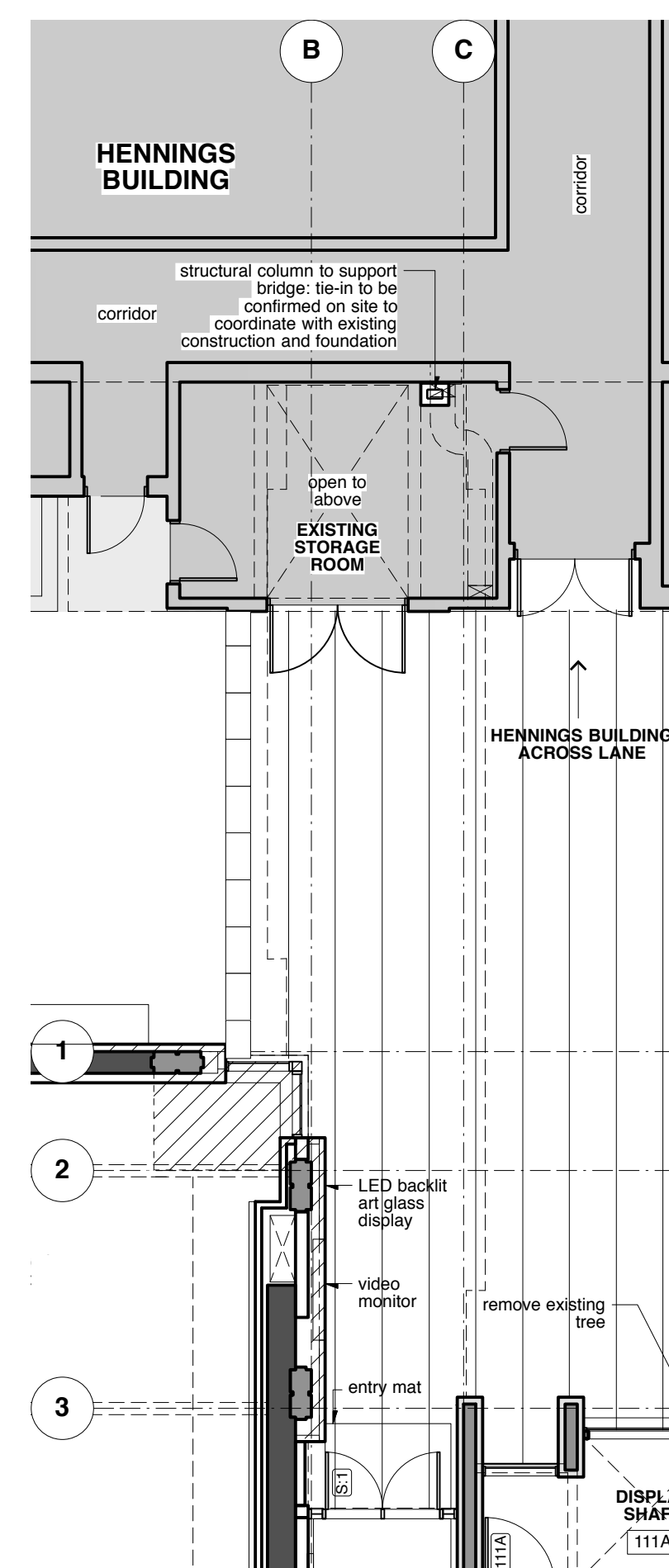
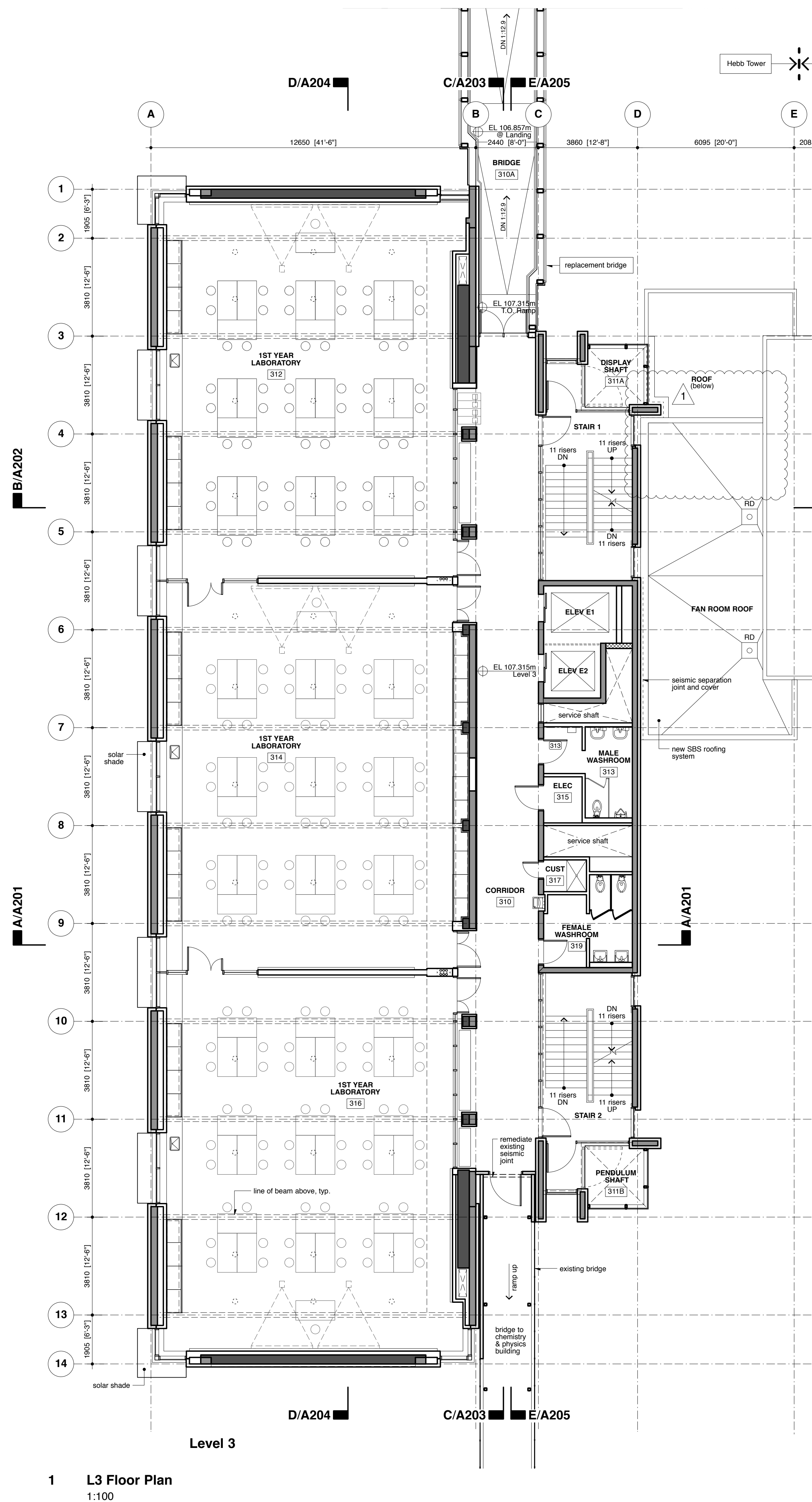
## Level 2 Plan

drawing number

A102

1









- ### General Notes

1. Survey information is derived from survey file 86139g-27 updated 27 January 2017 by Murray & Associates, 2016, 100 2nd Avenue, Information regarding existing buildings and site is based upon survey noted above and on drawings by Murray & Associates as well as the following drawings by others. Drawings with later dates supersede all portions of earlier drawings. Drawings by Thornton Benwick & Pratt dated 1986 (Residential Division) and 1988 (University Division) of the University of Laska Architect dated 1994 (Hebb Building - Residential), 2008 (Hebb Building - University Division), 2008 (Hebb Building - Floor 3 Renovations), Augsburg Engineering Canada (Hebb Theater Building Seismic Upgrade).
2. All dimensions are to be confirmed on site.
3. Architectural Elevation datum 100.00m = to 1st floor at Level 1.
4. Architectural Elevation datum 100.00m is equal to the following elevation data:
  - 377'3" architectural design drawings issued previously for existing building
  - 87.07m survey file updated 27 January 2017 by Murray & Associates, 2017-12-04-87, 2018-01-04, Survey data, VSW 363

- Hennings building areas not in project scope
- Hennings building exterior areas not in project scope

- Legend**
-  New Structure
  -  Existing Structure
  -  Existing Wall
  -  New Wall
  -  Area of Addition

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issues

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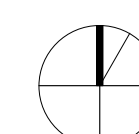
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UBC Hebb Building  
Upgrade

University of British Columbia  
2045 East Mall

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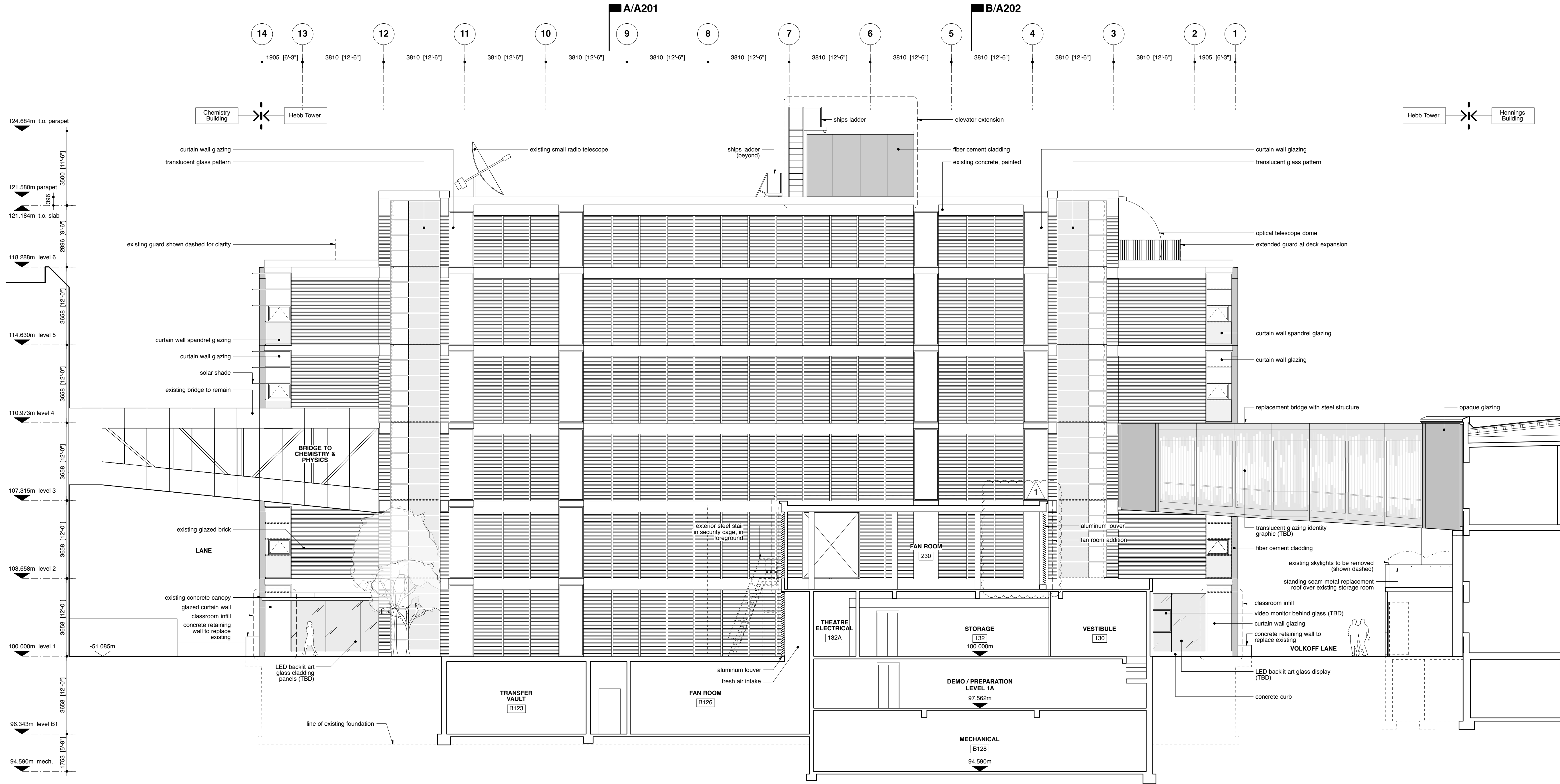
### Level 3 Plan + Replacement Bridge Details

drawing number

A103







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East Elevation

drawing number

A301