



Tim Kindrat
Selected Work: Built

Fold
Camp
Digestion
Section 11
Yes, And...

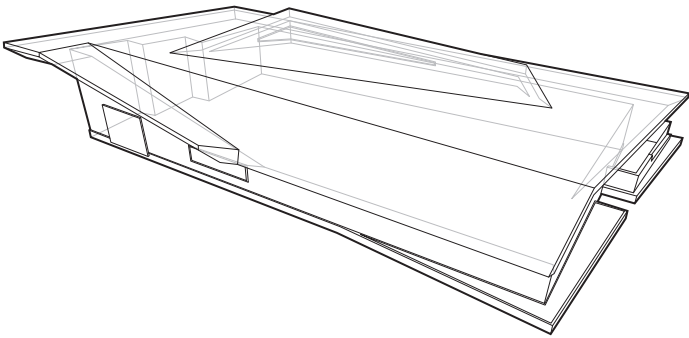


Fold

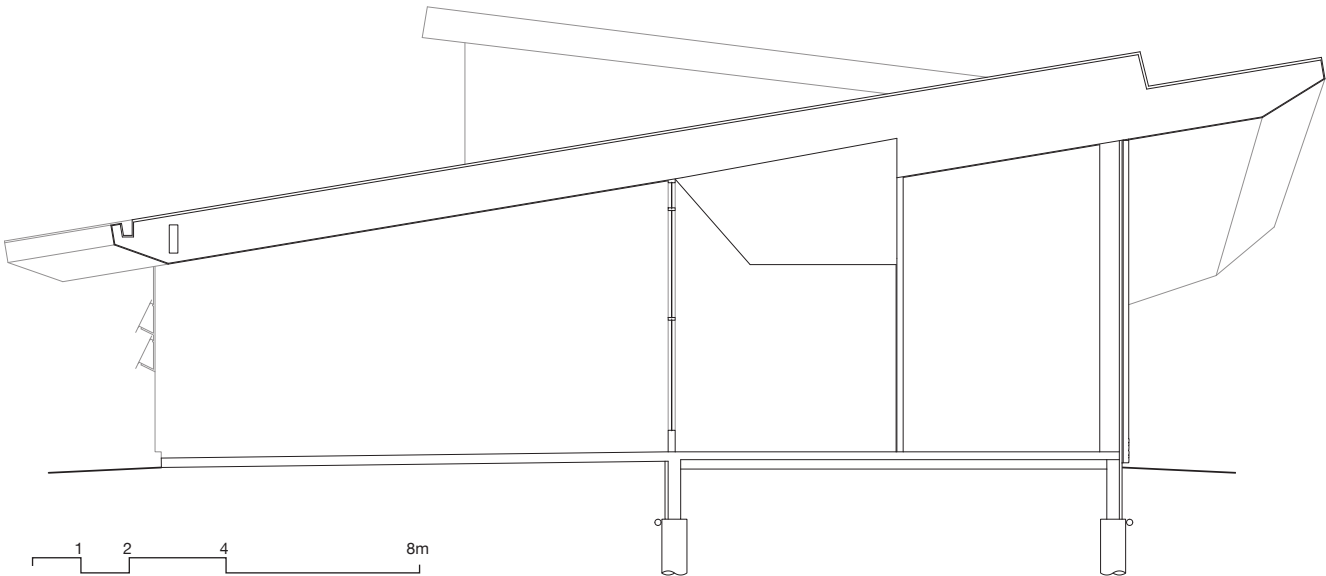
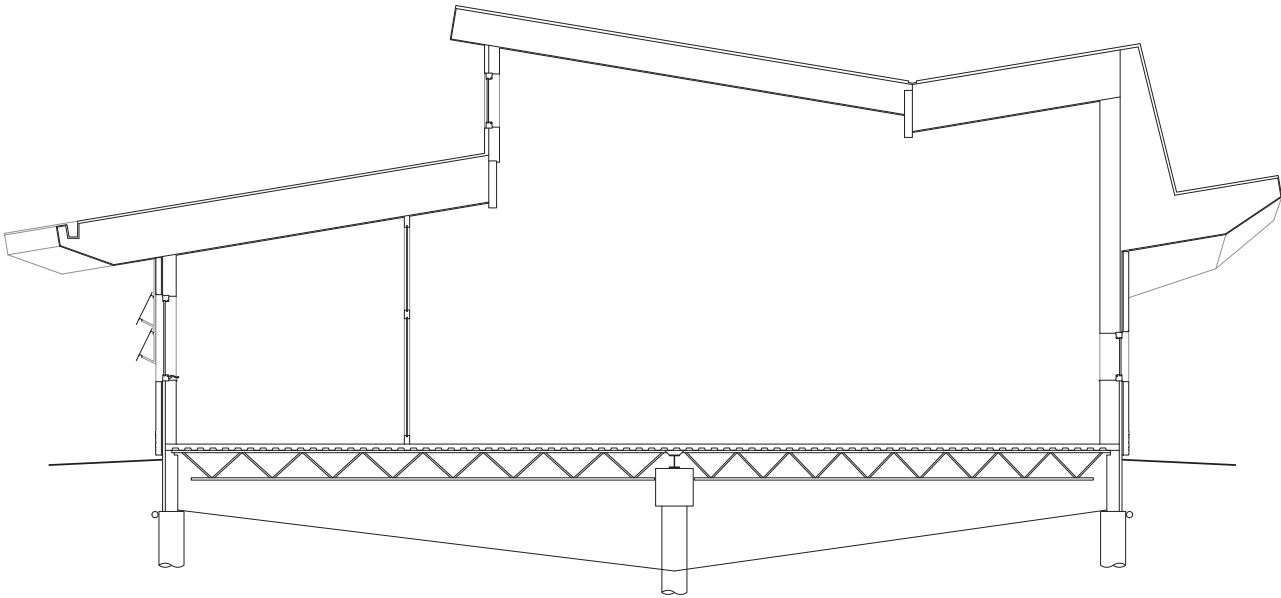
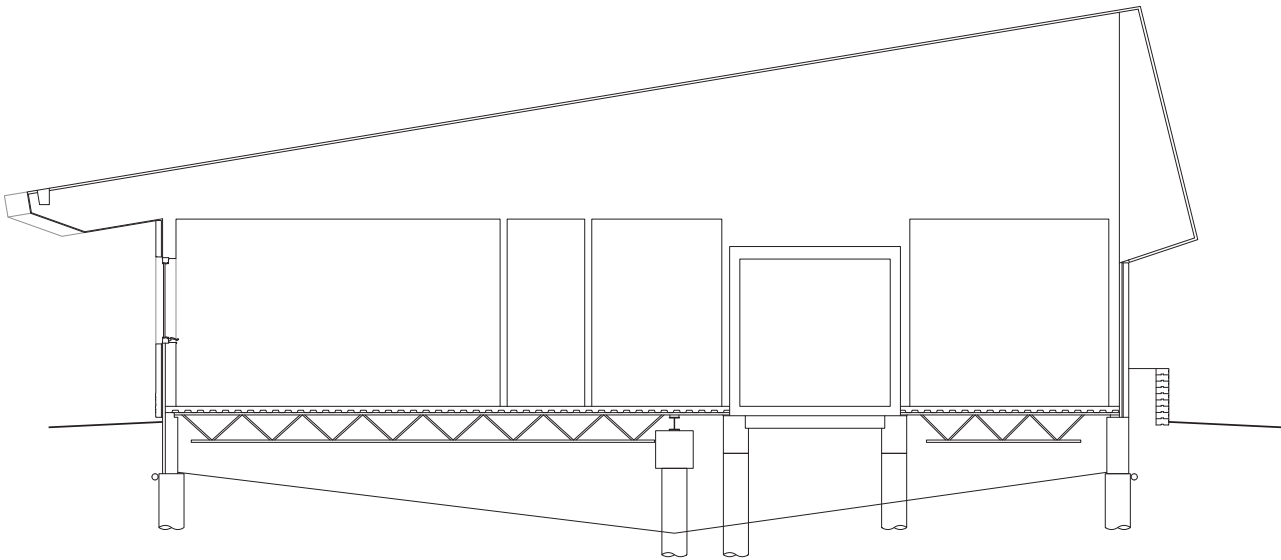
On a site without a “back”, for a client seeking an entry oriented away from the road, strong roof geometries provided a unifying design solution. The roof folds, extends and opens, shading the offices, illuminating the lobby, identifying the entry, and distinguishing the building from its parking lot environment.

The strategy proved effective, and its adaptability enabled it to become a prototype for numerous other locations.

TPOLOGY
BANK BRANCH
LOCATION
WINNIPEG, MB, CANADA
SIZE
418 m²
TEAM
TIM KINDRAT, DON OLIVER, KENT WOLOSCHUK
ARCHITECT
NORTHERN SKY ARCHITECTURE INC.
YEAR
2005



PRELIMINARY DIGITAL MODEL PERSPECTIVE



1 2 4 8m

BUILDING SECTIONS, TENDER PHASE



Camp

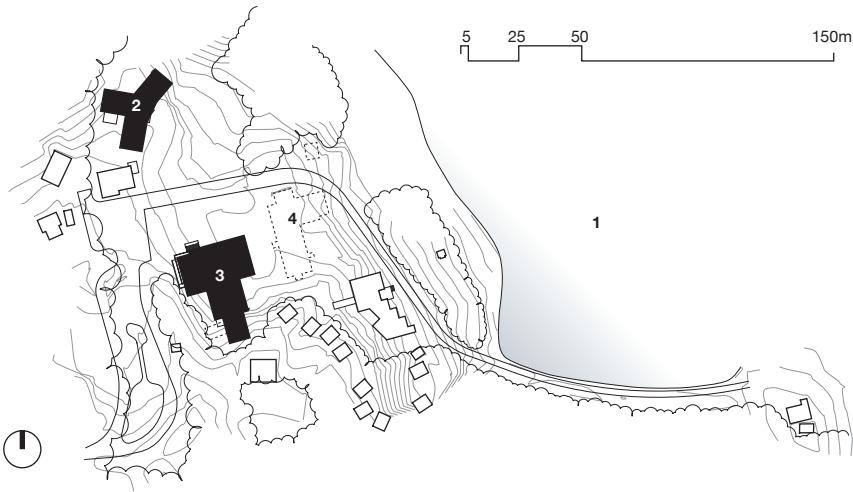
The Camp hosts children’s camping programs in the summer and autumn, as well as rental groups throughout the year. Buildings for dining and staff accommodations were replaced as part of the redevelopment, and organized to relate to the water and forest, respectively.

Close involvement throughout the design phase led to the assumption of key responsibilities throughout construction, including field reviews and contract administration.

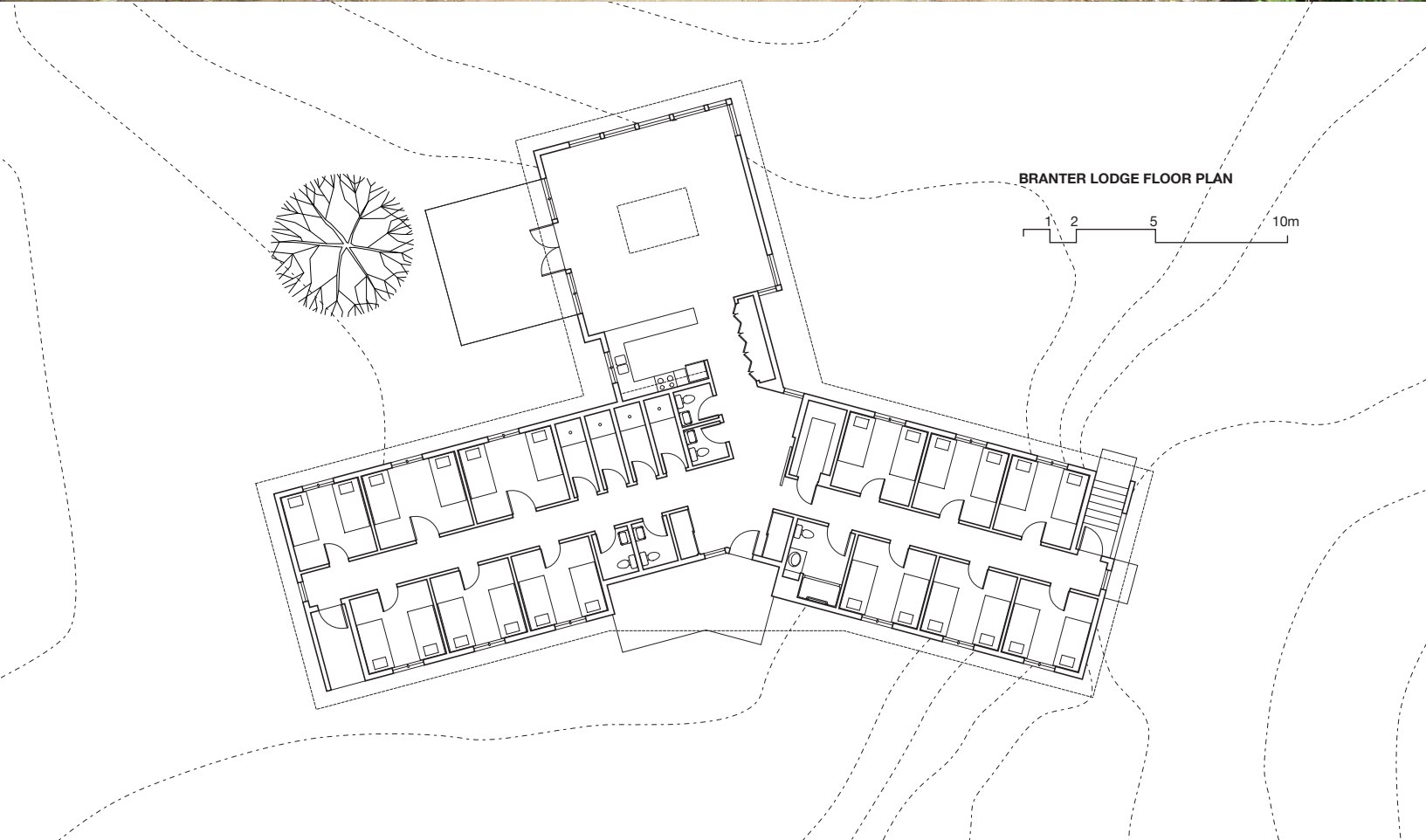
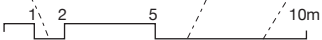
TPOLOGY
RENTAL ACCOMMODATIONS
LOCATION
SHAWINIGAN LAKE, BC, CANADA
SIZE
1,300 m²
TEAM
CRAIG BURNS, TIM KINDRAT
ARCHITECT
PRINCIPLE ARCHITECTURE INC.
YEAR
2009-2010

STATUS
BUILT

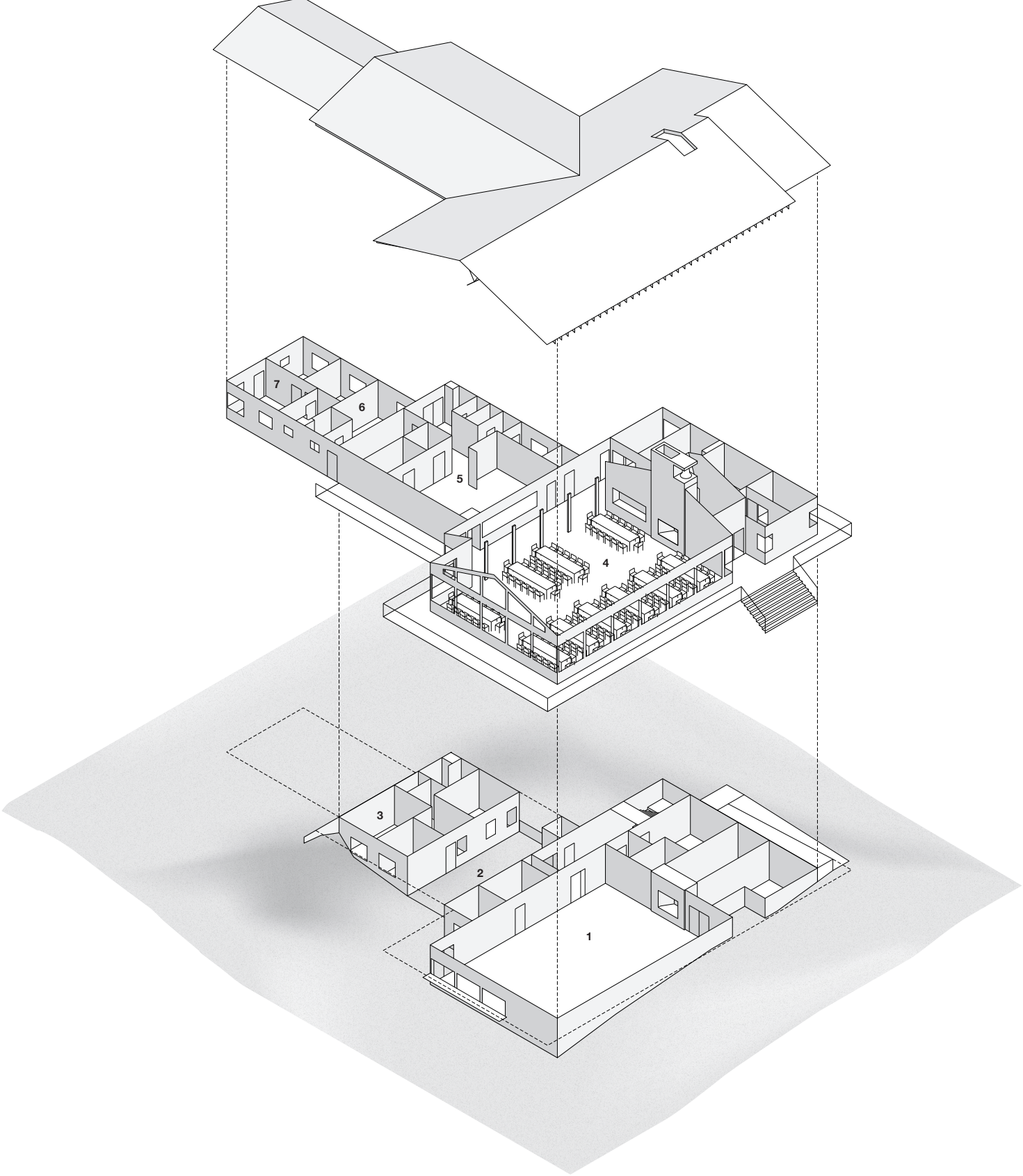
SITE PLAN
1 SHAWINIGAN LAKE
2 BRANTER LODGE (STAFF HOUSING)
3 NEW DINING HALL
4 FORMER DINING HALL (DEMOLISHED)



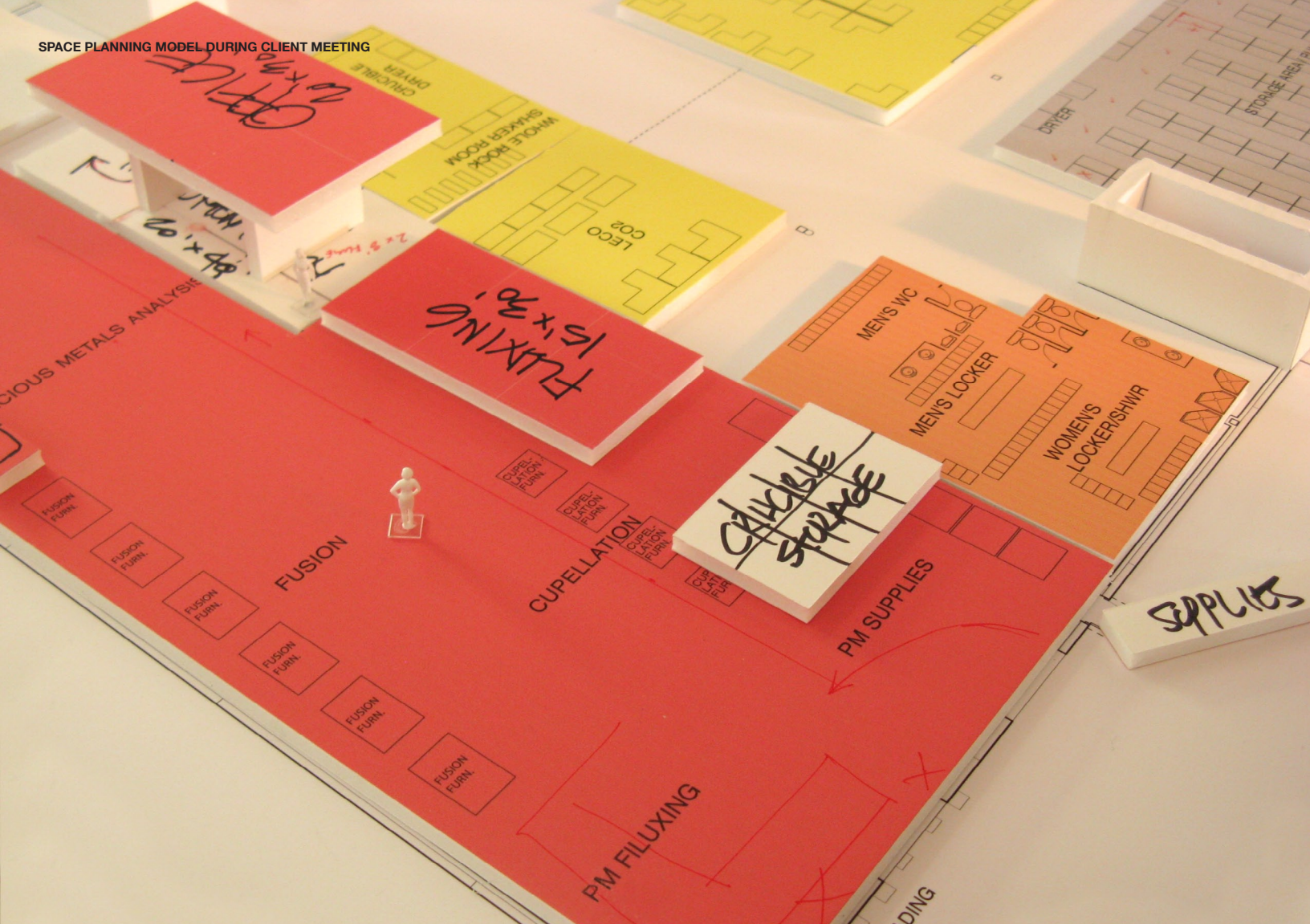
BRANTER LODGE FLOOR PLAN



DINING HALL AXONOMETRIC
1 MULTIPURPOSE
2 OUTDOOR MULTIPURPOSE
3 NURSE
4 DINING
5 KITCHEN
6 CHEF
7 DIRECTOR



SPACE PLANNING MODEL DURING CLIENT MEETING

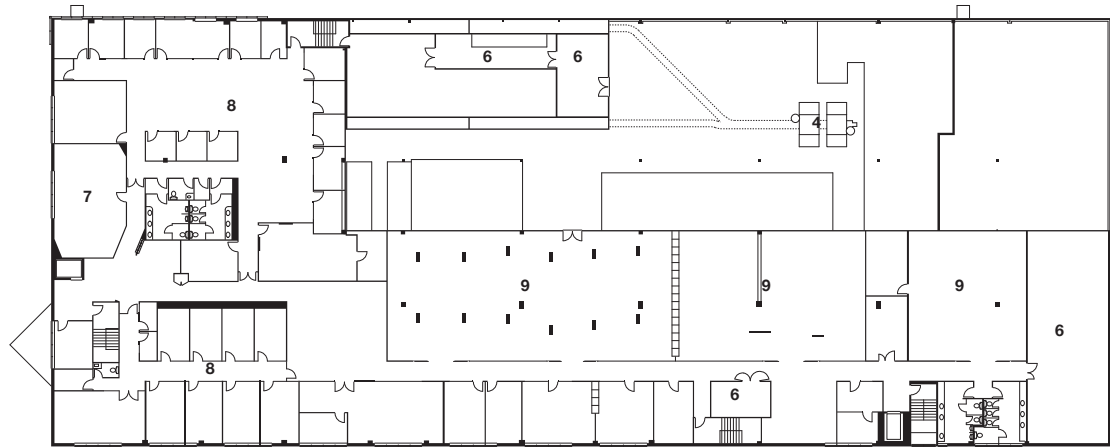


Digestion

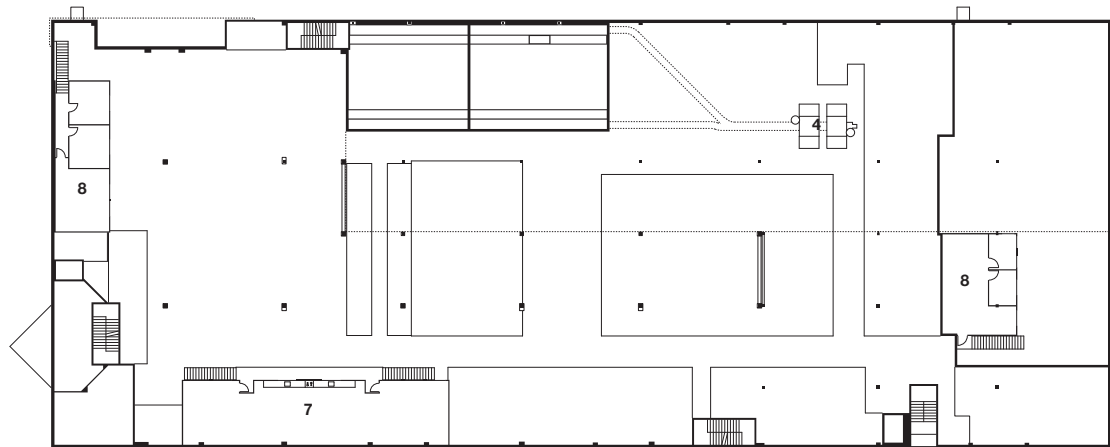
The needs of this expanding metal assay testing laboratory were strongly driven by infrastructure and major equipment. Dust collectors, lead furnaces, and deionized water systems became the dominant spatial actors both in and out of the building.

The project, which entailed shell upgrades and a comprehensive renovation, thus became a process of coordinating systems of all kinds, throughout design and construction phases.

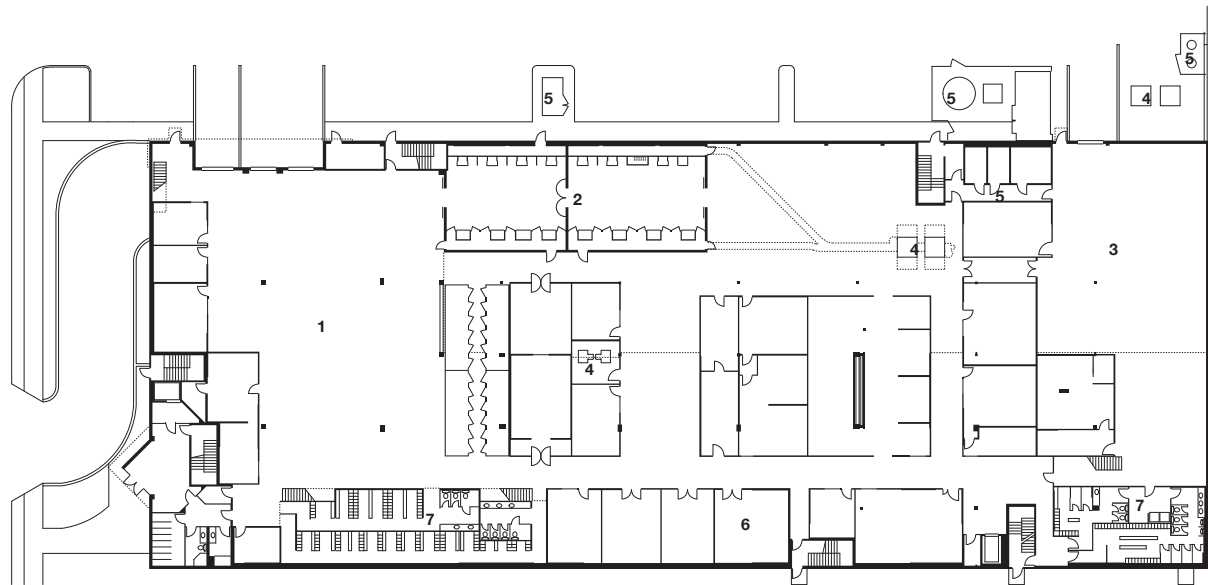
TPOLOGY
LABORATORY
LOCATION
VANCOUVER, BC, CANADA
SIZE
7,500 m²
TEAM
DIMAS CRAVEIRO, TIM KINDRAT
ARCHITECT
DIMAS CRAVEIRO ARCHITECT
YEAR
2011-2013



SECOND FLOOR PLAN



MEZZANINE PLAN



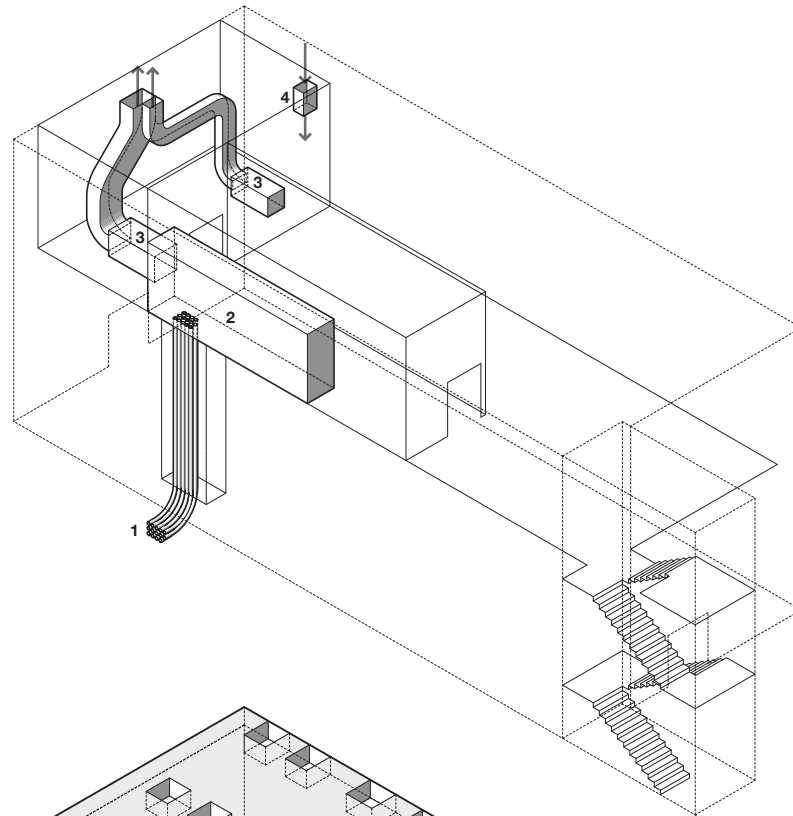
GROUND FLOOR PLAN

- 9 LABORATORY
- 8 OFFICES
- 7 PERSONNEL
- 6 BUILDING SERVICES
- 5 GASES
- 4 DUST COLLECTORS
- 3 FIRE ASSAY
- 2 CRUSHING & PULVERIZING
- 1 RECEIVING



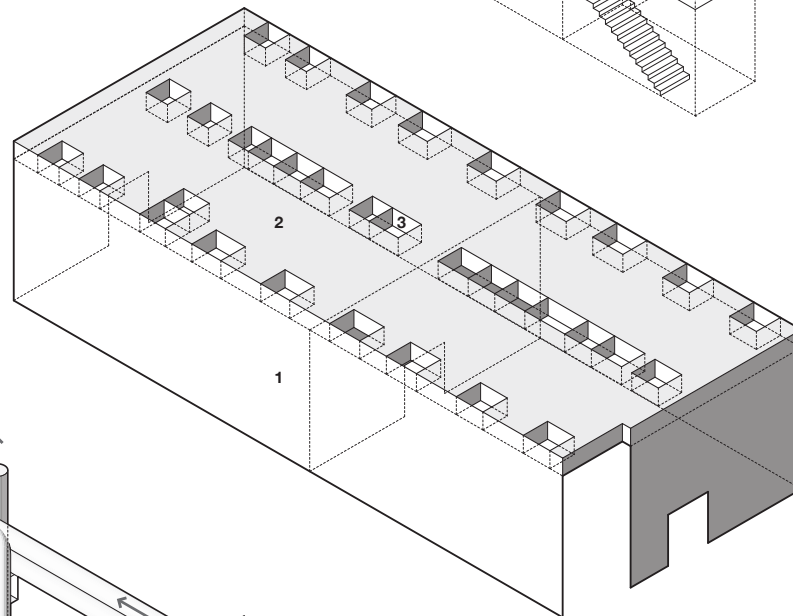
ELECTRICAL SYSTEM

- SERVICE DUCTS 1
- SWITCHBOARD 2
- GENERATORS 3
- GENERATOR EXHAUST 4
- AIR INLET 5



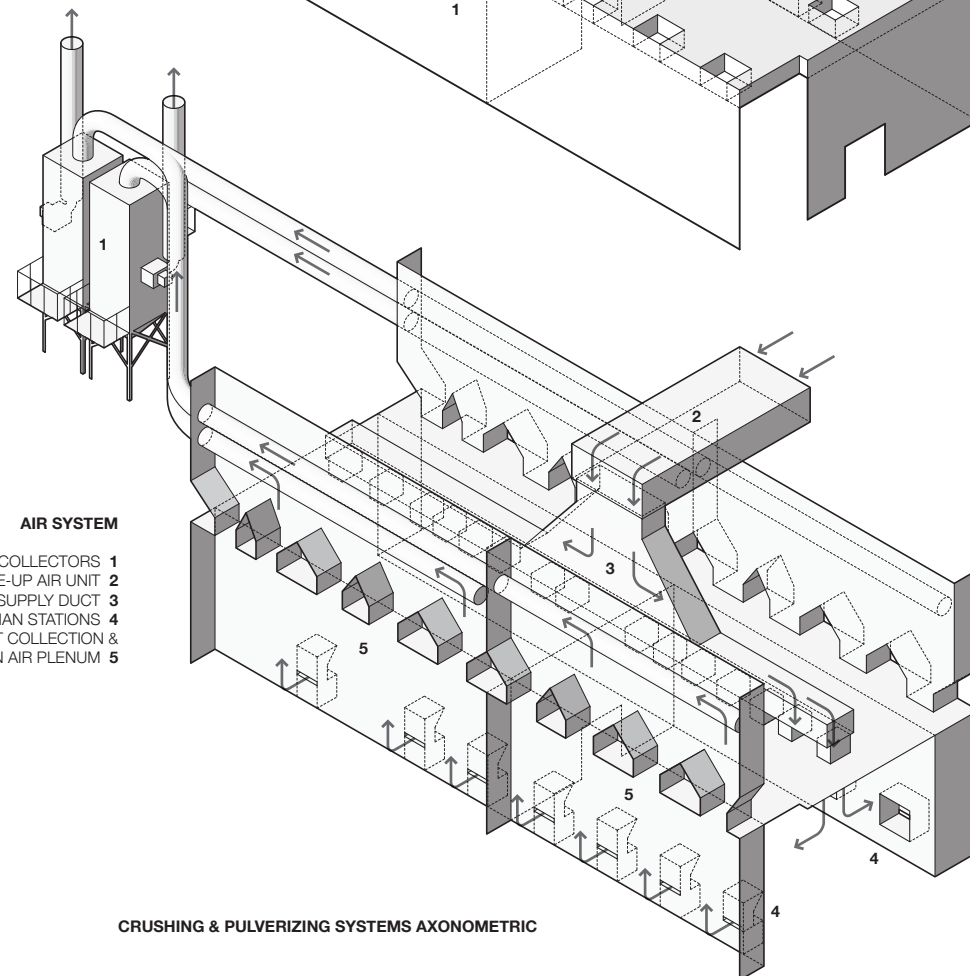
STRUCTURAL SYSTEM

- LOAD-BEARING WALLS 1
- FLOOR DIAPHRAGM 2
- RATED FLOOR OPENINGS 3



AIR SYSTEM

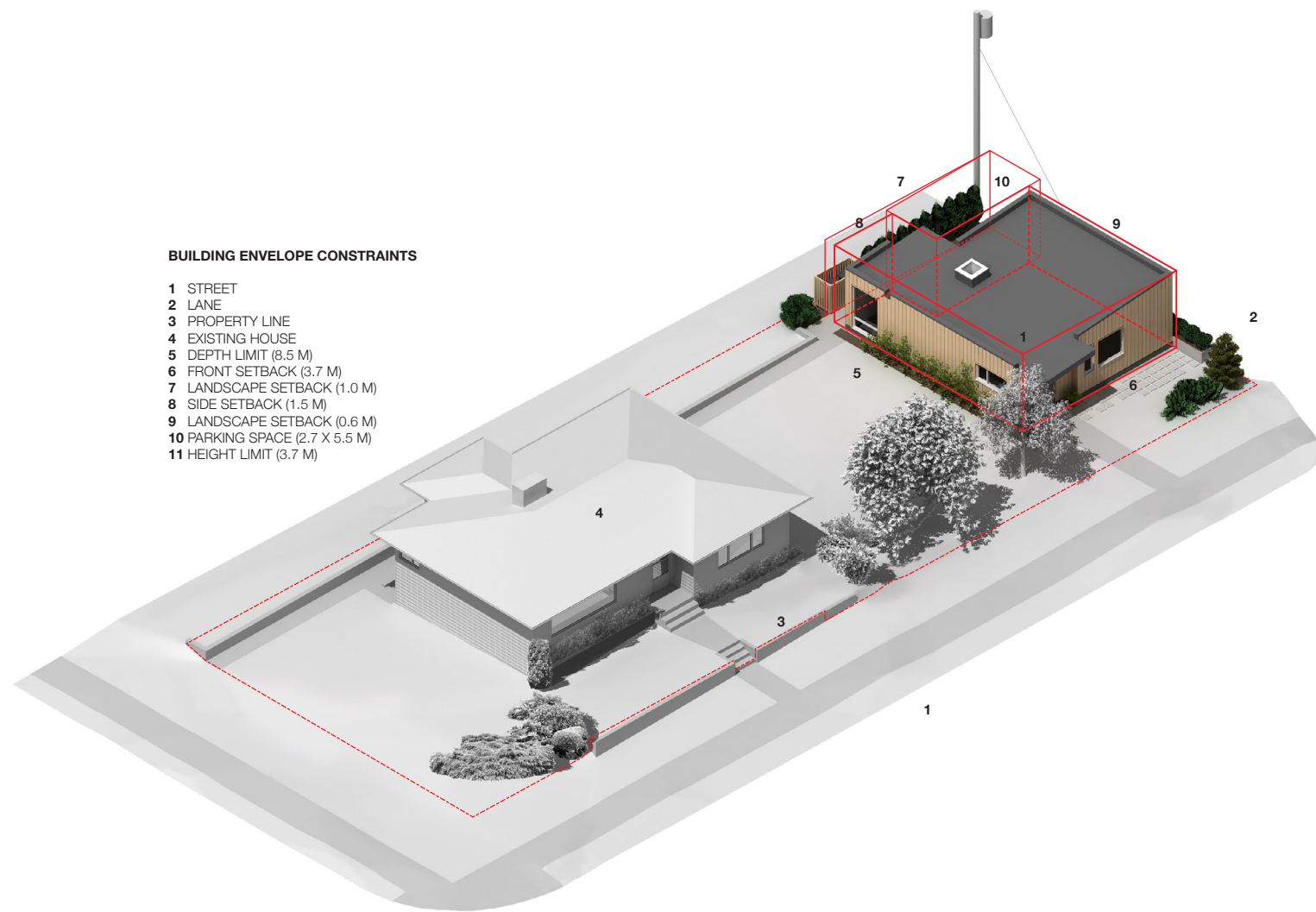
- DUST COLLECTORS 1
- MAKE-UP AIR UNIT 2
- AIR SUPPLY DUCT 3
- TECHNICIAN STATIONS 4
- DUST COLLECTION & RETURN AIR PLENUM 5



CRUSHING & PULVERIZING SYSTEMS AXONOMETRIC



GROUND FLOOR LEVEL CORRIDOR



BUILDING ENVELOPE CONSTRAINTS

- 1 STREET
- 2 LANE
- 3 PROPERTY LINE
- 4 EXISTING HOUSE
- 5 DEPTH LIMIT (8.5 M)
- 6 FRONT SETBACK (3.7 M)
- 7 LANDSCAPE SETBACK (1.0 M)
- 8 SIDE SETBACK (1.5 M)
- 9 LANDSCAPE SETBACK (0.6 M)
- 10 PARKING SPACE (2.7 X 5.5 M)
- 11 HEIGHT LIMIT (3.7 M)

Section 11

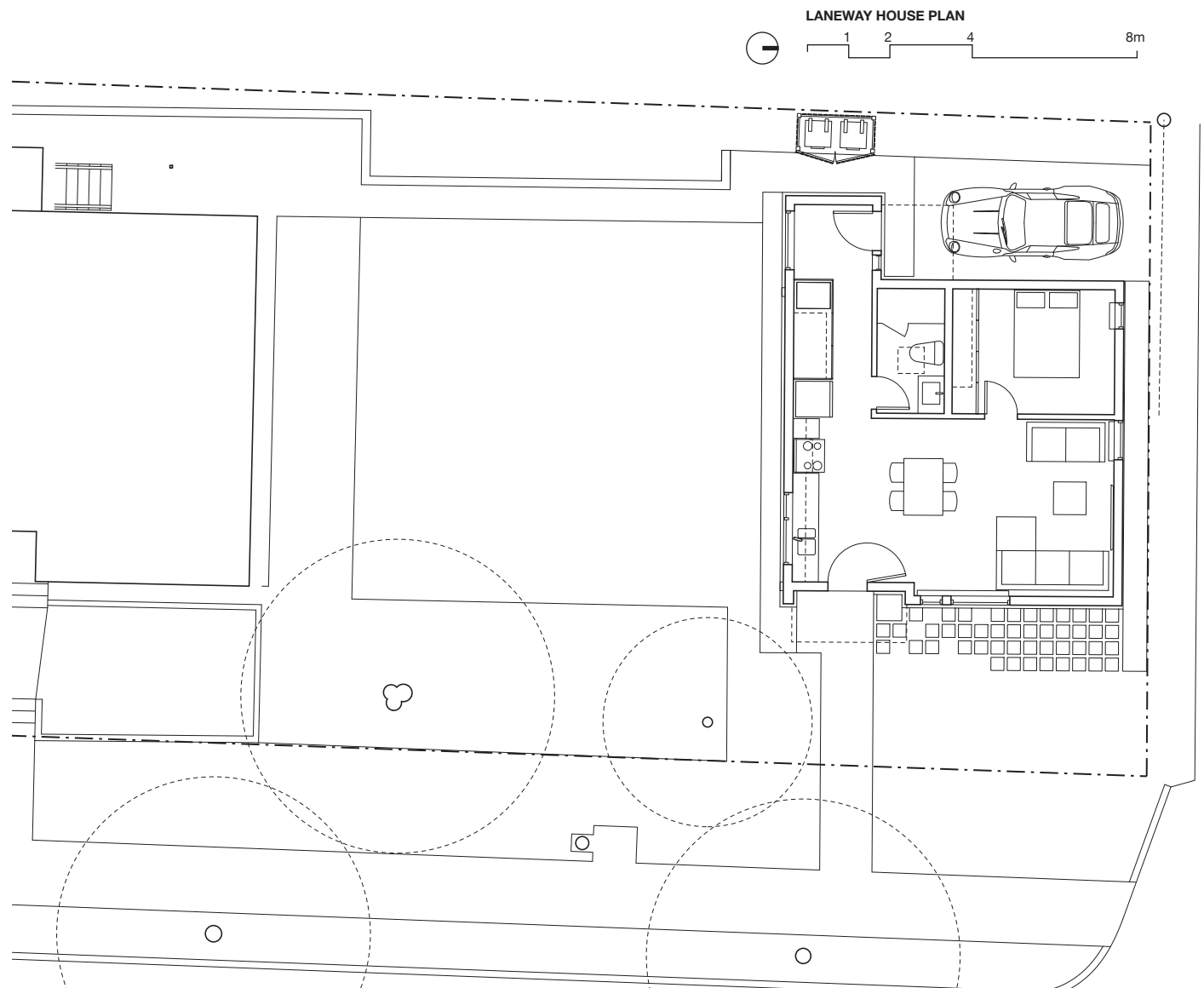
In 2009, as part of an initiative to increase density in single family residential neighbourhoods, Section 11 of Vancouver's Building By-Law was revised to allow the construction of small, separate houses facing the lanes. However, the new housing type is severely constrained by limitations on its size and location, limitations which derive from existing rules governing garages.

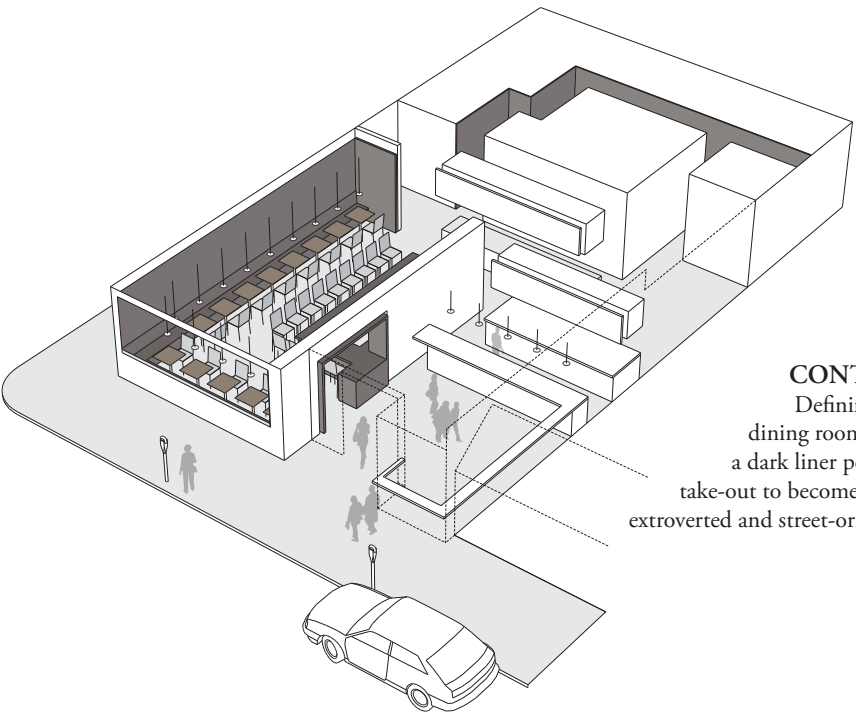
The central challenge was to devise a livable and spacious house within the regulatory constraints. A shallow shed roof allows for generous skylights along the north side. The compact kitchen, major appliances, and storage are clustered along the south face under the lowest portion of the sloping ceiling. At both entry doors, the roof extends as canopies to enhance the arrival sequence, while taking advantage of By-Law floor area exemptions.

TPOLOGY
LANEWAY INFILL HOUSING
LOCATION
VANCOUVER, BC, CANADA
AREA
63.33 m²
TEAM
CRAIG BURNS, TIM KINDRAT
ARCHITECT
PRINCIPLE ARCHITECTURE INC.
YEAR
2012-2013



SECTION PERSPECTIVE

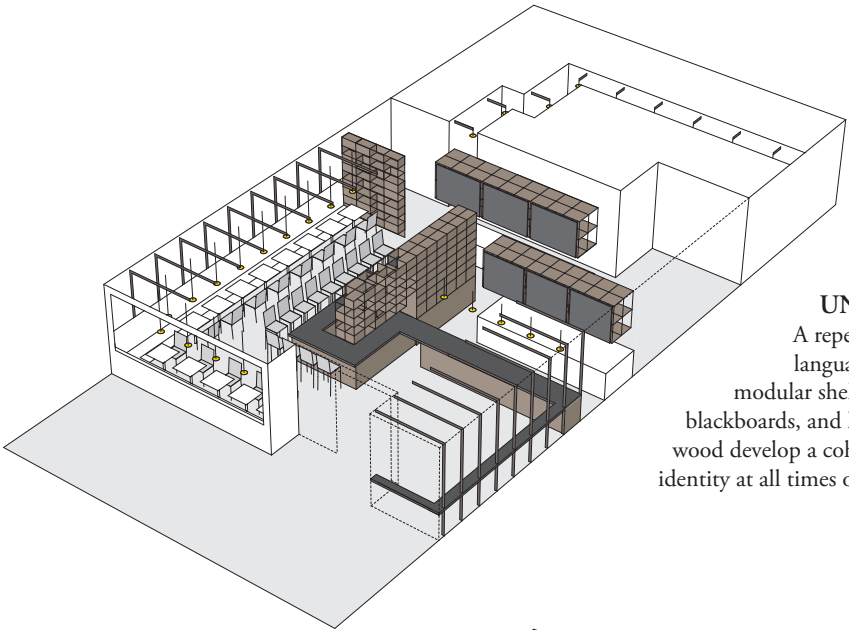




CONTAIN
Defining the dining room with a dark liner permits take-out to become more extroverted and street-oriented



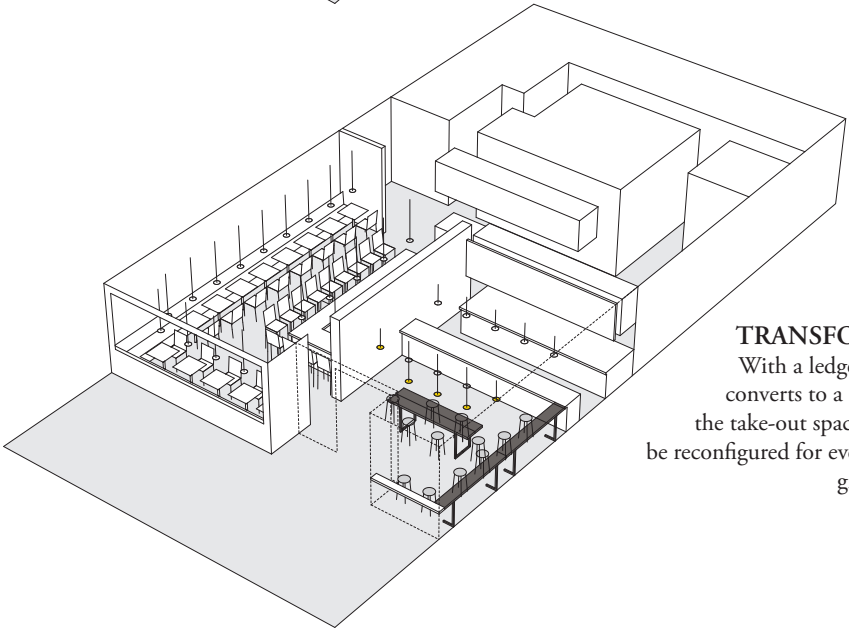
SIDEWALK APPROACH TO TAKE-OUT SIDE



UNIFY
A repeating language of modular shelving, blackboards, and linear wood develop a cohesive identity at all times of day



MODULAR SHELVING SYSTEM



TRANSFORM
With a ledge that converts to a table, the take-out space can be reconfigured for evening groups



CONVERSION TO LOUNGE

Yes, And...

When pursued in isolation from one another, design by “options” can be an obstacle to better design. The result is often too many solutions and too few ideas, only one of which can become built reality.

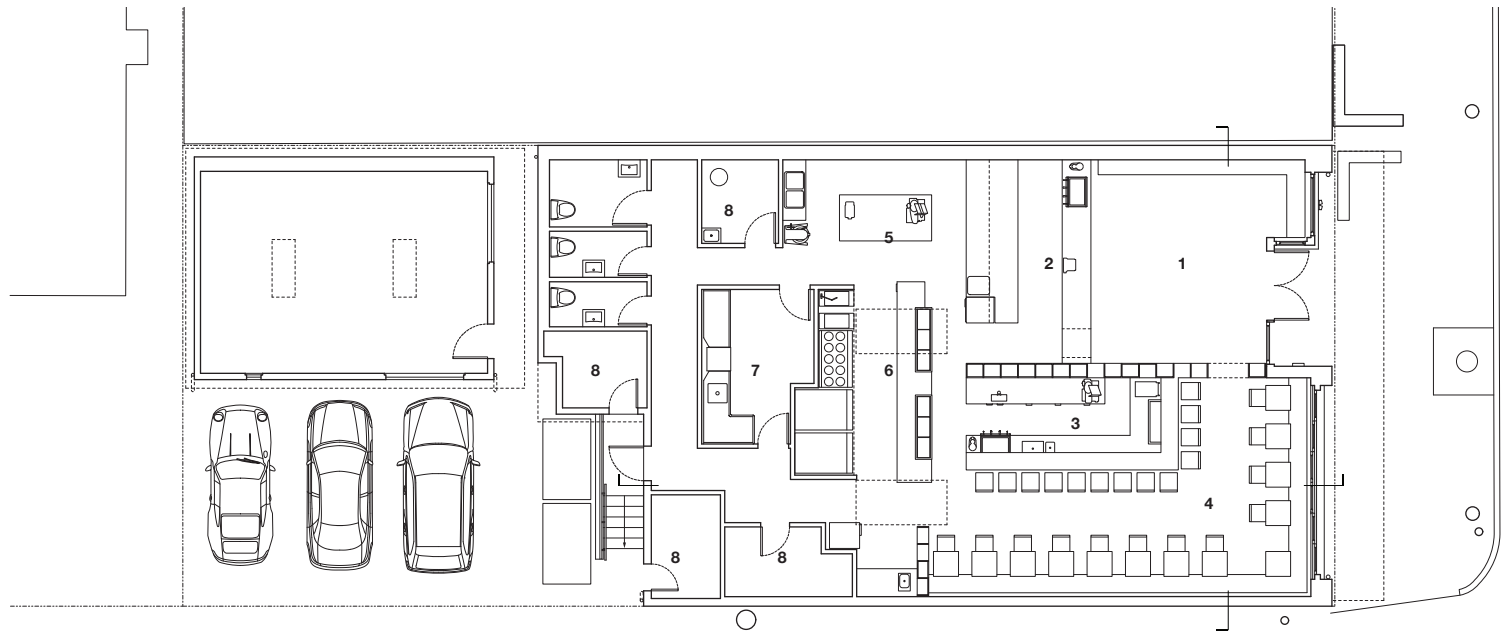
To initiate a discussion with the client about project goals and sensibilities, the design process began from the premise that several complementary strategies could be simultaneously layered into the project.

The salient feature of the restaurant is an inherent duality, as it comprises both a seated dining room with bar and an informal take-out space. The triad of strategies that were developed each respond to this split identity differently, by containing, uniting or transforming the space to support and enhance the twin environments.



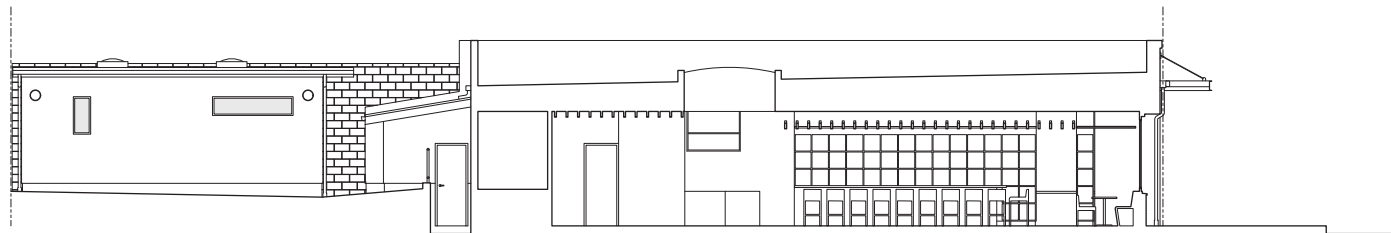
LOCATION PLAN

TPOLOGY
RESTAURANT INTERIOR
LOCATION
VANCOUVER, BC, CANADA
AREA
282 m²
TEAM
CRAIG BURNS, DANIEL IRVINE, TIM KINDRAT
ARCHITECT
PRINCIPLE ARCHITECTURE INC.
YEAR
2013

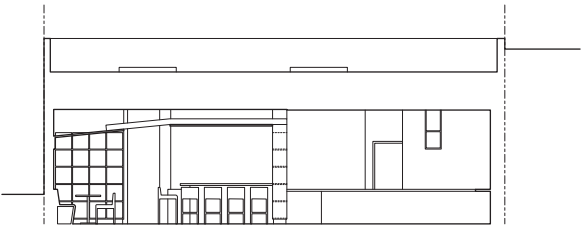


GROUND FLOOR PLAN

1 ENTRY
2 TAKE-AWAY COUNTER
3 BAR
4 RESTAURANT SEATING
5 PREPARATION
6 KITCHEN / OVENS
7 DISHES
8 SERVICE / STORAGE



SECTION (FACING NORTH)



SECTION (FACING WEST)