LES SYSTÈMES DE FENESTRATION

André Perrotte
SAUCIER+PERROTTE ARCHITECTES

SAUCIER + PERROTTE ARCHITECTES AWARDS

92 **Wallpaper* Magazine Design Award** 2013_Best Lab_UBC Pharma Sciences
91 AICQ Structural Design Award 2013_John Abbott College Anne-Marie Edward Science and Health Technologies Building
90 **Architizer A+ Award Pop Winner** 2013_UBC Pharma Sciences
89 **OAA Best in Show** 2013_UBC Pharma Sciences / CDRD
88 OAA Award Of Design Excellence 2013_UBC Pharma Sciences
87 NWCB 2013 Outstanding Project_UBC Pharma Sciences
86 ACEC British Columbia Awards for Engineering Excellence 2013_UBC Pharma Sciences / CDRD
85 Competition winning entry_Centre de soccer intérieur au CESM
84 PiA Award Citation 2012 par by Architecture Magazine_Rock House D
83 Prix Intérieurs FERDIE 2011_Commecial Spaces_Michel Brisson
82 Canadian Architect Award of Excellence 2011_UBC Pharma Sciences
81 AZ Award 2011_Best Commercial Space_Scandinave Les Bains V-M
80 AZ Award 2011_Best Competition Scheme_MNBAQ
79 OAA Award Of Excellence 2011_Scandinave Les Bains V-M
78 OAQ Award of Excellence for Architecture 2011_Scandinave Les Bains V-M
77 OAQ Award of Excellence for Architecture 2011_Michel Brisson
76 **WAN 2011_World Architecture News 21 for 21 Highly Commended Accolade for Saucier + Perrotte architectes**
75 Competition winning entry_Complexe Sportif St-Laurent, Montreal
74 **International Architecture Award 2010** presented by the Chicago Athenaeum_Scandinave Les Bains Vieux Montréal
73 **Governor General Medal in Architecture 2010**_Scandinave Les Bains Vieux Montréal
72 **Governor General Medal in Architecture 2010**_Private Residence
71 Prix Intérieurs FERDIE 2010_Espace Commecial_Boutique Dubuc
70 BILD Award 2010_Best Building Design - High Rise_River City
69 **Best Architectural Firm in Canada_2009 RAIC Award of Excellence**
68 Prix Intérieurs FERDIE 2009_Projet de l'année_Scandinave V-M
67 Prix Intérieurs FERDIE 2009_Prix Spa_Scandinave V-M
66 Award of Merit from Canadian Architect 2009_John Abbott College Anne-Marie Edward Science and Health Technologies Building
65 Design Exchange (DX) Award 2009_Interior Design Category_Scandinave Les Bains Vieux Montreal
64 OAQ Prix d'excellence en aménagement intérieur 2009_Bureaux Saucier + Perrotte architectes
63 **International Architecture Award 2008** presented by the Chicago Athenaeum_Perimeter Institute
62 **Prix Intérieurs Ferdie 2008_Award of Homage for Saucier + Perrotte architectes**
61 Prix Intérieurs FERDIE 2008_Saucier + Perrotte Office
60 Prix Intérieurs FERDIE 2008_Commecial Spaces_Michel Brisson
59 Prix Intérieurs FERDIE 2008_1973: Sorry, Out of Gas at the CCA
58 Grand Prix Créativité Montréal 2008 (all categories)_Michel Brisson
57 Grand Prix Créativité Montréal 2008 catégorie boutique 1500< sq.ft._Michel Brisson
56 Grand Prix Créativité Montréal 2008 catégorie bureau 10000< sq.ft._bureau Saucier+Perrotte
55 **Governor General Medal in Architecture 2008**_CCT Building
54 Canadian Architect Award of Excellence 2007_National Mountain Centre, Canmore, Alberta
53 Mississauga Urban Design Award of Excellence 2007_CCT Building
52 OAQ Prix d'excellence en architecture institutionelle 2007_CCT Building
51 OAA Award for Design Excellence 2007_CCT Building
50 Prix Intérieurs FERDIE 2007_Commecial Spaces_Boutique Dubuc
49 Prix Intérieurs FERDIE 2007_Lighting Award 2007_Boutique Dubuc
48 **Governor General Medal in Architecture 2006**_Perimeter Institute
47 Grand Prix Créativité Montréal 2006_Boutique Dubuc
46 ArchiZinc Award 2006 Paris_Perimeter Institute
45 AERMQ Award of Excellence 2006_Schulich School of Music, McGill
44 OAQ Prix d'excellence en architecture institutionelle 2005_Perimeter Institute for Theoretical Physics
43 Building Magazine 'Out of the Box Award 2005'_Perimeter Institute for Theoretical Physics, Waterloo
42 Building Magazine 'Out of the Box Award 2005'_Théâtre Sans Fil, Montreal, QC
41 First Prize Winner 2005_Bank Street Parliament Building, Ottawa
40 OAA Award of Excellence for Architecture 2005_Perimeter Institute
39 Canadian Architect Award of Excellence 2004_Residence
38 First Prize Winner 2004_CPAG Competition, Sherbrooke, Quebec
37 Best of Canada, Canadian Interiors Award 2003_Michel Brisson
36 OAQ Prix d'excellence en architecture 2003_First Nations Pavilion
35 Grand Prize, Montreal Commercial Design Competition 2003_Michel Brisson Store, Montreal
34 **Governor General Medal in Architecture 2002**_First Nations Exhibition Pavilion, Montreal
33 Canadian Architect Award of Excellence 2001_New College Residence, University of Toronto, Toronto
32 Architecture Magazine PA Award 2001, New York_Perimeter Institute
31 Grand Prix OAQ_Prix d'excellence 2000_Gérald-Godin College
30 OAQ Prix d'excellence en architecture 2000_Gérald-Godin College
29 Honourable Mention - OAQ Awards of Excellence 2000_Salon Orbite
28 Orange Prize - Renovation "Sauvons Montreal" 2000_Gérald-Godin
27 Canadian Architect Award of Excellence 2000_First Nations Pavilion
26 Canadian Architect Award of Excellence 1999_Gérald-Godin College
25 Canadian Architect Award of Excellence 1999_Montreal Pavilion, Shanghai
24 Grand Prize, Montreal Commercial Design Competition 1999_Orbite
23 **Governor General Medal of Merit in Architecture 999**_Cinémathèque Québécoise, Montreal
22 OAQ Prix d'excellence en architecture institutionelle 1998_Cinémathèque Québécoise, Montréal
21 Honourable Mention - OAQ Awards of Excellence in Residential Architecture 1998_Mercille Residence, Montreal
20 Grand Prize Winner, Canadian Interiors Awards 1998_Cinémathèque Québécoise, Montreal
19 **Governor General Award of Merit in Architecture 1997**_Usine C / Theatre Carbone 14, Montreal
18 OAQ Prix d'excellence en architecture institutionelle 1997_Usine C / Theatre Carbone 14, Montréal
17 Grand Prize, Montreal Commercial Design Competition 1997_Salon Eclectic, Montreal
16 Canadian Architect Award of Excellence 1995_Faculty of Design and Architecture, University of Montreal 15 Orange Prize - Renovation "Sauvons Montreal" 1995_Usine C / Theatre Carbone 14, Montreal
14 Honourable Mention - OAQ Awards of Excellence in Renovation-Restauration 1995_Usine C -Theatre Carbone 14, Montreal
13 Montreal Commercial Design Competition 1995_Hall and Façade Cossette Communication-Marketing, Montreal
12 Honourable Mention - OAQ Awards of Excellence in Architecture 1995, Hall and Façade Cossette Communication-Marketing
11 The Art of CAD First Prize 1995_Faculty of Design and Architecture, University of Montreal
10 Canadian Architect Honourable Mention 1995_Master Plan UQAM phase IV, Montreal
09 Canadian Architect Award of Excellence 1994_Faculty of Music, McGill University, Montreal
08 Gagant du concours, 1994_Faculty of design and Architecture, University of Montreal
07 First Prize Winner, 1993_Faubourg Québec Competition, Montreal
06 Grand Prize - OAQ Awards of Excellence 1991_Théâtre du Rideau Vert, Montreal
05 Canadian Architect Award of Excellence 1990_Théâtre d'Aujourd'hui,
04 Jury Honourable Mention 1990_Montreal Municipal Workshops Competition
03 Honourable Mention - OAQ Awards of Excellence, OAQ 1989_225 est rue Roy, Montreal
02 Orange Prize - Renovation "Sauvons Montreal", 1989_225 est rue Roy, Montreal
01 Projet d'Excellence AAQ 1989_Concours F.I.C.

NEXT PAGE:
COMMUNICATION, CULTURE AND TECHNOLOGY BUILDING
UNIVERSITY OF TORONTO AT MISSISSAUGA


SAUCIER+PERROTTE ARCHITECTES

Faculty of Pharmaceutical Sciences / Centre for Drug Research and Development / MBF

University of British Columbia _Vancouver

Saucier + Perrotte Architectes | Hughes Condon Marler Architects

2011.01.26

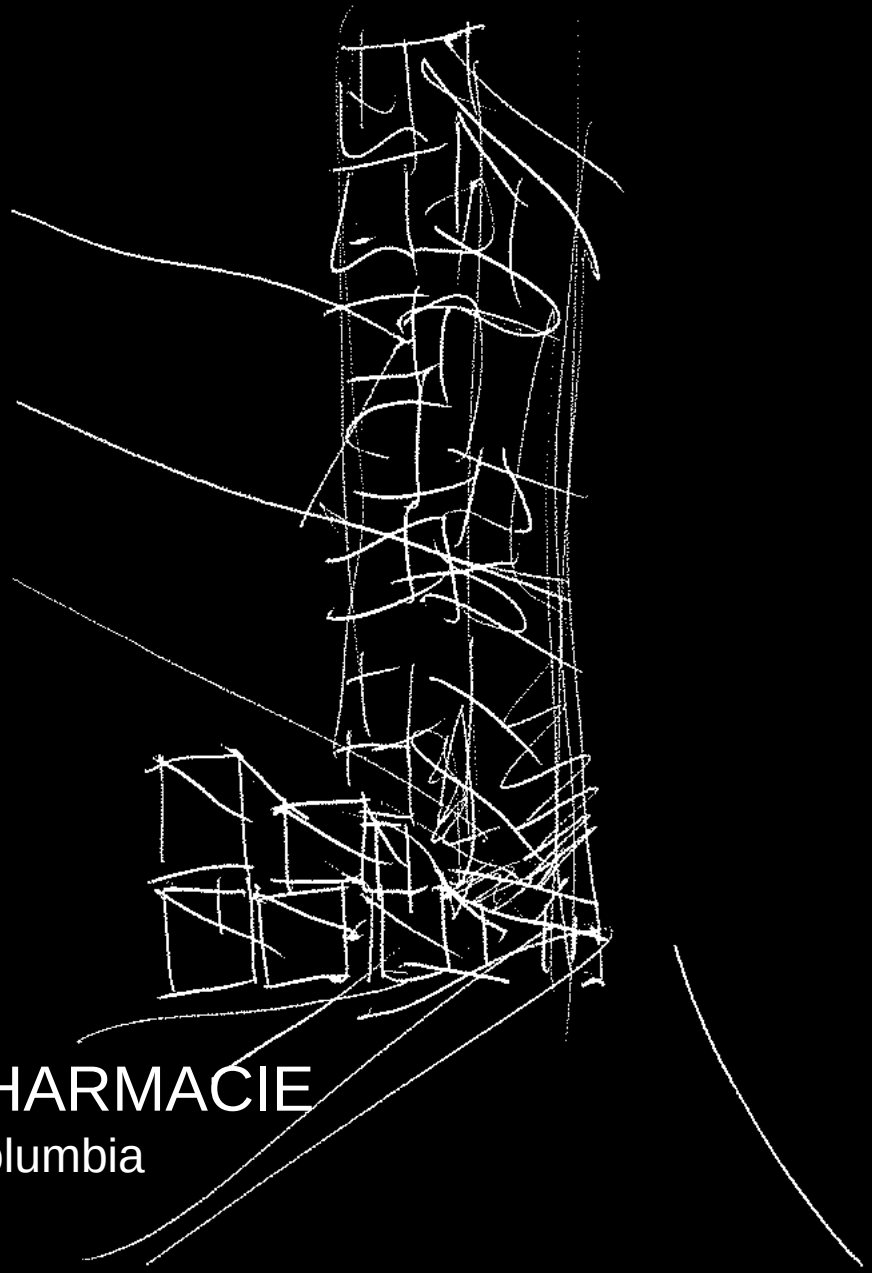
1 FACULTÉ DE PHARMACIE
University of British Columbia, Vancouver

2 RIVER CITY phases 1, 2 et 3
Urban Capital, Toronto

3 COMPLEXE DE SOCCER
au CESM, Montréal

4 ANNE-MARIE EDWARD SCIENCE BUILDING
Collège John-Abbott, Sainte-Anne-de-Bellevue

1



FACULTÉ DE PHARMACIE

University of British Columbia

Vancouver

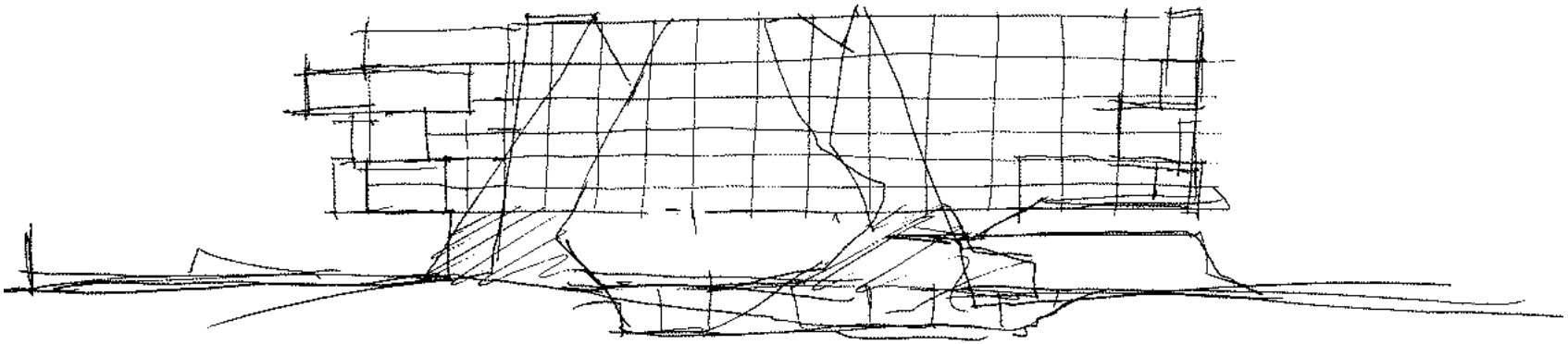

WESBROOK MALL
AGRONOMY RD.
THUNDERBIRD BLVD.
HEALTHSCIENCE MALL

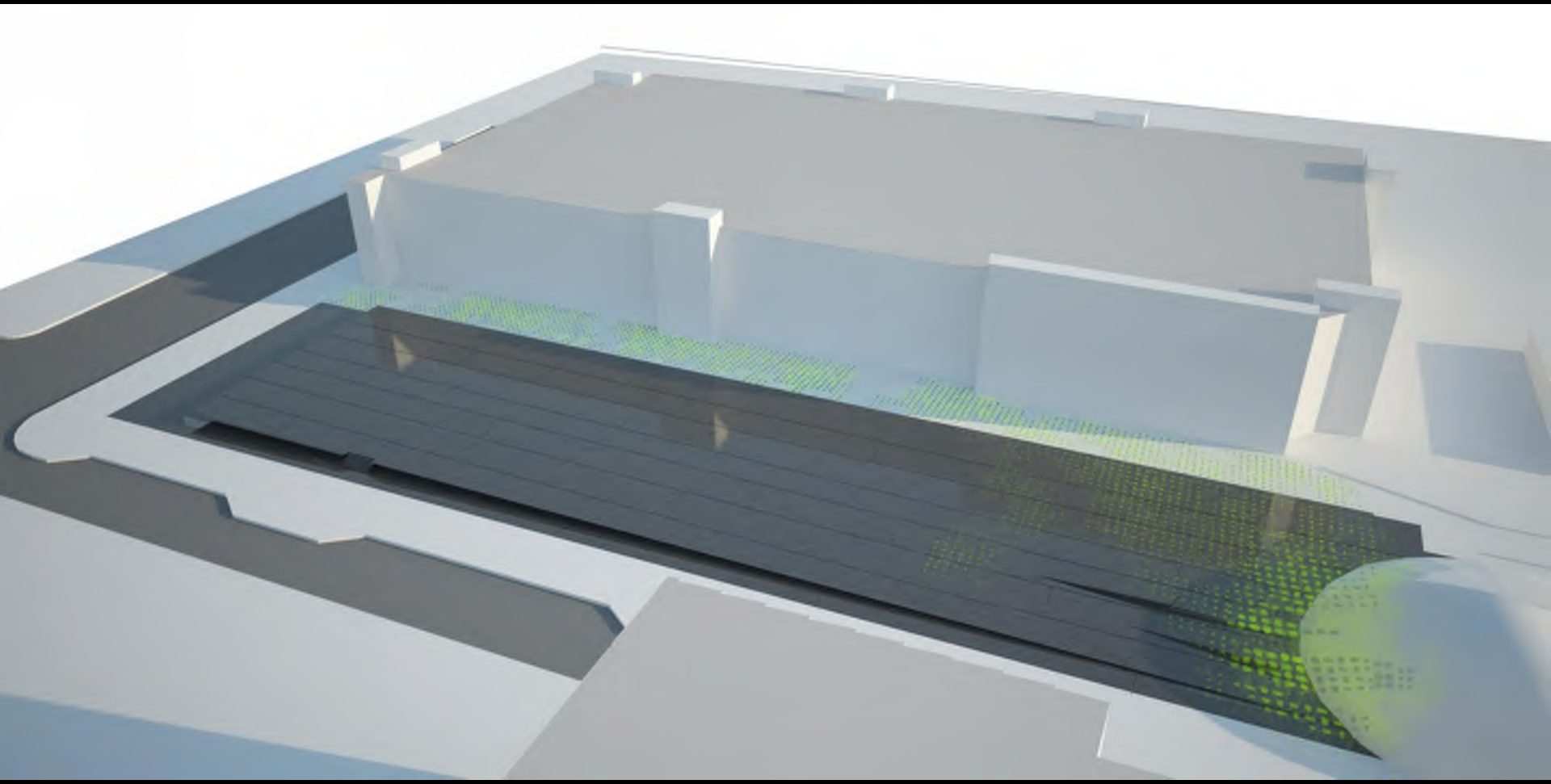
Faculty of Pharmaceutical Science / Centre for Drug Research and Development /
Conventional Small Animal Holding Facility

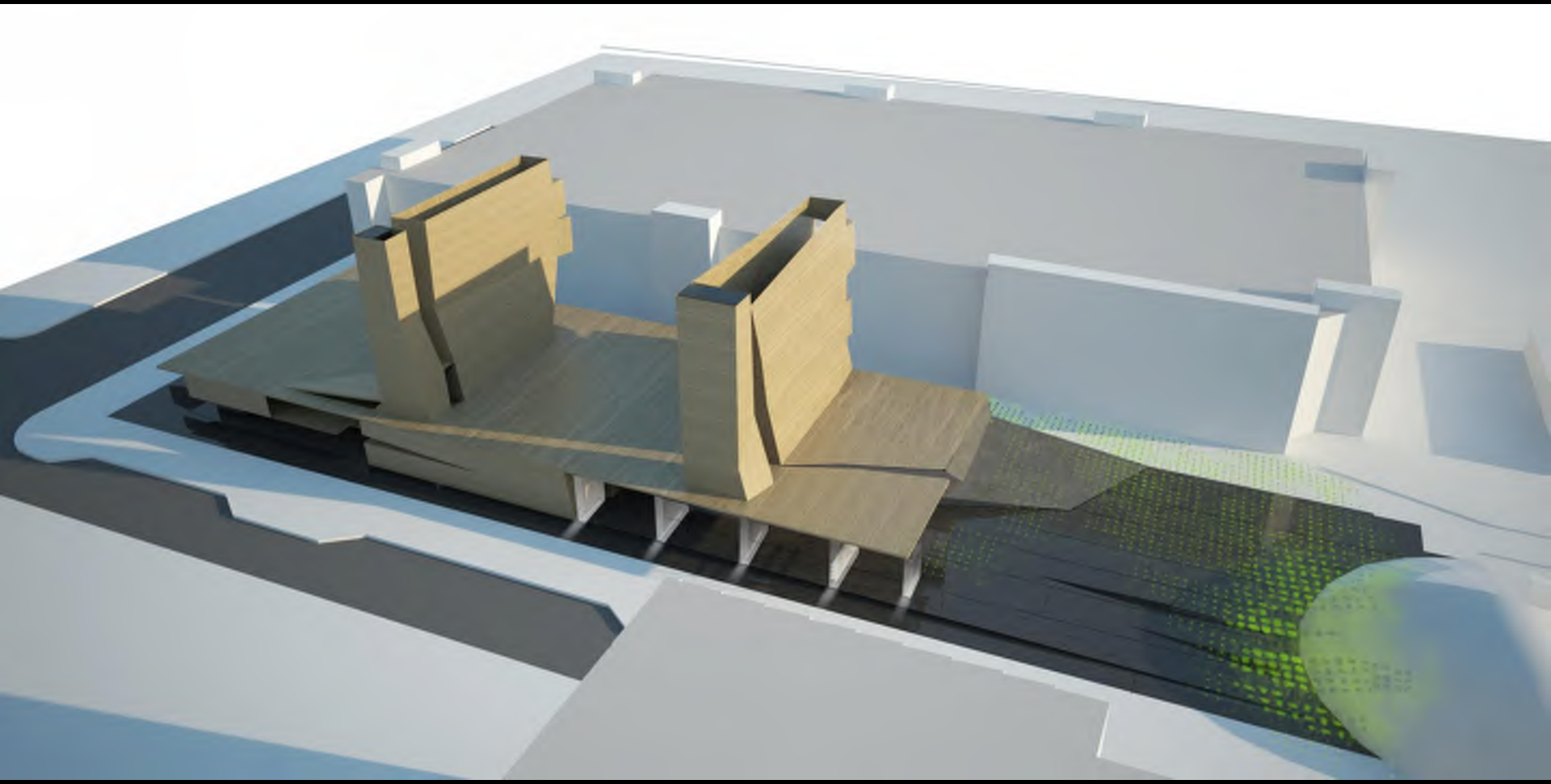
University of British Columbia _Vancouver

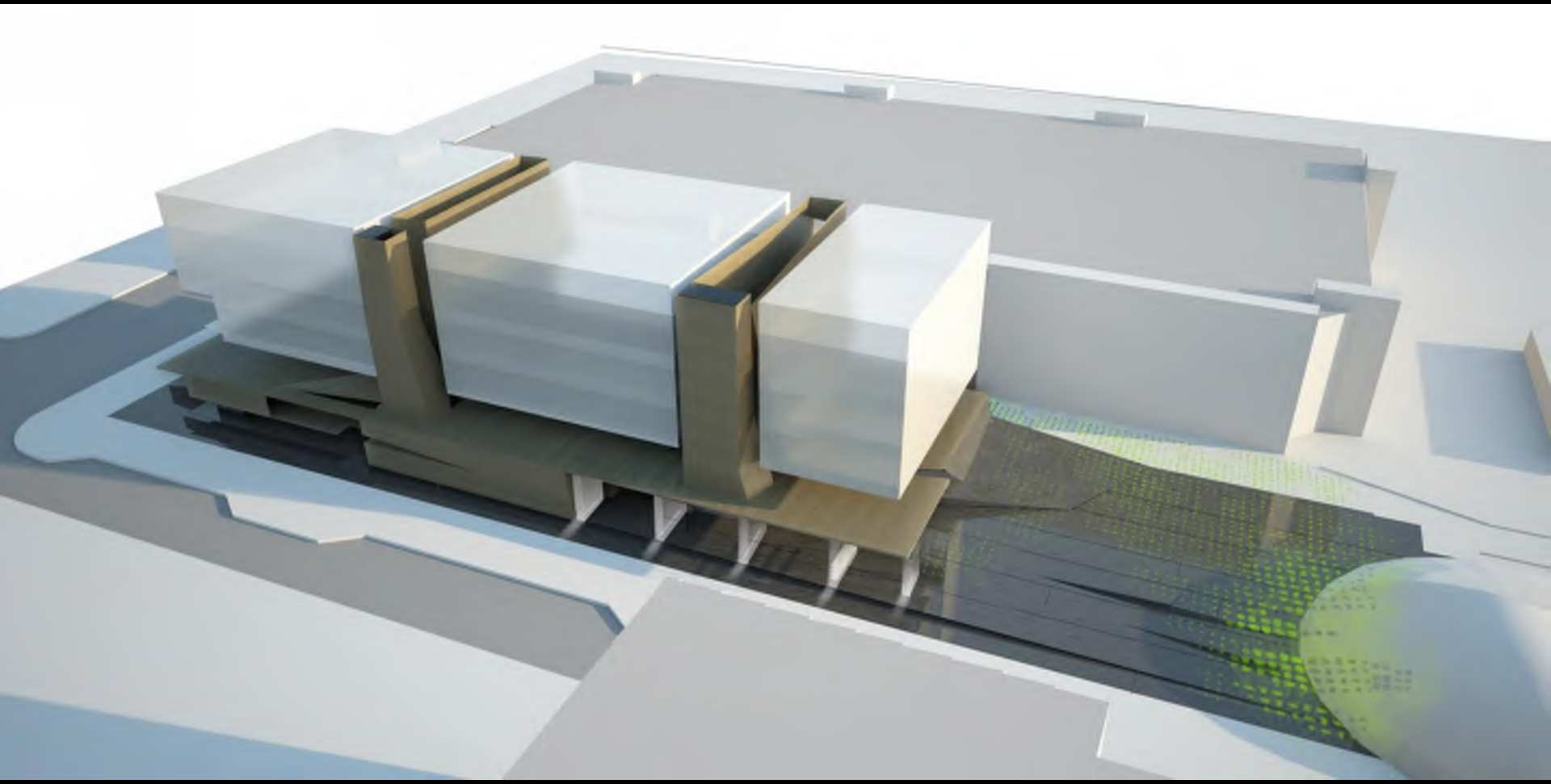
Saucier + Perrotte Architectes | Hughes Condon Marler Architects

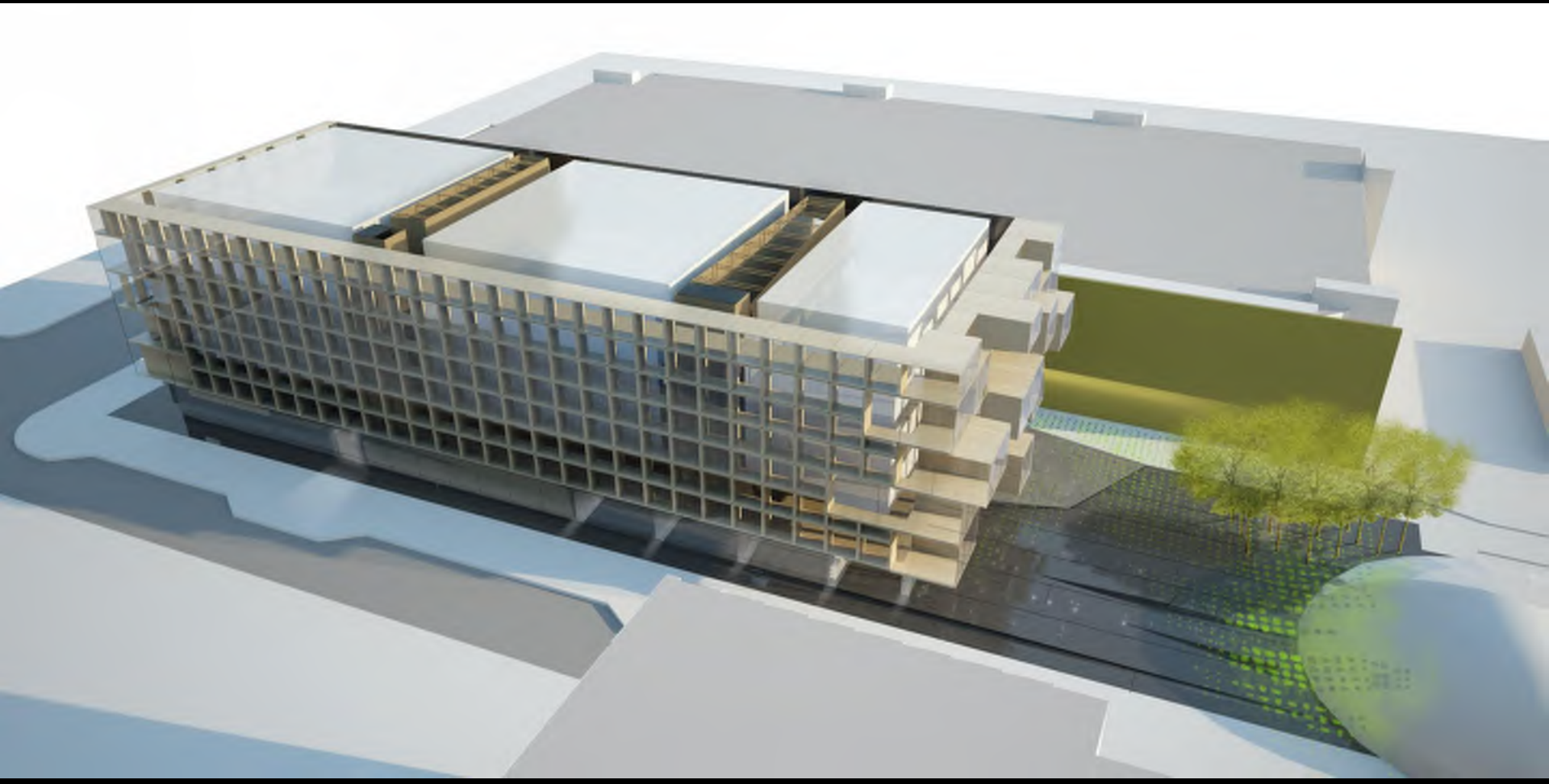
2010.02.04

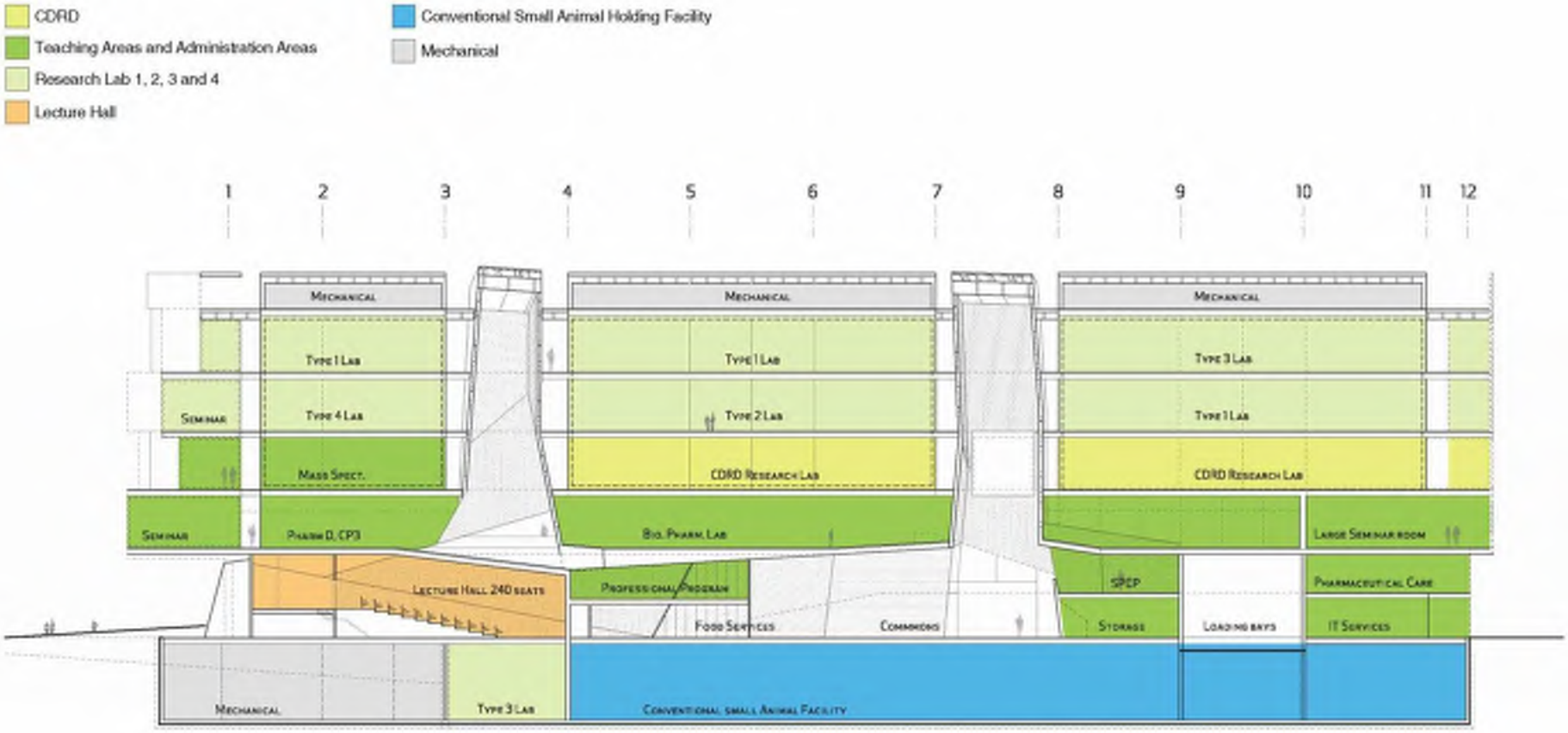






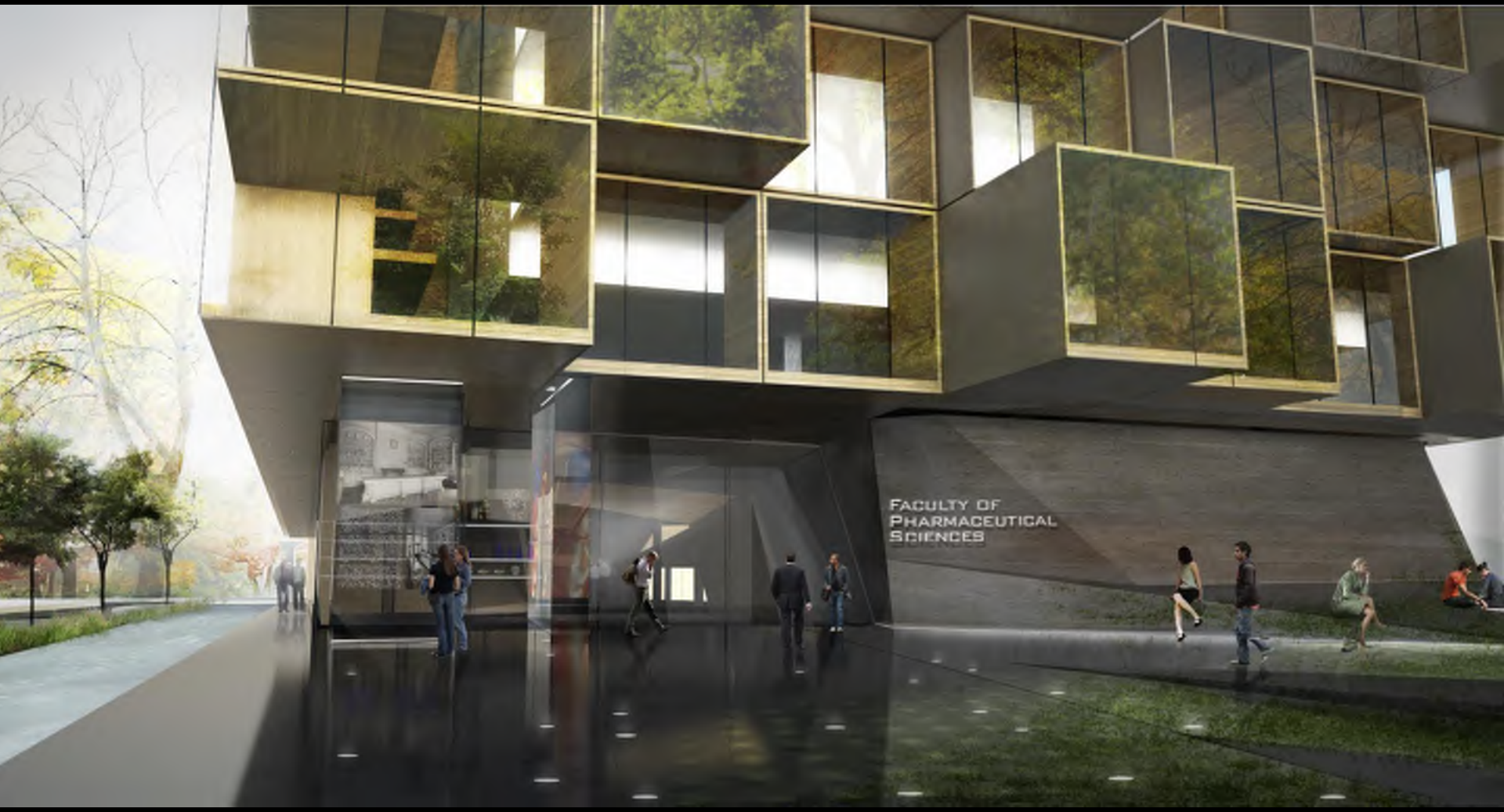


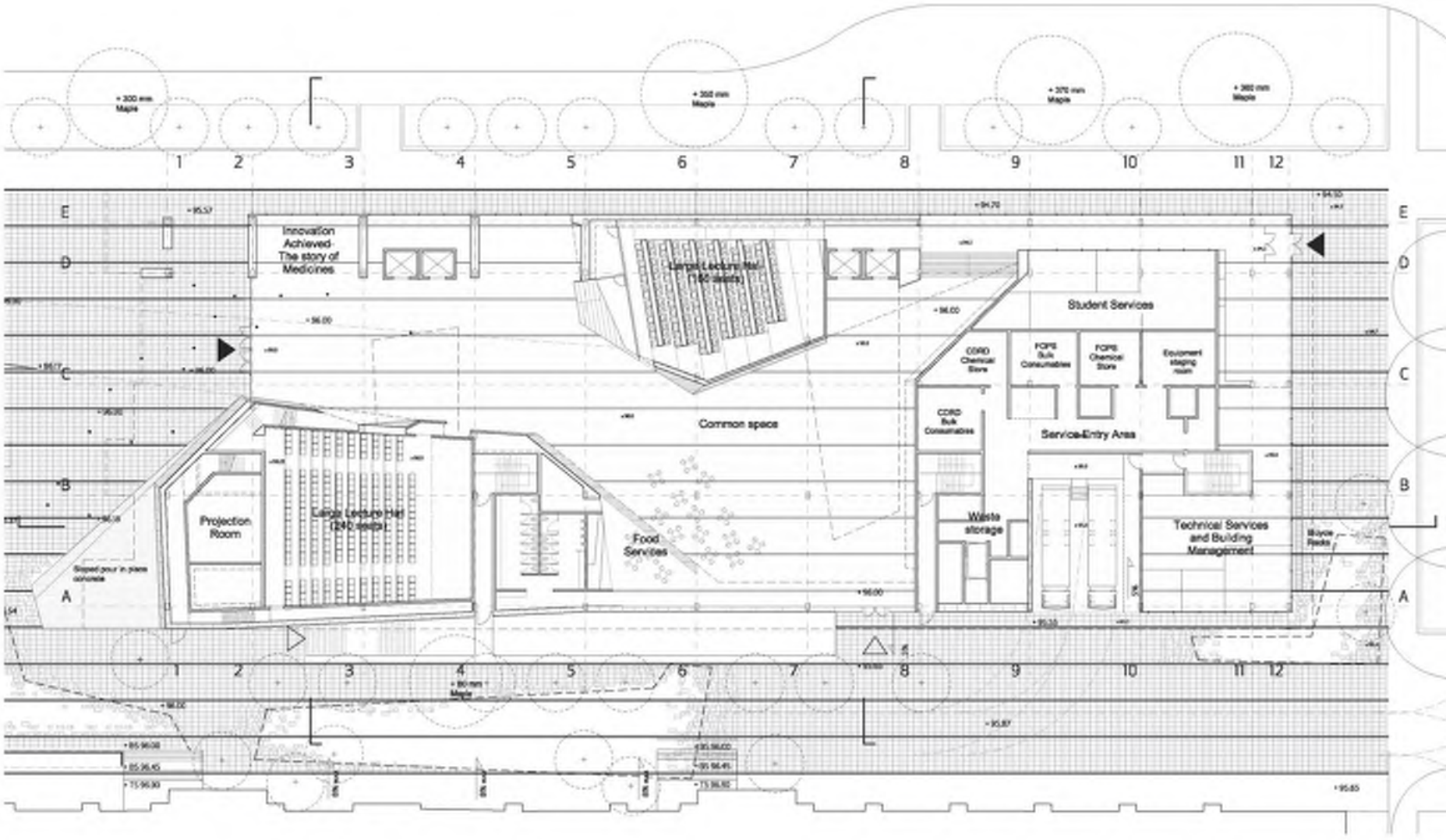


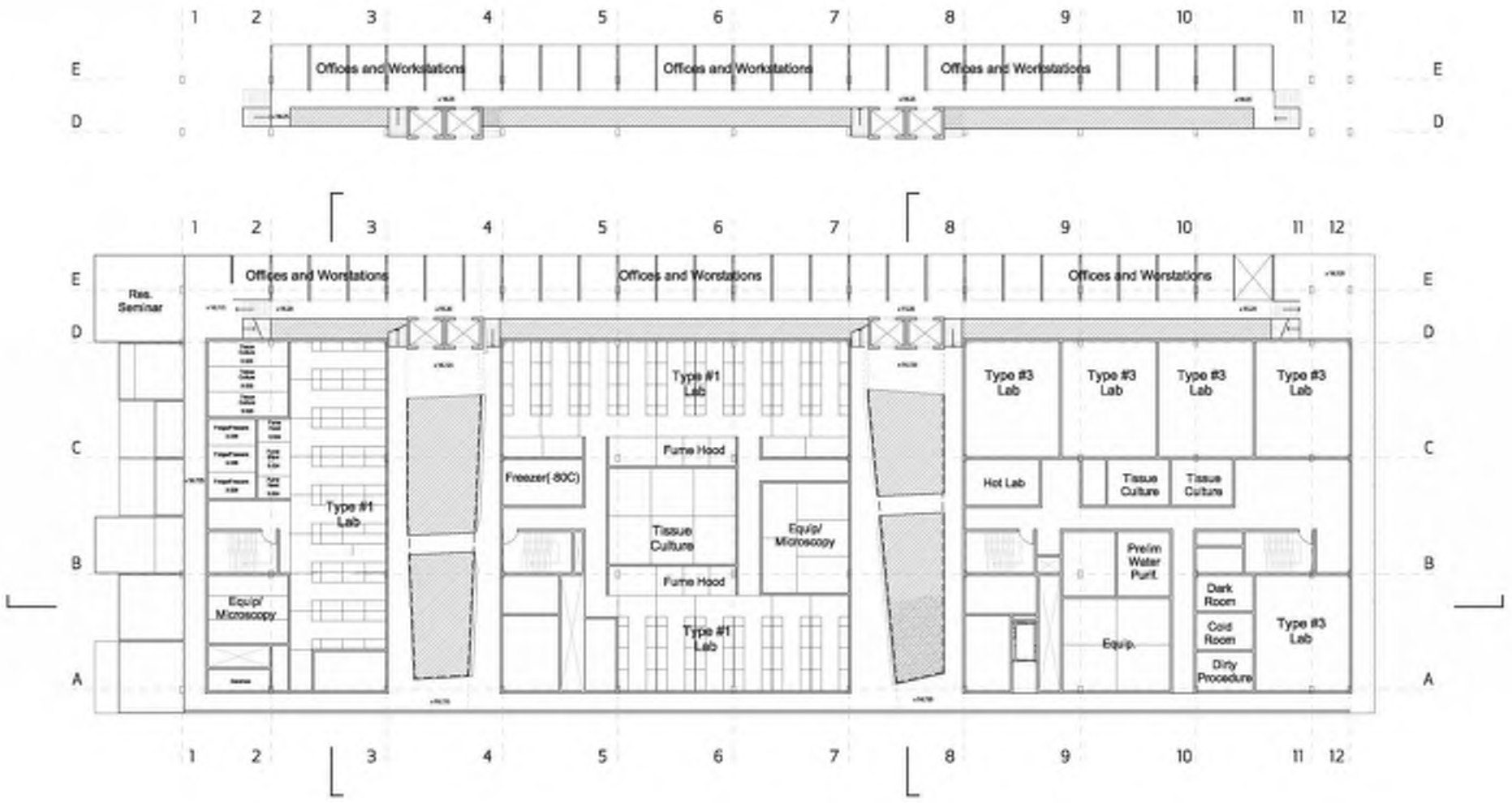

CDRD
Teaching Areas and Administration Areas
Research Lab 1, 2, 3 and 4
Lecture Hall
Conventional Small Animal Holding Facility
Mechanical
1
2
3
4
5
6
7
8
9
10
11
12
Mechanical
Type I Lab
Seminar
Type 4 Lab
Mass Spect.
Seminar
Pharm D, CP3
Lecture Hall 240 seats
Mechanical
Type 3 Lab
Mechanical
Type I Lab
Type 2 Lab
CDRD Research Lab
Bio. Pharm. Lab
Professional Program
Food Services
Commons
Conventional small Animal Facility
Mechanical
Type 3 Lab
Type I Lab
CDRD Research Lab
SPEP
Storage
Loading bays
Large Seminar room
Pharmaceutical Care
IT Services

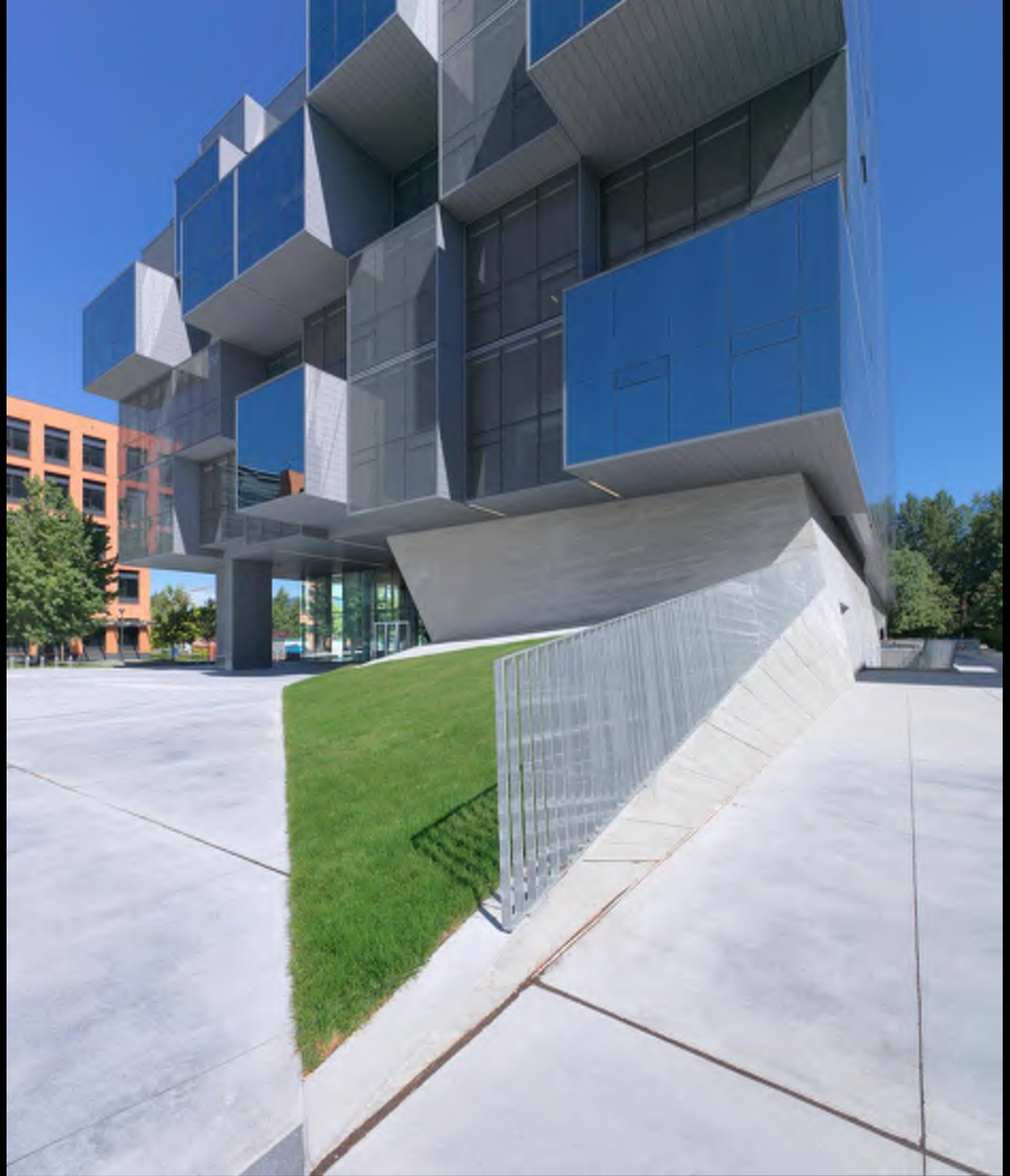

cdrd


FACULTY OF
PHARMACEUTICAL
SCIENCES

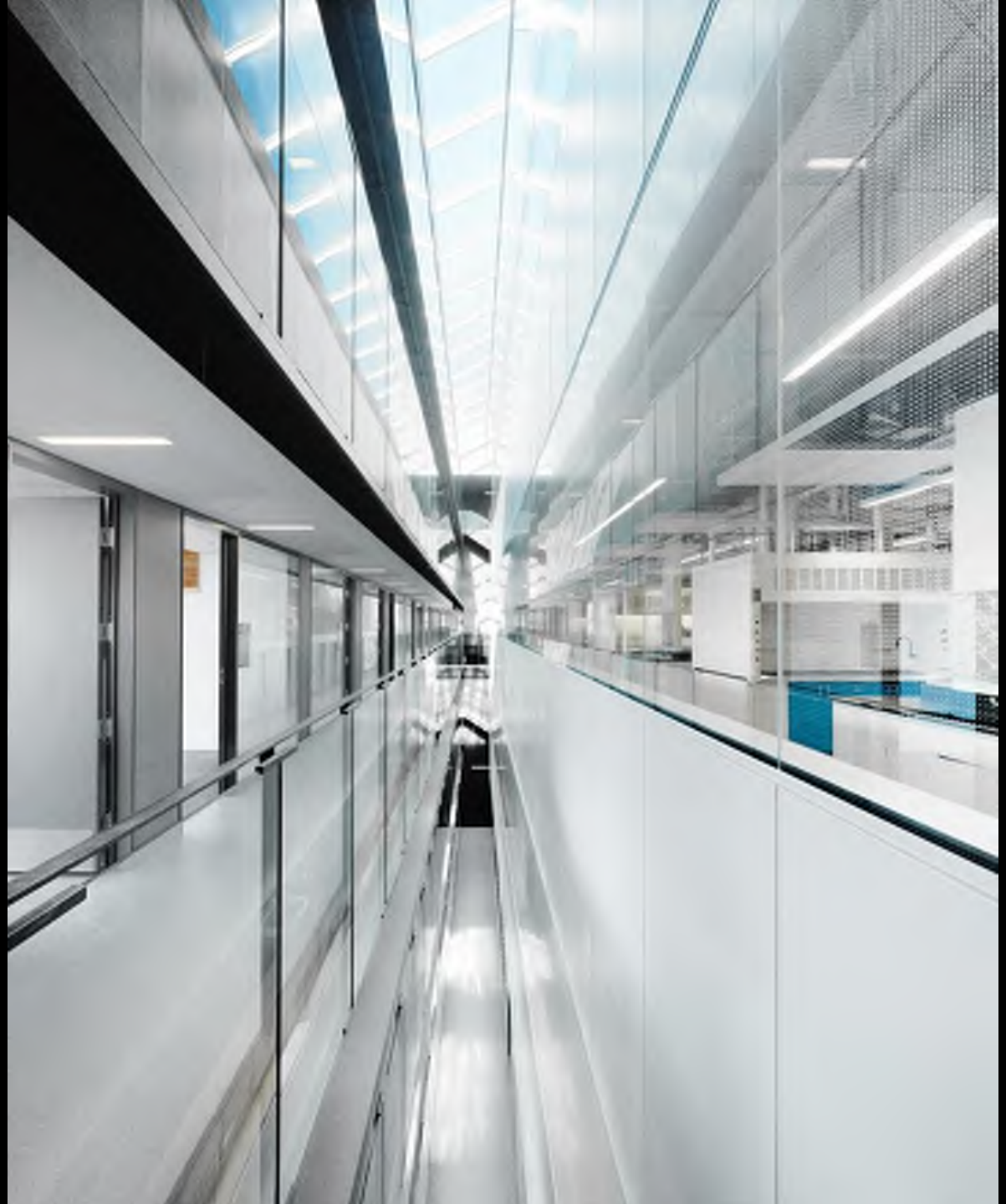

FACULTY OF
PHARMACEUTICAL
SCIENCES

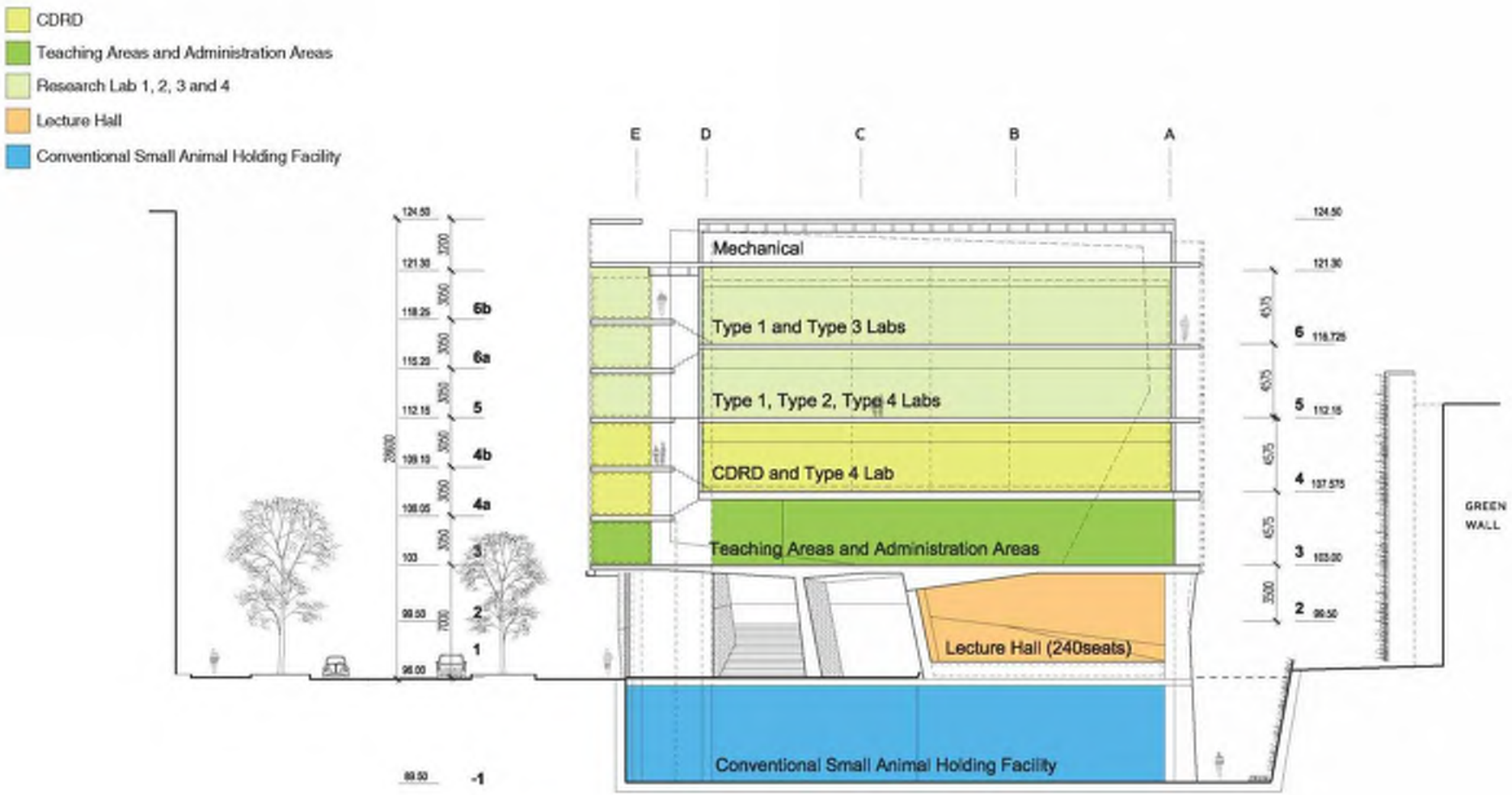

Innovation Achieved The story of Medicines
Large Lecture Hall (160 seats)
Student Services
CDRD Chemical Store
FCPS Bulk Consumables
FCPS Chemical Store
Equipment staging room
CDRD Bulk Consumables
Common space
Service Entry Area
Projection Room
Large Lecture Hall (240 seats)
Food Services
Waste storage
Technical Services and Building Management
Bicycle Racks
Sloped pour in place concrete

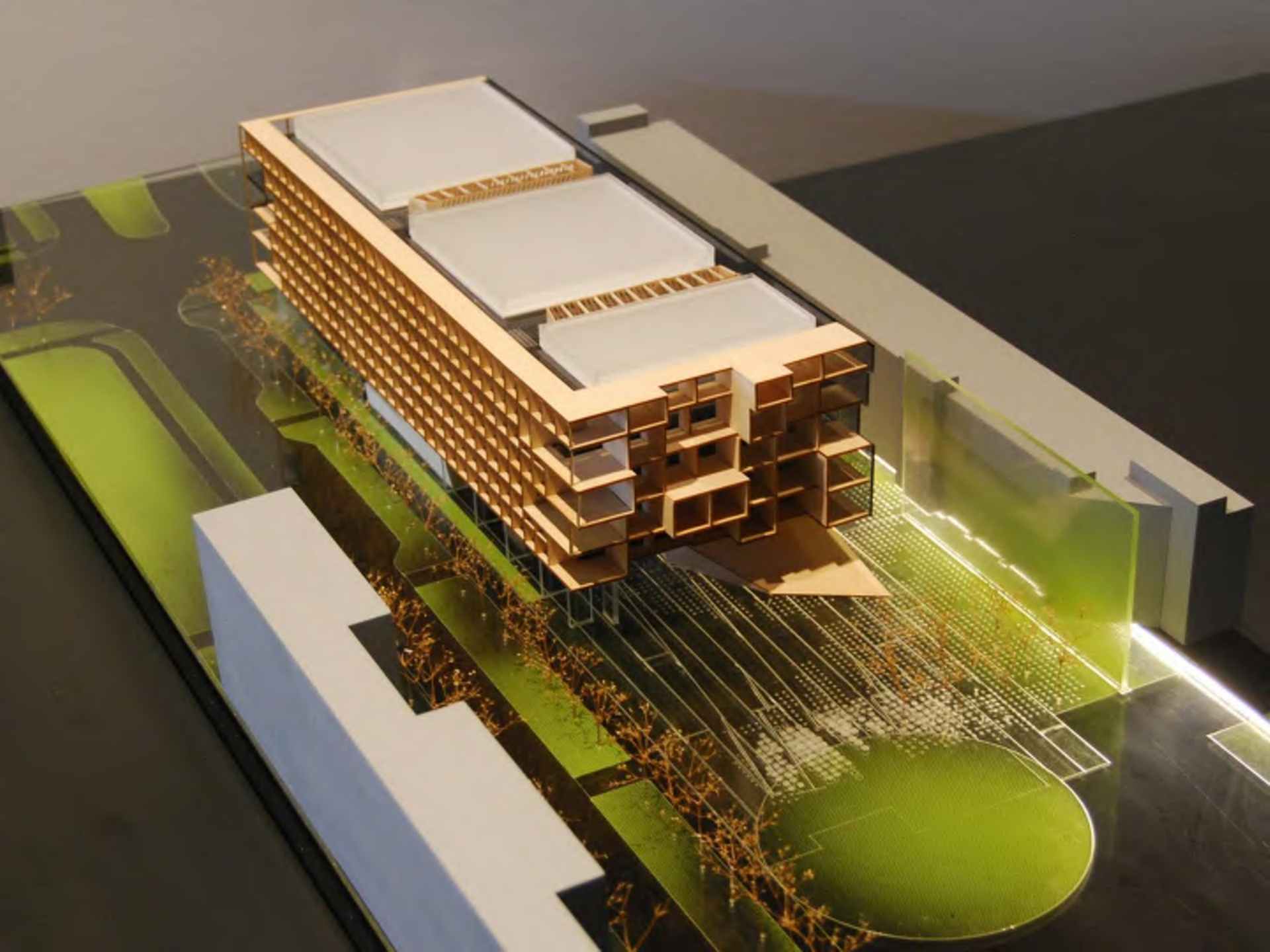

1 2 3 4 5 6 7 8 9 10 11 12
E
D
Offices and Workstations
Offices and Workstations
Offices and Workstations
Res. Seminar
Offices and Workstations
Offices and Workstations
Offices and Workstations
C
B
A
Type #1 Lab
Equip/ Microscopy
Freezer(-80C)
Fume Hood
Tissue Culture
Fume Hood
Equip/ Microscopy
Type #1 Lab
Type #3 Lab
Type #3 Lab
Type #3 Lab
Type #3 Lab
Hot Lab
Tissue Culture
Tissue Culture
Pre/m Water Purif.
Equip.
Dark Room
Cold Room
Dirty Procedure
Type #3 Lab

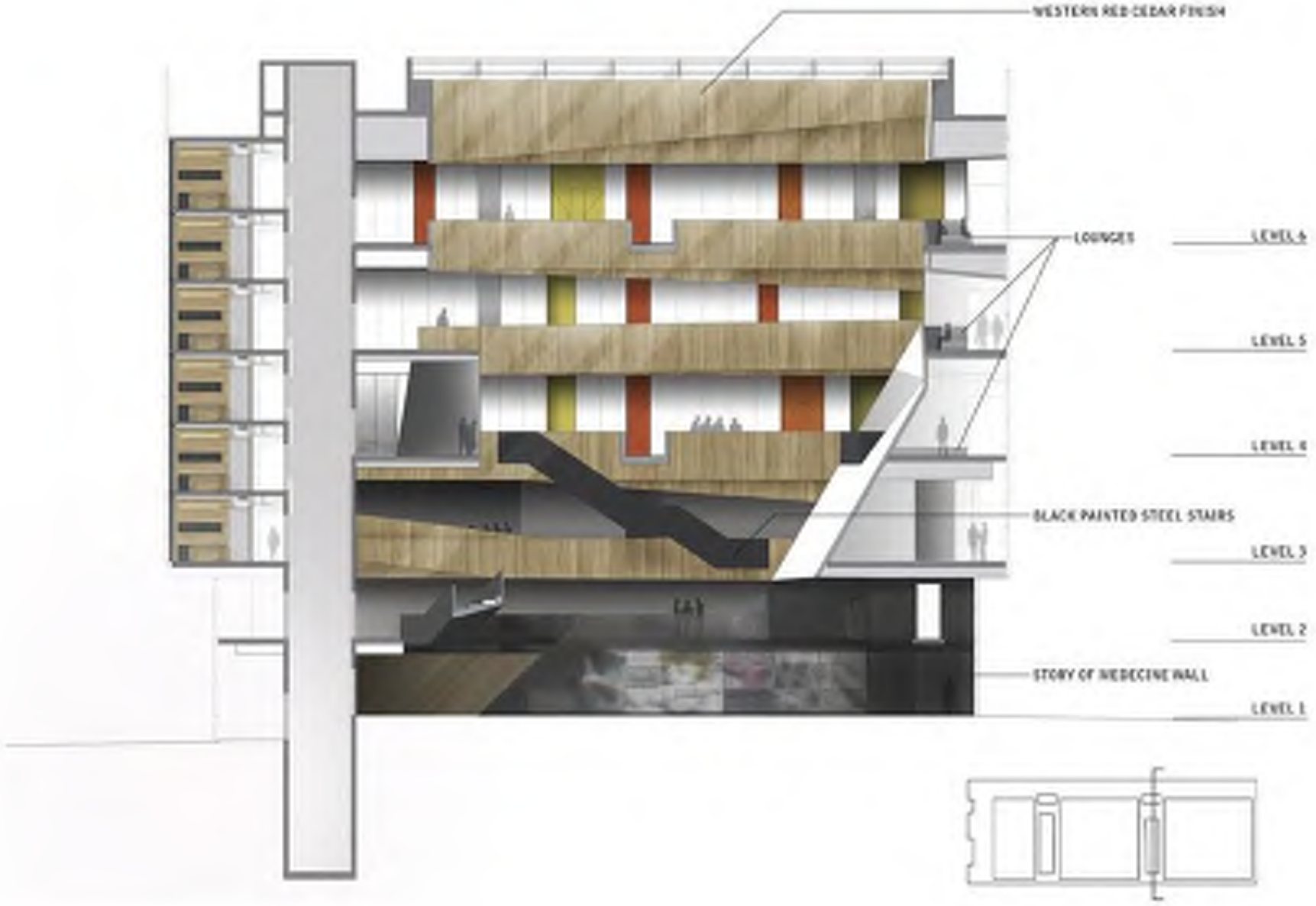


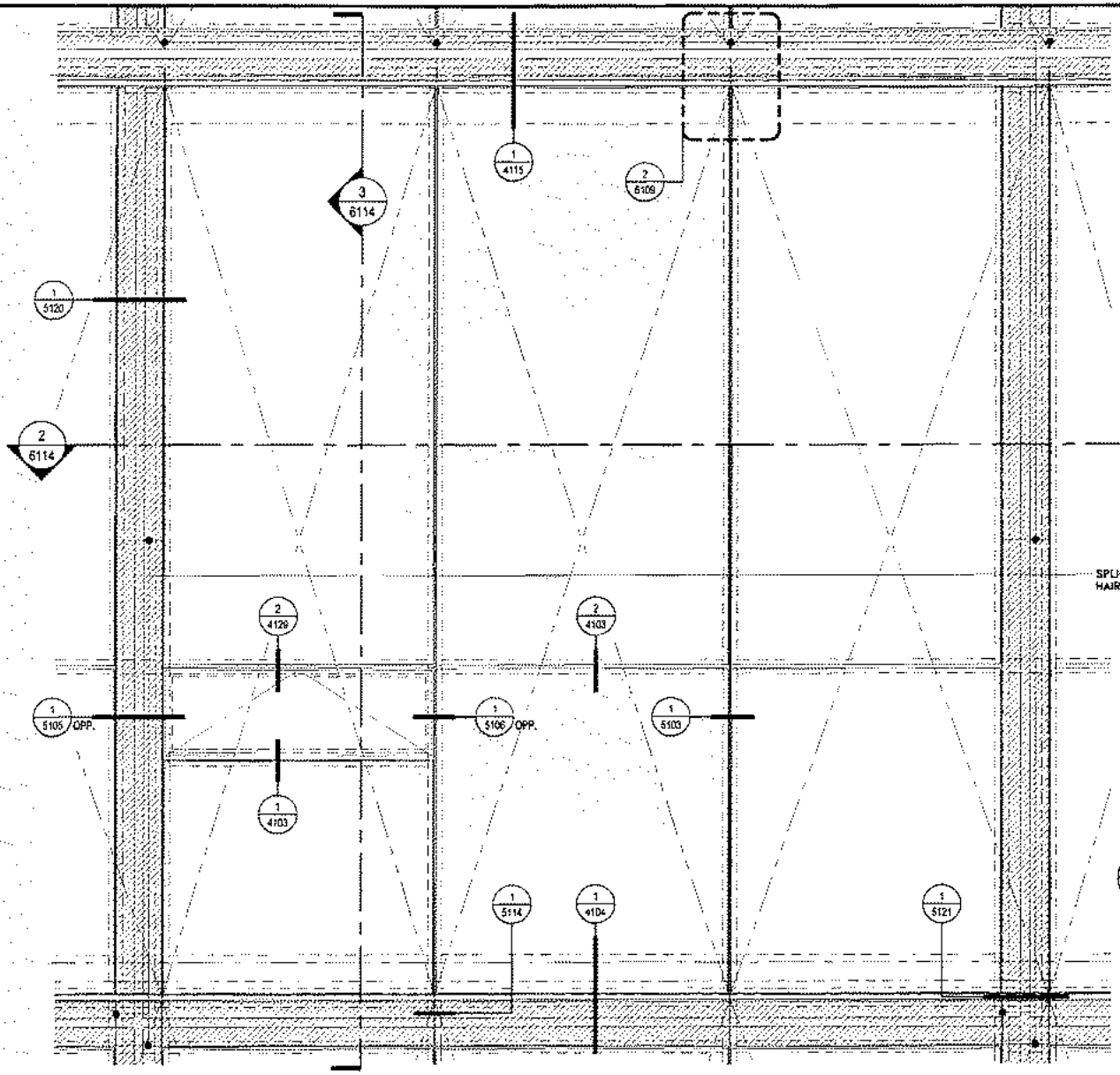

LORE
LEARN

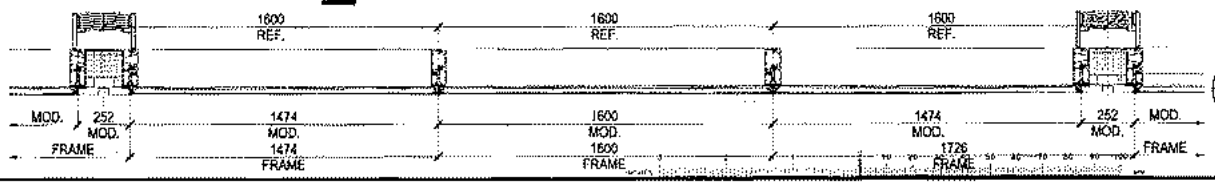


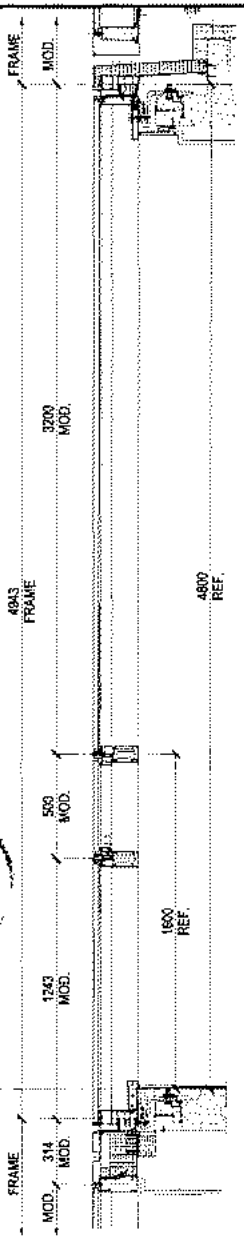

CDRD
Teaching Areas and Administration Areas
Research Lab 1, 2, 3 and 4
Lecture Hall
Conventional Small Animal Holding Facility
E
D
C
B
A
Mechanical
Type 1 and Type 3 Labs
Type 1, Type 2, Type 4 Labs
CDRD and Type 4 Lab
Teaching Areas and Administration Areas
Lecture Hall (240seats)
Conventional Small Animal Holding Facility
GREEN WALL
6b
6a
5
4b
4a
3
2
1
-1
6
5
4
3
2

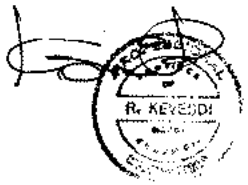



WESTERN RED CEDAR FINISH
LOUNGES
LEVEL 6
LEVEL 5
LEVEL 4
BLACK PAINTED STEEL STAIRS
LEVEL 3
LEVEL 2
STORY OF MEDICINE WALL
LEVEL 1







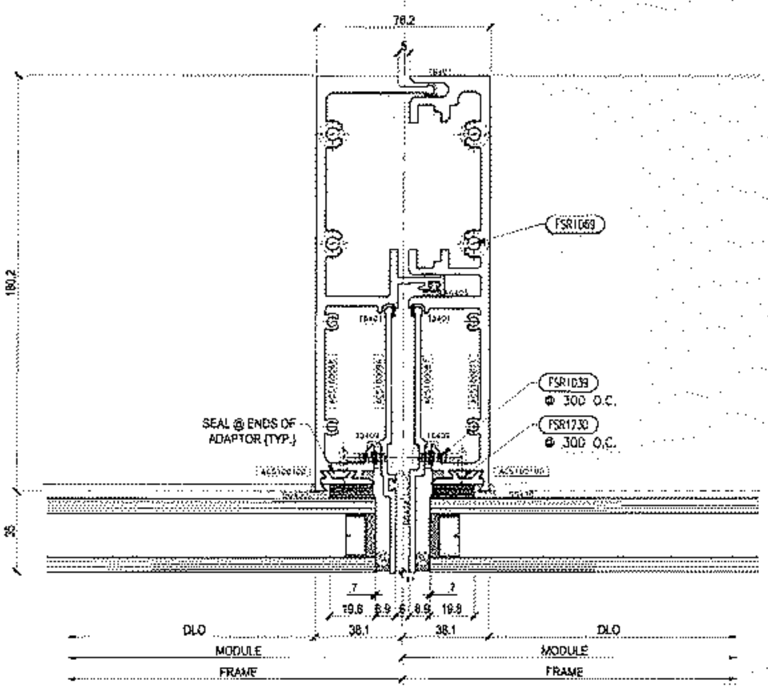


1 / 3109 TYP. BLOW-UP ELEVATION
ARCH. REF.
PARENT DWG:

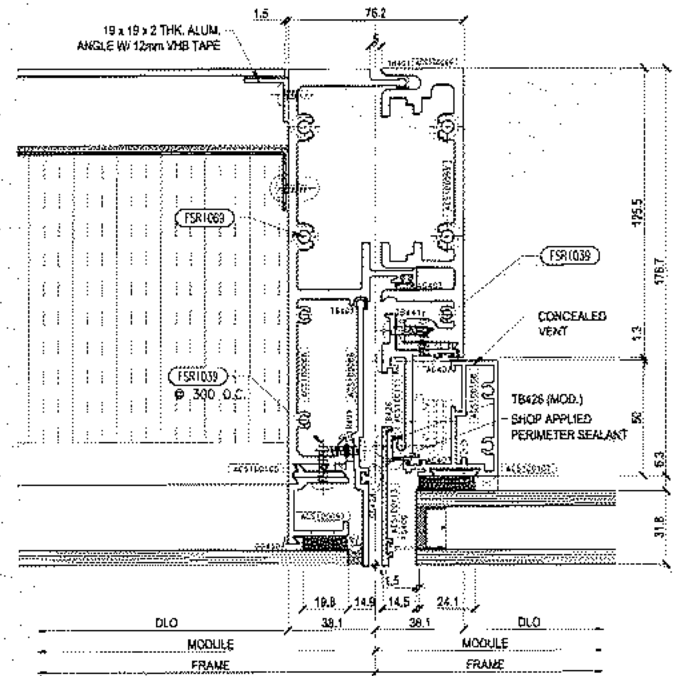
MAY 19 2011

2 / 6114 PARTIAL PLAN
ARCH. REF.
PARENT DWG:

3 / 6114 SECTION
ARCH. REF.
PARENT DWG:



1
3105
MULLION @ SPANDREL DETAIL (SOUTH FACADE)
ARCH. REF: 03/A712
SCALE: 1:2
PAGE REF: 2152-5103



2
MULLION VENT DETAIL @ SOUTH FACADE
ARCH. REF: 02/A712
SCALE: 1:2
PAGE REF: 2152-5103

MAY 1 9 2011

DO NOT SCALE THIS PRINT

DESIGN DISCLAIMER

DETAILS OF ADJACENT WORK ARE SHOWN FOR COMPLETENESS ONLY. THE PROJECT ARCHITECT/PROJECT ENGINEER/THE CONTRACTOR SUPPLYING AND/OR INSTALLING THE STRUCTURAL SUPPORT IS RESPONSIBLE FOR ITS DESIGN/INSTALLATION TO ACCOMMODATE ALL LOADS IMPOSED UPON IT BY OUR PRODUCTS

OUR ENGINEERING IS LIMITED TO THE LOAD CARRYING COMPONENTS OF THE GLAZING SYSTEM AND ITS FASTENERS SHOWN ON THESE SHOP DRAWINGS.

ALUMINUM CURTAINWALL SYS. INC. LTD. ASSUMES NO RESPONSIBILITIES AS TO MEASUREMENTS OR DETAILS AFFECTING ANY WORK BUT ITS OWN AND IS NOT RESPONSIBLE FOR ANY ERRORS OCCURRING THROUGH THE USE OF THESE DRAWINGS BY OTHER PARTIES.

CONTRACTORS APPROVAL

THE GENERAL CONTRACTOR AGREES HEREWITH THAT ALL MASONRY CONDITIONS AND SIZES WILL BE MAINTAINED AS SHOWN ON THIS DRAWING.

APPROVED BY ....

COMPANY NAME ....

DATE ....

ARCHITECTS APPROVAL

MATERIAL SHOWN ON THIS DRAWING IS APPROVED FOR DESIGN AND HARDWARE AS DETAILED OR WITH CHANGES NOTED.

APPROVED BY ....

ARCHITECTURAL FIRM ....

DATE ....

UBC Faculty of Pharmaceutical

3152

BAUGER + PERROTTE ARCHITECTES
HUGHES CONDON MARLER ARCHITECTS

LEDCOR CONSTRUCTION LTD.

ABF — CP

CURTAINWALL
PLAN DETAIL

2152-5103 — 2

ALUMINUM CURTAINWALL SYSTEMS INC.

APPENDIX B

Exterior Elevation Drawing of Tested Curtain Wall

North Elevation

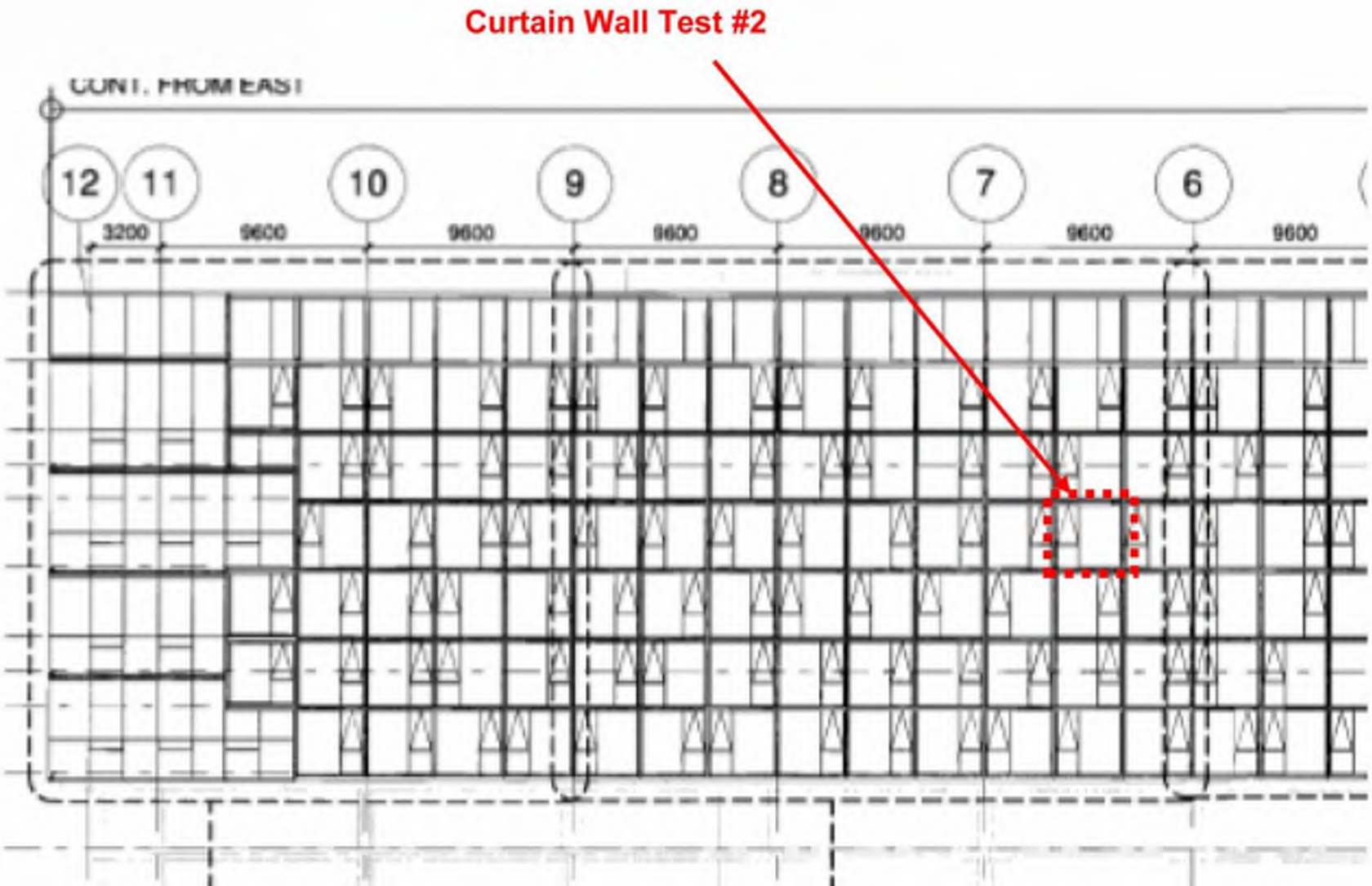
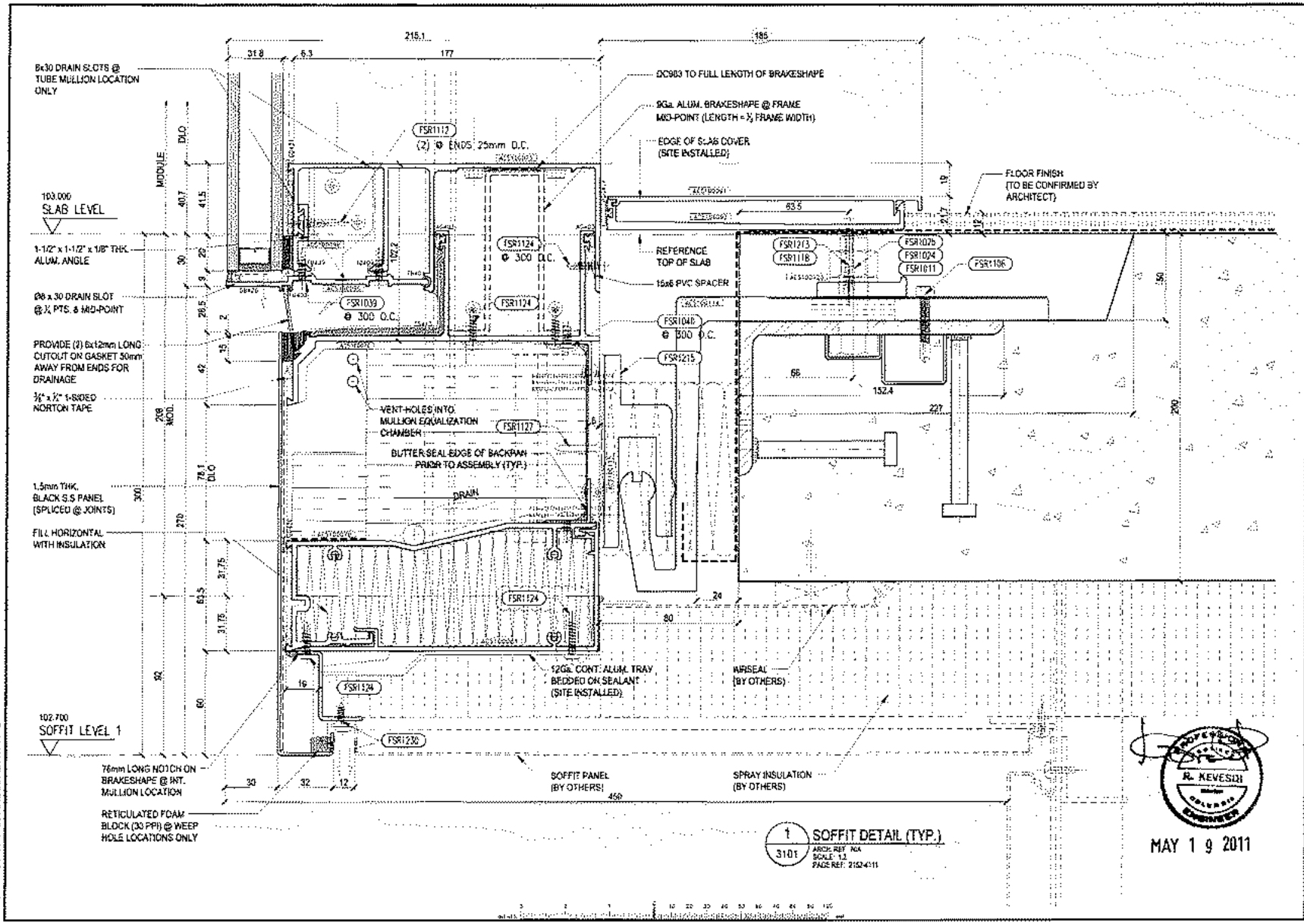
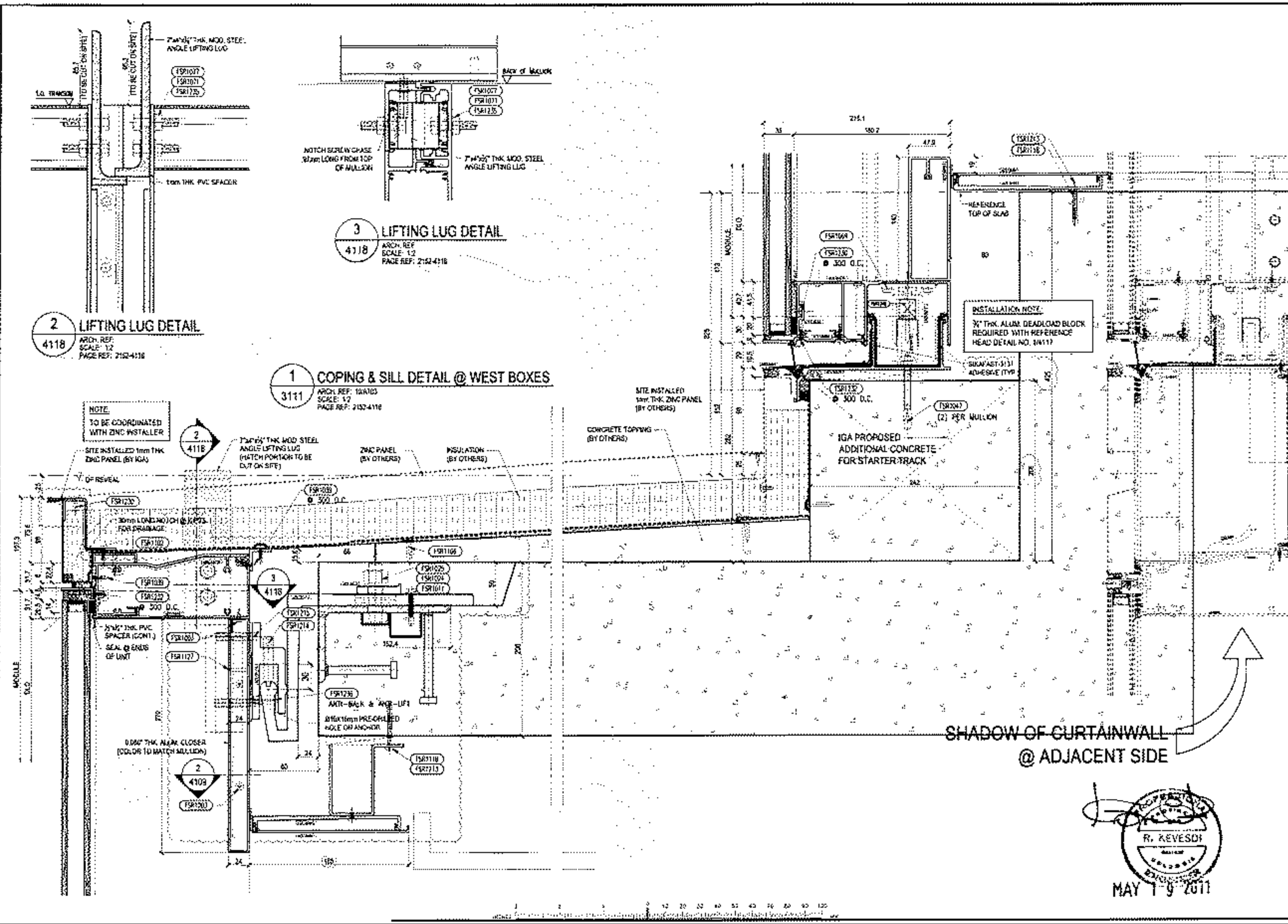


Photo 1: Curtain wall specimen with spray rack

Photo 2: Test chamber


8x30 DRAIN SLOTS @ TUBE MULLION LOCATION ONLY
215.1
31.8
6.3
177
185
DC903 TO FULL LENGTH OF BRAKESHAPE
9Ga. ALUM. BRAKESHAPE @ FRAME MID-POINT (LENGTH = ½ FRAME WIDTH)
EDGE OF SLAB COVER (SITE INSTALLED)
FLOOR FINISH (TO BE CONFIRMED BY ARCHITECT)
MODULE
DLO
FSR1112
(2) @ ENDS, 25mm O.C.
103.000
SLAB LEVEL
FSR1124
@ 300 O.C.
FSR1213
FSR1118
FSR1026
FSR1024
FSR1011
FSR1136
1-1/2" x 1-1/2" x 1/8" THK. ALUM. ANGLE
REFERENCE TOP OF SLAB
16x6 PVC SPACER
Ø8 x 30 DRAIN SLOT @ ¼ PTS. & MID-POINT
FSR1039
@ 300 O.C.
FSR1040
@ 300 O.C.
FSR1215
PROVIDE (2) 6x12mm LONG CUTOUT ON GASKET 50mm AWAY FROM ENDS FOR DRAINAGE
⅜" x ½" 1-SIDED NORTON TAPE
VENT HOLES INTO MULLION EQUALIZATION CHAMBER
FSR1127
BUTTER SEAL EDGE OF BACKPAN PRIOR TO ASSEMBLY (TYP.)
DRAIN
1.5mm THK. BLACK S.S PANEL (SPLICED @ JOINTS)
FILL HORIZONTAL WITH INSULATION
FSR1124
12Ga. CONT. ALUM. TRAY BEDDED ON SEALANT (SITE INSTALLED)
WIRESEAL (BY OTHERS)
FSR1124
102.700
SOFFIT LEVEL 1
FSR1236
76mm LONG NOTCH ON BRAKESHAPE @ INT. MULLION LOCATION
SOFFIT PANEL (BY OTHERS)
SPRAY INSULATION (BY OTHERS)
RETICULATED FOAM BLOCK (30 PPI) @ WEEP HOLE LOCATIONS ONLY
450
1
3101
SOFFIT DETAIL (TYP.)
ARCH. REF. N/A
SCALE: 1:3
PAGE REF: 2152-4111
MAY 19 2011
DO NOT SCALE THIS PRINT
DESIGN DISCLAIMER
UBC Faculty of Pharmaceutical
LEDCOR CONSTRUCTION LTD.
CURTAINWALL SECTION DETAIL
2152-4111
ACCUFLOW CURTAINWALL SYSTEMS INC.


LIFTING LUG DETAIL
2
4118
ARCH. REF:
SCALE: 1:2
PAGE REF: 2152-4118
LIFTING LUG DETAIL
3
4118
ARCH. REF:
SCALE: 1:2
PAGE REF: 2152-4118
COPING & SILL DETAIL @ WEST BOXES
1
3111
ARCH. REF: 10A103
SCALE: 1:2
PAGE REF: 2152-4118
NOTE:
TO BE COORDINATED WITH ZINC INSTALLER
SITE INSTALLED 1mm THK. ZINC PANEL (BY IGA)
ZINC PANEL (BY OTHERS)
INSULATION (BY OTHERS)
CONCRETE TOPPING (BY OTHERS)
1mm THK. PVC SPACER
BACK OF MULLION
NOTCH SCREW CHASE LONG FROM TOP OF MULLION
REFERENCE TOP OF SLAB
INSTALLATION NOTE:
REQUIRED WITH REFERENCE HEAD DETAIL NO. 1/4117
SIKAFAST-5131 ADHESIVE (TYP.)
(2) PER MULLION
IGA PROPOSED ADDITIONAL CONCRETE FOR STARTER TRACK
SEAL @ ENDS OF UNIT
FSR1236
Ø16x16mm PRE-DRILLED HOLE ON ANCHOR
SHADOW OF CURTAINWALL @ ADJACENT SIDE
R. KEVESDI
MAY 19 2011

DO NOT SCALE THIS PRINT

DESIGN DISCLAIMER

DETAILS OF ADJACENT WORK ARE SHOWN FOR COMPLETENESS ONLY. THE PROJECT ARCHITECT/PROJECT ENGINEER/THE CONTRACTOR SUPPLYING/AND/OR INSTALLING THE STRUCTURAL SUPPORT IS RESPONSIBLE FOR ITS DESIGN/INSTALLATION TO ACCOMMODATE ALL LOADS IMPOSED UPON IT BY OUR PRODUCTS.

OUR ENGINEERING IS LIMITED TO THE LOAD CARRYING COMPONENTS OF THE GLAZING SYSTEM AND ITS FASTENERS SHOWN ON THESE SHOP DRAWINGS.

CONTRACTORS APPROVAL

THE GENERAL CONTRACTOR AGREES HEREWITH THAT ALL MASONRY CONDITIONS AND SIZES WILL BE MAINTAINED AS SHOWN ON THIS DRAWING.

APPROVED BY ....

COMPANY NAME ....

DATE ....

ARCHITECTS APPROVAL

MATERIAL SHOWN ON THIS DRAWING IS APPROVED FOR DESIGN AND HARDWARE AS DETAILED OR WITH CHANGES NOTED.

APPROVED BY ....

ARCHITECTURAL FIRM ....

DATE ....

UBC Faculty of Pharmaceutical

2152

SAUCIER + PERROTTE ARCHITECTES
HUGHES CONDON MARLER ARCHITECTS

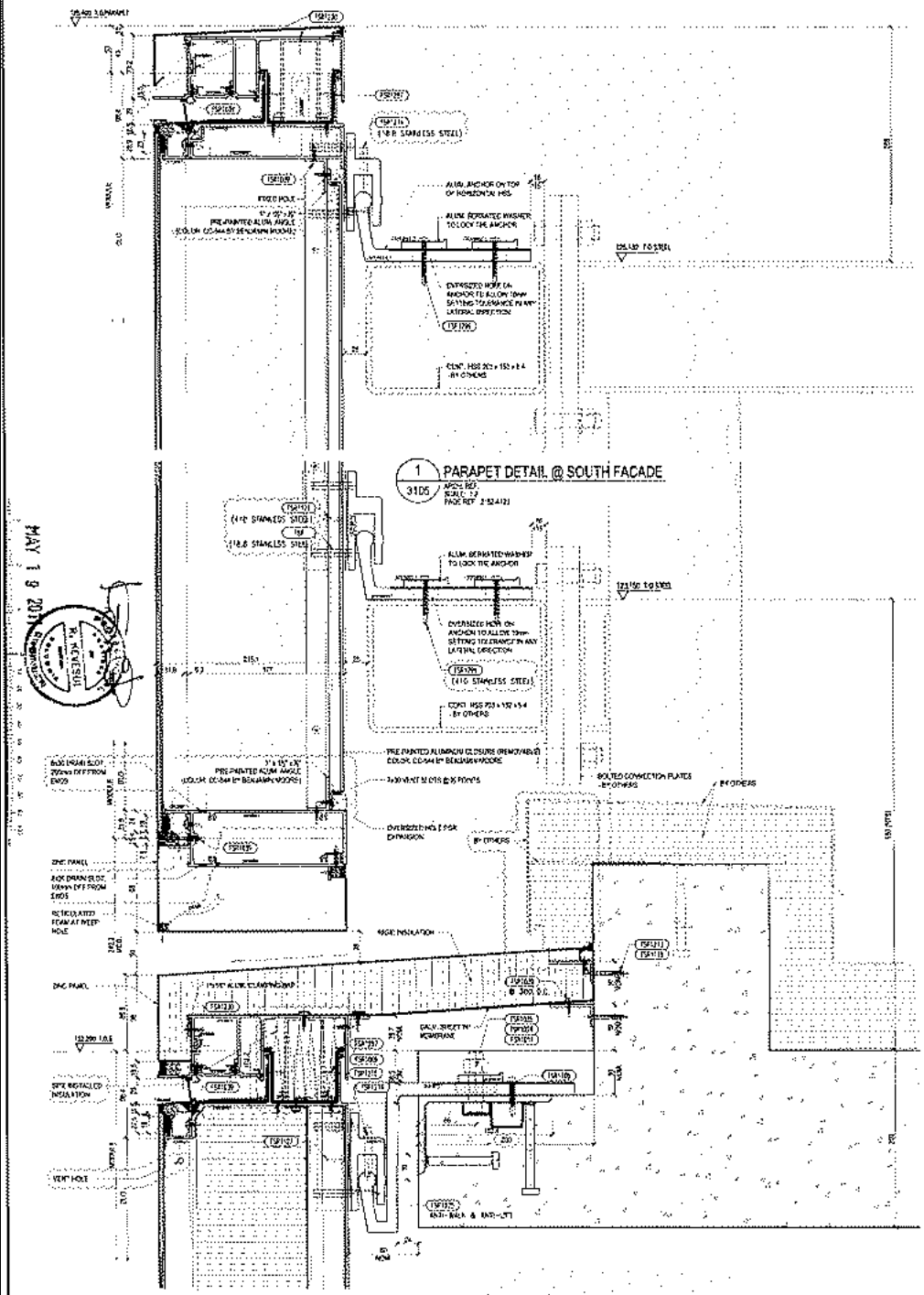
LEDCOR CONSTRUCTION LTD.

ABF EP

CURTAINWALL
SECTION DETAIL

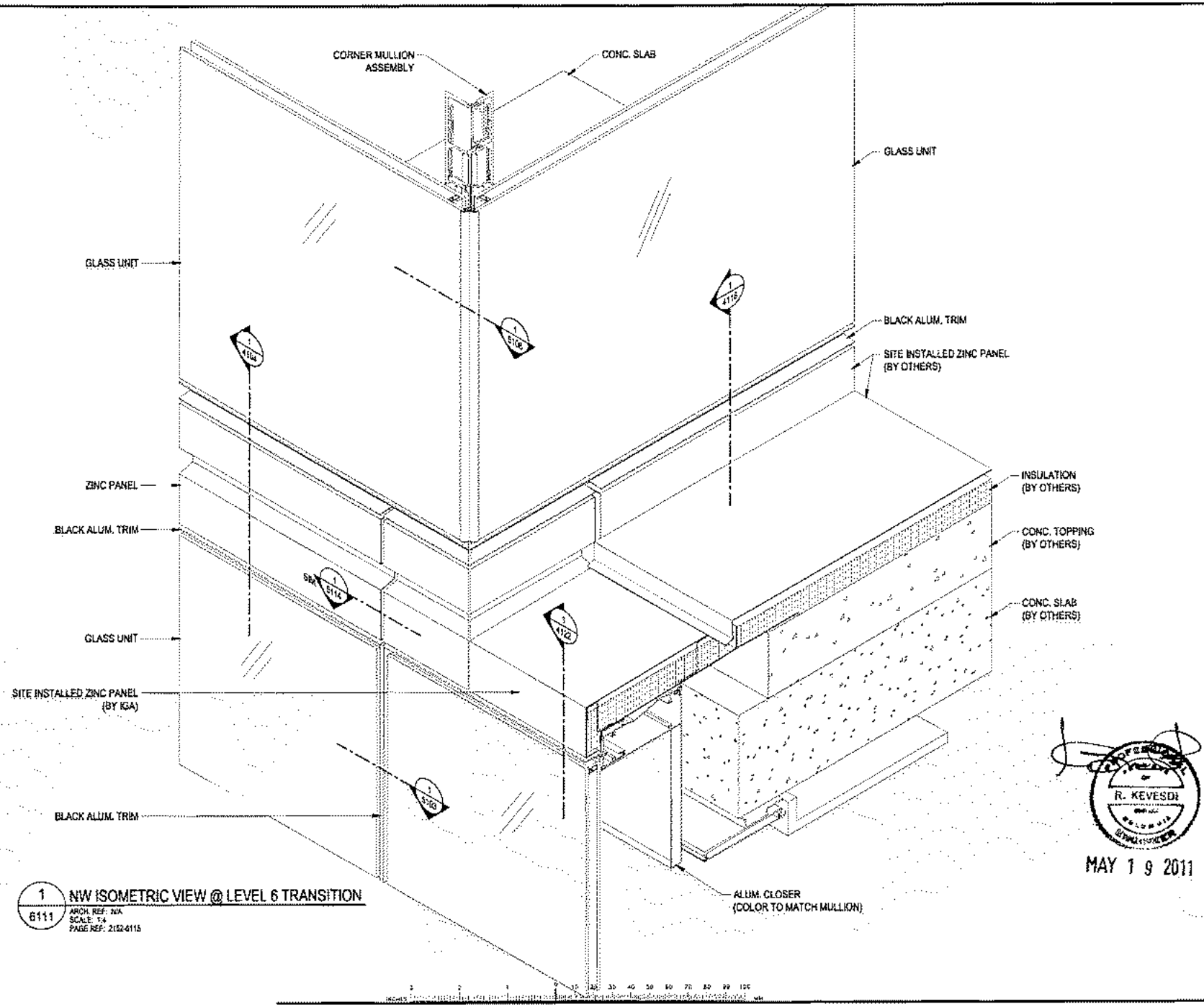
2152-4118 4

ALUMINUM CURTAINWALL SYSTEMS INC.



1 3105 PARAPET DETAIL @ SOUTH FACADE
APCH REF
SCALE: 1:7
PAGE REF 2.52.412

MAY 19 2021

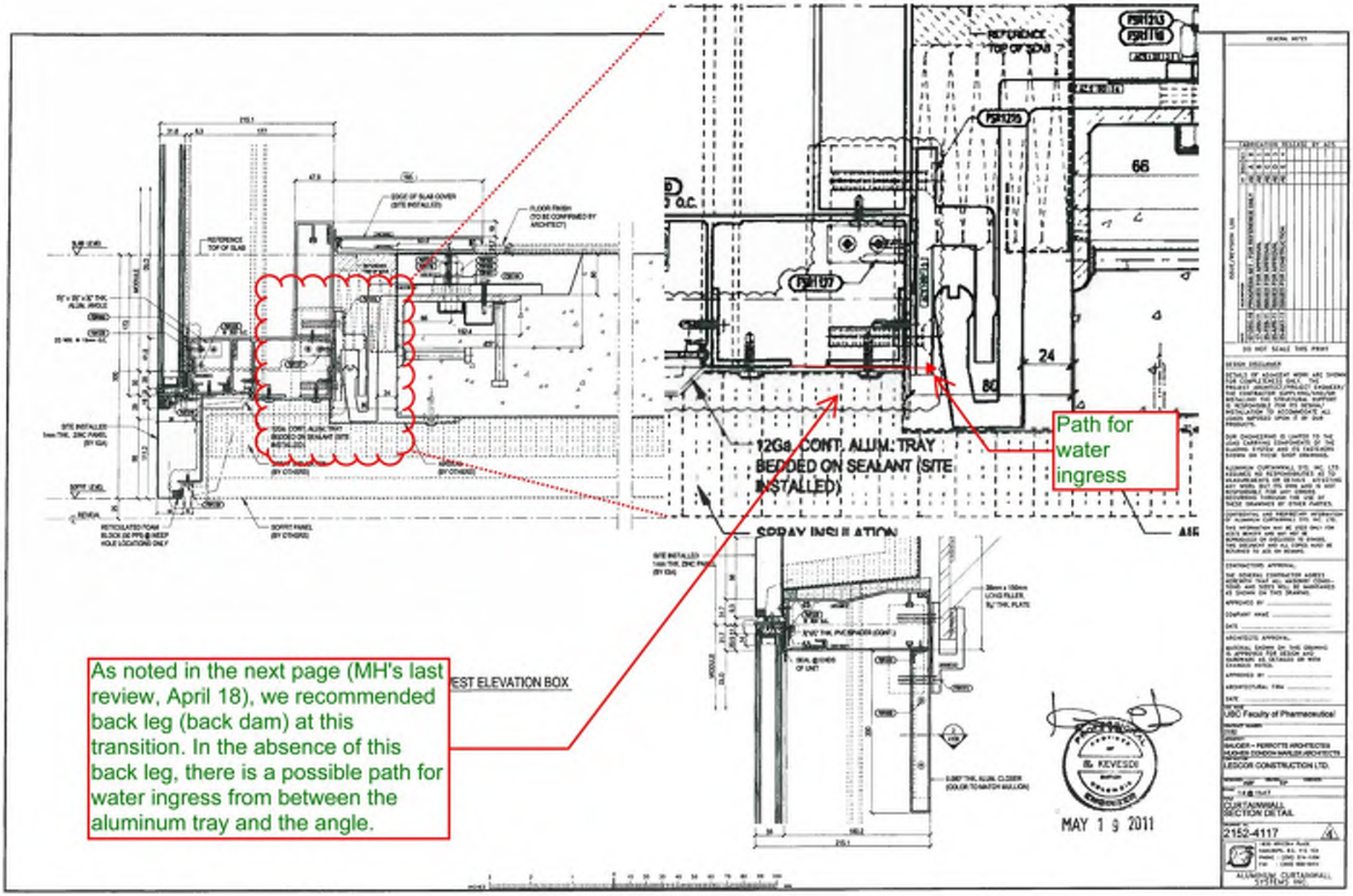


1 / 6111 NW ISOMETRIC VIEW @ LEVEL 6 TRANSITION

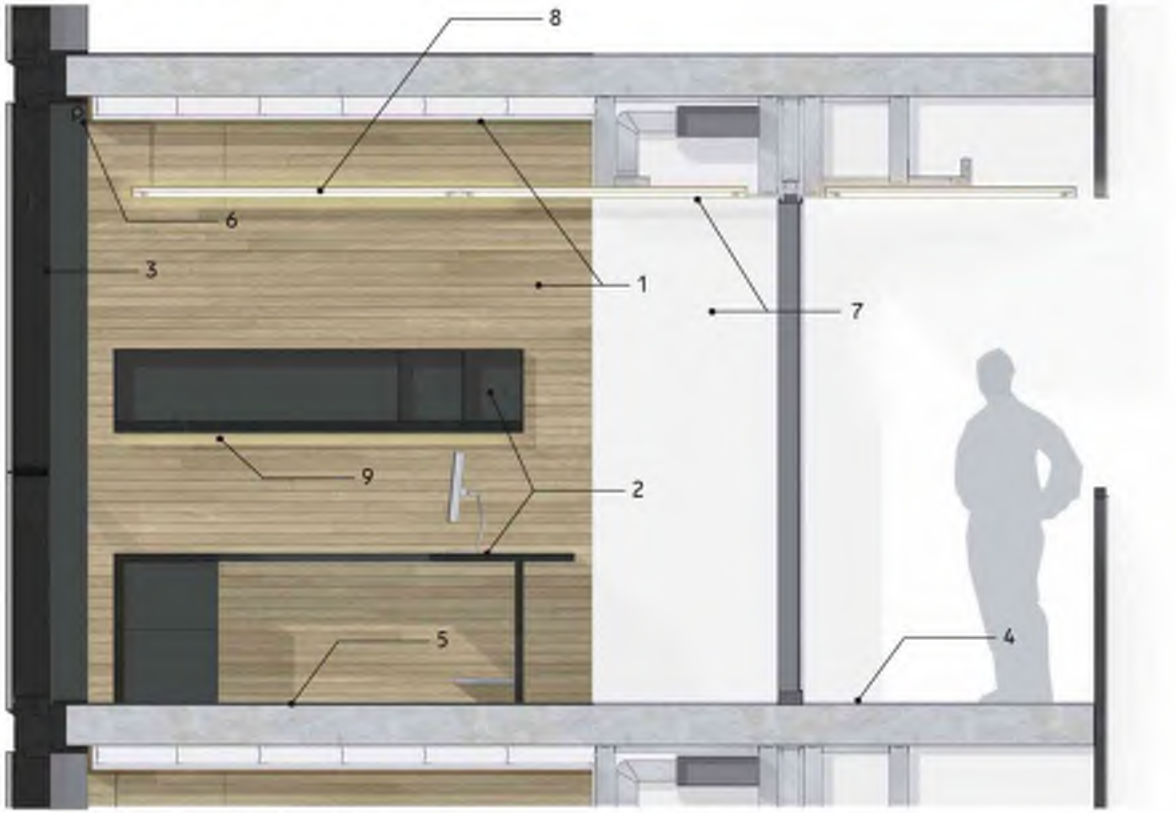
ARCH. REF: N/A
SCALE: 1-1
PAGE REF: 2152-6115

R. KEVESDI

MAY 19 2011


12Ga CONT. ALUM. TRAY BEDDED ON SEALANT (SITE INSTALLED)
Path for water ingress
As noted in the next page (MH's last review, April 18), we recommended back leg (back dam) at this transition. In the absence of this aluminum tray and the angle.
MAY 1 9 2011
CURTAINWALL SECTION DETAIL
2152-4117

TYPICAL OFFICE - SECTION VIEW

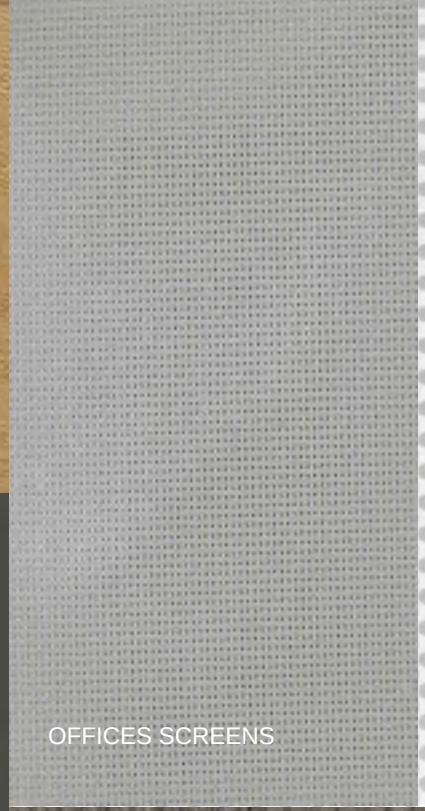


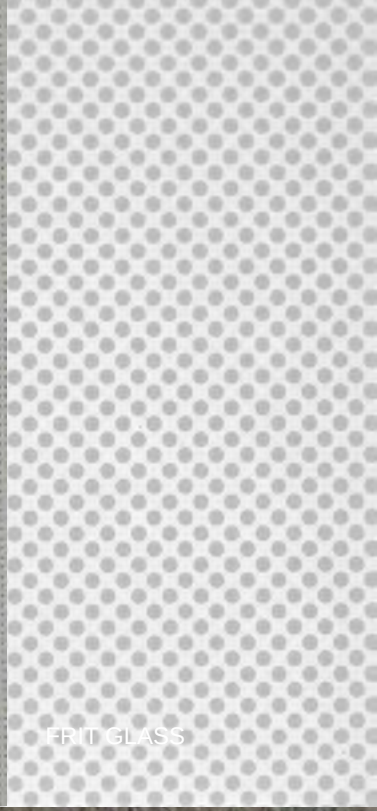
1) WESTERN RED CEDAR, WALLS AND CEILING
2) BLACK PAINTED STEEL, FURNITURE
3) BLACK ALUMINUM MULLIONS
4) RESILIENT RUBBER FLOORING
5) CARPET
6) ROLLER BLIND
7) WHITE PAINTED GYPSUM
8) INDIRECT AND DIRECT LIGHTING
9) TASK LIGHTING


COLOR SWATCHES


WOOD WALLS - WESTERN RED CEDAR


RESILIENT FLOORING


OFFICES SCREENS

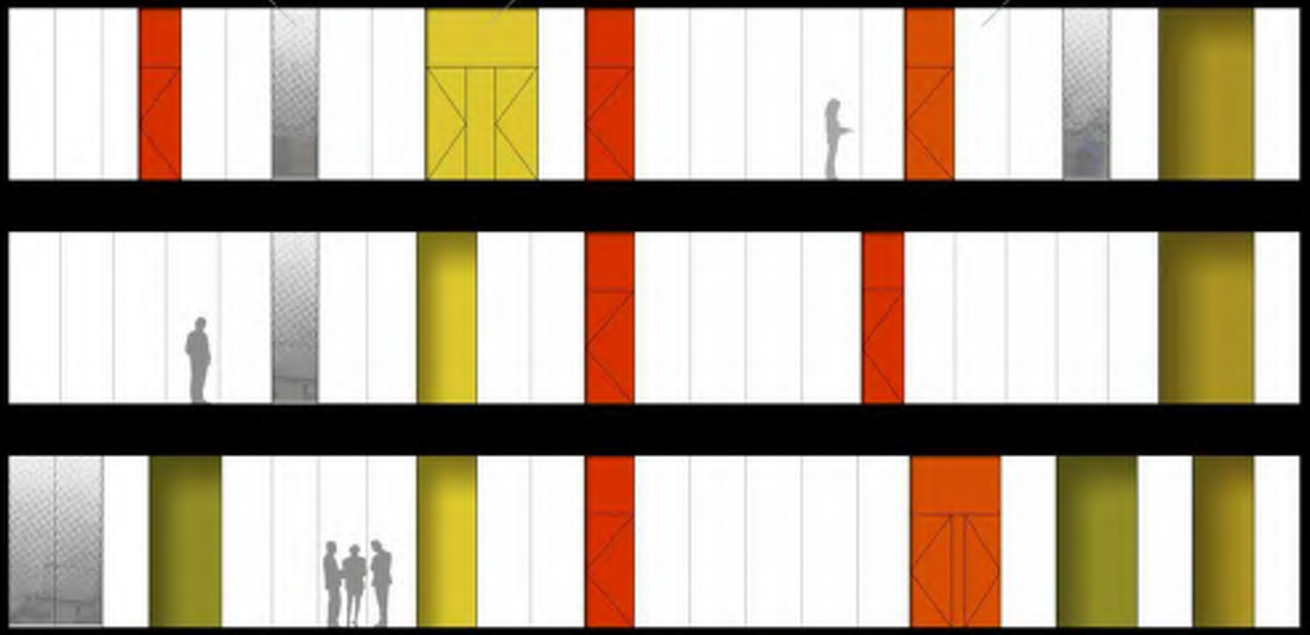

FRIT GLASS


CARPET FLOORING

GRADIANT FRIT PATTERN
FROM OPAQUE TO TRANSPARENT
ON LAMINATED GLASS

RECESSED ENTRANCES
COLOR CODED TO CORRESPOND
WITH SPECIFIC PROGRAMMES

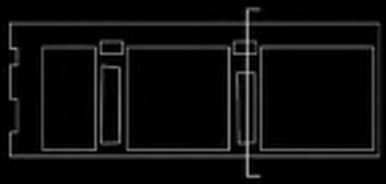
WHITE PAINTED
ALUMINUM PANELLING

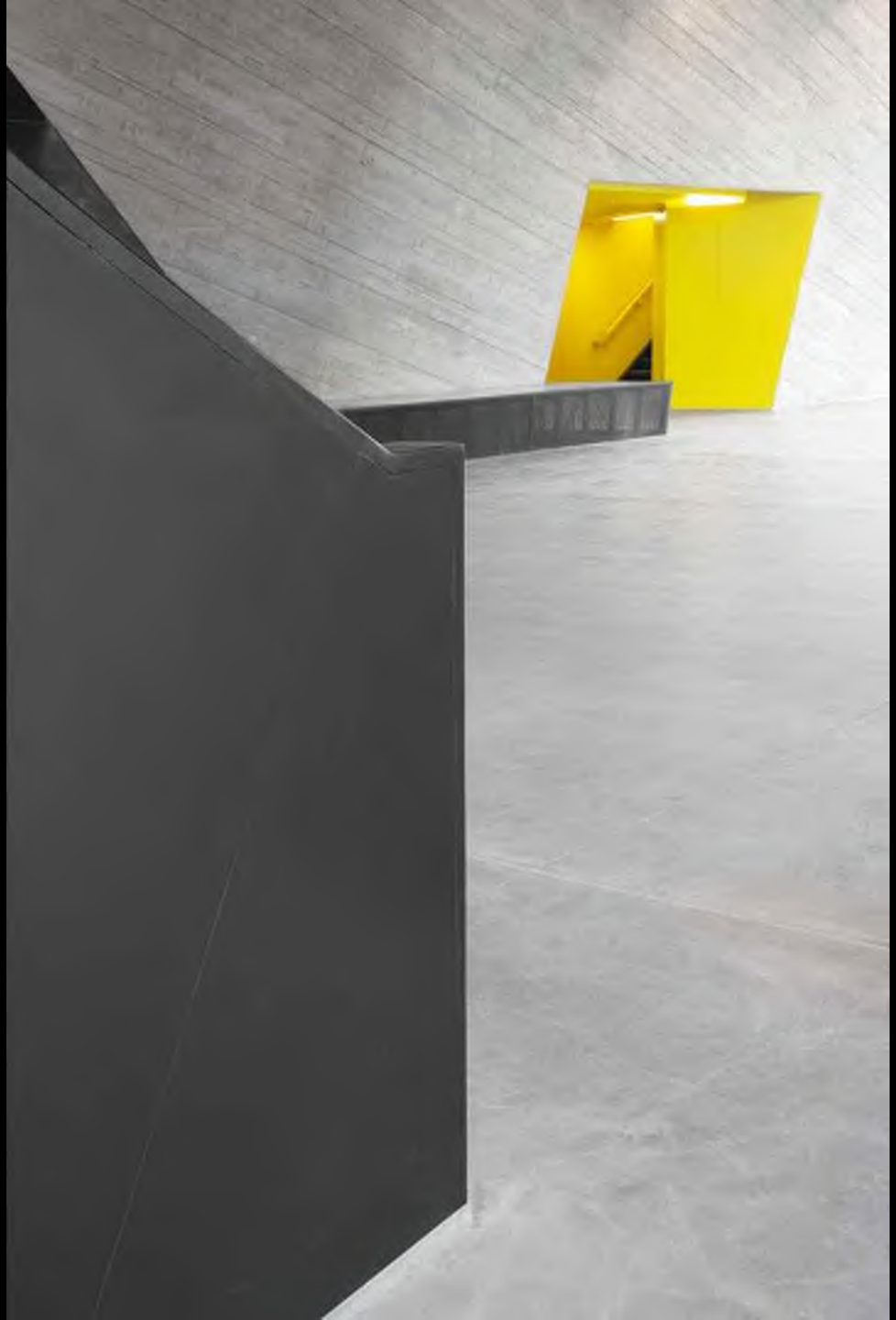


LEVEL 6

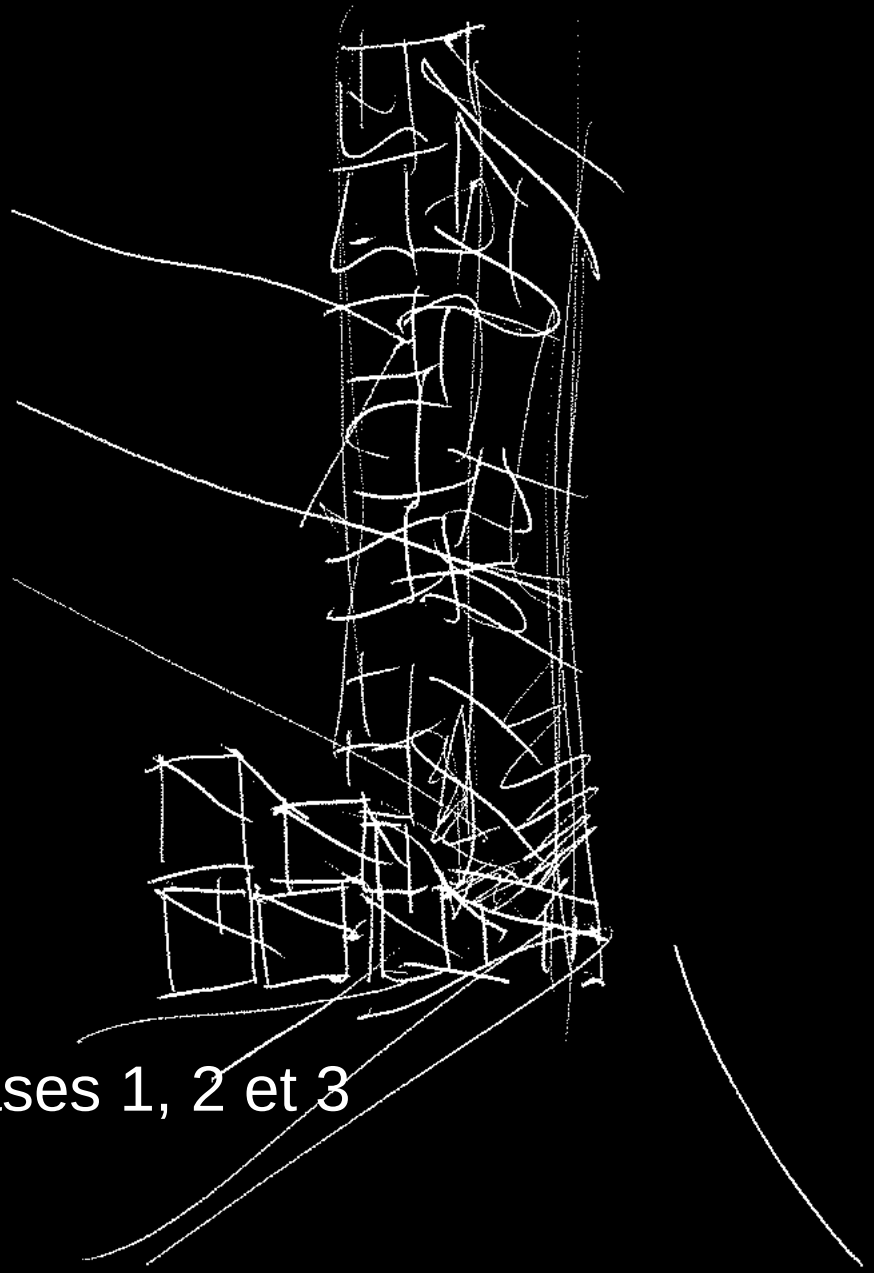
LEVEL 5

LEVEL 4





2

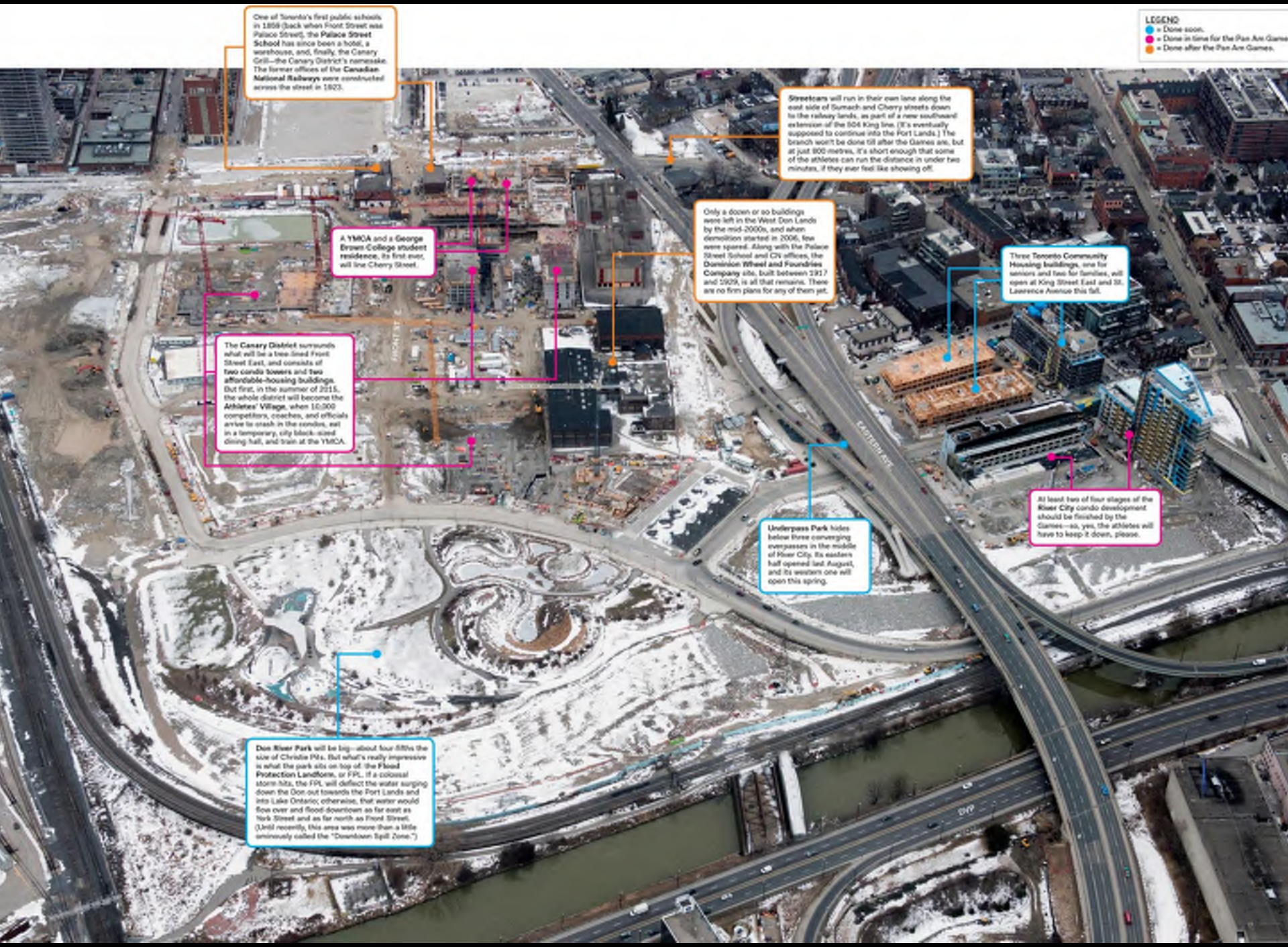


RIVER CITY phases 1, 2 et 3

Urban Capital

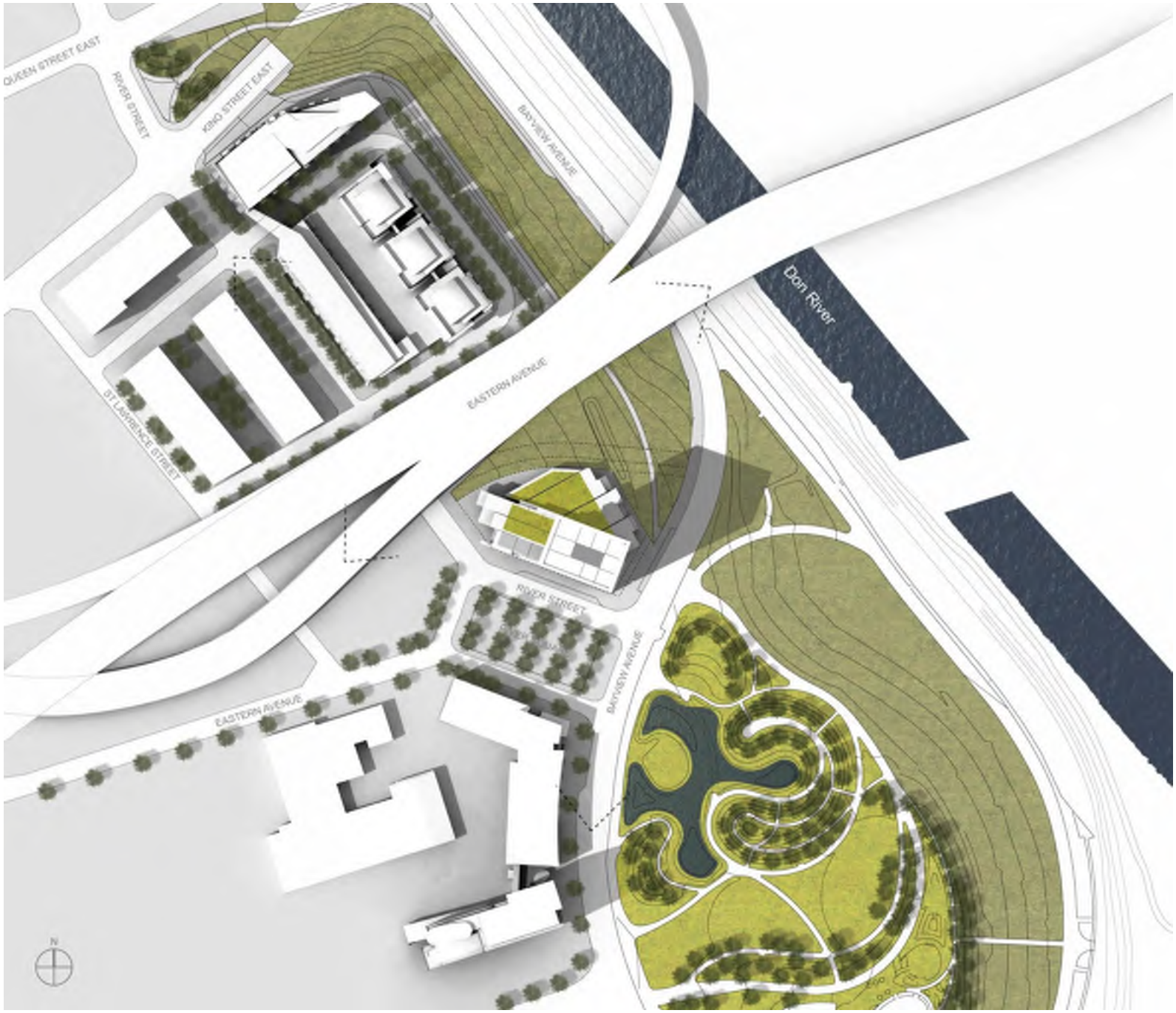
Toronto

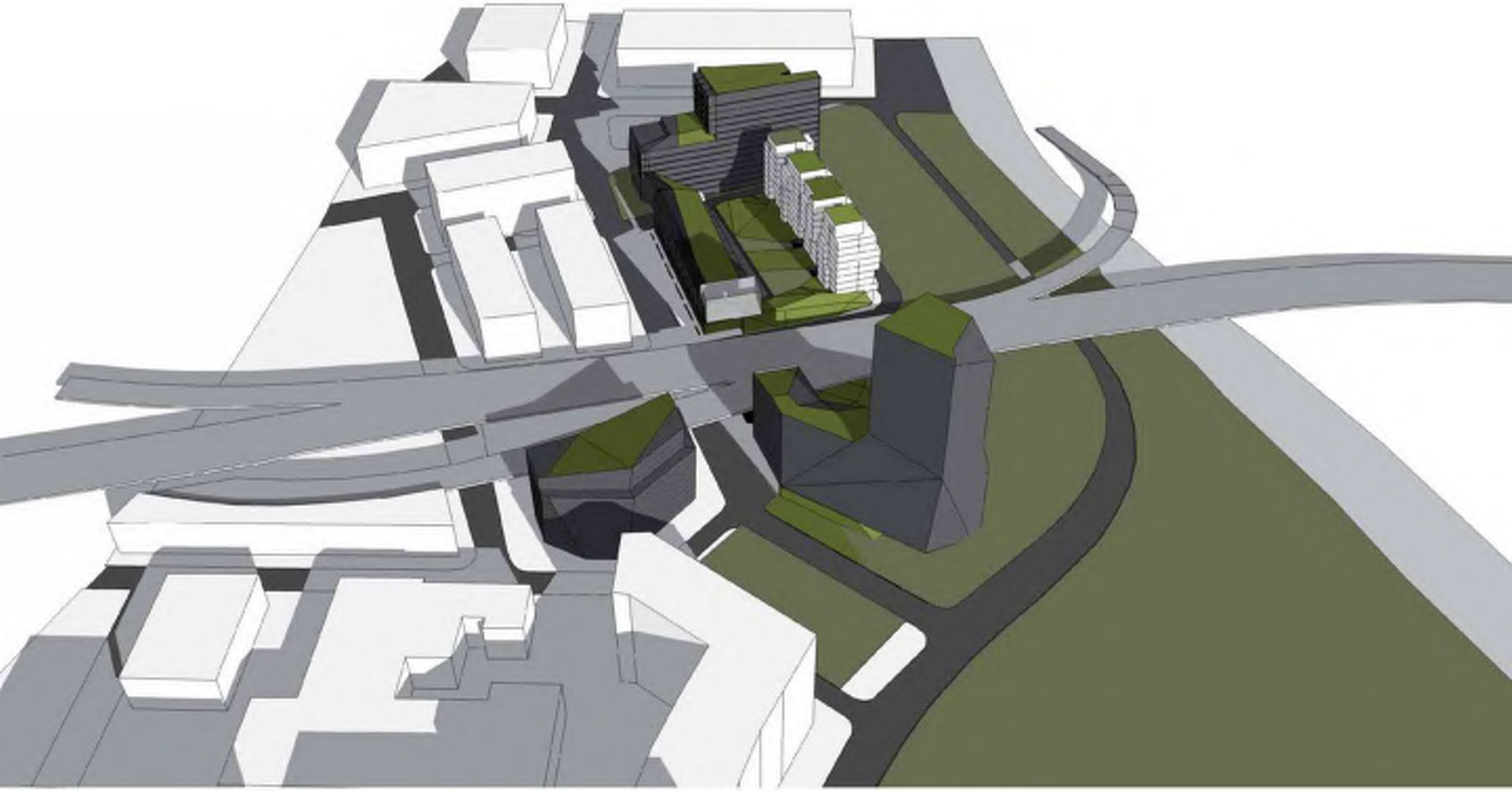

West Don Lands

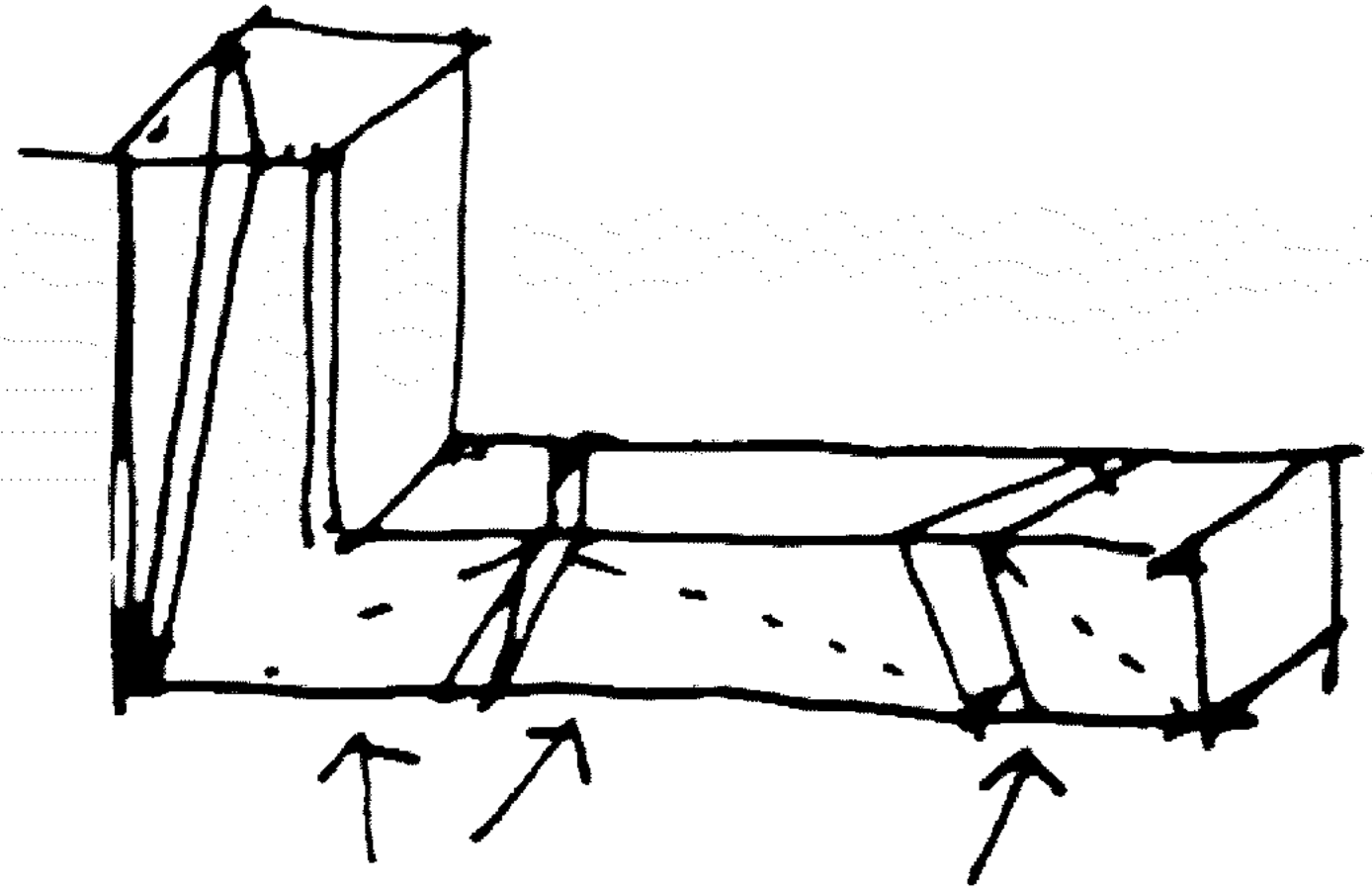

LEGEND
= Done soon.
= Done in time for the Pan Am Games.
= Done after the Pan Am Games.
One of Toronto's first public schools in 1848 (back when Front Street was Palace Street), the Palace Street School has since been a hotel, a warehouse, and, finally, the Canary Grill—the Canary District's namesake. The former offices of the Canadian National Railways were constructed across the street in 1923.
Streetcars will run in their own lane along the east side of Sumach and Cherry streets down to the railway lands, as part of a new southward extension of the 504 King line. (It's eventually supposed to continue into the Port Lands.) The branch won't be done till after the Games are, but at just 800 metres, it's short enough that some of the athletes can run the distance in under two minutes, if they ever feel like showing off.
Only a dozen or so buildings were left in the West Don Lands by the mid-2000s, and when demolition started in 2006, few were spared. Along with the Palace Street School and CN offices, the Dominion Wheel and Foundries Company site, built between 1917 and 1929, is all that remains. There are no firm plans for any of them yet.
A YMCA and a George Brown College student residence, its first ever, will line Cherry Street.
Three Toronto Community Housing buildings, one for seniors and two for families, will open at King Street East and St. Lawrence Avenue this fall.
The Canary District surrounds what will be a tree-lined Front Street East, and consists of two condo towers and two affordable-housing buildings. But first, in the summer of 2015, the whole district will become the Athletes' Village, when 10,000 competitors, coaches, and officials arrive to crash in the condos, eat in a temporary, city block–sized dining hall, and train at the YMCA.
Underpass Park hides below three converging overpasses in the middle of River City. Its eastern half opened last August, and its western one will open this spring.
At least two of four stages of the River City condo development should be finished by the Games—so, yes, the athletes will have to keep it down, please.
Don River Park will be big—about four fifths the size of Christie Pits. But what's really impressive is what the park sits on top of: the Flood Protection Landform, or FPL. If a colossal storm hits, the FPL will deflect the water surging down the Don out towards the Port Lands and into Lake Ontario; otherwise, that water would flow over and flood downtown as far east as York Street and as far north as Front Street. (Until recently, this area was more than a little ominously called the "Downtown Spill Zone.")
Eastern Ave
DVP

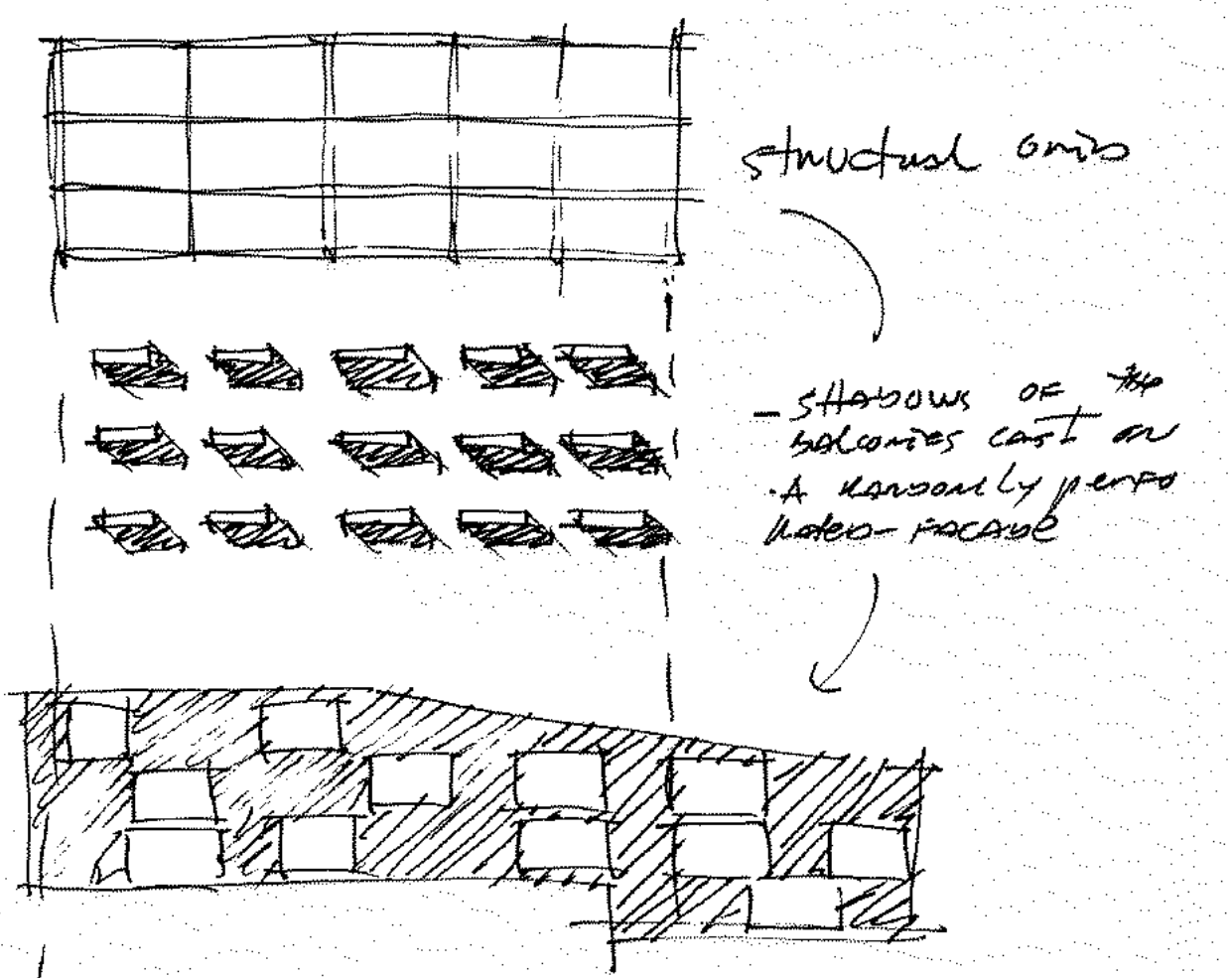
EXISTING SITE CONDITION

DUISBURG PARK


QUEEN STREET EAST
RIVER STREET
KING STREET EAST
BAYVIEW AVENUE
Don River
EASTERN AVENUE
ST LAWRENCE STREET
RIVER STREET
BAYVIEW AVENUE
EASTERN AVENUE
N



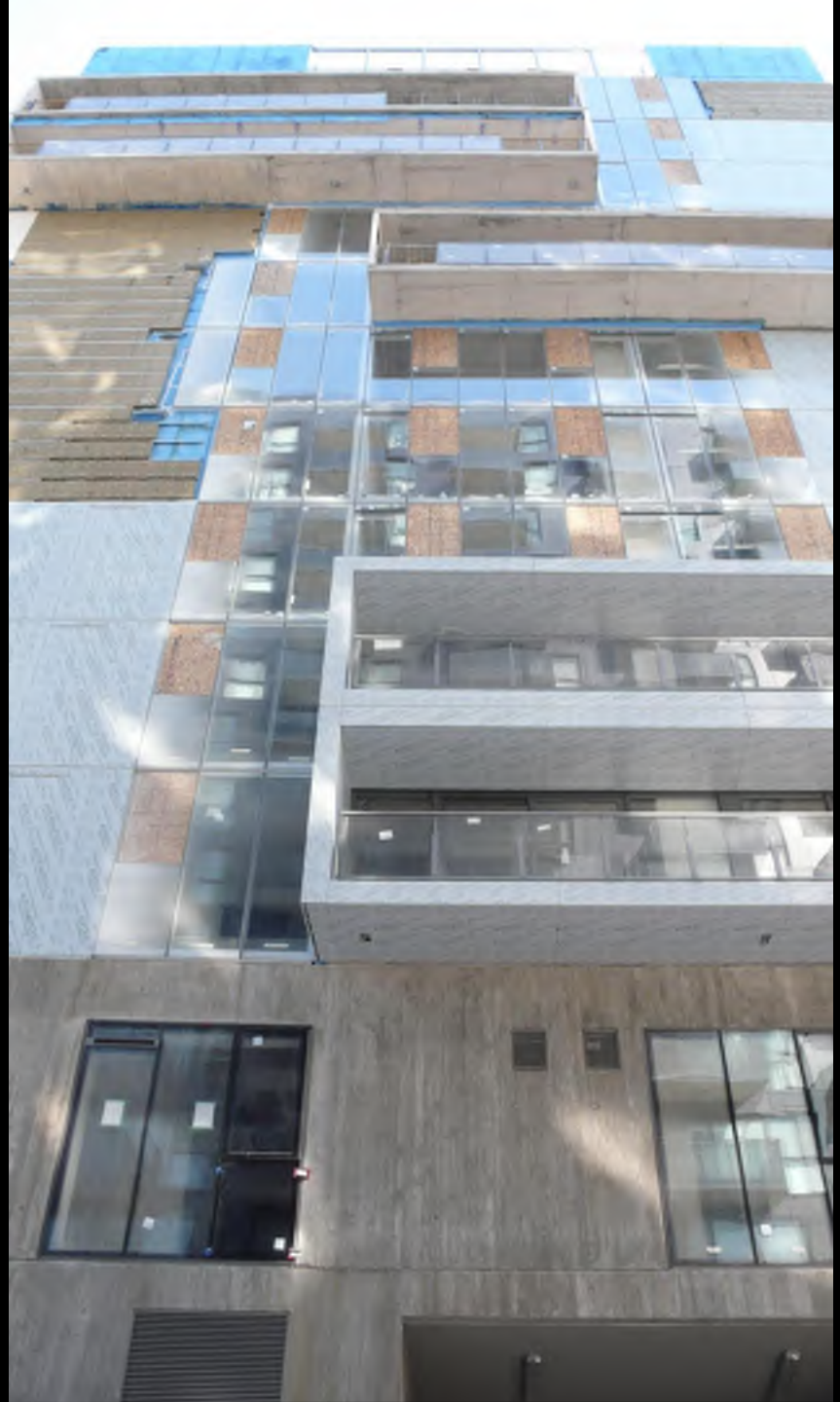



structural grid
- shadows of balconies cast on a randomly perfo
video-facade


RICHMOND
ST.


EXTREME ARCHITECTURE.ca
urbancapital.ca


EXTREME
ARCHITECTURE.CA




Smart Lab
Air Test
Water & Wind
Land Test
Precautions

FIELD REVIEW CONSULTANTS LTD.

111 Zenway Boulevard, Vaughan, Ontario, L4H 3H9
Tel: (416) 675-0160, Fax: (905) 671-1700
e-mail address: fmessiha@mccrak.com

Air Infiltration and Water Penetration
Field Test Report

Client: **Urban Capital** **Report #:** 3
Attention: Mr Andy Kerr **Report Date:** March 26, 2015
Test Date: March 20, 2015.

1. **Project:**
Rivercity Condominium, King Street, Phase 2, Toronto, Ontario.

2. **Window/Door Location:**
Suite 609, west elevation, 6th floor, bedroom door.
Suite 416, west elevation, 4th floor, living room door.
These 2 doors were re-tested as they have been previously failed to pass the water test.

3. **Window/Door Description:**
Thermally broken aluminum sliding door, 2700 mm wide x 2330 mm high, consisting of:

Number	Type	Location	Width (mm)	Height (mm)
2	Sliding Doors	-	2550	2185

4. **Project Specifications, Test Methods and Procedure:**
The following projects specifications were provided by the client:

Air Infiltration: ASTM E783-02
Test Method: ASTM E783-02 "Standard Test Method for Field Measurement of Air Leakage through Installed Exterior Windows and Doors."

Water Penetration: ASTM E1105-08 (Procedure A, Uniform Static Air Pressure Difference)
Test Method: ASTM E1105-08 (Procedure A, Uniform Static Air Pressure Difference). "Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference".

5. **Environmental Test Conditions:**

Outdoor Temperature	6 C	Indoor Temperature	17
Outdoor Relative Humidity	40%	Indoor Relative Humidity	25%
Wind Speed(mph)/ Direction	-	Barometric Pressure	103

6. **Performed Modifications:**
As indicated by the client's door manufacturer: Quest Window Systems Inc.: the test sample has been adjusted to March 2013 design criteria prior to testing.

7. **Test Results:**

7.1 Air Infiltration:

Number of Tests Performed: 2
Tests Results: **PASS**
Tests Pressure: 75 Pa
Total surface area for each unit: 6.29 sq. m.
Total measured air infiltration: 0.1.88, 0.146 l/s.sq.m. respectively (<0.5 l/s.sq.m. allowable)

7.2 Water Penetration:

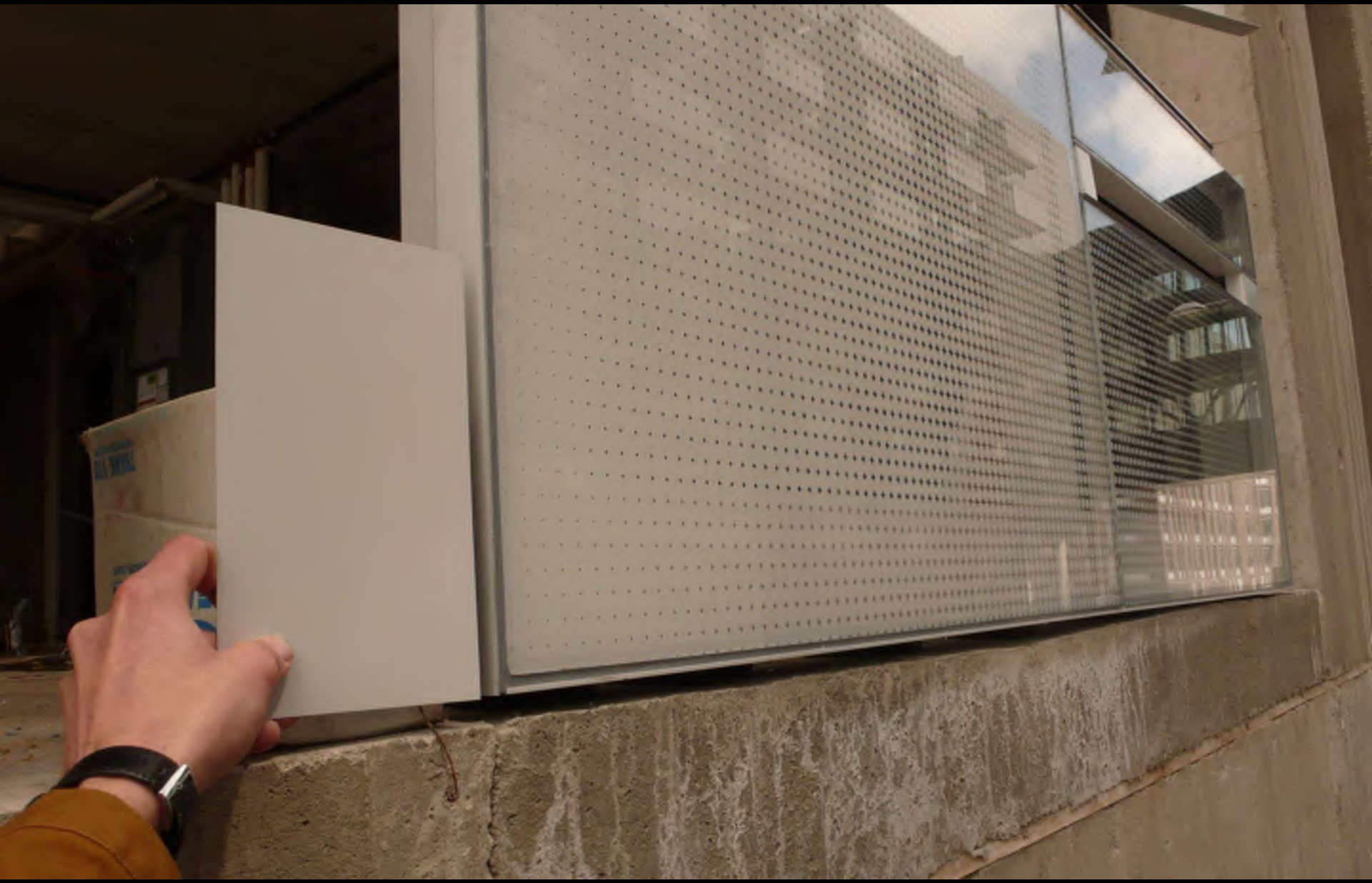
Number of Tests performed: 2
Tests Results: **Failed**
Tests Pressure: 500 Pa
- At the end of fourth cycle water leakage was observed through the bottom glazing cavity of the stationary panel in unit 609; and above and beneath the sill in unit 416

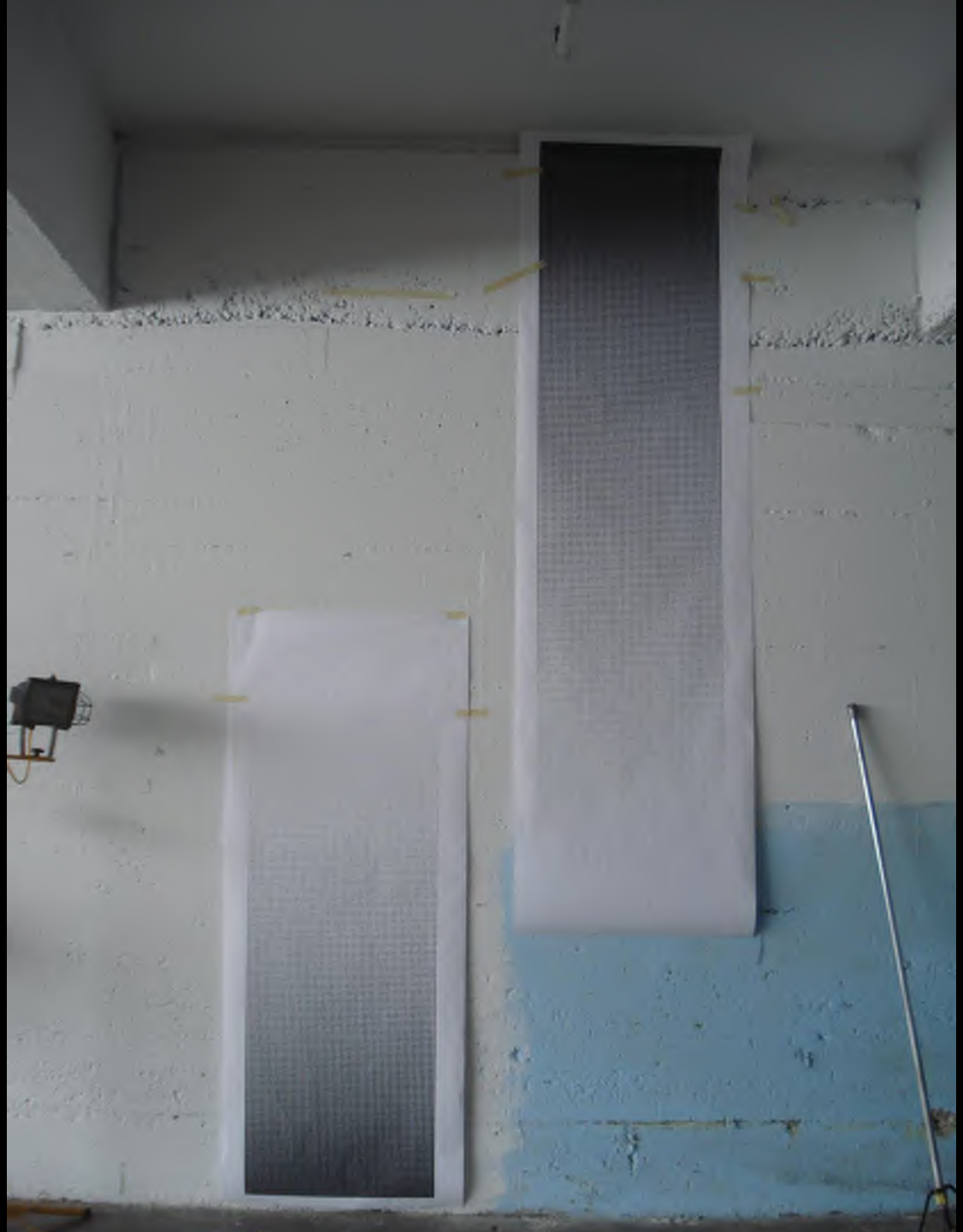
We trust the above is satisfactory, however if you have any questions do not hesitate to contact.

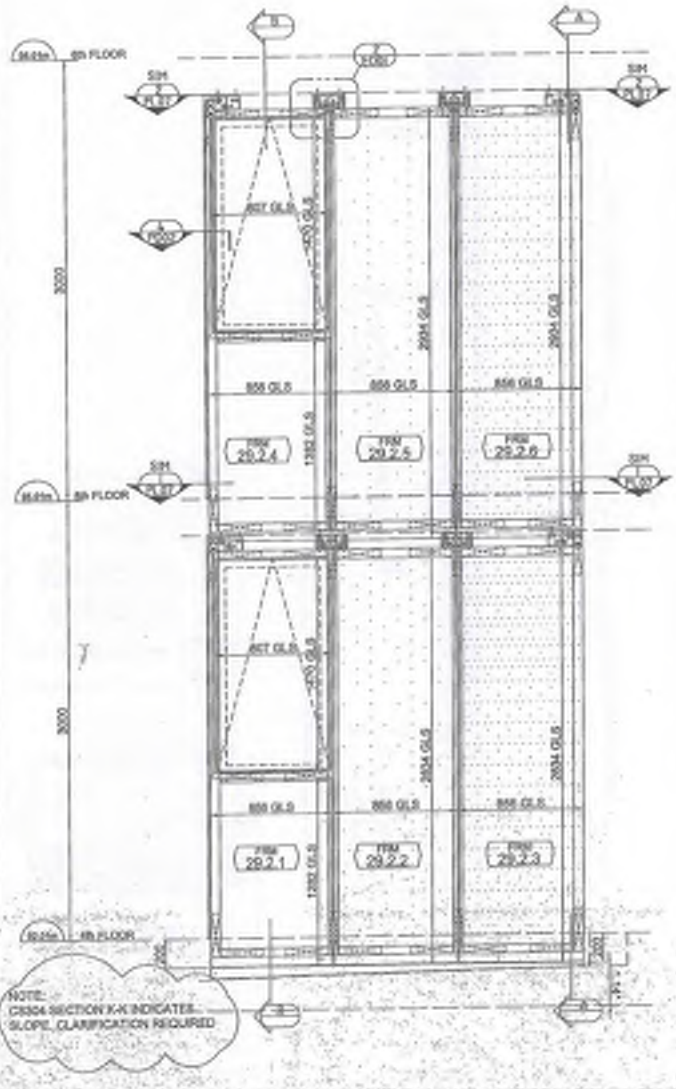
Yours truly,

Field Review Consultants

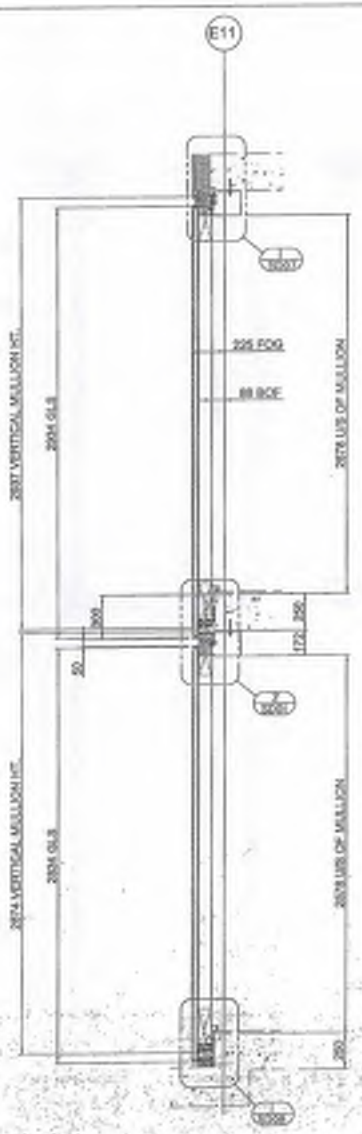
Fikry Messiha, P. Eng., PMP



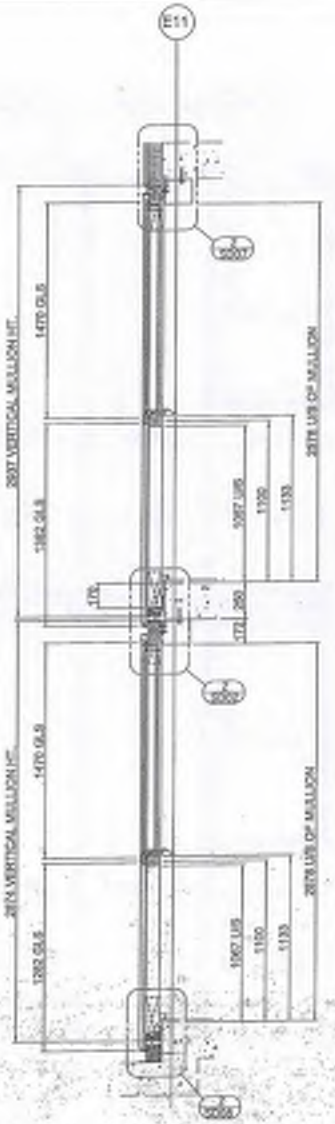




CW-29.2
Arch. Ref.: 1M433; Wall 1, South Elevation
GUEST: BID Ref: 0005, South Elevation



SECTION A-A



SECTION B-B

FRM XX.X.XX = FRAME CODE
FRAME NUMBER
CURTAIN WALL Nbr.

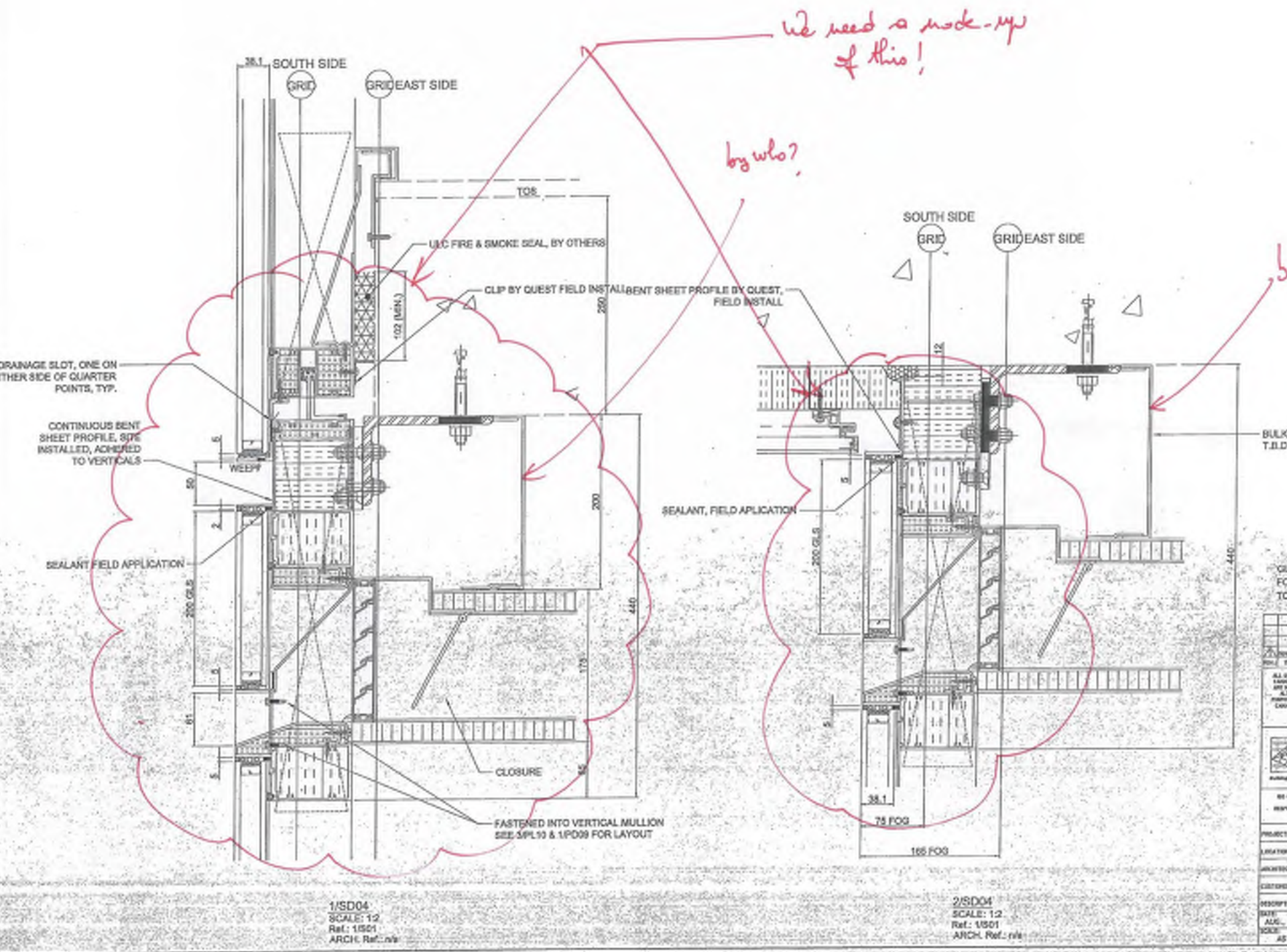
FOG = FACE OF GLASS
BOF = BACK OF FRAME
GLS = GLASS SIZE
EOS = EDGE OF SLAB

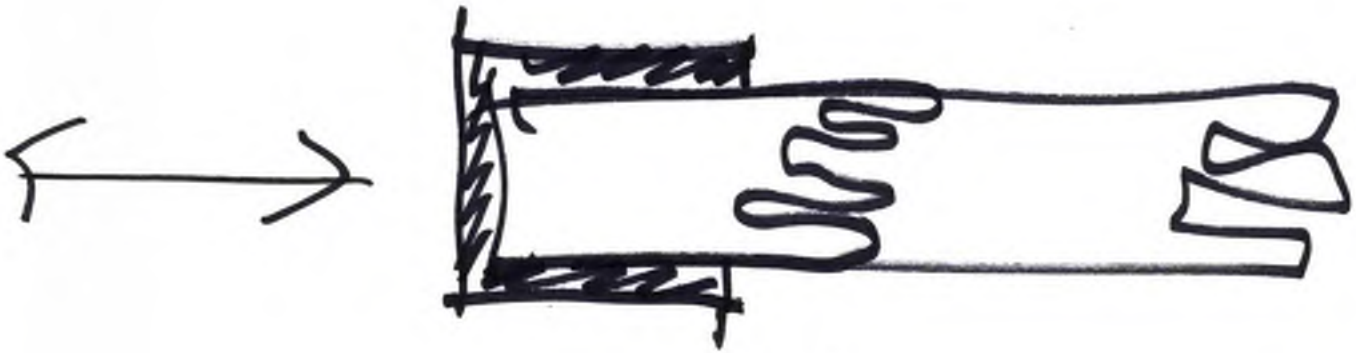
2 FRITTED GLASS COLOR #2
1 FRITTED GLASS COLOR #1
0 TRANSPARENT GLASS

(MATCH PATTERN DOES NOT REPRESENT ACTUAL FRIT TO BE USED)

NOTE:
REINFORCING TO BE ADVISED BY ENGINEER FOR LOCATION AND QUANTITY.

PROJECT	Mixed City Phase 2 - Block A East
LOCATION	WEST DON LANDS Toronto Ontario
ARCHITECT	SAUCIER+PERROTTE ARCHITECTS
CUSTOMER	GUEST VISION SYSTEMS
DESCRIPTION	SOUTH ELEVATION, WALL 1
DATE	SEPT., 2013
SCALE	1/8
DRAWING NO.	CW-29.2

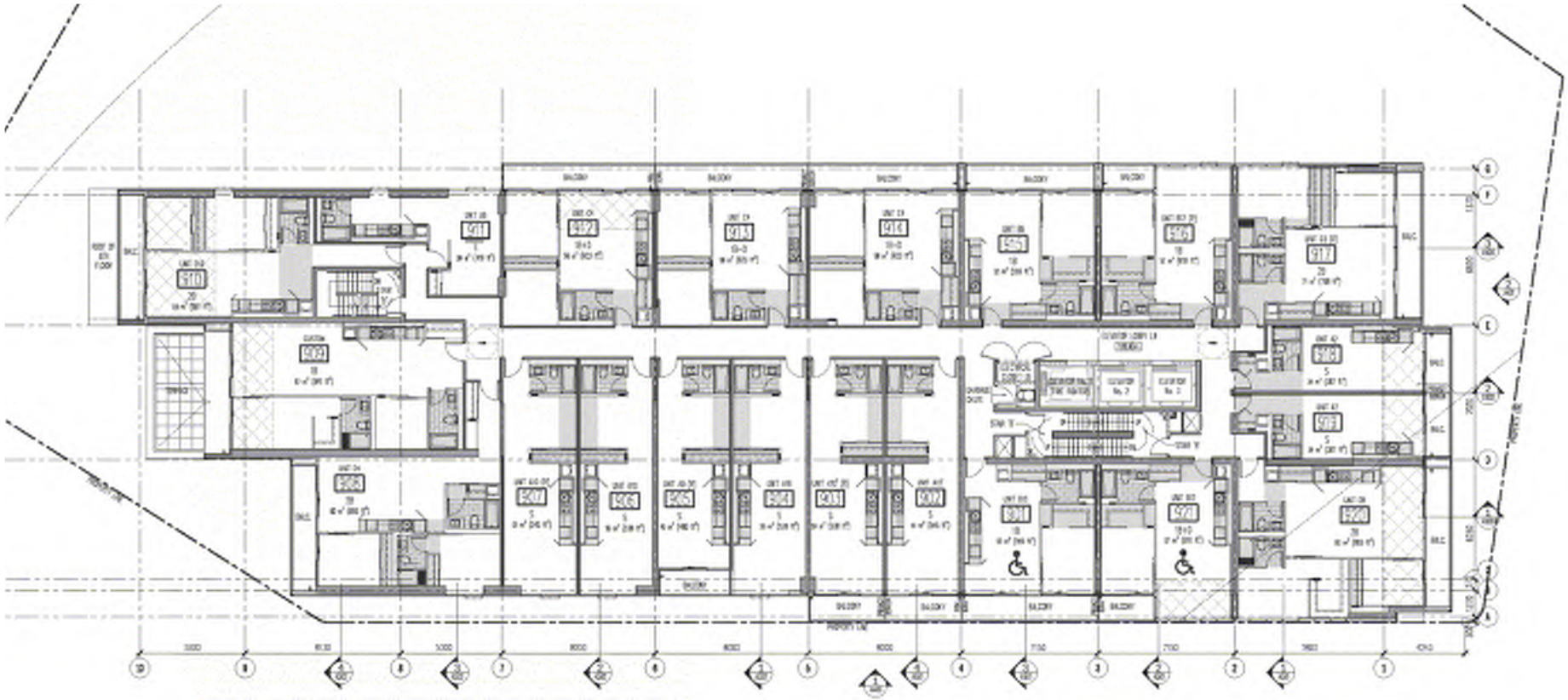

we need a mock-up of this!
by who?
SOUTH SIDE
GRID
GRID
EAST SIDE
TOS
U/C FIRE & SMOKE SEAL, BY OTHERS
CLIP BY QUEST FIELD INSTALL
BENT SHEET PROFILE BY QUEST, FIELD INSTALL
DRAINAGE SLOT, ONE ON EITHER SIDE OF QUARTER POINTS, TYP.
CONTINUOUS BENT SHEET PROFILE, SITE INSTALLED, ADHERED TO VERTICALS
WEEP
SEALANT FIELD APPLICATION
CLOSURE
FASTENED INTO VERTICAL MULLION SEE 3/PL10 & 1/PD09 FOR LAYOUT
38.1
75 FOG
165 FOG
1/SD04
SCALE: 1:2
Ref.: 1/S01
ARCH. Ref.: n/a
2/SD04
SCALE: 1:2
Ref.: 1/S01
ARCH. Ref.: n/a

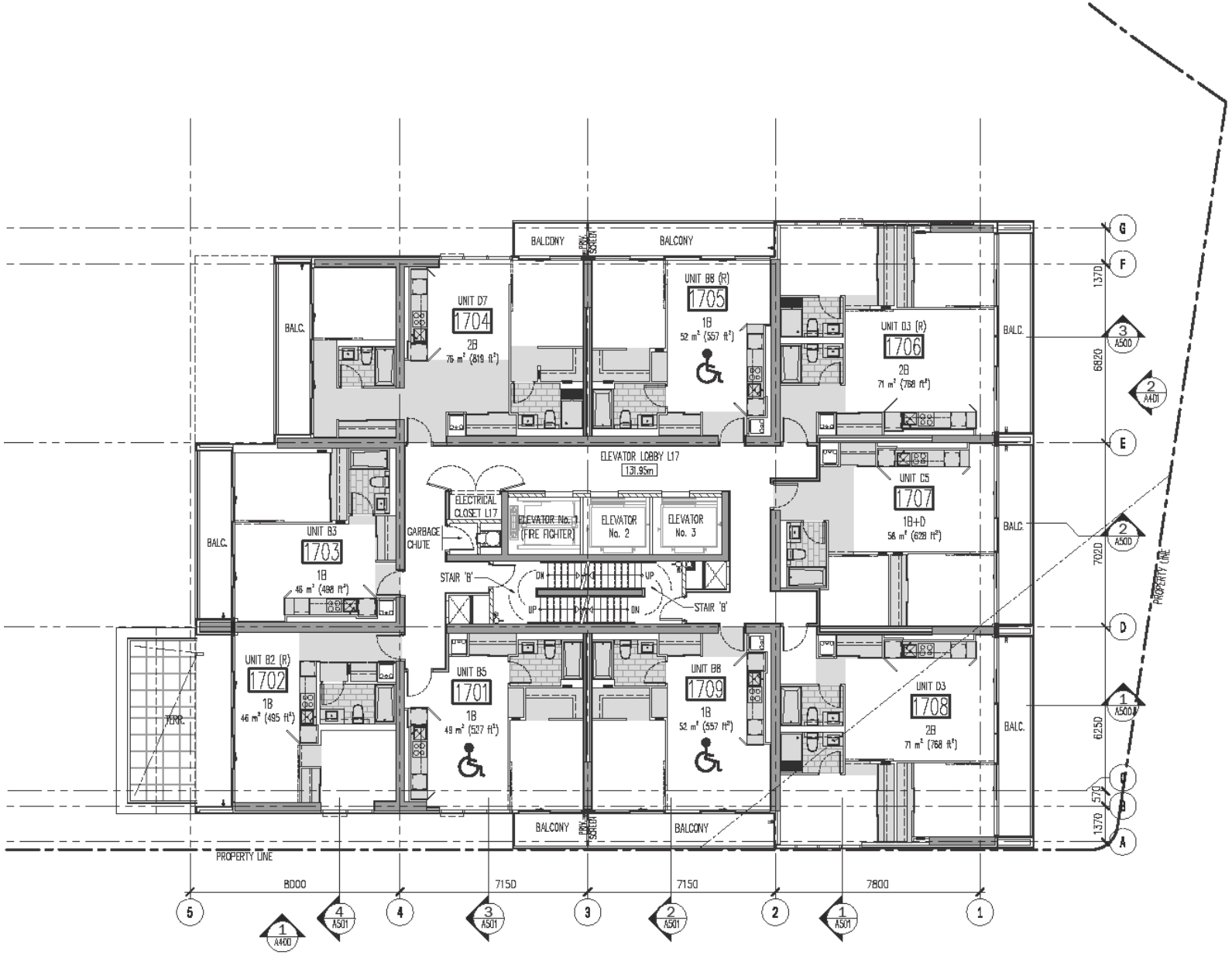


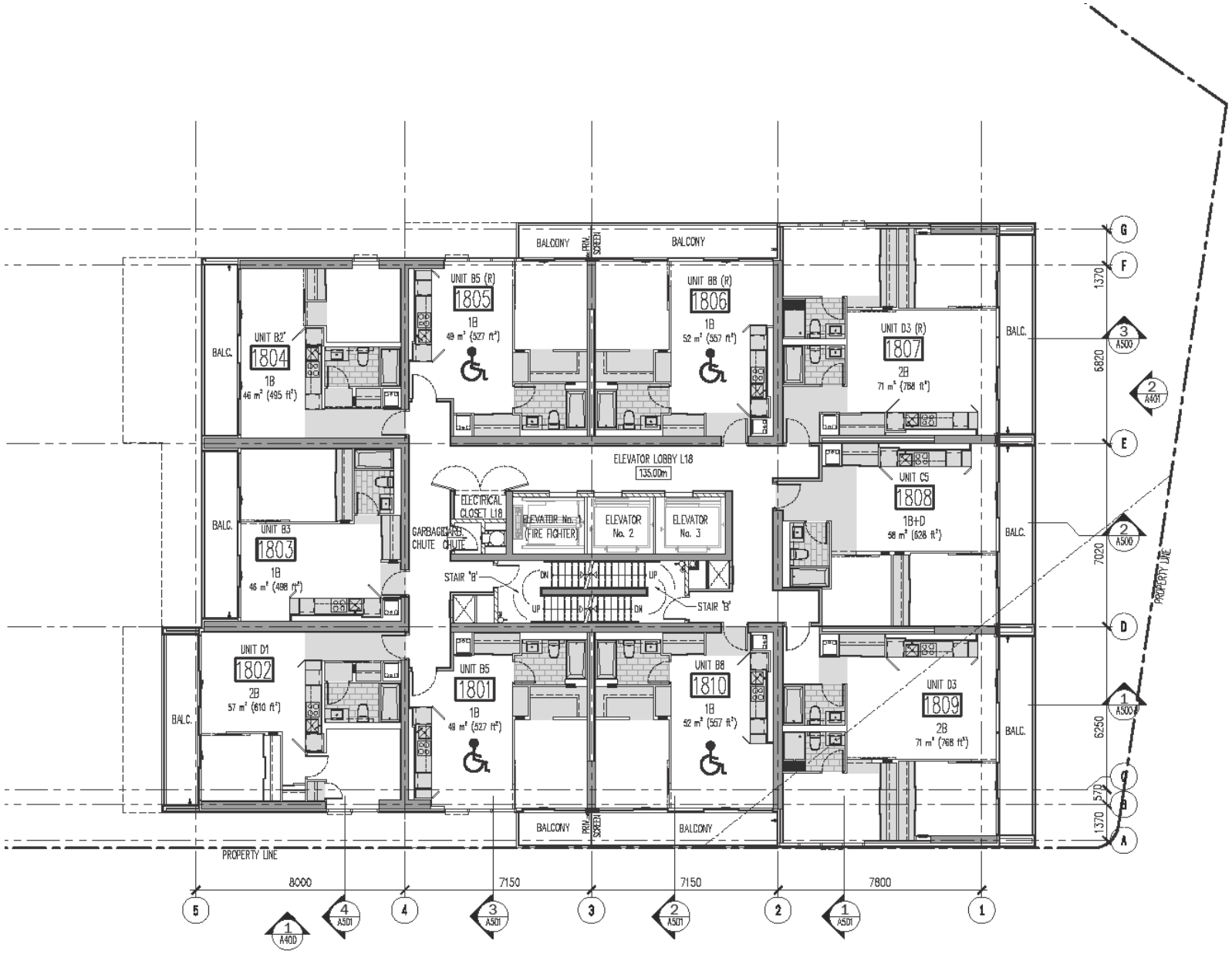
3 18.08.11

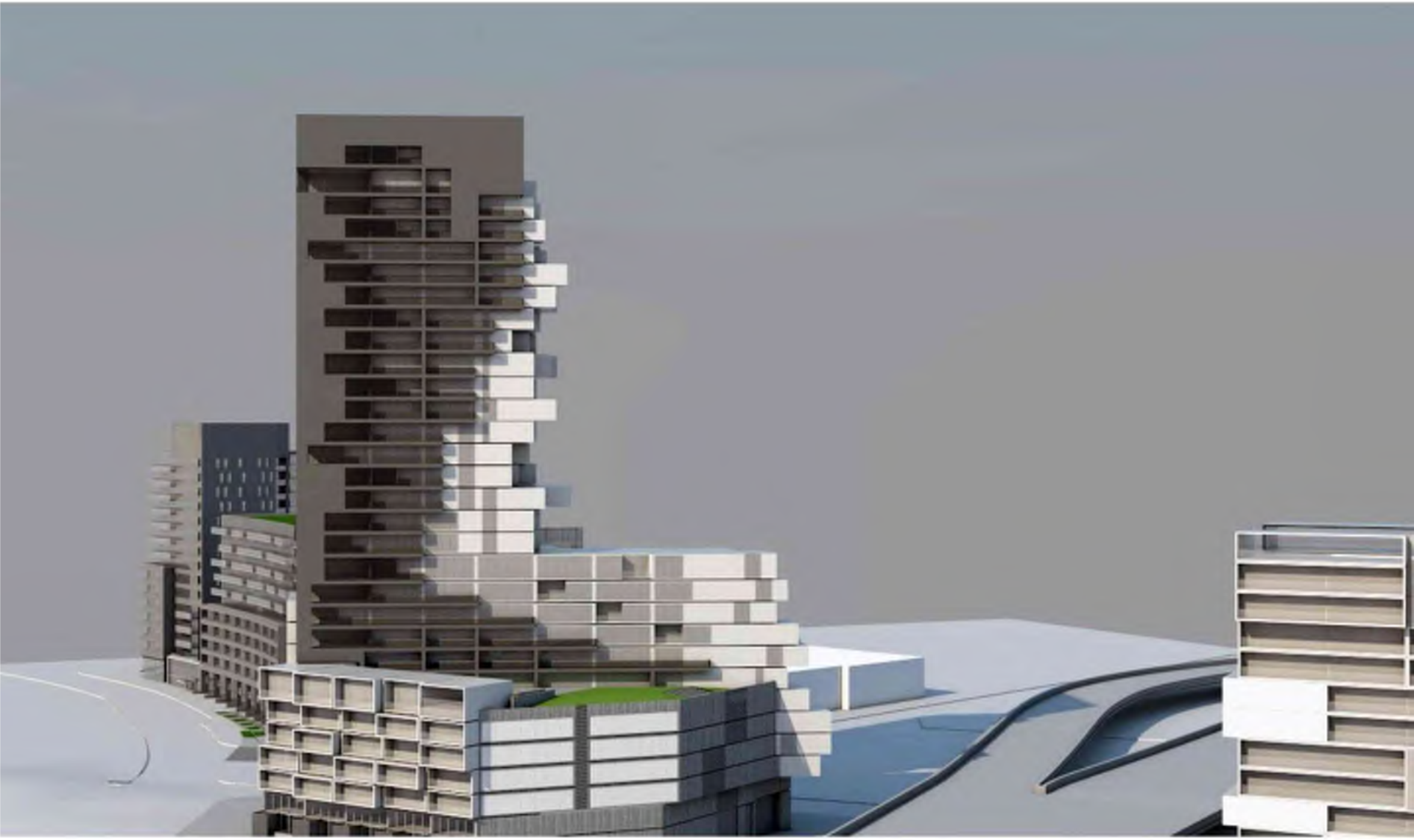
RIVER CITY PHASE 3 URBAN CAPITAL_TORONTO
CLAUDE CORMIER ET ASSOCIÉS

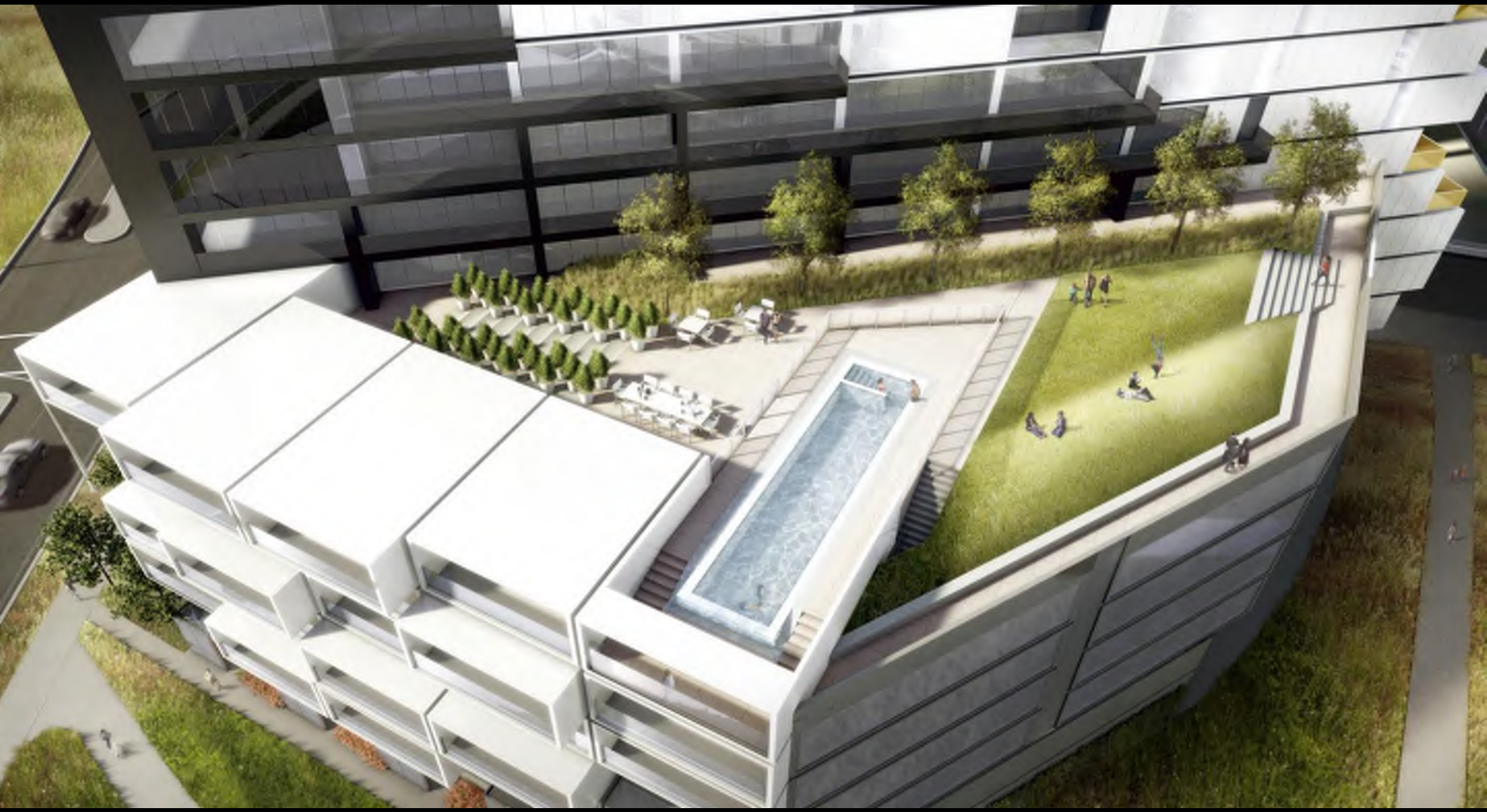
LANDSCAPE - GROUND FLOOR - PLAN

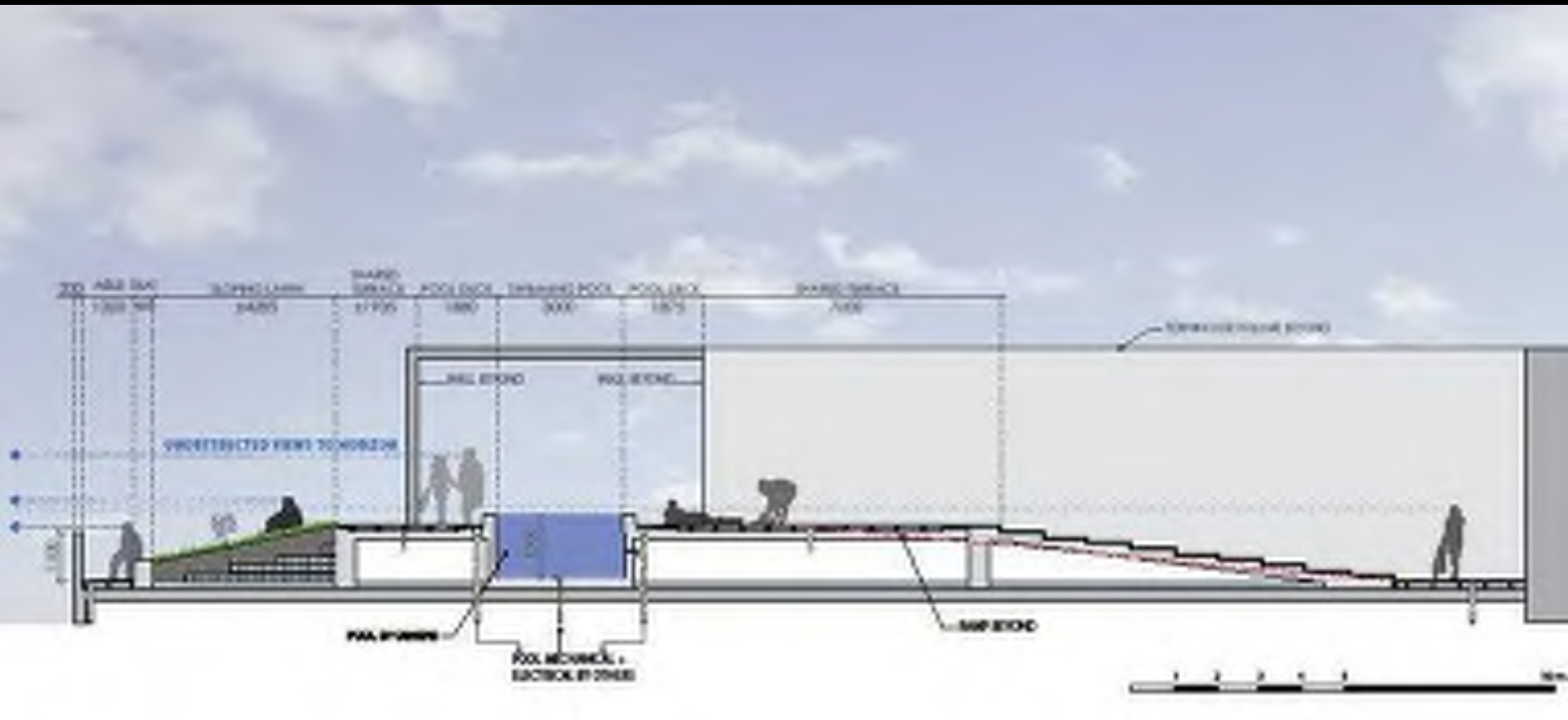



BALCONY
PRIV. SCREEN
BALCONY
UNIT D7
1704
2B
76 m² (819 ft²)
UNIT B8 (R)
1705
1B
52 m² (557 ft²)
UNIT D3 (R)
1706
2B
71 m² (768 ft²)
BALC.
ELEVATOR LOBBY L17
131.95m²
ELECTRICAL CLOSET L17
ELEVATOR No. 1 (FIRE FIGHTER)
ELEVATOR No. 2
ELEVATOR No. 3
GARBAGE CHUTE
STAIR 'B'
UP
DN
UNIT C5
1707
1B+D
58 m² (629 ft²)
UNIT B3
1703
1B
46 m² (498 ft²)
UNIT B2 (R)
1702
1B
46 m² (495 ft²)
TERR.
UNIT B5
1701
1B
49 m² (527 ft²)
UNIT B8
1709
1B
52 m² (557 ft²)
UNIT D3
1708
2B
71 m² (768 ft²)
PROPERTY LINE
BALCONY
PRIV. SCREEN
BALCONY
PROPERTY LINE
8000
7150
7150
7800
1370
6820
700
6250
570
1370
G
F
E
D
C
B
A
5
4
4
3
3
2
2
1
1
A400
A501
A501
A501
A501
A500
A401
A500
A500


BALCONY
PRIV. SCREEN
BALCONY
UNIT B5 (R)
1805
1B
49 m² (527 ft²)
UNIT B8 (R)
1806
1B
52 m² (557 ft²)
UNIT D3 (R)
1807
2B
71 m² (768 ft²)
BALC.
UNIT B2'
1804
1B
46 m² (495 ft²)
ELEVATOR LOBBY L18
135.00m
UNIT C5
1808
1B+D
58 m² (628 ft²)
ELECTRICAL CLOSET L18
ELEVATOR No. 1 (FIRE FIGHTER)
ELEVATOR No. 2
ELEVATOR No. 3
GARBAGE CHUTE
CHUTE
UNIT B3
1803
1B
46 m² (488 ft²)
STAIR 'B'
STAIR 'A'
UP
DN
UNIT D1
1802
2B
57 m² (610 ft²)
UNIT B5
1801
1B
49 m² (527 ft²)
UNIT B8
1810
1B
52 m² (557 ft²)
UNIT D3
1809
2B
71 m² (768 ft²)
PROPERTY LINE
8000
7150
7150
7800
1370
6820
7020
6250
570
1370
G
F
E
D
C
B
A
5
4
3
2
1
A400
A501
A500
A401





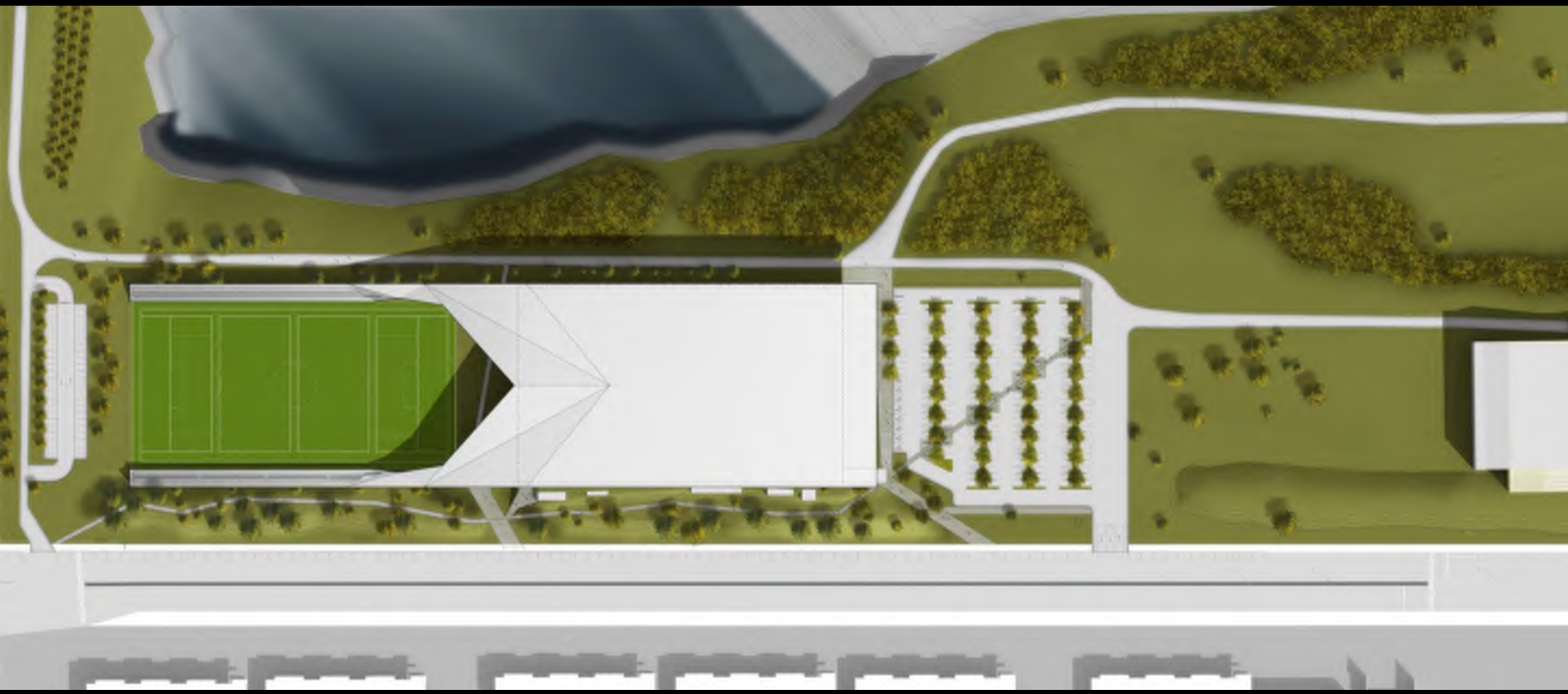


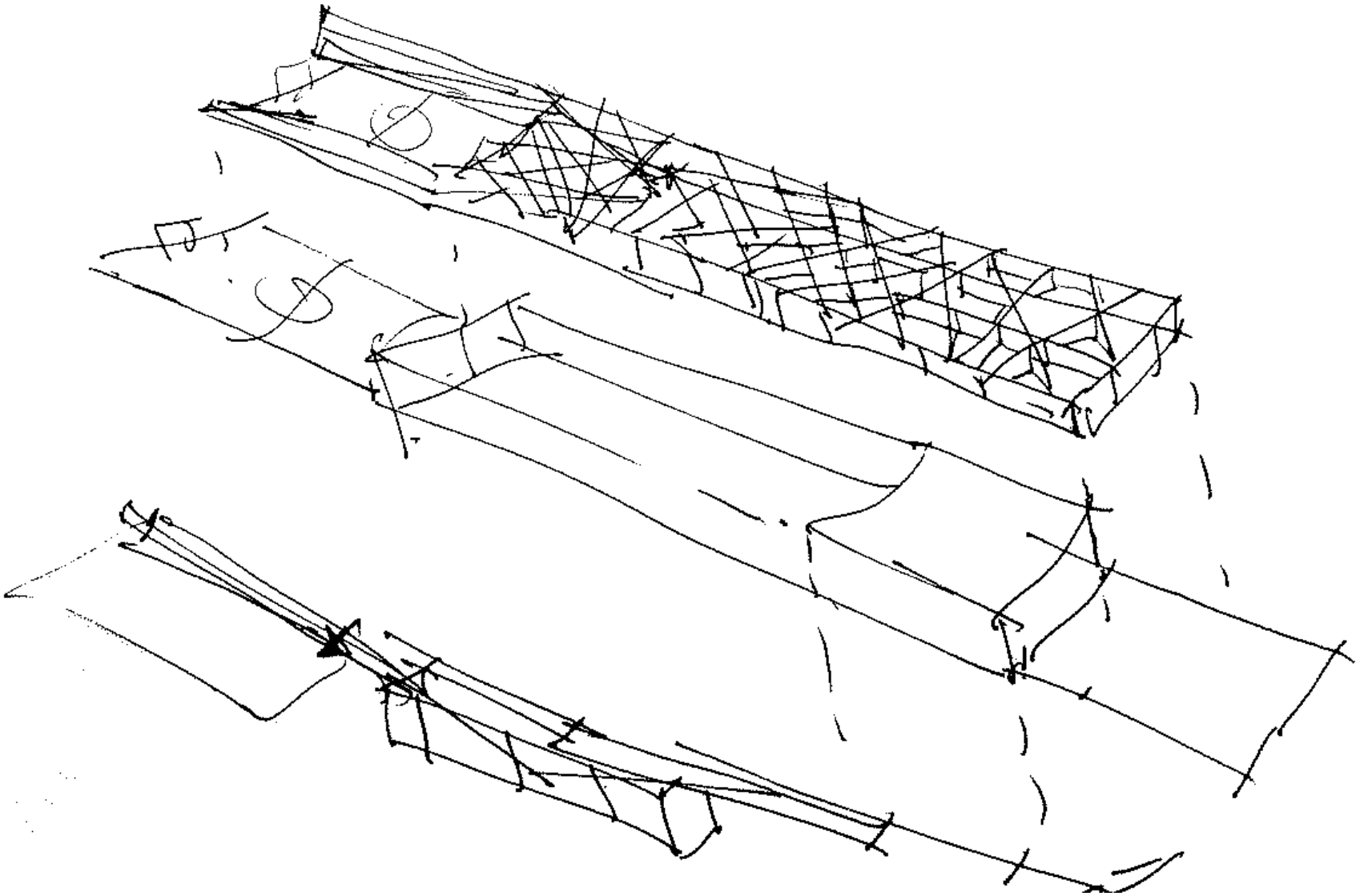
3

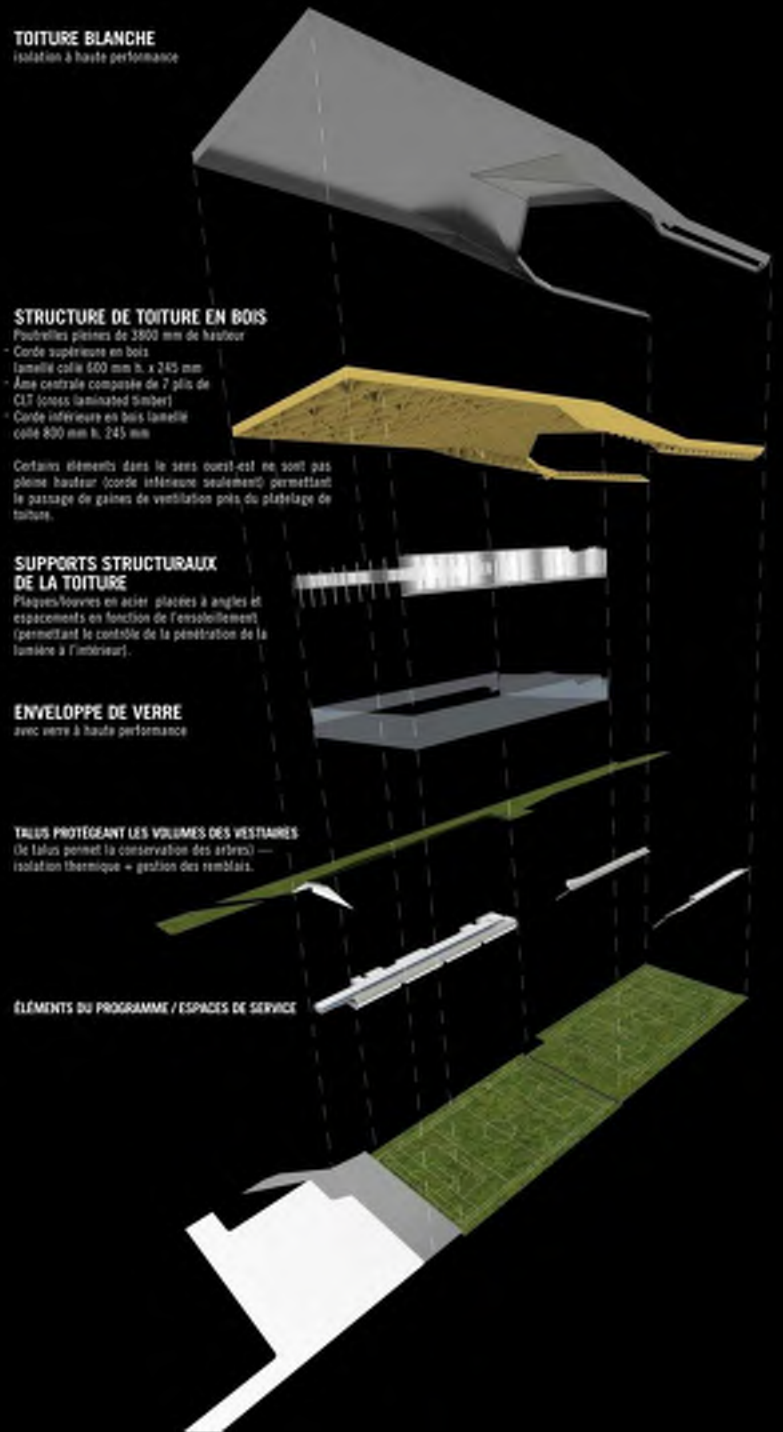
COMPLEXE DE SOCCER

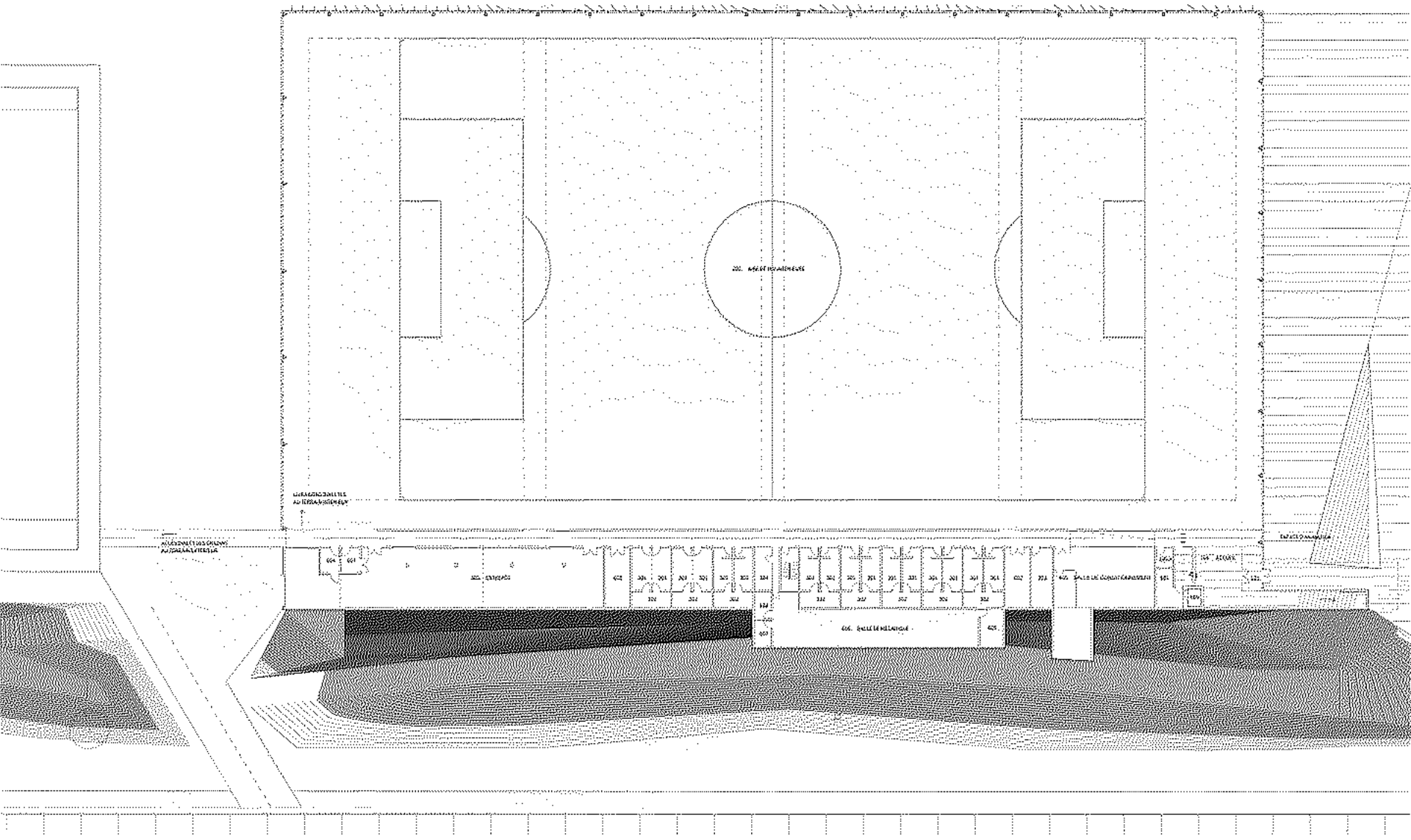
au CESM

Montréal

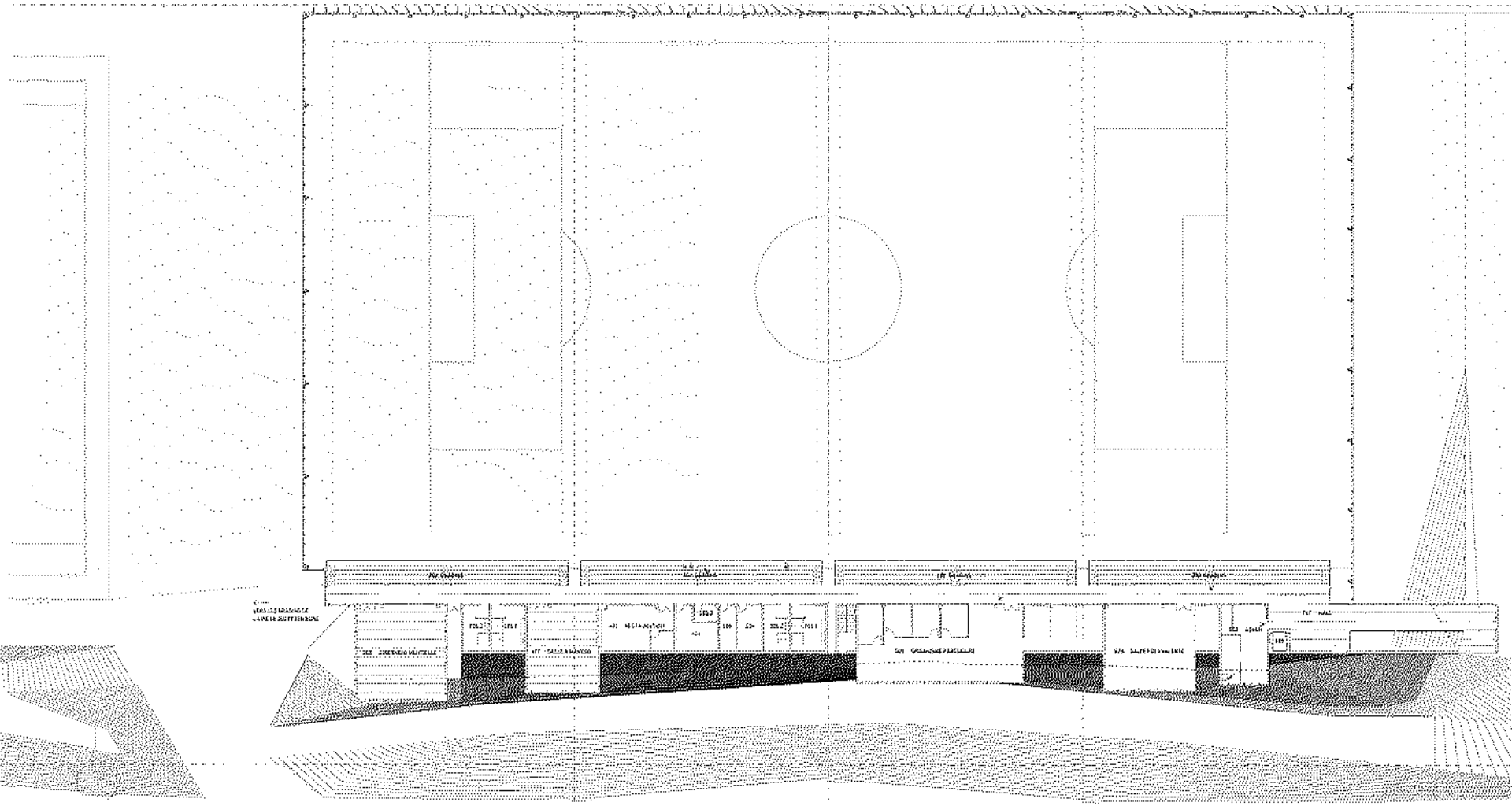




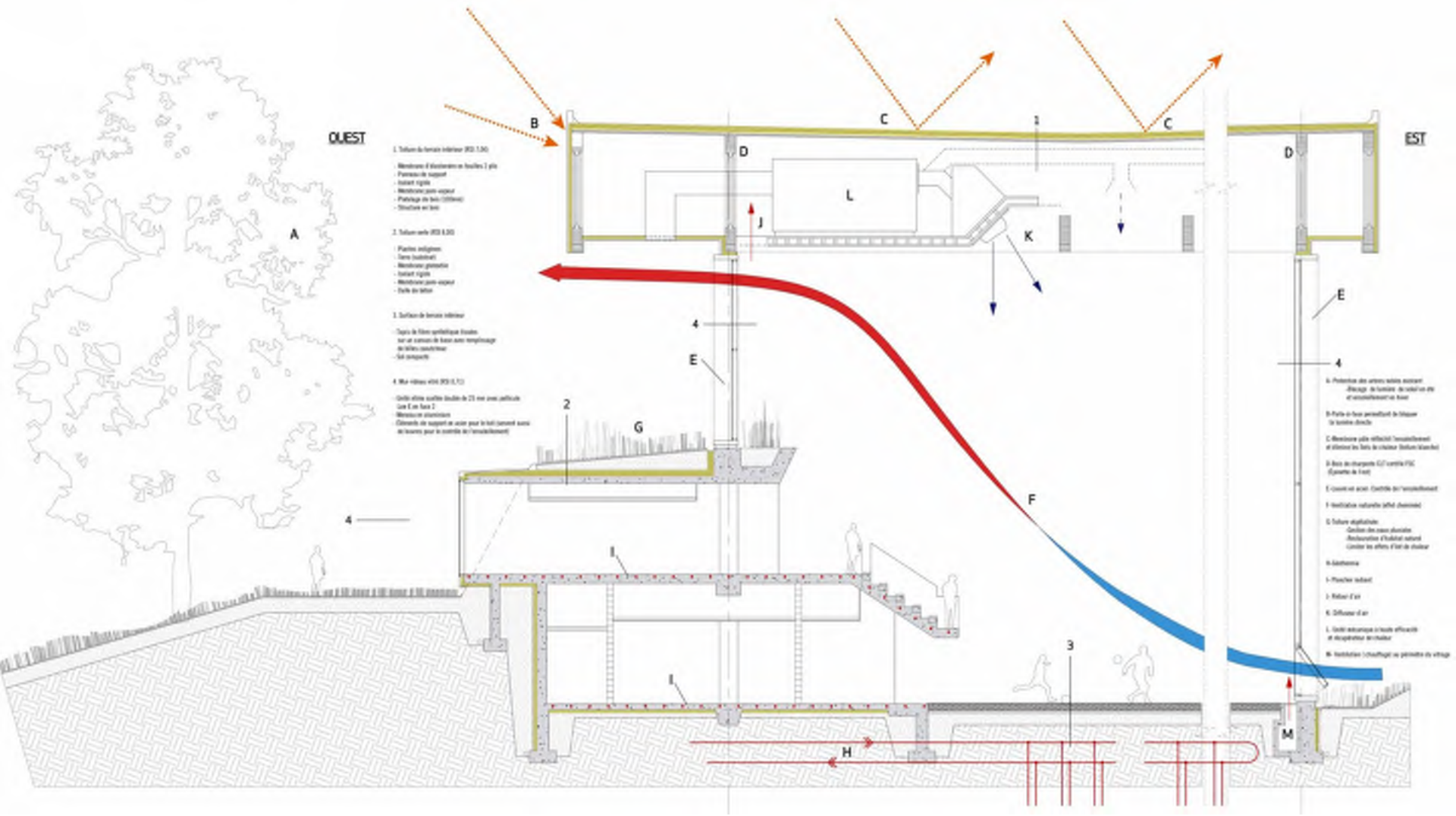

TOITURE BLANCHE
isolation à haute performance
STRUCTURE DE TOITURE EN BOIS
Poutrelles pleines de 3800 mm de hauteur
- Corde supérieure en bois lamellé collé 600 mm h. x 245 mm
- Âme centrale composée de 7 plis de CLT (cross laminated timber)
- Corde inférieure en bois lamellé collé 800 mm h. 245 mm
Certains éléments dans le sens ouest-est ne sont pas pleine hauteur (corde inférieure seulement) permettant le passage de gaines de ventilation près du platelage de toiture.
SUPPORTS STRUCTURAUX DE LA TOITURE
Plaques/louvres en acier placées à angles et espacements en fonction de l'ensoleillement (permettant le contrôle de la pénétration de la lumière à l'intérieur).
ENVELOPPE DE VERRE
avec verre à haute performance
TALUS PROTÉGEANT LES VOLUMES DES VESTIAIRES
(le talus permet la conservation des arbres) — isolation thermique + gestion des remblais.
ÉLÉMENTS DU PROGRAMME / ESPACES DE SERVICE

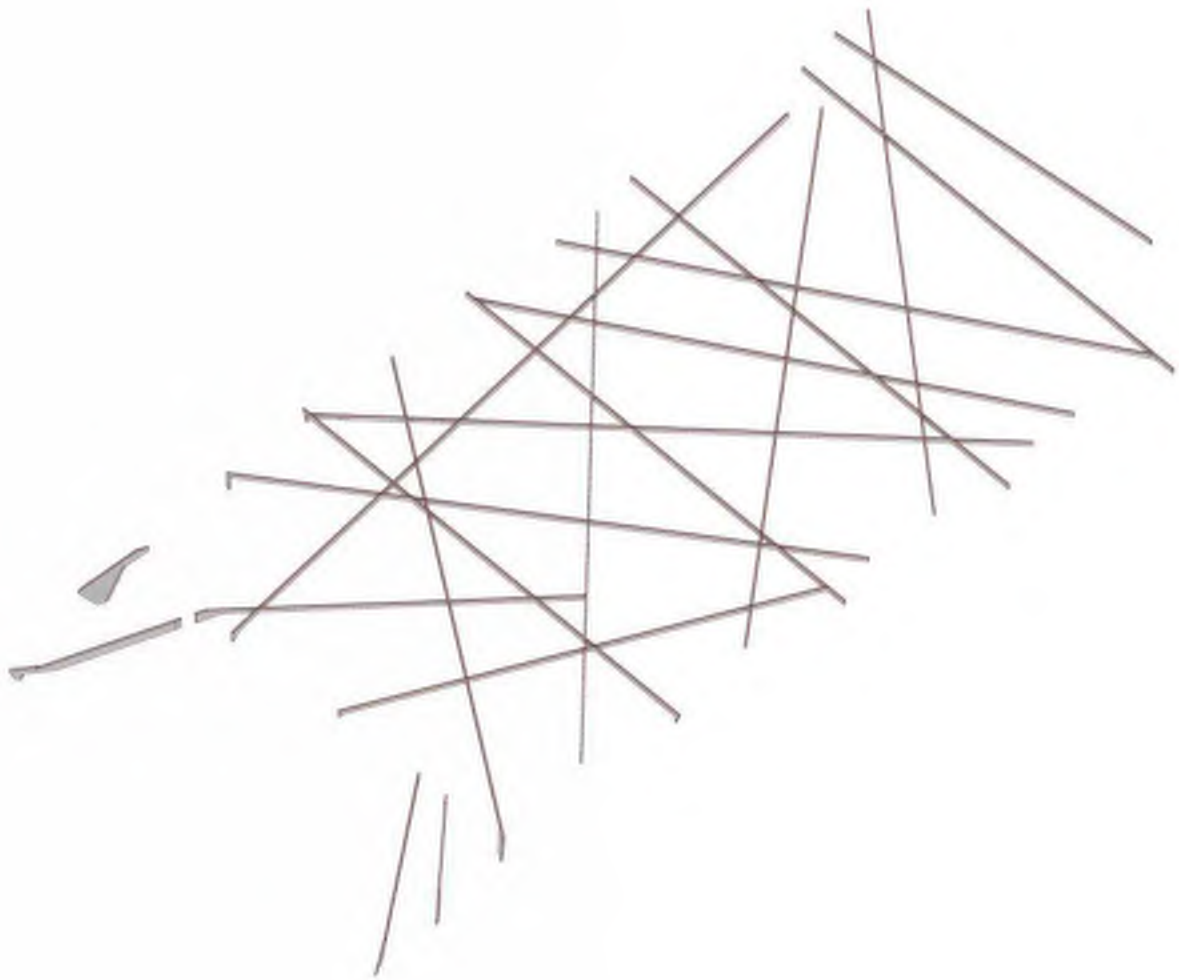


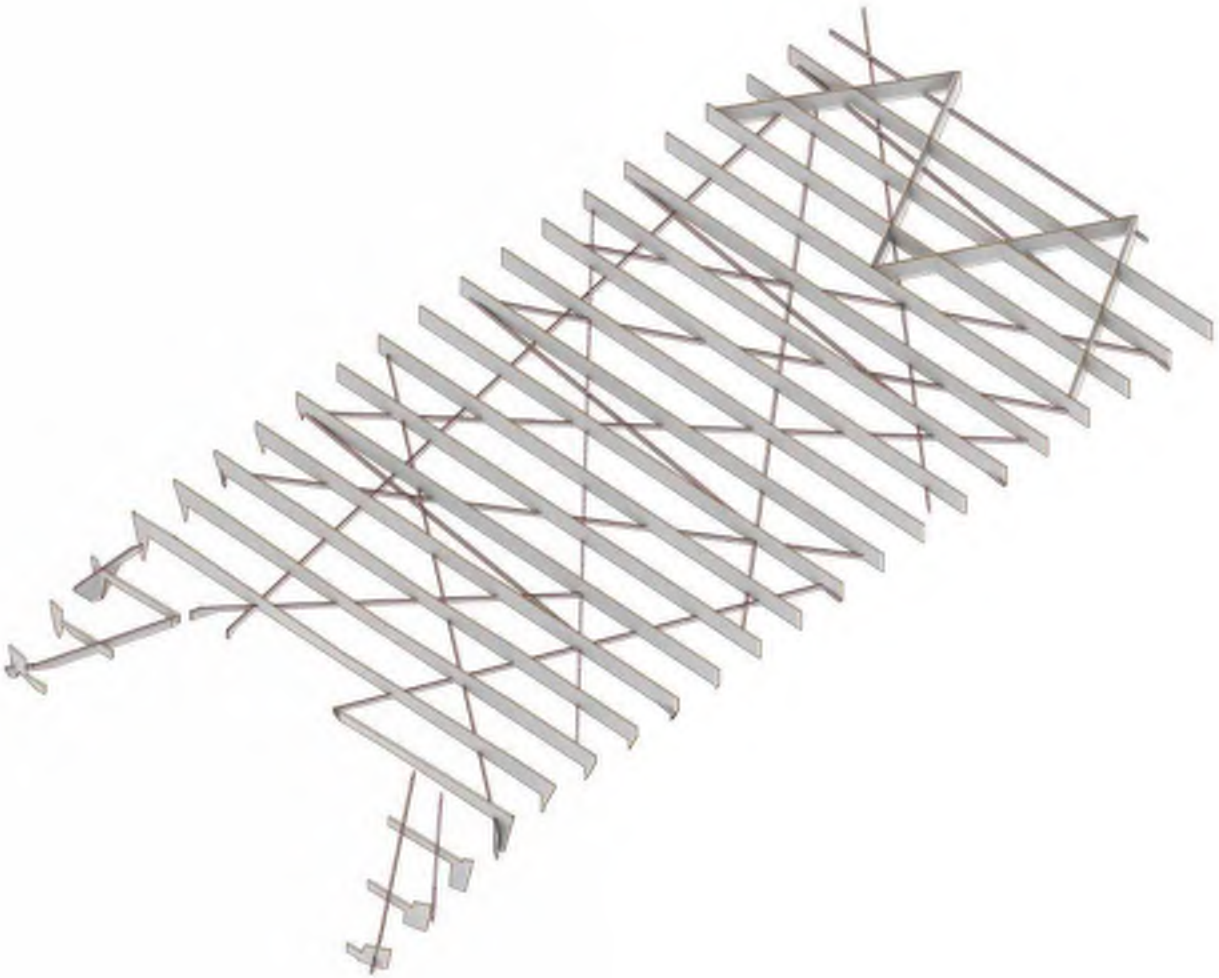
PLAN NIVEAU 1

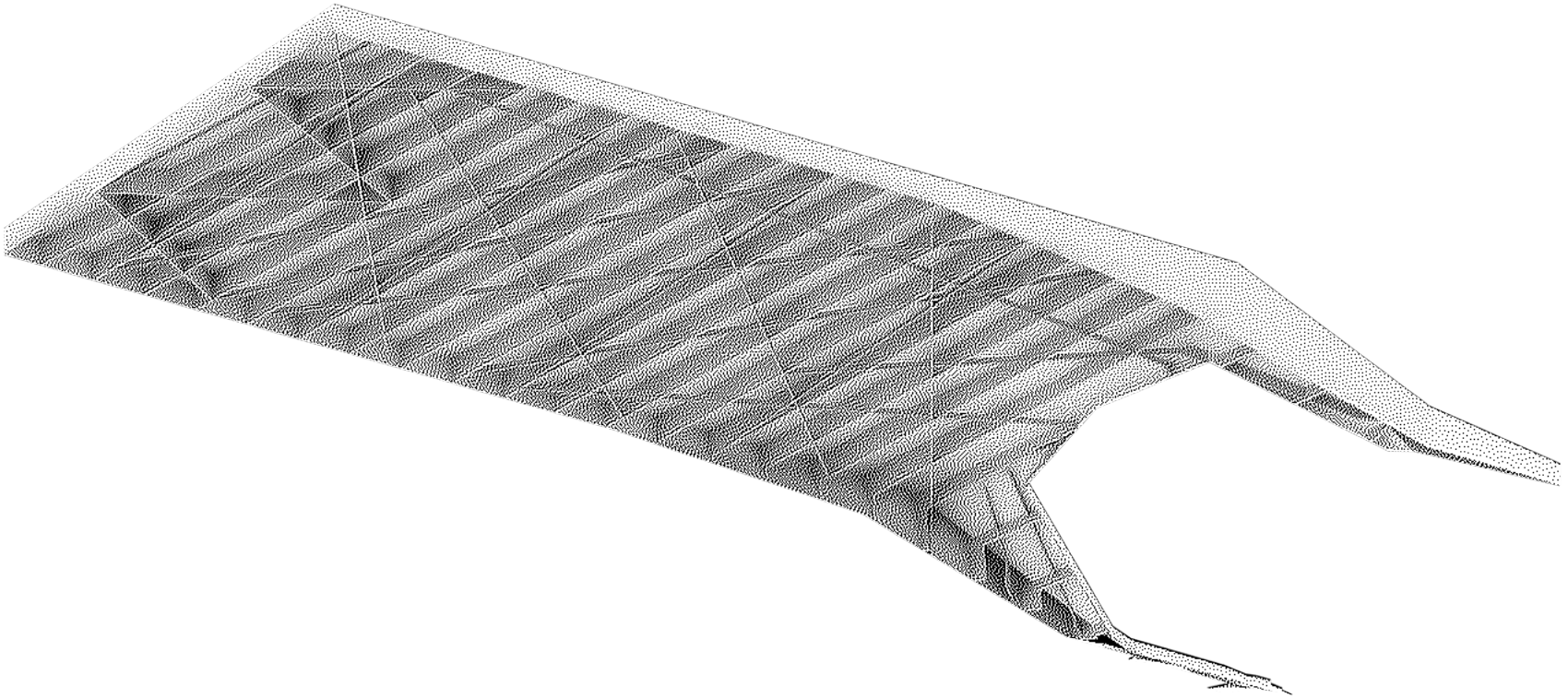


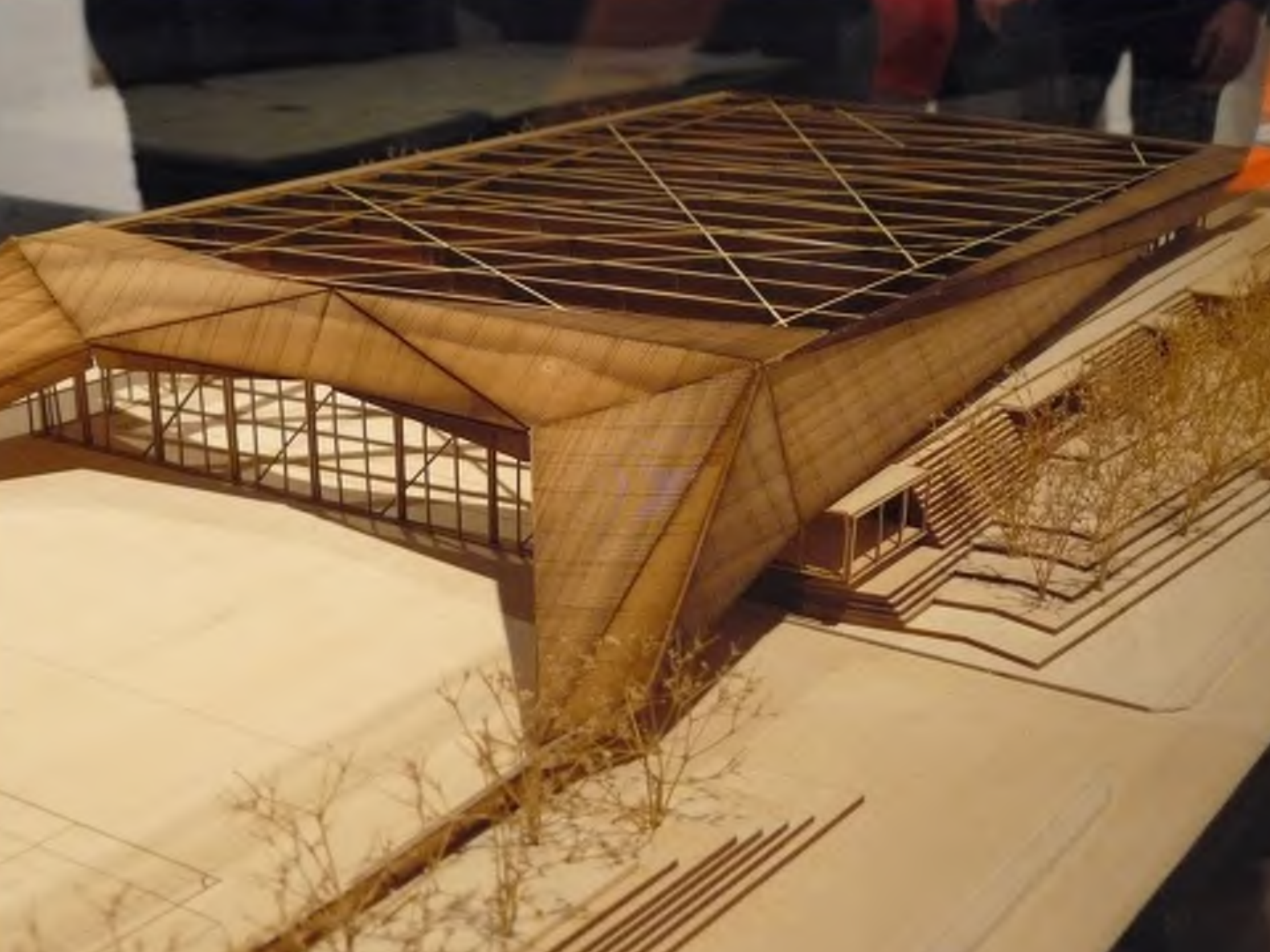
PLAN NIVEAU 2


OUEST
EST
A
B
C
C
1
D
D
L
J
K
E
E
4
4
4
2
G
F
I
I
3
H
M





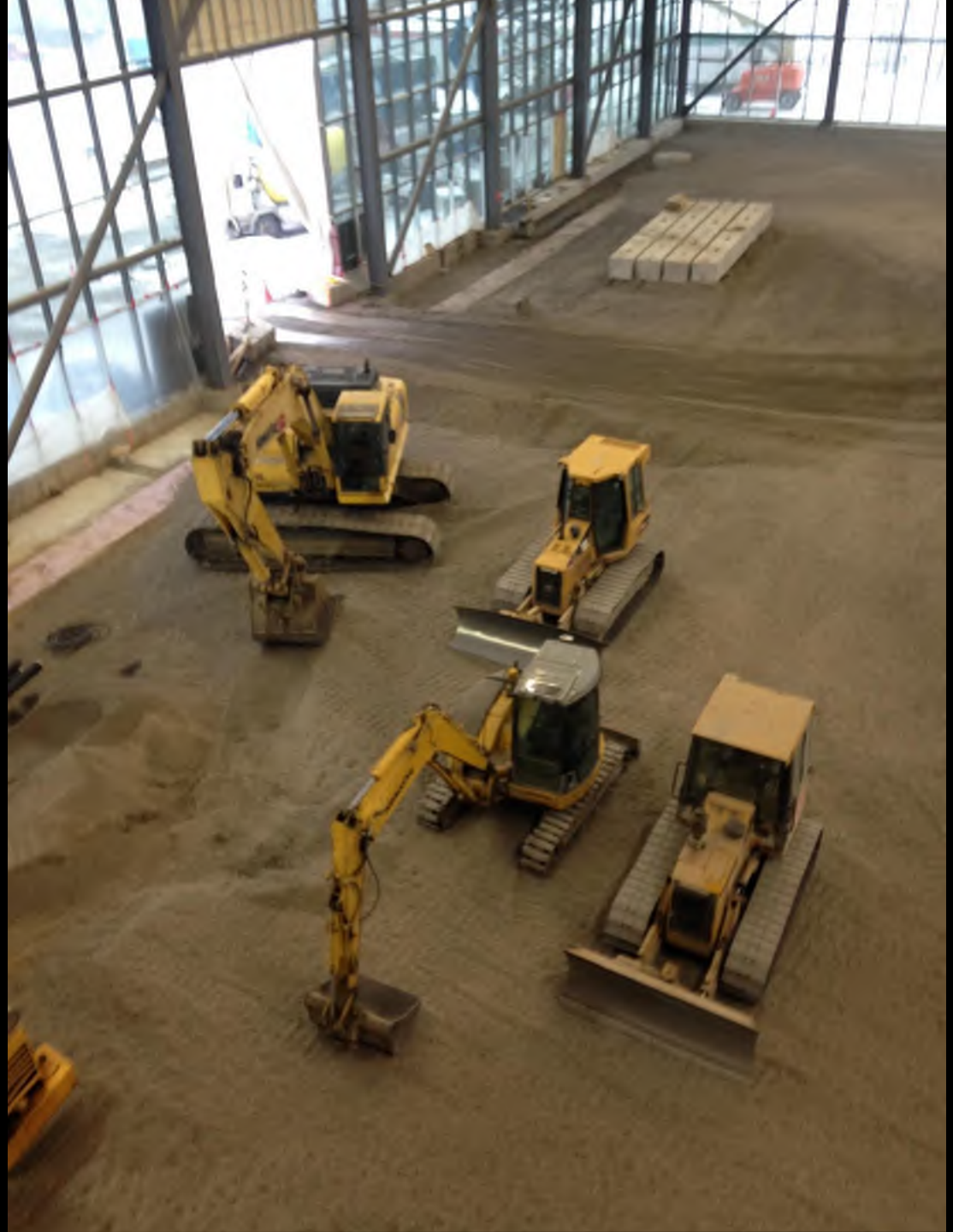


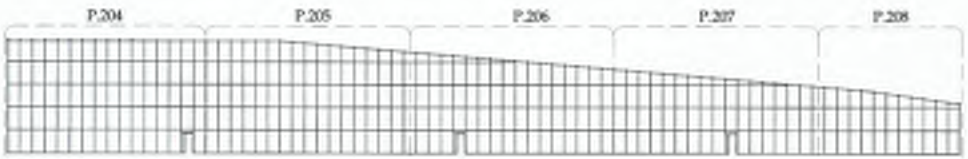


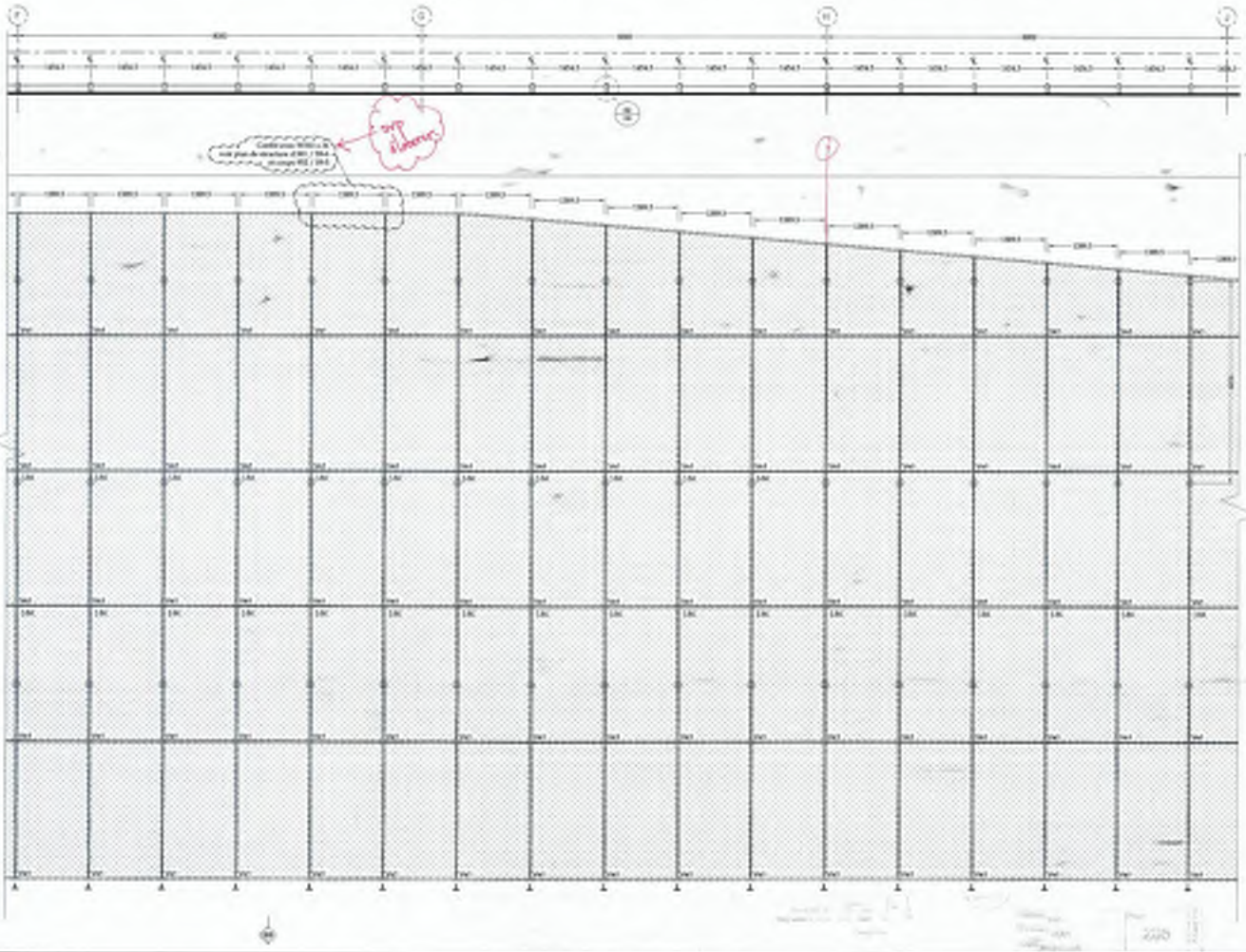

© Olivier Blouin

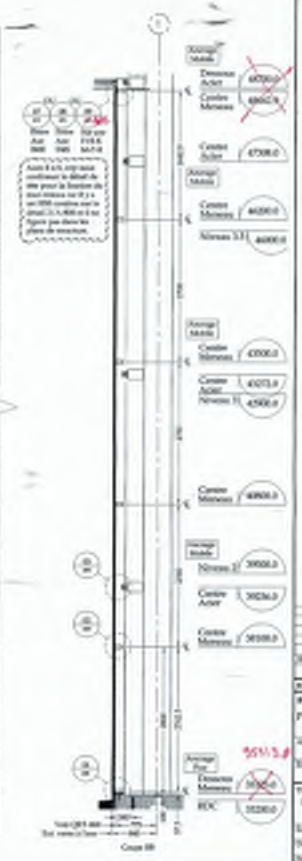

TechniToit
514-461


KOMATSU
CAT









SYSTÈMES STEKAR SYSTEMS INC.

NOTES GÉNÉRALES

DESCRIPTION GÉNÉRALE

RETOURNÉ 24 JAN 20..

Date	#	Révision	Dessiné

Projet: 10-008

Projet: Centre de Soccer CESM

Architecte: Saucier + Perrotte Architectes

Entrepreneur: TEQ

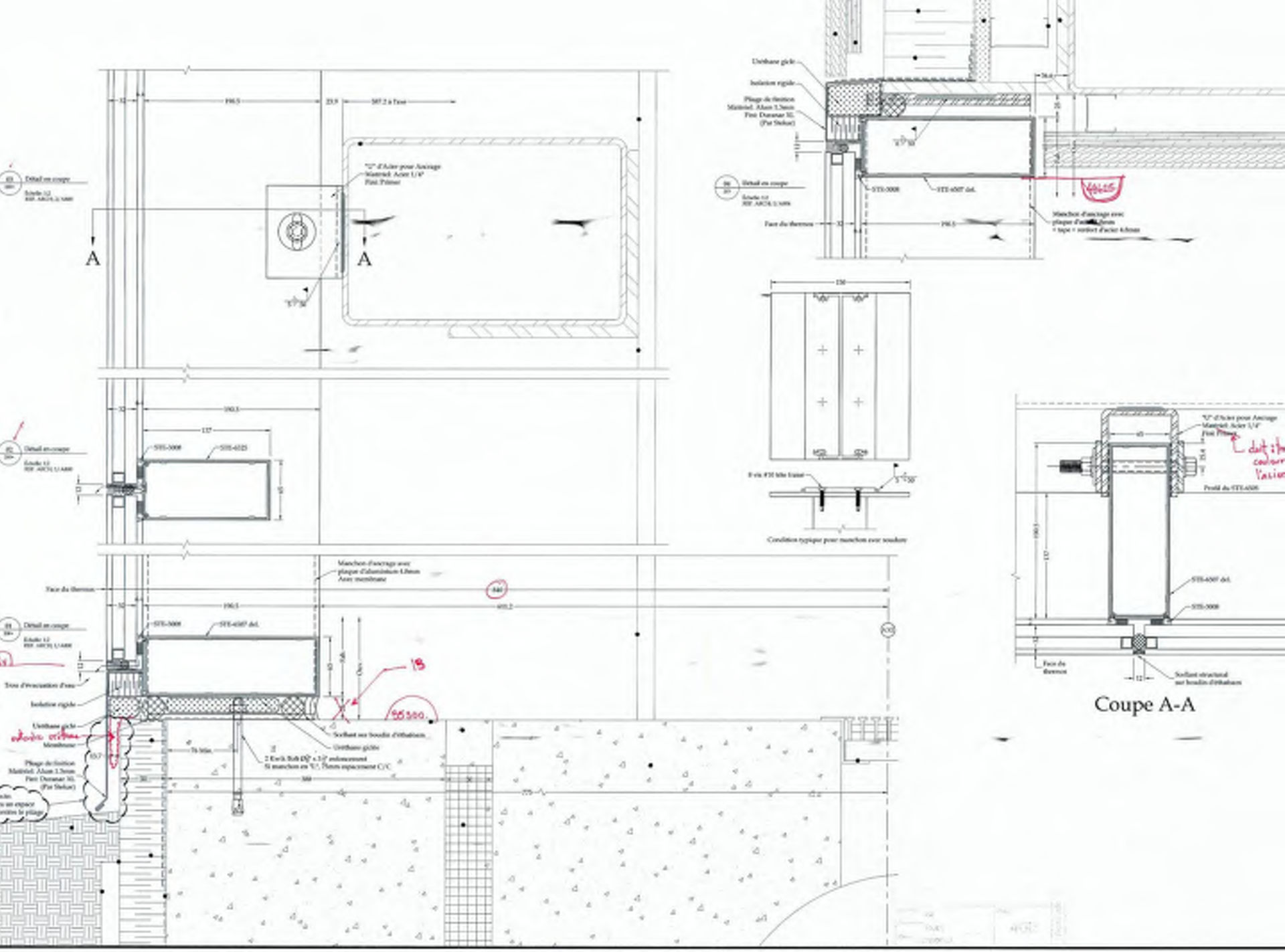
Titre du dessin: Élévation MR02

Échelle: N/A

Dessiné: ROO

Date: 2019-01-15

Page: 205


A
A
Membrane
Coupe A-A


GLOBUS
EUROGOAL

ESSAI DE RÉSISTANCE AUX IMPACTS D'UN BALLON DE SOCCER CONFORMÉMENT À LA PROCÉDURE DÉCRITE DANS L'OFFRE DE SERVICE M2999-B DE PATENAUDE-TREMPE VAN DALEN

Rapport No.:

AC-00096-A

Préparé pour :

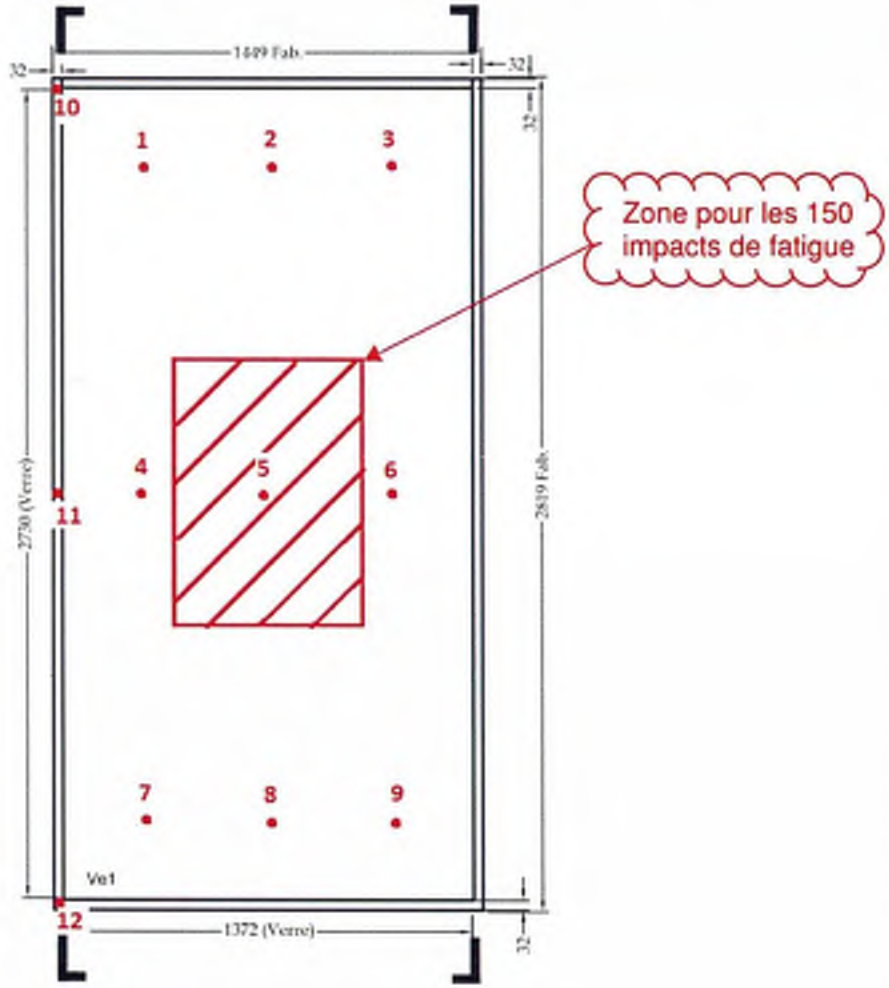
VILLE DE MONTRÉAL
303, RUE NOTRE-DAME EST, 2e ÉTAGE
MONTRÉAL (QC)
H2Y 3Y8

SOMMAIRES DES RÉSULTATS:

Type de produit:	Mur rideau du manufacturier Stekar
Série/modèle du produit:	Mur rideau en aluminium de la série STE-6507 avec un vitrage double laminé 32mm, vitrage extérieur 6mm clair trempé, vitrage intérieur deux fois 6mm laminé avec un PVB 0.060"
Dimensions hors-tout :	1449 mm (57.05") en largeur x 2819 mm (110.98") en hauteur
Résistance structurale:	- 12 impacts à 12 points différents à une vitesse de 120km/h - 150 impacts au centre de l'échantillon à 120 km/h
Date de la fin des essais:	24/04/2014
Date du rapport:	11/06/2014
Date de révision:	-
Nombre de pages:	5 Pages et 1 Annexe

Note: La référence doit être faite au rapport complet d'Air-Ins inc. pour la description de l'échantillon ainsi que pour les résultats détaillés des essais.

Ballons :	Ballons approuvés FIFA
Pression des ballons:	1.1 atmosphère (15.6psi)
Canon à ballon:	Jugs Soccer Machine
Vitesse:	120km/h +/- 5 km/h (74.6mph +/- 3.1mph)
Impact ponctuel:	12 points d'impact tel qu'illustré sur la figure 1
Impact de fatigue:	150 impacts dans la zone centrale tel qu'illustré sur la figure 1



Le 6 décembre 1989, la tuerie de l’École Polytechnique de Montréal faisait 14 victimes.

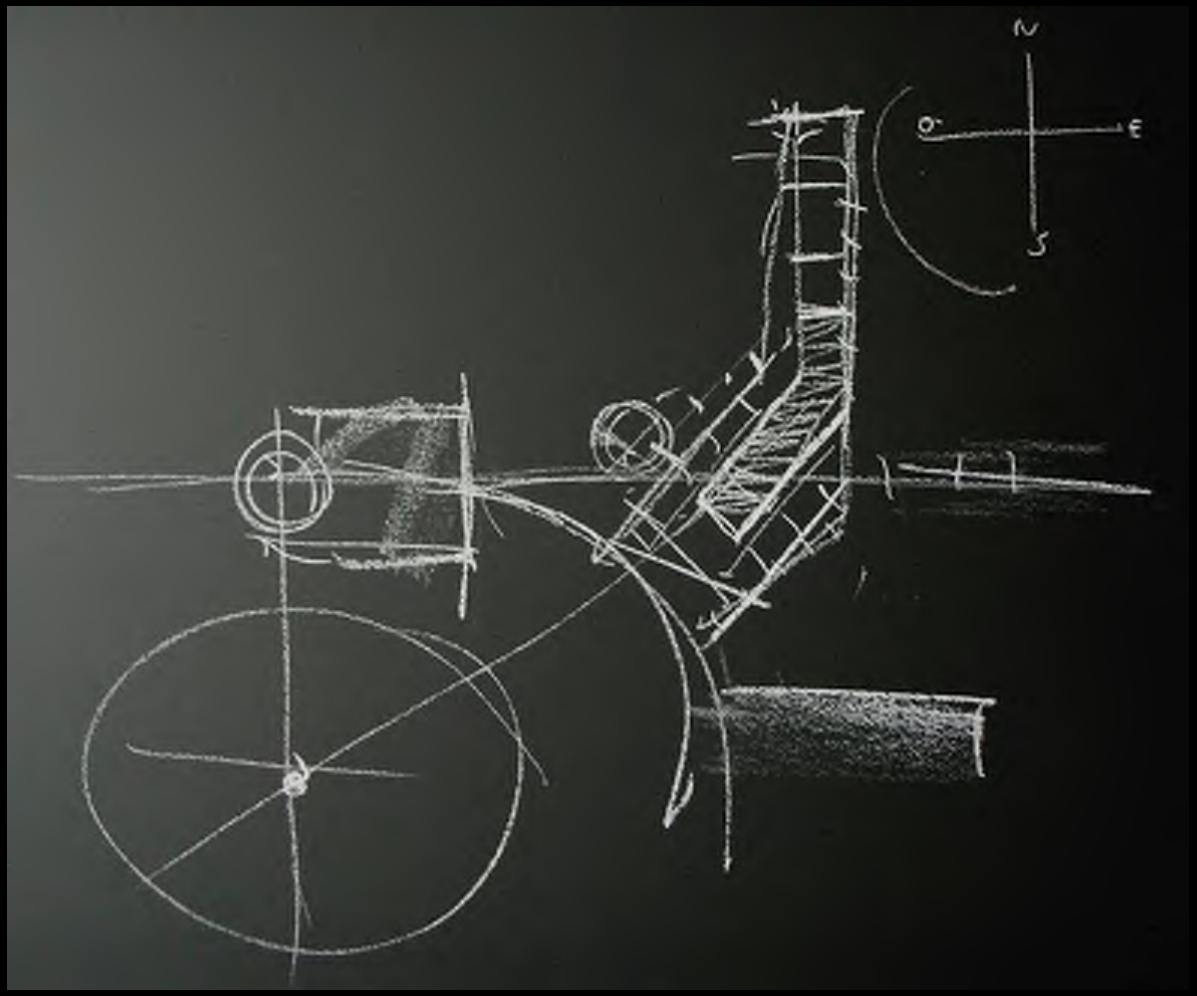
Toutes étaient des femmes.

Parmi elles, une jeune étudiante en génie chimique de 21 ans, Anne-Marie Edward.

L’année précédente, Anne-Marie avait reçu son diplôme en sciences pures et appliquées du Collège John-Abbott.

En avril 2013, le Collège John-Abbott honorait la mémoire d’Anne-Marie Edward en donnant sont nom au nouvel édifice dédié à l’enseignement des sciences.

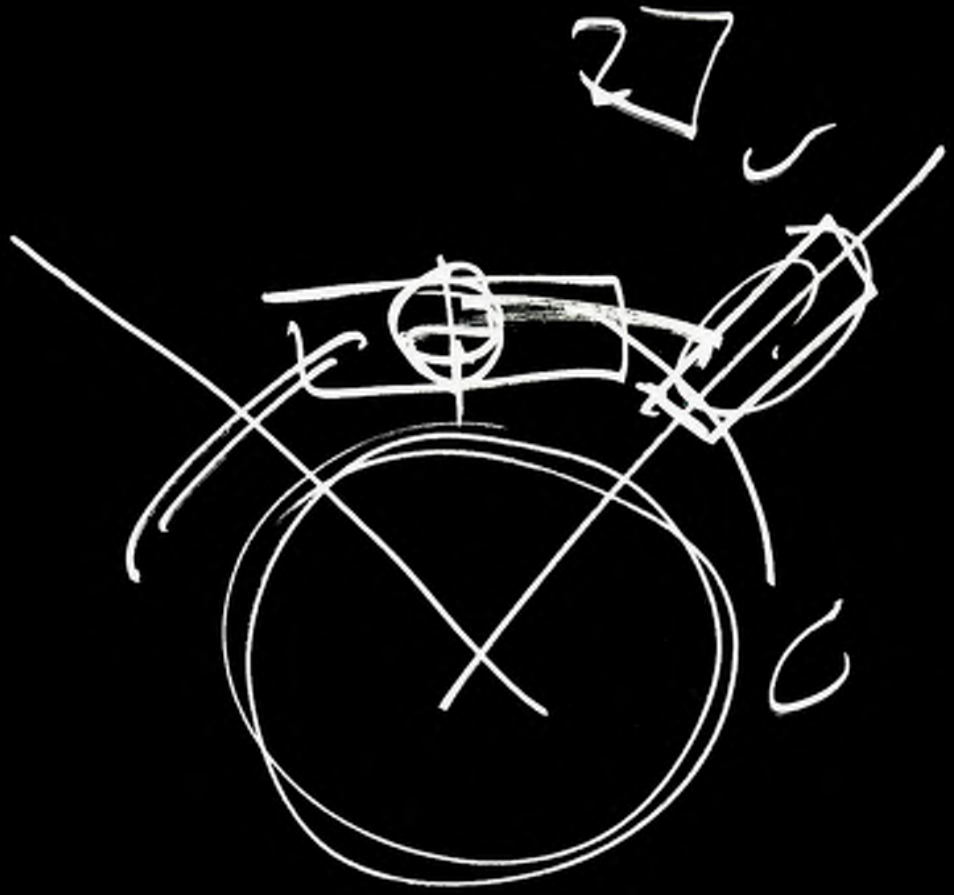
4

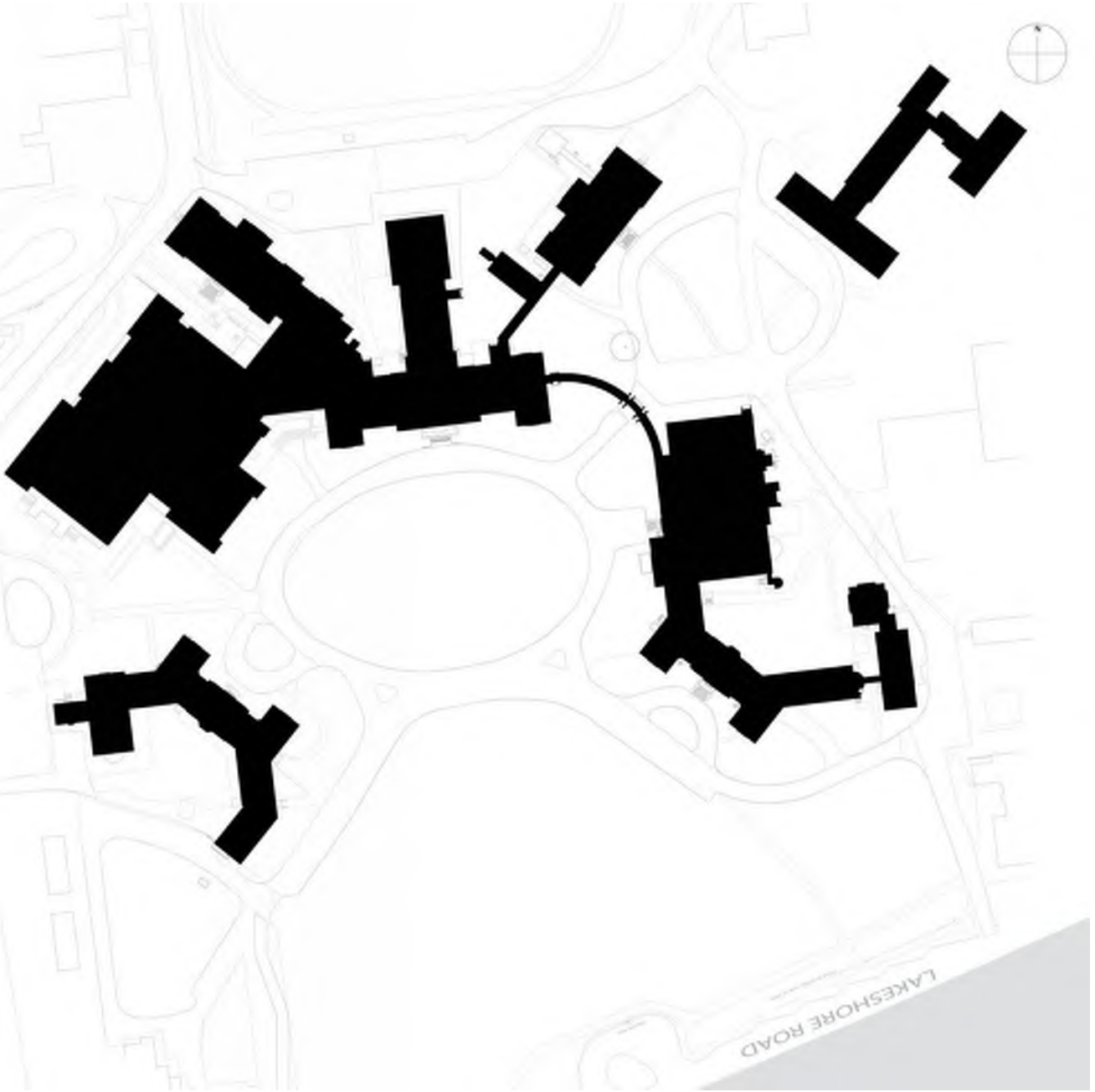


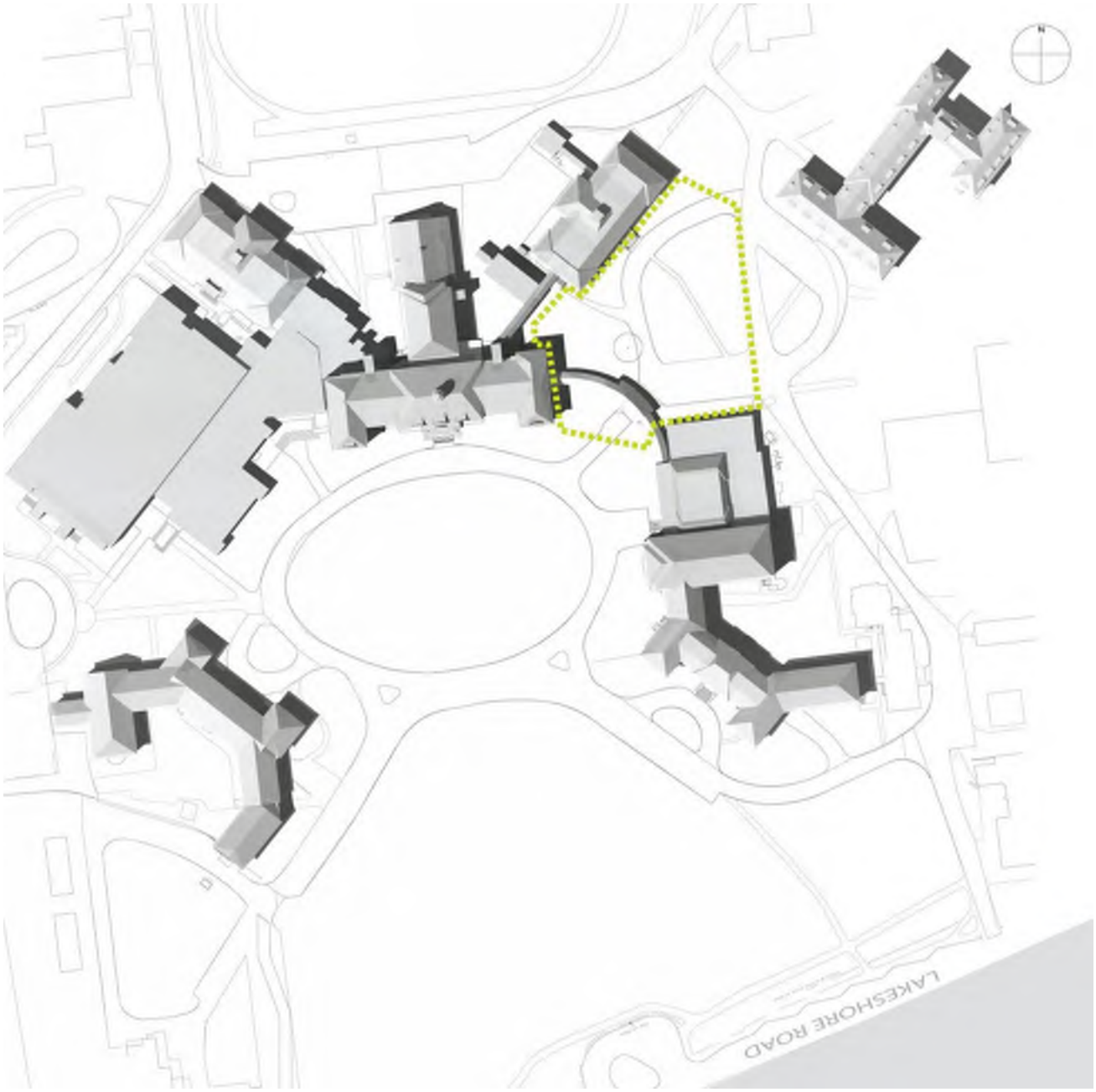
ANNE-MARIE EDWARD SCIENCE BUILDING

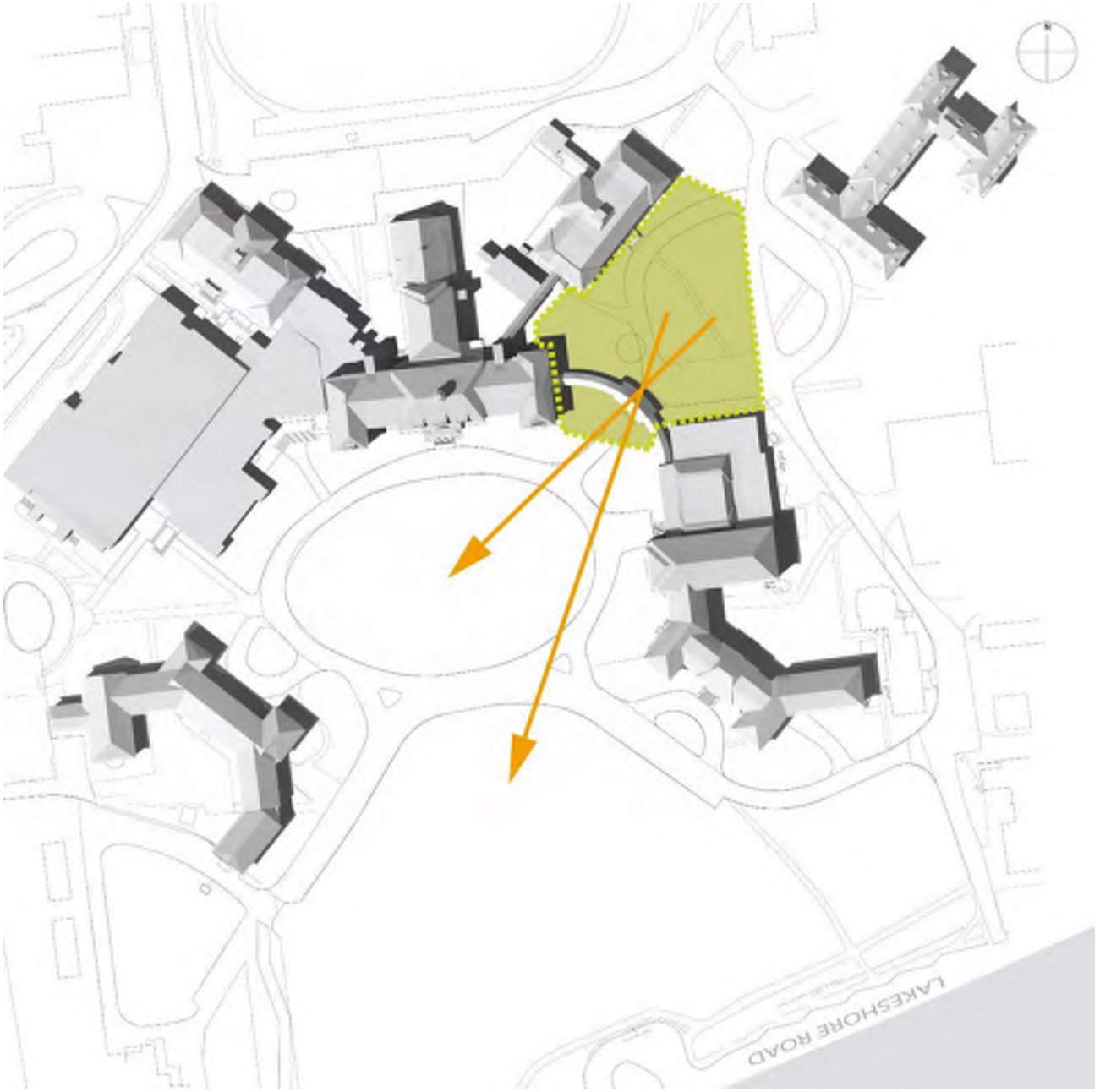
Collège John-Abbott

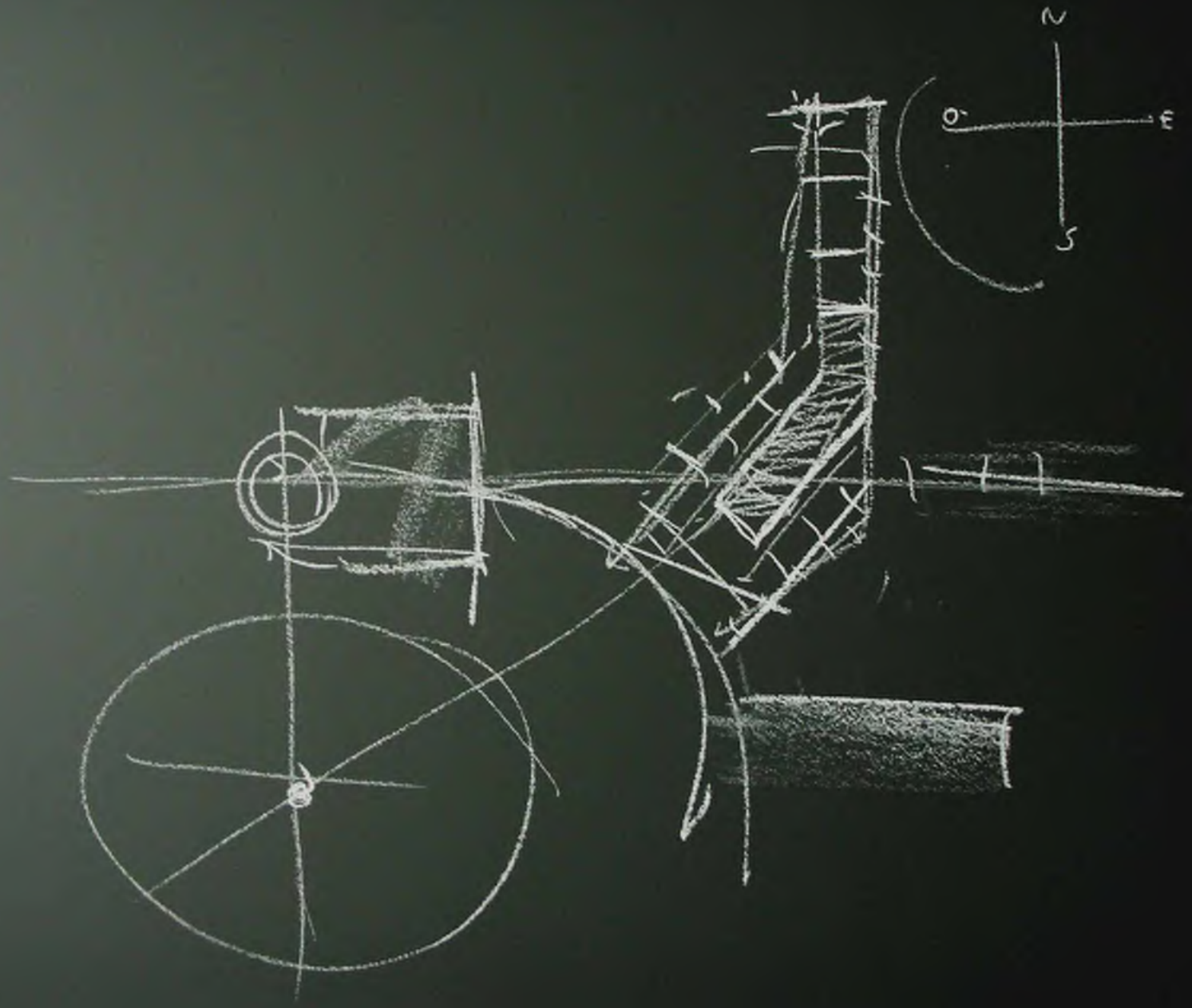
Sainte-Anne-de-Bellevue

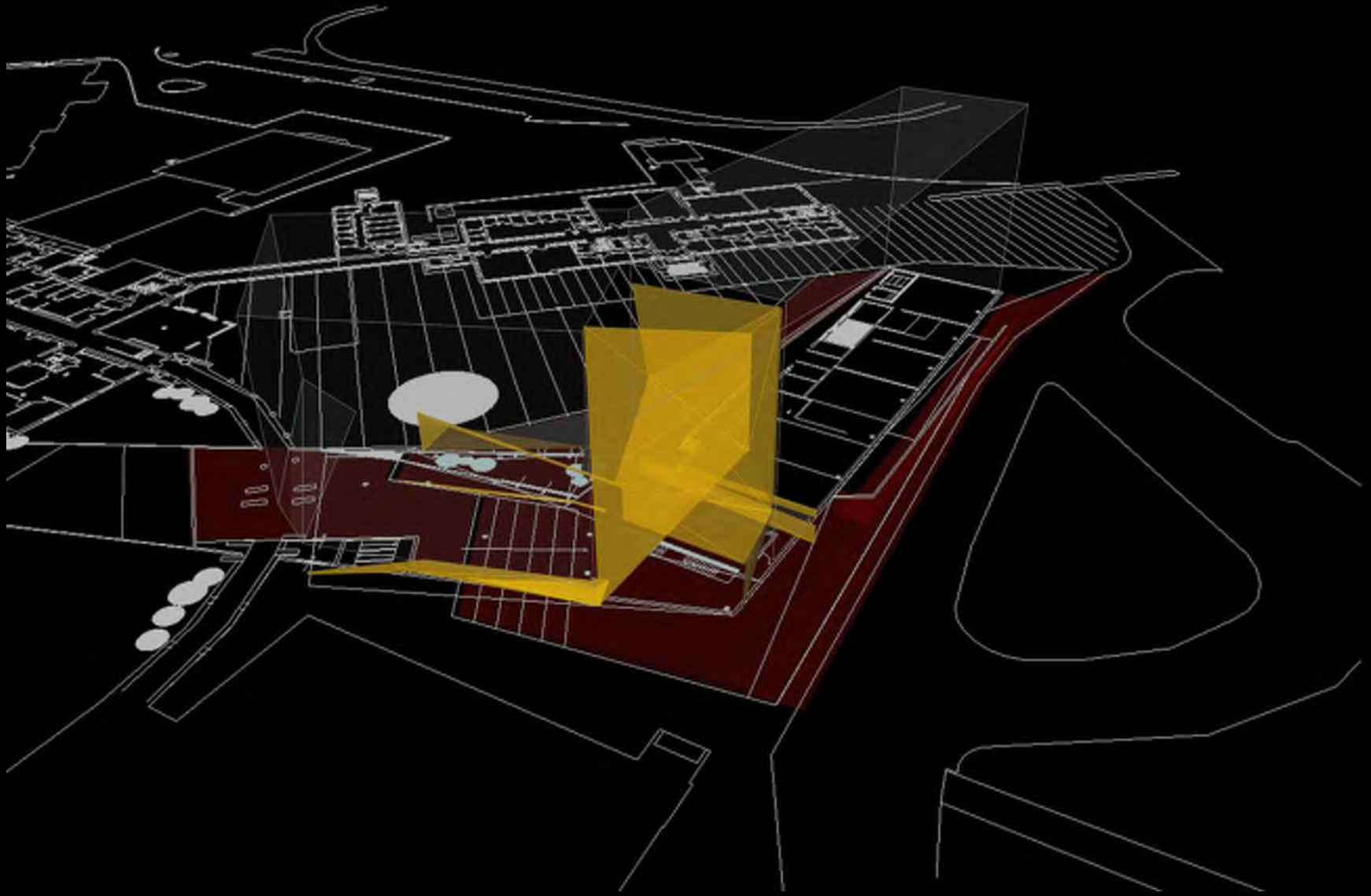


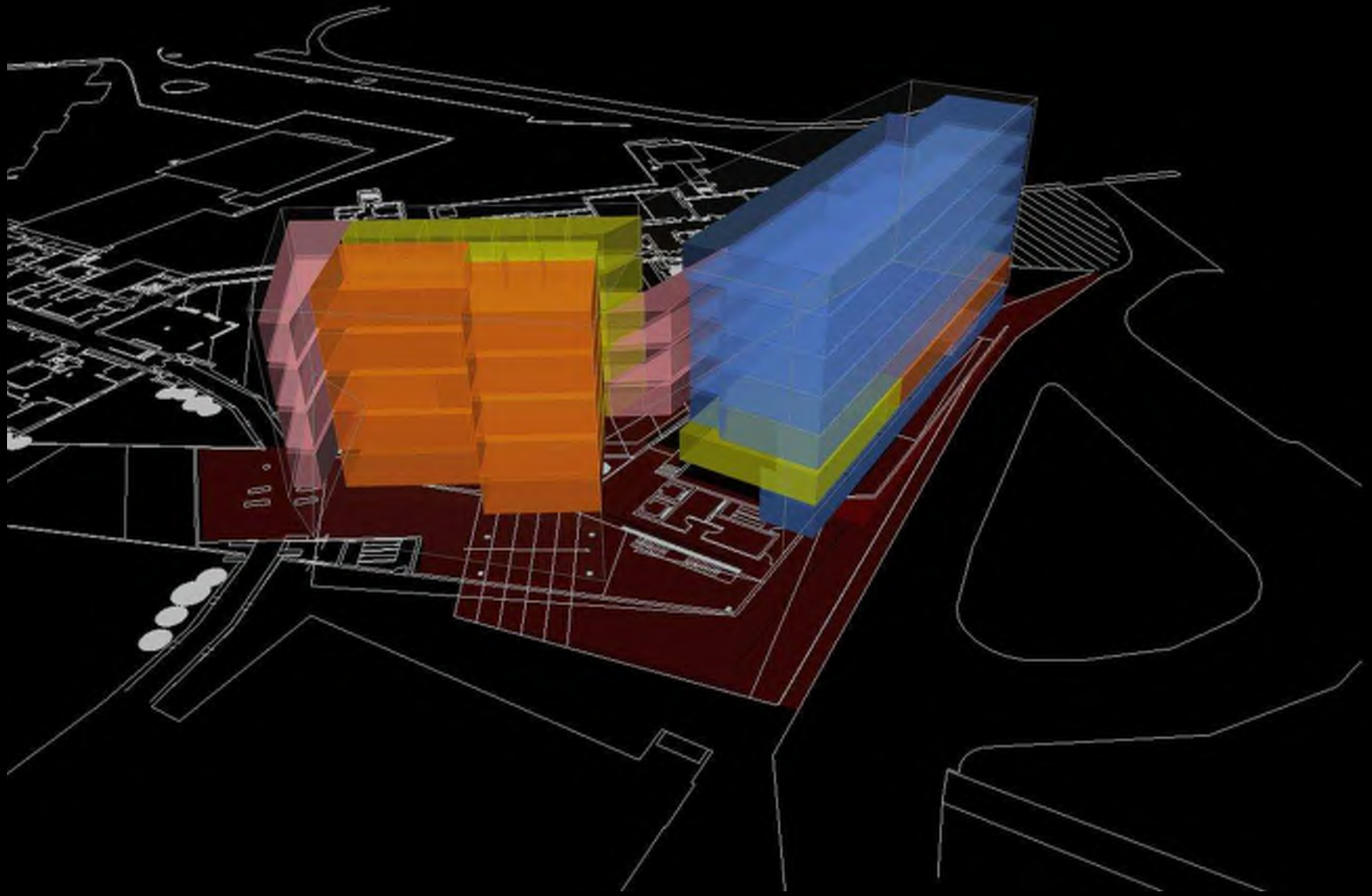

LAKESHORE ROAD

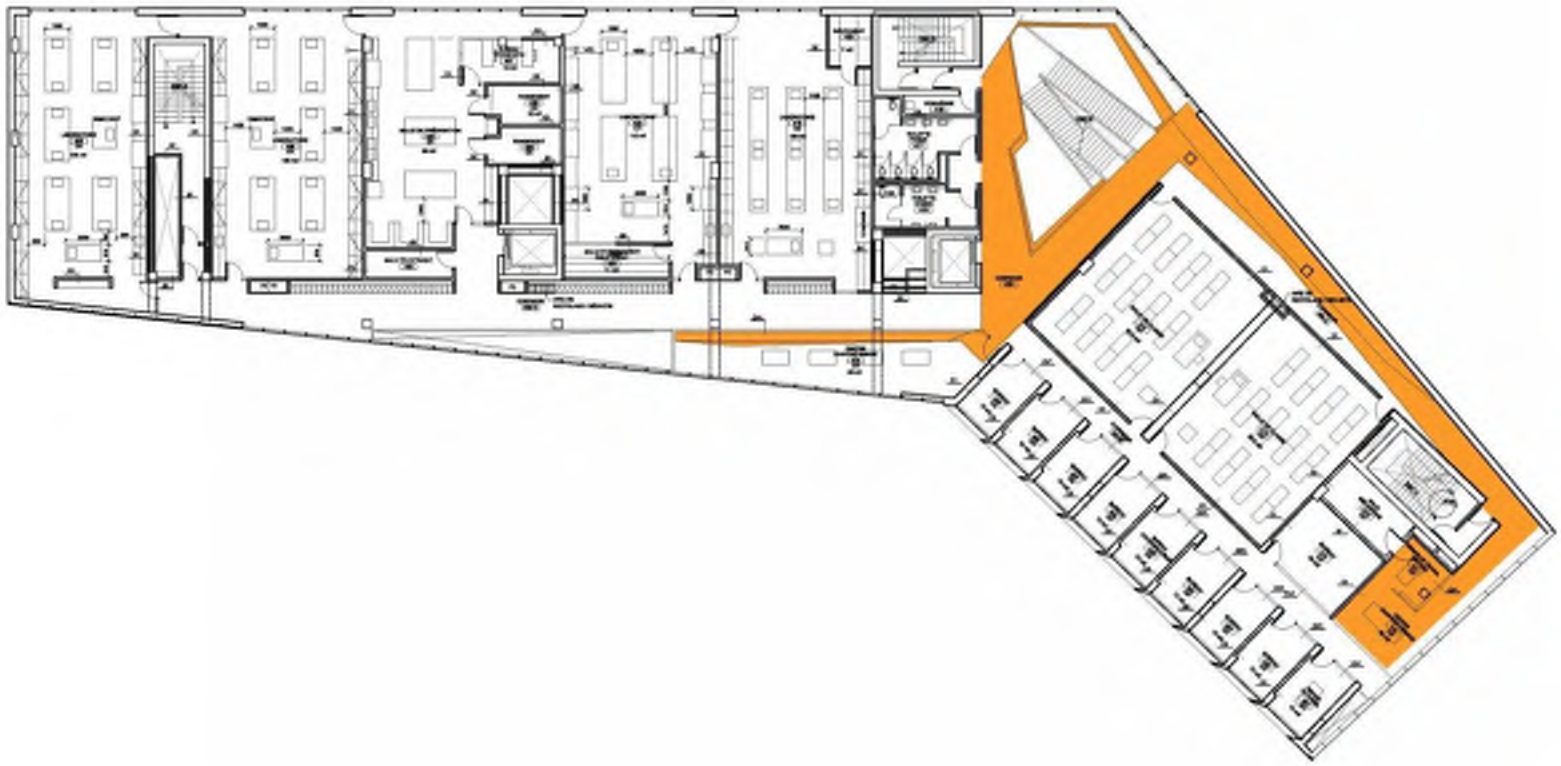

N
LAKESHORE ROAD


LAKESHORE ROAD

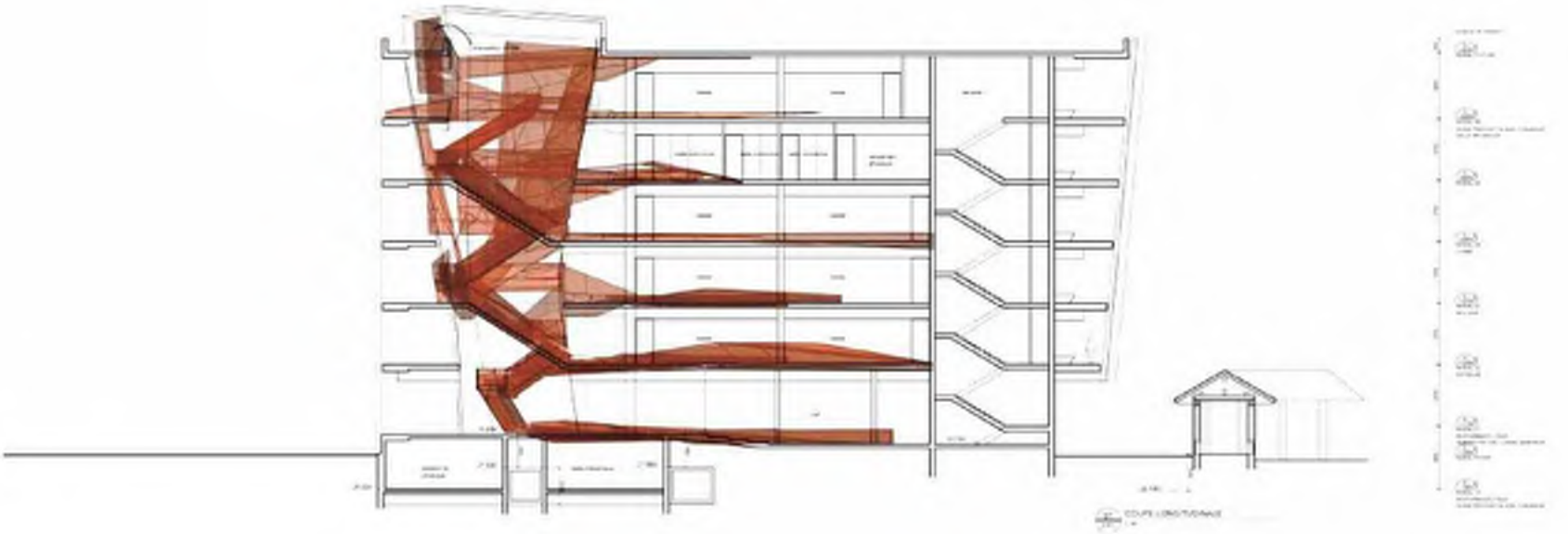

N
O
E
S

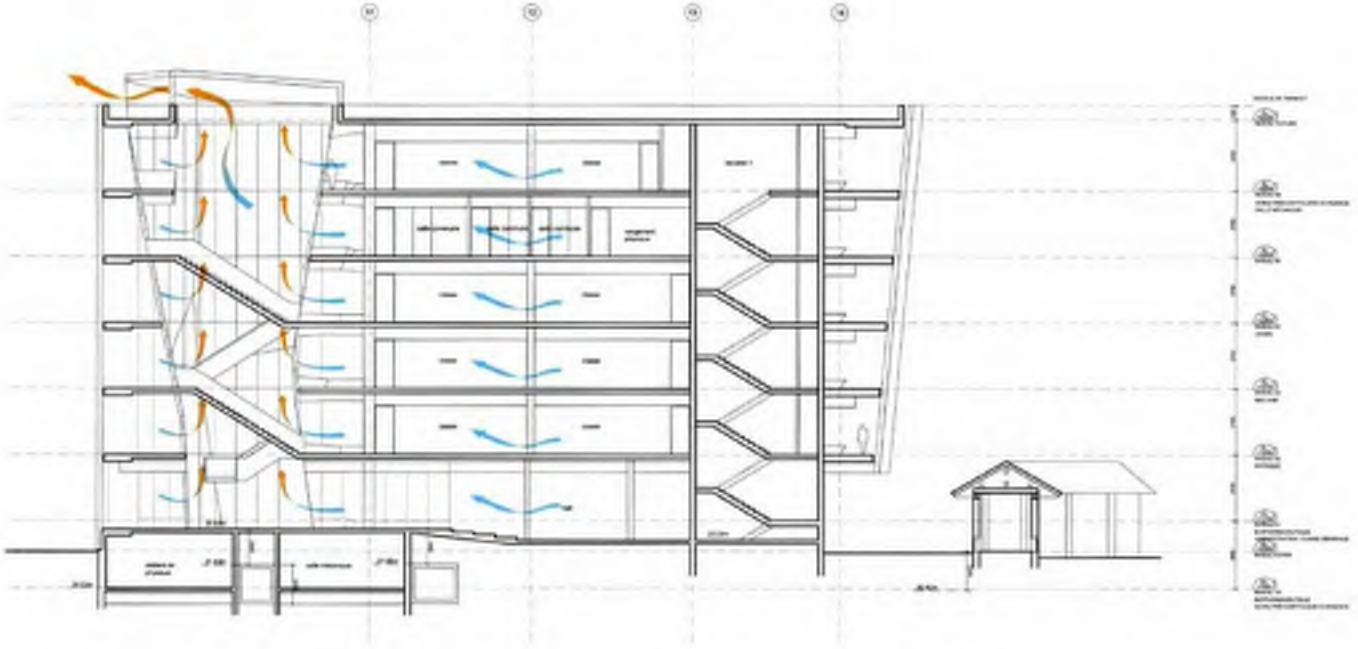


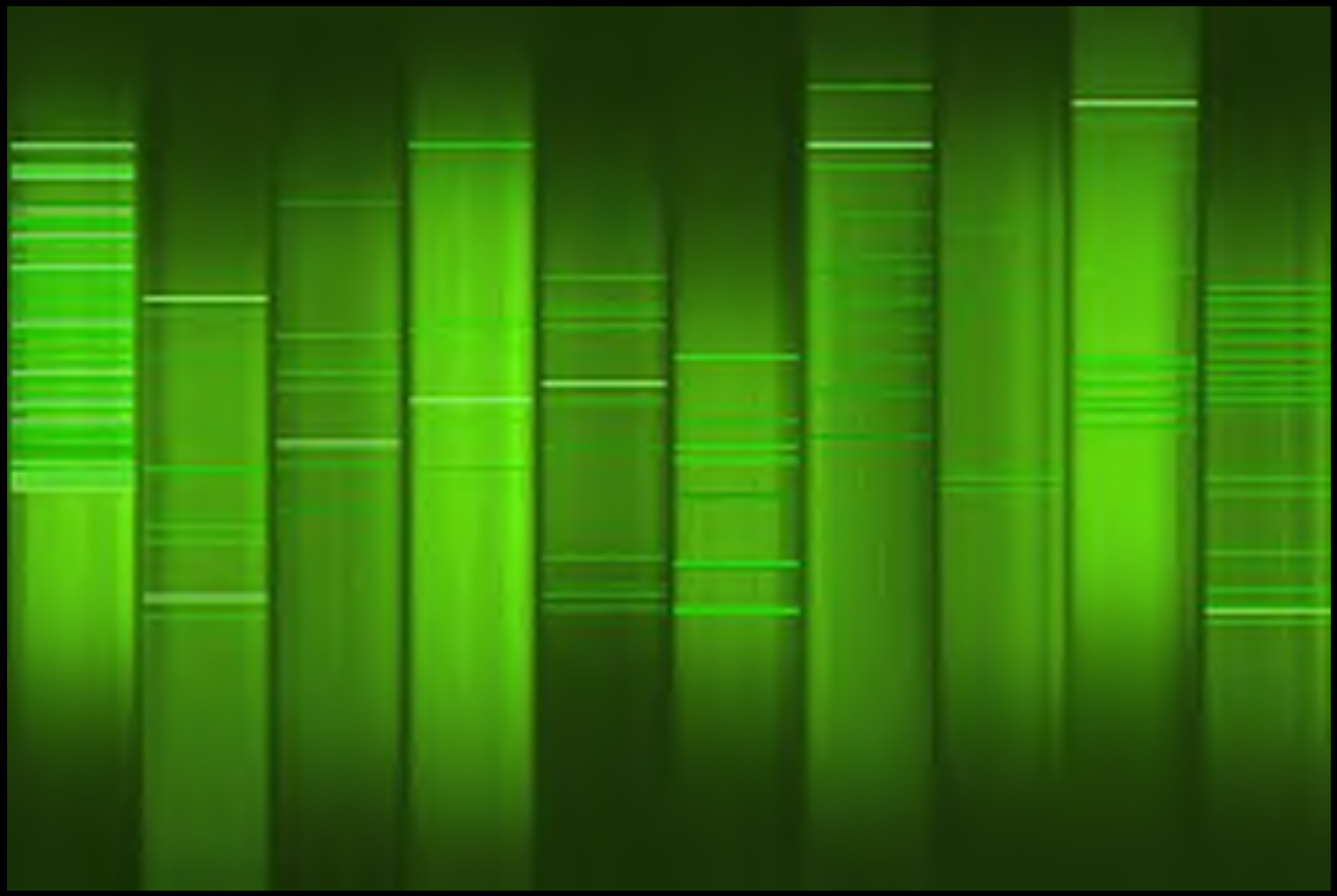


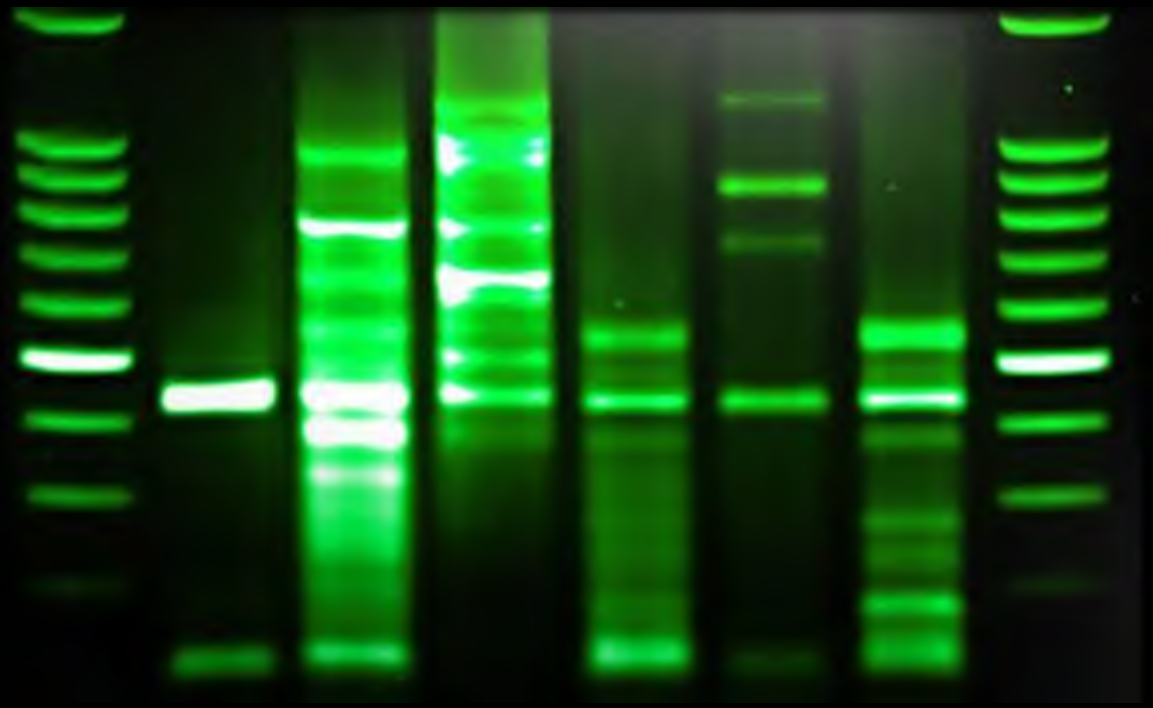


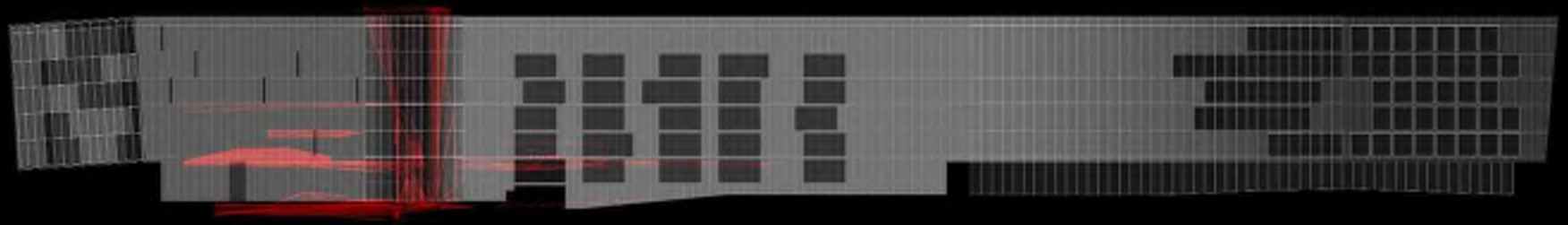
PLAN LEVEL 04
CHIMIE



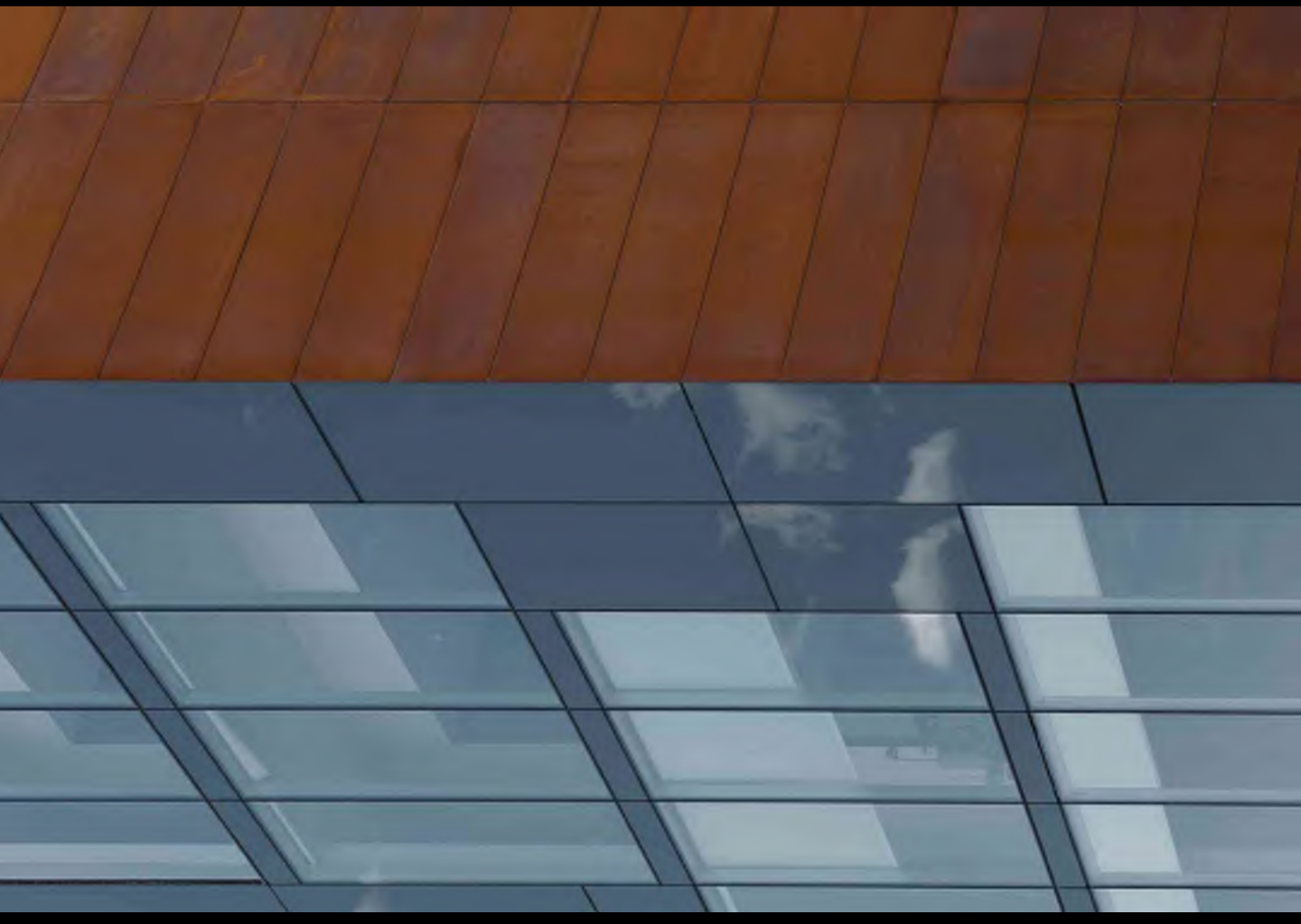


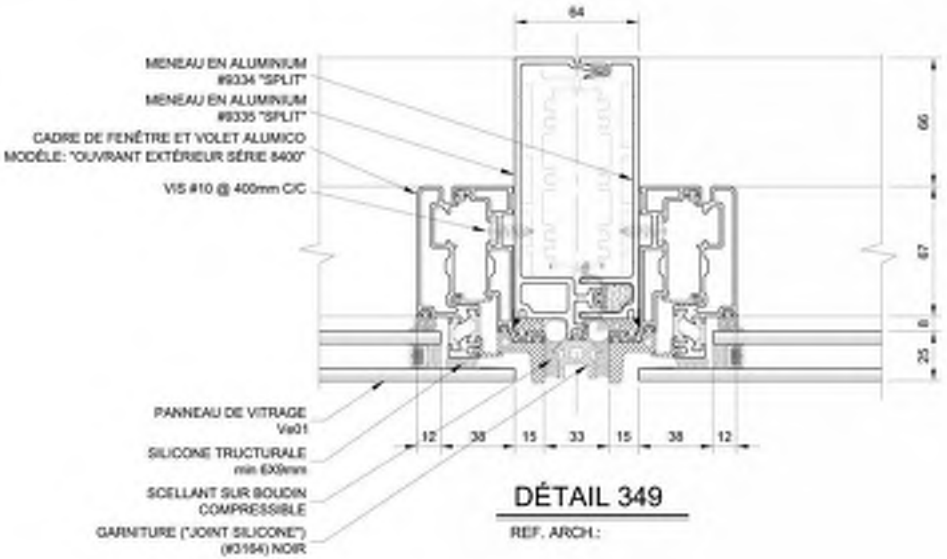






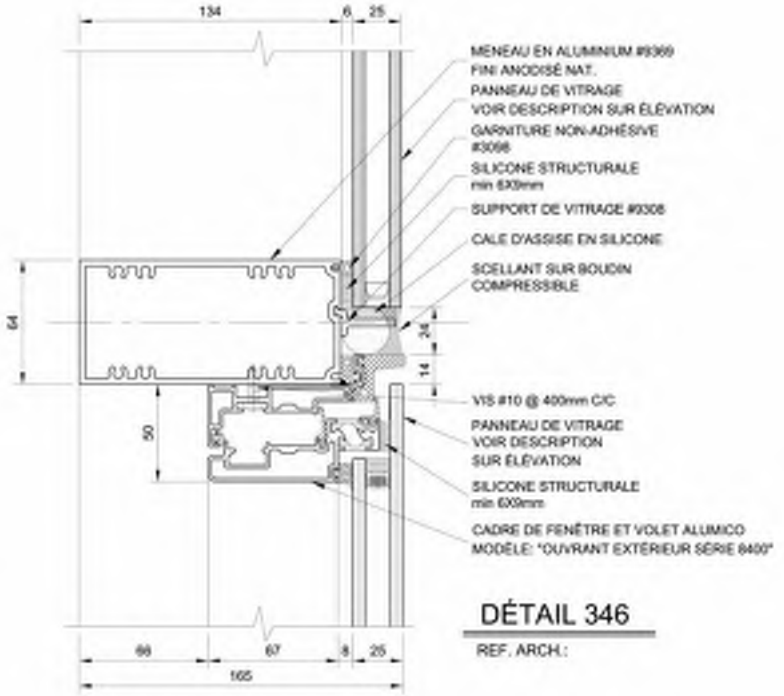

ANNE-MARIE
EDWARD SCIENCE





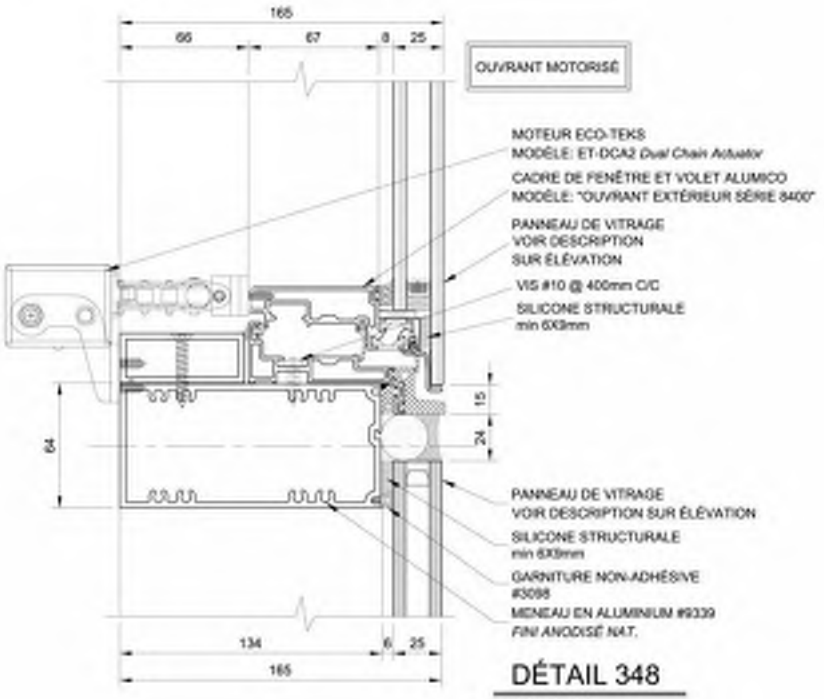
DÉTAIL 349

REF. ARCH.:



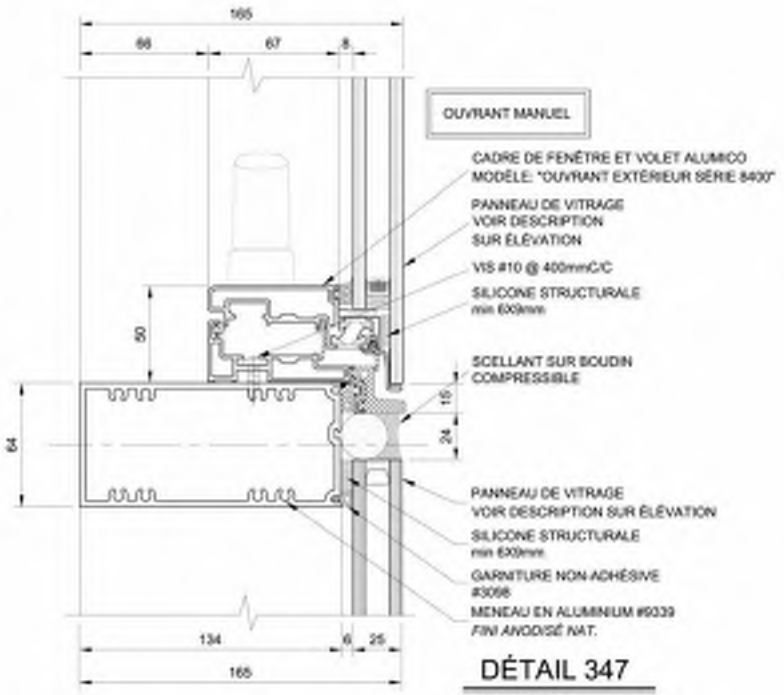
DÉTAIL 346

REF. ARCH.:



DÉTAIL 348

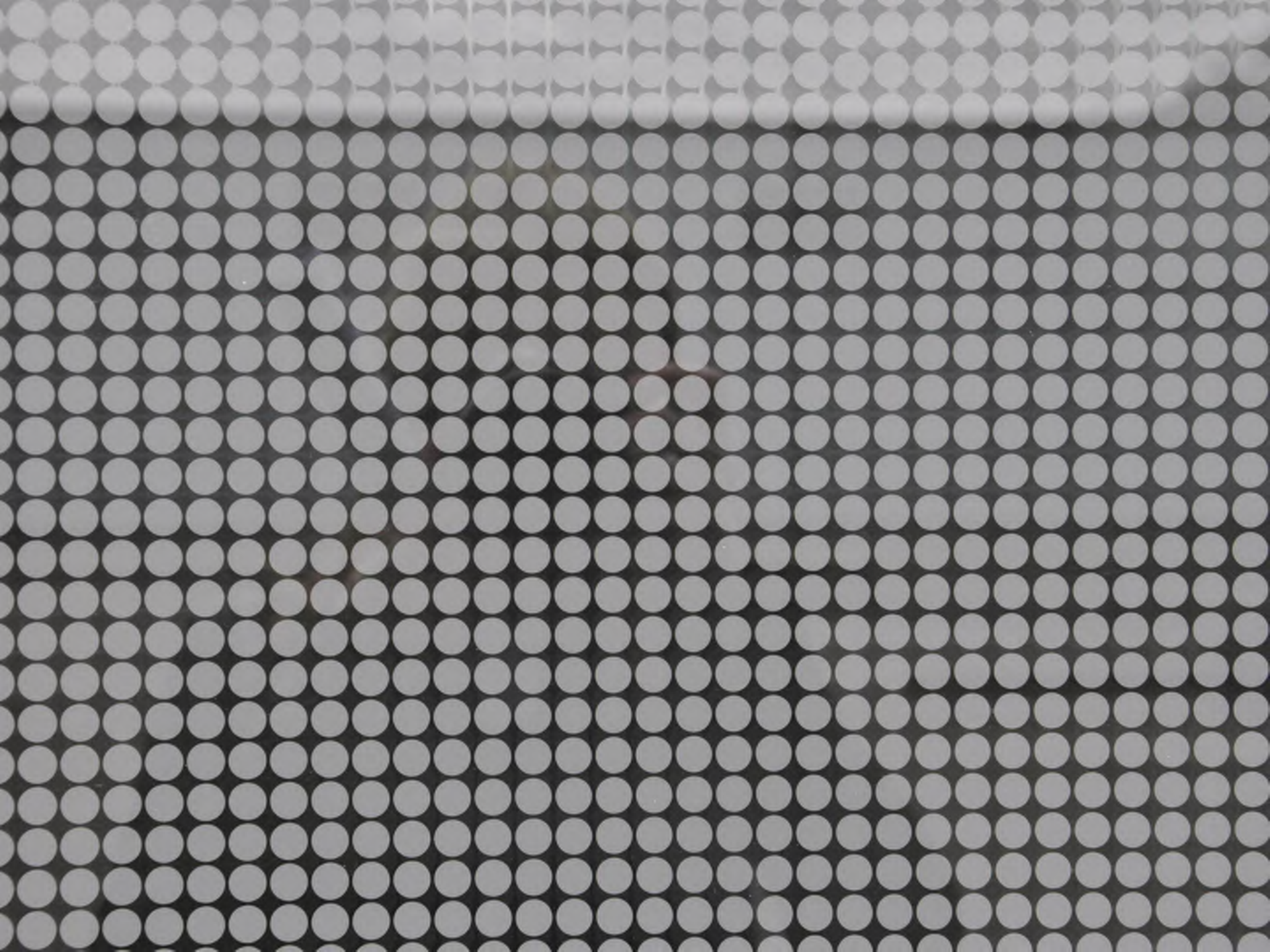
REF. ARCH.:



DÉTAIL 347

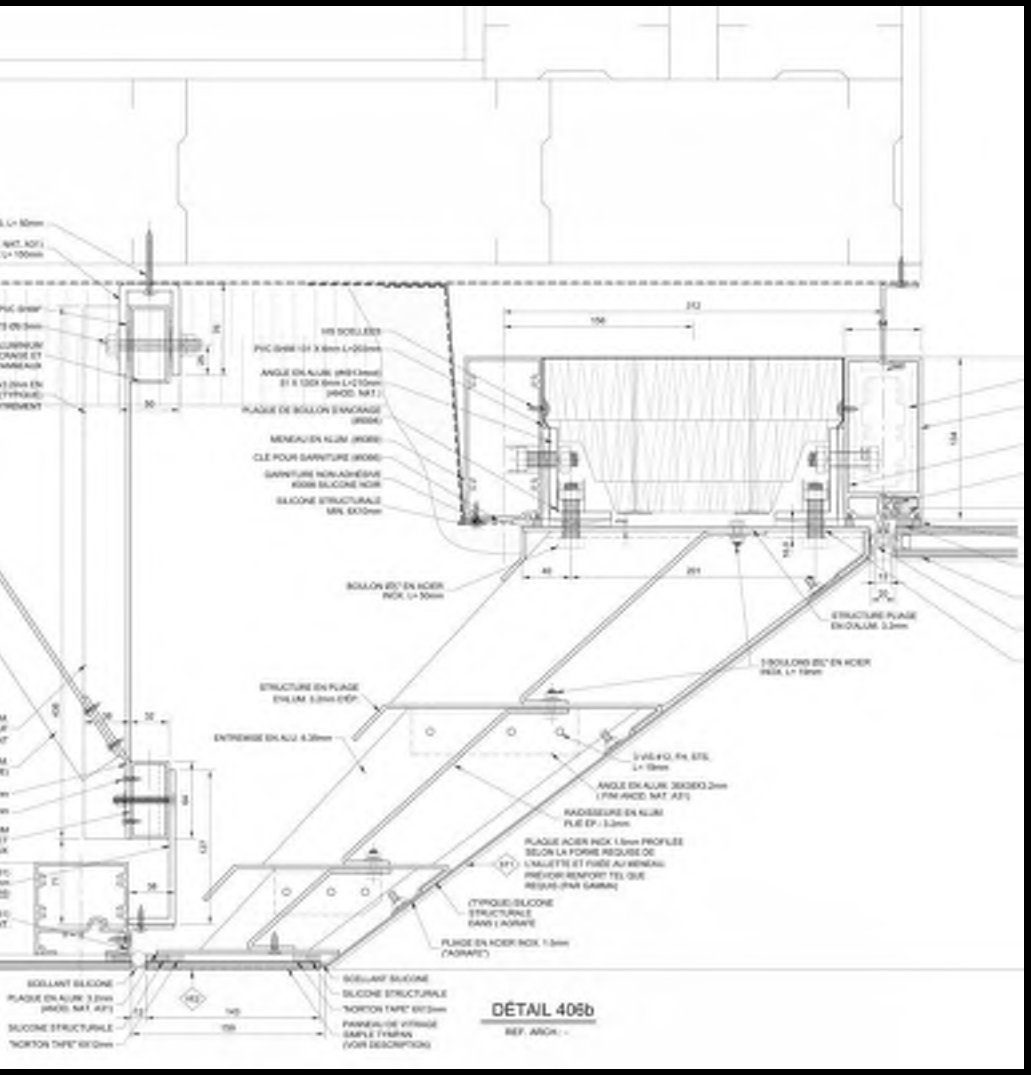
REF. ARCH.:


483



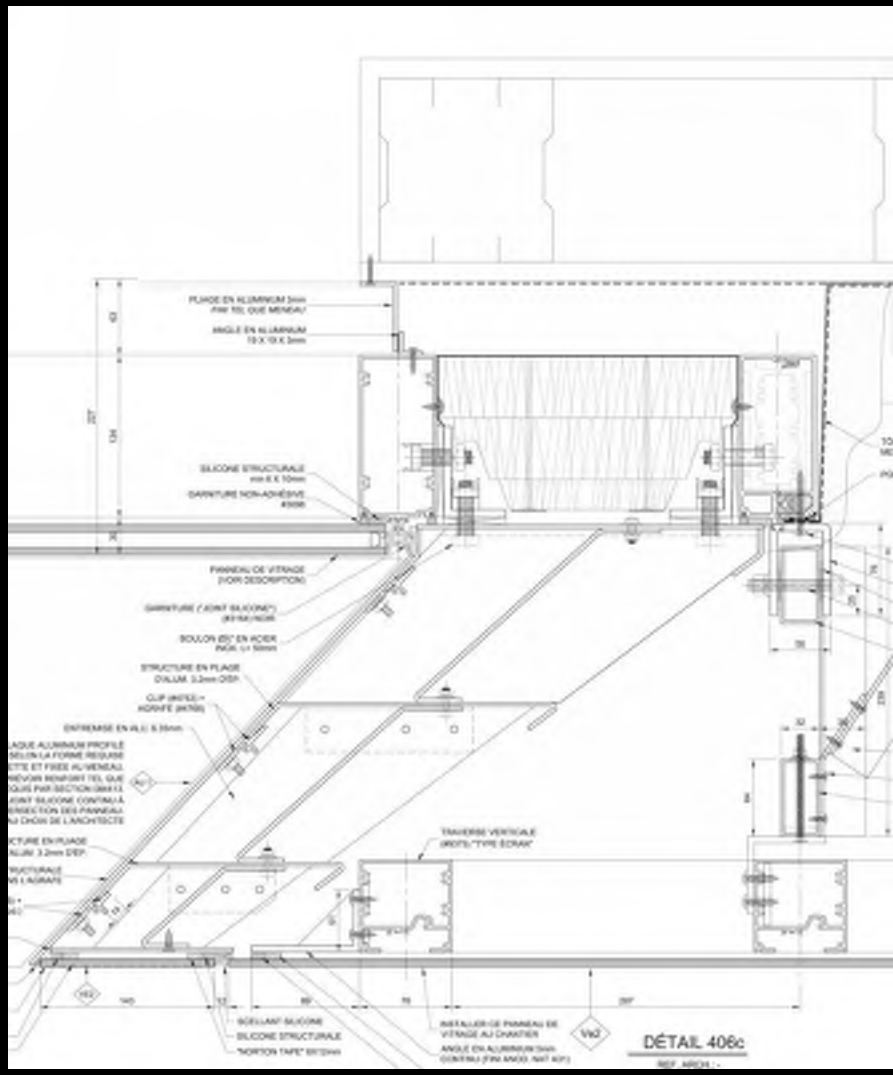

483


MAGMA 15 TONNES



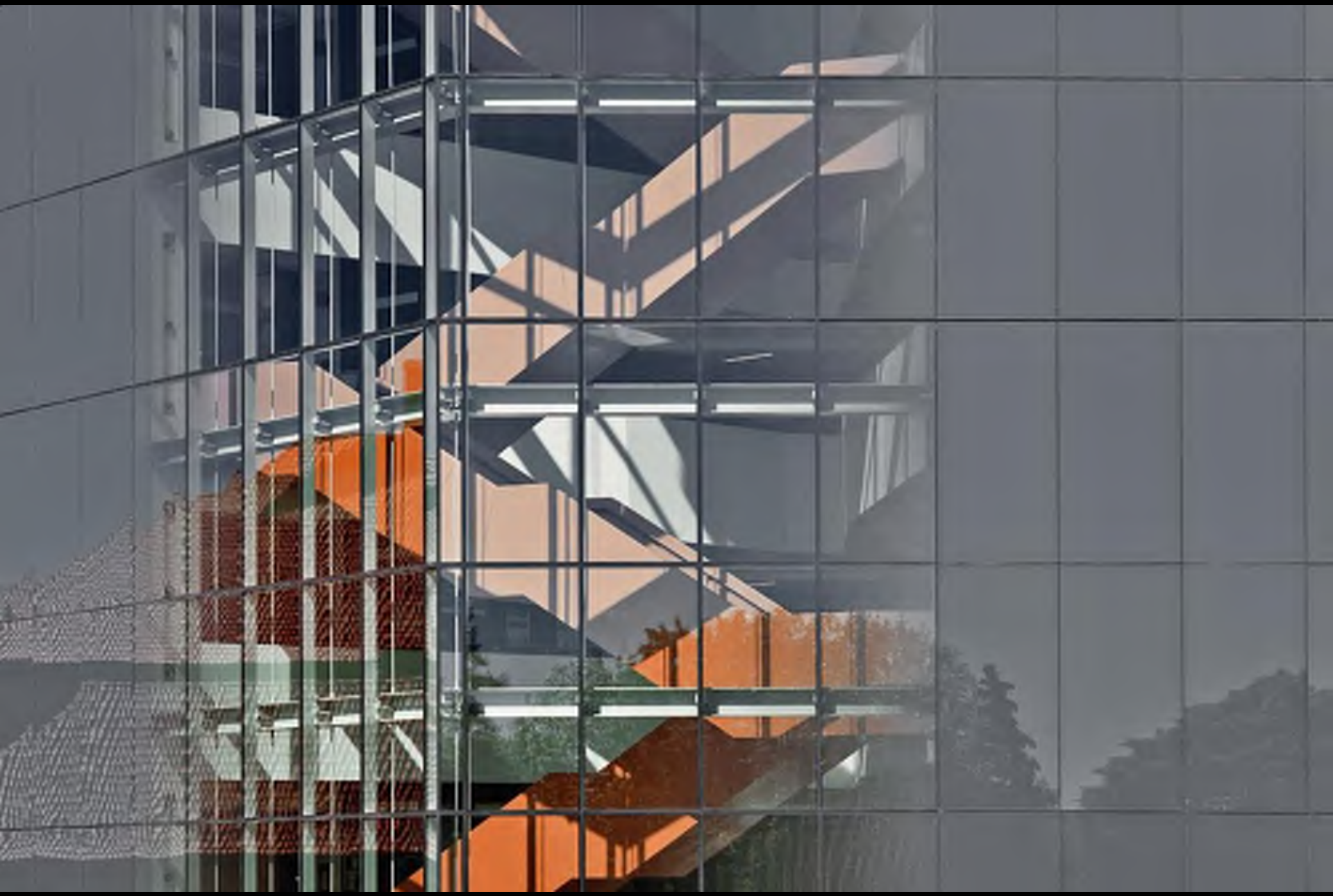
DÉTAIL 406b

REF. ARCH. : -



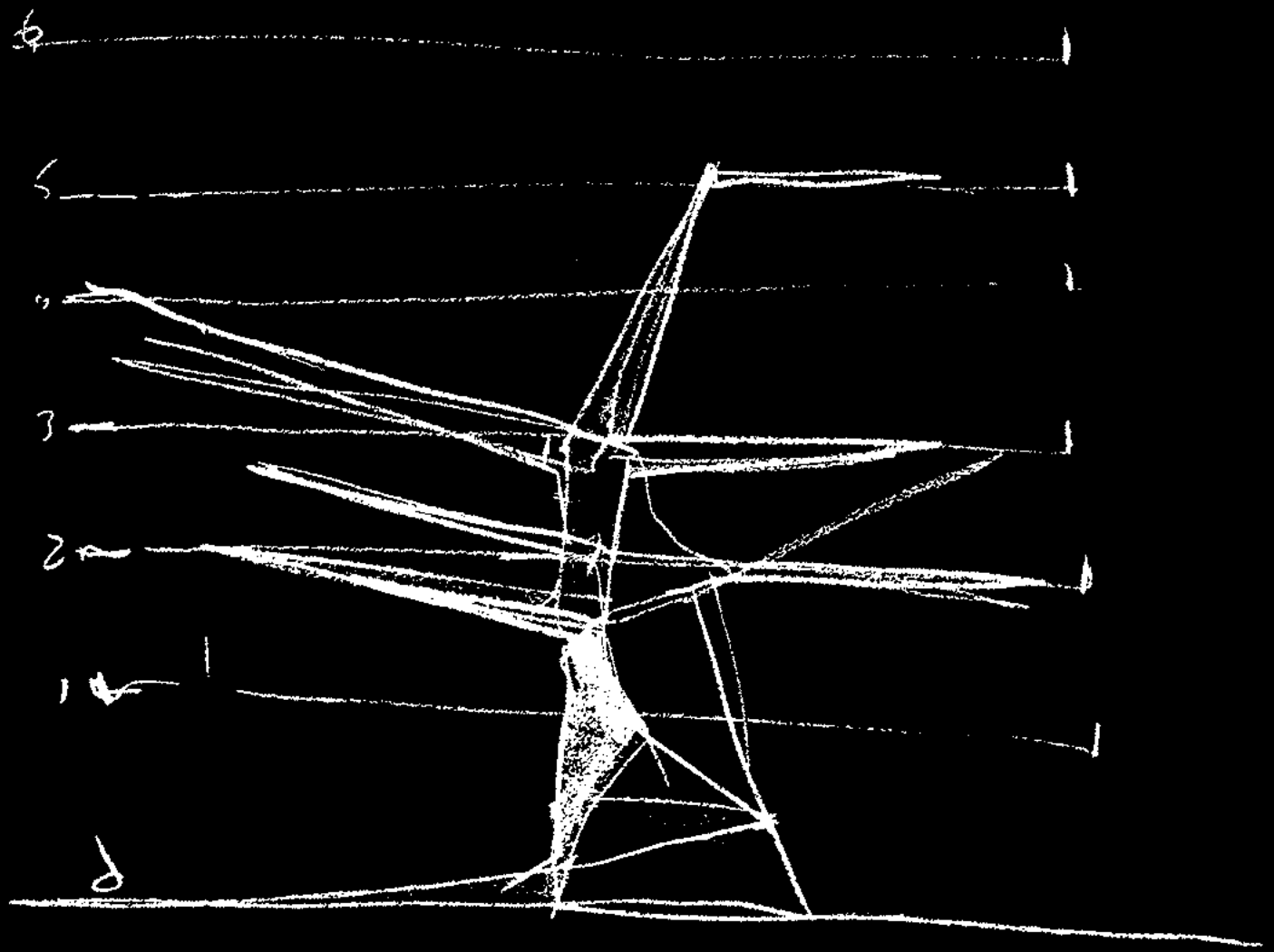
DÉTAIL 406c

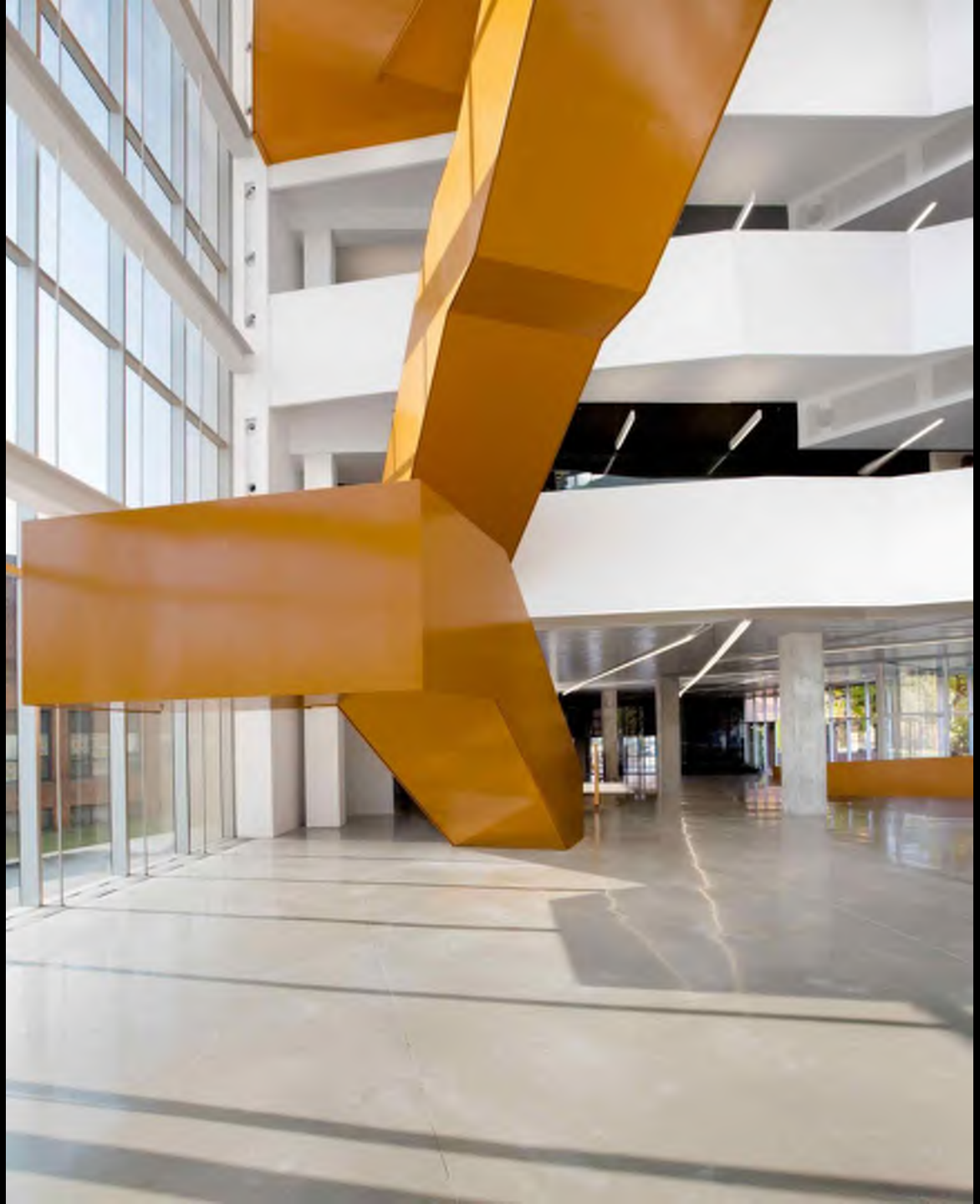
REF. ARCH. : -

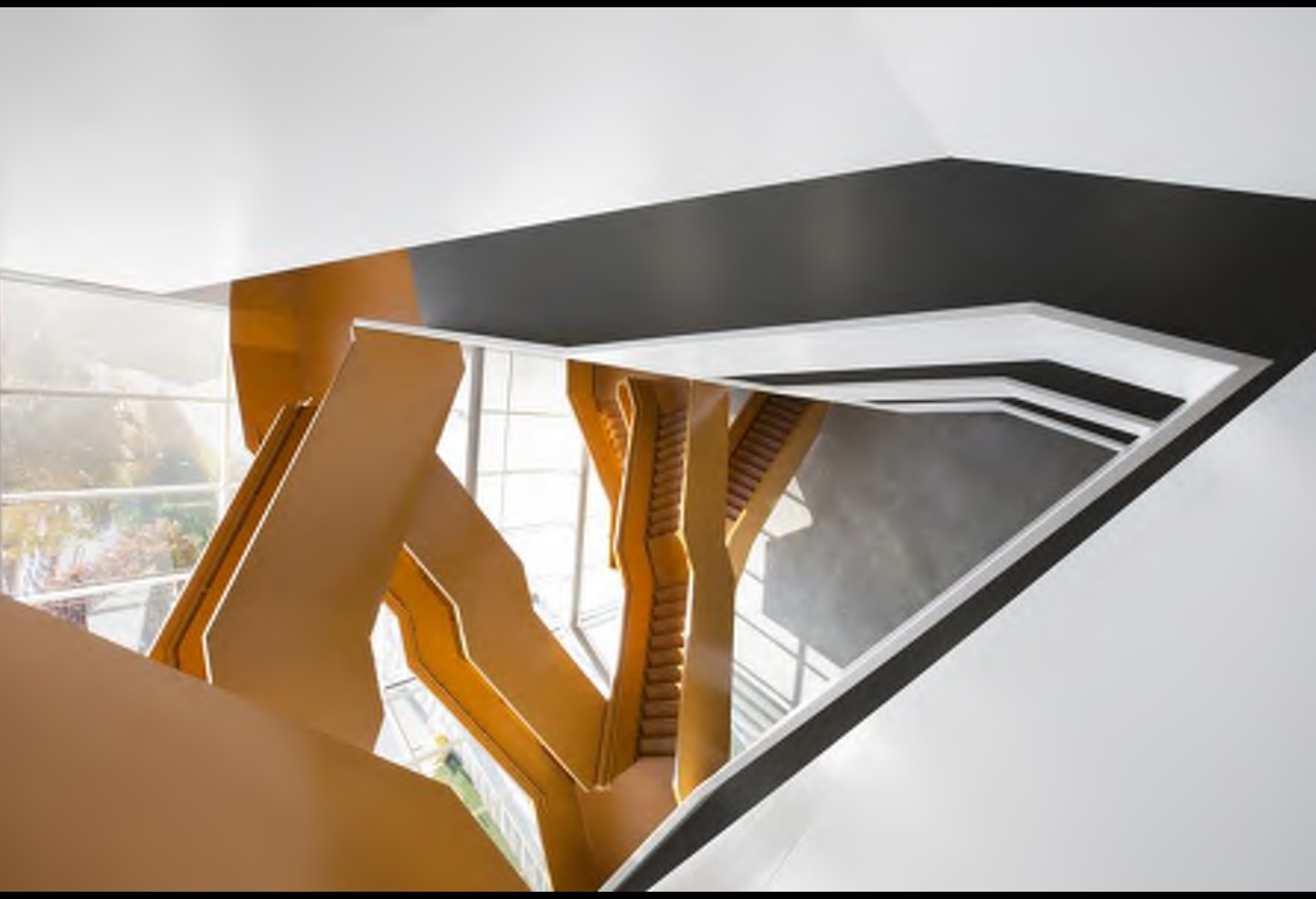


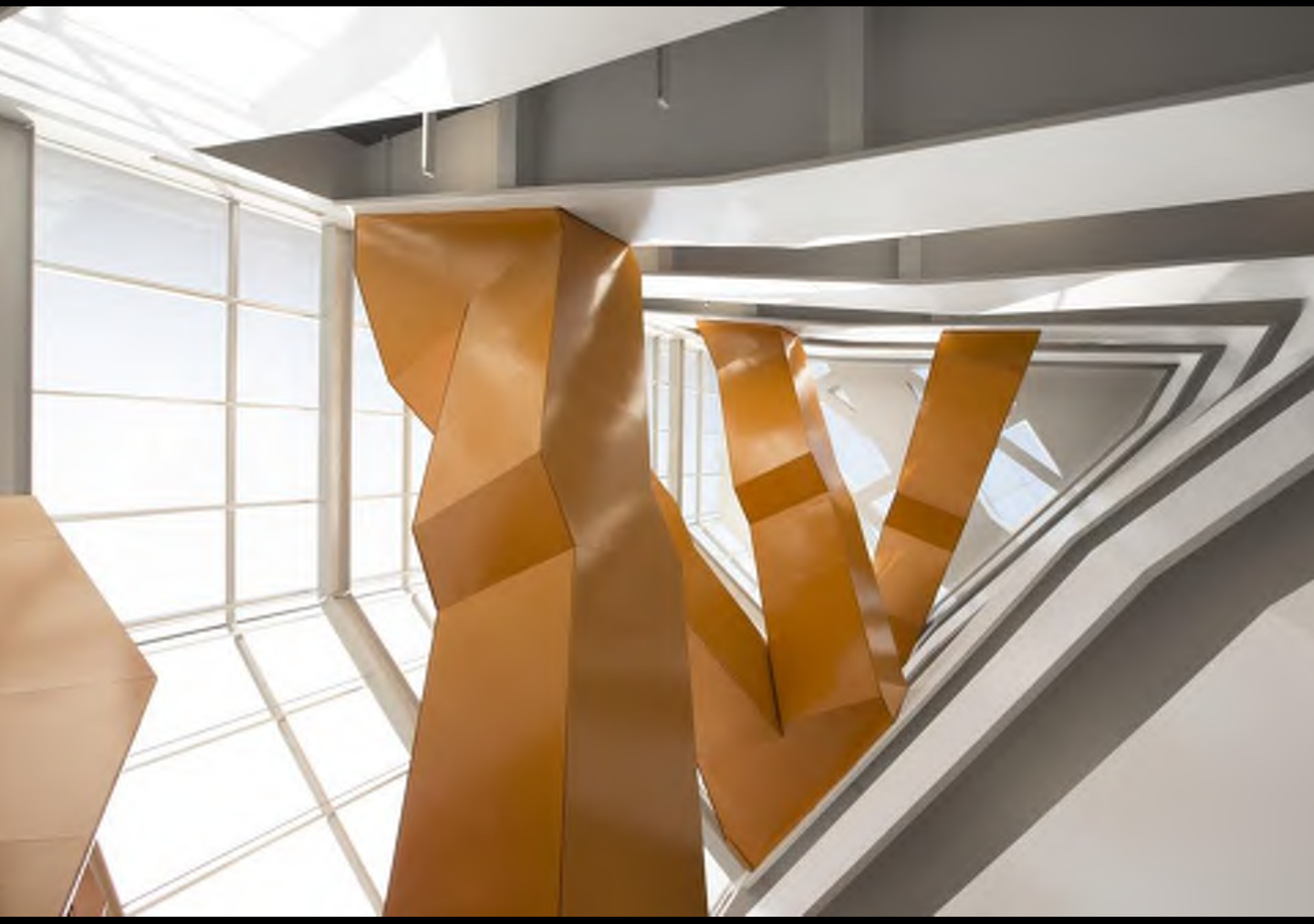
PLAN LEVEL 02
PHYSICS


SALON ÉTUDIANT


6
5
4
3
2
1
0








SAUCIER+PERROTTE ARCHITECTES