

ARCHITECTURE DESIGN PORTFOLIO

Collection of design works
and architectural drawings



Produced by Richard Jang

TABLE OF CONTENTS

Richard Jang



Lakeside House ----- 1-6



Public Library ----- 7-14



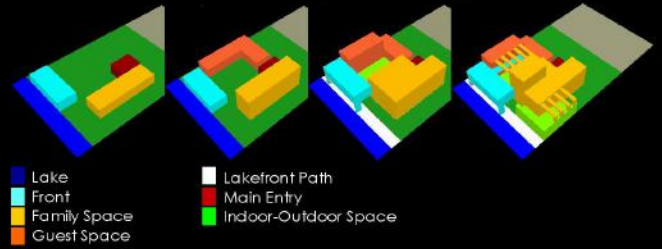
Working Drawings ----- 15 -20

Lakeside House

Schematic Design - Key Elements



Spatial Configuration Process



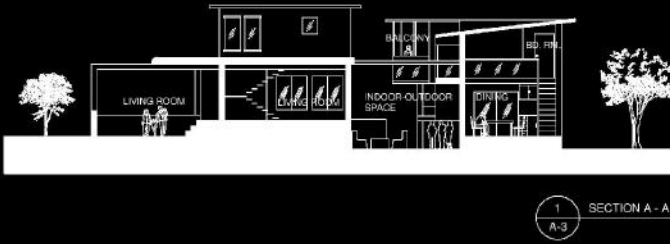
Description

Designing a comfortable, satisfying environment for a lakeside house requires several key elements such as views, accessibility, activities it incorporates with, indoor-out door space, gathering space...etc. This design primarily focused on dividing the whole buildings into two separate tiers; private spaces for the family, and the guests invited. Starting with a schematic design focusing on developing main concept, spatial configuration process has been initiated to both defining clear functions of each space as well as coming up with architectural volumes of space. Front space is elevated right above the lakefront space below which is connected with the building space for the guests, while the private space for the family has been incorporated with long linear configuration on its ground floor, and more cozy space created on second floor. Also creation of indoor-outdoor spaces had emerged into two areas; middle space between the two building spaces, and at the corner of the private building space; both incorporated either wood, or steel frameworks above working as canopies to create both continuous atmospheres of outdoor environment as well as interior space.

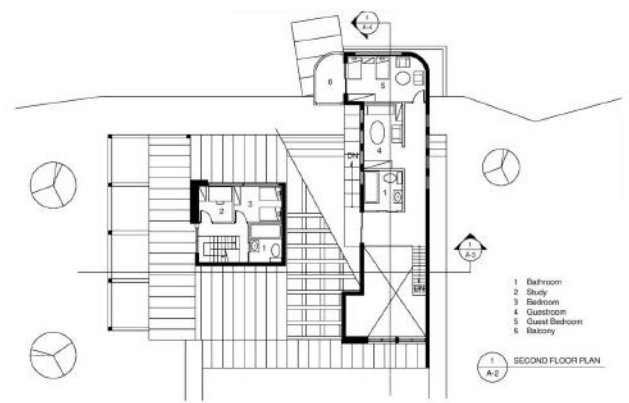
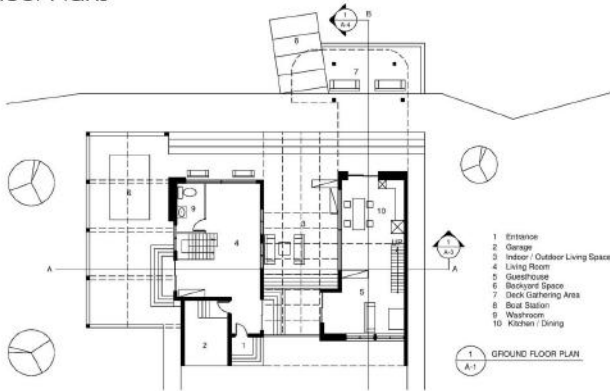


Lakeside House

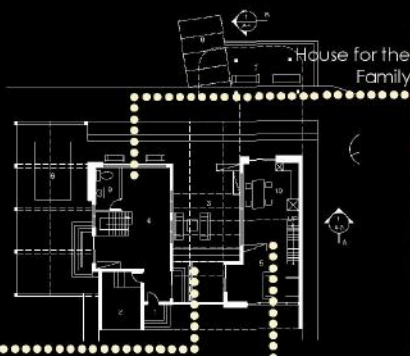
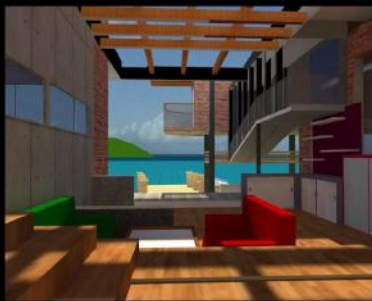
Sections



Floor Plans



Lakeside House



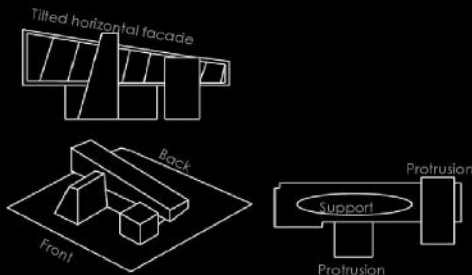
Enclosed outdoor space

Guesthouse



Public Library

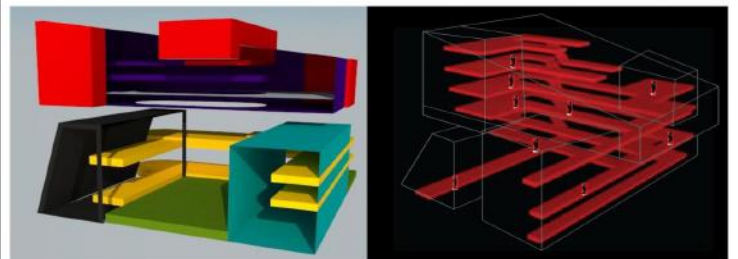
Schematic Design



Description

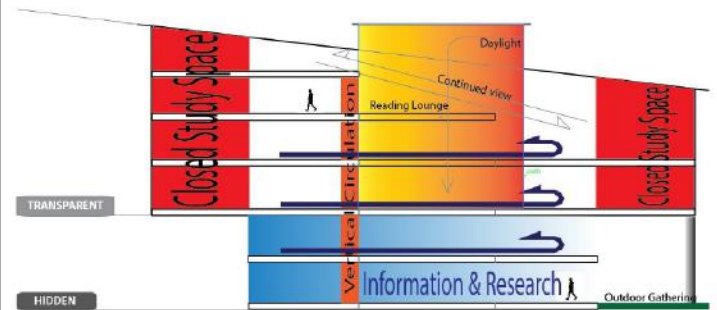
This project had focused on providing a large scale public library. The main objective of designing a public library primarily focused on providing the public-friendly built environment. Starting with the spatial configuration, schematic design had been come up with long horizontal recessed volume of space (1) on top of cylindrical plan below (2), and two separate rectangular volumes attached to it on both sides of east and west corners (3 and 4). Open space has been created in between those two volumes where it was necessary to provide a public courtyard / open gathering space for the library. The main functions for the library space such as research, study, journals, newspaper reviewing spaces had been adjusted in space 1, computer lab, information desk, kid's zone for space 2; entrance lobby, staff office rooms, tutoring centre, group study rooms for space 3; and cafes, restaurants, group study spaces for space 4. Southern façade for each building consists of curtain walls to maximize daylight penetration to interior spaces, and also to provide transparency of interior space facing the adjacent street to the south. Protruded volume of spaces are designed in order to architecturally express more private, seamless interior space for study space, reading lounge...etc.

Spatial Design Diagrams

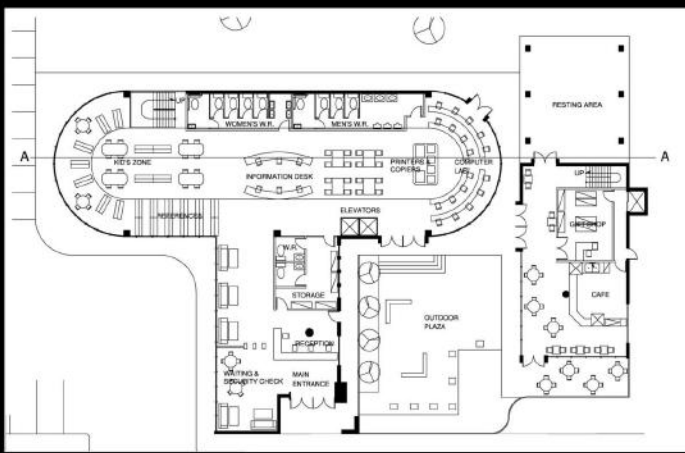


- Entrance
- Lower Circulation
- Open Gathering
- Research
- Study
- Leisure

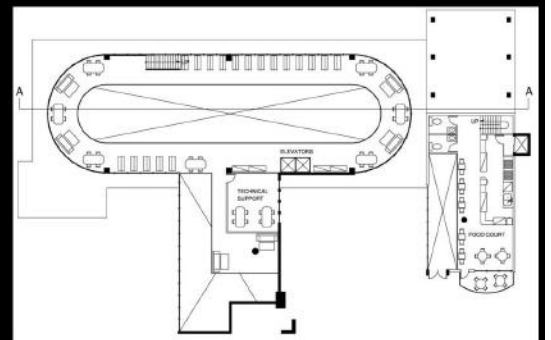
Rounded Circulation



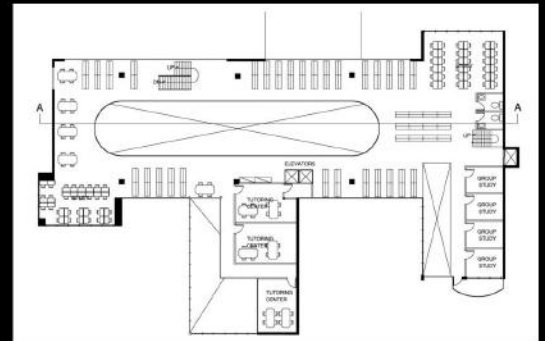
Public Library - Floor Plans



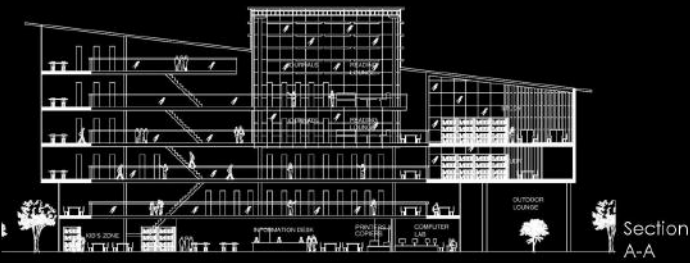
Ground Floor



Second Floor

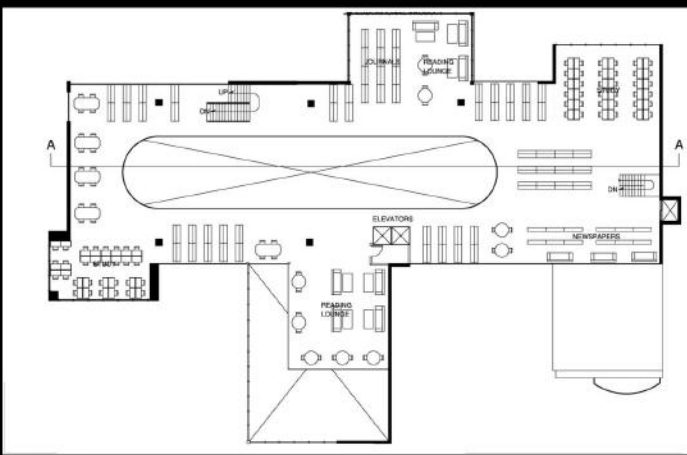


Third Floor

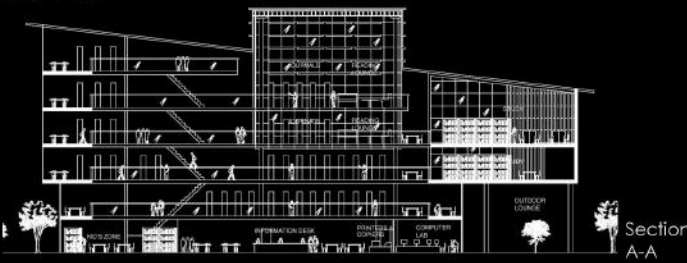


Section A-A

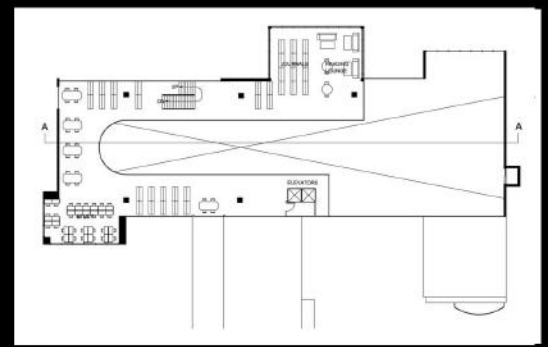
Public Library - Floor Plans



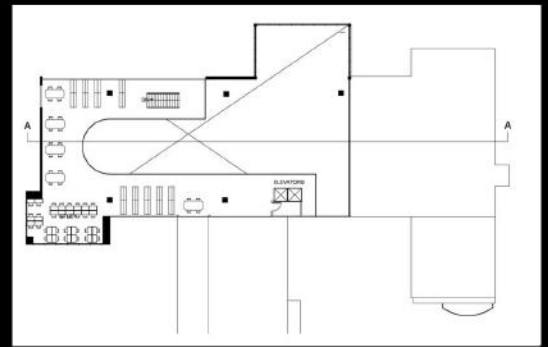
Fourth Floor



Section A-A



Fifth Floor



Sixth Floor

Public Library - Interior Views



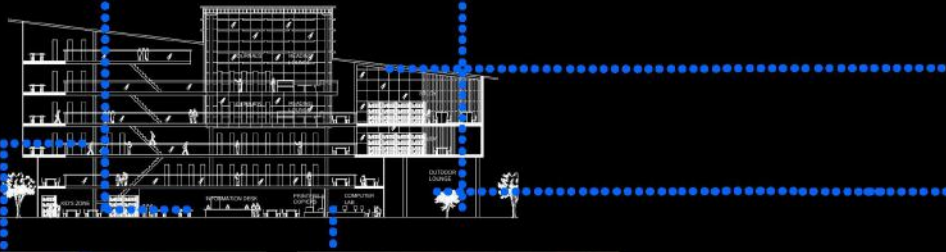
1-Entrance lobby



2-Second floor



5-Reading lounge space



3-Third floor

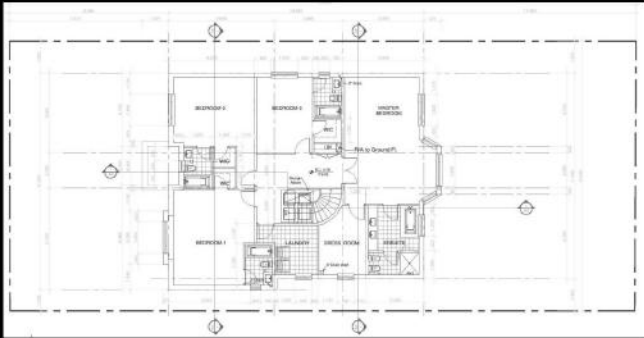


4-View from computer lab

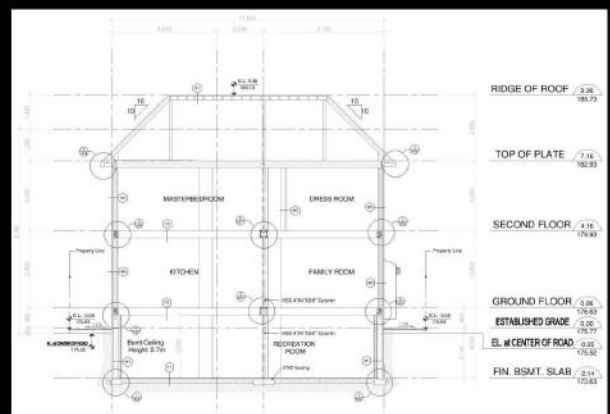
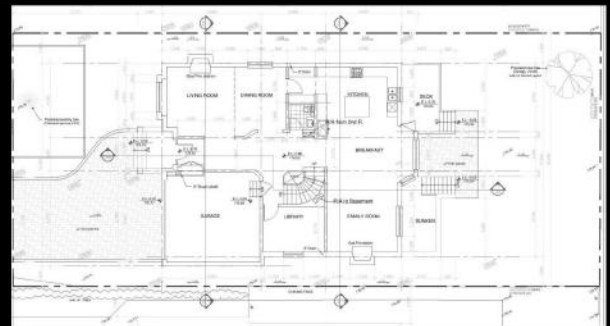


6-Restaurant & Café spaces

Working Drawings - Residential Projects



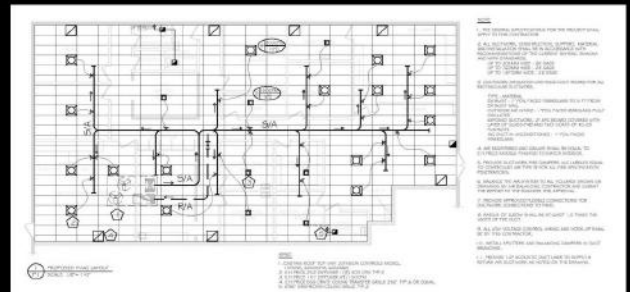
This project was dealing with constructing a new two-story wood-framed house in Toronto. The client for this house wanted to have 3 bedrooms and 1 master bedroom on its second floor, and wanted to achieve a continuous space incorporating kitchen, breakfast, and family room in its ground floor on one hand, dining & living room on the other side. Working on building section was achieved by showing the whole structural assembly of the wood-framed construction and detailed drawing showing the structural connections. Numerous meeting with the client had been done in order to satisfy the architectural design requirements. Once the architectural proposal had been satisfied, this project was followed by creating plumbing, HVAC, and electrical layouts in order to apply for the complete building permits.



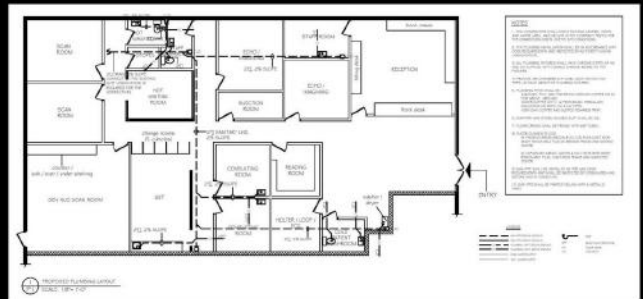
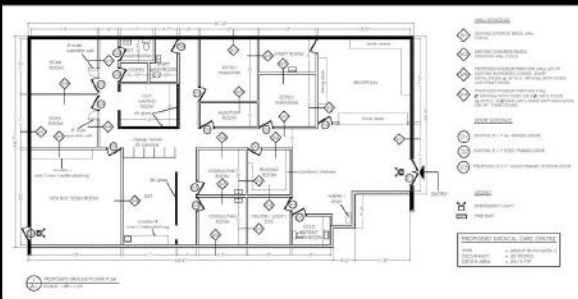
Working Drawings - Commercial Spaces



This project had been focused on providing an existing unit of a commercial-mixed-use building with a proposed medical clinic center. This work had required on-site verification for existing condition in order to provide architectural, plumbing and HVAC design proposal by simultaneously working with the clients and the building department of Toronto City Hall. Selecting specific type of wall for construction was required both for the existing walls adjacent to the next units, as well as to match with the specific standard for providing operable interior partition walls as well as pb glass surface for different types of uses.



Considering this unit would be used by increased number of occupancy of the employees and patients, customers; HVAC design proposal for the unit required greater consideration of needed air circulation volumes by providing diffusers, ductworks by using the existing rooftop air handling unit. Plumbing layout had to be provided with consideration of newly installed sinks which had to be connected with existing sanitary lines.

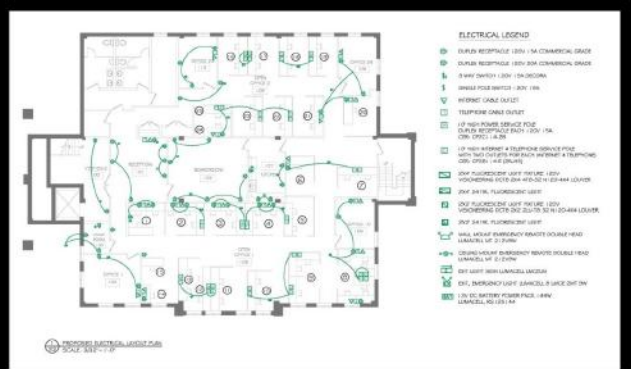
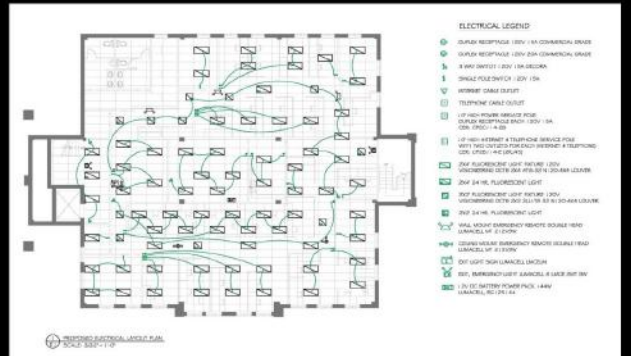


Architecture Design Portfolio
 Working Drawings - Addition of Uses

Richard Jang



We've had dealt with various clients who requested design proposal for buildings located outside of Toronto as well. This insurance company based in the city of Hamilton had requested provision of HVAC and electrical layouts for its new use of a part of one of its floor as a restaurant space for its employees in an open office concept. Change of its use from office space to restaurant had required calculation for needed air circulation for each space by proposing new air conditioning units. Detailing its design proposal for submission was allowed by creating electrical layouts for lighting, fixtures, wiring and switches for each space.



Working Drawings - Indigo Chapters



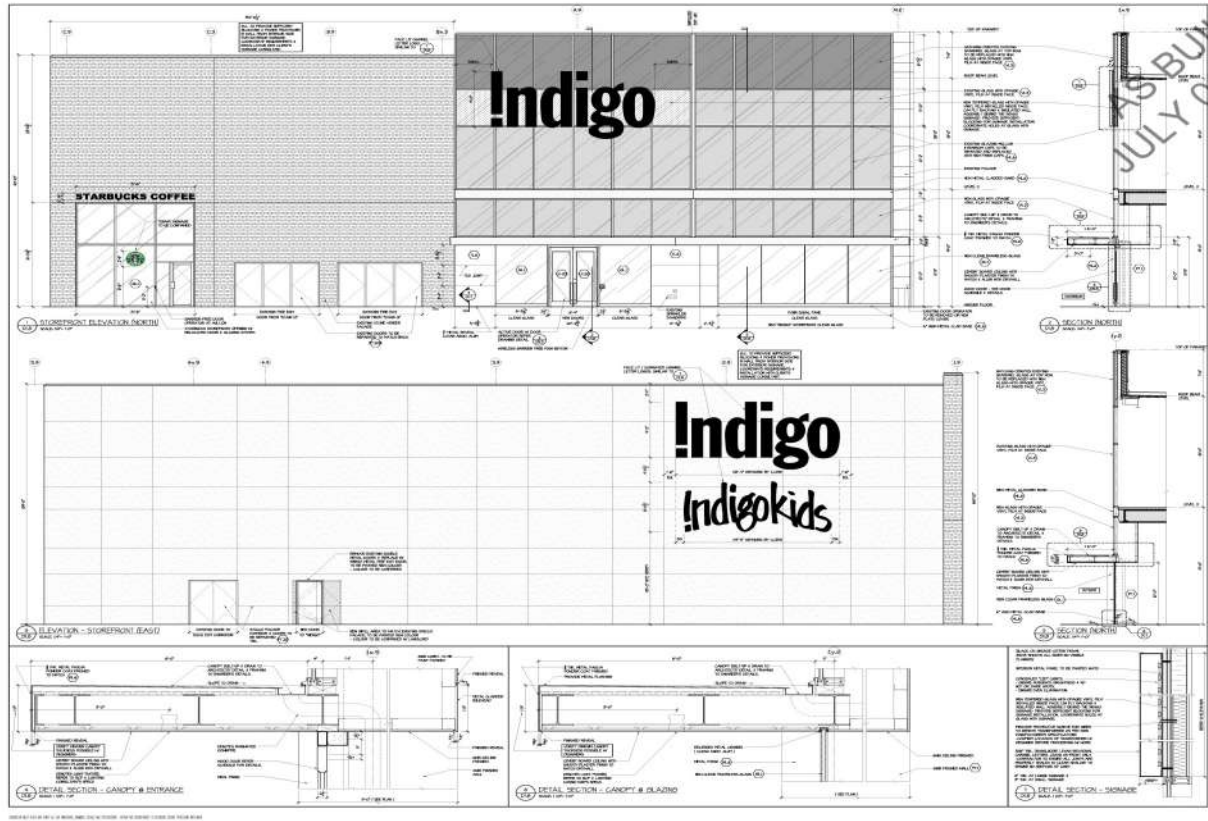
While working at Burdilek Inc, I was assigned to join the architectural design team to produce both architectural and millwork drawing packages for Indigo Chapters Sherway Gardens.

Indigo is known to be one of the most popular bookstore incorporating various reading materials as well as other gifts, literary materials in Canada. The new concept for this location had specifically demanded our team to come up with the new storefront with its façade facing on the street with the adjacent Starbucks Coffee shop. The design for the bookstore had required us to provide the customer with new experience associated with interior design concept of the space which the Indigo had specifically come up with its own style in terms of spatial organization of numerous architectural elements such as columns, lighting fixtures, furniture, staircase...etc.

After our team had consulted with the client in terms of the interior space coordination, we were asked to provide shop drawings for each millwork fixtures located both on the ground and second floor of the building to further specify design criteria.



AS BUILT
JULY 06, 2016



REVISIONS

NO.	DATE	DESCRIPTION
1	07/06/16	AS BUILT

NOTES

NOTE THIS DRAWING IS FOR DESIGN INTENT. TYPICAL ARCHITECT DRAWINGS TO FOLLOW

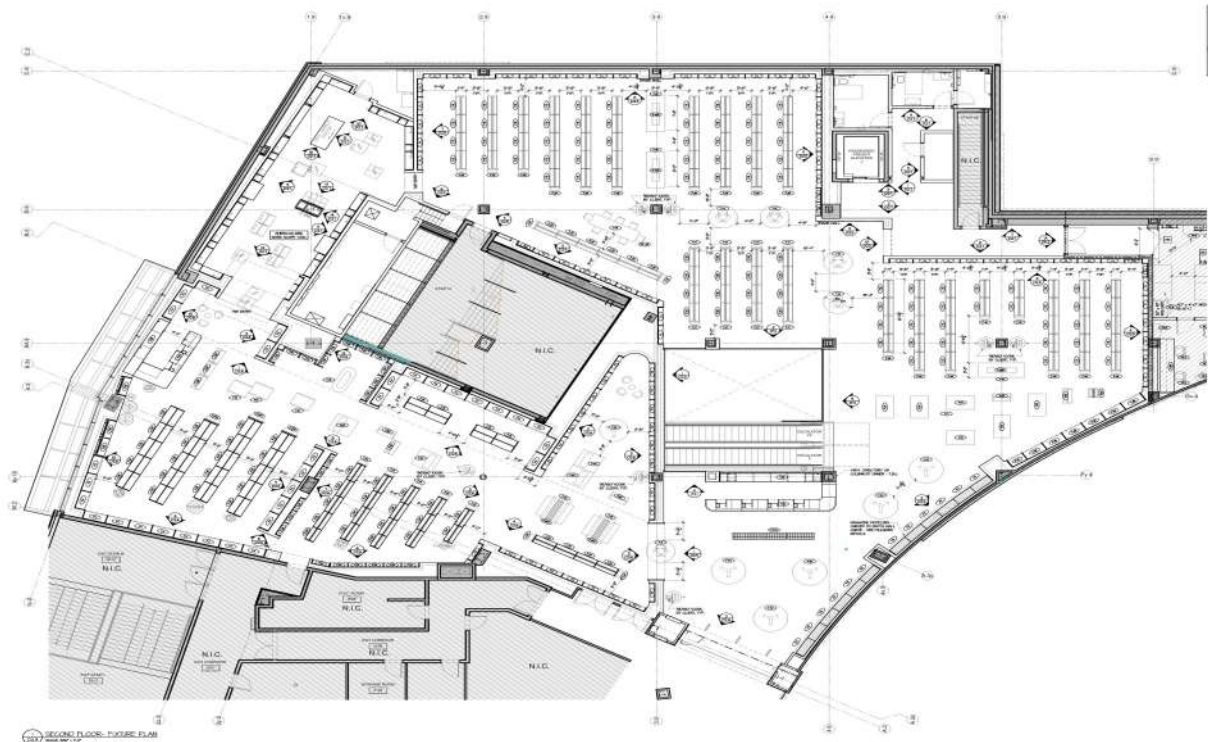
1	07/06/16	AS BUILT
2	07/06/16	AS BUILT
3	07/06/16	AS BUILT
4	07/06/16	AS BUILT
5	07/06/16	AS BUILT
6	07/06/16	AS BUILT
7	07/06/16	AS BUILT
8	07/06/16	AS BUILT
9	07/06/16	AS BUILT
10	07/06/16	AS BUILT
11	07/06/16	AS BUILT
12	07/06/16	AS BUILT
13	07/06/16	AS BUILT
14	07/06/16	AS BUILT
15	07/06/16	AS BUILT
16	07/06/16	AS BUILT
17	07/06/16	AS BUILT
18	07/06/16	AS BUILT
19	07/06/16	AS BUILT
20	07/06/16	AS BUILT
21	07/06/16	AS BUILT
22	07/06/16	AS BUILT
23	07/06/16	AS BUILT
24	07/06/16	AS BUILT
25	07/06/16	AS BUILT
26	07/06/16	AS BUILT
27	07/06/16	AS BUILT
28	07/06/16	AS BUILT
29	07/06/16	AS BUILT
30	07/06/16	AS BUILT
31	07/06/16	AS BUILT
32	07/06/16	AS BUILT
33	07/06/16	AS BUILT
34	07/06/16	AS BUILT
35	07/06/16	AS BUILT
36	07/06/16	AS BUILT
37	07/06/16	AS BUILT
38	07/06/16	AS BUILT
39	07/06/16	AS BUILT
40	07/06/16	AS BUILT
41	07/06/16	AS BUILT
42	07/06/16	AS BUILT
43	07/06/16	AS BUILT
44	07/06/16	AS BUILT
45	07/06/16	AS BUILT
46	07/06/16	AS BUILT
47	07/06/16	AS BUILT
48	07/06/16	AS BUILT
49	07/06/16	AS BUILT
50	07/06/16	AS BUILT

BURDIFILEK
100 Montgomery Street, Suite 300
Cambridge, MA 02147
617.252.4344

INDIGO
SHERWAY GARDENS
CAM # 3028
100 MONTGOMERY STREET
CAMBRIDGE, MA

EXTERIOR ELEVATIONS, SECTIONS & DETAILS

DATE	07/06/16
BY	ASB
CHECKED	ASB
SCALE	AS SHOWN
TITLE	D1.8



1	07/06/16	AS BUILT
2	07/06/16	AS BUILT
3	07/06/16	AS BUILT
4	07/06/16	AS BUILT
5	07/06/16	AS BUILT
6	07/06/16	AS BUILT
7	07/06/16	AS BUILT
8	07/06/16	AS BUILT
9	07/06/16	AS BUILT
10	07/06/16	AS BUILT
11	07/06/16	AS BUILT
12	07/06/16	AS BUILT
13	07/06/16	AS BUILT
14	07/06/16	AS BUILT
15	07/06/16	AS BUILT
16	07/06/16	AS BUILT
17	07/06/16	AS BUILT
18	07/06/16	AS BUILT
19	07/06/16	AS BUILT
20	07/06/16	AS BUILT
21	07/06/16	AS BUILT
22	07/06/16	AS BUILT
23	07/06/16	AS BUILT
24	07/06/16	AS BUILT
25	07/06/16	AS BUILT
26	07/06/16	AS BUILT
27	07/06/16	AS BUILT
28	07/06/16	AS BUILT
29	07/06/16	AS BUILT
30	07/06/16	AS BUILT
31	07/06/16	AS BUILT
32	07/06/16	AS BUILT
33	07/06/16	AS BUILT
34	07/06/16	AS BUILT
35	07/06/16	AS BUILT
36	07/06/16	AS BUILT
37	07/06/16	AS BUILT
38	07/06/16	AS BUILT
39	07/06/16	AS BUILT
40	07/06/16	AS BUILT
41	07/06/16	AS BUILT
42	07/06/16	AS BUILT
43	07/06/16	AS BUILT
44	07/06/16	AS BUILT
45	07/06/16	AS BUILT
46	07/06/16	AS BUILT
47	07/06/16	AS BUILT
48	07/06/16	AS BUILT
49	07/06/16	AS BUILT
50	07/06/16	AS BUILT

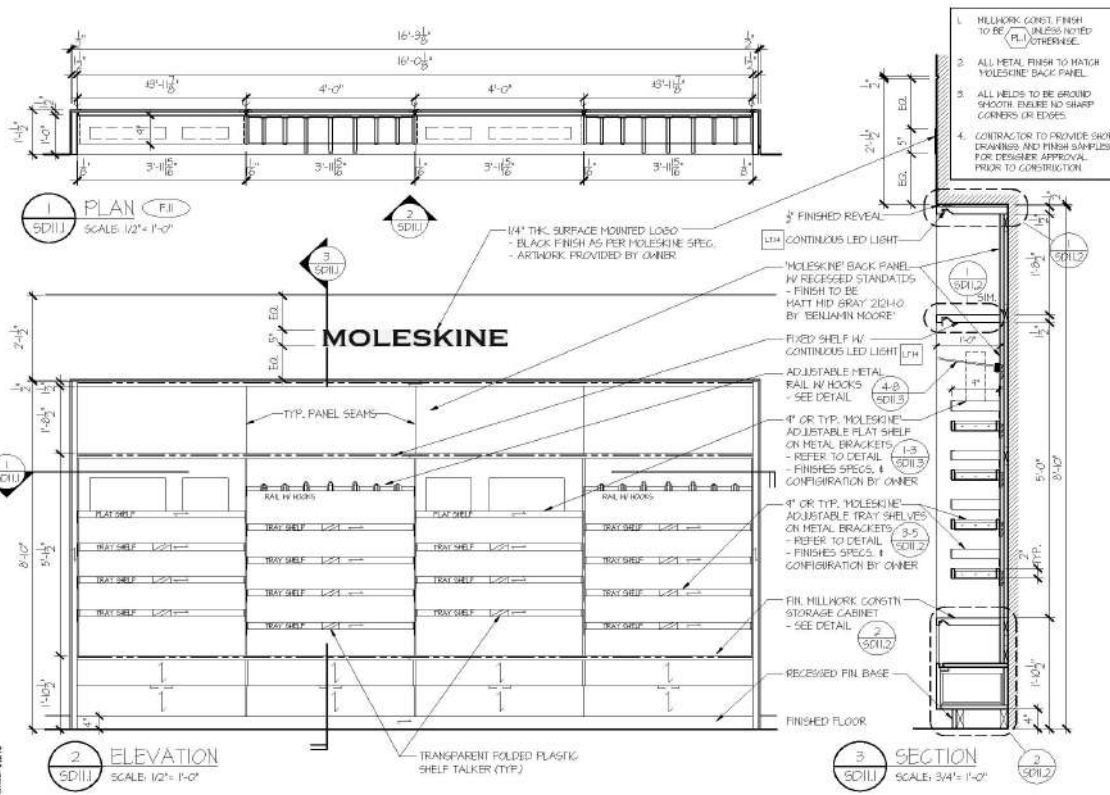
BURDIFILEK
100 Montgomery Street, Suite 300
Cambridge, MA 02147
617.252.4344

INDIGO
SHERWAY GARDENS
CAM # 3028
100 MONTGOMERY STREET
CAMBRIDGE, MA

SECOND FLOOR FUTURE PLAN

DATE	07/06/16
BY	ASB
CHECKED	ASB
SCALE	AS SHOWN
TITLE	D2.3

Working Drawings - Indigo Chapters



GENERAL NOTES

- MILLWORK CONST. FINISH TO BE (FL) UNLESS NOTED OTHERWISE.
- ALL METAL FINISH TO MATCH MOLESKINE BACK PANEL.
- ALL HELDS TO BE GROUND (S402H) EXCEPT HD SHARP CORNERS OR EDGES.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS AND FINISH SAMPLES FOR DESIGNER APPROVAL PRIOR TO CONSTRUCTION.

AS BUILT

SITE INST. # 2

JAN. 01/16
APR. 01/16
MAR. 16/16
MAR. 11/16
MAR. 04/16
FEB. 22/16
FEB. 12/16
FEB. 05/16
JAN. 27/16
JAN. 20/16
DEC. 07/15
OCT. 23/15
REVISION

4. G.C. REFERENCE DEC. 01/15

3. NOV. 18/15

2. MILLWORK TENDER OCT. 23/15

1. TENDER OCT. 04/15

REVISION

BURDIFILEK

183 Bathurst Street, Suite 300
Toronto, Ontario M5T 2R7
416 703 4334
416 703 8383

PROJECT: INDIGO SHERWAY GARDENS
PROJECT NO: 15107

CRU # 3038
25 THE WEST MALL
ETOBICOKE, ON
M9C 1B8

DATE: SD111

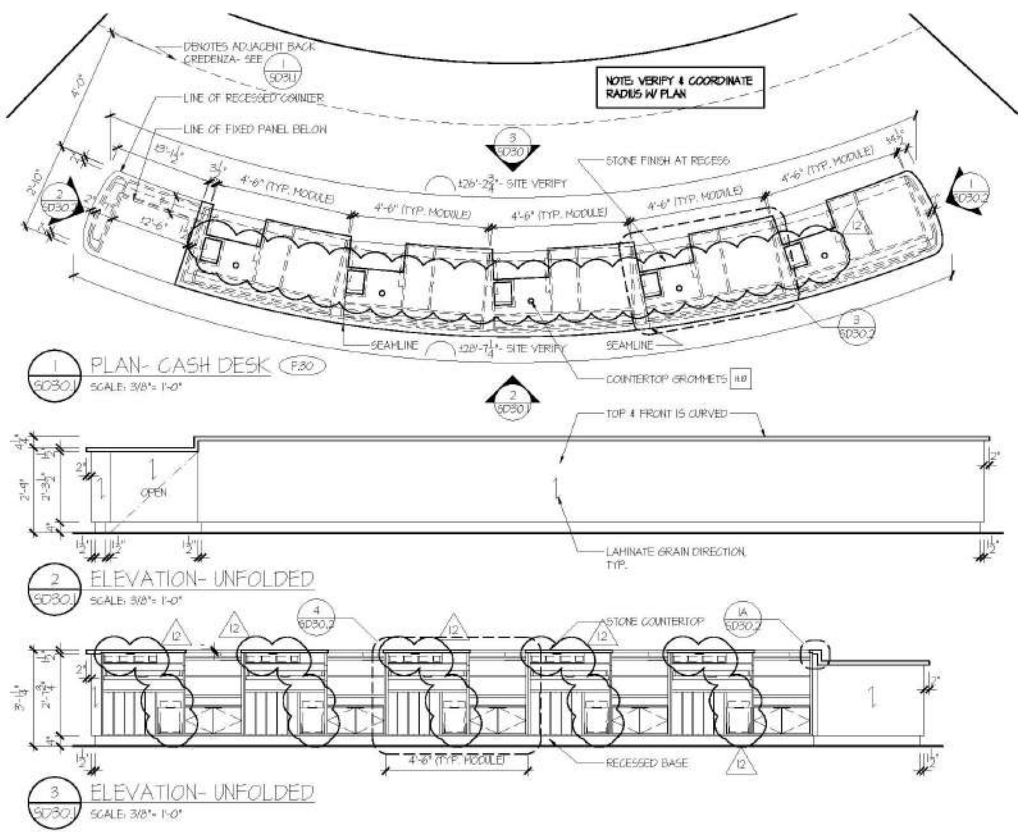
BURDIFILEK

183 Bathurst Street, Suite 300
Toronto, Ontario M5T 2R7
416 703 4334
416 703 8383

PROJECT: INDIGO SHERWAY GARDENS
PROJECT NO: 15107

CRU # 3038
25 THE WEST MALL
ETOBICOKE, ON
M9C 1B8

DATE: SD301



GENERAL NOTES

AS BUILT

CCN-5

JAN. 01/16
APR. 01/16
MAR. 16/16
MAR. 11/16
MAR. 04/16
FEB. 22/16
FEB. 12/16
FEB. 05/16
JAN. 27/16
JAN. 20/16
DEC. 07/15
OCT. 23/15
REVISION

4. G.C. REFERENCE DEC. 01/15

3. NOV. 18/15

2. MILLWORK TENDER OCT. 23/15

1. TENDER OCT. 04/15

REVISION

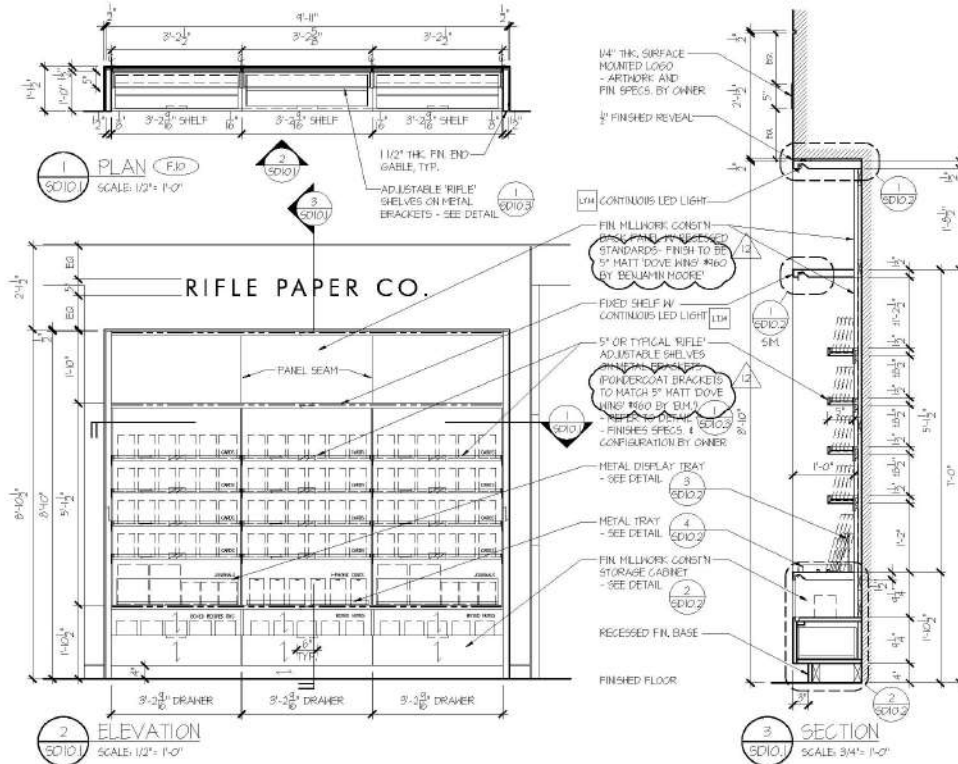
BURDIFILEK

183 Bathurst Street, Suite 300
Toronto, Ontario M5T 2R7
416 703 4334
416 703 8383

PROJECT: INDIGO SHERWAY GARDENS
PROJECT NO: 15107

CRU # 3038
25 THE WEST MALL
ETOBICOKE, ON
M9C 1B8

DATE: SD301



AS BUILT

SITE INST. # 2

AS BUILT	JUN. 07/16
AS BUILT	APR. 07/16
AS BUILT	MAR. 12/16
AS BUILT	MAR. 11/16
AS BUILT	MAR. 04/16
AS BUILT	FEB. 22/16
AS BUILT	FEB. 12/16
AS BUILT	FEB. 05/16
AS BUILT	JAN. 27/16
AS BUILT	JAN. 20/16
AS BUILT	DEC. 07/15
AS BUILT	OCT. 29/15
AS BUILT	REVISION

4. G.C. REFERENCE DEC. 01/15

5. NOV. 18/15

2. MILLWORK TENDER OCT. 29/15

1. TENDER OCT. 04/15

SD10 R

BURDIFILEK

183 Bellhurst Street, Suite 300
Toronto, Ontario, M5T 2R7
416 703 4334
416 703 8383

PROJECT NO: 15107

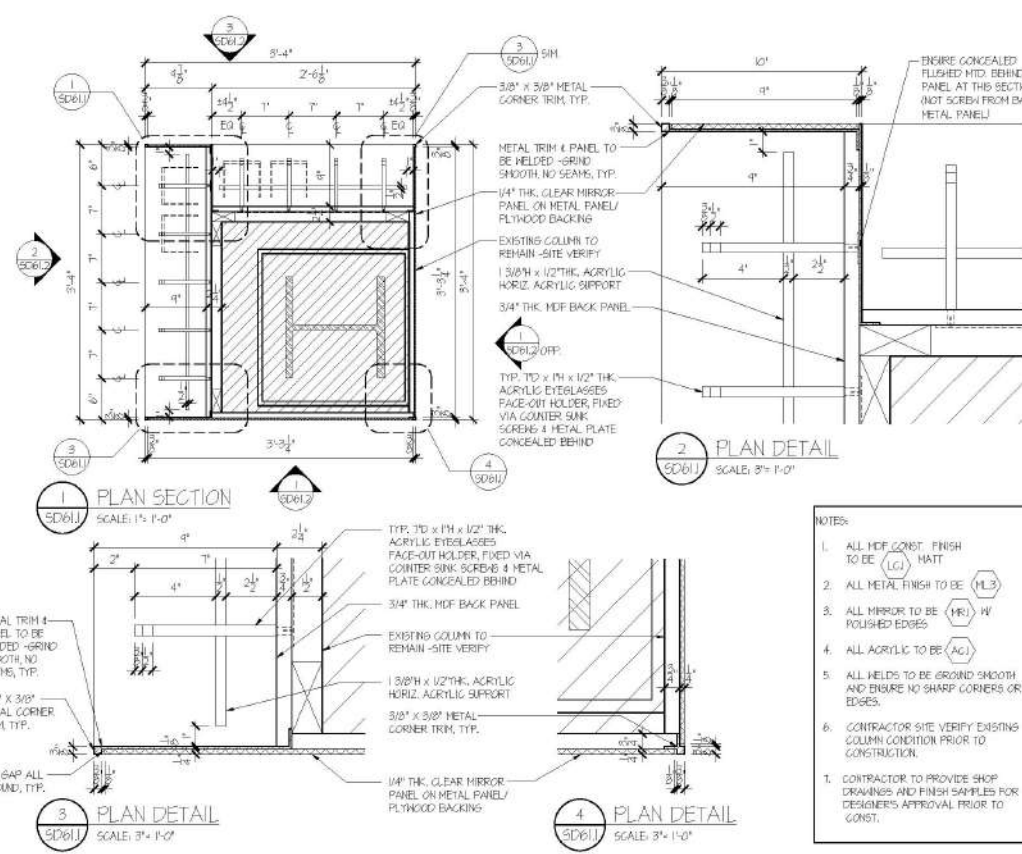
INDIGO SHERWAY GARDENS CRU # 3038

25 THE WEST MALL
ETOBICOKE, ON
M9C 1B8

TRIM: F6

'RIFLE' WALL CABINET DETAILS

DATE AS NOTED	WT 5/6/16
DATE BY	SD10 R
DATE BY	BF
DATE BY	SD10.1



AS BUILT

SITE INSTRUCTION #1

CON-4

AS BUILT	JUN. 07/16
AS BUILT	APR. 07/16
AS BUILT	MAR. 12/16
AS BUILT	MAR. 11/16
AS BUILT	MAR. 04/16
AS BUILT	FEB. 22/16
AS BUILT	FEB. 12/16
AS BUILT	FEB. 05/16
AS BUILT	JAN. 27/16
AS BUILT	JAN. 20/16
AS BUILT	DEC. 07/15
AS BUILT	OCT. 29/15
AS BUILT	REVISION

4. DEC. 01/15

3. NOV. 18/15

2. OCT. 29/15

1. OCT. 04/15

SD10 R

BURDIFILEK

183 Bellhurst Street, Suite 300
Toronto, Ontario, M5T 2R7
416 703 4334
416 703 8383

PROJECT NO: 15107

INDIGO SHERWAY GARDENS CRU # 3038

25 THE WEST MALL
ETOBICOKE, ON
M9C 1B8

TRIM: F6

EYEGLASSES DISPLAY COLUMN DETAILS

- NOTES:
- ALL MDF CORNER FINISH TO BE (LC) MATT
 - ALL METAL FINISH TO BE (ML3)
 - ALL MIRROR TO BE POLISHED EDGES
 - ALL ACRYLIC TO BE (AC)
 - ALL HELDS TO BE GRIND SMOOTH AND ENSURE NO SHARP CORNERS OR EDGES.
 - CONTRACTOR SITE VERIFY EXISTING COLUMN CONDITION PRIOR TO CONSTRUCTION.
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND FINISH SAMPLES FOR DESIGNER'S APPROVAL PRIOR TO CONST.

DATE AS NOTED

DATE BY

DATE BY

DATE BY

DATE AS NOTED	WT 5/6/16
DATE BY	SD10 R
DATE BY	BF
DATE BY	SD61.1

LAST REVISED: 6/6/16

LAST REVISED: 6/6/16

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS, FINISHES, TYPES AND SPECIFICATIONS. REPORT ANY DISCREPANCIES TO DESIGNER PRIOR TO RECEIVING NEW WORK.

Working Drawings - Bell Mobility



The second phase of the major project I had worked on while I was in Burdiflek was Bell Mobility. Bell is known to be one of the most popular, renowned telecommunication company across all regions of Canada to provide customers with services associated with newly emerged cell-phones, internet access, and other various products associated with them. Our company was famous for providing new Bell stores in numerous locations including Toronto, Vancouver, New Brunswick, Nova Scotia, Quebec...etc. With the Bell's demand of coming up with new design concepts in terms of its interior design features at different stages, our company's responsibility was to assess existing conditions for each project's site and coming up with the finalized working drawings which could enable achieving new concept to take place in construction phase. Not only our firm was dedicated to work on architectural scope of work, we also had to come up with drawing packages for millwork fixtures within the stores.

