

a c d f *
architecture | urbanisme | intérieur

Montréal, April 30th, 2009

Dr Scott Drake, BSc (Ma), B Arch (Hons) PhD
Competition Coordinator
Senior Lecturer - Assistant Dean
University of Melbourne – Faculty of Architecture, Building and Planning

Dear Mr. Drake,

It is with great enthusiasm that A CD F* architects are submitting an expression of Interest for the New building for the Faculty of Architecture Building and Planning architectural competition. Please find enclosed the presentation document (6x A3 format) as per the competition requests. Please consult our web site to learn more on our latest projects and our approach to design.

www.acdf.ca

<http://www.acdf.ca/site/fr/projet/8-Concours/Melbourne>

Following our recent experiences in teaching facilities, as well as our extensive knowledge in patrimonial building transformation and integration, our team will provide you a design approach filled with imagination, poetry and creativity to achieve fully the objectives of this interesting project. Following also our involvement as invited professor at the University of Montreal School of Architecture, we are sensible and interested to create a teaching environment adequate to a full expression of creativity and research.

With our past and ongoing experiences in the United Arab Emirates and in China, we fully understand the challenges associated with international projects. We are proposing a full presence of our design team in Melbourne for the duration of the Competition and for the project preliminary development. We will add a local partner at the beginning of the conceptual stage in order to integrate all the project stakeholders at the beginning of the conceptual work.

Our approach is also complemented by a strong technical knowledge that insures a fully integrated, construct-able and reliable project. Our architectural team of 60 collaborators, along with strong on-going engineering and landscape architecture firm service providers, will provide a high quality of management, technical knowledge, design skills and with full participation of the partners in all the project phases.

We hope the attached documents will provide all required details. If you have any questions or additional requests, please don't hesitate to contact us. We look forward to work with you and your team.

Best regards,

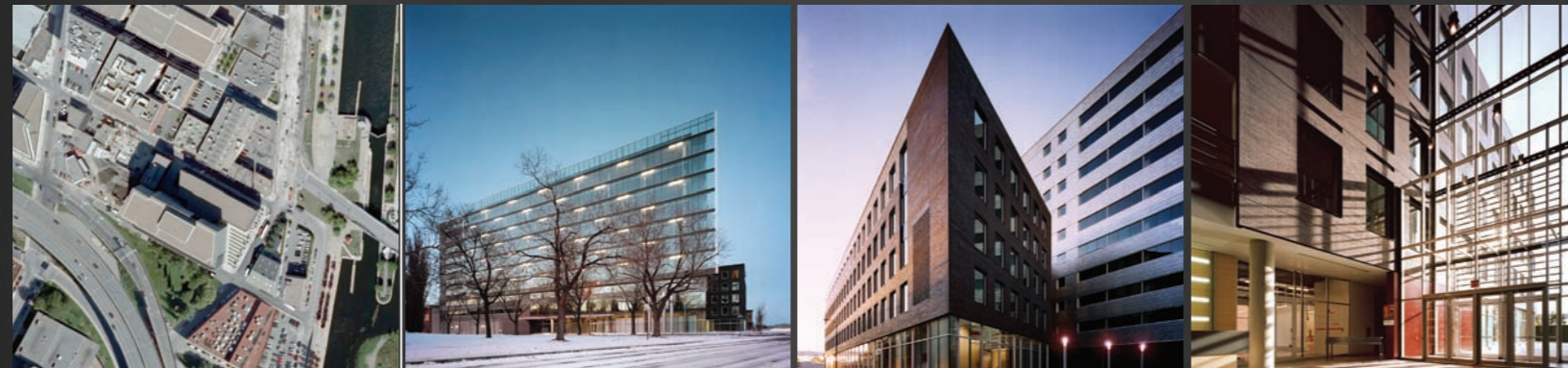


Maxime-Alexis Frappier, design partner, MOAQ, MRAIC
acdf* architects

BUILT PEDAGOGY

MULTIMEDIA DISTRICT, PHASE 8, MONTREAL, QUEBEC

The project of the Multimedia district, Phase 8 is an office building located in old Montreal. It has two floors of underground parking for about 225 places, two buildings connected by an atrium, one of 5 floors and one of 10 floors. **The project consists to rehabilitate the Faubourg des Récollets by creating a complete urban environment:** office space, shops, houses... The design of the project involved an aspect of **integration to the site** and **relationship with its history**. The morphology of the building tends to **respond to various urban components particular to the site**. On Prince Street, the smaller of the two buildings is combined with the surrounding buildings by its low clearance and a sober architecture reflecting the relation of this district to the industrial era. The second building, across metropolitan and near the Bonaventure Expressway, is build with glass and metal which develops a more **contemporary language** to project the image of the multimedia industry that is booming. Particular attention was given to BDMA area ratio R/U (rental/used) through the core services in order to minimize the unrental space.



2000-2003 - 35M\$ / client: société en commandite, Brennan-Duke, M. Claude Rheault (514) 878 2483

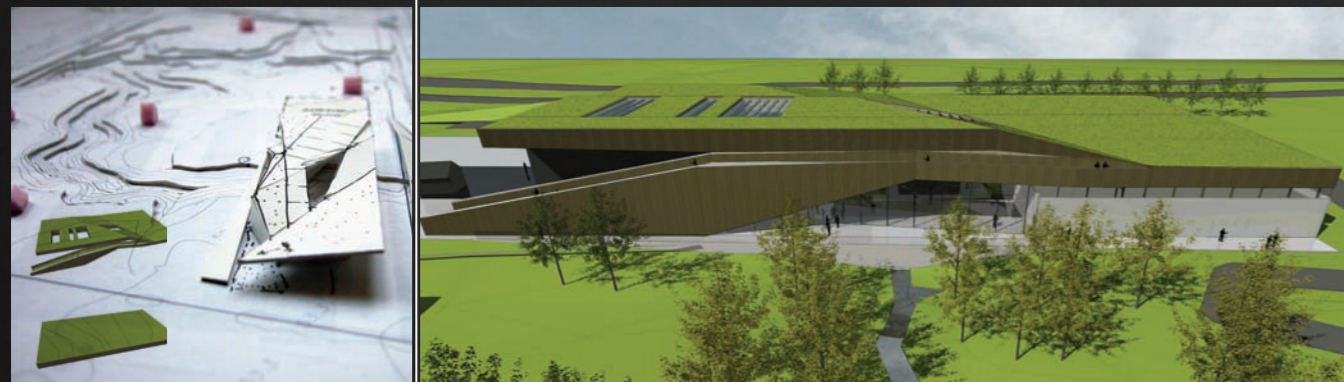
THE STORYLINE
 RALIES ALL AFFECTED
 STAKEHOLDERS, USERS AND
 PROFESSIONALS TO A COMMON
 ENTHUSIASM, CONSTANTLY
 STIMULATED AND INFLUENCED
 BY THE CONTRIBUTION OF ALL
 THROUGHOUT THE PROJECT
 PHASE, DEVELOPING A NEW BUILT
 PEDAGOGY: A WHOLE BUILDING
 DESIGN APPROACH. «**SPEAKING
 ABOUT ARCHITECTURE AS ONE
 TELLS A STORY...**»

CONNECTING TO ITS COMMUNITY

BUILT PEDAGOGY



BUILT LANDSCAPE
 OUTSTANDING WORK OF ARCHITECTURE



2009-2010 (Ongoing project) - 12 M \$ - Client: Cité Collégiale - Méziane Zéroual ing. (613) 742-2493

CITÉ COLLÉGIALE, TRADE SCHOOL, ORLÉAN, ONTARIO

The richness of the different agricultural landscape strata and the richness of the topography of the site are the starting points of our conceptual approach. The analysis of the features of the site can see **the richness of the dialogue between the topography of the area and the new building** and the contrast between the peaceful and contemplative character of the landscape and the dynamic movement of the cars. Like a vegetal plate that rises above the ground, the concept proposes the **development of a sculptural planted roof**, a kind of **reconstituted topography** who engaged a **dialogue with the horizontal natural landscape** while generating a strong sculptural presence on Route 174.

THE ACADEMIC ENVIRONMENT

LIBRARY OF THEOLOGY, JEAN-DE-BRÉBEUF COLLEGE, MONTREAL, QUEBEC

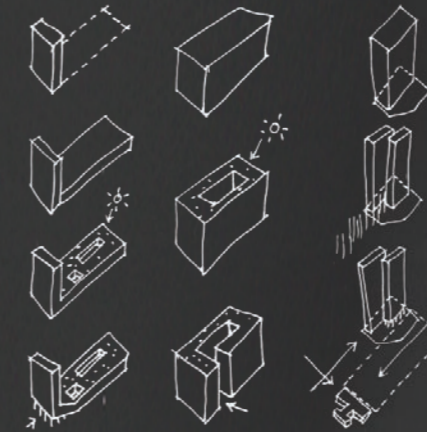
Project of restoration and transformation of the former chapel of the Collège Jean-de-Brébeuf. the redevelopment of this religious zone **of the historic building** include a multipurpose room and a library for the collection of the Société de Jésus. **To preserve the original architectural elements**, two boxes of glass are arranged in relation to and connected by an ambulatory suspended over the aisles. One, more transparent, retains the perspective on the choir, original item important, and becomes **an exhibition of rare books**. The other, more opaque, is suspended on the entrance and is dedicated to **the consultation**. As for the ambulatory, it is the movement **and archiving**. At the center of the composition volume, **a multipurpose hall** is devoted to listening to the past and future Eight murals of artist René Derouin, reminiscent of early Christian mosaics surround the hall and provide a good acoustic.



1999-2004 - 3,5M\$ / client: Collège Jean de Bréboeuf

FOR EVERY ACTION THERE IS AN EQUAL AND OPPOSITE REACTION. FOR EVERY FORCE THERE IS AN EQUAL AND OPPOSITE REACTION FORCE.

Our design approach is inspired by the Newton's third law: For every action there is an equal and opposite reaction. For every force there is an equal and opposite reaction force. The sketches showed are part of our sequential design approach. This sequential design approach is characterized by a succession of volumetric transformations linked up with the site components, the architectural program and the poetic approach of the conceptual storyline.



2. THE ACADEMIC ENVIRONMENT



1992-1999 - 19M\$ / client: Commission Scolaire de Saint-Hyacinthe

TRADE SCHOOL, PHASE 1-2, ST-HYACINTHE, QUÉBEC

The project's response to the stated request is both simple and expressive. The first phase of the project aligns **workshops and classrooms on one side of an ample and long gallery to be used for exchanges, circulation and rest**. The gallery's design enhances **the sense of society for students and teachers** with a common space under an articulated roof. The second phase is connected to one of the gallery's endings. Its design is in strong contrast to the linearity of the first phase. In response to programmatic needs for large agriculture and automotive workshops, the extension is modeled as a broad and open volume. **The project incorporates energy efficiency considerations**, such as air recirculation, geothermal power and solar wall.

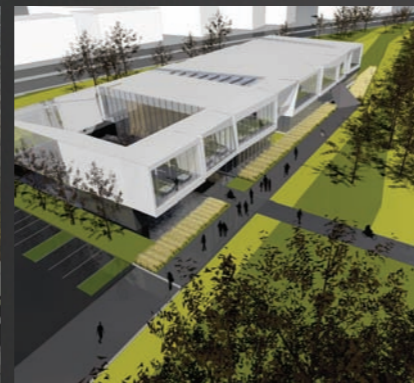
THE RIGHT TO GLEAN / THE RIGHT TO GATHER / THE RIGHT TO READ ALOUD / THE RIGHT TO BE QUIET / THE RIGHT TO LEARN FROM THE OTHERS / THE RIGHT TO DO MISTAKES/ THE RIGHT TO RELAX / THE RIGHT TO TEST / THE RIGHT TO DRAW ANYWHERE

As per the essay «Comme un roman» of Daniel Pennac, our approach for teaching facilities proposes a hymn and a desacralisation of the typical teaching spaces. We established a list of rights for the **students, researchers and teachers** that allow them to forget any hierarchy and therefore to devote themselves to **learning and teaching with an absolute liberty**. The rights proposed are the following ones:

THE DESIGN STUDIO

CITÉ COLLÉGIALE, TRADE, SCHOOL, ORLÉAN, ONTARIO

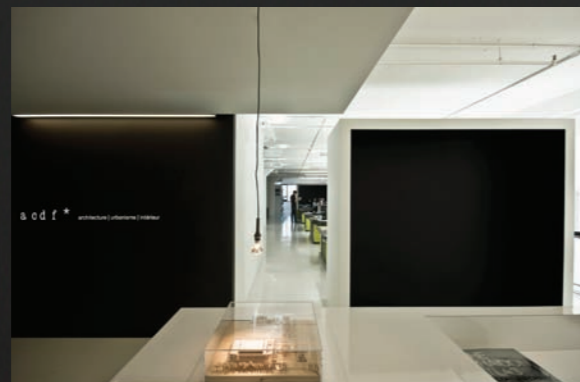
The sculptural and aerial character of the concept can **generate a multitude of programmatic arrangements** that give the project a perfect flexibility in the process of establishing a school through an architectural competition. This will make it possible and **easy to adapt the planning of program functions**, to project future expansions while retaining the basic concept: a vegetal and topographical plate in dialogue with the site, the landscape, the ecology and allows to define a separate image on Route 174.



NEW LIBRARY, ST-HUBERT, QUEBEC

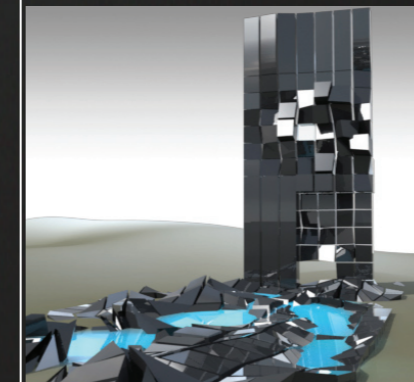


2009-2010 (Ongoing project) _ 12 M \$ _ Client: Cité Collégiale - Méziane Zéroual ing. (613) 742-2493



3575 St-Laurent st. Montréal, ACDf Office

One of the most current problematic in architectural teaching building is caused by **the individual design approach linked with usage of the computer inside the studios** and the decrease of models and drawings. In order to **force the communication and the apprenticeship between students**, we believe that the creation **studios must offer a multitude of design tools**. The students must be able to draw on the walls and on the floors, to have workshops models integrated to the teaching studios, to have full access to exhibition zones, to have numerous gathering spaces that facilitate the exchanges and debates...**to have a space of teaching that push back limits...**



AMF Centre, Resort, Dubai, UAE



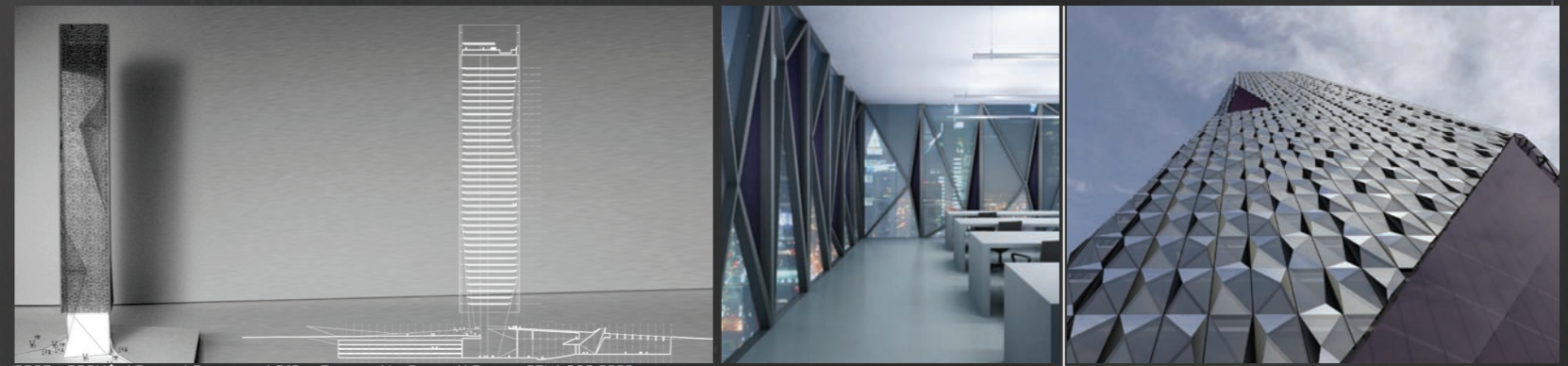
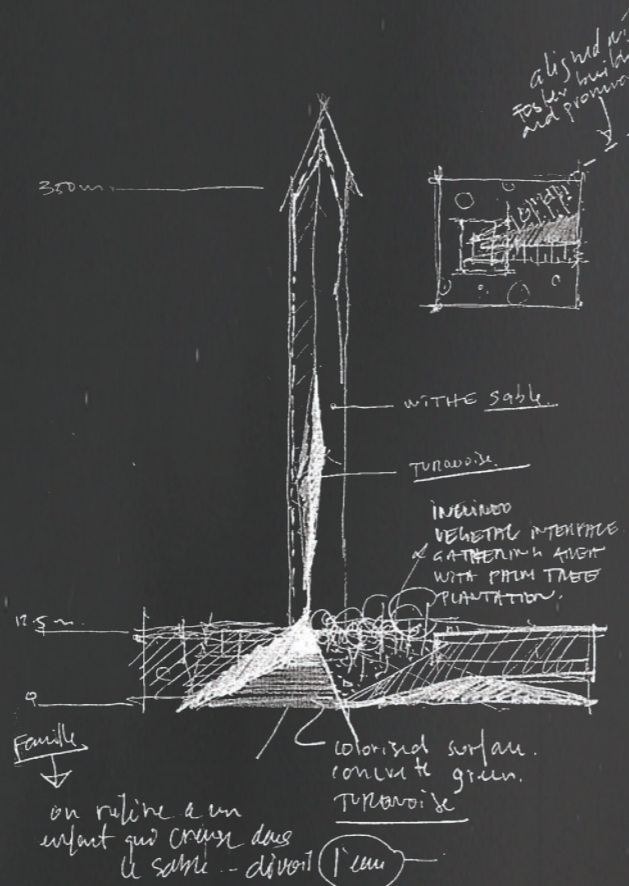
THE LIVING BUILDING

DUBAI INTERNATIONAL FINANCIAL CENTRE, OPERATIONS/CONTROL CENTRE AND OFFICE TOWER, DUBAI, UAE

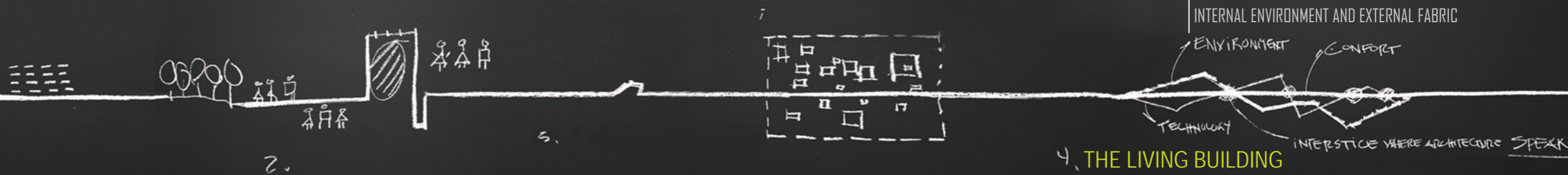
The conceptual approach of the project is based on a **reinterpretation of the natural components of the site** and Gulf region. Hence, the main objective of the project is to give the impression that the **building takes root from these components** instead of simply being an imposing object on the DIFC properties.

- Water: A shimmering texture reflecting the sun, a vivid turquoise color
- Air: A saline breeze, a constant wind sculpting objects (eroding, polishing, abrasion or corrosion of surfaces)
- Earth: Sand and minerals, the ever changing topography of the desert, shaped by the winds and nomade paths
- Sun: To create a dynamic dialogue using reflectives matters and sparkling facade features.

The delicate and polished envelope (with serigraphic pattern) allows the tower to be perceived as **the enlightened beacon** of the DIFC site, creating a delicate dialogue with the textured volume of the office tower, and sculptural core which withdraws its energies from the desert, unfolding by the climate and context. The unfolding curtain wall becomes a sparkling skin during the day. Light reflecting off the glazed facades reveal the sculptural qualities of the building and **enriches the interaction building to site elements and context**. The triangulated pattern of the glazed facades is inspired by Islamic geometry. The three glass panels have different properties, and therefore used for different purposes. The top glass panel is **shaded by serigraphy**; this reduces solar glare and minimizes heat gain. The bottom panel is **clear glazed** providing views to the exterior. The side panel is a **photovoltaic panel** absorbing solar energy in the intent of powering most of the service and public zones.



2007 - 500M\$ / Control Centre and Office Tower - Mr. Samir Al Zaai - +971 4 362 2222



DESIGN AND OPERATION OF ITS ENVIRONMENTAL SYSTEMS



Pavillon Sainte-Marie



740 Bélair



Égout St-Germain

SUSTAINABLE DESIGN / LEED ACCREDITED BUILDINGS

Sustainable development is integral to **acdf*** designed buildings. Rising energy costs, impacts of climate change, value of resource management and conservation indicate a need for more sustainable design and construction. **acdf*** has all the necessary tools to design and build facilities that are energy conscious, comfortable, durable and, aesthetically pleasing.

Easy to maintain Sustainable buildings enhance the performance and effectiveness of heating, cooling, and ventilation and lighting systems. **acdf*** applies simple solutions based on sound architectural practices to provide ease of maintenance, and, durable and efficient buildings.

Cost-effective Sustainable buildings produce high quality environments that have a positive effect on health and productivity. **acdf*** implements sustainable solutions within the owner's capital budget, - without compromising on quality. By providing owners with highly desirable places in which to live and work, sustainable construction offers an increased return on investment over the life of the building.

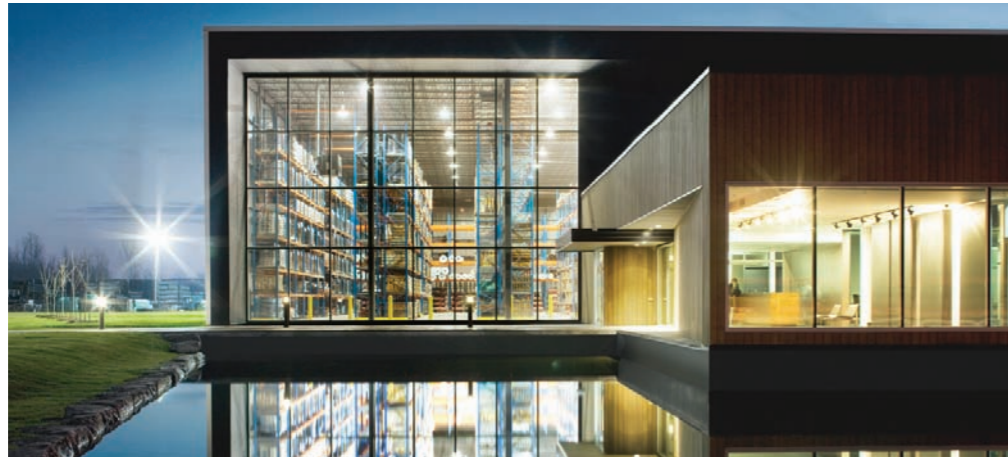
MAXIME ALEXIS-FRAPPIER, OAA, RAIC, Partner, Lead Designer

Maxime-Alexis Frappier graduated from the University of Montréal School of architecture where he received the Canadian Architect Student Award of Excellence for his thesis project, the Electro-Acoustic music center. He has worked for Saucier + Perrotte architects on the design and realization of many institutional projects which have received recognitions and awards, such as the First Nations new Pavilion, the University McGill Schulich school of music new Building, the Men's store Michel Brisson and the University of Toronto Student residences. He also has participated in many important architectural competitions such as the International competition for la Grande Bibliothèque du Québec (finalists), the International competition for le Complexe Culturel pour l'Orchestre Symphonique du Québec (finalists) and the National competition for the Sir George William Campus of Concordia University (finalists). He also acts as an invited professor at University of Montreal School of Architecture. Mr Frappier has been involved recently in the design of various projects in the United Arab Emirates and in Ottawa for the construction of the La Cité Trade School.

Teaching / Invited teacher

invited professor- master these, School of Architecture - University of Montréal- 2009
invited professor- design studio 3- School of Architecture - University of Montréal- 2008
invited professor- design studio 4, École d'architecture de l'Université de Montréal - 2007
invited professor- design studio 3, École d'architecture de l'Université de Montréal - 2007
invited professor- master these, School of Architecture - University of Montréal- 2006
invited professor- design studio 3, École d'architecture de l'Université de Montréal - 2006
invited professor- design studio 3- School of Architecture - University of Montréal- 2005
invited professor- form and function - School of Architecture - University of Montréal- 2005

St-Germain Head Office, St-Hubert, Canada



BENOIT DUPUIS OAA, Partner, Designer, Architectur, Interior design

After graduating from the University of Laval School of Architecture in 1983, Benoit Dupuis enriched his education with studies in Turkey. Mr. Dupuis worked with several reputable firms before founding a practice with Jean-Pierre LeTourneux in 1989. The office of Dupuis LeTourneux Architects was recognized by the Canadian Center of Architecture as one of the most promising young firms marking the avantgarde of Canadian architecture. Benoit Dupuis has been committed to the conception of many award-winning projects praised by architectural critics. In addition to this, Mr. Dupuis has developed a rich expertise in the cultural domain by the design of libraries and museums, and most recently has been mandated to design scenographic exhibitions for the Canadian Center for Architecture. Benoit Dupuis has been teaching architecture at the University of Montréal since 1989, and presently teaches at the graduate level. He has also been a guest critic at the University of Montréal, the University of Laval, as well as the UQAM design department.

Teaching / Invited teacher

invited professor- design studio 3- School of Architecture - University of Montréal- 2007
invited professor- design studio 3- School of Architecture - University of Montréal- 2006
invited professor- design studio 3- School of Architecture - University of Montréal- 2005
invited professor- form and function - School of Architecture - University of Montréal- 2005
invited professor- master these, School of Architecture - University of Montréal- 1995-2004

Fjord Museum, Ville Labaie, Canada



5_ CAPABILITY AND PROCESS

Our team members combine an established reputation, a vast experience with complex projects and a dynamic conception team that altogether enhance architectural spaces through materials, light and tectonic assemblies. acdf* is constituted of over 60 passionate and experienced professionals that work collectively to offer architectural services for new constructions as well as for restoration and enhancement projects of our architectural heritage. acdf* offers a variety of services with the mission of accomplishing architectural projects and designs based on client and user satisfaction, and ensuring the global success of its projects with regard to esthetics, functionality, cost and environmental awareness.

INTENDED PROCESS OF COLLABORATION_ We believe that design excellency has a major influence on people's quality of life. Our design teams integrate all programmatic parameters, from urban scale through to detailed requirements, to bring forward a proposal which will meet, and often exceed, client objectives. The team approach is based on involving the client as part of the team from the earliest stage in a project. The success of any project is built on a good understanding of the core values and issues of the project. Our design team approach is that of a multi-disciplinary team of professionals working to create a better environment for specific people, in tune with their cultural heritage, way of life and vision for the future, resource consumption. This approach offers healthier and highly comfortable spaces to the users, while preserving our natural heritage.

OUR APPROACH TO DESIGN IS BASED ON AN INTEGRATED METHODOLOGY TO MEET THE DEMANDS OF TODAY'S AND TOMORROW'S HIGH-PERFORMANCE BUILDING PROJECTS. THE GOAL OF THIS INTEGRATED «WHOLE BUILDING DESIGN» APPROACH IS TO CREATE A SUCCESSFUL HIGH-PERFORMANCE BUILDING FILLED WITH DIALOGUE, IMAGERY, POETRY AND CREATIVITY. TO ACHIEVE A TRULY SUCCESSFUL HOLISTIC PROJECT, THESE DESIGN OBJECTIVES MUST BE CONSIDERED IN CONCERT WITH EACH OTHER:

WHOLE DESIGN METHODOLOGY_ Our «Whole Building Design» approach consists of two components: an "integrated design approach" and an integrated team process" The «integrated design approach» requires that all the members of the building stakeholder and construction team look at the project objectives, building materials, systems, and assemblies from many different perspectives. This approach is a deviation from the typical planning and design process of relying on the expertise of specialists who work in their respective specialties somewhat isolated from each other. Our "Whole Building Design approach" requires an «integrated team process» in which the design team and all affected stakeholders work together throughout the project phases to evaluate the design for cost, quality-of-life, future flexibility, efficiency; overall environmental impact; productivity, creativity; and added value for occupants. We are proposing a design approach and methodology that will provide a strong visual concept explained by numerous communication tools such as: sketches, model, 3D renderings, 3d video animation and a web site specifically for this project. This "open book" methodology consists on showing all the different portions of an architectural design process. Our focus will be to foster true and partnered discourses in all the design stages. By integrating in one team all the professional firms and relying on a consistent, effective and spirited attitude, the project will be a true «consortium» involving all stakeholders.

CAPACITY TO DELIVER_ With our past and ongoing experiences in the United Arab Emirates and in China, we fully understand the challenges associated with international projects. We are proposing a full presence of our design team in Melbourne for the duration of the Competition and for the project preliminary development. We will add a local partner at the beginning of the conceptual stage in order to integrate all the project stakeholders at the beginning of the conceptual work. acdf* architects are fully prepared and ready to begin work on this project competition immediately upon award. Our team enable a high degree of effectiveness with regard to scheduling. Our team can supply the primary members with all necessary supporting members from commencement, anticipating an intensive period of collaboration particularly for the initial conceptual, pre-design and rendering portions of this project, to completion.

ORGANIZATIONAL RELATIONSHIP_ The flexibility of our organization allows to take on requested resources at any time, for every stage and aspect of the project. When requested the acdf* architects teams has the permanent resource and capacity to insure realization. acdf* architects is composed of more than 60 experienced and passionate professionals who work in a collegiate manner to give services of architecture as much for new building as for restoration project. Our expertise will know how to guarantee the quality of services carried out by the joint venture. Regarding the client-professional relationship, our organizational structure is based on versatility, clarity and simplicity.



6_ MERIT

Laureate of more than **thirty six national and international architecture awards**, the firm collaborators bring a renewed approach towards design, matter and space quality.

- 36 **Ordre des Architectes du Québec, Finalist Award of excellence**, Industrial Architecture - more than 2 M\$, Égout St-Germain, St-Hubert, 2009;
- 35 **8th Annual Best of Canada Design Competition, Best of show**: Institutional, Collège Jean-de-Brébeuf Theology Library, 2005;
- 34 **finalists, IDM awards** (Institute of Design Montreal), category architecture, Collège Jean-de-Brébeuf Theology Library, 2005;
- 33 **Ordre des Architectes du Québec Award of excellence**, Architectural Recycling/Conversion, Collège Jean-de-Brébeuf Theology Library, 2005;
- 32 **Ordre des Architectes du Québec Award of excellence**, Heritage Conservation/Restoration, Domaine Joly-De-Lotbinière, 2005;
- 31 **Ordre des Architectes du Québec, Special Mention for universal accessibility**, Ambulatory care centre at the Hôpital Maisonneuve-Rosemont, 2005;
- 30 **Second Award of excellence, Les prix de la Société des musées québécois**, musée du Fjord, 2005;
- 29 **Le prix orange Sauvons Montréal**, Architectural Recycling/Conversion Category, Collège Jean-de-Brébeuf Theology Library, 2004;
- 28 **First Prize, ASHRAE** (American Society of Heating, Refrigerating and Air-Conditioning Engineers) Collège Jean-de-Brébeuf Theology Library, 2004;
- 27 **Ordre des Architectes du Québec Award of excellence**, Commercial Category, Cité Multimédia, Phase 8, 2003;
- 26 **RAIC Awards of Excellence**, contract documentation, Cité Multimédia phase 8, 2003;
- 25 **Design Awards of Excellence, AERMQ** (Association des Entrepreneurs en Revêtement Métallique du Québec), La Cité Multimédia phase 8, 2003;
- 24 **Certificate of Honour, CMSQ** (Conseil des monuments et sites du Québec), conservation and enhancement of the heritage of Quebec, Youville's Pumping Station, 2003;
- 23 **Third Prize**, Nanchang Technology Park, international Competition, China, 2003;
- 22 **Finalist**, Chapiteau de la cité des arts du cirque (TOHU), Provincial Competition, Montréal, 2002;
- 21 **Finalist**, National Circus School, Provincial Competition, 2002;
- 20 **Grand Jury Prize, Commerce Design Montréal contest**, Restaurant-lounge Newtown, 2002;
- 19 **Honourable Mention, CISC** (Canadian Institute of Steel Construction), Institutional/Commercial Category, Olivier House, Lac Bowker, 2002;
- 18 **Award for Heritage Enhancement, Heritage Special Awards**, Berri-Bonsecours Building, Old-Montreal, 2001;
- 17 **Grand Jury Prize, Commerce Design Montréal contest**, National Bank of Canada, Montreal Headquarter, 2001;
- 16 **Canadian Architect Student Award of excellence**, Electro-Acoustic Music Centre, Student Thesis Project, Université de Montréal, 2000;
- 15 **Business Week Architectural Award**, School of Trades, Saint-Hyacinthe, 1st and 2nd phase, 2000;
- 14 **Ordre des Architectes du Québec Honourable Mention**, School of Trades, Saint-Hyacinthe, 2nd phase, 2000;
- 13 **Québec City's Urbanism Prize**, ENAP Public Administration University, 2000;
- 12 **Ordre des Architectes du Québec Honourable Mention**, Architectural Recycling/Conversion, Youville's Pumping Station, 2000;
- 11 **First Prize, Canadian Minister of Foreign Affairs and International Trade**, Canadian Embassy, Haïti, 1999;
- 10 **Award of Excellence, CISC** (Canadian Institute of Steel Construction), Institutional/Commercial, School of Trades, Saint-Hyacinthe, 1st phase, 1999;
- 09 **Canadian Architect Award of Merit**, Collège Jean-de-Brébeuf Theology Library, 1999;
- 08 **Award of Excellence, CISC** (Canadian Institute of Steel Construction), Industrial/Bridges, Notre-Dame Bridge, 1998;
- 07 **Arcus Originality Award, ABQ** (Association Béton Québec), Notre-Dame Street Bridge, 1998;
- 06 **Energia Award, AQME** (Association québécoise pour la maîtrise de l'énergie), School of Trades, Saint-Hyacinthe, 1st phase, 1997;
- 05 **Ordre des Architectes du Québec Honourable Mention**, Architectural Recycling/Conversion, Musée régional de Rimouski, 1994;
- 04 **Ordre des Architectes du Québec Award of excellence**, School of Trades, Saint-Hyacinthe, 1st phase, 1994;
- 03 **Ordre des Architectes du Québec Honourable Mention**, residential architecture, Coopérative d'habitation de Sainte-Rosalie, 1994;
- 02 **Canadian Architect Award of Excellence**, Faubourg-Québec urban design, Montréal, 1993;
- 01 **Ordre des Architectes du Québec Honourable Mention**, urban design, Espace Maskoutain, 1993;

acdf* is also published on several architectural and design website such as:

creativitemontreal.com
urbanpromoter.com
archiblog.info
architectsjournal.co.uk
bananaam0635.blogspot.com
elandscape.ca
dezona.com
archhdaily.com
hypelife101.blogspot.com
karmatrendz.wordpress.com

noticiasdearquitectura.blogspot.com
en.wordpress.com
directoriarco.blogspot.com
turulmeme.com
orbitando.com
typography.quebecblogue.com
turulmeme.com
styleofdesign.com
directoriarco.blogspot.com