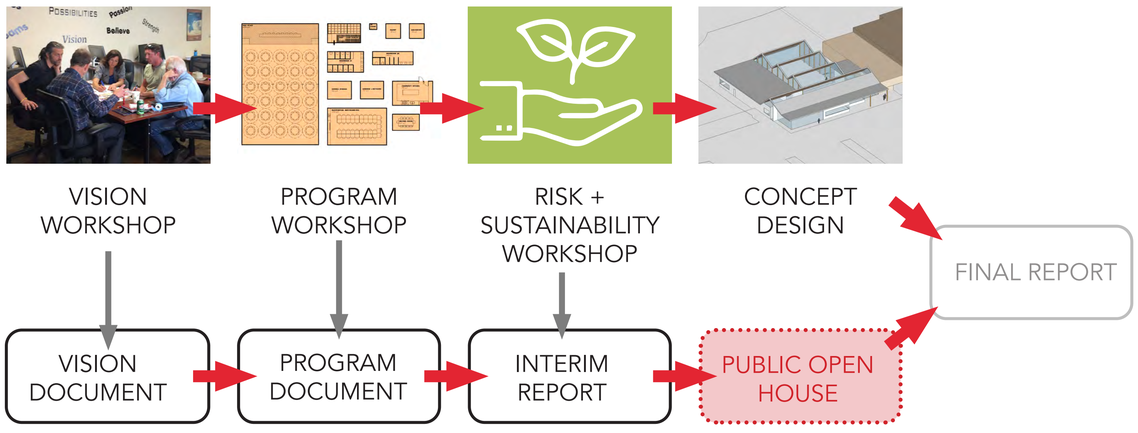
GRAND FORKS
COMMUNITY CENTRE



This project explores the feasibility of a Community Centre for the City of Grand Forks. Urban Arts worked closely with the community of Grand Forks to develop a Vision, Program and concept options that would meet the needs and aspirations of the community.

The project process is as follows:

PROCESS



VISION

The City of Grand Forks (CGF), Regional District of Kootenay Boundary (RDKB) and local residents worked together to create a vision for the Community Centre. The guiding principles for the facility are as follows:

1. REFLECT THE ETHOS OF GRAND FORKS
2. ONE ROOF - CREATE A CONTINUITY OF SPACE, PLACE + SERVICES
3. CREATE A GATHERING PLACE FOR ALL
4. INCLUDE A VARIETY OF FLEXIBLE MEETING SPACES
5. CREATE A SUSTAINABLE BUILDING THAT DEMONSTRATES THE LOVE OF THE LAND
6. SUPPORT RESILIENCE
7. INVEST IN YOUTH
8. CREATE A HEALTHY PLACE
9. CONSIDER ONGOING OPERATIONS







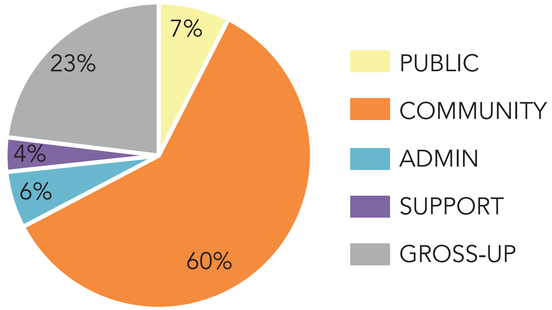


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PROGRAM AND KEY INTERIOR + EXTERIOR SPACES

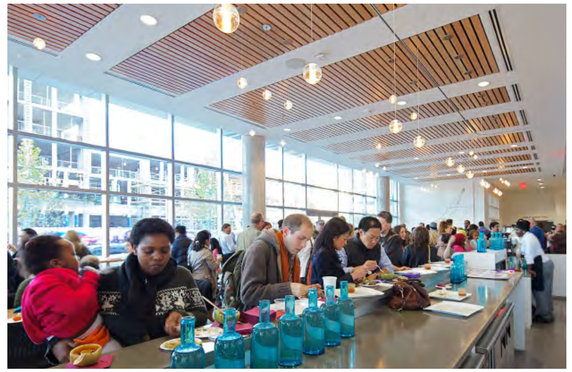
A Program was developed with a total area of 13,150 sf (1,220m2). This includes the following:

- PUBLIC: Lobby, cafe, washrooms
- COMMUNITY: Hall, EOC/Conference Room, Meeting Room, Community Kitchen and Maker Space
- ADMIN: Reception and office space for RDKB Rec Staff
- SUPPORT: Building Support
- GROSS-UP: Circulation and Walls



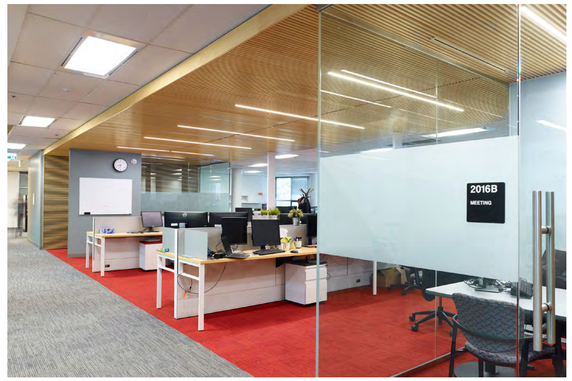
TOTAL AREA: 13,150 sf


Open Lobby with places to hang out


Community Kitchen


Outdoor gathering/BBQ Area


Conference/EOC Space



Administrative Spaces


Cafe Terrace


Community hall for a variety of events + activities


Creation Space



Welcoming Front Porch


Food Garden

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SUSTAINABLE GOALS + STRATEGIES

ENERGY + CARBON
- Reduce energy demand for the building by employing passive design strategies;
- Reduce carbon emissions at building, site and community levels;
- Consider renewable energy sources.

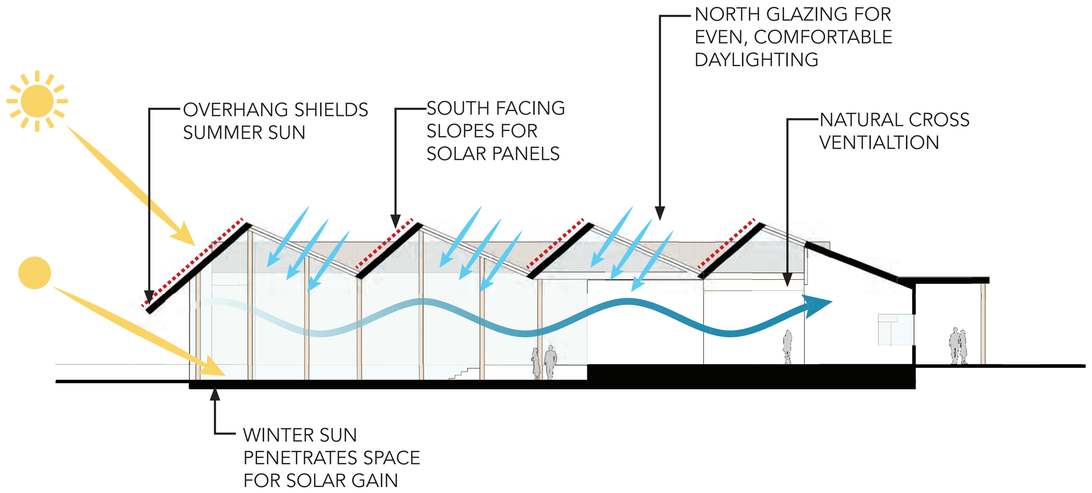
WATER EFFICIENCY + MANAGEMENT
- Reduce potable water use for the building and site, and
- Manage stormwater for the site.

ECOLOGY + BIOPHILIA
- Incorporate biophilic design, including local + natural materials;
- Directly connect to nature and maximize views and daylight; and
- Be a leader in environmental stewardship.

WASTE MANAGEMENT
- Reduce facility waste and divert as much waste as possible, and
- Reduce construction waste and divert as much waste as possible.

BUILDING RESILIENCE
- Apply financially sound strategies for capital + operation costs;
- Design for flexibility with adaptable spaces and consideration for future technology needs; and
- Create a durable building that is easy to maintain.

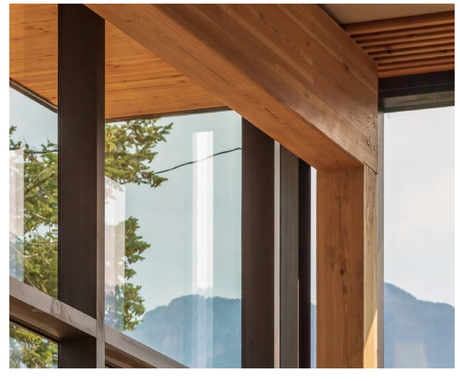
HEALTH, WELLNESS + SAFETY
- Design for diversity and inclusion that supports community groups and is accessible by all;
- Promote occupant safety and comfort; and
- Create gathering spaces to support active, social living.



PASSIVE DESIGN STRATEGIES

Passive design strategies have been implemented to reflect environmental stewardship of the land. These include:

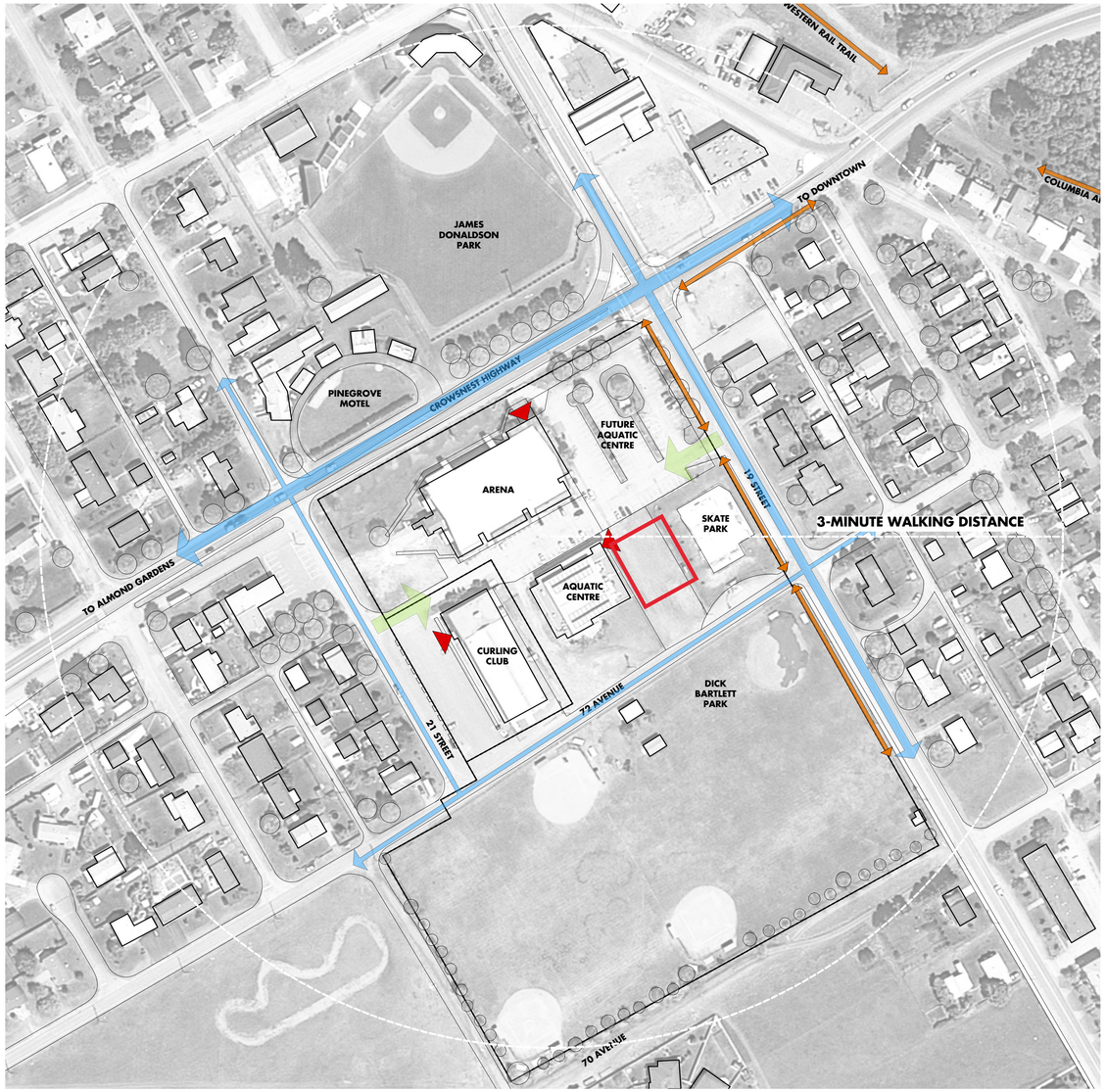
- Locating the building to minimize site disturbance, facilitate future growth and create connection with the Aquatic Centre for enhanced operational efficiency;
- North-South orientation of the building to facilitate passive solar gain;
- Use of clerestory and north-facing light to provide even,comfortable day-lighting for occupants and reduce the electrical load;
- Use of robust, low maintenance building materials and systems to facilitate longevity and reduce maintenance;
- Use of local material and labour;
- Enable the installation of solar panels on the roof of the hall





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SITE + CONTEXT



VEHICLE ROUTE

SITE ACCESS (VEHICLE)

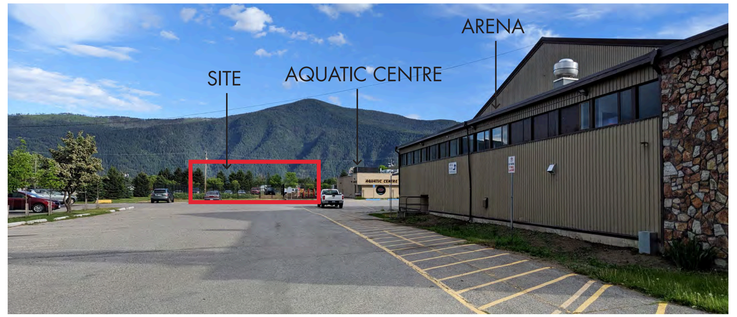
PEDESTRIAN ROUTE (SIDEWALK/TRAIL)

PRIMARY BUILDING ENTRANCE

SECONDARY/SERVICE ENTRANCE

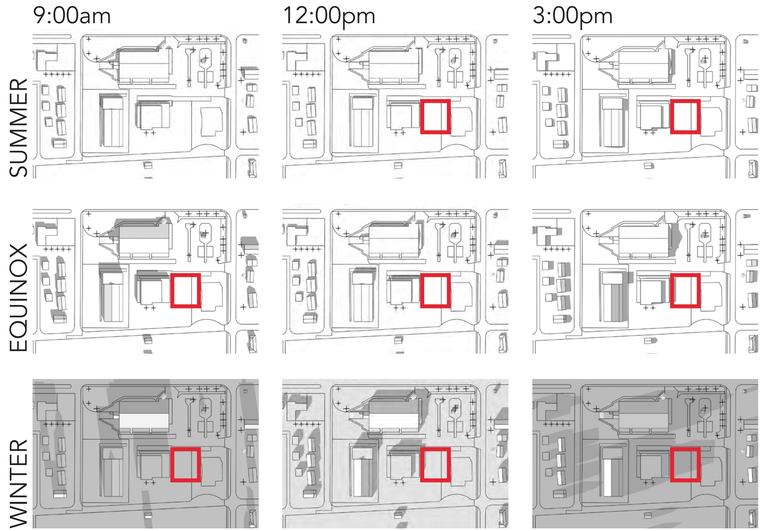


LOOKING SOUTHWEST TOWARD SITE AND AQUATIC CENTRE



LOOKING SOUTH TOWARD SITE

SHADOW STUDY



WINTER SOLSTICE 9:00am

WINTER SOLSTICE 12:00pm

WINTER SOLSTICE 3:00pm

The proposed site is located between the Aquatic Centre and the Skateboard Park, with the existing parking lot to the north and Dick Bartlett Park to the south.

Future development and expansion of the Curling Rink, Arena and Aquatic Centre have been considered in the proposed location of the Community Centre.

James Donaldson park, located to the north is a premiere baseball field and home to the annual Grand Forks International Baseball tournament.

Dick Bartlett park to the south across 72nd access. This spaces has recreational baseball diamonds and is the location of the Grandforks Fall Fair.

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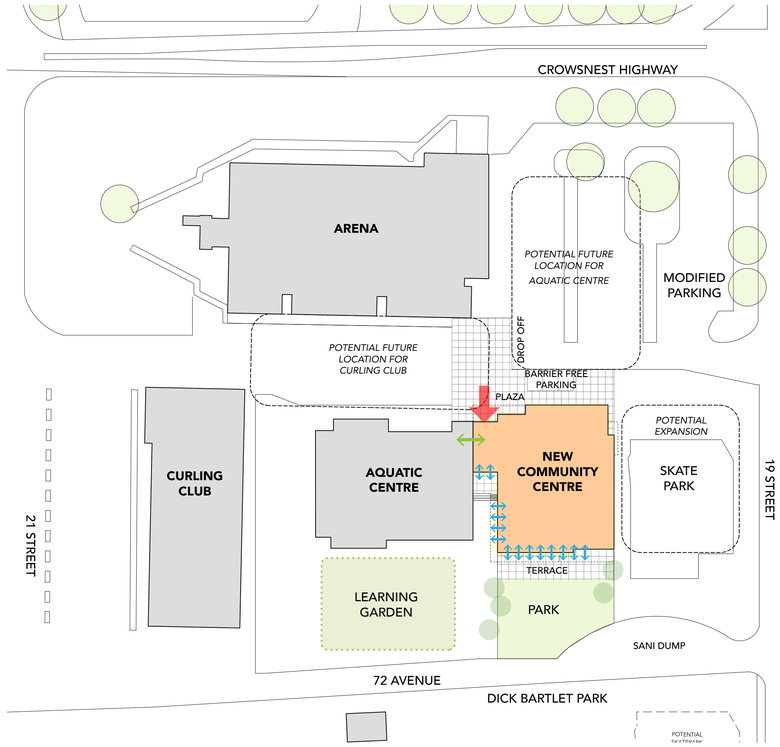
OPTION A

SITE

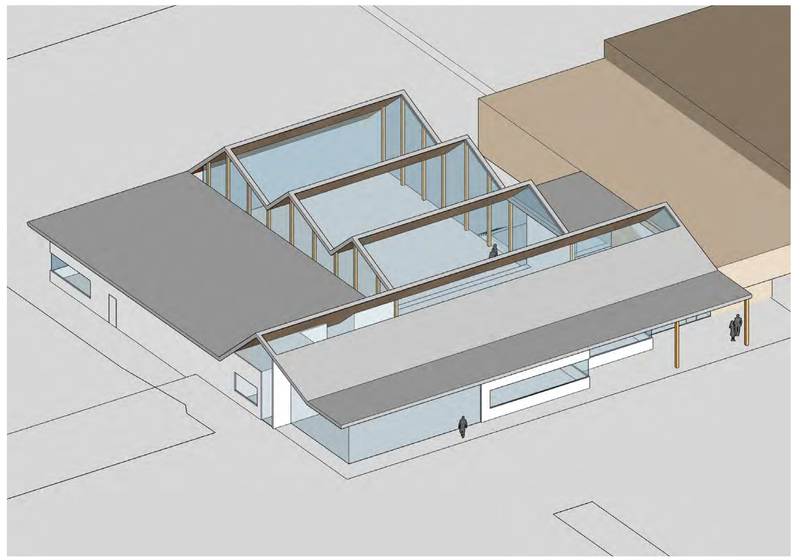
- Compact design maximizes passive benefits;
- Future development possible to the east (with relocation of the Skatepark) or on an upper level;
- Building is located to minimize impact on the existing parking + access;
- Hall is located to the south maximizing solar orientation and connection to the outdoors;

BUILDING

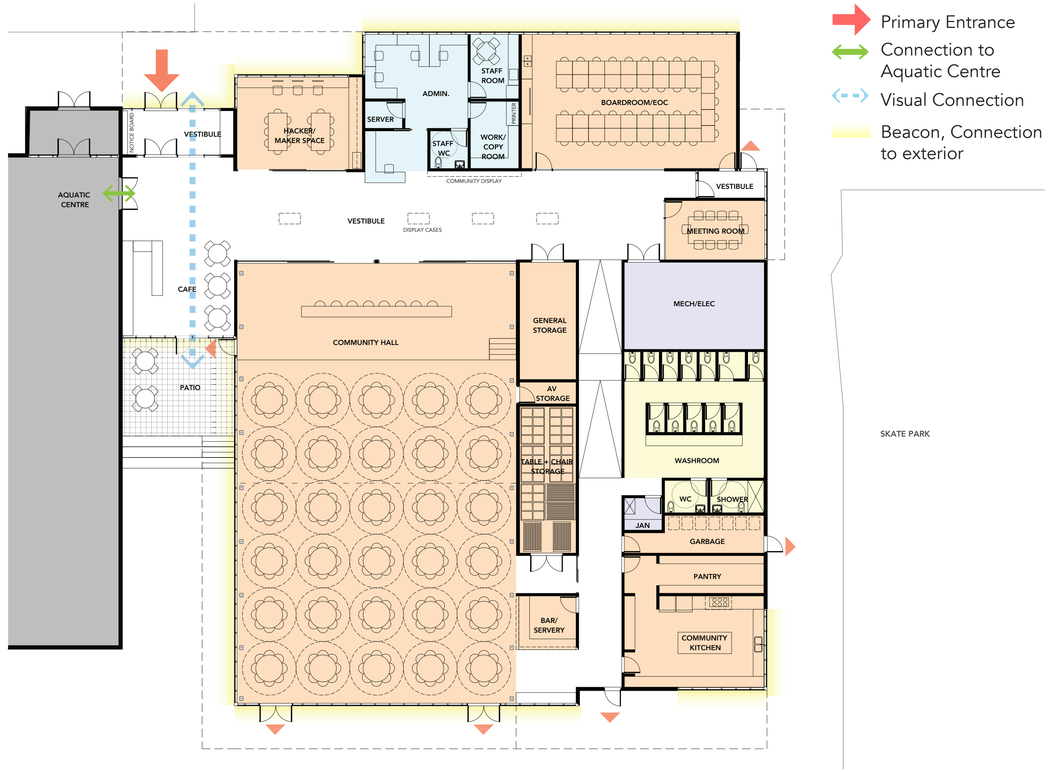
- Hall opens directly onto the lobby;
- Includes raised stage (optional);
- Kitchen is located at in the south corner with direct connection to the exterior to support outdoor gathering;
- Link is created with the Aquatic Centre for cross pollination and effective staffing;
- Cafe is located near the entry with direct access to the exterior and provide view through the building;
- Maker space is located near the entry for visibility and displaying activities within;
- EOC and meeting room are located together with access to a separate entry to support EOC and after hours use.



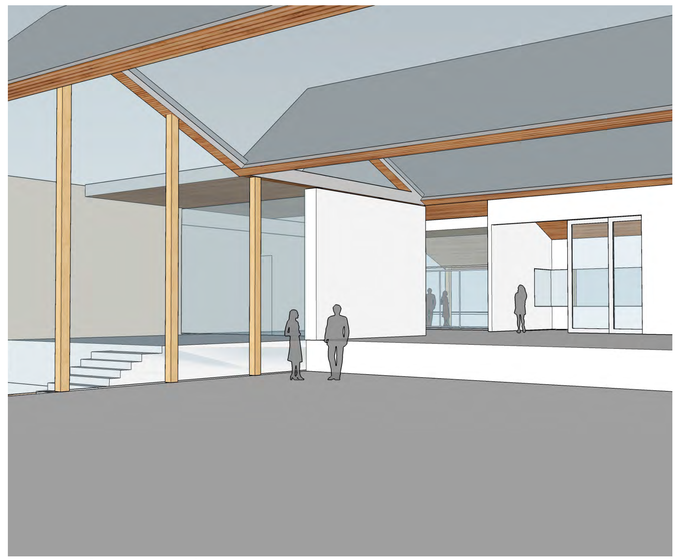
SITE PLAN



OVERALL VIEW FROM NORTH



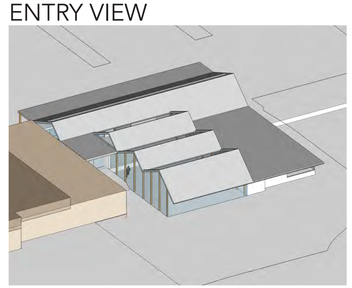
FLOOR PLAN



INTERIOR VIEW OF HALL



ENTRY VIEW



VIEW FROM SOUTH

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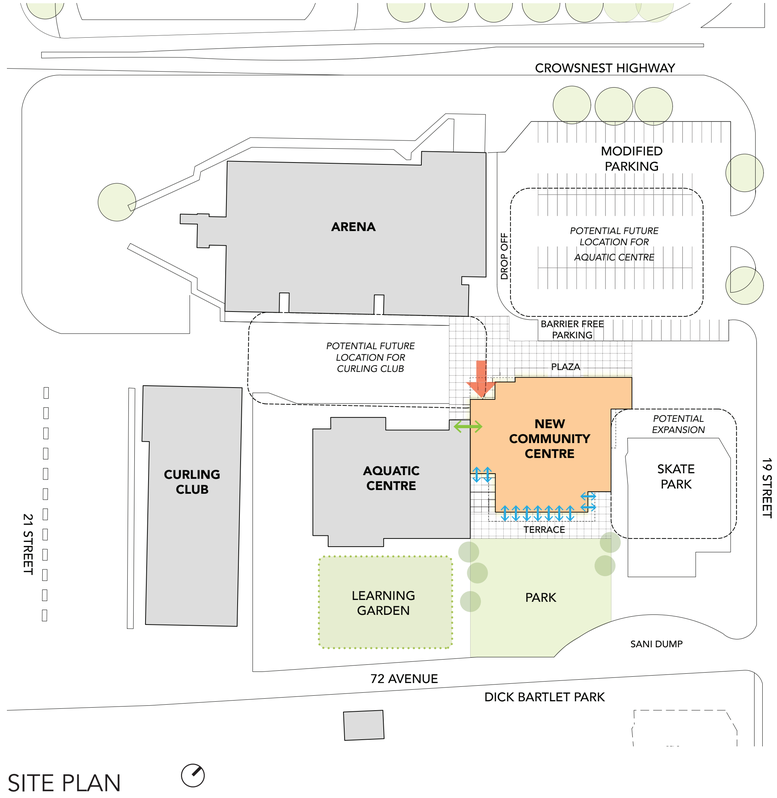
OPTION B

SITE

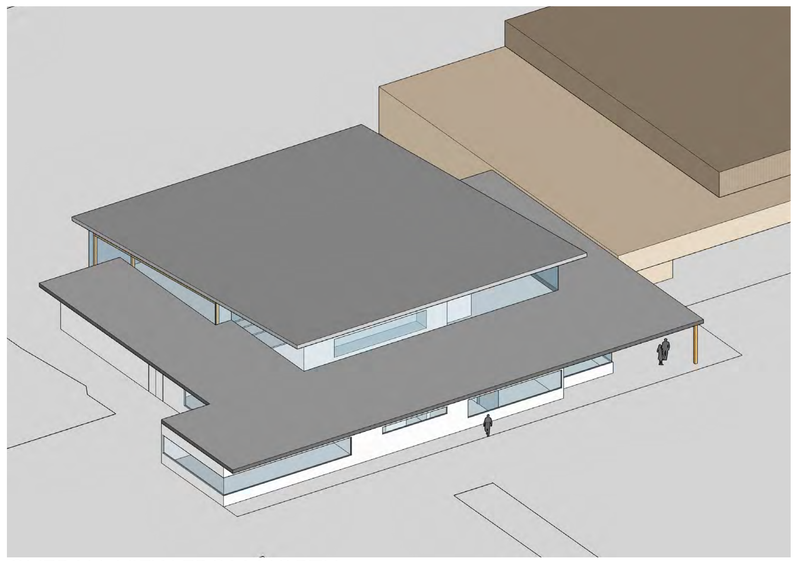
- Compact design maximizes passive benefits;
- Future development possible to the east (with relocation of the Skatepark) or on an upper level;
- The building is located further north to serve as a beacon to the north and create larger gathering space to the south;
- Hall is located to the south to maximize solar orientation and connection to the outdoors and is aligned east-west (will require modification to the existing parking lot and service drive);

BUILDING

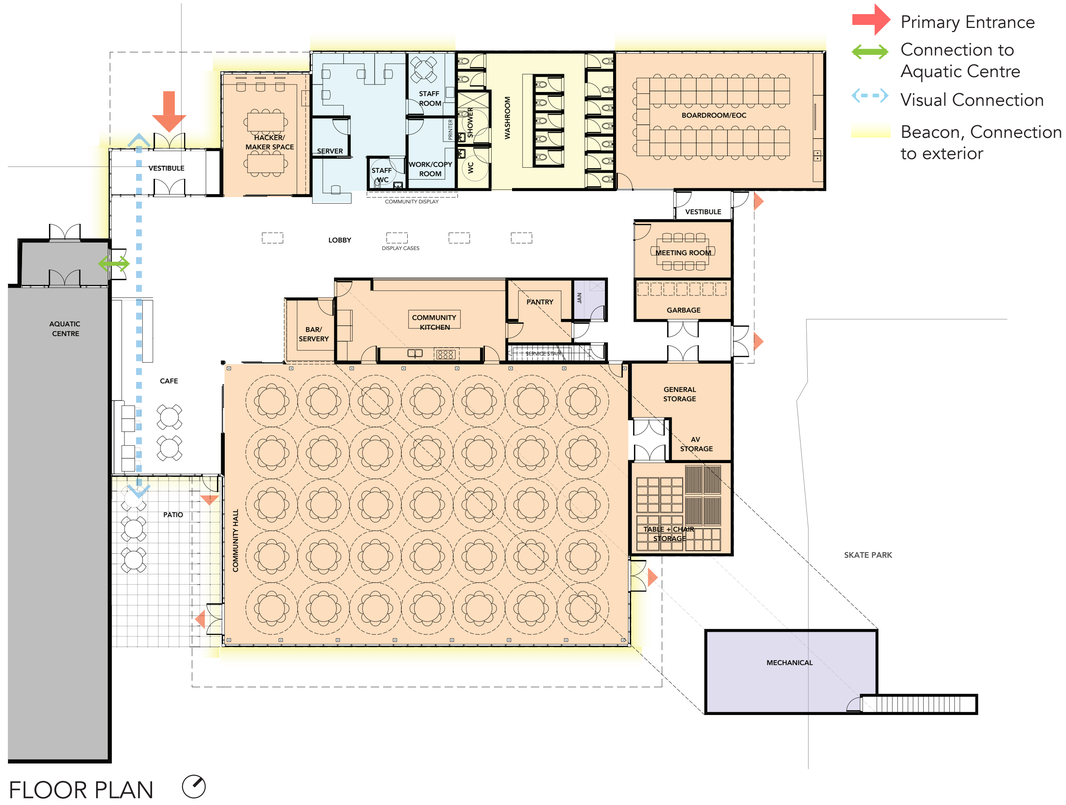
- Kitchen is located at the heart of the facility with direct access to the lobby and hall, and in close proximity to the cafe;
- Link is created with the Aquatic Centre for cross pollination and effective staffing;
- Cafe is located near the entry with direct access to the exterior and provide view through the building;
- Maker space is located near the entry for visibility and displaying activities within;
- EOC and meeting room are located together with access to a separate entry to support EOC and after hours use;
- Mechanical spaces are located on an upper mezzanine to reduce the building footprint.



SITE PLAN



OVERALL VIEW FROM NORTH



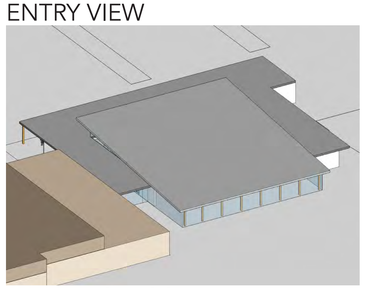
FLOOR PLAN



INTERIOR VIEW OF HALL



ENTRY VIEW



VIEW FROM SOUTH

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