

The Nelson Project RELATIONSHIP CENTRE

CONCEPT DESIGN PACKAGE



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ARCHITECTURAL FUNCTIONAL PROGRAMME & AREAS

The Nelson Project Relationship Centre will become an important physical centre for a Yukon-wide peer-support community centred around men. It will be a community that is envisioned, built, hosted, and maintained by members. Membership is open to anyone in Yukon who is 19+ and self-identifies as male. The centre will fulfill the need to support men who are facing barriers to connection and the expression of their value. The relationships are focused on building connection, growth, and service. It is a physical place where members and guests can meet, form, and sustain ethical human relationships. Relationships in which people can be seen without judgement, and voluntarily exchange positive human resources (i.e., love, knowledge) in a way this is mutually uplifting. It's a space that maximizes the capacity of each member to contribute despite their life challenges and from different starting points. The members can guide each other toward useful and appropriate formal programs and services and accompany each other through the process of capitalizing on those programmes and services. The relationships formed lead men to go out into the world, reform/form relationships and express their positive potential in family, work, and community life.

The programs required to provide the services and environment necessary include a shared main building, accommodations, workshop, mechanical shop, and outdoor activities. The main building would have collaborative programs (cooking, social area, and fitness rooms) and quiet programs (reflection rooms, work rooms, and shared values room). Accommodations will include cabins for pairs and small groups/families. Cabins will be built in phases, with temporary wall tents between construction phases. The workshop will enable the community to build the cabins and mechanical shop themselves to maintain engines and tools. There will be outdoor spaces accessible for hunting, fishing and harvesting activities. Social gatherings will be held at an outdoor fire pit and cultural area for family and community events.

The concept designs have a net floor area of approximately 1,252 m2 (13,472 ft2) for Option 1 main building and 1,282 m2 (13,798 ft2) for Option 2 main building. The figures include a grossing factor of 25% applied to account for walls, structure, circulation, and service spaces. The program areas and relationships are outlined below in the following functional programme and diagram. The diagram outlines the access, adjacency, and special facility requirement for each program area, and an overall diagram illustrating the modules and spatial relationships.

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FUNCTIONAL AND OPERATIONAL CONCEPTS

Fostering supportive programming and services, member driven programs, and scalability are critical to the success of the new Nelson Project Relationship Centre. The concept design process involves the community, architects, client project team, and other key stakeholders. An initial programme and concept review session in late 2023 was held with the Nelson Project and a community of men. Regular surveys have been collected from the community with data on programming, intentions, and values for the relationship centre. Through ongoing discussion and data collected from surveys, building design updates include being welcoming to individuals and their families, ensuring the reflective programs are privately located, and a simple overall form/function.

WINTER RELATIONSHIP BUILDER _ COMMENTS HEARD

Safety

Could you have a dedicated paramedic station?

Will there be roads to access the cabins?

Accommodations

Can the washrooms be located as a separate building closer to the cabins for convenience?

Where would the firewood station be?

Site Design

Would it not be better to have saunas away from the main building and located by the lake? Is there a trail plan to the water and a garage for quads?

Costing

Difference in square footage and cost between the two options?

What would it cost to build (roughly) and what would the O&M costs be?

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FIGURE 1 Winter Relationship Workshop & Concept Design Review

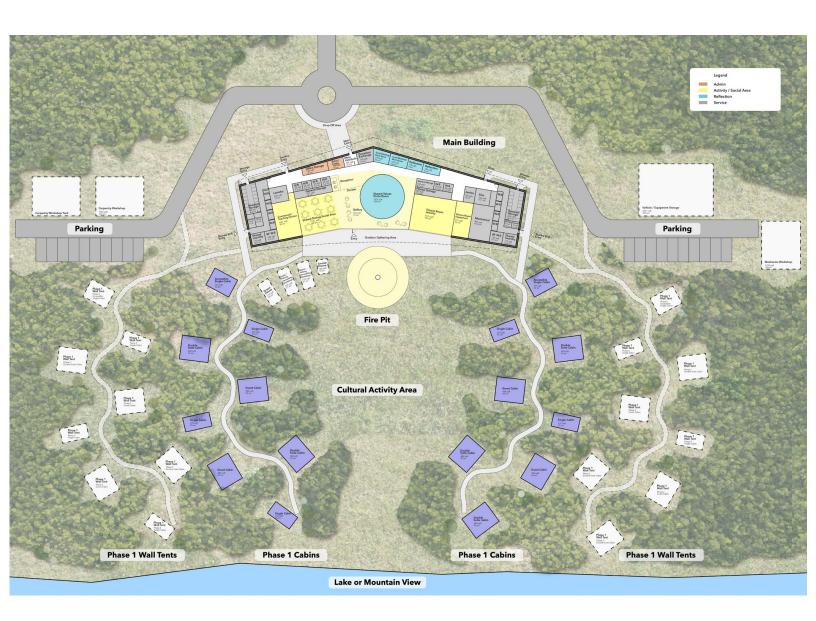


FIGURE 2 Option 1 Program Diagram

Administration
Activity/Social Area
Reflection
Service
Phase 1 Cabins

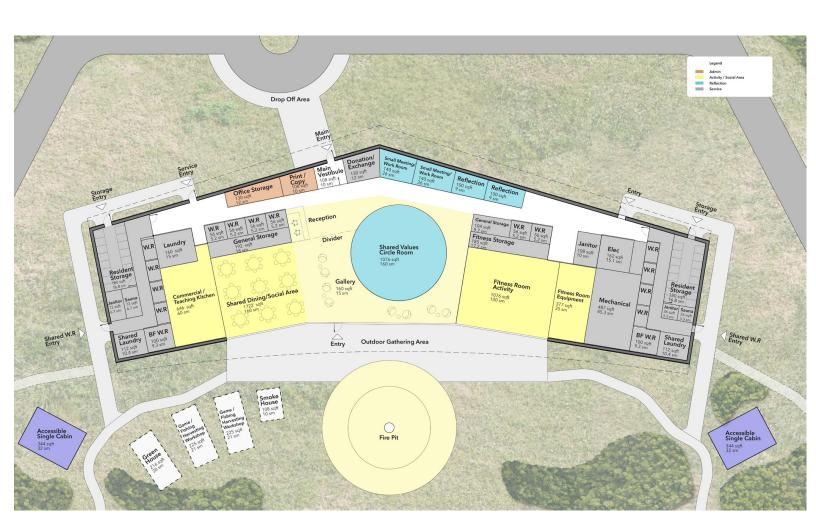


FIGURE 3 Option 1 Program Diagram

Administration
Activity/Social Area
Reflection
Service
Phase 1 Cabins

RELATIONSHIP CENTRE

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YUKON

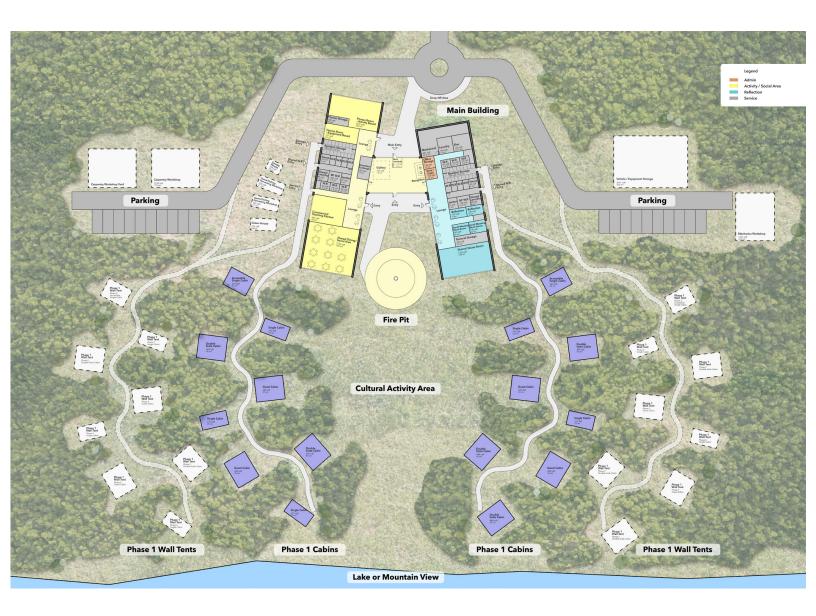


FIGURE 4 Option 2 Program Diagram

Administration
Activity/Social Area
Reflection
Service
Phase 1 Cabins

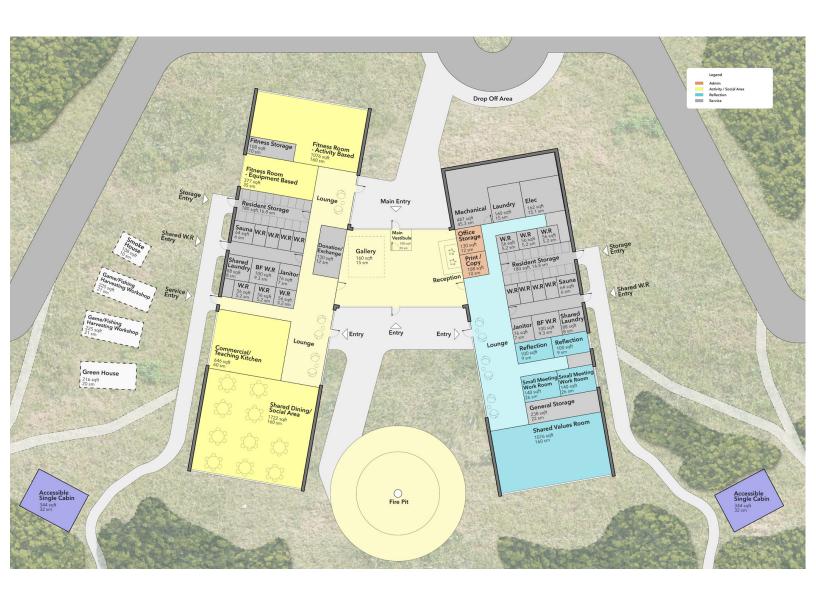


FIGURE 5 Option 2 Program Diagram

Administration
Activity/Social Area
Reflection
Service
Phase 1 Cabins

1.0 MAIN BUILDING

#				D:		A			1
	Space	Adjacency & Access	Special Requirements	Resi dent	Staff			ments (sm) Total Area	To Sq
ا ١.٥	PUBLIC SPACE								
			Enclosed vestibule with walk-off matting or entry						
1.1	Main Vestibule		flooring			1	10	10.0	
		Secure from public, with controlled	General / Visitor reception. Reception to act as a						
_		access to offices. Views &							
.2	Entry / Reception/ Gallery	daylighting	control point. Public counter, lounge seating.		1	1	15	15.0	
			Subtotal Public Space - Net Area					25.0	
0	SHARED COMMON SPACE					,			
	Commercial /	Adj. Dining Area (Includes teaching			_	١.			
.1	Teaching Kitchen	area)	service counter		5	1	60	60.0	
_	Shared Dining /	Viene C deulishting	A	40		١.	160	1000	
.2	Multi-Purpose Area #1 Sharing Values /	Views & daylighting	Accommodate 40 people (occassionally up to 100)	40	1	1	160	160.0	L
,	Multi-Purpose Room #2	Possibly Cirular form, Views & daylighting	Multi-Purpose, Accommodate 30 people + Staff	30	1	1	100	100.0	
	Fitness Room - Equipment Based	Views & daylighting	Fitness equipment / Weight training	30	-	1	35	35.0	-
	Fitness Room - Activities Based	Views & daylighting	Martial Arts, Active sports		-	i	100	100.0	-
	Fitness Storage	Adj. Fitness / Activity	General equipment storage		_	1	100	10.0	
7		Views & daylighting	Small meeting/conference			2	13	26.0	4
		views & daylighting			-				
8	General Purpose Storage		Adjacent to Multi-purpose Room			2	10	20.0	
_			Small space for quiet contemplation, Counselling, Virtual				_		
y	Reflection / One on One Room/ Virtual	England Conus December	Services		-	2	9	18.0	
10	Donation / Clothing	Enclosed Secure Room; Not a	None main autor			1	12	12.0	
	& Tool Exchange	dumping ground	Near main entry		_				
	Learning / Computer Basic Education		Multi-purpose Learning, Budgeting, basic living skills			0	30	0.0	
	Laundry - Service Support	Includes D./F	Commercial Laundry Equipment for Sheets, etc.		_	1	15	15.0	
13	Public Common Washrooms	Includes B/F unit / Separate units	Subtatal Camman Space Nat Assa			6	5	30.0	
			Subtotal Common Space - Net Area					586.0	_
			Circulation - 25%					146.5	
0	SHARED BATHING / STORAGE								
	Shared Resident								П
1	Washroom Facilities	Located in Main Building	Shower/ Toilet / Vanity - Separate Suites			10	5	50.0	
			28 Storage lockers - Secure Room, Easy Access from						
2	Resident's Storage	Located in Main Buiding	Int/Ext			28	0.6	16.8	
_			Enclosed room with residential 6 washer/6 dryers -						
.3	Shared Resident Laundry	Located in Main Building	Folding tables			1	20	20.0	
	Dry Sauna	Located in Main Building	Typical Dry Sauna Kit			1	10	10.0	
	Dry Suana	accured in main banding	Subtotal Bedroom - Net Area	0	0			96.8	1
				-					_
_			Circulation - 15%					14.5	
			Total Area Inc. Circulation					111.3	
	ADMINISTRATION / SUBBORT / ST.	AFF OFFICES							
	ADMINISTRATION / SUPPORT / ST/	THE STREET							
.1	Confidential File Storage		Enclosed room		1	1	12	12.0	-
.1		Views & daylighting	Accommodate 4 staff each		1	1 0	12 29	12.0	-
.1 .2	Confidential File Storage Shared Office		Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake			0	29	0.0	F
.1 2	Confidential File Storage		Accommodate 4 staff each						F
.1 .2	Confidential File Storage Shared Office		Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake			0	29	0.0	F
.1 .2 .3	Confidential File Storage Shared Office Staff Work Room		Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks.			0	29	0.0	
.1 .2 .3	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room	Views & daylighting	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink.			0 0	29 20 25	0.0	
.1 .2 .3	Confidential File Storage Shared Office Staff Work Room Staff Kitchen /	Views & daylighting Adj staff room	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free.			0	29	0.0	
.1 .2 .3 .4	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C	Views & daylighting Adj staff room Distributed throughout building,	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation			0 0 0	29 20 25 6	0.0 0.0 0.0	
.1 .2 .3 .4	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room	Views & daylighting Adj staff room	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free.			0 0	29 20 25	0.0	
.1 .2 .3 .4	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C	Views & daylighting Adj staff room Distributed throughout building,	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating,			0 0 0	29 20 25 6	0.0 0.0 0.0	
.1 .2 .3 .4 .5	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C	Views & daylighting Adj staff room Distributed throughout building, staff access only	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required			0 0 0	29 20 25 6	0.0 0.0 0.0	
.1 .2 .3 .4 .5	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling.			0 0 0 0	29 20 25 6 10	0.0 0.0 0.0 0.0 10.0	
.1 .2 .3 .4 .5	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating,			0 0 0 0	29 20 25 6 10	0.0 0.0 0.0 0.0 10.0	
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.1 .2 .3 .4 .5	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15%			0 0 0 0	29 20 25 6 10	0.0 0.0 0.0 0.0 10.0 10 32.0 96.5	
.1 .2 .3 .4 .5	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation			0 0 0 0	29 20 25 6 10	0.0 0.0 0.0 0.0 10.0 10 32.0 96.5	
.1 .2 .3 .4 .5 .6	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and			0 0 0 0 1 1	29 20 25 6 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3	
.1 .2 .3 .4 .5 .6	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES Mechanical Space	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment.			0 0 0 1 1	29 20 25 6 10 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3	
.1 .2 .3 .4 .5 .6	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment. Based on approx. 2% of Net Area			0 0 0 0 1 1	29 20 25 6 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3	
.1 .2 .3 .4 .5 .6	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES Mechanical Space	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment. Based on approx. 2% of Net Area Subtotal Service Space - Net Area			0 0 0 1 1	29 20 25 6 10 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3	
.1 .2 .3 .4 .5 .6	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES Mechanical Space	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment. Based on approx. 2% of Net Area			0 0 0 1 1	29 20 25 6 10 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3	
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.1 .2 .3 .4 .5 .6	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES Mechanical Space	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment. Based on approx. 2% of Net Area Circulation - 10% Total Service Space Area Inc. Circulation			0 0 0 1 1	29 20 25 6 10 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3 45.3 15.1 60.3 6.6	
.1 .2 .3 .4 .5 .6	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES Mechanical Space	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment. Based on approx. 2% of Net Area Circulation - 10% Total Service Space - Net Area Circulation - 10% Total Service Space Area Inc. Circulation Total Net Area			0 0 0 1 1	29 20 25 6 10 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3 45.3 15.1 60.3 6.0	
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.1 .2 .3 .4 .5 .6 .7	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES Mechanical Space	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment. Based on approx. 2% of Net Area Circulation - 10% Total Service Space - Net Area Circulation - 10% Total Service Space Area Inc. Circulation Total Net Area			0 0 0 1 1	29 20 25 6 10 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3 45.3 15.1 60.3 6.0	
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.1 .2 .3 .4 .5 .6 .7	Confidential File Storage Shared Office Staff Work Room Staff Kitchen / Lounge Room Staff W/C Janitor Room Print/Copy Room BUILDING SERVICES Mechanical Space	Views & daylighting Adj staff room Distributed throughout building, staff access only Centrally located /	Accommodate 4 staff each Enclosed Room for 10, Sound Control, Intake Counselling, private/ confidential meeting Enclosed room, Includes stove, fridge, Microwave, dishwasher, double sinks. Enclosed gender neutral washroom with toilet and sink. Min. 2 barrier-free. Enclosed room, mop sink and shelving, fire separation required Enclosed space w/ counter space for collating, upper/lower storage, paper recycling. Subtotal Admin Space - Net Area Circulation - 15% Total Area Inc. Circulation Based on approx. 6% of Net Area for new heating and HVAC equipment. Based on approx. 2% of Net Area Circulation - 10% Total Service Space - Net Area Circulation - 10% Total Net Area Total Net Area Total Circulation Applied			0 0 0 1 1	29 20 25 6 10 10	0.0 0.0 0.0 10.0 10.0 32.0 96.5 754.3 45.3 15.1 60.3 6.0 66.4 800.1	

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2.0 OUT BUILDINGS - CABINS

#	Space	Adjacency & Access	Special Requirements	Resi dent	Staff	Are Qty		nents (sm) Total Area	Total Sq.Ft.
1.0	SHORT TERM RESIDENT CABINS								
1.1	Double Suite Cabins	Cabins w/o bathroom	2 double beds per cabin	5		5	45	225.0	2,422
1.2	Single Cabins	Cabins w/o bathroom	Single Twin/double bed	5		5	25	125.0	1,345
1.3	Guest Cabins (For Visitors)	Cabins w/o bathroom	Up to 4 bunk beds	4		4	45	180.0	1,938
1.4	Accessible Single Cabins	Cabins w/o bathroom	Accessible / 1 double bed per cabin	2		2	32	64.0	689
	1	T.	Total Short Term Residential Area	16	0			594.0	6,394
			Total Net Area Inc. Circulation					594.0	6,394
			Gross Floor Area					594.0	6,394
			Total Net Area					594.0	6,394
			Total Circulation Applied					0.0	0
			Total Net Area Inc. Circulation					594.0	6,394
			Building Walls & Structure @ 10%					59.4	639
			Gross Floor Area					653.4	7,033

FIGURE 7 Phase 1 Functional Space Program

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YUKON

1.0 MAIN BUILDING ADDITION

#	Space	Adjacency & Access	Special Requirements	Resident	esident Staff Area Requiren		nents (sm) Total Area	Total Sq.Ft.	
2.0	SHARED COMMON SPACE								
2.1	Smoke House	Adj. Commercial Kitchen / Game Proccessing	Fish & Meat Drying			1	10	10.0	108
2.2	Game / Fish Harvesting Workshop	and/or Smoke House	Game meat / fish processing & Knowledge Transfer			2	21	42.0	452
2.3	Workshop & Yard	Heated (Area noted for building only, not yard)	Carpentry / woodworking shop; lumber yard allowing wood cutting, splitting, and milling for cabin / home construction; sawmill			1	120	120.0	1,292
2.4	Mechanics Workshop / Small Engine Repair	Heated	Tool Sharpening, equipment maintenance			1	120	120.0	1,292
2.5	Green House / Food Production	Seasonal or Heated?	Near Kitchen			1	20	20.0	215
2.6	Vehicle / Equipment Storage	Unheated	Vehicles, Vans, boats, nets, canoes, camping equipment, etc.			1	250	250.0	2,691
	, comercy adaptives a second		Subtotal Common Space - Net Area					562.0	
			Circulation - 25%	%				140.5	1,512
5.0	BUILDING SERVICES								
5.1	Mechanical Space		Based on approx. 8% of Net Area for new heating and HVAC equipment.			1	45.0	45.0	484
5.2	Electrical Space		Based on approx. 2% of Net Area			1	11.2	11.2	121
			Subtotal Service Space - Net Area					56.2	605
			Circulation - 10%					5.6	60
			Total Service Space Area Inc. Circulation					61.8	665
			Total Net Area	I				618.2	6,654
			Total Circulation Applied					5.6	60
			Total Net Area Inc. Circulation					623.8	6,715
			Building Walls & Structure @ 10%					62.4	671
			Gross Floor Area					686.2	7,386
2.0	OUT BUILDINGS - AD SHORT TERM RESIDENT CABINS	DITIONAL CABI	NS						
6.1	Double Suite Cabins	Cabins w/o bathroom	2 double beds per cabin	5		5	45	225.0	2,422
6.2	Single Cabins	Cabins w/o bathroom	Single Twin/double bed	5		5	25	125.0	1,345
6.3	Guest Cabins (For Visitors)	Cabins w/o bathroom	Up to 4 bunk beds	4		4	45	180.0	1,938
6.4	Accessible Single Cabins	Cabins w/o bathroom	Accessible / 1 double bed per cabin	2		2	32	64.0	689
0.7	, tereses an all a commo		Total Short Term Residential Area	_	0			594.0	
			Total Net Area Inc. Circulation					594.0	6.394
			Gross Floor Area					594.0	

FIGURE 8 Phase 2 Functional Space Program

Total Net Area Total Circulation Applied

Gross Floor Area

Total Net Area Inc. Circulation

Building Walls & Structure @ 10%

594.0

0.0

59.4

594.0 6,394

653.4 7,033

6,394

639

BUILDING CONCEPT DEVELOPMENT - OVERVIEW

KZA developed two concept designs (Option 1 and option 2) with a hypothetical siting option, as a building site has not yet been selected by The Nelson Project. Both building concept layouts prioritize community relationships with a collective circular site layout nestled within nature. Option 1 has the building social programmes integrated in the site gathering circle, whereas Option 2 has a thoroughfare that accesses the site gathering circle from the main entry, with the building programs on either side. The main building entry and pick up/ drop off are located at the top of the site, with two parking areas flanking each side of the building. The outdoor cultural activity area is centrally located, with the main building and cabins around the circumference. There are two phases for the construction of cabins. During the first phase, the second phase cabins will be wall tents until the next phase of construction. The site is accessed by organically curved pedestrian trails connecting the members from the main building to the cabins, lake, and nearby trails.

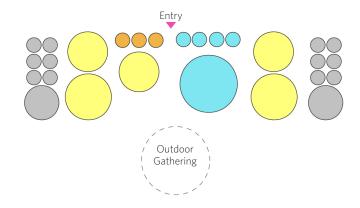


BUILDING DESIGN CONCEPT - OPTION 1

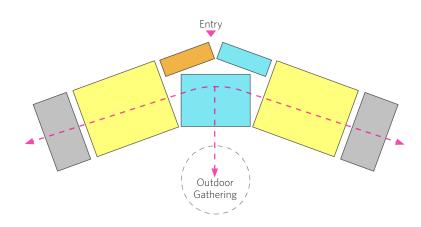
Option 1 provides an angled floor plan with social programs facing the outdoor gathering area and site viewpoint. The dining/social area, gallery, and fitness room have an indoor/outdoor connection with fully glazed and accessible entries. Administration areas and quiet reflection programs are privately located away the gathering areas and accessible from the main entry. The shared washroom and laundry services for the members are located on each end of the angled form.



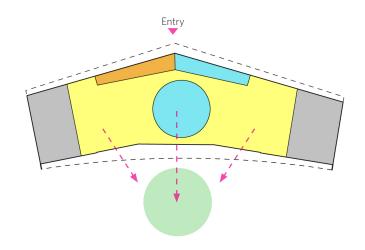
1_PROGRAM RELATIONSHIPS



2 _ FORM DEVELOPMENT



3_FINAL BUILDING



Administration

Activity/Social Area

Reflection

Service

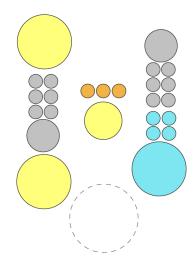
FIGURE 9 Option 1 Concept Diagram

BUILDING DESIGN CONCEPT - OPTION 2

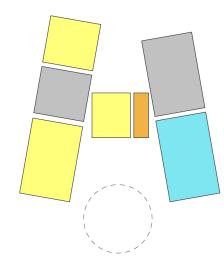
Option 2 provides a welcoming and efficient floor plan layout with two distinct wings of programming. The floor plan follows an "H" configuration with a social gathering wing and quiet reflection wing with the entry area in between. The social gathering wing has group activity programs, including fitness, commercial/teaching kitchen, and shared dining area. The quiet reflection wing has spaces for solitary and group reflection, including small meeting rooms and shared values room. Both wings have shared washroom and laundry services for the members to access from the cabins. The outdoor communal fire pit is accessed from the main entry and lounge spaces in the two wings. Larger program spaces are arranged on the end of the wings to take advantage of the viewpoints on the site.



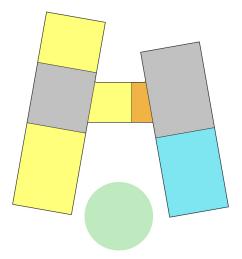
1_PROGRAM RELATIONSHIPS



2 _ FORM DEVELOPMENT



3_FINAL BUILDING



Administration

Activity/Social Area

Reflection

Service

FIGURE 10 Option 2 Concept Diagram

THE NELSON PROJECT - CLASS D PROJECT BUDGET ESTIMATE - CONCEPT OPTION 1 / PHASE 1

	Description	
Α.	Land Cost	Excl.
B.	New Construction & Renovation Costs	\$ 8,585,500
C.	Professional Engineering & Design Fees	\$ 957,213
D.	Green Infrastructure (Roof Mounted PV)	\$ 143,800
E.	Connection Fees & Permits	\$ 61,898
F.	Project Management & Overhead	\$ 32,000
G.	Design Related Contingency Allowances (5%)	\$ 429,275
Н.	Construction Contingency (10%)	\$ 858,550
١.	Furnishings, Firring & Equipment	\$ 375,600.00
J.	Goods and Services Tax	Excl.
K.	Sub-Total Project Cost (2023 Dollars)	\$ 10,924,436
L.	Escalation Contingency (6%/year)	\$ 655,466
M.	Total Project Cost (2024 Dollars)	\$ 11,579,902
N.	Gross New Construction Cost \$/m2 (Including escalation)	\$ 9,249

BUILDING COST SUMMARY

			Т	otal
	Component	BGSM (sm)	Unit Rate (\$/sm)	Total (\$)
1	Main Building Programme Areas	1,252.0	6,000	7,512,000
	Out Buildings / Cabins	653.0	3,500	2,285,500
	TOTAL BUILDING CONSTRUCTION COST			9,797,500

PROJECT COST ESTIMATE

	Description		
A.	LAND COST	\$	-
	1 Land	\$	-
	2 Legal Fees	\$	-
B.	CONSTRUCTION	\$	8,585,500
	1 New Building Area	\$	7,512,000
	2 Mechanical & Electrical, Connections & Site Development	\$	929,700
	3 Green Infrastructure (PV & Envelope)	\$	143,800
C.	ENGINEERING & DESIGN CONTINGENCY ALLOWANCES	\$	429,275
	1 Design Contingency (Design & Program Changes) - 2.5%	\$	214,638
	2 Post Tender Change Order Contingency - 2.5%	\$	214,638
D.	PROFESSIONAL ENGINEERING & DESIGN FEES	\$	957,213
	1 Architectural - To Issued for Tender Documents	\$	257,600
	2 Architectural - Tender & Const. Administration	\$	214,600
	3 Structural Engineering	\$	103,000
	4 Mechanical Engineering 5 Electrical Engineering	\$ \$	107,300 94,400
	6 Cost Consultant	\$	42,900
	7 Civil Engineering	\$	51,513
	8 Other Consultants (Commissioning, Geotechnical, Energy, PV, Etc.)	\$	85,900
E.	CONNECTION FEES & PERMITS	\$	61,898
	1 Development Permit	\$	2,398
	2 Building Permits	\$	59,500
F.	MANAGEMENT & OVERHEAD	\$	32,000
	1 Project Management Fee (Owner Absorbed Cost)	\$	-
	2 Project Insurance	\$	27,000
	3 Legal (Allowance)	\$	5,000
G.	CONSTRUCTION CONTINGENCY (10%)	\$	858,550
	SUBTOTAL	\$	10,924,436
H.	FURNISHINGS, FITTINGS & EQUIP. (\$300/Sq.M)	\$	375,600.00
11.		Ψ	·
11.	SUBTOTAL	\$	10,924,436
J.			
	SUBTOTAL	\$	
J.	SUBTOTAL Goods and Services Tax (Excluded)	\$	10,924,436
J. K.	SUBTOTAL Goods and Services Tax (Excluded) SUB-TOTAL PROJECT COST (2024 Dollars)	\$ \$	10,924,436 - 10,924,436
J. K. L.	SUBTOTAL Goods and Services Tax (Excluded) SUB-TOTAL PROJECT COST (2024 Dollars) ESCALATION CONTINGENCY (6%)	\$ \$ \$	10,924,436 - 10,924,436 655,466

SITE WORKS

	Description	Quantity	Unit	Unit Rate	,	Amount
1	Site Clearing	3,000	m ²	20		60,000
2	Overall Building Excavation	2,400	m ³	54.00		129,600
3	Outdoor Space (covered)	200	m ²	750		150,000
4	Outdoor Storage Space	100	m ²	750		75,000
5	Allowance for perimeter fencing	0	lm	165.00		0
6	Surface Parking - On Site (20 stalls & Road) - Gravel	1,000	m ²	110.00		110,000
7	Allowance for hard landscape	250	m ²	145.00		36,300
8	Allowance for soft landscaping	500	m ²	85.00		42,500
9	Exterior Signage	1	sum	5,000.00		5,000
10	Site Furnishings	0	sum	75,000.00		0
11	Mechanical Biomass System	0	allowance	1,079,000.00		0
12	Mechanical Septic & Well System	1	allowance	150,000.00		150,000
13	Electrical Service	1	allowance	50,000.00		50,000
Sub-to	tal				\$	808,400
		•				
14	General Requirements		10%		\$	80,840
15	Fees		5%		\$	40,420
TOTAL					\$	929,700

GREEN INFRASTRUCTURE

	Description	Quantity	Unit	U	nit Rate	Amount		
1	Roof Mounted PV Array	50	/kW	\$	2,500	\$	125,000	
2	Sanitary Waste Heat Recovery	0		\$	-	\$	-	
3	Geoexchange (Per Well)	0		\$	50,000	\$	-	
4	Living Wall Infrastructure	0		\$	-	\$	-	
5	Biomass Heating	0		\$	400,000	\$	-	
Sub-to	otal					\$	125,000	
6	General Requirements		10%			\$	12,500	
7	Fees		5%			\$	6,250	
TOTA						\$	143,800	