


Parks Canada Agency 				
SINPR MAIN STATION PROGRAMME				
Proposed Infrastructure Areas				
The following table outlines the future programmatic spaces, their areas and a brief description of its purpose or contents. The spaces are organized by "End Users".				
End users PCA: Parks Canada Agency DFO: Department of Fisheries and Oceans SII: Sable Island Institute USASK: University of Saskatchewan	Rm	Space Name	Description of Future Requirements	Area (m²) Proposed Existing
Visitor's Experience	1	Visitor's Shelter	<p>The Visitor's Shelter is a multifunctional space that will provide shelter from the elements (wind, sand, rain, etc.). It will serve as an orientation point and the space will accommodate 10-12 people for presentations, lockers, seating, tables, island map, nearby access to water, and nearby access to washroom facilities.</p> <p>The space should be considered as meeting or collaboration space for other types of groups (Researchers, PCA staff.)</p> <p>The area for the space was calculated with consideration of circulation, table, seating, lockers, and storage space.</p>	85
Visitors (Researchers, Contractors, Others)	2	Mudroom	Mudroom to contain hooks, footwear storage, and benches.	6
	3	Kitchen	<p>Large kitchen with 2 meal preparation areas and 2 fully equipped kitchens.</p> <p>Willl accommodate the four (4) existing refrigerator/freezer units. This takes into account the the needs of the Department of Fisheries and Oceans, who will be on the island in the winter months.</p>	25
	4	Living Room	Shared open space with comfortable seating, coffee table and television.	20
	5	Common Area/Dining Room	Dining room table to seat up to 10 people and smaller table/seating for collaborative work or dining.	15
	6	Sleeping Quarters 3 people	Requires 1 single bed, 1 bunk bed (2 beds) and bedroom furniture to accommodate 3 visitors. 2 wardrobes will be available for the visitors to put clothing away. Additional furniture includes: 3 personal lockers, 2 side tables, and 2 bedside lamps to be included. A 2m² closet is included in the proposed area.	15

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Visitors (Researchers, Contractors, Others)	7	Sleeping Quarters 3 people	Requires 1 single bed, 1 bunk bed (2 beds) and bedroom furniture to accommodate 3 visitors. 2 wardrobes will be available for the visitors to put clothing away. Additional furniture includes: 3 personal lockers, 2 side tables, and 2 bedside lamps to be included. A 2m² closet is included in the proposed area.	15
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	9	Sleeping Quarters 3 people	Requires 1 single bed, 1 bunk bed (2 beds) and bedroom furniture to accommodate 3 visitors. 2 wardrobes will be available for the visitors to put clothing away. Additional furniture includes: 3 personal lockers, 2 side tables, and 2 bedside lamps to be included. A 2m² closet is included in the proposed area.	15
	10	Universal Washroom 1	One full washroom to accommodate all Visitors.	8
	11	Universal Washroom 2	One full washroom to accommodate all Visitors.	8
	12	Universal Washroom 3	One full washroom to accommodate all Visitors.	8
	13	Washroom	Single person washroom.	4
	14	Food Pantry	A dry pantry for all shared dry food, condiments, coffee, tea, etc.	4
	15	Storage Closet	Closet to store any cleaning supplies, toiletries, linens, etc.	8
Short term PCA Staff	16	Unit 1	Unit 1 will contain: 1 bedroom (with 2 beds) and closet (20m²), 1 full kitchen (with 1 refrigerator/freezer unit) and dining, 1 living room (20m²), 1 washroom (8m²).	48
	17	Unit 2	Unit 1 will contain: 1 bedroom (with 2 beds) and closet (20m²), 1 full kitchen (with 1 refrigerator/freezer unit) and dining, 1 living room (20m²), 1 washroom (8m²).	48
	18	Laundry Room	One washer and dryer to be shared between the two acting Support Staff	10
	19	Mudroom	Mudroom to contain hooks, footwear storage, and benches.	8
Visiting PCA Students	20	Unit 1	Unit 1 will contain: 1 bedroom with 3 beds (15m² each, including closet), 1 full kitchen and dining (15m²), 1 living room (20m²) , 1 washroom (8m²), and a washer and dryer (stacked within closet).	58
	21	Mudroom	Mudroom to contain hooks, footwear storage, and benches.	6

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Operations Coordinator	22	Living Room	To be used by the acting Operations Coordinators when they are on the island. To consist of a sofa, chair, coffee table, and adequate lighting.	20
	23	Kitchen and Dining	Operations Coordinator's Kitchen and Dining is to be used by the acting Operations Coordinator. It will consist of a full kitchen with 1 refrigerator and a small table to seat 4 people.	20
	24	Bedroom	To be used by the acting Operations Coordinator. Will consist of a queen sized bed, side table, bedside lamp, wardrobe, small desk, chair. A small 2m² closet is included in the proposed area.	15
	25	Washroom	Full washroom to be used by the acting Operations Coordinator when they are on the island.	8
	26	Storage Space 1	Storage space for 1 of 2 Operations Coordinator to store belongings while he or she is away on the mainland.	3
	27	Storage Space 2	Storage space for 1 of 2 Operations Coordinator to store belongings while he or she is away on the mainland.	3
	28	Private Mudroom	Mudroom for the Operations Coordinator's private suite.	4
	29	Laundry Room	Closet space for a stackable washer and dryer.	3
Operations Office	30	Main Office	Office space for all the needs of the Operations Coordinator and Support Staff. To include a large area for meetings (15m²).  Radio docking storage area and shelf to be located within the Park's Office space.	40
	31	Mudroom	Shared mudroom between the two Operations Coordinators and any Support Staff who may need to do work in the Operations Office.	8
	32	Server Room	A windowless room. Includes temperature control, servers, computer equipment, satellite equipment, radio equipment, docking stations, and WIFI equipment.	6

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Operations and Maintenance	33	Carpentry Shop	The existing area of the Carpentry Shop was deemed adequate. Existing functions to continue in future program.	52
	34	Stores	The existing area of Stores was deemed adequate. Existing functions to continue in future program.	51
	35	Garage	The existing Garage remains with changes to the layout of the interior. New addition to be added for spaces listed below.	264
	36	Generator Room	Existing generator room will be available to be repurposed for other uses.	64
	37	Electrical Room	New Electrical Room that includes space for generator, battery and main electrical distribution.	100
	38	Workshop	A new insulated workshop for the Support Staff on the island. To contain a large work bench and shelves/storage. Approximate size based on drawings supplied by PCA.	112
	39	Vehicle Storage - Researchers	Additional vehicle storage to be allocated for the researchers vehicles. Approximate size based on drawings supplied by PCA.	147
	40	Materials Storage	A consolidated storage space for all materials used on the island from Shed 1 and 2. New addition only an option in Option 2. Approximate size based on drawings supplied by PCA.	60

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Operations and Maintenance	41	Staging Area	A covered area (to be approved by PCA) where items to be sent off of the island may be prepared and stored until arrival of sealift, May also be an area where items arriving from sealift may be sorted and stored prior to distribution into appropriate buildings. Visitors Pavilion may also be used as temporary storage.	125
	42	Fuel Shed	Aviation fuel storage. Location and area is sufficient.	44
	43	Incinerator Shed	Existing Incinerator shed is deemed adequate. Existing function to continue in future program.	21
	44	Auxiliary Power Unit	Existing APU to remain as is. Possible use as an unheated space for storage or to house an electrical panel. Main panel to be located in the New Electrical Room and the APU may house a junction box. The space will not need to be heated without a generator.	52
	45	Fuel Berm	Existing Fuel Berm to remain. An PVC structure will be used to cover the area of the existing fuel berm by PCA in 2022. Note that the number of fuel barrels are planned to be reduced by 50% within the next 5 years. The reduction of fuel barrels will allow for additional space for storage, parking or exterior staging. After construction of PVC structure, 14 barrels may be stored outside and 4-5 pallets of barrels will be stored beneath the PVC structure.	160
	46	Propane Shed	Existing Propane Shed to remain.	7
	47	Shed 1	To be demolished.	0
	48	Shed 2	To be demolished.	0
	49	Shed 3	Existing Shed 3 to remain with current use.	38
	50	Shed 4	Existing Shed 4 to remain with current use.	29
	51	USASK Shed	To be demolished.	0
SII	52	Storage	Sable Island Institute Storage will be for Sable Island Institute researchers, only. It will accommodate any items needed for their studio work and field work.	7
	53	Outdoor Work Area	The Sable Island Institute Outdoor Studio will serve as an outdoor space to host visitors, capture rainwater and process field samples. It is not required for the outdoor studio to be covered; but sufficient lighting is mandatory.	Existing
	54	Studio	The existing Sable island Institute Studio to remain.	Existing
	55	Freezer Shed	Specimen storage for the Sable Island institute specimen freezers.	Existing

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Researcher's Lab and Storage  (DFO, USASK, ECCC, University of Dalhousie, Student Researchers)	56	Lab (Researcher's Workspace)	The Researchers Lab will serve as a shared workspace for fieldwork conducted by the Department of Fisheries and Oceans, USASK, and others as needed. It will accommodate up to 10 students/researchers (with additional seating space available if needed) and have basic 120v power, running water, ventilation (possible fume hood) and ample work surface space. Area was calculated with consideration of 4 work tables, counterspace with sinks and adequate circulation.	35
	57	Mudroom	The Researchers Mudroom will be shared between researchers and students of the DFO, USASK and others as needed. The main mudroom with 10 large wet lockers (20m²) will lead into the drying room (10m²) and short term equipment storage (10m²).  Short term researchers storage may include any field equipment needing immediate storage while researchers change out of their wet gear or bring specimens into the lab. It may also include any equipment or gear leaving the lab to be stored between field excursions or while changing into wet gear. Short term researchers storage is intended to be for day use, or while equipment is potentially drying. It is not intended to be used for long term storage.	40
	58	Long-term Storage	Long-term Researcher Storage will be a large space with allocated areas for researcher groups; taking into account existing storage sizes and required future space. Items stored in the Long-term Researcher Storage may be kept as long as needed (DFO to confirm their storage requirements). Area was calculated considering the existing storage space in the Visitor's Quarters basement.	85
	59	Specimen Storage	The Research Specimen Storage will accommodate two (2) refrigerators and four (4) freezers for specimens. Existing: SII: 4 Freezers (SII Focus Group - Not Incl.) PCA: 1 Refrigerator (Researchers Focus Group) USASK: 2 Freezers (Freezer and Refrigerator Report, 2020) USASK: 1 Refrigerator (Freezer and Refrigerator Report, 2020) SII: 1 Refrigerator (Freezer and Refrigerator Report, 2020 - Not Incl.) Needed DFO: 1 Freezer (Researchers Focus Group) PCA: 1 Freezer (Researchers Focus Group) <b>DFO to confirm how many freezers they have for specimens.</b>	10
	60	Lab Equipment Storage	General equipment storage for lab setting (beakers, petrie dishes, flasks, etc.).  <b>Requesting confirmation that this space is adequate in size for small lab equipment.</b>	5
	61	DFO Storage	Specifics to be provided by PCA. AECOM understands that there is field gear (gloves, overalls, shoes, etc.), lab chemicals, lab samples).	Pending Discussion with DFO

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Main Station Shared Spaces	62	Food Warehouse	Food and supply storage for PCA and DFO.  DFO to confirm the required number of freezers for 1) food, and 2) research.	56
	63	Main Station Multi-purpose Room	Workout room with stationary bike and weights. Workout equipment may be pushed aside and a desk set up for a quiet workspace during the off season, or to conduct meetings. Long-term necessity of room to be confirmed by PCA.	15
Support Staff (Accommodations for two Staff)	64	Unit 1	Unit is to contain: 1 living room (20m²), 1 bedroom (15m²), 1 full kitchen and dining (15m²), 1 storage closet (2m²), 1 bathroom (8m²).	60
	65	Unit 2	Unit is to contain: 1 living room (20m²), 1 bedroom (15m²), 1 full kitchen and dining (15m²), 1 storage closet (2m²), 1 bathroom (8m²).	60
	66	Shared Mudroom	Shared Mudroom to contain hooks, footwear storage, and benches.	8
	67	Laundry Room	Shared laundry facilities between Support Staff in Unit 1 and Unit 2.	8
Visitors Experience	68	The overnight stay for Visitor Experience was acknowledged in the Visitor Experience focus group meeting. At this time, overnight stay of visitors is not included in the PCA VE offer.		