

APPENDIX 1A(a) – Functional Program

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1.1 Program Overview

Figure 1.1.1 provides a summary of interior area requirements for each of the major spaces.

Figure 1.1.1

PART 1 - SCHOOL		Net Square Metres (NSM)	Gross Square Metres (GSM)
1.00	ADMINISTRATION	292	
2.00	COUNSELLING	105	
3.00	GENERAL STORAGE	130	
4.00	GYMNASIUM ACTIVITY SPACE	1,350	
5.00	GYMNASIUM ANCILLARY SPACE	250	
6.00	LEARNING COMMONS (LIBRARY)	580	
7.00	MULTI-PURPOSE SPACE	320	
8.00	SPECIAL EDUCATION / INCLUSIVE EDUCATION	361	
9.00	INDIGENOUS EDUCATION	117	
10.00	COMPUTER ROOM	120	
11.00	MUSIC ROOM – BAND / CHOIR	180	
12.00	DRAMA ROOM	250	
13.00	DANCE ROOM / YOGA STUDIO	130	
14.00	FLEX CLASSROOM / PHYS ED / PERFORMING ART FLEX STUDIO	75	
15.00	VISUAL ARTS	376	
16.00	HOME ECONOMICS (TEXTILES / FOODS)	240	
17.00	AUTOMOTIVE / MECHANICS	255	
18.00	TED SPACE – ROBOTICS / ELECTRONICS & DESIGN HUB	235	
19.00	WOODWORKING SHOP	334	
20.00	METALS SHOP	280	
21.00	SCIENCE DEPARTMENT	840	
22.00	LEARNING COMMUNITIES	2,110	
23.00	MECHANICAL / ELECTRICAL SERVICE SPACE	255	
	Sub-Total (Net Square Metres (NSM))	9,185	
24.00	DESIGN SPACE		2,085*
	Sub-Total Gross Floor Area - School		11,270

PART 2 - NEIGHBORHOOD LEARNING CENTRE (NLC)		Net Square Metres (NSM)	Gross Square Metres (GSM)
PART 2 - NEIGHBORHOOD LEARNING CENTRE (NLC)			
25.00	HEALTH & WELLNESS CENTRE	190	
26.00	INDIGENOUS LANGUAGE & CULTURE CENTRE	270	
27.00	NOT USED		

28.00	SD79 FACILITATION SPACE	90	
	Sub-Total (Net Square Metres (NSM))	550	
29.00	DESIGN SPACE		155
	Sub-Total Gross Floor Area – Neighborhood Learning Centre (NLC)		705
	Total Gross Floor Area (School + NLC)	9,865	11,975

The figure below provides a summary of exterior area requirements for each of the major spaces.

PART 3 – EXTERIOR SPACES		Net Square Metres (NSM)
30.01	Entry Plaza	295
30.02	Basketball Court	620
30.03	Landscaped Plaza	295
30.04	Outdoor Classroom 1	80
30.05	Outdoor Classroom 2	60
30.06	Multi-Purpose Field	7,655
30.07	TED Compound	770
30.08	Indigenous Outdoor Plaza	60
Total Gross		9,835

		Linear Metres (LM)
30.09	Running Path	900

Part 1 School

1.2 1.00 Administration Department

1.2.1 Overview

1.2.1.1 The Administration Department will be an inclusive space that acts as a communication hub. The space will be the main centre for support and direction with the goal to deepen relationships between administration Staff and students.

1.2.2 Adjacencies

1.2.2.1 The Administration Department will have sightlines to the Main Entry/Atrium area and the Multi-Purpose Space.

1.2.2.2 The Administration Department will be directly adjacent to the Counselling department.

1.2.2.3 The Administration Department will have a direct connection to the Counselling department.

1.2.2.4 Private office spaces will be arranged in a cluster.

1.2.3 Access and Security

1.2.3.1 The Administration Department will be accessible to visitors during school hours, and secure after hours.

1.2.3.2 The connection between the Administration Department and Counselling department will not be visible from the Reception Counter & Work Station and/or Waiting Area / Admin Entry. The connection will be used for Staff circulation between the departments only.

Figure 1.2-1

1.00 ADMINISTRATION		NET AREA	COUNT	TOTAL NSM
1.01	Waiting Area / Admin Entry	16	1	16
1.02	Reception Counter & Work Station	8	1	8
1.03	Open Office Area	30	1	30
1.04	Principal	15	1	15
1.05	Vice-Principal	12	3	36
1.06	Teacher Prep	9 11	4 1	47
1.07	Accounting Office	10	1	10
1.08	Staff Mail Boxes	8	1	8

1.09	Work Room	15	1	15
1.10	Not Used	-	-	-
1.11	Not Used	-	-	-
1.12	Medical Room	10	1	10
1.13	Storage Room	8	1	8
1.14	Itinerant Staff Locker Space	5	1	5
1.15	Staff Room – Work Room / Lounge	70	1	70
1.16	Staff Room – Kitchen	7	1	7
1.17	Dead File Room / Archives	7	1	7
Total Area Administration				292

1.2.4 1.01 Waiting Area / Admin Entry

1.2.4.1 Overview

- (a) The Waiting Area / Admin Entry will be used for students and visitors to access and wait for members of the administration of the School.
- (b) The Waiting Area / Admin Entry will be open and inviting in organization and appearance.
- (c) The Waiting Area / Admin Entry will accommodate six seated persons.

1.2.4.2 Adjacencies

- (a) The Waiting Area / Admin Entry will be directly accessible from the main circulation of the School.
- (b) There will be visibility from the Building entry lobby to Waiting Area / Admin Entry.
- (c) The Waiting Area will have direct access to the Reception Counter.

1.2.4.3 Access and Security

- (a) The Waiting Area / Admin Entry area will be a contained suite.
- (b) The area will have a security shutter to prohibit access off-hours.

1.2.5 1.02 Reception Counter & Work Station

1.2.5.1 Overview

- (a) The Reception Counter & Work Station will be a greeting station for visitors to the Administration Department.

1.2.5.2 Adjacencies

- (a) The Reception Counter will have direct access to the Open Office Area.
- (b) The Reception Counter & Work Station will be open to the Waiting Area / Admin Entry and will provide one workstation.

1.2.5.3 Access and Security

- (a) No additional security measures are required beyond those for the Administration Department.
- (b) The reception counter will provide for two fixed heights for standing and wheelchair accessibility.

1.2.6 1.03 Open Office Area

1.2.6.1 Overview

- (a) The Open Office Area will accommodate three clerical workstations.
- (b) The Open Office Area will have a coat closet no less than 1800mm wide.

1.2.6.2 Adjacencies

- (a) The Open Office Area will be located to have convenient access to the Storage Room, Dead File Room / Archives, and the Work Room.
- (b) The Open Office Area will provide direct line of sight to/from the Reception Counter.

1.2.6.3 Access and Security

- (a) No additional security measures are required beyond those for the Administration Department.

1.2.7 1.04 Principal

1.2.7.1 Overview

- (a) This space will be a private office for the principal of the School.
- (b) The Principal's office will accommodate one workstation and a seating area for four people.

1.2.7.2 Adjacencies

- (a) The Principal's office will be adjacent to the Vice-Principal offices and the Open Office area.
- (b) The Principal's office will have direct line of sight to the Entry Plaza.

1.2.7.3 Access and Security

- (a) No additional security measures are required beyond those for the Administration Department. See Room Data Sheet for hardware information.

1.2.8 1.05 Vice-Principal

1.2.8.1 Overview

- (a) These spaces will be private offices for the vice-principals of the School.
- (b) Each Vice-Principal's office will accommodate one workstation and meeting space seating area for up to three people.

1.2.8.2 Adjacencies

- (a) The Vice-Principal's offices will be adjacent to the Principal's office and the Open Office area.
- (b) The Vice-Principal's offices will have direct line of sight to the Entry Plaza.

1.2.8.3 Access and Security

- (a) No additional security measures are required beyond those for the Administration Department.

1.2.9 1.06 Teacher Prep

1.2.9.1 Overview

- (a) A small preparation room for four teachers' preparation, located outside of the Classrooms.
- (b) One Teacher Prep room on an upper floor will have a copier and be of a larger size to accommodate this function.

1.2.9.2 Adjacencies

- (a) The Teacher Prep rooms will be located within the Learning Community, clustered with the Kitchenette, GN Washroom and Storage.
- (b) The Teacher Prep rooms can be combined into a single larger preparation room if shared between two Learning Communities.

1.2.9.3 Access and Security

- (a) The Teach Prep rooms will be accessed by teachers only.

1.2.10 1.07 Accounting Office

1.2.10.1 Overview

- (a) This will be a private office for the purposes of the School's accountant.
- (b) The Accounting Office will accommodate one workstation and meeting space seating area for up to three people.

1.2.10.2 Adjacencies

- (a) The Accounting Office will be adjacent to the Open Office Area, with access to the closest workstation within three metres.

1.2.10.3 Access and Security

- (a) No additional security measures are required beyond those for the Administration Department.

1.2.11 1.08 Staff Mail Boxes

1.2.11.1 Overview

- (a) A mail and package area for the administrative functions of the School.

1.2.11.2 Adjacencies

- (a) Staff mail boxes will be within the Work Room.

1.2.11.3 Access and Security

- (a) Staff mail boxes will be used for Staff communications as well as student project drop-off.

1.2.12 1.09 Work Room

1.2.12.1 Overview

- (a) The Work Room will be provided for faculty and Staff use, for preparation of materials and holding meetings.
- (b) The Work Room will accommodate Staff work outside of the classroom, as well as group meetings of up to 12 people.
- (c) The Work Room will provide access for Staff for work tables, a photocopier and scanner.

1.2.12.2 Adjacencies

- (a) The Work Room will be located inside the Administration Department.

1.2.12.3 Access and Security

- (a) The Work Room will be easily accessible from main circulation path in the School and from the Open Office Area.
- (b) The Work Room will be secured after school hours.

1.2.13 1.12 Medical Room

1.2.13.1 Overview

- (a) The Medical Room will be a safe place to attend to sick / injured persons.
- (b) The Medical Room will be shaped to allow for one cot bed or murphy bed.

1.2.13.2 Adjacencies

- (a) The Medical Room will have direct line of sight from Open Office Area.

1.2.13.3 Access and Security

- (a) The Medical Room will have direct access from the Open Office Area.
- (b) No additional security measures are required beyond those for the Administration Department.
- (c) The Medical Room will be lockable.

1.2.14 1.13 Storage Room

1.2.14.1 Overview

- (a) The Storage Room will hold general storage of clerical items on full height shelving.

1.2.14.2 Adjacencies

- (a) The Storage Room will have direct line of sight from Open Office Area.

1.2.14.3 Access and Security

- (a) The Storage Room will have direct access from the Open Office Area.
- (b) The Storage Room will be secured and accessible only by Staff.

1.2.15 1.14 Itinerant Staff Locker Space

1.2.15.1 Overview

- (a) The Itinerant Staff Locker Space will be for temporary or non-full time Staff who do not have a permanent workstation or classroom at the School.

1.2.15.2 Adjacencies

- (a) The Itinerant Staff Locker Space will be an open area in the Staff Room – Work Room / Lounge.

1.2.15.3 Access and Security

- (a) The Itinerant Staff Locker Space requires the same access and security as the Staff Room – Work Room / Lounge.

1.2.16 1.15 Staff Room - Work Room / Lounge

1.2.16.1 Overview

- (a) The Staff Room – Work Room / Lounge will support Staff work activities and respite.
- (b) The Staff Room - Work Room / Lounge will be outside of the Administration Department.
- (c) The Staff Room – Work Room / Lounge will contain locker space as described in the Itinerant Staff Locker Space.

1.2.16.2 Adjacencies

- (a) The Staff Room - Work Room / Lounge will have direct access to two GN Staff Washrooms as part of the project's 24.00 Design Space allocation.
- (b) The GN Staff Washrooms will not open directly onto the Work Room / Lounge or the Staff Room – Kitchen.

1.2.16.3 Access and Security

- (a) The Staff Room – Work Room / Lounge will only be accessible by faculty and Staff of the School.
- (b) The Staff Room – Work Room / Lounge will be secured after hours.

1.2.17 1.16 Staff Room - Kitchen

1.2.17.1 Overview

- (a) The Staff Room – Kitchen will form part of the Staff Room and is a combined space.
- (b) The Staff Room – Kitchen will provide area for Staff to store and prepare meals.

- (c) The Staff Room – Kitchen will include appliances and storage for kitchen utensils, crockery and food supplies.
- (d) Countertop outlets will be provided for countertop appliances.

1.2.17.2 Adjacencies

- (a) The Staff Room – Kitchen will be part to the Staff Room - Work Room / Lounge.

1.2.17.3 Access and Security

- (a) The Staff Room – Kitchen will only be accessible by faculty and Staff of the School.
- (b) The Staff Room – Kitchen will be secured after hours.

1.2.18 1.17 Dead File Room / Archives

1.2.18.1 Overview

- (a) The Dead File Room / Archives will be a safe files room, acting as a vault for finance documents and confidential information.
- (b) The Dead File Room / Archives room will have a 2-hour fire rating.

1.2.18.2 Adjacencies

- (a) The Dead File Room / Archives will be within the Administration Department.
- (b) The Dead File Room / Archives will be within direct line of sight of Reception.

1.2.18.3 Access and Security

- (a) The Dead File Room / Archives will not be within six metres of suite entrance or exit doors measured along path of travel.
- (b) The Dead File Room / Archives will be accessed only by authorized Staff.
- (c) The Dead File Room / Archives will have full height partitions.

1.3 2.00 Counselling

1.3.1 Overview

- 1.3.1.1 The Counselling department will be a welcoming area to provide both career counselling and personal counselling services.
- 1.3.1.2 The Counselling department will support vulnerable learners and students with special needs in private one-on-one consultations.
- 1.3.1.3 The Counselling department will support career counselling.

1.3.2 Adjacencies

- 1.3.2.1 The Counselling department will be located adjacent to the Administration Department.

1.3.3 Access and Security

- 1.3.3.1 The entry point to the Counseling department will be discrete in order to provide privacy for those entering the area from the School’s main circulation.

Table 2.00-1

2.00 COUNSELLING		NET AREA	COUNT	TOTAL NSM
2.01	Meeting Room	16	1	16
2.02	Waiting Area	9	1	9
2.03	Counselling Offices	8	5	40
2.04	File Area	9	1	9
2.05	Career Flex Space	24	1	24
2.06	Career Office	7	1	7
	Total Area Counselling			105

1.3.4 2.01 Meeting Room

- 1.3.4.1 Overview
 - (a) The Meeting Room will be shared with the Administration Department.
 - (b) The kitchenette will provide appliances and storage for kitchen utensils, crockery and food supplies.

1.3.4.2 Adjacencies

- (a) The Meeting Room will have a small kitchenette adjacent to the entry.

1.3.4.3 Access and Security

- (a) The Meeting Room will be accessible via a shared hallway connecting the Administration Department and Counselling department.

1.3.5 2.02 Waiting Area

1.3.5.1 Overview

- (a) The Waiting Area will serve as the department entry and will be visually screened from the School's main circulation to provide privacy to those accessing services.
- (b) The Waiting Area will include a counselling clerical entry desk.

1.3.5.2 Adjacencies

- (a) The Waiting Area will be directly adjacent to the access to the Administration Department.

1.3.5.3 Access and Security

- (a) The Waiting Area will be accessed directly from the School's main circulation.
- (b) The entry to the Waiting Area will be deliberately discrete from the School's main circulation.
- (c) The Waiting Area will have direct line of sight from the counselling clerical entry desk.
- (d) Students in the Waiting Area will not have direct line of sight to entry doors of Counselling Offices or any office within the Administration department.

1.3.6 2.03 Counselling Offices

1.3.6.1 Overview

- (a) The Counselling Offices will provide private offices for private conversations between counsellors and students.
- (b) One Counselling Office will serve as an itinerant office and can be located either within the Administration Department or the Counselling department.

1.3.6.2 Adjacencies

- (a) The Counselling Offices will be adjacent to one another.

1.3.6.3 Access and Security

- (a) Entries to each Counselling Office to be provided with visual line of site from at least one other occupied space other than the Waiting Area.

1.3.7 2.04 File Area

1.3.7.1 Overview

- (a) The File Area will provide safe and secure file storage for counsellors' student files behind the Counselling entry desk.

1.3.7.2 Adjacencies

- (a) The File Area will be away from the entry to the Counselling department.
- (b) The File Area will not be directly adjacent to the Waiting Area.

1.3.7.3 Access and Security

- (a) The File Area will be a file storage area, rather than a separate room.
- (b) The File Area will be accessible only to counsellors.

1.3.8 2.05 Career Flex Space

1.3.8.1 Overview

- (a) The Career Flex Space will provide a flexible meeting and teaching space for up to 15 students.
- (b) The Career Flex Space will accommodate four student computer stations and associated work tables.
- (c) The Career Flex Space will accommodate a workstation for career clerical Staff. This workstation will be nearby the Career Office and be directly adjacent to the Waiting Area.

1.3.8.2 Adjacencies

- (a) The Career Flex Space will be directly adjacent to the Career Office.
- (b) The Career Flex Space will be directly adjacent to the Waiting Area.

1.3.8.3 Access and Security

- (a) The Career Flex Space will be directly accessible from the School's main circulation and the Career Office.

1.3.9 2.06 Career Office

1.3.9.1 Overview

- (a) The Career Office will provide a private office for private conversations between career counsellors and students.
- (b) The Career Office will provide direct oversight of the Career Flex Room.

1.3.9.2 Adjacencies

- (a) The Career Office will be directly adjacent to the Career Flex Space.

1.3.9.3 Access and Security

- (a) The Career Office will be directly accessible from the Waiting Area.

1.4 3.00 General Storage

1.4.1 Overview

1.4.1.1 General Storage areas will be distributed throughout the School unless specified otherwise.

Figure 3.00-1

3.00 GENERAL STORAGE		NET AREA	COUNT	TOTAL NSM
3.01	Text Book Storage	40	1	40
3.02	Housekeeping Storage	20	2	40
3.03	Learning Community Storage	4	5	20
3.04	Misc. Storage	30	1	30
Total Area General Storage				130

1.4.2 3.01 Text Book Storage

1.4.2.1 Overview

- (a) The Text Book Storage room will be a large single room for storage of books and Learning Commons materials.

1.4.2.2 Adjacencies

- (a) The Text Book Storage room will be adjacent to the Learning Commons.

1.4.2.3 Access and Security

- (a) The Text Book Storage room will have full-height partitions.
- (b) The Text Book Storage room will be electronically secured and accessible only by School Staff.
- (c) The Text Book Storage room will be accessible from the School’s main circulation.

1.4.3 3.02 Housekeeping Storage

1.4.3.1 Overview

- (a) Provide one Housekeeping Storage room on each level.

1.4.3.2 Adjacencies

- (a) The ground level Housekeeping Storage room will be adjacent to the Shipping & Receiving access.

- (b) The second level Housekeeping Storage room will be adjacent to main washroom block.

1.4.3.3 Access and Security

- (a) The second level Housekeeping Storage room will have full-height partitions.
- (b) The second level Housekeeping Storage room will be electronically secured and accessible only by School Staff.

1.4.4 3.03 Learning Community Storage

1.4.4.1 Overview

- (a) Learning Community Storage rooms will be provided with each Learning Community.

1.4.4.2 Adjacencies

- (a) Learning Community Storage rooms will be adjacent to each Learning Community.

1.4.4.3 Access and Security

- (a) Learning Community Storage rooms will have full-height partitions.
- (b) Learning Community Storage rooms will be electronically secured and accessible only by School Staff.

1.4.5 3.04 Misc. Storage

1.4.5.1 Overview

- (a) The Misc. Storage room will be provided on the ground floor and will be used to store school supplies other than textbooks and housekeeping materials.
- (b) The Misc. Storage room is intended for general storage of school materials not specific to any department, to be utilized as the School requires.
- (c) The Misc. Storage room may be broken into smaller storage rooms, distributed throughout the School. No storage room will be less than 5 NSM.

1.4.5.2 Adjacencies

- (a) The Misc. Storage room will be centrally located within the School.

1.4.5.3 Access and Security

- (a) The Misc. Storage room will have full-height partitions.

- (b) The Misc. Storage room will be electronically secured and accessible only by School Staff.

1.5 4.00 Gymnasium Activity Space

1.5.1 Overview

- 1.5.1.1 Provide one large Gymnasium Activity Space, with the capability to separate into equal spaces to form Gym A and Gym B, by means of a motorized gymnasium curtain partition.
- 1.5.1.2 Motorized retractable bleacher seating will be provided on a single side of the Gymnasium Activity Space to accommodate 1000 people for general assembly functions. For sporting events the bleachers will be partially extended to accommodate 500 people without impeding the sporting court.
- 1.5.1.3 The Gymnasium Activity Space will be used for large presentation functions such as convocations and graduation ceremonies.
- 1.5.1.4 A projector, projection screen and sound system are required for presentation functions. See Appendix 1F – Furniture, Fixtures & Equipment List.

1.5.2 Adjacencies

- 1.5.2.1 The Gymnasium Activity Space will be directly observable through large glazed openings the between Gymnasium Activity Space and adjacent circulation spaces.

1.5.3 Access and Security

- 1.5.3.1 The Gymnasium Activity Space will be accessible after school hours.

Functional Program

Figure 4.00-1

4.00 GYMNASIUM ACTIVITY SPACE		NET AREA	COUNT	TOTAL NSM
4.01	Gym A	613	1	613
4.02	Gym B	613	1	613
4.03	Fitness Room	110	1	110
4.04	Bleacher Stacking Area	14	1	14
Total Area Gymnasium Activity Space				1,350

Space Descriptions

1.5.4 4.01, 4.02 Gym A and Gym B

1.5.4.1 Overview

- (a) Both Gym A and Gym B will have minimum dimensions of 29.2m X 21.0m, with their combined minimum dimension being no less than 29.2m X 42.0m.
- (b) Both Gym A and Gym B will have sprung hardwood floor, complete with games lines and games standards sockets for basketball, volleyball and badminton.
- (c) The layout will maximize the number of regulation-sized badminton courts. A minimum of six courts are required between Gym A and Gym B.
- (d) Retractable bleachers will be oriented for viewing of competition courts.
- (e) Provide a secured closet for the sound system and mixing board accessible by students. Sound system and mixing board are not to be within the Staff Work Room.
- (f) Gym A and Gym B will each be provided with Natural Light through glazing above 4m from the floor. Glazing will be north facing and/or shielded to protect from direct exposure to reduce glare and unwanted solar gains. Glazing will be suitable for use in high activity areas, specifically suited for gymnasium applications.
- (g) Gym A and Gym B will be provided with high-level motorized louvers or motorized operable windows to allow for passive ventilation.
- (h) Provide padding for all sharp corners in the gymnasiums and end-of-court padding on the walls directly behind the basketball hoops. Padding will be high density polyurethane foam complete with fasteners.

1.5.4.2 Adjacencies

- (a) The Gymnasium Activity Space, Drama Room and Gymnasium Ancillary Space will be grouped together and be easily viewable from the entry atrium and Multi-Purpose Space.
- (b) Gym A and Gym B will be directly adjacent to the Gymnasium Ancillary Space.
- (c) Gym A and Gym B will be oriented to at least one exterior wall.

1.5.4.3 Access and Security

- (a) Gym A and B will be accessed via the School's general circulation.
- (b) Gym A and Gym B are not to be directly accessible from the Gymnasium Ancillary Space except where noted in 5.00 Gymnasium Ancillary Space.
- (c) Direct exterior access to the outdoor basketball court and Multi-Purpose Field is not required.

1.5.4.4 Game Markings

- (a) Use Canadian standards for basketball, volleyball and badminton courts.
- (b) Two full sized basketball courts, one per Gym, with keys for free throw shooting.
- (c) Game markings for six badminton courts.
- (d) The combined Gym A and Gym B will have a central competition court for both basketball and volleyball complete with floor game lines including:
 - 1. Two full-sized high-school basketball courts (court size 25.6m x 15.24m);
 - 2. Two full-sized volleyball courts (court size 18.2m x 9.14m);
 - 3. A centre court volleyball court when Gym A and Gym B are combined; and
 - 4. A centre court basketball court when Gym A and Gym B are combined.
- (e) The competition court basketball centre jump-off circle will be a solid colour (to be determined) with the School name and logo.

1.5.5 4.03 Fitness Room

1.5.5.1 Overview

- (a) The Fitness Room will accommodate circuit training stations, free-weights, and warm up areas.

1.5.5.2 Adjacencies

- (a) The Fitness Room will have a Direct Visual Connection to the Gymnasium Activity Space.
- (b) The Fitness Room may be located on the same level or one level above the Gymnasium Activity Space.
- (c) The Fitness Room will be located at least 20m from academic learning spaces (Classrooms, Learning Communities, Learning Commons).
- (d) The Fitness Room will not share a wall with Foods rooms, Drama Room, Music Room, or Indigenous Education.
- (e) The Fitness Room can share a wall with Flex Classrooms.

1.5.5.3 Access and Security

- (a) The Fitness Room will be accessed directly from the School's main circulation and also from the Gymnasium Activity Space if located on the ground floor.
- (b) The Fitness Room will be provided with two access doors.
- (c) The Fitness Room will be electronically secured.

- (d) If located on the ground floor, the Fitness Room will have access to the exterior.

1.5.6 4.04 Bleacher Stacking Area

1.5.6.1 Overview

- (a) The Bleacher Stacking Area will be integrated with the Gymnasium Activity Space.
- (b) Provide power-activated bleacher seating for 1000 people, in maximum banks as allowed by the applicable building code.
- (c) Provide a central break within the bleachers to accommodate the divider curtain.

1.6 5.00 Gymnasium Ancillary Space

1.6.1 Overview

1.6.1.1 Gymnasium Ancillary Space provides support space for the fitness and athletics of the School.

1.6.1.2 Gymnasium Ancillary Space includes locker rooms, work rooms, washrooms, showers and laundry.

1.6.2 Adjacency

1.6.2.1 All Gymnasium Ancillary Spaces will be in close proximity to the Gymnasium Activity Space and Fitness Room.

1.6.3 Access and Security

1.6.3.1 Gymnasium Ancillary Spaces will be accessible after hours, on the same schedule as the Gymnasium Activity Space except where required to be individually access controlled.

1.6.4 Adjacencies

1.6.4.1 All Change Rooms will have two entry doors from the corridor, with access oriented at each end.

1.6.4.2 Provide GN lockers within an area outside of change room area.

Functional Program

Table 5.00-1

5.00 GYMNASIUM ANCILLARY SPACE		NET AREA	COUNT	TOTAL NSM
5.01	M Change Room	30	1	30
5.02	F Change Room	30	1	30
5.03	GN Change Room	2	30	60
5.04	Staff Work Room	25	1	25
5.05	Team Storage	15	1	15
5.06	Gym Equipment Storage	15 / 35	2	50
5.07	Laundry	10	1	10
5.08	GN Toilet Room	4	4	16
5.09	GN Locker Space	14	1	14
Total Area Gymnasium Ancillary Space				250

Space Descriptions

1.6.5 5.01 M Change Room

1.6.5.1 Overview

- (a) M Change Room will be an open locker and change area for male students.
- (b) M Change Room will be complete with two shower / dressing cubicles, one toilet room with sink to accommodate 30 Occupants within the secured area of the Gymnasium Ancillary Space.

1.6.5.2 Adjacencies

- (a) M Change Rooms will be adjacent to the main circulation corridor, and located on the ground floor.

1.6.5.3 Access and Security

- (a) All Change Rooms will be accessible from the main circulation corridor. These will be located to serve students during school hours, and facilitate secure after-hours use of the Gymnasium Activity Space and Gymnasium Ancillary Space.
- (b) M Change Room will be accessible from the circulation corridor, not the Gymnasium Activity Space.
- (c) M Change Room to be provided with two entrances, arranged in a through-traffic pattern.
- (d) Line of sight will be maintained to not allow visibility into changing or toilet stalls, showers or urinals.

1.6.6 5.02 F Change Room

1.6.6.1 Overview

- (a) F Change Room will be an open locker and change area for female students.
- (b) F Change Room will be complete with two shower / dressing cubicles, one toilet room with sink to accommodate 30 Occupants within the secured area of the Gymnasium Ancillary Space.

1.6.6.2 Adjacencies

- (a) F Change Rooms will be adjacent to the main circulation corridor, and located on the ground floor.

1.6.6.3 Access and Security

- (a) Access all Change Rooms from main circulation corridor. These will be located to serve students during school hours, and facilitate secure after-hours use of the Gymnasium Activity Space and Gymnasium Ancillary Space.
- (b) F Change Room will be accessible from the circulation corridor, not the Gymnasium Activity Space.

- (c) F Change Room to be provided with two entrances, arranged in a through-traffic pattern.
- (d) Line of sight will be maintained to not allow visibility into changing or toilet stalls or showers.

1.6.7 5.03 GN Change Rooms

1.6.7.1 Overview

- (a) GN Change Rooms will be small stalls for clothing changing.
- (b) Two of the GN Change Rooms will be accessible and are to be larger as required.

1.6.7.2 Adjacencies

- (a) GN Change Rooms will be adjacent to GN Locker Space and located on the ground floor.
- (b) GN Change Rooms will be within 25m of Gym A and B, measured along the path of travel from the closest door to each space.

1.6.7.3 Access and Security

- (a) Access to any change room doors to be visible from the GN Locker Space for safety purposes.
- (b) Line of sight will be maintained to not allow visibility into change, shower or toilet areas.

1.6.8 5.04 Staff Work Room

1.6.8.1 Overview

- (a) The Staff Work Room will provide space for five Staff in an open office format.
- (b) Provide two individual GN washroom facilities for physical education Staff accessible from within the Staff Work Room. Each washroom will include a lavatory, toilet and shower stall. One shower will be accessible.
- (c) The Staff Work Room will include a 6 NSM gender neutral change / locker space.

1.6.8.2 Adjacency

- (a) The Staff Work Room will be adjacent to the Gym A and Gym B.
- (b) The Staff Work Room will be adjacent to Team Storage.

1.6.8.3 Access and Security

- (a) The Staff Work Room will be accessed directly from main circulation corridor.
- (b) Washrooms will be accessible directly from change / locker space.
- (c) One desk will have visual oversight of one entrance to each change room.
- (d) One desk will have direct visibility into the Gymnasium Activity Space.

1.6.9 5.05 Team Storage

1.6.9.1 Overview

- (a) Team Storage will provide hanging storage for uniforms as well as shelving for boxed storage.
- (b) The room will be rectilinear and no less than 2.5m wide in any dimension.

1.6.9.2 Adjacency

- (a) Team Storage will be directly adjacent to the Staff Work Room.

1.6.9.3 Access and Security

- (a) Team Storage will be provided with full-height partitions.
- (b) Team Storage door will be adjacent to access to the Staff Work Room.
- (c) Team Storage may also be secondarily accessible from Gym A or Gym B.

1.6.10 5.06 Gym Equipment Storage

1.6.10.1 Overview

- (a) One of the two Gym Equipment Storage rooms will be 15 NSM, and the other will be 35 NSM.
- (b) The 35 NSM Gym Equipment Storage room will be dedicated to the Gym A and Gym B.
- (c) The 15 NSM Gym Equipment Storage room will be used to store outdoor physical education and game equipment.
- (d) The 35 NSM Gym Equipment Storage room will be for storage of indoor gym equipment including sporting goods, mats, fitness equipment, apparatus, etc.
- (e) The rooms will be rectilinear and no less than 3m wide in any dimension.

1.6.10.2 Adjacencies

- (a) The two Gym Equipment Storage rooms do not need to be adjacent to one another.

- (b) The Gym Equipment Storage rooms will be adjacent to the Gymnasium Activity Space.

1.6.10.3 Access and Security

- (a) Partitions in the Gym Equipment Storage rooms will be full height.
- (b) The 15 NSM Gym Equipment Storage room will allow access from both the exterior and interior.
- (c) The 35 NSM Gym Equipment Storage Room will allow access from the Gymnasium Activity Space and corridor.

1.6.11 5.07 Laundry

1.6.11.1 Overview

- (a) The Laundry area may be combined with the Team Storage space to form one larger space.
- (b) Provide space in the centre of the room for a laundry folding table. Allow for a 1200mm X 1800mm table.
- (c) The Laundry area will include a commercial washer and dryer. See Appendix 1F – Furniture, Fixtures and Equipment List.

1.6.11.2 Adjacencies

- (a) The Laundry area will be adjacent to the Staff Work Room and Team Storage.

1.6.12 5.08 GN Toilet Room

1.6.12.1 Overview

- (a) Provide individual complete gender neutral wash/shower/change rooms. Rooms will be complete with shower, toilet, and sink to accommodate single occupants.
- (b) One of the GN washrooms will be accessible.

1.6.12.2 Adjacencies

- (a) GN Toilet Room will be directly accessible from GN Locker Space and GN Change Rooms.

1.6.12.3 Access and Security

- (a) GN Change Room will be accessible from the circulation corridor, not the Gymnasium Activity Space.

1.6.13 5.09 GN Locker Space

1.6.13.1 Overview

- (a) GN Locker Space will provide an open locker area for students.

1.6.13.2 Adjacencies

- (a) GN Locker Space will be directly adjacent to GN Washroom and GN Change Rooms.

1.6.13.3 Access and Security

- (a) The GN Locker Space will be directly accessed from main circulation corridor. These will be located to serve students during school hours, and facilitate secure after-hours use of the Gymnasium Activity Space and Gymnasium Ancillary Space.

1.7 6.00 Learning Commons (Library)

1.7.1 Overview

- 1.7.1.1 The Learning Commons (Library) will be a contemporary architectural design, facilitating a range of library / learning functions. This will be a non-traditional library space.
- 1.7.1.2 The Learning Commons (Library) department will provide a diversity of resources and easy access to technology for all students.

1.7.2 Adjacencies

- 1.7.2.1 The Learning Commons (Library) will be centrally located, adjacent to the Multi-Purpose Space and located along the School's major circulation route.
- 1.7.2.2 The Learning Commons (Library) will be located on the Ground Floor.
- 1.7.2.3 The Learning Commons (Library) will be directly adjacent to Outdoor Classroom 1.
- 1.7.2.4 The Learning Commons (Library) will be directly adjacent to Textbook Storage.
- 1.7.2.5 The Learning Commons (Library) will be directly adjacent to Design Hub / Maker Space.

1.7.3 Access and Security

- 1.7.3.1 The Learning Commons (Library) will be provided with a welcoming and open entrance, defined by a fully-retractable glazed wall between the Learning Commons and the School's major circulation route.
- 1.7.3.2 The Learning Commons (Library) will be provided with a large operable glazed wall to connect to the Multi-Purpose Space.
- 1.7.3.3 The Learning Commons (Library) will be able to be secured after school hours.

Functional Program

Table 6.00-1

6.00 LEARNING COMMONS (LIBRARY)		NET AREA	COUNT	TOTAL NSM
6.01	Circulation Desk	10	1	10
6.02	Stacks	100	1	100
6.03	Study Area	-	3	263
6.04	Design Hub / Maker Space	120	1	120
6.05	Collaboration Rooms	10	3	30

6.06	Computer Research	9	1	9
6.07	Librarian Office / Work Room	12	1	12
6.08	Reading Lounge / Quiet Area	30	1	30
6.09	Secure Tech Equipment Storage	6	1	6
	Total Area Learning Commons (Library)			580

Space Descriptions

1.7.4 6.01 Circulation Desk

1.7.4.1 Overview

- (a) The Circulation Desk will be the central access point for checking in and out library materials, and for seeking help.

1.7.4.2 Adjacencies

- (a) The Circulation Desk will be centrally located within the Learning Commons.
- (b) The Circulation Desk will be visible to / from the Librarian Office / Work Room.

1.7.4.3 Access and Security

- (a) The Circulation Desk will be located to have oversight of the Learning Commons entry area.
- (b) The Circulation Desk will have sightlines to all areas within the Learning Commons.

1.7.5 6.02 Stacks

1.7.5.1 Overview

- (a) The Stacks will be an area for movable and/or fixed library shelving for books, periodicals and other library materials.
- (b) Library shelving will be movable in central areas of the Learning Commons (Library), used to define distinct study areas.
- (c) Moveable library shelving will be no more than 1220mm high in central areas of the Learning Commons (Library).
- (d) Moveable shelving will be oriented back-to-back to provide deep flat surfaces for display of materials.
- (e) Fixed library shelving at perimeter walls will be permanently installed, and no more than 1830mm high.
- (f) The total amount of library shelving for books will accommodate 300 linear metres of materials, with no materials stored on the top of shelving units.

- (g) The total amount of library shelving for periodicals will accommodate 10 linear metres of materials, with no materials stored on the top of shelving units. This will be arranged as a periodicals section of the library.
- (h) All library shelving will be arranged and/or secured for seismic purposes.

1.7.5.2 Adjacencies

- (a) Stacks will be clustered throughout Learning Commons to provide for learning communities, defined by architectural elements such as changes in flooring and ceiling elements.

1.7.5.3 Access and Security

- (a) Stacks will be located beyond the Circulation Desk from the main entrance to the Learning Commons.

1.7.6 6.03 Study Area

1.7.6.1 Overview

- (a) A minimum of three Study Areas will be provided.
- (b) One Study Area will be 125 NSM minimum.
- (c) A second Study Area will be 80 NSM minimum.
- (d) Additional Study Areas will be provided such that combined total NSM is no less than as shown in the table above.
- (e) Study Areas will be defined using the arrangement of Stacks.
- (f) A unique, quiet area within the Study Area will be designed and designated for listening to audio material, including those for traditional Indigenous languages.

1.7.6.2 Adjacencies

- (a) Study Areas will be located within Stack areas.
- (b) Study Areas will be dispersed throughout the Learning Commons to provide opportunities for different study environments.
- (c) The largest Study Area will be adjacent to exterior glazing, with large operable glazing to the Landscaped Plaza.
- (d) The largest Study Area will be used as an extension of the Multi-Purpose Space. This will be connected via a folding glass partition and will be positioned to expand the Multi-Purpose Space for larger after-hours events, while maintaining the security of the rest of the Learning Commons.

1.7.6.3 Access and Security

- (a) The largest Study Area will be accessed from the Learning Commons and Multi-Purpose Space.
- (b) All Study Areas will be visible from the Circulation Desk.

1.7.7 6.04 Design Hub / Maker Space

1.7.7.1 Overview

- (a) The Design Hub / Maker Space will be a flexible open space with perimeter millwork storage for general materials and counter space for equipment.
- (b) The Design Hub / Maker Space will include millwork around the perimeter for storage of sewing machines, textiles, materials and supplies.
- (c) The Design Hub / Maker Space will also be used for the Home Economics Textiles program.
- (d) The Design Hub / Maker Space will accommodate worktables for 30 students.
- (e) Power will be provided to every two worktables from ceiling-mounted cord reels.
- (f) The Design Hub / Maker Space will have a large glazed wall with visibility to the Learning Commons (Library).
- (g) The Design Hub / Maker Space will include one art sink and one hand sink.
- (h) The Design Hub / Maker Space will include a closet for storage of ironing boards.

1.7.7.2 Adjacencies

- (a) The Design Hub / Maker Space will be directly adjacent to the Learning Commons.

1.7.7.3 Access and Security

- (a) The Design Hub / Maker Space will be accessed from both the Learning Commons and the School's main circulation corridor.
- (b) The Design Hub / Maker Space will be able to be closed and secured while the Learning Commons is occupied.

1.7.8 6.05 Collaboration Rooms

1.7.8.1 Overview

- (a) The Collaboration Rooms will have glazed partition walls with a direct line of sight from the Circulation Desk or Librarian's Office.
- (b) The Collaboration Rooms will each accommodate 10 students.
- (c) Collaboration Rooms do not need to be clustered together.

- (d) Collaboration Rooms may be provided as mezzanine space within the Learning Commons (Library) if they are accessible to all students.

1.7.8.2 Adjacencies

- (a) The Collaboration Rooms will be adjacent to the Study Area.
- (b) One Collaboration Room will be within 10m of the Design Hub / Maker Space.

1.7.8.3 Access and Security

- (a) The Collaboration Rooms will be accessed from the Study Area.
- (b) At least one Collaboration Room will be accessed from both the Study Area and Design Hub / Maker Space.

1.7.9 6.06 Computer Research

1.7.9.1 Overview

- (a) The Computer Research space will be an unenclosed area, sized to accommodate six fixed computer workstations within the Learning Commons (Library).
- (b) The Computer Research space will be located away from windows to reduce glare from direct sunlight.

1.7.9.2 Adjacencies

- (a) The Computer Research space will be integrated into a Study Area, and within view of the Circulation Desk or Librarian Office / Work Room.

1.7.9.3 Access and Security

- (a) None.

1.7.10 6.07 Librarian Office / Work Room

1.7.10.1 Overview

- (a) The Librarian Office / Work Room will be an enclosed room with glass partitions, oriented towards the Study Areas.
- (b) Library shelving for books will accommodate 30 linear metres of materials, with no materials stored on the top of shelving units. Shelving is not to be more than 1524mm high.
- (c) A library assistant area will be created with library shelving for books and materials, with accommodation for 20 linear metres of materials. Shelving is not to be more than 1524mm high.

1.7.10.2 Adjacencies

- (a) The Librarian Office / Work Room will be adjacent to the Study Areas and Stacks.
- (b) The Librarian Office / Work Room will be near the Circulation Desk.

1.7.10.3 Access and Security

- (a) The Librarian Office / Work Room will have oversight over the Study Areas.
- (b) The Librarian Office / Work Room may have oversight of the Computer Research area.

1.7.11 6.08 Reading Lounge / Quiet Area

1.7.11.1 Overview

- (a) The Reading Lounge / Quiet Area will be an enclosed room with glass partitions to facilitate quiet, private study.

1.7.11.2 Adjacencies

- (a) The Reading Lounge / Quiet Area will be adjacent to the Circulation Desk or the Librarian Office / Work Room.

1.7.11.3 Access and Security

- (a) The Reading Lounge / Quiet Area will be accessed through the Learning Commons.
- (b) The Reading Lounge / Quiet Area will be provided with a Direct Visual Connection to the Study Area and the Circulation Desk.
- (c) The Reading Lounge / Quiet Area may be provided as mezzanine space within the Learning Commons (Library) if it is accessible to all students.

1.7.12 6.09 Secure Tech Equipment Storage

1.7.12.1 Overview

- (a) The Secure Tech Equipment Storage room will accommodate four laptop cart storage stations complete with cart charging capabilities.

1.7.12.2 Adjacencies

- (a) The Secure Tech Equipment Storage room will be located behind the Circulation Desk, with access adjacent to the Librarian Office / Work Room.

1.7.12.3 Access and Security

- (a) The Secure Tech Equipment Storage room will have full height partitions.

1.8 7.00 Multi-Purpose Space

1.8.1 Overview

- 1.8.1.1 The Multi-Purpose Space will be a central space and the largest gathering hub for the School.
- 1.8.1.2 The Multi-Purpose Space will provide table seating for students to eat, sit, work, and socialize. It will be a place for exhibitions and presentations.

Functional Program

Table 7.00-1

7.00 MULTI-PURPOSE SPACE		NET AREA	COUNT	TOTAL NSM
7.01	Assembly / Lounge / Dining Area	280	1	280
7.02	Catering Centre / Servery Counter	40	1	40
	Total Area Multi-Purpose Room			320

Space Descriptions

1.8.2 7.01 Assembly / Lounge / Dining Area

1.8.2.1 Overview

- (a) The Assembly / Lounge / Dining area will be a double-height, feature space, and serve as the central hub of the School.
- (b) The Assembly / Lounge / Dining area will be a single open space.
- (c) The Assembly / Lounge / Dining area will house a central feature stair (the “Gathering Stair”), accessing all levels. This stair will accommodate 60 people, seated on terraces, with a width of 900mm minimum per person.
- (d) The Gathering Stair will include a code-compliant access stair to the second level.
- (e) The Gathering Stair will be centred on the opening to the Drama room.
- (f) Across from the Gathering Stair, above the opening to the Drama Room will be a large, wall-mounted LCD Display with associated power, network and power connections used for presentations.

1.8.2.2 Adjacencies

- (a) The Assembly / Lounge / Dining area will be within 25m of the main entrance of the School, measured along the path of travel from the entry to the edge of the space.

- (b) The Assembly / Lounge / Dining area will have direct adjacency to the Drama room and Learning Commons.
- (c) Provide operable wall between Drama room and Assembly / Lounge/Dining Area, opposite the Gathering Stair.

1.8.2.3 Access and Security

- (a) The Assembly / Lounge / Dining area will be accessed from School's main circulation corridor.
- (b) The Assembly / Lounge / Dining area will provide access to Landscaped Plaza and Outdoor Classroom 1.
- (c) Provide sliding glazed doors / wall between the Assembly / Lounge / Dining space and Learning Commons.

1.8.3 7.02 Catering Centre / Servery Counter

1.8.3.1 Overview

- (a) The Catering Centre / Servery Counter will be a non-commercial kitchen space for serving meals and for supporting special events.
- (b) The Catering Centre / Servery Counter will have a sales counter for small goods for students.

1.8.3.2 Access and Adjacency

- (a) The Catering Centre / Servery Counter will be directly adjacent and accessible from the to the Assembly / Lounge / Dining Area.
- (b) The Catering Centre / Servery Counter will be separated from the Assembly / Lounge / Dining area by a securable opening.

1.9 8.00 Special Education / Inclusive Education

1.9.1 Overview

- 1.9.1.1 These areas are intended to provide learning spaces to deliver programs for vulnerable learners in both group and individual settings.
- 1.9.1.2 The areas will be integrated into the fabric of the School and not isolated. These areas will be located as integral programs within the Learning Communities.
- 1.9.1.3 Special Education / Inclusive Education areas will be located away from the Gymnasium Activity Space.
- 1.9.1.4 Programs will range from Life Skills Occupational Therapy situations to delivering assisted learning support for gaining independence in all areas of a student's life.
- 1.9.1.5 Programs will support a range of student's needs, including physical, sensory or cognitive challenges.
- 1.9.1.6 The Special Education / Inclusive Education spaces will be arranged in a suite or departmental layout, with the exception of Resource Room – Learning Assistance.

Functional Program

Table 8.00-1

8.00 SPECIAL EDUCATION / INCLUSIVE EDUCATION		NET AREA	COUNT	TOTAL NSM
8.01	Resource Room 1 - Skills for Life			100
8.01 a	Flex Area	81	1	81
8.01 b	Kitchen	7	1	7
8.02	Learning Assistance Resource Room	38	5	190
8.03	Office	20	1	20
8.04	Change Room / WC	15	1	15
8.05	Itinerant Room	15	1	15
8.06	Meeting Room	15	1	15
8.07	Sensory Room	11	1	11
8.08	Testing Room	7	1	7
	Total Area Special Education / Inclusive Education			361

1.9.2 8.01 Resource Room 1 - Skills for Life

1.9.2.1 Overview

- (a) The Resource Room 1 - Skills for Life will be a learning space focused around teaching occupational life skills.
- (b) This area will provide opportunities for students from alternate educational programs to be referred to Cowichan Secondary School and its inclusive education program. The intent is to assist in building strong positive relationships.
- (c) The space requires an open learning space to provide access to a variety of courses, including core subjects and some electives.

1.9.2.2 Access and Security

- (a) The Resource Room 1 - Skills for Life will be accessible from central building circulation in same manner as Learning Communities.

1.9.3 8.01a Resource Room 1 – Skills for Life – Flex Area

1.9.3.1 Overview

- (a) The Resource Room 1 - Flex Area will be an open space to facilitate a variety of learning activities.
- (b) An open Reading space will be included in the Flex Area for individual readers, providing access to reading resources.

1.9.3.2 Adjacencies

- (a) The Resource Room 1 - Flex Area will be a space located inside Skills for Life.

1.9.3.3 Access and Security

- (a) The Resource Room 1 - Flex Area will be accessed through the Special Education / Inclusive Education department.

1.9.4 8.01b Resource Room 1 – Skills for Life – Kitchen

1.9.4.1 Overview

- (a) The Kitchen will be provided for occupational therapy purposes.

1.9.4.2 Adjacencies and Access

- (a) The Kitchen will be open to the Resource Room 1 – Flex Area.

1.9.5 8.02 Learning Assistance Resource Rooms

1.9.5.1 Overview

- (a) Resource Room – Learning Assistance will be resource rooms within the Learning Communities focused around providing and enhancing learning skills.
- (b) Resource Room – Learning Assistance will be provided with privacy glass or other screening to allow for privacy of students while remaining open and inviting spaces, similar to a classroom.

1.9.5.2 Adjacencies and Access

- (a) Learning Assistance Resource Rooms will be located in each of the Learning Communities.
- (b) Learning Assistance Resource Rooms will be accessible by all Staff and students.

1.9.6 8.03 Office

1.9.6.1 Overview

- (a) The Office will have four workstations.
- (b) The Office will include an open shared work/meeting area for four persons.

1.9.6.2 Adjacencies

- (a) The Office will be adjacent to the entry of the Special Education / Inclusive Education department with visibility to the entry and Resource Room 1 entry.

1.9.7 8.04 Change Room / WC

1.9.7.1 Overview

- (a) The Change Room / WC will provide a fully accessible washroom including shower, toilet and sink.

1.9.7.2 Adjacencies

- (a) The Change Room / WC will be within 20m of the Inclusive Education Resource Rooms and the Itinerant Room measured along the path of travel from entry to entry.

1.9.7.3 Access and Security

- (a) The Change Room will be accessed from within the Special Education / Inclusive Education department.

1.9.7.4 Equipment

- (a) The Change Room / WC will include a motorized overhead lift and change table.

1.9.8 8.05 Itinerant Room

1.9.8.1 Overview

- (a) The Itinerant Room will be a flexible space for physical therapy and occupational therapy. These services will be provided by itinerant Staff that serve the entire school district on a rotational basis.

1.9.8.2 Adjacencies

- (a) The Itinerant Room will be adjacent to the Office.

1.9.8.3 Access and Security

- (a) The Itinerant Room will be accessed from the general Special Education / Inclusive Education department area.

1.9.9 8.06 Meeting Room

1.9.9.1 Overview

- (a) The Meeting Room will be shared by all Staff in the department as well as by the School in general.
- (b) The Meeting Room will accommodate 12 persons.

1.9.9.2 Adjacencies

- (a) The Meeting Room will be adjacent to the Special Education / Inclusive Education department.

1.9.9.3 Access and Security

- (a) The Meeting Room will be directly accessible from the School's main circulation routes and from within the Special Education / Inclusive Education department.

1.9.10 8.07 Sensory Room

1.9.10.1 Overview

- (a) The Sensory Room will provide a controlled environment with acoustic privacy and controllable lighting levels and lighting hues.
- (b) The Sensory Room finishes and colours will provide a calm atmosphere for students.
- (c) The Sensory Room lighting will be dimmable and colour-programmable.

1.9.10.2 Adjacencies

- (a) The Sensory Room will be adjacent to Resource Room 1.

1.9.10.3 Access and Security

- (a) The Sensory Room will be accessed from the Special Education / Inclusive Education department.
- (b) The door to the Sensory Room will be visible from the Office.

1.9.11 8.08 Testing Room

1.9.11.1 Overview

- (a) The Testing Room will accommodate two people and a single workstation.

1.9.11.2 Adjacencies

- (a) The Testing Room will be adjacent to the Sensory Room.
- (b) The Testing Room will be within 10m of Resource Room 1.

1.9.11.3 Access and Security

The Testing Room will be accessible from the Special Education / Inclusive Education department.

1.10 9.00 Indigenous Education

1.10.1 Overview

1.10.1.1 The Indigenous Education department will be a place for students to seek support, create belonging and create a welcoming community with an all-nations common area.

1.10.1.2 The Indigenous Education department will be centrally located, with visibility from the Multi-Purpose Space.

Functional Program

Table 9.00-1

9.00 INDIGENOUS EDUCATION		NET AREA	COUNT	TOTAL NSM
9.01	Indigenous Education Room			92
9.01 a	Flex Area	75	1	75
9.01 b	Reading Area	10	1	10
9.01 c	Kitchen	7	1	7
9.02	Office	15	1	15
9.03	Storage Room	10	1	10
	Total Area Indigenous Education			117

Space Descriptions

1.10.2 9.01 Indigenous Education Room

1.10.2.1 Overview

(a) The Indigenous Education Room will be made up of the Flex Area, Reading Area and Kitchen.

1.10.2.2 Adjacency and Access

(a) The Indigenous Education Room will be centrally located and accessible to all students within the School.

(b) The Indigenous Education Room will be accessed from the School's main circulation.

(c) The Indigenous Education Room can be on any level of the School.

1.10.3 9.01a Flex Area

(a) Overview

1. The Flex Area will be a rectangular open space.

2. The Flex Area will accommodate cultural activities such as cedar weaving, beading, drumming, artwork, meal sharing and smudging.

(b) Access and Security

1. The Flex Area will be accessed directly from the School's main circulation.

1.10.4 9.01b Reading Area

1.10.4.1 Overview

- (a) The Reading Area will be a private space within the Flex Area for quiet activities.
- (b) The Reading Area will have a movable screen to delineate the space from the Flex Area.
- (c) Lighting will be dimmable in the Reading Area.

1.10.4.2 Adjacencies and Access

- (a) The Reading Area will be an open area connected to the Flex Area.

1.10.5 9.01c Kitchen

1.10.5.1 Overview

- (a) The Kitchen will be an open kitchen for student use.

1.10.5.2 Adjacencies and Access

- (a) The Kitchen will be within the Flex Area.

1.10.6 9.02 Office

1.10.6.1 Overview

- (a) The Office will provide a private office for four persons including space for four workstations.

1.10.6.2 Adjacencies

- (a) The Office will be adjacent to the Flex Area.

1.10.6.3 Access and Security

- (a) The Office will have a Direct Visual Connection to the Flex Area.
- (b) The Office will have full height partitions for security.

1.10.7 9.03 Storage Room

1.10.7.1 Overview

- (a) The Storage Room will provide space for storage of drums, art supplies, cedar and looms.

1.10.7.2 Adjacencies

- (a) The Storage Room will be adjacent to and accessed from the Flex Area.

1.10.7.3 Access and Security

- (a) The Storage Room will have full height partitions for security.

1.11 10.00 Computer Room

Functional Program

Table 10.00-1

10.00 COMPUTER ROOM		NET AREA	COUNT	TOTAL NSM
10.01	Computer Lab 1	120	1	120
Total Area Computer Labs				120

Space Descriptions

1.11.1 10.01 Computer Lab 1

1.11.1.1 Overview

- (a) Computer Lab 1 will contain desktop computers for student access to software requiring computing power beyond standard laptop capacity, including but not limited to technical drawing and design software, etc.

1.11.1.2 Adjacencies

- (a) Computer Room Lab 1 will be in a central location of the School.
- (b) Computer Room Lab 1 will be on any level of the School.

1.11.1.3 Access and Security

- (a) Computer Room Lab 1 will be accessed from the School's main circulation corridor.
- (b) Computer Room Lab 1 will have full height partitions for security.

1.12 11.00 Music Room – Band / Choir

1.12.1 Overview

1.12.1.1 Not used.

1.12.2 Adjacencies

1.12.2.1 Not used.

1.12.2.2 The Music Room will be adjacent to the Drama Room.

1.12.3 Access and Security

1.12.3.1 Access to the Music Room will be provided from the main circulation corridor.

1.12.3.2 A sound isolation vestibule will be provided at the entrance to the Music Room.

1.12.3.3 Provide direct access to the exterior for movement and loading of musical instruments.

1.12.4 Other Requirements

1.12.4.1 The door to the Music Room will be acoustically sealed including drop acoustic seal.

Functional Program

Table 11.00-1

11.00 MUSIC ROOM - BAND / CHOIR		NET AREA	COUNT	TOTAL NSM
11.01	Main Studio	120	1	120
11.02	Practice Room 1	15	1	15
11.03	Practice Room 2	10	1	10
11.04	Practice Room 3	5	1	5
11.05	Office	7	1	7
11.06	Storage	15	1	15
11.07	Recording / Composition Room	8	1	8
Total Area Music Room – Band / Choir				180

Space Descriptions

1.12.5 11.01 Main Studio

1.12.5.1 Overview

- (a) The Main Studio will have a flat floor with moveable flats to accommodate up to 30 students.
- (b) The Main Studio will have acoustic treatment applied to walls and ceiling.

1.12.5.2 Access and Adjacencies

- (a) The Main Studio will provide access to all other rooms within the department.

1.12.6 11.02, 11.03, 11.04 Practice Rooms 1, 2, 3

1.12.6.1 Overview

- (a) Practice Rooms 1, 2, 3 will provide acoustically separated practice spaces for individual students and groups of students.

1.12.6.2 Adjacencies

- (a) The Practice Rooms will be provided with a Direct Visual Connection to the Main Studio.

1.12.7 11.05 Office

1.12.7.1 Overview

- (a) The Office will be acoustically insulated.

1.12.7.2 Adjacencies

- (a) The Office will be provided with a Direct Visual Connection to the Main Studio.

1.12.8 11.06 Storage

1.12.8.1 Access and Security

- (a) The Storage room will be provided with full height partitions.
- (b) The Storage room will be shared with the Drama Room but is not required to be accessed from the Drama Room directly.

1.12.9 11.07 Recording / Composition Room

1.12.9.1 Overview

- (a) The Recording / Composition Room will be acoustically insulated.
- (b) Provide sound table at the window into the Main Studio.

1.12.9.2 Adjacencies

- (a) The Recording / Composition Room will be provided with a Direct Visual Connection to the Main Studio.

1.12.9.3 Access and Security

- (a) The Recording / Composition Room will be directly accessible from the School's main circulation.

1.13 12.00 Drama Room

1.13.1 Overview

1.13.1.1 The Drama Room will allow students to develop stagecraft and acting skills while exploring communication-competencies.

1.13.2 Adjacencies

1.13.2.1 The Drama Room will be positioned adjacent the Multi-Purpose Space.

1.13.2.2 The Multi-Purpose Space’s Gathering Stair will serve as seating for an audience.

1.13.2.3 The Drama Room will be directly adjacent to the Music room, sharing the use of the Recording/Composition Room.

1.13.3 Access and Security

1.13.3.1 Main access to the Drama Room will be from the School’s main circulation.

1.13.3.2 Additional access will be provided by a vertically retracting wall to allow for a proscenium opening with the Drama Room acting as the stage and the Multi-Purpose Space.

Functional Program

Table 12.00-1

12.00 DRAMA ROOM		NET AREA	COUNT	TOTAL NSM
12.01	Black Box	220	1	220
12.02	Costume / Make-up / Props	24	1	24
12.03	Sound / Lighting Room	6	1	6
	Total Area Drama			250

Space Descriptions

1.13.4 12.01 Black Box

1.13.4.1 Overview

- (a) The Drama Room will function as a flat-floor black box theatre capable of accommodating moveable seating in various configurations.

- (b) The Black Box will be square or rectilinear, with dimensions of the space to accommodate 100 seats and a 6.0m X 6.0m stage area in both a directional and theatre-in-the-round configuration.
- (c) Theatre lighting will be provided on motorized lowerable booms (gantry) for lighting adjustment at floor level. Four lighting booms (gantry) will be aligned with each wall of the Black Box.
- (d) The Black Box will provide total blackout capability with all interior finishes painted black.
- (e) The Black Box will have a motorized curtains separating the space to create side and back stages / wings.
- (f) The Black Box will have a motorized curtain separating the front of the stage from the Multi-Purpose Space when the retracted wall is opened.
- (g) The rear wall of the Black Box will have a motorized cyclorama curtain to act as a projection screen.
- (h) The Black Box will have a vertically retracting wall connecting it to the Multi-Purpose Space for larger scale productions and presentations.
- (i) The Black Box will include ante spaces as a backstage, as well as access to the Costume / Make-up / Props room and Sound / Lighting Room.

1.13.4.2 Adjacencies

- (a) The Black Box will be directly adjacent to and opening onto the Multi-Purpose Space.
- (b) The Black Box will have direct access from School's main circulation through the backstage.
- (c) The Black Box will be adjacent to the Music Room.

1.13.4.3 Other

- (a) Provide AV/IT connectivity for connection to the sound system for microphones and amplifiers. Connections will be at both sides of the stage.
- (b) Provide AV/IT connectivity between the Black Box and the 12.03 Sound / Lighting Room.

1.13.5 12.02 Costume / Make-up / Props

1.13.5.1 Overview

- (a) Costume / Make-up / Props will be a room for storage of materials and costumes, and preparation for student performances.

1.13.5.2 Adjacencies and Access

- (a) The Costume / Make-up / Props room will have direct connection and access from both the Black Box and the School's main circulation.
- (b) The Costume / Make-up / Props room will be securable.

1.13.6 12.03 Sound / Lighting Room

1.13.6.1 Overview

- (a) The Sound / Lighting Room serves as a viewing / control room for productions in the Black Box theatre as well as space for education of students in lighting and sound production techniques.
- (b) Lighting / sound control capabilities will be run from the Sound / Lighting Room.
- (c) Additional lighting / sound control will be connected at the back of the Multi-Purpose Room as an occasional control centre for presentations and productions.

1.13.6.2 Adjacencies and Access

- (a) The Sound / Lighting Room will be directly adjacent and accessed from the Black Box theatre, with direct viewing through a large window.
- (b) The Sound / Lighting Room will be securable.

1.14 13.00 Dance Room / Yoga Studio

1.14.1 Overview

1.14.2 Adjacencies

1.14.2.1 The Dance Room / Yoga Studio will be located on the same floor as the Drama Room Department and the Music Room – Band / Choir department.

1.14.2.2 The Dance Room / Yoga Studio will be located near the Gymnasium Ancillary Space.

Functional Program

Table 13.00-1

13.00 DANCE ROOM / YOGA STUDIO		NET AREA	COUNT	TOTAL NSM
13.01	Main Studio	120	1	120
13.02	Storage Room	10	1	10
Total Area Music Dance / Yoga Room				130

Space Descriptions

1.14.3 13.01 Main Studio

1.14.3.1 Overview

(a) The Main Studio will provide a teacher station within the Main Studio at the front of the space.

1.14.3.2 Other

(a) Full height mirrors and dance barres will extend for the full length of two perpendicular walls.

1.14.4 13.02 Storage Room

1.14.4.1 Overview

(a) The Storage Room will provide millwork shelving to store yoga mats, bolsters, yoga blocks and an open area to store a portable tap floor.

(b) The Storage Room may have millwork within the Main Studio rather than a separate room.

1.14.4.2 Access and Security

- (a) The Storage Room will be accessed directly from the Main Studio.

1.15 14.00 Flex Classroom / Phys Ed / Performing Art Flex Studio

1.15.1 Overview

- 1.15.1.1 The Flex Classroom / Phys Ed / Performing Art Flex Studio will be a classroom that will be shared by various departments within the School.
- 1.15.1.2 The Flex Classroom / Phys Ed / Performing Art Flex Studio may be located on any level of the Building.

Functional Program

Table 14.00-1

14.00 FLEX CLASSROOM / PHYS ED / PERFORMING ART FLEX STUDIO		NET AREA	COUNT	TOTAL NSM
14.01	Studio / Classroom	75	1	75
	Total Area Flex Studio			75

Space Descriptions

1.15.2 14.01 Studio / Classroom

1.15.2.1 Overview

- (a) Requirements will match 22.02 Classroom with exceptions shown in Schedule 1 for additional IT / AV infrastructure to support hybrid/blended and distance learning.
- (b) The Studio / Classroom will be utilized as a flex space for the Gymnasium Activity Space and physical education.

1.15.2.2 Adjacencies

- (a) The physical education program requires access to the Flex Classroom / Phys Ed / Performing Art Flex Studio.
- (b) Direct adjacency to the Gymnasium Activity Space is not required.
- (c) If located on the second floor, the Studio / Classroom will be located in proximity to a stair for access to change rooms.
- (d) The Studio / Classroom will have a Direct Visual Connection to the Gymnasium Activity Space.

1.15.2.3 Access and Security

- (a) See 22.02 Classroom.

1.16 15.00 Visual Arts

1.16.1 Overview

- 1.16.1.1 Provide two visual arts studios for drawing, painting, clay, photography, sculpture, carving and printmaking activities with a shared centralized storage and support area.
- 1.16.1.2 Storage and support spaces will be centralized between Studio 1 and Studio 2.
- 1.16.1.3 The Visual Arts spaces may be on any level of the School.

Functional Program

Table 15.00-1

15.00 VISUAL ARTS		NET AREA	COUNT	TOTAL NSM
15.01	Studio 1			107
15.01a	Work Area	75	1	
15.01b	Printmaking	10	1	
15.01c	Project Storage	10	1	
15.01d	Not Used			
15.01e	Computer Station	4	1	
15.01f	Material Storage	8	1	
15.02	Studio 2			107
15.02a	Work Area	85	1	
15.02b	Computer Station	4	1	
15.02c	Project Storage	10	1	
15.02d	Not Used			
15.02e	Material Storage	8	1	
15.03	Pottery Support Centre			62
15.03a	Pottery Wheels	18	1	
15.03b	Kiln Area	5	1	
15.03c	Pottery Material Storage	8	1	
15.03d	Glaze Prep Area	3	1	
15.03e	Material Storage	8	1	
15.03f	Ceramic Project Storage	8	1	
15.03g	Office & Secure Material Storage	12	1	
15.04	Multi-Media Studio			100
15.04a	Work Area	90	1	
15.04b	Material Storage	6	1	
15.04c	Video Production w/ Green Screen	0	1	
15.04d	Project Storage	4	1	
	Total Area Visual Arts			376

Space Descriptions

1.16.2 15.01, 15.02 Studio 1, 2

1.16.2.1 Overview

- (a) Studio 1 and Studio 2 will be open learning environments made up of a number of unique areas.

1.16.3 15.01a, 15.02a Work Area

1.16.3.1 Overview

- (a) Studio 1 and Studio 2 will be generalized mixed-medium art studios for up to 30 students.
- (b) Studio 1 will include an air-brush booth, requiring direct ventilation.
- (c) Provide an open-backed display case for presentation of works into the main corridor of the School. The display case will have glass on the corridor side, and be no less than 2400w x 1524h x 610d. The display case will include adjustable glass shelving.

1.16.3.2 Adjacencies and Access

- (a) Studio 1 will be directly adjacent to Studio 2.
- (b) Studio 1 and Studio 2 will provide access to Pottery Support Centre.
- (c) Studio 1 and Studio 2 can be located on any floor.
- (d) Provide a Direct Visual Connection to the School circulation routes for viewing purposes.

1.16.4 15.01b Printmaking

1.16.4.1 Overview

- (a) Provide space for a printing press roller, printing press, silk-screening area and drying racks.

1.16.4.2 Adjacencies and Access

- (a) This space will be provided as a space within Studio 1.

1.16.5 15.01c, 15.02c Project Storage

1.16.5.1 Overview

- (a) Project Storage will be integrated into perimeter millwork, open to the Studio.
- (b) The Office & Secure Material Storage will be accessible only to Staff.

1.16.6 15.01e, 15.02b Computer Station

1.16.6.1 Overview

- (a) The Computer Station will provide a fixed millwork computer workstation within the Studio.

1.16.7 15.01f, 15.02e Material Storage

1.16.7.1 Overview

- (a) Material Storage will include perimeter millwork for the purposes of art supply storage.

1.16.8 15.03 Pottery Support Centre

1.16.8.1 Overview

- (a) The Pottery Support Centre will be a large room comprised of a number of spaces.

1.16.8.2 Access and Adjacency

- (a) The Pottery Support Centre will be located between Studio 1 and Studio 2, with direct access to each.
- (b) The Pottery Support Centre will be accessible from the School's main circulation.

1.16.9 15.03a Pottery Wheels

1.16.9.1 Overview

- (a) Pottery Wheels will be a separate support room within the Pottery Support Centre containing space for six pottery wheels, two kilns and material storage.
- (b) Provide two deep stainless steel art sinks and a floor mounted janitor's sink. Provide each sink with clay traps.

1.16.10 15.03b Kiln Area

1.16.10.1 Overview

- (a) Provide a secured area for two electric-fired kilns, with appropriate ventilation.
- (b) Provide appropriate fire resistant wall finishes.
- (c) Provide metal guard rails complete with gate openings to maintain safety separation around the kilns.

1.16.10.2 Access and Security

- (a) The Kiln Area will have a Direct Visual Connection to either Studio for instructor supervision.

1.16.11 15.03c Pottery Material Storage

1.16.11.1 Overview

- (a) The Pottery Material Storage will provide shelving for storage of dry ingredients, buckets of glaze and clay.

1.16.12 15.03d Glaze Prep Area

1.16.12.1 Overview

- (a) The Glaze Prep Area will provide space for work table and millwork cabinets for glaze material storage.

1.16.13 15.03e Material Storage

1.16.13.1 Overview

- (a) The Material Storage area will provide a designated area within the Pottery Support Centre for materials storage.

1.16.14 15.03f Ceramic Project Storage

1.16.14.1 Overview

- (a) The Ceramic Project Storage will provide a designated area within the Pottery Support Centre for in-progress ceramic project storage.

1.16.14.2 Adjacency

- (a) The Ceramic Project Storage can be an area outside of the Pottery Support Centre nearby the Kiln, between Studio 1 and Studio 2.

1.16.15 15.03g Office & Secure Material Storage

1.16.15.1 Overview

- (a) The Office & Secure Material Storage will provide a shared office for the art teachers, supporting two work stations and lockable millwork for materials and equipment.

1.16.15.2 Access and Security

- (a) The Office & Secure Material Storage will be accessed directly from both Studios and be located near the door to the Pottery Support Centre.

1.16.16 15.04 Multi-Media Studio

1.16.16.1 Overview

- (a) The Multi-Media Studio will provide a digital and multi-media studio associated with the arts department for digital media including photography.

1.16.16.2 Adjacency and Access

- (a) The Multi-Media Studio will be within the same area of the building as the 6.04 Design Hub / Maker Space to allow students to easily access both programs.

1.16.17 15.04a Work Area

1.16.17.1 Overview

- (a) The Work Area will provide an open area to serve as a digital photography production studio. The space will be adaptable for digital artwork and space for 30 students at individual work tables.
- (b) The Work Area will have perimeter black-out theatre curtains mounted 1.2m off all walls.
- (c) The Work Area will include two electrical outlets and one data connection per work table.

1.16.18 15.04b Material Storage

1.16.18.1 Overview

- (a) Material Storage will be a separate room accessible from the Multi-Media Studio.

1.16.19 15.04c Video Production with Green Screen

1.16.19.1 Overview

- (a) The space will be an open area shared with the Multi-Media Studio.
- (b) The space will include a green screen on one wall.

1.16.20 15.04d Project Storage

1.16.20.1 Overview

- (a) This space will be a separate room accessed from the Multi-Media Studio for storage of projects.

1.17 16.00 Home Economics (Textiles / Foods)

1.17.1 Overview

1.17.1.1 The two Foods rooms will be identical in function.

Functional Program

Table 16.00-1

16.00 HOME ECONOMICS		NET AREA	COUNT	TOTAL NSM
16.01	Textiles – <i>Included in Design Hub / Maker Space [6.04]</i>			0
16.01a	Work Area / Lab	0	0	
16.01b	Demo Area	0	0	
16.01c	Change Room	0	0	
16.01d	Storage	0	0	
16.02	Foods 1			103
16.02a	Lab	13	7	91
16.02b	Demo Kitchen	8	1	8
16.02d	Teacher	4	1	4
16.03	Foods 2			103
16.03a	Lab	13	7	91
16.03b	Demo Kitchen	8	1	8
16.03c	Teacher	4	1	4
16.04	Foods Shared Support Space			34
16.04a	Dry Food Storage	10	1	10
16.04b	Equipment Storage	10	1	10
16.04c	Cold Storage	10	1	10
16.04d	Laundry	4	1	4
	Total Area Home Economics			240

Space Descriptions

1.17.2 16.01 Textiles

1.17.2.1 Overview

- (a) The Textiles area will be shared with the Design Hub / Maker Space in the Learning Commons (Library) Department. Refer to the Learning Commons (Library) Department Design Hub section.

1.17.3 16.02, 16.03 Foods 1, 2

1.17.4 16.02a, 16.02b Lab

1.17.4.1 Overview

- (a) Each Lab will accommodate 28 students.
- (b) Each Lab will provide seven non-commercial student kitchens.

- (c) One student kitchen will include fully accessible counters, appliances, sinks and millwork.
- (d) Each kitchen station will accommodate four students.
- (e) Student kitchen workstations will be oriented around the perimeter of the room.
- (f) The kitchen table area will be in the centre of the room, with direct sightlines to the Demo Kitchen.
- (g) An alcove or niche will be created for a full sized upright refrigerator.

1.17.4.2 Adjacencies and Access

- (a) Each Foods room will be accessed directly from the School's main circulation.
- (b) Each kitchen will have cabinetry and counter work space and space for a table and chairs for four students.

1.17.5 16.02b, 16.03b Demo Kitchen

1.17.5.1 Overview

- (a) The Demo Kitchen will be a space for instruction by a teacher, with viewing angles for all students and an over-counter mirror and a large monitor connected to camera support over the cooking surfaces.
- (b) An alcove or niche will be created for a full sized upright refrigerator.
- (c) A kitchen island as work table will be provided opposite the refrigerator.

1.17.6 16.02d, 16.03d Teacher

1.17.6.1 Overview

- (a) The Teacher area will be a space within the Foods Lab for teacher preparation.
- (b) The Teacher area will include millwork for storage and appliances.

1.17.6.2 Adjacencies and Access

- (a) The Teacher area will be directly behind the Demo Kitchen, within the Foods room.

1.17.7 16.04 Foods Shared Support Space

1.17.7.1 Overview

- (a) The Foods Shared Support Space is a series of rooms (16.04a, 16.04b, 16.04c, 16.04d).

1.17.7.2 Adjacencies and Access

- (a) The Foods Shared Support Space will be shared between Foods 1 and 2. It will be accessed from both Foods 1 and 2.
- (b) Access to the Foods Shared Support Space will be nearby each Demo Kitchen, and Teacher space.
- (c) The Foods Shared Support Space will be accessible to students in the Foods Labs.

1.17.8 16.04a Dry Food Storage

1.17.8.1 Overview

- (a) The Dry Foods Storage will be a pantry shared by and accessed from both Foods rooms.
- (b) This room may be combined with 16.04b Equipment Storage provided the areas are designated separately and combine to the total aggregate areas for each space.
- (c) Provide pantry cupboards with adjustable shelves for storage for dishes, appliances, bake ware etc.
- (d) The Dry Foods Storage will be a separated room, without venting / ducting to remain rodent-proof.

1.17.9 16.04b Equipment Storage

1.17.9.1 Overview

- (a) This space will be a separate room within the Foods Shared Support Space with millwork and shelving for storage of kitchen equipment and small appliances.
- (b) This room may be combined with 16.04a Dry Food Storage provided the areas are designated separately and combine to the total aggregate areas for each space.
- (c) The Equipment Storage will be a room shared by and accessed from both Foods rooms.

1.17.10 16.04c Cold Storage

1.17.10.1 Overview

- (a) This room will be a separate room within the Foods Shared Support Space with multiple refrigerators and freezers.
- (b) The Cold Storage will be a room shared by and accessed from both Foods rooms.

1.17.11 16.04d Laundry

1.17.11.1 Overview

- (a) This space will be a separate room within the Foods Shared Support Space with laundry facilities for use by Staff.
- (b) This space will be provided with laundry appliances per Appendix 1F – Furniture, Fixtures & Equipment List.
- (c) The Laundry will be a room shared by and accessed from both Foods rooms.

1.18 17.00 Automotive / Mechanics

1.18.1 Overview

- 1.18.1.1 The goal for the Automotive / Mechanics shop will inspire students and provide opportunities for hands-on learning.
- 1.18.1.2 Not used.
- 1.18.1.3 Not used.
- 1.18.1.4 The Automotive / Mechanics shop will be designed for 30 students.
- 1.18.1.5 The Shop Area will be visible to students in main corridor through large glazed areas.
- 1.18.1.6 Hard-wired carbon monoxide sensors will be provided throughout the space.

1.18.2 Adjacencies

- 1.18.2.1 The Automotive / Mechanics Shop will be in the same area of the School as the TED Space, Woodworking and Metal Shop.

Functional Program

Table 17.00-1

17.00 AUTOMOTIVE / MECHANICS		NET AREA	COUNT	TOTAL NSM
17.01	Shop Area	50	1	50
17.02	Shop Area - Bays / Hoists	163	1	163
17.03	Shop Area - Equipment	20	1	20
17.04	Secure Storage	5	1	5
17.05	Storage	9	1	9
17.06	Office	6	1	6
17.07	Wash-up	2	1	2
	Total Area Mechanics Shop			255

Space Descriptions

1.18.3 17.01 Shop Area

- 1.18.3.1 Overview

- (a) The Shop Area will be used to provide perimeter work benches and storage for the overall department.
- (b) The Shop Area will be open to the Shop Area – Bays / Hoists and Shop Area – Equipment.
- (c) The Shop Area will be free of structural columns.
- (d) The Shop Area will be provided with natural daylight through glazing above 4m from the floor. Glazing will be north facing and/or shielded to protect from direct exposure to reduce glare and unwanted solar gains.
- (e) The Shop Area will be provided with high-level motorized louvers or motorized operable windows to allow for passive ventilation.
- (f) Provide blocking or backing in all walls above counter tops for installation of tool boards from counter to +1830mm.
- (g) The Shop Area will be provided with four compressed air connections, hard-piped to the compressor for connection to portable equipment.

1.18.4 17.02 Shop Area - Bays / Hoists

1.18.4.1 Overview

- (a) The Shop Area - Bays / Hoists will provide a flat floored area for automobile maintenance and car hoists.
- (b) Provide motorized overhead vehicle access doors to each of the four required bays.
- (c) Provide open floor space for six vehicles.

1.18.4.2 Adjacencies

- (a) The Shop Area – Bays / Hoists will be directly accessible to the exterior TED compound.
- (b) The Shop Area – Bays / Hoists will be open to the Shop Area and Shop Area – Equipment.

1.18.5 17.03 Shop Area – Equipment

1.18.5.1 Overview

- (a) The Shop Area – Equipment space will be an open area to the Bays / Hoists.
- (b) The Shop Area – Equipment space will be used for storing tools and a tire changing machine with appropriate clearances.
- (c) Provide blocking or backing in all walls above counter tops for installation of tool boards from counter to +1830mm.
- (d) The Shop Area – Equipment space will include a spray booth.

- (i) The spray booth will be a separate enclosed room no less than 15m² and will be provided with separate exhaust. This room will be shared with the 20.00 Metals department. The area for this spray booth room will be taken from either the 17.03 Shop Area or 20.00 Metals department without restricting these department's functionality.
- (ii) The spray booth will be located between and be directly accessible from both the 17.03 Shop Area – Equipment and the 20.00 Metals department without students walking through the other department or exiting into the School's corridors.

1.18.6 17.04 Secure Storage

1.18.6.1 Overview

- (a) Secure Storage will be a secured storage room with controlled access to tools and automotive parts.
- (b) Provide blocking or backing in all walls above counter tops for installation of tool boards from 915mm to 1830mm.

1.18.7 17.05 Storage

1.18.7.1 Overview

- (a) The Storage room will contain a compressor to run a pneumatic tool system.

1.18.8 17.06 Office

1.18.8.1 Overview

- (a) The Office will be a private office for the shop instructor, with space for one workstation and full height shelving on one side.

1.18.8.2 Adjacencies and Access

- (a) The Office will be a secured room with a Direct Visual Connection to each Shop Area.

1.18.9 17.07 Wash-up

1.18.9.1 Overview

- (a) The Wash-up area will be a linear space along the main path of travel for students to clean up before / during and after class.
- (b) Sufficient space will be provided for cueing of students without interrupting safe paths of travel.

1.18.9.2 Adjacencies

- (a) The Wash-up area will be adjacent to the entrance of the Automotive / Mechanics shop, and will contain two hand sinks and an emergency eye wash.
- (b) The Wash-up area will be open to the Shop Area, between the Shop Area and entrance to the Automotive / Mechanics shop.

1.19 18.00 TED Space – Robotics / Electronics and Design Hub

1.19.1 Overview

- 1.19.1.1 The TED Space – Robotics / Electronics and Design Hub is intended to inspire innovation and exploration related to activities in the trades and technology.
- 1.19.1.2 Provide an overhead door connection between the Robotics / Electronics and the Design Hub rooms.
- 1.19.1.3 The TED Space will be in the same area of the School as the Automotive / Mechanics, Woodworking and Metals shops.
- 1.19.1.4 The shop areas will be visible to students in main corridor through large glazed areas.

Functional Program

Table 18.00-1

18.00 TED SPACE - Robotics / Electronics & Design Hub		NET AREA	COUNT	TOTAL NSM
18.01	Shop Area - Robotics / Electronics	100	1	100
18.02	Shop Area - Design Hub	100	1	100
18.03	Material Storage	35	1	35
	Total Area TED Shop			235

Space Descriptions

1.19.2 18.01 Shop Area - Robotics / Electronics

1.19.2.1 Overview

- (a) The space will be an open central area, to accommodate moveable furniture and free floor space.
- (b) The Shop Area – Robotics / Electronics space will be used for teaching advanced electronics, as well as electrical wiring, including mock house wiring.

- (c) Work benches will be fixed in position in rows, with power and data provided via overhead cord reels.
- (d) Not used.
- (e) Not used.

1.19.2.2 Adjacencies

- (a) The Shop Area – Robotics / Electronics will be adjacent to the Material Storage and Shop Area - Design Hub.

1.19.3 18.02 Shop Area - Design Hub

1.19.3.1 Overview

- (a) The Shop Area – Design Hub will be a space to support computer aided design for 30 mobile computer workstations.
- (b) Provide space for a 3-D printer and CNC router in a separate, enclosed area, visible from the Shop Area - Design Hub and Shop Area - Robotics / Electronics. Provide one 1100mm wide door for access and a window to view the machines and students.
- (c) Provide blocking or backing in all walls above counter tops for installation of tool boards from counter to +1830mm.

1.19.4 18.03 Material Storage

1.19.4.1 Overview

- (a) The Material Storage space will be shared between the Design Hub and Robotics / Electronics areas.
- (b) Provide perimeter millwork shelving on all walls with a millwork shelving island in the central area. Shelving will occupy the room with 1220mm walk aisles between.
- (c) Provide blocking or backing in all walls above counter tops for installation of tool boards from counter to +1830mm.
- (d) The Material Storage space will incorporate an instructor's desk and high powered computer.

1.19.4.2 Adjacencies

- (a) The Material Storage space will be between the Design Hub and Robotics / Electronics.

1.20 19.00 Woodworking Shop

1.20.1 Overview

- 1.20.1.1 The Woodworking Shop will inspire students and provide opportunities for hands on learning.
- 1.20.1.2 The Woodworking Shop will be in the same area of the School as the Automotive / Mechanics and Metals Shops.
- 1.20.1.3 The Woodworking Shop will be designed for 30 students.
- 1.20.1.4 The Woodworking Shop area will be visible to students in main corridor through large glazed areas.

Functional Program

Table 19.00-1

19.00 WOODWORKING SHOP		NET AREA	COUNT	TOTAL NSM
19.01	Shop Area - Work Tables	74	1	74
19.02	Construction / Fabrication Space	74	1	74
19.03	Shop Area - Equipment	100	1	100
19.04	Finishing Room	24	1	24
19.05	Material Storage	25	1	25
19.06	Office	7	1	7
19.07	Project Storage	15	1	15
19.08	CNC Room	15	1	15
Total Area Wood Shop				334

Space Descriptions

1.20.2 Shop Area - Work Tables

- 1.20.2.1 Overview
 - (a) Provide space for 11 mobile work benches.
 - (b) Provide a fixed-location power quad outlet on upright post at each bench.
 - (c) Floor finish: The Shop Area - Work Table area will have a 19mm T&G plywood finish floor on 19mm plywood on a gasketed wood frame sleepers on the concrete slab.
 - (d) The Shop Area – Work Tables room will be free of structural columns.
 - (e) The Shop Area – Work Tables room will be provided with natural daylight through glazing above 4m from the floor. Glazing will be north facing and/or shielded to protect from direct exposure to reduce glare and unwanted solar gains.
 - (f) The Shop Area – Work Table room will be provided with high-level motorized louvers or motorized operable windows to allow for passive ventilation.

- (g) The Shop Area – Work Table room perimeter requires millwork counters and tool boards.
- (h) Provide blocking or backing in all walls above counter tops for installation of tool boards from counter to +1830mm.
- (i) The Shop Area – Work Tables will include a wash up area including two hand washing sinks and an eyewash station.

1.20.3 19.02 Construction / Fabrication Space

1.20.3.1 Overview

- (a) The Construction / Fabrication Space will be an open floor area for construction of trade mock-up structures.
- (b) The Construction / Fabrication Space will have an indoor lumber storage area of 3600W x 915D.
- (c) Flooring: The Fabrication area will have a 19mm T&G plywood finish floor on 19mm plywood on a gasketed wood frame sleepers on the concrete slab.
- (d) The Construction / Fabrication Space will be free of structural columns.

1.20.3.2 Adjacencies and Access

- (a) Provide a single 2400w x 3040h overhead garage door connecting the space to the TED Compound for material deliveries and movement of mock-ups between the shop and the compound.

1.20.4 19.03 Shop Area - Equipment

1.20.4.1 Overview

- (a) Flooring: The Shop Area - Equipment space will have a 19mm T&G plywood finish floor on 19mm plywood on a gasketed wood frame sleepers on the concrete slab.

1.20.4.2 Adjacencies and Access

- (a) The Shop Area - Equipment space will be open to the main shop space.
- (b) Provide blocking or backing in all walls above counter tops for installation of tool boards from counter to +1830mm.
- (c) The Shop Area – Equipment space will be free of structural columns.

1.20.4.3 Equipment

- (a) Provide floor space with appropriate clearance and safety zones for all equipment.

- (b) Provide an under floor or overhead dust collection system.

1.20.5 19.04 Finishing Room

1.20.5.1 Overview

- (a) The Finishing Room will be a separate room accessed from the Shop Area for the purposes of painting and spray finishing projects.

1.20.5.2 Equipment

- (a) The Finishing Room will have a spray booth, with a work bench to accommodate three work stations of larger pieces requiring finishing.
- (b) Provide appropriate ventilation and exhaust.
- (c) Provide disposable bins for used cleaning products.

1.20.6 19.05 Material Storage

1.20.6.1 Overview

- (a) The Material Storage room will provide an area for wood storage and general construction materials open to the main shop space.
- (b) Not used.

1.20.7 19.06 Office

1.20.7.1 Overview

- (a) The Office will be a private office for the shop instructor, with space for one workstation and shelving on one side.

1.20.7.2 Adjacencies and Access

- (a) The Office will be a secured area with a Direct Visual Connection to the Shop areas.

1.20.8 19.07 Project Storage

1.20.8.1 Overview

- (a) The Project Storage room will be a secure room for storage of in-progress student projects.
- (b) The Project Storage room will have full height partitions.

1.20.9 19.08 CNC Room

1.20.9.1 Overview

- (a) The CNC Room will hold a Computerized Numerical Control (CNC) machine.
- (b) Doors to the CNC Room will swing outward.
- (c) Doors to the CNC Room will have acoustic seals and be provided with automatic closers.

1.20.9.2 Adjacencies

- (a) The CNC Room will be adjacent to the School's circulation, with a window for visibility from both the circulation corridor and the Shop space.
- (b) The CNC Room will not be adjacent to the 19.06 Office.

1.21 20.00 Metals Shop

1.21.1 Overview

- 1.21.1.1 The Metals Shop will inspire students and provide opportunities for hands on learning.
- 1.21.1.2 The space will support welding, foundry activities and machining.
- 1.21.1.3 Shop area will be provided with natural daylight through glazing above 4m from the floor. Glazing will be north facing and/or shielded to protect from direct exposure to reduce glare and unwanted solar gains.
- 1.21.1.4 The Metals Shop will be provided with high-level motorized louvers or motorized operable windows to allow for passive ventilation.
- 1.21.1.5 Shops will be designed for 30 students.
- 1.21.1.6 Shop area will be visible to students in main corridor through large glazed areas.

Functional Program

Table 20.00-1

20.00 METALS SHOP		NET AREA	COUNT	TOTAL NSM
20.01	Shop Area - Equipment	90	1	90
20.02	Shop Area - Work Tables	110	1	110
20.03	Welding Booths	30	1	30
20.04	Forge / Foundry	20	1	20
20.05	Storage Area	23	1	23
20.06	Office	7	1	7
Total Area Metals Shop				280

Space Descriptions

1.21.2 20.01 Shop Area – Equipment

- 1.21.2.1 Overview
 - (a) The Shop Area – Equipment space will be an open area for floor standing shop equipment and mobile workbenches.
 - (b) Provide floor space with appropriate clearance and safety zones for all equipment.
 - (c) Provide ceiling-hung power for the centre of the room, and fixed power at perimeter spaces.

- (d) The Shop Area – Equipment space will include a spray booth.
 - (i) The spray booth will be a separate enclosed room no less than 10m² and will be provided with separate exhaust. This room will be shared with the 17.00 Automotive department.
 - (ii) The spray booth may be located within either the 17.03 Shop Area – Equipment or the 20.00 Metals department.

1.21.3 20.02 Shop Area - Work Tables

1.21.3.1 Overview

- (a) Provide space for 11 mobile work benches.
- (b) Provide a fixed-location power quad outlet on upright post at each bench.
- (c) The Shop Area – Work Table room will be free of structural columns.
- (d) The Shop Area – Work Table room perimeter requires millwork counters and tool boards.
- (e) Provide blocking in the wall above counter top for installation of tool boards.
- (f) Provide wall-mounted tool boards.
- (g) The Shop Area – Work Tables room will include a wash up area.

1.21.4 20.03 Welding Booths

1.21.4.1 Overview

- (a) Provide four individual welding booths, shielding gas by common manifold.

1.21.4.2 Equipment

- (a) A physical fire proof barrier is required between each welding booth. Booths will have fire proof material on their walls.
- (b) Provide UV protecting transparent curtains.

1.21.5 20.04 Forge / Foundry

1.21.5.1 Overview

- (a) Provide space with appropriate clearance for foundry equipment.
- (b) Grinding will occur in this area within protected grinding booths
- (c) Provide a Direct Visual Connection between the Forge / Foundry and the Shop Area – Work Tables.

- (d) The floor of the Forge / Foundry area will be fire brick.

1.21.6 20.05 Storage Area

- (a) The ground level Storage Area must be capable of holding 20,000lbs of steel in 4m lengths. A level concrete pad of 6m x 2m will be provided and demarcated. Storage will be vertical, against a wall, divided into 40 equal spacings.
- (b) Provide space to cut and divide metal materials.
- (c) Provide direct access through a 2400W x 3040H roll up door to the exterior.
- (d) The Storage Area will be able to be secured, with stored materials unable to be taken or fall when stored.
- (e) Not used.

1.21.7 20.06 Office

1.21.7.1 Overview

- (a) The Office will be a private office for the shop instructor, with space for one workstation and shelving on one side.

1.21.7.2 Adjacencies and Access

- (a) The Office will be a secured area with a Direct Visual Connection to the Shop areas.

1.22 21.00 Science Department

1.22.1 Overview

- 1.22.1.1 Provide a science departmental cluster with a Super Lab and six supporting Studios. Each Studio will contain a demonstration area. The Super Lab will be supported by a Prep / Storage room and a Chemical Storage shared space.

Functional Program

Table 21.00-1

21.00	SCIENCE DEPARTMENT	NET AREA	COUNT	TOTAL NSM
21.01	Science Theory Studios			450
21.01a	Studio 1	75	1	
21.01b	Studio 2	75	1	
21.01c	Studio 3	75	1	
21.01d	Studio 4	75	1	
21.01e	Studio 5	75	1	
21.01f	Studio 6	75	1	
21.02	Super Lab - Physics / Chemistry / Biology			390
21.02a	Super Lab	320	1	
21.02b	Prep / Storage 1	40	1	
21.02c	Not Used			
21.02d	Chemical Storage	10	1	
21.02e	Student Breakout Space	20	1	
	Total Area Science Department			840

Space Descriptions

1.22.2 21.01 Science Theory Studios

1.22.3 21.01a, 21.01b, 21.01c, 21.01d, 21.01e, 21.01f Studios 1, 2, 3, 4, 5, 6

1.22.3.1 Overview

- (a) Science Theory Studios will be open classroom spaces for teaching non-specific science courses.
- (b) Each Science Theory Studio will have a teacher demonstration table on a 305mm high raised platform. An adjustable mirror will be provided over the demonstration table.

1.22.3.2 Adjacencies

- (a) All Science Theory Studios will have direct access physical and a Direct Visual Connection to the Super Lab.
- (b) All Science Theory Studios will have access directly from the Super Lab - Physics / Chemistry / Biology.
- (c) All Science Theory Studios will be provided with perimeter lab storage and fixed lab benches.
- (d) All Science Theory Studios will include a teacher demonstration table with sink and required power, water and gas to support teaching Physics, Chemistry or Biology.

1.22.4 21.02 Super Lab - Physics / Chemistry / Biology

1.22.5 21.02a Super Lab

1.22.5.1 Overview

- (a) The Super Lab will be an open space to support the three sciences of Physics, Chemistry and Biology.
- (b) The Super Lab will be organized into three open areas, with lab tables with power, water, sinks and gas as required to support the three sciences.
- (c) Lab tables will accommodate 90 students, each with at least 915mm linear table space per student.
- (d) Students will work in pairs, sharing services at one location for two students.
- (e) Benching area will be visible to students in main corridor through large glazed areas to encourage cross-disciplinary interest.

1.22.5.2 Adjacencies and Access

- (a) The Super Lab will have two doors at opposite ends with direct access from the School's main circulation.
- (b) The Super Lab will have large glazed areas from the School's main circulation area for viewing of sciences by all students.
- (c) All Studios will have direct physical access and a Direct Visual Connection to the Super Lab.

1.22.6 21.02b Prep / Storage 1

1.22.6.1 Overview

- (a) The Prep / Storage 1 space will include two areas within a single room, for biology and chemistry storage, and for physics and general science storage.

1.22.6.2 Adjacencies and Access

- (a) The Prep / Storage 1 space will have access to the Chemical Storage room.
- (b) The Prep / Storage 1 space will be centralized between Studios to provide equal access to all areas of the Super Lab and Studios.

1.22.7 21.02d Chemical Storage – Shared

1.22.7.1 Overview

- (a) This space will be a secured room for safe storage for chemicals.
- (b) This room will include a double-sided fume hood, accessed from both the Chemical Storage room and the Super Lab.
- (c) The Chemical Storage perimeter requires lab millwork cabinetry, countertops and shelving.

1.22.8 21.02e Student Breakout Space with Kitchenette

1.22.8.1 Overview

- (a) The Student Breakout Space with Kitchenette will include a small kitchenette for student use.

1.22.8.2 Adjacencies and Access

- (a) The Student Breakout Space with Kitchenette will be an enclosed room near the Super Lab for student use.

1.23 22.00 Learning Communities

1.23.1 Overview

- 1.23.1.1 Classrooms will be arranged as modules of 100 students each with supporting spaces for each module. These modules, referred to as Learning Communities, will allow for stronger student-instructor relationships and to support social bubbles.
- 1.23.1.2 The Learning Communities will each be unique to allow for differentiated instruction.
- 1.23.1.3 Each Learning Community will have one GN Washroom, accessible from the main break-out space, four Classrooms and one Inclusive Education Resource Room 2. Additionally, each will contain a Breakout Space, a Kitchenette and a Storage Room.
- 1.23.1.4 Each Learning Community will be provided with two hand-washing sinks in addition to the kitchenette sink.
- 1.23.1.5 Learning Communities will be planned with the Breakout Space in the centre, with Classrooms opening onto them.

Functional Program

Table 22.00-1

22.00	Learning Communities (LC)	NET AREA	COUNT	TOTAL NSM
22.01	Flex Classroom	75	2	150
22.02	Classroom	75	15	1125
22.03	Exploration Classroom	75	5	375
22.07	Collaboration	15	5	75
22.08	Kitchenette	2	5	10
22.09	Learning Community Breakout Space*	75	5	375
	<i>*note: 22.09 is part of the 24.00 Design Space, shown here for clarity.</i>			
	Total Area Learning Communities			2110

Space Descriptions

1.23.2 22.01 Flex Classroom

- 1.23.2.1 Overview
 - (a) Flex Classrooms will be located on different levels.
 - (b) Flex Classrooms will provide general instruction space and be outfitted with AV equipment to allow for hybrid/blended learning.
 - (c) Flex Classrooms will meet the requirements outlined in 22.02 Classroom.

- (d) Flex Classrooms will not be located within Learning Communities.

1.23.3 22.02 Classroom

1.23.3.1 Overview

- (a) Provide three Classrooms per Learning Community.
- (b) Classrooms will be interdisciplinary and non-department specific.
- (c) At least one Classroom per Learning Community will be designed to facilitate vertical learning with dry-erase, writeable surfaces on all sides. Glazing may serve as a writing surface.
- (d) One Classroom per Learning Community will have privacy glazing, to obscure views into the room from the Learning Communities Break Out space. This Classroom will connect directly to an adjoining classroom. This will serve as a shelter space during emergency intruder or security events.
- (e) Classrooms will have whiteboard surfaces as outlined in Appendix 1F – Furniture, Fixtures and Equipment List, on two or more walls.

1.23.3.2 Adjacencies

- (a) All Classrooms will have Direct Visual Connections to the Learning Community Breakout Space.
- (b) One classroom will be able to be combined with the Exploration Classroom by way of a moveable partition.
- (c) Two Classrooms per Learning Community will open to the Learning Community with a retractable glass walls.

1.23.4 22.03 Exploration Classroom

1.23.4.1 Overview

- (a) Provide one Exploration Classroom per Learning Community.
- (b) The Exploration Classroom will serve as a mini-maker space for instructors to create flexible, hands-on learning environments.
- (c) The Exploration Classroom will include ceiling dropped power and data for eight stations throughout the room.
- (d) The Exploration Classroom will include three sinks within millwork at the perimeter of the room.

1.23.4.2 Adjacencies

- (a) The Exploration Classroom will have Direct Visual Connections to the Learning Community Breakout Space.

- (b) The Exploration Classroom will have an operable wall separating it from one Classroom.

1.23.5 22.07 Collaboration

1.23.5.1 Overview

- (a) The Collaboration room will be an adaptable, flexible space for student project work and private study.
- (b) Provide one Collaboration room per Learning Community.
- (c) The Collaboration room will accommodate up to eight students working independently or in a group.
- (d) The Collaboration room will include power and data connections for student use.

1.23.5.2 Adjacency

- (a) The Collaboration room will have glazed partitions and have a Direct Visual Connection to the Learning Community Breakout Space.

1.23.6 22.08 Kitchenette

1.23.6.1 Overview

- (a) The Kitchenette will be an open area for student use of microwaves and a sink.
- (b) The Kitchenette will be a centralized location for general waste, compost and recycling receptacles.

1.23.7 22.09 Learning Community Breakout Space

1.23.7.1 Overview

- (a) This area will be taken from the 24.00 Design Space allocation.
- (b) Learning Community Breakout Spaces will be centrally located with Classrooms arranged in a cluster around them.
- (c) Learning Community Breakout Spaces can be demarked from the main School's circulation through the use of low lockers providing work tops for student use but will be open and transparent to each other.
- (d) Net floor area will not include locker space.
- (e) The Learning Community Breakout Space will serve as an open informal instruction area and student collaboration space.

- (f) Two hand washing stations will be located at each Learning Community Breakout Space, as well as a drinking fountain / bottle filler located at the most central Learning Community location.

1.23.7.2 Adjacencies and Access

- (a) The Learning Community Breakout Space will provide access to the Classrooms, Inclusive Education Resource Room 2, Kitchenette, Collaboration room, GN Washroom, Teacher Prep room and Storage.
- (b) Classrooms will be arranged around, and open onto the Learning Community Breakout Space.

1.24 23.00 Mechanical / Electrical Service Space

1.24.1 Overview

1.24.1.1 The Mechanical / Electrical Service Space will be the 5% of overall GFA allocated under Ministry of Education’s Design Aid Sheet guidelines for building gross areas required for the School.

Table 23.00-1

23.00 MECHANICAL / ELECTRICAL SERVICE SPACE @ 5%		NET AREA	COUNT	TOTAL NSM
23.01	Electrical Room	As required		
23.02	Mechanical Room	As required		
23.03	Data Room	As required		
23.04	Fire Sprinkler System Room	As required		
23.05	Data Closets	As required		
Total Area Mechanical / Electrical Service Space				255

1.25 24.00 Design Space

1.25.1 Overview

1.25.1.1 The Design Space will be the 28% GFA area allocated under Ministry of Education’s Design Aid Sheet guidelines.

Functional Program

Table 24.00-1

24.00 DESIGN SPACE		NET AREA	COUNT	TOTAL NSM
24.01	Design Space @ 28%			
24.01a	Washrooms - Student and Staff	As Required		
24.01b	Stairs / Ramps & Elevator (plus Mach. Rm.)	As Required		
24.01c	Walls - Interior and Exterior wall thickness	As Required		
24.01d	Corridors with Lockers & Alcoves	As Required		
24.01e	Lobby	As Required		
24.01f	Janitor Closets / Housekeeping	As Required		
24.01g	Displays	As Required		
24.01h	Duct Risers	As Required		
24.01i	Shipping and Receiving	15	1	15
24.02	Not Used			
24.03	Core Expansion space*	-	-	-
	Total Area Design Space			2060**

**Note 1: allocated to departments throughout building*

***Note 2: 375 NSM of the Design Aid Sheet’s 28% design space allocation has been programmed for 22.09 Learning Communities.*

Space Descriptions

1.25.2 24.01a Washrooms - Student and Staff

1.25.2.1 Overview

- (a) Washrooms will be designed as Gender Neutral (GN) with full height framed or metal partitions.
- (b) Doors for cubicles will open outward from the stall.
- (c) Cubicles will be arranged around a shared sink area.
- (d) GN sink areas will be open and visible to the main building circulation.

- (e) Disperse individual staff washrooms throughout the School.
- (f) Provide one gender neutral washroom with access to the interior and directly to the exterior, nearby the Gymnasium Activity Space and Multi-Purpose Fields.
- (g) Provide one bottle fill station outside each main bank of GN washrooms.

1.25.3 24.01b Stairs / Ramps & Elevator (plus Mach. Rm.)

1.25.3.1 Overview

- (a) Provide a single elevator for access to all levels of the Building.

1.25.4 24.01c Walls - Interior and Exterior wall thickness

1.25.5 24.01d Corridors with Lockers & Alcoves

1.25.5.1 Overview

- (a) The main circulation corridor on the ground floor will be no less than 3.6m wide, clear.
- (b) All other corridors will be no less than 2.4m wide, clear unless noted otherwise.
- (c) Access corridors to building service spaces or non-student areas will be no less than 1524mm wide, clear.
- (d) Corridors are not required to have lockers or alcoves, however lockers and alcoves can be provided in main and secondary corridors.
- (e) Lockers are not to be provided on facing sides of a corridor.
- (f) Lockers are not to be provided in enclosed rooms or large designated locker areas.
- (g) Where alcoves are designed for social or collaboration space provide clear sightlines from circulation routes into the space. Spaces may be separated from circulation routes by half-height lockers with counter top covers and knee space on the alcove side.
- (h) A large alcove will be created on the ground floor, near the Multi-Purpose Space and the connection to the Gymnasium Activity Space to accommodate two freestanding rock climbing MoonBoards. Provide a minimum clear space of 4860d x 2440w x 3554h and 4860d x 2440w x 3700h. Ceiling height will be no less than 4m clear and will be GWB. See Appendix 1F – Furniture, Fixtures and Equipment List.

1.25.6 24.01e Lobby

1.25.6.1 Overview

- (a) The School will be provided with a central entry Lobby with clear visibility from the Administration Department for security monitoring purposes.
- (b) The Lobby will be clearly visible from the exterior of the Building and the main entry plaza space.
- (c) The Lobby will have clear sightlines into the Multi-Purpose Space and the Learning Commons.

1.25.7 24.01f Janitor Closets / Housekeeping

- (a) Janitor Closets will be distributed throughout the School with a minimum of two per floor, with one located adjacent to the GN washrooms.

1.25.8 24.01g Displays

- (a) Develop distinctive display elements for each of the following areas:
 - (i) Science Department;
 - (ii) Visual Arts;
 - (iii) Drama;
 - (iv) Gymnasium;
 - (v) Each Learning Community;
 - (vi) Each Shop (Metals, Woodworking, Automotive/Mechanics);
 - (vii) Indigenous Education;
 - (viii) Administration;
 - (ix) Learning Commons (Library); and
 - (x) Music.

1.25.9 24.01h Duct Risers

1.25.9.1 Overview

- (a) Space will be provided for mechanical, plumbing and electrical duct risers between floors.

1.25.10 24.01i Shipping and Receiving

1.25.10.1 Overview

- (a) The Shipping and Receiving room will be used for supply delivery and waste handling.

1.25.10.2 Adjacency

- (a) The Shipping and Receiving room will be directly adjacent to at grade loading.

1.25.10.3 Access and Security

- (a) The Shipping and Receiving room will be accessible only to Staff.

1.25.11 24.03 Core Expansion space

1.25.11.1 Overview

- (a) The Core Expansion Space will be an allowance for the School's future growth, per the Ministry of Education's Design Aid Sheet. This area has been distributed within the Functional Program into other programs, with the majority of the space dedicated to Inclusive Education.

Part 2 - Neighbourhood Learning Centre

The Neighbourhood Learning Centre will provide specialized areas, on level 1 of the Building, for use by both the community and students. Refer to the space descriptions and functional program below.

1.26 25.00 Health and Wellness Centre

1.26.1 Overview

- 1.26.1.1 Through health, education, and community partnerships, the Health and Wellness Centre is modeled to develop accessible wellness and youth medical services to both Cowichan Secondary School students and the community.
- 1.26.1.2 The Health and Wellness Centre will facilitate early intervention for health and lifestyle needs and concerns.
- 1.26.1.3 The Health and Wellness Centre will provide normalized access to mental health services.
- 1.26.1.4 The space will provoke a sense of belonging, privacy and agency.

1.26.2 Access and Security

- 1.26.2.1 The Health & Wellness Centre will be accessible both from the exterior for community users, and from the interior of the School for students.
- 1.26.2.2 The Health & Wellness Centre will be located on the ground floor.

Functional Program

Table 25.00-1

25.00	HEALTH & WELLNESS CENTRE	NET AREA	COUNT	TOTAL NSM
25.01	Waiting Area / Lounge	22	1	22
25.02	Reception	4	1	4
25.03	Open Office Area	40	1	40
25.04	Exam & Counselling Room	12	4	48
25.05	Not Used	-	-	-
25.06	Not Used	-	-	-
25.07	Not Used	-	-	-
25.08	Not Used	-	-	-
25.09	Small Group Counselling Room	12	1	12
25.10	Not Used	-	-	-
25.11	File Room	5	1	5
25.12	Large Group Counselling Room	20	1	20
25.13	Clean Utility Room	15	1	15
25.14	Storage Room	6	1	6
25.15	Staff Washroom	-	1	-

25.16	Client Washroom	-	1	-
25.17	Equipment Storage	8	1	8
25.18	Data Closet	-	1	-
25.19	Clinic Coordinator/Manager Office	10	1	10
	Total Net Area Health & Wellness Centre			190

Space Descriptions

1.26.3 25.01 Waiting Area / Lounge

1.26.3.1 Overview

- (a) The Waiting Area / Lounge will be an open space for up to six visitors.
- (b) The Waiting Area / Lounge will include a kitchenette.
- (c) The Waiting Area / Lounge will have natural light and be similar to a living room environment.

1.26.3.2 Adjacencies and Access

- (a) The Waiting Area / Lounge will be welcoming and inviting with direct access from the Site and secondary access from the School.
- (b) The Waiting Area / Lounge will provide direct access to the Reception and Medical Office.

1.26.4 25.02 Reception

1.26.4.1 Overview

- (a) The Reception area will be open and inviting. The receptionist is responsible for the control of the entire Health and Wellness Centre Department.

1.26.4.2 Access and Security

- (a) There will be a workstation in the Reception area. A staff member at this station will control the traffic flow of all people in and out of the Health and Wellness Centre.
- (b) The Reception area will be the control point managing access to the examination and counselling rooms.

1.26.5 25.03 Open Office Area

1.26.5.1 Overview

- (a) The Open Office Area will accommodate four open workstations for medical Staff.

1.26.5.2 Access and Security

- (a) The Open Office Area will be behind a secured boundary within the Health and Wellness Centre, for use by medical Staff, not accessible by visitors.

1.26.6 25.04 Exam & Counselling Room

1.26.6.1 Overview

- (a) The Exam & Counselling Room will be a private room for counselling, medical procedures and examinations.
- (b) The spaces will accommodate Murphy bed examination tables.
- (c) Provide millwork and counter space for medical supplies equipment.

1.26.7 25.09 Small Group Counselling Room

1.26.7.1 Overview

- (a) The Small Group Counselling Room will accommodate 5-6 people.
- (b) The Small Group Counselling Room space will be acoustically private.
- (c) The Small Group Counselling Room will have a non-fixed central table, which will be provided with power and data connections at the floor.

1.26.7.2 Adjacencies

- (a) The Small Group Counselling Room will be on the clinical side of the Health & Wellness Centre.

1.26.8 25.11 File Room

1.26.8.1 Overview

- (a) The File Room will provide lockable storage within a secure room accessible behind the secure line created by the Reception Desk.

1.26.9 25.12 Large Group Counselling Room

1.26.9.1 Overview

- (a) The Large Group Counselling Room will accommodate 10 – 12 people.
- (b) The Large Group Counselling Room space will be acoustically private.

- (c) The Large Group Counselling Room will have a non-fixed central table, which will be provided with power and data connections at the floor.

1.26.9.2 Adjacencies

- (a) The Large Group Counselling Room will be on the clinical side of the Health & Wellness Centre.

1.26.9.3 Access and Security

- (a) The Large Group Counselling Room will have two doors with distinct exits.

1.26.10 25.13 Clean Utility Room

- (a) The Clean Utility Room will be used for material, sample, and equipment storage.
- (b) The Clean Utility Room includes a number of appliances for sample and medical supply storage.

1.26.10.2 Access and Security

- (a) The Clean Utility Room will be adjacent to the main clinical area of the Health & Wellness Centre
- (b) The Clean Utility Room will be a secure storage room with full height partitions.

1.26.11 25.14 Storage Room

1.26.11.1 Overview

- (a) The Storage Room will be a general, secure storage room with full height partitions.

1.26.12 25.15 Staff Washroom

1.26.12.1 Overview

- (a) The Staff Washroom will be a gender neutral washroom.
- (b) Area is allocated from the Design Space allocation.
- (c) The Staff Washroom will be located on the clinical side of the Reception area.

1.26.13 25.16 Client Washroom

1.26.13.1 Overview

- (a) The Client Washroom will be designed as gender neutral.

1.26.13.2 Adjacencies

- (a) The Client Washroom will be located between the Waiting Area and the Clinical side of the Reception area, for use by patients for sample collection and for visitor's use.

1.26.14 Equipment Storage

1.26.14.1 Overview

- (a) The Equipment Storage room will be a secure storage room with full height partitions and millwork storage for diagnostic and medical equipment.

1.26.15 25.18 Data Closet

1.26.15.1 Overview

- (a) The Data Closet will be a secured room for communication racks for the Health & Wellness Centre.
- (b) The Data Closet will have full height partitions.
- (c) The Data Closet will provide separate network connectivity for the Island Health Authority.

1.26.16 25.19 Clinic Coordinator / Manager Office

1.26.16.1 Overview

- (a) The Clinic Coordinator / Manager Office will be a private office associated with the Open Office Area.

1.26.16.2 Adjacency

- (a) The Medical Office will be located with direct access to the Open Office Area.

1.27 26.00 Indigenous Language & Culture Centre

1.27.1 Overview

- (a) The Indigenous Language & Culture Centre department will be the heart of the NLC. It provides an opportunity to support and witness intergenerational cultural learning.

1.27.2 Access and Security

- (a) The Indigenous Language & Culture Centre will be accessible from both the exterior and from the main circulation of the School.
- (b) The main ceremonial entrance to the Indigenous Language & Culture Centre will be oriented to the south, towards the river.

Functional Program

Table 26.00-1

26.00 INDIGENOUS LANGUAGE & CULTURE CENTRE		NET AREA	COUNT	TOTAL NSM
26.01	Gathering Place / Longhouse / Meeting Place / Learning Space	200	1	200
26.02	Elders' Space	18	1	18
26.03	Kitchen	25	1	25
26.04	Audio Recording Room	7	1	7
26.05	Not Used	-	-	-
26.06	Chair & Table Storage	12	1	12
26.07	Storage Room	8	1	8
Total Net Area Indigenous Language & Culture Centre				270

Space Descriptions

1.27.3 26.01 Gathering Place / Longhouse / Meeting Place / Learning Space

1.27.3.1 Overview

- (a) The Gathering Place / Longhouse / Meeting Place / Learning Space will be a large open space, with interior design inspired by traditional long house concepts.
- (b) The Gathering Place / Longhouse / Meeting Place / Learning Space will have a maximum occupancy of 200 people.
- (c) The Gathering Place / Longhouse / Meeting Place / Learning Space will have retractable tiered seating on opposite sides of the room capable of seating at least 80 people and a fixed 'home seating' at the entry wall capable of seating at least 20 people, with 915mm provided per seat.

- (d) Retractable seating will allow for open floor space for round 6-person tables and chairs to accommodate up to 150 people.
- (e) The Gathering Place / Longhouse / Meeting Place / Learning Space will have wood-plank finishing on the walls.
- (f) The Gathering Place / Longhouse / Meeting Place / Learning Space will provide teaching space for high school students, post-secondary students and families.
- (g) The Gathering Place / Longhouse / Meeting Place / Learning Space will be used for presentations and ceremonies.

1.27.3.2 Adjacencies and Access

- (a) The Gathering Place / Longhouse / Meeting Place / Learning Space will be directly adjacent to, and accessible from the Entry Plaza.
- (b) The Gathering Place / Longhouse / Meeting Place / Learning Space will be a private space, without ability for people to view into for privacy during ceremonies.
- (c) The main ceremonial doors to the Gathering Place / Longhouse / Meeting Place / Learning Space will face south, towards the river.
- (d) Secondary main feature doors will be connected directly to the School's main circulation or entry lobby.

1.27.4 26.02 Elders' Space

1.27.4.1 Overview

- (a) The Elders' Space celebrates that language is the foundation of all learning. Language and culture are inextricably linked.
- (b) The Elders' Space will provide a daily meeting space for Elders, as language carriers.
- (c) The area will be comfortable and relaxed, with soft furnishings similar to a residential living room.

1.27.4.2 Adjacencies

- (a) The Elders' Space will have an adjoining GN accessible washroom.
- (b) The Elders' Space will be a distinctly designed area, open to the Kitchen, rather than an enclosed room.

1.27.5 26.03 Kitchen

1.27.5.1 Overview

- (a) The Kitchen will be a large, non-commercial kitchen for use in preparing community meals.

- (b) The Kitchen will be utilized by both the Indigenous Language and Culture Centre, and the School.
- (c) The Kitchen will provide preparation work counters, with storage below and wall hung cabinetry above. Work islands may be developed. Millwork will provide storage of cooking utensils, cutlery and crockery.
- (d) Provide a servery counter with securable opening, open to the Gathering Place / Longhouse / Meeting Place / Learning Space.
- (e) The Kitchen will be zoned into preparation area, a cooking area, a plating area, a servery area, and a clean-up area. Millwork will be provided to store both food and crockery.

1.27.5.2 Adjacencies and Access

- (a) The Kitchen will be directly adjacent and servicing the Gathering Place / Longhouse / Meeting Place / Learning Space.
- (b) The Kitchen will be located near to the access from the School's main circulation corridor.
- (c) The Kitchen will include the Elder's Space.

1.27.6 26.04 Audio Recording Room

1.27.6.1 Overview

- (a) A room connected to the Elder's Space, for the purposes of audio recording of traditional languages.

1.27.6.2 Adjacencies and Access

- (a) The Audio Recording Room will be directly accessible from the Elder's space.
- (b) The Audio Recording Room will be a securable room.

1.27.7 26.06 Chair & Table Storage

1.27.7.1 Overview

- (a) Chair and Table Storage will be a separate room for the storage of 100 stackable chairs, and 7 six-person round tables.

1.27.7.2 Adjacencies

- (a) This space will be close to the Gathering Place / Longhouse / Meeting Place / Learning Space.
- (b) The door to the Chair & Table Storage room will not open directly onto the Gathering Place / Longhouse / Meeting Place / Learning Space.

1.27.8 26.07 Storage Room

1.27.8.1 Overview

- (a) The Storage Room will provide secure storage for indigenous crafts materials, and cultural artifacts.
- (b) The Storage Room will have full height partitions.

1.27.8.2 Adjacencies

- (a) The Storage Room will be close to the Gathering Place / Longhouse / Meeting Place / Learning Space.
- (b) The door to the Storage Room will not open directly onto the Gathering Place / Longhouse / Meeting Place / Learning Space.

1.28 27.00 NOT USED

1.29 28.00 SD79 Facilitation Space

1.29.1 Overview

1.29.1.1 The SD79 Facility Space Department will be a flexible, high tech meeting space intended for community NLC and school board use.

Functional Program

28.00 SD79 FACILITATION SPACE		NET AREA	COUNT	TOTAL NSM
28.01	High Tech Board Room	83	1	83
28.02	Kitchen	7	1	7
Total Net Area SD79 Facilitation Space				90

Space Descriptions

1.29.2 28.01 High Tech Board Room

1.29.2.1 Overview

- (a) The High Tech Board Room will accommodate 40 people seated in rows.
- (b) A central table will be utilized for meetings of up to 12 people.
- (c) The High Tech Board Room will be utilized for hybrid/blended learning, with connections through video support to other schools and boardrooms.

- (d) Tables to be provided with power supply and data connections through in-floor receptacles connected to the central table.
- (e) The High Tech Board Room will have full presentation capabilities. See Schedule 1 – Statement of Requirements.

1.29.2.2 Adjacencies

- (a) There will be access to the High Tech Board Room from the School side and the NLC vestibule.

1.29.3 28.02 Kitchen

1.29.3.1 Overview

- (a) The Kitchen will provide a single-sided millwork open kitchen. The Kitchen will be open to the High Tech Board Room.

1.29.3.2 Adjacencies

- (a) The Kitchen will be directly adjacent to the High Tech Board Room.

1.30 29.00 Design Space

1.30.1.1 Overview

- (a) The Design Space will be the area allocated under the Ministry of Education’s Design Aid Sheet guidelines for building gross areas required for the Building.
- (b) See 24.00 for space descriptions.
- (c) Any additional design space will be allocated to the Gathering Place / Longhouse / Meeting Place / Learning Space.

Functional Program

Table 29-1

29.00 DESIGN SPACE (NLC)		NET AREA	COUNT	TOTAL NSM
29.01	Design Space			155
29.01a	Washrooms - Student and Staff	As required		
29.01b	Stairs / Ramps & Elevator (plus Mach. Rm.)	As required		
29.01c	Walls - Interior and Exterior wall thickness	As required		
29.01d	Corridors & Alcoves	As required		
29.01e	Lobby	As required		
29.01f	Janitor Closets / Housekeeping	As required		
29.01g	Displays	As required		
29.01h	Duct Risers	As required		
	Total Area Design Space			155

PART 3 – EXTERIOR SPACES

1.31 30.00 Exterior Areas

PART 3 – EXTERIOR SPACES		Net Square Metres (NSM)
30.01	Entry Plaza	295
30.02	Basketball Court	620
30.03	Landscaped Plaza	295
30.04	Outdoor Classroom 1	80
30.05	Outdoor Classroom 2	60
30.06	Multi-Purpose Field	7,655
30.07	TED Compound	770
30.08	Indigenous Outdoor Plaza	60
Total Gross		9,835

		Linear Metres (LM)
30.09	Running Path	900

1.31.1 30.01 Entry Plaza

1.31.1.1 Overview

- (a) The Entry Plaza will be a flat, contiguous open-air hardscaped area at the front entrance to the School.

1.31.1.2 Adjacencies

- (a) The Entry Plaza will be visible from entry to the Site.

1.31.1.3 Access and Security

- (a) Location and configuration of Entry Plaza will provide access to the main School entry and Indigenous Language and Culture Centre. Orientation of the Entry Plaza will permit visual supervision from the Administration Department.

1.31.2 30.02 Basketball Court

1.31.2.1 Overview

- (a) A two-netted recreational sized basketball court for recreational use matching those of basketball courts in Gym A.

1.31.2.2 Adjacencies

- (a) The Basketball Court will be adjacent to the Gymnasium Activity Space.
- (b) The Basketball Court will be located at least 25m away from any classroom, Learning Commons, Counselling, Administration, and the Indigenous Language and Culture Centre.

1.31.2.3 Access and Security

- (a) The Basketball Court will be accessed from the outdoors. Direct access from the Gymnasium Activity Space is not required.

1.31.3 30.03 Landscaped Plaza

1.31.3.1 Overview

- (a) The Landscaped Plaza will be a contiguous open air landscaped and hardscaped area at the rear of the School sized to accommodate 120 people.
- (b) The Landscaped Plaza will be provided with five points of power at the perimeter and sufficient Wifi access for 40 devices.

1.31.3.2 Adjacencies

- (a) The Landscaped Plaza will be directly adjacent to the Multi-Purpose Space.

1.31.3.3 Access and Security

- (a) The Landscaped Plaza will be accessed directly from the Multi-Purpose Space and Learning Commons by way of sets of double doors. No security is required for the plaza.

1.31.4 30.04 Outdoor Classroom 1

1.31.4.1 Overview

- (a) Outdoor Classroom 1 will be an open-air space for gathering and class engagement.
- (b) The space will accommodate a class of 36 students in a constructed circular seating arrangement.
- (c) Outdoor Classroom 1 will be provided with five points of power at the perimeter and sufficient Wifi access to facilitate a class.

1.31.4.2 Adjacencies

- (a) Outdoor Classroom 1 will be directly accessible from the Learning Commons.

1.31.4.3 Access and Security

- (a) Outdoor Classroom 1 will be accessible to wheelchair users directly from the Learning Commons.

1.31.5 30.05 Outdoor Classroom 2

1.31.5.1 Overview

- (a) Outdoor Classroom 2 will be an open-air space for gathering and class engagement.
- (b) The space will accommodate a class of 25 students in a constructed circular seating arrangement.

1.31.5.2 Adjacencies

- (a) Outdoor Classroom 2 will be directly accessible and adjacent to the School.

1.31.5.3 Access and Security

- (a) Outdoor Classroom 2 will be provided with five points of power and sufficient Wifi access to facilitate a class.
- (b) If Outdoor Classroom 2 is located on a roof surface, the patio will have planters or other fixed elements to not allow students within 2m of the edge of the roof surface.
- (c) Outdoor Classroom 2 will be accessible to wheelchair users.
- (d) Outdoor Classroom 2 will be secured after school hours.

1.31.6 30.06 Multi-Purpose Field

1.31.6.1 Overview

- (a) The Multi-Purpose Field will include:
 - 1. a grass field to facilitate soccer and rugby games; and
 - 2. a flat open air space with clearance surrounding to facilitate spectators and team sidelines.
- (b) The Multi-Purpose Field will have a berm for sound isolation and spectator use along the side facing the Trans-Canada Highway.
- (c) The Multi-Purpose Field will have permanently installed, regulation size and quality rugby goal posts.
- (d) The Multi-Purpose Field will accommodate regulation-sized rugby games.

- (e) Exterior lighting is not required.
- (f) The Multi-Purpose Field will be provided with drainage and material suitable for year-round use.

1.31.6.2 Adjacencies

- (a) The Multi-Purpose Field will be adjacent to the Basketball Courts.

1.31.6.3 Access

- (a) The Multi-Purpose Field will be accessible via sidewalks and hard packed pathways.

1.31.7 30.07 TED Compound

1.31.7.1 Overview

- (a) The TED Compound services outdoor requirements of the technical education departments, namely the Woodworking, Metals and Automotive/Mechanics shops.
- (b) The TED Compound will have a 4.75m high fenced securing its perimeter.
- (c) The TED compound will include a covered area of no less than 120NSM.
- (d) The covered area will be no less than 6m deep from the Building face.
- (e) The covered area will be no less than 4.75m clear to the underside.

1.31.7.2 Adjacencies

- (a) The TED Compound will be directly adjacent to the Automotive/Mechanics and Woodworking shops.
- (b) The outdoor covered area will be directly adjacent to the Automotive/Mechanics and Woodworking shops.

1.31.7.3 Access and Security

- (a) The TED Compound will be visually concealed from view by way of landscaping and fencing.
- (b) The fenced area will be provided with a secured gate no less than 4m wide.
- (c) The fenced area will accommodate vehicle access to the Automotive/Mechanics shop.
- (d) The TED Compound will enclose the Woodshop dust collection system, which will be inside the secured area of the fenced area.

1.31.8 Indigenous Outdoor Plaza

1.31.8.1 Overview

- (a) The Indigenous Outdoor Plaza will be a hardscaped exterior area for student gathering and teaching, on the ground or as an accessible roof patio.
- (b) The Indigenous Outdoor Plaza will have plant selections focused on a traditional First Nations plant palettes of edible and/or medicinal plants and herbs.

1.31.8.2 Access and Adjacencies

- (a) The Indigenous Outdoor Plaza will be accessible to all students, with direct access from 9.00 Indigenous Education desired but not required.
- (b) The Indigenous Outdoor Plaza will be directly adjacent to the School.

1.31.9 30.09 Running Path

1.31.9.1 Overview

- (a) The Running Path will be a hard-packed trail for the purposes of running / walking.
- (b) The Running Path will be designed with changes in elevation and areas to support exercise equipment.
- (c) The Running Path will be 2.1m width minimum except where shared with bikeway (3.0m).
- (d) The Running Path will be designed with designated areas of rest.
- (e) The Running Path will include an area outside the Site boundary for community shared use as an accessible route along the Trans-Canada Highway.

1.31.9.2 Adjacencies

- (a) The Running Path will encircle the Site.

1.31.9.3 Access and Security

- (a) The Running Path will not include any slopes greater than 1:16 unless hills are provided for climbing, with a 1:16 slope alternative accessible path adjacent.