Each of the rooms and spaces listed in this Table 1 require equipment; however, the Design-Builder shall be responsible to determine the nature of all such equipment and shall be responsible for the impact on design and function of the applicable room or space, the requirements of this Schedule 1 Statement of Requirements and Good Industry Practice. This Table 1 is not intended to be exhaustive of the equipment. The Design-Builder shall determine whether there is any additional equipment required by the Owner.

LEGEND	
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI	OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI	OWNER SUPPLIED OWNER INSTALLED

Notes:

Facility room names and Facility room numbers used in this Appendix refer to departments, room names and numbers set out in the Functional Program. Equipment list to be read in conjunction with Appendix 1A Functional Program and Appendix 1B Room Data Sheets.

		1		Deteile.								Flantsiani					Dl				A:		.la.aat	Dankina	ı	Ci-i		
Existing		Location		Details								Electrical					Plumbin	g I	Ga	s	Air	E.	khaust	Backing		Sizing		
Facility Room	Existing Facility	New Facility	New Facility Program Room			Photo				Emerg.						Cold I	lot D	irect	Ind.					Mounting/				
No.	Room Name	Program No.	Name	Equipment Name	Category	reference	QTY	Manufacturer Model	Specification	Power	Amps	Volts Phase	Cycle	Direct	Plug \	Water W	ater D	rain I	Drain Ga	s BTUH		CFM	Venting	backing	Length	Width	Height	Weight
				1.0 Commons																								
		1.02	Servery	refer to Kitchen equip list.																								
							21,0000																					
		1.11	Reading Area	Fixed stationary library shelving	OSOI		books																		1220 mm		1220 mm	
	Media Centre		Media Centre																									
	office/ workroom	1.13	office/workroom	Photocopier	OSOI		1				20 amp												Yes					
			Media Centre	25	0001																		.,					
		1.13	office/workroom	3D printer	OSOI		1																Yes	1				
		1.14	Doolyroom	Fixed stationary library sholying	OSOI		10000 books																					
l		1.14	Bookroom	Fixed stationary library shelving	USUI		10000 books																					
			T	2.0 The Arts	1	1	T	T 1	1	1	1	1	_	1 1					-	-		1			T T		1	
		2.01	Theatre	Fixed raked seating	CSCI		270+																					
-		2.01	Theatre	soft cyclorama	OSOI CSCI		2		_				-								-							-
-		2.01	Theatre Theatre	front drape/curtain + rigging catwalk	CSCI		1		+															+				
		2.01	Stage/wings	rigging rails (fly)	CSCI		1						+								-			1		19.5 mm dia.		+
		2.02	Stage/wings Stage/wings	back curtain + rigging	CSCI		1																			19.5 mm dia.		+
		2.02	Stage/wings	side curtain + rigging	CSCI		2																					
		2.02	Stage/wings	lighting grid/rails	CSCI		4																					
		2.03	Control booth	control booth equipment	OSOI																							
		2.03	Control booth	light board	OSOI		1	ETC Ion																				
				_																								
		2.03	Control booth	sound board	OSOI		1	Yamaha QL5																				
		2.03	Control booth	microphones	OSOI																							
			Drama classroom/black																									
		2.04	box	pipe lighting grid	CSCI		4																	yes	1500 mm	1500 mm		
			Drama classroom/black				_																					
		2.04	box	motorized hoist	CSCI		1		1 ,															yes				
			Donate de contra de la colonia						black c/w																			
		2.04	Drama classroom/black	curtains I tracking (all walls)	CSCI		4		hooks and rail															1105				
		2.04	box Gender/neutral make	curtains + tracking (all walls)	CSCI		4		Tall															yes				
		2.08	up/dressing room	mirrors	CSCI																			yes				
		2.10x	Dance studio	mirror	CSCI		1																	yes	14000 mm		4267 mm	
		2.10x	Dance studio	lighting grid/rails	CSCI		4																	yes	2100011111		1207 11111	1
		2.12	Ticket box office	Cash register	OSOI				1	1	1		1								t			,				
		2.15	Band storage	Free standing shelving	CSCI					İ																		
		2.16	Choir/Orchestra Storage	Choir risers	OSOI																							
		2.16	Choir/Orchestra Storage	Chair storage	OSOI																							
		2.16	Choir/Orchestra Storage	Ÿ	OSOI																							
		2.17	Shared music storage	instrument storage	OSOI																							
		2.17	Shared music storage	chair storage	OSOI		<u> </u>		-	<u> </u>	1		-								1	1		1				
		2.18	Practice room	Prefabricated unit	CSCI CSCI		1		1	1	1		+								1	1		1				
		2.19 2.20x	Practice room Recording studio	Prefabricated unit Equipment	OSOI		1		-	-	1		-	 						-	 	1		 				-
		2.2UX	necorally stadio	Prefabricated paint spray	USUI				1	1	1		+	+	-						1	+ +		+				
		2.31	Art Studio	desktop booth	OSOI		1																yes	no				
		2.31	Art Studio	Track mounted lighting	CSCI		4		1	 	1		+	+ +							1	+ +	703	yes				
		2.31	Art Studio	Artwork wall track	CSCI		4			1			1	 				-+			1			yes				
		2.32	Visual Storage	Metal shelving	CSCI		-						+								†			,				
		· -	1			1	i	1	1	1								- 1			1	1		1	1		1	

		Location		Details						1			Ele	ctrical			Plumbing	Gas		Air	Exhaust	Backing		Sizing		
Existing	Frietine Feeilite		New Facility Decades Decad			Dhata					F					Cald	Hat Disast Ind							Ŭ		
Facility Room No.	Existing Facility Room Name	New Facility Program No.	New Facility Program Room Name	Equipment Name	Category	Photo reference	QTY	Manufacturer	Model	Specification	Emerg. Power	Amps	Volts	Phase Cycle	Direct Plug		Hot Direct Ind. Water Drain Drain	Gas	BTUH	CFM	Venting	Mounting/ backing	Length	Width	Height	Weight
-	Graphic Arts	2.34	Graphic Arts	Photographic printer	OSOI		1							,,,,,,							yes		. 0.			
	Graphic Arts	2.34	Graphic Arts	3D printer	OSOI		1														yes					
	Graphic Arts	2.34	Graphic Arts	Lighting rails	OSOI																yes					
		I	3.0	Physical and Health Educa	tion	T T			1	1			1 1	1		 		1								
		3.01	Gymnasium	retractable bleacher seating - 2 groups of 250	CSCI		2																			
		3.01	Gymnasium	score board	CSCI		4																			+
		3.01	Gymnasium	score clocks	CSCI		4																			
		3.01	Gymnasium	protective score clock enclosures			4																		<u> </u>	
		3.01 3.01	Gymnasium Gymnasium	motorized basketball hoops glass backboards	CSCI		<u>8</u> 8																		 	
		3.01	Gymnasium	projection screen	CSCI		4																		 	
	Weight Room	3.02	Weight Room	squat racks	OSOI		2																			
	Weight Room	3.02	Weight Room	universal machine	OSOI		1																			
	Weight Room	3.02	Weight Room	high pulley	OSOI		1																		 	
	Weight Room Weight Room	3.02 3.02	Weight Room Weight Room	treadmill weight lifting benchs	OSOI OSOI		3 4																		 	+
	Weight Room	3.02	Officials Locker Room/First		0301		4																		 	+
		3.04	Aid	Washer/dryer	CSCI		1																			
			Officials Locker Room/First																							
		3.04	Aid	Ice machine	CSCI		1									\bot										<u> </u>
	PHE office	2.05	PHE office	Safe	0001		1																2E6 mm /4 4111	406 mm (16")	457 mm	100 lbs
	PHE Office	3.05 3.06	B Changeroom	hooks	OSOI CSCI		30															yes	356 mm (14)	406 mm (16)	(18") d	200 100
		3.07	G Changeroom	hooks	CSCI		30															yes				+
		3.08	Interior storage	Metal shelves	CSCI		8															, ==	4000 mm	785 mm	3000 mm	
				Industrial hooks for hanging																						
		3.08	Interior storage	equip.	CSCI		10															yes			 	
		3.08 3.08	Interior storage Interior storage	Mobile equipment racks Mat trolly	OSOI OSOI		6 1																		 	
		3.06	interior storage	Volleyball badminiton net	0301		1																		 	
		3.08	Interior storage	poles/net holes	CSCI		6																			
		3.09	Exterior storage	Metal shelves	CSCI		4																			
				Industrial hooks for hanging																						
		3.09 3.09	Exterior storage Exterior storage	equip. Mobile equipment racks	CSCI OSOI		10 6															yes				+
		3.09	Exterior storage	Nets	OSOI		8																		 	_
				Career Techncial Educati		1	_						L L													
		4.01-4.22	CTE shops	refer to CTE equipment list																						
	Home Ec			Teacher demonstrati overhead																						
	classroom	4.31	Home Ec classroom	mirror	OSOI		2																		 	
		4.31 4.31	Home Ec classroom Home Ec classroom	Ranges Stovetop	CSCI		8 1																		 	
		4.31	Home Ec classroom	Wall oven	CSCI		1																		 	_
		4.31	Home Ec classroom	Range Hood	CSCI		8														yes					
	Home Ec																									
	classroom	4.31	Home Ec classroom	Refrigerator	OSOI		4																			\longmapsto
	Home Ec classroom	4.31	Home Ec classroom	Microwaves	OSOI		4																		1	
	CIASSIUUIII	4.31	Home Ec classroom	Washer	CSCI		1		-						 	+ +										++
		4.31	Home Ec classroom	Dryer	CSCI		1																			
		4.31	Home Ec classroom	Dishwasher	CSCI		2																			
	Home Ec				000:		•																		1	
	classroom	4.31	Home Ec classroom	recycling station (bins)	OSOI		2																			
	Home Ec classroom	4.31	Home Ec classroom	sewing machines	OSOI		8																		1	
	Home Ec		0.000.00.11	22					<u> </u>																	\vdash
	classroom	4.31	Home Ec classroom	specialized (sewing) machines	OSOI		6									1 1										
		4.31	Home Ec classroom	changeroom curtain + track			2																			$\downarrow \downarrow \downarrow \downarrow$
	Homo Fo	4.31	Home Ec classroom	ironing board stations	CSCI		4		-						 	+	- - 									+
	Home Ec classroom	4.31	Home Ec classroom	computerized babies shelving	OSOI																				1	
				commercial upright all freezer	1											1 1										
		4.32	Home Ec storage	(22 cu.ft.)	CSCI		1																			
	Home Ec															1 7									1	
	classroom	4.32 4.41	Home Ec storage Culinary Arts	fabric bolts shelving	OSOI											+ +										+
		4.41	Culinary Arts	refer to Kitchen equip.tab		1		L	<u> </u>	<u> </u>						1		<u> </u>			I	<u> </u>			<u> </u>	

		Location		Details						<u> </u>		Elec	trical			Plumbing	Gas		Air		Exhaust	Backing	Sizing	
Existing	Cuintina Canilla.		Nov. Facility Decrease Decre		Dh					F													- Commig	
Facility Room No.	Existing Facility Room Name	New Facility Program No.	New Facility Program Room Name	Equipment Name	Category refer	noto rence	QTY	Manufacturer	Model Specificati	Emerg. on Power	Amps	Volts	Phase	Cycle [Direct	Cold Hot Direct Ind. Plug Water Water Drain Drain	Gas	BTUH		CFM	Venting	Mounting/ backing Length	Width Height	Weight
			5	5.0 Administration		•																		
		5.05	clerical workstations	systems furniture	CSCI		7																	
		5.06	first aid room	Undercounter fridge	CSCI		1					-												
		5.07	workroom & copy staff kitchenette/break	printer/photocopier	OSOI		1														yes			_
		5.08	room	fridge	CSCI		1																	
			staff kitchenette/break	.0-																				
		5.08	room	range	CSCI		1																	
		F 00	staff kitchenette/break	dishwasher	ccci		1																	
		5.08	room staff kitchenette/break	dishwasher	CSCI							+ +												+
		5.08	room	micro wave	OSOI		1																	
																							1016 mm	
		5.09	record/archive storage	Safe	OSOI		1															762 mm (30") d 813	mm (32") (40")	500 lbs
				earning Neighbourhoods	l acai l				<u> </u>		1						1							
		6.07 6.07	teacher prep rooms teacher prep rooms	printer/photocopier Full size Refrigerator	OSOI CSCI		1					-									yes			
		6.07	teacher prep rooms	Microwave	OSOI		1									 								+
			, , , , , , , , , , , , , , , , , , ,	Systems furniture workstation																				
		6.07	Teacher prep rooms	with locker	CSCI		16																	
		6.09	Chemistry lab	fume hood	CSCI		2																	
		6.10x 6.10x	Prep area Prep area	fume hood dishwasher	CSCI CSCI		1					-									yes yes			_
		6.10x	Prep area	under counter refrigerator	CSCI		1									 					yes			+
			chemistry lab general							1														1
		6.12	storage	refrigerator	CSCI		1																	
		6.40		Prefabricated purpose built	000		_																	
		6.13	Secure chemical storage	chemical storage cabinet	cscı udent Support	<u> </u>	1																	
		7.04	Files/storage	Filing Cabinets	OSOI OSOI		10				1	<u> </u>			I		1					Yes		_
		7.11	IE classroom	Full height fridge	CSCI		1																	+
		7.13	Quiet room/work space	wall padding	CSCI		4															Yes		
		7.15	Accessible toilet & shower	motorized lift c/w support track Stainless steel adult free	CSCI		1					-										yes		_
		7.15	Accessible toilet & shower	standing change table	OSOI		1																	
		7.32	UBC small kitchenette	Under counter fridge	CSCI		1																	
		7.32	UBC small kitchenette	Microwave	CSCI		1																	
		7.34	UBC office space	Printer/photocopier -	OSOI		1																	
	Wood shop	8.01	Wood shop	8.0 Maintenance/IT	OSOI	T			Г	T	T T	208					T			yes		1220 mm (4') 243	9 mm (9')	_
	Wood shop	8.01	Wood shop	belt sander	OSOI							208								yes	100 mm (4")	1220 11111 (4) 243	8 11111 (8)	+
	Wood shop	8.01	Wood shop	band saw	OSOI							208									50 mm (2")			
	Wood shop	8.01	Wood shop	bench grinder	OSOI							120												
	Wood shop	8.01	Wood shop	router table	OSOI							120									50 mm (2") 100 mm (4")			
	Wood shop Wood shop	8.01 8.01	Wood shop Wood shop	jointer drill press	OSOI OSOI							120 208									100 mm (4)			+
	Wood shop	8.01	Wood shop	edge bander	OSOI							208								yes	150 mm (6")	2743 mm (9') 122	0 mm (4')	+
																					38 mm (1			
	Wood shop	8.01	Wood shop	chop saw	OSOI							120									1/2")			
	Wood shop Wood shop	8.01 8.01	Wood shop Wood shop	dado table saw planer	OSOI OSOI					-		208	-								100 mm (4") 150 mm (6")			+
	Wood shop	8.01	Wood shop	table saw	OSOI					+		208									100 mm (4")			+ -
	Wood shop	8.01	Wood shop	plywood and wood storage	OSOI						<u>L</u>													
	Plumbing shop	8.02	Plumbing shop	metal chop saw	OSOI							120												
	Plumbing shop	8.02	Plumbing shop	pipe threader	0801					+	-	120					VEC				1100			
	Plumbing shop Plumbing shop	8.02 8.02	Plumbing shop Plumbing shop	welder setup w/4 tanks metal sander	OSOI OSOI	_	4			+		YES 120					YES				yes			+
	Plumbing shop	8.02	Plumbing shop	drill press	OSOI					1		120												+
	Plumbing shop	8.02	Plumbing shop	bench grinder	OSOI							120												
	Plumbing shop	8.02	Plumbing shop	metal and pipe storage	OSOI					\perp														
	Paint room	8.02 8.04	Plumbing shop Paint room	wall mounted tool panel bucket mixer	OSOI OSOI					-		120	-									yes		+
	Paint room	8.04	Paint room	paint can mixer	OSOI					+	1	120	+											+
				,						1									100					1
																			psi/15					
	Deint	0.04	Delat		0531												4.1.4		mm					
	Paint room	8.04	Paint room	pressure washer	OSOI							\vdash	+			 	delete		pipe 100					+
																			psi/15					
																			mm					
	Paint room	8.04	Paint room	line painter	OSOI												delete		pipe				New Westminster	r Secondary Sc
																								1F - Fauinment

		1		Details							1		El-					Dl	L	Gas		Air		F. da a a t	Backing	1	Ci-i		
Existing		Location		Details									Ele	ectrical				Plumb	oing	Gas		All		Exhaust	Backing		Sizing		
Facility Room	Existing Facility	New Facility	New Facility Program Room			Photo					Emerg.						Cold	Hot	Direct In	d.					Mounting/			()	4
No.	Room Name	Program No.	Name	Equipment Name	Category	reference	QTY	Manufacturer	Model	Specification	_	Amps	Volts	Phase	Cycle Direct	Plug			Drain Dra		втин		CFM	Venting	backing	Length	Width	Height	Weight
				111	, ,										.,							100				. 0		1	
																						psi/15						1 '	
																						mm						, '	
	Paint room	8.04	Paint room	sprayer	OSOI		2													delete	2	pipe		600 mm dia.		3000 mm	2000 mm	2200 mm	
	Paint room	8.04	Paint room	paint storage, glass storage	OSOI	t																10.10.0							
+	T dille Toolii	0.0 .	1 41112 1 5 5 111	pame storage, glass storage	000.	† †		1															+						
																							3mx2					, '	
																							m x					1 '	
																							2.2m					, '	
	Paint room	8.04	Paint room	spray booth	OSOI		1																booth	600mm dia				, '	
		8.07	M/IT break room	Fridge	CSCI	+	1	_															2001	occiniii aia					+
		8.07	M/IT break room	Microwave	OSOI		1																						
		0.07	District Maintenance	i i i i i i i i i i i i i i i i i i i	000.																								
		8.08	storage	Industrial metal shelving	CSCI			1							1											1		i '	
+		0.00	Storage	astriar metar sherving				1					1			+ -	<u> </u>				+	1	1		+	+			
		8.09	IT offices	Systems furniture workstation	CSCI		7																					1	
	Stores storage	8.14	Stores storage	Toro seated	OSOI	+	2						1	1						+	-	1				2133 mm (7')	1220 mm (4')		-
	Stores storage	8.14	Stores storage	Husqvarana walk behind	OSOI	+	1						1	1						+	-	1					1220 mm (4')		-
	Stores storage	8.14	Stores storage	John Deere reel mower	OSOI	+	1						1	1						+	-	1					2133 mm (7')		-
	Stores storage	0.14	Stores storage	John Beere reer mower	0301	+ +		+					-							-			+		+	2133 11111 (7)	2133 11111 (7)	$\overline{}$	+
	Stores storage	8.14	Stores storage	John Deere covered lawn mower	OSOI		1																			3353 mm (11')	1829 mm (6')	, '	
 	Stores storage	8.14	Stores storage	John Deere tractor	OSOI	+ +	1	+					-							-			+		+	4267 mm (14')	1524 mm (5')	$\overline{}$	+
 	Stores storage	8.14	Stores storage	Regular push lawnmower	OSOI	+ +	2	+					-							-			+		+	1829 (6')	914 (3')	$\overline{}$	+
	Stores storage	8.14	Stores storage	Bobcat	OSOI	+	1						1	1						+	-	1				2133 (7')	1524 (5')		-
	Stores storage	8.14	Stores storage	Yamaha ATV with snow plow	OSOI	+	1						1	1						+	-	1				2743 (9')	1220 (4')		-
	Stores storage	8.14	Stores storage	Scissor lift	0301	+	1						1	1						+	-	1				914 (3')	1829 (6')		-
	Stores storage	8.14	Stores storage	One man genie lift	OSOI	+	1						1	1						+		1				914 (3')	914 (3')		-
	Stores storage	8.14	Stores storage	Toro snowblowers	OSOI		9																			1220 (4')	610 (2')		
	Stores storage	8.14	Stores storage	Shindaiwa salter spreaders	OSOI		12																			610 (2')	914 (3')		
	Stores storage	8.14	Stores storage	Stihl leaf blowers	OSOI		6																			010 (2)	314 (3)		
	Stores storage	8.14	Stores storage	Stihl weed whackers	OSOI		5																						
	Stores storage	8.14	Stores storage	Stihl chain saws	OSOI	+	3						1	1						+		1							-
	Stores storage	8.14	Stores storage	concrete mixer	OSOI		1	1					1								1		1		<u> </u>	914 (3')	1220 (4')		
+	233.23 3101462	5.17	515. C5 3101 UBC	snow plow attachments for	2301			1				1	1		<u> </u>							 	1 1		1	327(3)	1225 (4)		
	Stores storage	8.14	Stores storage	trucks	OSOI		2								1											914 (3')	1829 (6')	i '	
 	Stores storage	8.14	Stores storage	pressure washer	OSOI	† †	1	1															+			914 (3')	610 (2')		
	Stores storage	8.14	Stores storage	sand compactor	OSOI	† †	1	1															+			914 (3')	610 (2')		
	Stores storage	8.14	Stores storage	battery charger	OSOI		1																			610 (2')	610 (2')		
	Stores storage	8.14	Stores storage	bobcat attachments	OSOI		3																			1524 (5')	914 (3')		
+	Stores storage	8.14	Stores storage	wood chipper john deere	OSOI		1	1				1	1		<u> </u>							 	1 1		1	1220 (4')	1220 (4')		
+	Stores storage	8.14	Stores storage	aerator	OSOI		1	1				1	1		<u> </u>							 	1 1		1	1524 (5')	1220 (4')		
+	Stores storage	8.14	Stores storage	gas cans (diesel, gas, mixed)	OSOI		20	1				1	1		<u> </u>							 	1 1		1				
 	Stores storage	8.14	Stores storage	ladders 12', 14', 8'	OSOI		9	1					1							1	1		1 1		<u> </u>	†			
 	Stores storage	8.14	Stores storage	wheelbarrows	OSOI		2	1					1							1	1		1 1		<u> </u>	†			
	212.0000.050	0.2.	Custo									<u> </u>	1																
	Custodial	I	Custodial	custodial cart	OSOI			T							T										T	1220 (4')	610 (2')		
	Custodial		Custodial	floor scrubber	OSOI			1					1		<u> </u>						1		1		<u> </u>	1524 (5')	914 (3')		
L	Justoului	l	Custodiai	11001 SCIUDDE1	0001				ıl		L	1	<u> </u>	<u> </u>	1	1		1				<u> </u>	1		<u> </u>	1327 (3)	314 (3)		

Equipment Name	Connection size	Air Volume cfm	Air Volume I/s	
Drill Press	102 mm (4")	375	177	
Belt Sander	152 mm (6")	850	400	
Band Saw 24" (610 mm)	102 mm (4")	341	161	
Band Saw 16" x 2 (406 mm)	102 mm (4")	341	161	
Router Table	51 mm x 51 mm (2 x 2")	350	165	
Jointer	152 mm (6")	550	260	
Edge Sander	51 x 102 mm (2 x 4")	785	370	
Chop Saw	51 x 102 mm (2 x 4")	350	165	Provide hood x 2
Planer 33" (838 mm)	152 mm (6")	850	400	
Table Saw	102 mm (4")	350	165	
Spindle Sander	102 mm (4")	200	95	

Each of the rooms and spaces listed in this Table 1 require equipment; however, the Design and Construction Specifications] and Good Industry Practice. This Table 1 is not intended to be exhaustive of the equipment. The Design-Builder shall determine whether there is any additional equipment required by the Owner.

LEGEND	
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI	OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI	OWNER SUPPLIED OWNER INSTALLED

Notes:

		Location		Details									Elec	ctrical			Plum	bing	G	as		Exhaust	Backing		Sizing		
Existing	Entakto a En allia.	Name Franklike				Dhata					F						Cald Hat	Direct L	a l				\$4tin = /	la a adda	dalah		
Facility Room No.	Existing Facility Room Name	New Facility Program No.	New Facility Room Name	Equipment Name	Category	Photo reference	QTY	Manufacturer	Model	Specification	Emerg. Power	Amps	Volts	Dhaca	Cycle Direct	t Dlug	Cold Hot Water Water		nd. rain G	as BTUH	CFM	Venting	Mounting/ backing	length (millimeters)	width (millimeters)	Height	Weight
NO.	Noom Name	i iogiam ivo.	New Facility Room Name	Equipment Name	Category	reference	QII	Wandacturer	Wiodei	20" scroll	TOWEI	Allips	Voits	Tilase	Cycle Birect	t Hug	, water water	Diam D	aiii G	as BIOII	CITVI	venting	backing	(minimeters)	(minimeters)	Tieight	Weight
	Wood Shop	4.01	Wood Shop	Scroll saw	OSCI		5	dewalt	dw-788		no	1.3	20v	1		yes								508 mm	914 mm	i	
	Wood Shop	4.01	Wood Shop	mortising machine	OSCI	†	1	rockwell	ca638	1horse	yes	3.8		3	yes									762 mm	1143 mm	í	+
	11000 5.10 p		11000001100	mercianing machinic	000.			delta	04050	2110150	700	5.0			, , ,								1	702	11.0		$\overline{}$
	Wood Shop	4.01	Wood Shop	bandsaw	OSCI		1	rockwell		1.5horse	yes	4.8	203v	3	yes						341	Yes		1016 mm	762 mm	1	
								delta			,				, , , ,										-	í	
	Wood Shop	4.01	Wood Shop	bandsaw	OSCI		2	rockwell	dn5153	3/4 horse	yes		220	1	yes						341	Yes		762 mm	457 mm	1	
	Wood Shop	4.01	Wood Shop	thickness sander	OSCI		1	General		37"	yes			3	yes	_					785	Yes		1397 mm	1220 mm	i	
	Wood Shop	4.01	Wood Shop	Tablesaw	OSCI	1	2	Saw stop		3horse	yes	13	230v	1	yes						350	Yes		2641 mm	2083 mm	i	
									scmf63																	1	
	Wood Shop	4.01	Wood Shop	Planer	OSCI		1		0		yes			3	yes						785	Yes		1524 mm	1143 mm	1	
	Wood Shop	4.01	Wood Shop	Planer	OSCI		1								yes						850	Yes		1524 mm	1016 mm	i	
																										1	
																										1	
																						Yes - provide				1	
	Wood Shop	4.01	Wood Shop	Chopsaw	OSCI		1								yes						350	local hood		813 mm	940 mm	1	
	·		·			1		delta					208/2													i	
	Wood Shop	4.01	Wood Shop	Drill press	OSCI		2	rockwell			yes	8.0/4.0		3	yes									762 mm	889 mm	1	
	•		·			1		delta		undedrill .5																i	
	Wood Shop	4.01	Wood Shop	Dril press	OSCI		1	rockwell		horse	yes	2	220v	3	yes									330 mm	660 mm	1	
								delta																		i	
	Wood Shop	4.01	Wood Shop	Lathes	OSCI		4	rockwell			yes	1.68	220	3	yes						400	Yes		1651 mm	610 mm	ı	
								delta					115-													1	
	Wood Shop	4.01	Wood Shop	Grinder	OSCI		1	rockwell	23104	.5 horse	yes	2.7	230	1	yes									559 mm	406 mm	1	
													208-													1	
	Wood Shop	4.01	Wood Shop	Edge sander	OSCI		1	Progress		3horse	yes	8.4	460		yes						785	Yes				<u>. </u>	
								standard					115-													1	
	Wood Shop	4.01	Wood Shop	spindle sander	OSCI		1	Elec			yes	6.7-3.4	230		yes						200	yes		610 mm	508 mm		
								delta					220-													1	
	Wood Shop	4.01	Wood Shop	Disc sander	OSCI		1	rockwell				2.64	440	3	yes	_					440	Yes		610 mm	610 mm		
	Wood Shop	4.01	Wood Shop	Router table	OSCI		2	porter			yes	1.2	120			yes					350	Yes		914 mm	711 mm		
					000		•	delta				0.5/4.0	115/2								250	.,		760	505	i	
	Wood Shop	4.01	Wood Shop	Jointer	OSCI	1	2	rockwell			yes	9.5/4.8	20	1	yes						350	Yes		762 mm	686 mm	t	
	Wood Shop	4.01	Wood Shop	CNC machine	OSCI	+	1									yes			_		350	Yes	1	1220 mm	1067 mm		
																										1	
																										ı	
	Marad Class	4.04	We sel Chees	Character	000		2														250	Yes - provide				1	
	Wood Shop	4.01 4.01	Wood Shop	Chopsaw	OSCI	+	2									yes			_		350	local hood	1				
	Wood Shop	4.01	Wood Shop	Tables/vices	CSCI	+	10						-										+				+
		4.01	Wood Shop	exhaust system	OSOI	+	1 1						1									Yes					+
		4.01	Wood Shop	Wood panel wall Plywood/raw lumber storage	0301	+	1														+		+				\vdash
		4.01	Wood Shop	racking	CSCI		2																	1220 mm	1220 mm	2700 mm	
-	Wood Shop	4.01	Wood Shop	Tool storage racking	OSOI	+ -	4		1		1		1		+ + -		+ +		-		+	 	+	1220 111111	1220 111111	2700 111111	+
	ννουα σπορ	4.01	wood sliop	Plywood/raw lumber storage	0301	+ -	4	1	 				+ +		+ +		+ +	 			+	1	1				+
		4.02	Wood Storage	racking	CSCI		1																	1220 mm	1220 mm	2700 mm	
		4.02	Wood Storage	Project storage shelving	CSCI	+ +	8		 		+		1		 		+ +		-		+			1220 mm	785 mm	3000 mm	+
		4.02	Wood Storage	Tool storage racking	CSCI	†		1	 		+		1			+	+ +		_		+	 	+	1220 mm	150 mm	1830 mm	+
L		7.02	TTOOG Storage	1001 Storage Tucking	5561					1	1	<u> </u>	+				+					<u> </u>		1220 111111	130 111111	2030 111111	

Each of the rooms and spaces listed in this Table 1 require equipment; however, the Design and Construction Specifications] and Good Industry Practice. This Table 1 is not intended to be exhaustive of the equipment. The Design-Builder shall determine whether there is any additional equipment required by the Owner.

LEGEND	
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI	OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI	OWNER SUPPLIED OWNER INSTALLED

Notes:

Facility room names and Facility room numbers used in this Appendix refer to departments, room names and numbers set out in the Functional Program. Equipment list to be read in conjunction with Appendix 1A Functional Program and Appendix 1B Room Data Sheets.

	cility Room Existing Facility New Facility			Details								Ele	ctrical					Plumbing		Gas			Exhaust	Backing		Sizing		
Existing																												
Facility Room		,				Photo				Emerg.						Col		Hot Dir		nd.				Mounting/				
No.	Room Name	Room No.	New Facility Room Name	Equipment Name	Category	reference	QTY	Manufacturer Mod	el Specification	Power	Amps	Volts	Phase	Cycle	Direct	Plug Wat	er W	/ater Dr	ain D	rain Gas	BTUH	CFM	Venting	backing	Length	Width	Height	Weight
	Skills explor/																											
	Discover																											
	Apprenticeship /																											
	Bike course	4.11	Discovery Shop	drill press	OSOI		1																					
	Skills explor/																											
	Discover																											ļ
	Apprenticeship /	4.44	D'annua Chan	h a seda a se	0001		4																					
	Bike course	4.11	Discovery Shop	bandsaw	OSOI		1			-																		
	Skills explor/																											
	Discover																											ļ
	Apprenticeship / Bike course	4.11	Discovery Shop	Chop saw	OSOI																							
	Skills explor/	4.11	Discovery Shop	Chop saw	USUI							+		+				-			1	-						
	Discover																											ļ
	Apprenticeship /																											ļ
	Bike course	4.11	Discovery Shop	Tables/vices	OSOI		6																					ļ
	Skills explor/	4.11	Discovery Shop	Tables/ vices	0301		- 0			1		+		1							1							+
	Discover																											
	Apprenticeship /																											
	Bike course	4.11	Discovery Shop	Storage for construction material	OSOI																							ļ
	Skills explor/																				1							+
	Discover																											
	Apprenticeship /									1																		
	Bike course	4.11	Discovery Shop	Tools storage	OSOI																							

Each of the rooms and spaces listed in this Table 1 require equipment; however, the Design-Builder shall be responsible for the impact on design and function of the applicable room or space, the requirements of this Schedule 1 [Design and Construction Specifications] and Good Industry Practice.

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Notes:

Facility room names and Facility room numbers used in this Appendix refer to departments, room names and numbers set out in the Functional Program. Equipment list to be read in conjunction with Appendix 1A Functional Program and Appendix 1B Room Data Sheets.

						1				1								1 -							
Cuintin a		Location		Details								Ele	ctrical	,		Plun	nbing	 Gas		Exhaust	Backing		Sizing		_
Existing Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	Photo reference	QTY	Manufacturer Model	Specification	Emerg. Power	Amps	Volts	Phase Cycle	Direc	Cold Ct Plug Water	Hot Water	Direct Drain	Gas	BTUH CFM	Venting	Mounting/ backing	Length	Width	Height	Weight
	Apprenticeship, Carpentry & Plumbing	4.21	Plumbing/ Carpentry Shop	Tables, vices	OSOI		6																		
	Apprenticeship, Carpentry & Plumbing	4.21	Plumbing/ Carpentry Shop	Storage for piping, Material	CSCI		1																2400 mm	3200 mm	
	Apprenticeship, Carpentry & Plumbing	4.21	Plumbing/ Carpentry Shop	Storage, tools	OSOI		1																		
	Apprenticeship, Carpentry & Plumbing	4.21	Plumbing/ Carpentry Shop	Table saw	OSOI			Saw Stop																	

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LEGEND	
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI	OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI	OWNER SUPPLIED OWNER INSTALLED

Notes:

			esign-builder responsibilities																											
		Location		Details									Ele	ctrical					Plum	bing		Gas		E	xhaust	Backing		Sizing		
Existing Facility Room	Existing Facility	New Facility				Photo					Emerg.							Cold	Hot	Direct	Ind.					Mounting/				
No.	Room Name	Room No.	New Facility Room Name	Equipment Name	Category		QTY	Manufacturer	Model Sr	pecification	Power	Amps	Volts	Phase	Cycle	Direct	Plug	Water				Gas	втин	CFM	Venting	backing	Length	Width	Height	Weight
				-4									10.00		-,			11000	110101						- coming		201.601		riegii.	11 0.8.11
								AR Williams -	-																					
	Metal shop	4.04	Metal Fabrication Shop	Milling machine	OSOI		1	Hoover			yes	2.6/1.5	220	3	60	yes											1092 mm	1220 mm		
																						Natura								
				Welding stations/Oxy natural gas			_															Gas &								
	Metal shop	4.04	Metal Fabrication Shop	booths	OSOI		4	-	<u> </u>			22/20/42										Oxyger		to code	Yes		762 mm	610 mm		
	Metal shop	4.04	Metal Fabrication Shop	mig welder 1 (inc. tank)	OSOI		1	Hobart				22/20/12. 5	220	3		yes								to code	Yes					
	Metal shop	4.04	Metal Fabrication Shop	tig welder	OSOI		1	Lincoln				3	220	3		yes						-		to code	Yes					
	Wictar Shop	7.04	Wictar Fabrication Shop	tig weider	0301			Lincom				22/20/12.				ycs								to couc	103					
	Metal shop	4.04	Metal Fabrication Shop	plasma cutter	OSOI		1	Hobart				5	220	3		yes								to code	Yes		610 mm	406 mm		
	,		,	·				Miller								ĺ														
								Millermatic																						
	Metal shop	4.04	Metal Fabrication Shop	mig welder 2	OSOI		1	252				48/42	220	1		yes								to code	Yes		356 mm	1118 mm		
								Miller																						
								Millermatic						_																
	Metal shop	4.04	Metal Fabrication Shop	mig welder 3	OSOI		1	252				48/42	220	1		yes								to code	Yes	+				
	Metal shop	4.04	Metal Fabrication Shop	Drill press 1	OSOI		1	delta/rockw ell	1	unidrill	1100	2	220			yes											457 mm	711 mm		
	ivietai silop	4.04	Wetai Fabrication Shop	Dilli piess 1	0301		1	delta/rockw		umum	yes		220			yes										+	437 111111	/11	+	
	Metal shop	4.04	Metal Fabrication Shop	Drill press 2	OSOI		1	ell			yes	8.0/4.0	220			yes														
	Wetar shop		metal rabilitation onep	Dim press E	000.			delta/rockw			, 00	0.07				, 00										+				
	Metal shop	4.04	Metal Fabrication Shop	Drill press 3	OSOI		1	ell			yes	8.0/4.1	220			yes														
			·					delta/rockw																						
	Metal shop	4.04	Metal Fabrication Shop	Drill press 4	OSOI		1	ell			yes	8.0/4.2				yes														
	Metal shop	4.04	Metal Fabrication Shop	Sander 1	OSOI		1	General Int			yes	4.5	220			yes								350	Yes		914 mm	610 mm		
	Metal shop	4.04	Metal Fabrication Shop	Sander 2	OSOI		1	General Int			yes	4.5	220	3		Yes								350	Yes					
					0001		_	delta/rockw				4.0	222											200			co=			
	Metal shop	4.04	Metal Fabrication Shop	Grinder 1	OSOI		1	ell			yes	1.8	220	3		yes								300	Yes		635 mm	457 mm		
	Metal shop	4.04	Metal Fabrication Shop	Grinder 2	OSOI		1	delta/rockw ell			yes	1.8	220	3		Yes								300	Yes					
	Metal shop	4.04	Metal Fabrication Shop	Buffer 1	OSOI		1	Baldor			yes	1.8	220	3		yes						+		300	Yes		635 mm	457 mm		
	Metal shop	4.04	Metal Fabrication Shop	Buffer 2	OSOI		1	Baldor			yes	1.8	220	3		Yes								300	Yes		000	.57		
	Metal shop	4.04	Metal Fabrication Shop	metal lathe 1	OSOI		1	SanYuen				27/13.5		3		Yes											2083 mm	610 mm		
	Metal shop	4.04	Metal Fabrication Shop	metal lathe 2	OSOI		1	SanYuen			yes	27/13.5	220			Yes														
	Metal shop	4.04	Metal Fabrication Shop	metal lathe 3	OSOI		1	Wesco			yes	2.6/2.4	220			Yes														
	Metal shop	4.04	Metal Fabrication Shop	metal lathe 4	OSOI		1	Wesco			yes	2.6/2.4	220			Yes		ļ												
	Metal shop	4.04	Metal Fabrication Shop	horizontal bandsaw	OSOI		1	Johnson			yes	2.6/2.4	220	3		Yes											610 mm	1220 mm		
																,,														
	Metal shop	4.04	Metal Fabrication Shop	Blackssmith foundry	OSOI		1	Johnson Gas		1						Yes	1	 	-		1		400000		Yes	+	1118 mm	559 mm		
	Metal shop	4.04	Metal Fabrication Shop	Kiln	OSOI		1	Speedymelt								Yes									Yes		1016 mm	711 mm		
	ivictal sliop	7.04	inctal Labrication 3110p	KIIII	0301			Specaymen								103	 	1	-		1	1			162	+	1010 111111	\ TT		
	Metal shop	4.04	Metal Fabrication Shop	Kiln	OSOI		1	Johnson Gas															120000							
	Metal shop	4.04	Metal Fabrication Shop	tire changer	OSOI		1				yes					Yes						1								
	Metal shop	4.04	Metal Fabrication Shop	tire balancer	OSOI		1				yes					Yes														

		Location		Details								Ele	ctrical				Plum	nbing	G	as		Exhaust	Backing		Sizing		
Existing																											
Facility Room	Existing Facility	New Facility				Photo				Emerg.						Cold	Hot	Direct Ir	d.				Mounting/				4
No.	Room Name	Room No.	New Facility Room Name	Equipment Name	Category	reference	QTY	Manufacturer	Model Specification	n Power	Amps	Volts	Phase Cycl	e Direct	Plug	Water	Water	Drain Dr	ain G	as BTI	JH CFM	Venting	backing	Length	Width	Height	Weight
								delta/rockw				115/2															
	Metal shop	4.04	Metal Fabrication Shop	vertical bandsaw	OSOI		1	ell		yes		08-230	1											356 mm	457 mm		
	Metal shop	4.04	Metal Fabrication Shop	Spot Welder	OSOI		1	Stryco		no	4.6	208		Yes		Yes								305 mm	813 mm		
	Metal shop	4.04	Metal Fabrication Shop	Large lever sheer	OSOI																			457 mm	1371 mm		
	Metal shop	4.04	Metal Fabrication Shop	Compressed Air	OSOI																						
	Metal shop	4.04	Metal Fabrication Shop	Box and pan brake	OSOI		1																	1473 mm	610 mm		
	Metal shop	4.04	Metal Fabrication Shop	Sheet metal sheer	OSOI		1																	1524 mm	1016 mm		
	Metal shop	4.04	Metal Fabrication Shop	tables/vices	OSOI		6																				
	Metal shop	4.04	Metal Fabrication Shop	Storage for metal material	CSCI																						
	Metal shop	4.04	Metal Fabrication Shop	Storage for tools	CSCI																						
	Metal shop	4.04	Metal Fabrication Shop	Anvil	OSOI																			610 mm	305 mm		1

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LEGEND	
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI	OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI	OWNER SUPPLIED OWNER INSTALLED

Notes:

		Location		Details							Flee	ctrical				Plum	bing		Gas		Exhaust	Backi	ing		Sizing		
Existing Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	Photo reference	QTY	Manufacturer Mod	el Specificatio	Emerg n Powe			Cycle Direct	Plug	Cold Water	Hot	Direct	Ind.		JH CFM		Mount	ing/	Length	Width	Height	Weight
	Electronics / Robotics	4.08	Electronics/Robotics Shop	Drill press 1	OSOI																						
1	Electronics / Robotics	4.08	Electronics/Robotics Shop	Drill press 2	OSOI																						
	Electronics / Robotics	4.08	Electronics/Robotics Shop	Bandsaw	OSOI																						
	Electronics / Robotics	4.08	Electronics/Robotics Shop	Foot sheer	OSOI																						
1	Electronics / Robotics	4.08	Electronics/Robotics Shop	Heat bender	OSOI																						
1	Electronics / Robotics	4.08	Electronics/Robotics Shop	Iron station	OSOI																						
1	Electronics / Robotics	4.08	Electronics/Robotics Shop	Etchant tank	OSOI																						
	Electronics / Robotics	4.08	Electronics/Robotics Shop	Tables	OSOI		12																	·			
	Electronics / Robotics	4.08	Electronics/Robotics Shop	Soldering stations	OSOI		24																				

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LEGEND	
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI	OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI	OWNER SUPPLIED OWNER INSTALLED

Notes:

		Location		Details								Ele	ctrical				Plum	nbing		Gas		E	xhaust	Backing		Sizing		
Existing Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	Photo reference	QTY	Manufacturer Model	Specification	Emerg.	Amps	Volts	Phase	Cycle Direct	Plug	Cold Water		Direct Drain	Ind. Drain	Gas	BTUH	CFM	Venting	Mounting/ backing	Length	Width	Height	Weight
	Drafting / maker	4.06	Engineering Lab	1067 mm/42" Plotter	OSOI		1																					
	Drafting / maker	4.06	Engineering Lab	3D printer 1	OSOI		1																					
	Drafting / maker	4.06	Engineering Lab	3d printer 2	OSOI		1																					
	Drafting / maker	4.06	Engineering Lab	3d prtinter 3	OSOI																							
	Drafting / maker	4.06	Engineering Lab	3d scanner	OSOI																							
	Drafting / maker	4.06	Engineering Lab	610 mm/ 24" vinyl cutter	OSOI		1																					
	Drafting / maker	4.06	Engineering Lab	T-shirt press	OSOI		1																					
	Drafting / maker	4.06	Engineering Lab	Laser Cutter	OSOI																							

Each of the rooms and spaces listed in this Table 1 require equipment; however, the Design-Builder shall be responsible to determine the nature of all such equipment and shall be responsible for the impact on design and Construction Specifications] and Good Industry Practice. This Table 1 is not intended to be exhaustive of the equipment. The Design-Builder shall determine whether there is any additional equipment required by the Owner.

LEGEND	
CSCI	CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI	OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI	OWNER SUPPLIED OWNER INSTALLED

Notes:

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Equipment list to be read in conjunction with Appendix 1A Functional Program and Appendix 1B Room Data Sheets.

		Location		Details							Ele	ctrical				Plumbing		G	as	Exhaus	t		Sizin	ng	Altern	ate Manufactı	ırer
Existing Facility Room	Existing Facility	New Facility								Load	Volts	Phase	Direct	Dlug	Hot	Cold Dire	ect Ind.	Gas sizo	MBTU	CFM N	IUA ,	Longth	Midth	Hoight	А	D	С
No.	Room Name	Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts	Phase	Direct	Plug	Water	Water Dra	in Drain	Gas size	load	est. e	st.	Length \	wiath	Height	А	В	C
		4.42	Culinary Arts Classroom	WORK COUNTER	CSCI	1	Custom Fabricated		Millwork cabinet; stainless steel top boxed edges, backsplash; stainless steel sink, all coved, 355 x 406 x 250deep, deck mounted gooseneck faucet; 3 drawers with locks; swing doors with locks; solid bottom shelves, adjustable intermediate shelves				VERIFY	ALL SERVI		13 3				T		min. 1830	760	900			
		4.42	Culinary Arts Classroom	HAND SINK	CSCI	1	Eagle Group/Metal Masters		Standard with Knee operated and wall mounted; sealed to wall; Gooseneck faucet, p-trap and tail piece; basket drain						13	13 38	3								EFI	Polar	Custom Fabricated
		4.42	Culinary Arts Classroom	SOAP & TOWEL DISPENSER	OSOI	1	(refer to other section)																				
			Culinary Arts Classroom	DEMONSTRATION COUNTER	CSCI	1	Custom Fabricated		Millwork cabinet; stainless steel top boxed edges; 3 drawers with locks; swing doors with locks; solid bottom shelves, adjustable intermediate shelves; outlets for equipment													min. 1830	760	900			
		4.42	Culinary Arts Classroom	INDUCTION UNIT	OSOI	1	CookTek	MC3000	Standard	13A	208	1															
		4.42	Culinary Arts Classroom	STUDENT DESKS	OSOI	LOT																as req'd to	o suit cl	assroom			
		4.42	Culinary Arts Classroom	LOCKERS	CSCI	LOT	(refer to other section)																				
		4.5	Gender-neutral Washroom	WASHROOM FIXTURES	CSCI	LOT	(refer to other section)																				
		4.49	Office	DESK	CSCI	2	(refer to other section)																				
		4.49	Office	TELEPHONE	OSOI	1	(refer to other section)																				
		4.49	Office	COMPUTER	OSOI	3	(refer to other section)																				
		4,48	Receiving	HAND SINK	CSCI	1	Eagle Group/Metal Masters		Standard with Knee operated and wall mounted; sealed to wall; Gooseneck faucet, p-trap and tail piece; basket drain						13	13 3	3								EFI	Polar	Custom Fabricated
		4.48	Receiving	SOAP & TOWEL DISPENSER	OSOI	1	(refer to other section)																				
	Receiving	4.48	Receiving	UTILITY CART	OSCI	LOT	Existing	Existing													\perp						
		4.47	Janitorial (Mop Closet)	MOP SINK	CSCI	1	(refer to other section)								13	13 5	0										
		4.47	Janitorial (Mop Closet)	SERVICE FAUCET	CSCI	1	(refer to other section)																				

	Location		Details						Ele	ectrical			Plum	nbing	G	as	Exhaust		Siz	ring	Alter	nate Manufactu	rer
Existing Facility Room Existing Facility No. Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer Model	Specification	Load	Volts	Phase	Direct Plug	Hot Water		Direct Ind. Drain Drain	Gas size		CFM MU est. es		h Width	Height	А	В	С
		Laundry area in corridor	LINEN CABINET	OSOI	1	(refer to other section)																	
		Laundry area in corridor	WASHER	OSOI	1	(refer to other section)																	
		Laundry area in corridor	DRYER	OSOI	1	(refer to other section)																	
	4.45	Storage																					
Storage	4.45	Storage	SHELVING - DRY	OSCI	LOT	Existing Existing	HIGH I I I I I I I I I I I I I I I I I I																
	4.43	Walk-in Cooler	WALK-IN COOLER (single unit with other unit space added)	CSCI	1	Custom Pre Norbec Fabricated Modular	ULC listed pre-fabricated insulated panels tongue and groove configuration and fastened together with a mechanical camlock fastener, 100 mm minimum thick foamed in place urethane walls, ceilings and floors; Interior and exposed exterior with white baked enamel finish, embossed finish texture; in-floor/recessed floor insulation integral with walls, with concrete topping for smooth transition without ramps; LED Lighting; Standard doors with padlock provision, stainless steel kickplate both sides	6.2A	120	1	X							to su desig	it to suit n design	2590 aff	Imperial		
	4.43	Walk-in Cooler	ALARM	CSCI	1	Norbec	Flush mounted integral audio-visual digital alarm, recessed in door panel, with mute and reset, automatic lighting controls, dry contacts for remote monitoring	2A	120	1	Х												
	4.43	Walk-in Cooler	REFRIG. SYSTEM	CSCI	1	Keeprite/Tecu mseh	Evaporators: Sized and balanced to match the compressor(s) and capable of maintaining internal room temperature (max. +3C for coolers, min18C for freezers) while considering humidity levels of surrounding areas, product type and load, heat infiltration and temperature of incoming product; corrosion free assembly, Time initiated air defrost cycles for coolers, Electric or hot gas defrost for freezers. Compressor/condenser: Air cooled remote	as req'd	120 & 208	1	x			19 (evap)							Hussmann		
	4.43	Walk-in Freezer	WALK-IN FREEZER	CSCI	1	Custom Pre Norbec Fabricated Modular	ULC listed pre-fabricated insulated panels tongue and groove configuration and fastened together with a mechanical camlock fastener, 100 mm minimum thick foamed in place urethane walls, ceilings and floors; Interior and exposed exterior with white baked enamel finish, embossed finish texture; in-floor/recessed floor insulation integral with walls, with concrete topping for smooth transition without ramps; LED Lighting; Standard doors with padlock provision, stainless steel kickplate both sides	1800W	208	1	X								it to suit n design		Imperial		
	4.44	Walk-in Freezer	ALARM	CSCI	1	Norbec	Flush mounted integral audio-visual digital alarm, recessed in door panel, with mute and reset, automatic lighting controls, dry contacts for remote monitoring	2A	120	1	Х												
<u> </u>		1	1			1 1	1					1	-	1						1			

March Marc		ocation		Details							E	lectrical				Plum	bing		Gas	Exi	haust		Sizii	ng	Alte	nate Manufactu	rer
Section Process Proc	Existing Facility Room Existing Facility	New Facility			Category	QTY	Manufacture	r Model	Specification	Load			Direct P			Cold	Direct Inc	l. Gas siz	MBTU	CFM	MUA	Length				В	
Auto- Auto							Keeprite/Tec		Evaporators: Sized and balanced to match the compressor(s) and capable of maintaining internal room temperature (max. +3c for coolers, min18c for freezers) while considering humidity levels of surrounding areas, product type and load, heat infiltration and temperature of incoming product; corrosion free assembly, Time initiated air defrost cycles for coolers, Electric or hot gas defrost for freezers.	as req'd		1	x												Hussmann		
March Control Contro			Walk-in Freezer	HEAT TRACE	CSCI	1	Britech			as req'd	120	1	х												Flexco		
March Control Contro																											
March Control Contro					 									-				+	+	1	+	1					
Accordance Michigan Control		4.42	Walk-in Cooler	COMPRESSOR PLATFORM/RACK	CSCI	1			steel cross supports at locations for mounting applicable refrigeration; floor plates with vibration pads; vibration pads at each contact point to the rack and building; verify support structure with site conditions; Security protection (pad lock) around systems/rack, ensure adequate air circulation for systems – open wire cage													equipm	equip	to suit design			
Comply Statistics (user)			Walk-in Cooler	SHELVING - WALK-IN	CSCI	LOT	Metro	Super Adjustable Super Erecta	equivalent; 4 posts, 63P, per unit; 4 HD casters with donut bumpers each unit; 4															1879	Nexel	Olympic	Cambro
Part			Walk-in Cooler	DUNNAGE RACK	OSOI	2	Metro	HP2248PD																	Cambro		
4.41 Oold South File Continue		4.41		HAND SINK	CSCI	1	Group/Meta	HSA-10-1FK	mounted; sealed to wall; Gooseneck						13	13	38								EFI	Polar	
PREP SINIS PREP SINIS CSCI 1 Custom Prescription Could Saminary with Stainless steel construction, based edges; high and low units, full engine of pairs with stainless steel solicy to hold Saminary with Stainless steel construction, based edges; high and low units, full engine of prep Saminary with Stainless steel construction, based edges; high and low units, full engine of prep Saminary with Stainless steel solicy to hold Saminary with Stainless steel construction, based edges; high and low units, full engine of prep Saminary with Stainless steel solicy to hold Saminary with Stainless steel construction, based edges; high and low units, full engine of prep Saminary with Stainless steel towly. Saminary with Stainless steel construction, bear dedges, high preparation of the Stainless steel cons		4.41		SOAP & TOWEL DISPENSER	OSOI	1																					
Teaching Kitchen (prep & cold)		4.41		PREP SINKS	CSCI	1			200mm and splayed, closed ends and back; Bracing as required; Allow space for waste bin; 2 required sinks approximately 410 x 510 x 305 mm deep, all welded, all coved with lever wastes; Solid bottom shelf; backsplash mounted swing faucet; 2 poly cutting boards with stainless steel						13	13						design (2435	760	900			
Caching Kitchen (prep & cold) Cold			cold)	OVERSHELVES	CSCI	LOT			high and low units, full length of prep sinks; table or wall mounted														305				
A41 Cold SECONDER Cold		4.41	cold)			1	·		Standard supplied cutting plates, discs; Free standing plate rack		120	1													Hobart	Stephan	
A41 Cold C		4.41	cold)	BLENDER	OSOI	1	_	CB10B	Stanual U	3.75HP	120	1		Х					1	1							
PREP & COLD KIT. AREA 4.41 Cold) WORK TABLE OSCI 1 Existing WORK TABLE OSCI 1 Beverage Air SPE48-10 Standard with casters (front with locks) 5A 120 1 X			Teaching Kitchen (prep &	SLICER	OSCI	1		Existing		5A	120	1		х													
AREA 4.41 cold) WORK FABLE COSCI 1 EXISTING COLD COSCI 1 EXISTING COSCI 1 EXISTING COLD COSCI 1 EXISTING COS		4.41	Teaching Kitchen (prep &			1		1										+	+	1		1220	760	000		+ +	
PREP & COLD KIT. AREA 4.41 Cold) VACUUM PACKAGER OSCI 1 Existing Existing as req'd 120 1 X			cold) Teaching Kitchen (prep &			1	-	SPE48-10	Standard with casters (front with locks)	5A	120	1		х								verify	700	900	True	Silver King	
			Teaching Kitchen (prep &	VACUUM PACKAGER	OSCI	1	Existing	Existing		as req'd	120	1		х													

Design-Build Agreement

		Location		Details							El	ectrical			Plur	mbing		G	ıs	Exhai	ıst		Sizing	Alte	rnate Manufac	turer
Existing Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts		Direct	Plug	Hot Cold			Gas size	MBTU	CFM	NALIA	Length W		А	В	С
	PREP & COLD KIT. AREA	4.41	Teaching Kitchen (prep & cold)	CAN OPENER	OSCI	1	Existing	Existing	Spot Marie																	
	PREP & COLD KIT. AREA	4.41	Teaching Kitchen (prep & cold)	ICE MAKER W/BIN	OSCI	1	Manitowoc Ice	Existing	UD0190A-161B	6A	120	1	Х		9		19									
	AILA	4.41	Teaching Kitchen (prep & cold)	FLOOR DRAIN PAN	CSCI	1	Custom Fabricated		16 gauge stainless steel construction; Depth of unit to suit site conditions minimum 100mm; All welded; Stainless steel tail piece and waste; Slope bottom to drain; Pan to be flush with finished floor, """ bars welded to bottom for support; stainless steel drain pipe with lift out strainer basket; skid-resistant walking surface grating, fibergrate molded fiberglass, honeycomb or similar removable grate approved for foodservice areas, to be removable in sections no greater than 450 x 1220mm; to be level with finished floor							75							in. 55			
		4.41	Teaching Kitchen (prep & cold)	WORK TABLE - MOBILE	OSOI	1	Custom Fabricated		Stainless steel construction; Boxed edges; Solid bottom shelf, mounted 10"/250mm AFF, with boxed edges; 127mm heavy duty casters, 2 fixed on one end												1	1220- 1830 to suit design	50 900			
	PREP & COLD KIT. AREA	4.41	Teaching Kitchen (prep & cold)	REFRIG. WORK TABLE	OSCI	1	True	Existing	TUC-72	8.5A	120	1		Х												
	ANLA	4.41	Teaching Kitchen (prep & cold)	GROWING CABINET	OSOI	1	Carter- Hoffmann	GC-41	Standard with starter kit	4.4A	120	1		х												
		4.41	Teaching Kitchen (bake area)	HAND SINK	CSCI	1	Eagle Group/Metal Masters	HSA-10-1FK	Standard with Knee operated and wall mounted; sealed to wall; Gooseneck faucet, p-trap and tail piece; basket drain						13 13	38								EFI	Polar	Custom Fabricate
		4.41	Teaching Kitchen (bake area)	SOAP & TOWEL DISPENSER	OSOI	1	(refer to other section)																			
			Teaching Kitchen (bake area)	SERVICE WALL / FLASHING	CSCI	1	Custom Fabricated		Stainless steel construction; Sized to suit application, access to service lines for adjacent equipment; service lines and connections concealed in wall, access panels as required for access to services; floor to ceiling as required; angle iron frame; services secured to frame; no exposed service lines; Removable panels to be removable without the use of tools where easily accessible; All shutoff valves to be concealed in chases and easily accessible, label valve locations; Outlets as required Large chase to house shut-offs, filters, fire suppression system; swing doors with full length piano hinges				x	x	x x							to suit hood fla	05 all; 55 shin g	of or		

	Location		Details	_		•				Ele	ectrical			Plum	bing	G	as	Exhaus	:		Sizing		Alterr	ate Manufactu	rer
Facility Room Existing Facility No. Room Name	New Facility Room No.		Equipment Name	Category	QTY	Manufacture	er Model	Specification	Load	Volts	Phase	Direct Plug	Hot Water	Cold Water	Direct Ind. Drain Drain	Gas size			st. Le	ngth W	idth	Height	А	В	С
	4.41	Teaching Kitchen (bake area)	EXHAUST HOOD	CSCI	1	Spring Air	FN-B-MB-ZM VE series	Unit(s) to be integral with Mechanically designed HVAC system Box type or island type high efficiency low air volume exhaust hood with integral make-up air plenum and demand control system, control panels, etc. Sized to suit equipment below (ensure minimum 200mm overhang on all sides); ULC listed; Fabricated and installed to meet all governing codes and in compliance with latest ULC & NFPA-96 requirements and authority having jurisdiction; Stainless steel liquid tight construction; Easy access to all components; Fire dampers if required, Fire dampers activated by thermostatic or mechanical detection, Mechanical gas valve; Interconnection to building automation and/or fire systems; Hanging brackets – full length and continuous – seismically restrained	as req'd	120/208	1	x								suit to esign de		o suit design	Halton		
	4.41	Teaching Kitchen (bake area)	FIRE SUPPRESSION SYSTEM	CSCI	1	Kidde	Wet Chemical	Wet chemical; Fabricated and installed to meet all governing codes and in compliance with latest regulations and authority having jurisdiction Standard with Capacity for coverage of all cooking equipment under hoods, plenum and ducts as required by code and authority having jurisdiction; Provide shutoff valves and solenoids, coordinate installation of same with applicable subtrade; remote fire pull; Conceal all piping where possible, exposed piping to be chrome plated, exposed horizontal piping not acceptable; Activation of system by globe fusible links, mechanical detection; Integral with Exhaust Hood(s); 1 required hand held 'K' class fire extinguisher; provide all applicable certifications, letters of assurance, letters of compliance and other documents/drawings as requested by AHJ (Authority Having Jurisdiction) for a complete certified operational system; coordinate operation of the system as it relates to the building systems; and requirements of the AHJ; Line work to remote pull to be concealed in wall	6A	120	1	x												Ansul	
Bake Area	4.41	Teaching Kitchen (bake area)	DECK OVEN	OSOI	1	Doyon	2Т3	Standard with 3 decks/chambers; baking temperature range 120C - 300C; capacity 6 sheet pans total; 203mm chamber height	3 @ 18A	208	3	х		3 @ 19									Univex		
	4.41	Teaching Kitchen (bake area)	BAKE OVEN	OSCI	1	Doyon	Existing		46A	208	3	x		6									Moffatt		
	4.41	Teaching Kitchen (bake area)	2 BURNER UNIT	CSCI	1	Wells	H2412G-IO	Standard								19	24						Garland	Quest	
	4.41	Teaching Kitchen (bake area)	BURNER STAND	CSCI	1	Custom Fabricated		Stainless steel construction with solid top, boxed edges, bottom shelf; 127mm heavy duty casters, front with locks											eq	suit to uipm ed ent m					
Bake Area	4.41	Teaching Kitchen (bake area)	PROOFER	OSCI	1		Existing		verify	120	1	х							_ ¯						
Bake Area	4.41	Teaching Kitchen (bake area)	ANGLE RACK	OSCI	LOT		Existing																		

	Location		Details							Ele	ectrical			Plur	mbing	Gas	Exhaust		S	izing	Alte	rnate Manufact	urer
Existing Facility Room Existing Facility No. Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacture	r Model	Specification	Load	Volts	Phase	Direct Plug	g Hot Wate				CFM MU.	Lengt	h Width	n Height	А	В	С
NO. HOUR NAME	4.41	Teaching Kitchen (bake area)	BAKERS TABLE	CSCI	1	Custom Fabricated	Weder	Stainless steel construction with maple top; Boxed edges; back and end splashes as required; front edge with 'U' shaped flour trough, full width of tabling – radiused bottom, open both ends, hemmed front edge, approximately 50mm wide x 50mm deep; Bracing as required; Space for ingredient bins; stainless steel overshelf with boxed edges;										to su desig (152 min	n es 4 flour	900			
	4.41	Teaching Kitchen (bake area)	BAKERS TABLE	CSCI	1	Custom Fabricated		Stainless steel construction with maple top; Boxed edges; back and end splashes as required; front edge with 'U' shaped flour trough, full width of tabling – radiused bottom, open both ends, hemmed front edge, approximately 50mm wide x 50mm deep; Bracing as required; Space for ingredient bins; stainless steel overshelf with boxed edges;										to su desig (183 min)	0 flour	900			
	4.41	Teaching Kitchen (bake area)	BLENDER	OSOI	1	Waring Commercial	CB10B	Standard	3.75HP	120	1	х											
	4.41	Teaching Kitchen (bake area)	SCALE - COUNTER	OSOI	1	Globe Food Equipment	GPS10	Standard with adapter and cord	4A	120	1	х									Detecto	Hobart	
Bake Area	4.41	Teaching Kitchen (bake area)	SCALE	OSOI	1		Existing																
Bake Area	4.41	Teaching Kitchen (bake area)	MIXER - FLOOR	OSCI	1	Spar	Existing	50HI-M	2HP	208	1	х											
	4.41	Teaching Kitchen (bake area)	MIXER RACK	CSCI	1	Custom Fabricated		Stainless steel construction; table or wall mounted; stainless steel bar with hooks or stainless steel rods (min 5)															
	4.41	Teaching Kitchen (bake area)	WORK TABLE	CSCI	1	Custom Fabricated		Stainless steel construction; boxed edges; bracing as required; sink approximately 355 x 410 x 250 mm deep, all welded, all coved; lever waste; swing faucet; drawer; bottom shelf with boxed edges; stainless steel double overshelf; 2 cutting boards with stainless steel angle slide holders					13	13	38			to su desig (152 min	760 760	900			
		Teaching Kitchen (bake	MIXER - 20QT	OSCI	1		Existing		10A	120	1	х									Hobart	Berkel	
Bake Area	4.41	area) Teaching Kitchen (bake area)	MIXER STAND	OSCI	1	Custom Fabricated	Existing																
Bake Area	4.41	Teaching Kitchen (bake area)	INGREDIENT BINS	OSCI	LOT	. abricateu	Existing						+								1		
Bake Area	4.41	Teaching Kitchen (bake area)	MIXER - COUNTER	OSCI	LOT	Kitchen Aide							+										
Bake Area	4.41	Teaching Kitchen (bake area)	POT RACK	OSCI	1	Wire	Existing											915	610 y verify				
	4.41	Teaching Kitchen (Hot Station 1- Entrée)	HAND SINK	CSCI	1	Eagle Group/Metal Masters		Standard with Knee operated and wall mounted; sealed to wall; Gooseneck faucet, p-trap and tail piece; basket drain					13	13	38			verif	y verity		EFI	Polar	Custom Fabricated
	4.41	Teaching Kitchen (Hot Station 1- Entrée)	SOAP & TOWEL DISPENSER	OSOI	1	(refer to othe section)	er																

Location		Details							Ele	ectrical				Plumb	ing		Gas	Exha	ust		Sizi	ing	Alter	rnate Manufactu	ırer
Existing Facility Room Existing Facility New Facili No. Room Name Room No		Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts	Phase	Direct				Direct Ind. Drain Drain	Gas size	MBTU load	CFM est.	MUA est.	Length	Width	Height	А	В	С
4.41	Teaching Kitchen (Hot Station 1- Entrée)	SERVICE WALL / FLASHING	CSCI	1	Custom Fabricated		Stainless steel construction; Sized to suit application, access to service lines for adjacent equipment; service lines and connections concealed in wall, access panels as required for access to services; floor to ceiling as required; angle iron frame; services secured to frame; no exposed service lines; Removable panels to be removable without the use of tools where easily accessible; All shutoff valves to be concealed in chases and easily accessible, label valve locations; Outlets as required Large chase to house shut-offs, filters, fire suppression system; swing doors with full length piano hinges				х	x	×	×						to suit hood	250 wall; 25 flashin g	1220 wall; underside of hood to floor for flashing			
	Teaching Kitchen (Hot Station 1- Entrée)	EXHAUST HOOD	CSCI	1	Spring Air	FN-B-MB-ZM VE series	Unit(s) to be integral with Mechanically designed HVAC system Box type or island type high efficiency low air volume exhaust hood with integral make-up air plenum and demand control system, control panels, etc. Sized to suit equipment below (ensure minimum 200mm overhang on all sides); ULC listed; Fabricated and installed to meet all governing codes and in compliance with latest ULC & NFPA-96 requirements and authority having jurisdiction; Stainless steel liquid tight construction; Easy access to all components; Fire dampers if required, Fire dampers activated by thermostatic or mechanical detection, Mechanical gas valve; Interconnection to building automation and/or fire systems; Hanging brackets – full length and continuous – seismically restrained	as req'd	120/208	1	х							2100 est		to suit design			Halton		
4.41	Teaching Kitchen (Hot Station 1- Entrée)	FIRE SUPPRESSION SYSTEM	CSCI	1	Kidde	Wet Chemical	Wet chemical; Fabricated and installed to meet all governing codes and in compliance with latest regulations and authority having jurisdiction Standard with Capacity for coverage of all cooking equipment under hoods, plenum and ducts as required by code and authority having jurisdiction; Provide shutoff valves and solenoids, coordinate installation of same with applicable subtrade; remote fire pull; Conceal all piping where possible, exposed horizontal piping ont acceptable; Activation of system by globe fusible links, mechanical detection; Integral with Exhaust Hood(s); 1 required hand held 'K' class fire extinguisher; provide all applicable certifications, letters of assurance, letters of compliance and other documents/drawings as requested by AHJ (Authority Having Jurisdiction) for a complete certified operational system; coordinate operation of the system as it relates to the building systems; and requirements of the AHJ; Line work to remote pull to be concealed in wall	6A	120	1	x													Ansul	
4.41	Teaching Kitchen (Hot Station 1- Entrée)	RANGE	OSCI	1		Existing										19	236						US Range	Quest	Montague
4.41	Teaching Kitchen (Hot Station 1- Entrée)	RANGE W/OVEN	CSCI	1	Garland	G36-6R	Standard with 6 burners; standard oven; heavy-duty casters, front casters c/w brakes; standard backguard									19	236						US Range Ne		Montague er Secondary Schoo 1E - Equipment List

		Location		Details							Ele	ectrical				Plumbir	ng		Gas		Exha	ust		Sizir	ng	Altern	ate Manufactu	urer
Existing															Hot		Direct Inc	d	N			NALIA					_	
Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts	Phase	Direct	Plug		Water D						est.	Length	Width	Height	А	В	С
			Teaching Kitchen (Hot	SALAMANDER	OSOI	1	Garland	GFIR36C	Standard; wall mounted with heat shield									1	3	28						US Range	Quest	Montague
		4.41	Station 1- Entrée)	SALAWANDEN	0301	-	Gariana	GI INSUC	or range mounted											20						03 Nange	Quest	Wiontague
									Standard with single deck unit with stand with heavy duty casters, front casters c/w																			
									brakes; digital controls; two speed																			
			Tanching Kitchen (Hot	CONVECTION OVEN 3 DECK					motor/fan; electronic spark ignition with																			
			Teaching Kitchen (Hot Station 1- Entrée)	CONVECTION OVEN - 2 DECK 1 DECK	CSCI	1	US Range	SUMG-100	automatic pilot system and 100% safety	2 @ 5.2A	120	1		Х				2	5	106						Garland	Blodgett	
									shut-off; celsius controls; porcelain enameled oven interior with coved																			
									corners																			
		4.41																										
									Stainless steel construction; boxed edges;																			
									bracing as required; sink approximately														to suit					
			Teaching Kitchen (Hot Station 1- Entrée)	WORK TABLE	CSCI	1	Custom Fabricated		355 x 410 x 250 mm deep, all welded, all coved; lever waste; swing faucet; drawer;						13	13	38						design (2135	760	900			
			Station 1- Littlee)				Tabricateu		bottom shelf with boxed edges														min)					
		4.41							_														,					
							Eagle		Standard with Knee operated and wall																			
			Teaching Kitchen (Hot Station 2)	HAND SINK	CSCI	1	Group/Metal	HSA-10-1FK	mounted; sealed to wall; Gooseneck faucet, p-trap and tail piece; basket drain						13	13	38									EFI	Polar	Custom Fabricated
		4,41	Station 2)				Masters		radect, p trap and tall piece, basket drain																			Tabricated
			Teaching Kitchen (Hot				(refer to other																					
		4.41	Station 2)	SOAP & TOWEL DISPENSER	OSOI	1	section)																					
		4,41							Stainless steel construction; Sized to suit									-		1								
									application, access to service lines for																			
									adjacent equipment; service lines and																			
									connections concealed in wall, access																			
									panels as required for access to services;																			
									floor to ceiling as required; angle iron frame; services secured to frame; no																			
									exposed service lines; Removable panels															250	1220 wall;			
			Teaching Kitchen (Hot	SERVICE WALL / FLASHING	CSCI	1	Custom		to be removable without the use of tools				x	x	x	x							to suit	wall; 25	underside of			
			Station 2)	SERVICE WALL/ FLASHING	CSCI	1	Fabricated		where easily accessible; All shutoff valves				Α	^	^	^							hood(s)	flashin	hood to floor			
									to be concealed in chases and easily															g	for flashing			
									accessible, label valve locations; Outlets as required																			
									Large chase to house shut-offs, filters, fire																			
									suppression system; swing doors with full																			
									length piano hinges																			
		4,41																										
		.,							Unit(s) to be integral with Mechanically																			
									designed HVAC system																			
									Box type or island type high efficiency low																			
									air volume exhaust hood with integral																			
									make-up air plenum and demand control system, control panels, etc. Sized to suit																			
									equipment below (ensure minimum																			
									200mm overhang on all sides); ULC listed;																			
									Fabricated and installed to meet all																			
									governing codes and in compliance with																			
			Teaching Kitchen (Hot	EXHAUST HOOD(S)	CSCI	LOT	Spring Air	FN-B-MB-ZN	latest ULC & NFPA-96 requirements and authority having jurisdiction; Stainless	as req'd	120/208	1	х								000	7000	to suit	to suit	to suit design	Halton		
			Station 2)		3.5.			VE series	steel liquid tight construction; Easy access		., _00	-	"							1	EST	EST	design	design		.=/		
									to all components; Fire dampers if																			
									required, Fire dampers activated by																			
									thermostatic or mechanical detection, Mechanical gas valve; Interconnection to																			
									building automation and/or fire systems;																			
									Hanging brackets – full length and																			
									continuous – seismically restrained																			
		4,41																										

		Location		Details							El	ectrical				Plumbing			Gas	Ex	haust		Sizi	ng	Altern	nate Manufacti	urer
Existing Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts	Phase	Direct	Plug		Cold Dire	ect Ind.	Gas size	MRTU	CFM est.		Length	Width	Height	А	В	С
		4,41	Teaching Kitchen (Hot Station 2)	FIRE SUPPRESSION SYSTEM	CSCI	1	Kidde	Wet Chemical	Wet chemical; Fabricated and installed to meet all governing codes and in compliance with latest regulations and authority having jurisdiction Standard with Capacity for coverage of all cooking equipment under hoods, plenum and ducts as required by code and authority having jurisdiction; Provide shutoff valves and solenoids, coordinate installation of same with applicable subtrade; remote fire pull; Conceal all piping where possible, exposed piping to be chrome plated, exposed horizontal piping not acceptable; Activation of system by globe fusible links, mechanical detection; Integral with Exhaust Hood(s); 1 required hand held 'K' class fire extinguisher; provide all applicable certifications, letters of assurance, letters of compliance and other documents/drawings as requested by AHJ (Authority Having Jurisdiction) for a complete certified operational system; coordinate operation of the system as it relates to the building systems; and requirements of the AHJ; Line work to remote pull to be concealed in wall	6 A	120	1	х													Ansul	
		7,74	Teaching Kitchen (Hot Station 2)	COMBI OVENS W/FILTER (stacked unit)	CSCI	1		C4ES 6.20 / 6.20	Standard stacked unit with stacking kit; disappearing door; casters with locks; cook and hold feature; slow cooking capability; capacity for six 18" x 26" full size sheet pans or 12 full size 63mm deep insert pans minimum; ; integral cleaning system with one set of cleaning supplies supplied for each unit; wire rack units; filter system; one full day on-site training	44.1A each unit	208	3	х			@ 19 each unit	50 ead unit	h							AltoShaam	Naboo	
		4,41	T				Ch l l		Charles I Shares I Shall be a balant																		
		4,41	Teaching Kitchen (Hot Station 2)	STEAMER	CSCI	1	Range	22CET6.1	Standard with stand with slide out shelf	29.8A	208	3	Х		2	@ 19	38								SteamCan	Vulcan	
		4,41	Teaching Kitchen (Hot Station 2)	TILT. SKILLET - 30G	OSOI	1	Cleveland Range	SEL30TR	Standard with double pantry faucet; 50mm tangent draw-off valve	40A	208	3	Х		13	13									SteamCan	Vulcan	
		4,41	Teaching Kitchen (Hot Station 2)	TILT. KETTLE - 25G	OSCI	1		Existing	Standard with double pantry faucet; 50mm tangent draw-off valve	27.2A	208	3	х		13	13									SteamCan	Vulcan	
		4,41	Teaching Kitchen (Hot Station 2)	TILT. KETTLE - 60G	OSOI	1	Cleveland Range	KEL-60-TSH	Standard with double pantry faucet; 50mm tangent draw-off valve	40.9A	208	3	Х		13	13									SteamCan	Vulcan	
		4,41	Teaching Kitchen (Hot Station 2)	FLOOR DRAIN PAN	CSCI	1	Custom Fabricated		16 gauge stainless steel construction; Depth of unit to suit site conditions minimum 100mm; All welded; Stainless steel tail piece and waste; Slope bottom to drain; Pan to be flush with finished floor, "Z" bars welded to bottom for support; stainless steel drain pipe with lift out strainer basket; skid-resistant walking surface grating, fibergrate molded fiberglass, honeycomb or similar removable grate approved for foodservice areas, to be removable in sections no greater than 450 x 1220mm; to be level with finished floor							7:	5					to suit design	as t requir n ed for equip.				
		4,41 4,41	Teaching Kitchen (Hot Station 2)	WORK TABLE	CSCI	1	Custom Fabricated		Stainless steel construction; boxed edges; bracing as required; sink approximately 355 x 410 x 250 mm deep, all welded, all coved; lever waste; swing faucet; drawer; bottom shelf with boxed edges						13	13 38	3					to suit design (2135 min)	760	900			
		4.41	Teaching Kitchen (Hot Station 2)	WORK TABLE	CSCI	1	Custom Fabricated		Stainless steel construction; boxed edges; bracing as required; drawer; bottom shelf with boxed edges													to suit design (1830 min)	760	900			

		Location		Details							Ele	ectrical				Plumbing	i		Gas	E	xhaust	1	Siz	ing	Altern	nate Manufacti	ırer
Existing Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts	Phase	Direct	Plug		Cold Dir Vater Dr			ze MB1				n Width	Height	А	В	С
		4.41	Teaching Kitchen (Hot Station 2)	WORK TABLE	CSCI	1	Custom Fabricated		Stainless steel construction; boxed edges; bracing as required; drawer; bottom shelf with boxed edges													to sui desig (1830 min)	n 760	900			
		4.41	Teaching Kitchen (Hot Station 2)	TOASTER	OSCI	1	Hatco	Existing		verify	208	1		Х													
		4.41	Teaching Kitchen (Hot Station 3)	HAND SINK	CSCI	1	Eagle Group/Metal Masters		Standard with Knee operated and wall mounted; sealed to wall; Gooseneck faucet, p-trap and tail piece; basket drain						13	13 3	8								EFI	Polar	Custom Fabricated
		4.41	Teaching Kitchen (Hot Station 3)	SOAP & TOWEL DISPENSER	OSOI	1	(refer to other section)																				
		4.41	Teaching Kitchen (Hot Station 3)	SERVICE WALL / FLASHING	CSCI		(see Hot Station 2)																				
		4.41	Teaching Kitchen (Hot Station 3)	EXHAUST HOOD	CSCI		(see Hot Station 2)																				
			Teaching Kitchen (Hot	FIRE SUPPRESSION SYSTEM	CSCI		(see Hot																				
		4.41	Station 3) Teaching Kitchen (Hot Station 3)	RANGE W/CONVECTION OVEN	CSCI	1	Station 2) Garland	G36-6C	Standard with 6 burners; convection oven; heavy duty casters, front casters c/w brakes; standard backguard	3.4A	120	1		х				19	23	5					US Range	Quest	Montague
		2																									
		4.41	Teaching Kitchen (Hot Station 3)	GRIDDLE/BROILER UNIT	OSCI	1		Existing										х	х								
		4.41	Teaching Kitchen (Hot Station 3)	FRYER	CSCI	1	Frymaster	2FQG30U 1FQG30U	Standard two one fryers 15L capacity with heavy-duty casters, front casters c/w brakes; fry pot cover; sediment tray; spreader cabinet each side	1A & 8A	120	1		х				25	15	0					Pitco		
			Teaching Kitchen (Hot Station 3)	WORK TABLE	CSCI	1	Custom Fabricated		Stainless steel construction; boxed edges; bracing as required; sink approximately 355 x 410 x 250 mm deep, all welded, all coved; lever waste; swing faucet; drawer; bottom shelf with boxed edges						13	13 3	8					to sui desig (213! min)	n 760	900			
		4.41	Teaching Kitchen (Hot Station 3)	WORK TABLE	CSCI	1	Custom Fabricated		Stainless steel construction; boxed edges; bracing as required; drawer; bottom shelf with boxed edges													to sui desig (213! min)	760	900			
		4.41	Teaching Kitchen (Hot Station 3)	MICROWAVE OVEN	OSCI	1		Existing		verify	120	1		Х													
			Teaching Kitchen (Hot Station 3)	WORK TABLE	OSCI	2	Custom Fabricated	Existing	no backsplash														760 verify				
		4.46	Warewashing	HAND SINK	CSCI	1	Eagle Group/Metal Masters	HSA-10-1EK	Standard with Knee operated and wall mounted; sealed to wall; Gooseneck faucet, p-trap and tail piece; basket drain						13	13 3	8					Veri	Verily		EFI	Polar	Custom Fabricated
		4.46	Warewashing	SOAP & TOWEL DISPENSER	OSOI	1	(refer to other section)																				
			Warewashing	EYE WASH STATION	CSCI	1	Guardian		Standard with tempering unit						13	13 3	8								Uline		
			Warewashing	POT SINKS	CSCI	1	Custom Fabricated		Stainless steel construction; edges up and rolled; backsplash up 250mm and splayed to wall, closed ends; space for waste bin; bracing as required; drainboards slope to sinks; 1 sink 675 x 610 x 355mm deep; all welded, rolled front and back; 2 sinks 675 x 510 x 355mm deep; all welded, rolled front and back; 2 required backsplash mounted faucets with 19mm dia swing spouts; lever wastes as specified						19	19 3 5	@ O					to sui desig		900			
		4.46 4.46		OVERSHELF	CSCI	1	Custom Fabricated		Stainless steel construction; boxed edges; high unit, full length of prep sinks; table or wall mounted													1220 min.					
		4.46	Warewashing	DISH/POT RACK	OSCI	LOT	<u> </u>	Existing	Add casters to 6 units				<u> </u>	ļ													

		Location		Details							Ele	ectrical		1		Plumbin	2	1	Gas	Ext	naust		Sizin	ng	Altern	ate Manufactu	ırer
Existing Facility Roon	Existing Facility	New Facility		200000						Load			Direct	Dlug	Hot		ect Ind.		MRTU	CFM		Longth			Δ	D	С
No.	Room Name	Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts	Phase	Direct	Plug		Water Dr	ain Drain	Gas siz	load	est.	est.	Length	wiath	Height	А	В	C
		4.46	Warewashing	DISHTABLE	CSCI	1	Custom Fabricated		Stainless steel construction; edges up and rolled; back and end splash up 250mm and splayed to wall, closed ends; bracing as required; drainboard slopes to scrap collector; allow for space for waste cans; opening in top and reinforce top for scrap collector unit; rack overshelf wall or table mounted														to suit design	900			
		4.46	Warewashing	PRE-RINSE UNIT	CSCI	1	Fisher	13382	Standard with 1220mm hose length; wall bracket; vacuum breaker; in-line dual check valve; wrist style handles; spray valve with designed flow restrictor to meet Energy Star						13	13									T&S	Encore	
		4.46	Warewashing	SCRAP COLLECTOR	OSOI	1	Salvajor		Standard with scrap basket for BC market; control panel with mounting bracket	11A	120	1	х		13	13 5	0								In-Sink-Erator		
		4.46	Warewashing	DISHWASHER W/BOOSTER	CSCI	1	Champion Industries		Standard high temperature operation unit; with integral 21C rise booster; direction to suit design; electric tank heat; table limit switch; stainless steel front panel; stainless steel legs with flanged feet; stainless steel extended hoods with vent cowl collars both ends; drain tempering kit	131A	208	3	х		19	3	8								Hobart	Jackson	
		4.46	Warewashing	VENT DUCTS/CONDENSATE CANOPY	CSCI	LOT	Custom Fabricated		Stainless steel construction; water tight; all welded; locking damper											600		to suit	to suit dishw asher f	top of dw collars to u/s finished ceiling			
		4.46	Warewashing	DISHTABLE	CSCI	1	Custom Fabricated		Stainless steel construction; edges up and rolled; back and end splash up 250mm and splayed to wall, closed ends; bracing as required; drainboard slopes to dishwasher; perforated bottom shelf																		
		4.46	Warewashing	U/C HOSE REEL	CSCI	1	Fisher	2984	Standard with vacuum breaker; mixing valves; table mounted, cross handles; spray valve with designed flow restrictor to meet Energy Star; backflow prevention						13	13									T&S	Encore	
		1.02	Servery (line 1)	COFFEE BREWER	OSOI	1	(refer to other section)		(Operator Supplied)	23A	208	1	х			13											
		1.02	Servery (line 1)	PASS-THRU REFRIGERATOR	CSCI	1	True Food Service	GDM-49RL	Standard with black finish – interior and exterior; black shelving, 2 additional shelves; sliding doors on customer side with locks (or open front with night security closure); rear swing doors with locks; self-contained, condensate evaporator; low profile casters with locks	7.3A	120	1		х											Structural Concepts		
		1.02	Servery (line 1)	SERVICE COUNTER	CSCI	1	Custom Fabricated		Stainless steel cabinet construction; stainless steel top with boxed edges; stainless steel removable kickplates; openings and recesses as required for equipment; solid bottom shelves with access panels as required to access drain & service lines; solid adjustable intermediate shelves; integral provide power distribution panel(s); integral tray rail, stainless steel with 'v' raised sliders, rolled front edging, concealed mounting brackets, integral utility chase, with removable access panels as required for access to service line runs, plastic laminate finish on customer side; provide recessed sections at either end for trays under tray rail verify tray size; deck mounted fill faucets Fisher model 3011 or equivalent – hot water				×		4 @ 13							to suit design	305m m tray slide; count er to suit design	900 working height	Ŋow	y Węstminsk	er Secondary Schoo

Locatio	n	Details							Ele	ectrical		I		Plumb	oing	1	Gas	Exhau	ıst		Sizir	ng	Altern	ate Manufactu	rer
Existing		25											Hot		Direct Ind.		MBTU		MUA						
Facility Room Existing Facility New Facility No. Room Name Room		Equipment Name	Category	QTY	Manufacture	r Model	Specification	Load	Volts	Phase	Direct 1	ΡΙτισ 📗			Drain Drain	Gas size	load		est.	Length	Width	Height	А	В	С
	·					MOD-	Standard with drain valve extension kit;																		
1.0	Servery (line 1)	HOT WELL UNIT (4 WELL)	CSCI	1	Wells	400TDM	drain screens; individual infinite wells	23.8A	208	1	Х				25								Delfield	Vollrath	
1.0	2						controls Stainless steel construction with sloped										1								
							front, stainless steel top sized to																		
							accommodate heat lamp, tempered glass													to suit					
	Servery (line 1)	SNEEZEGUARD / OVERSHELF	CSCI	1	Custom		front and sides sneezeguard edge to be													hot	305	435			
	,,,,,,	•			Fabricated		beveled with chrome/stainless steel acorn anchoring nuts, 25mm square stainless													well unit	top				
							steel support tubing													unit					
1.0																									
1.0		HEAT LAMP	CSCI	1	Hatco	GRAH-48		9.2A	120	1	Х			42									Merco	Gann	
1.0	Servery (line 1)	HOT WATER DISPENSER	OSCI	1		Existing	(Operator Supplied)	verify	Х	1	х	Х		13			+ +								
	Servery (line 1)	POS UNIT	OSOI	1	(refer to othe	er	(operator supplied)	4A	120	1		Х													
1.0	2				section)																				
							Standard with black finish – interior and																		
							exterior; black shelving, 2 additional shelves; sliding doors on customer side																		
				_	True Food		with locks (or open front with night																		
	Servery (line 2)	PASS-THRU REFRIGERATOR	CSCI	1	Service	GDM-49RL	security closure); rear swing doors with	7.3A	120	1		Х											Structural Concepts		
							locks; self-contained, condensate																		
1.0	,						evaporator; low profile casters with locks																		
1.0	<u>-</u>															1	<u> </u>								
	Servery (line 2)	SERVICE COUNTER	CSCI		(see Servery																				
1.0	2				Line 1)	+	Standard with drain valve extension kit;				\vdash						+							+	
	Servery (line 2)	HOT WELL UNIT (4 WELL)	CSCI	1	Wells	MOD-	drain screens; individual infinite wells	23.8A	208	1	x				25								Delfield	Vollrath	
1.0		(_		400TDM	controls			_													20		
							Stainless steel construction with sloped																		
							front, stainless steel top sized to																		
		SNEEZEGUARD/			Custom		accommodate heat lamp, tempered glass front and sides sneezeguard edge to be													to suit hot	305				
	Servery (line 2)	OVERSHELF	CSCI	1	Fabricated		beveled with chrome/stainless steel acorn													well	top	435			
							anchoring nuts, 25mm square stainless													unit					
							steel support tubing																		
1.0		HEAT LAMP	CSCI	1	Hatco	GRAH-48		9.2A	120	1	х						1						Merco	Gann	
1.0		HOT WATER DISPENSER	OSOI	1	Bunn	HW2	Standard	14.71A	120	1	X			13									Curtis	- Cuiiii	
	Servery (line 2)	SALAD STATION - MOBILE	OSOI	1	Delfield	SCSC-60	Standard with casters with locks; work	7A	120	1		Х			25								Custom Fabricated	Piper	LTI
1.0	2						shelf; unit to hold 4 insert pans Stainless steel construction with sloped		_								1								
							front, stainless steel top, tempered glass																		
		SNEEZEGUARD/			Custom		front and sides sneezeguard edge to be													to suit salad	305				
	Servery (line 2)	OVERSHELF	OSOI	1	Fabricated		beveled with chrome/stainless steel acorn													station	top	435			
							anchoring nuts, 25mm square stainless													recess					
1.0	2						steel support tubing																		
					(refer to othe	er er	(Operator Supplied)									1	1 1								
	Servery (line 2)	POS UNIT	OSOI	1	section)			4A	120	1		Х													
1.0	2				1	+	Millwork cabinet construction; top with				1			+			+ -							+	
	Servery (line 2)	CASH STATION - MOBILE	CSCI	1	Custom		boxed edges; swing doors with locks;													to suit	1360	900			
1.0					Fabricated		heavy duty casters with locks										\bot			design					
	Conjuny (line 2)	CONDIMENT STATION	CCC	1	Custom		Millwork cabinet construction; top with													1220	610	000			
1.0	Servery (line 2)	CONDIMENT STATION	CSCI	1	Fabricated		boxed edges; swing doors with locks; heavy duty casters with locks													1220	610	900			
1.0							Waste and recycling triple unit; flat top;										† †								
	Servery (line 2)	RECYCLE STATION	CSCI	2	Nex-Terra	Sherwood	rigid liners; levelers; opening labels;																Custom Fabricated		
1.0				_		,500	hinged doors; notched handles;																		
1.0		WASTE CAN	OSOI	LOT	Existing	Existing								+		1	+ 1		1					+	
					Custom		Stainless steel construction; wall corner																		
	Servery (line 2)	CORNER GUARDS	CSCI	LOT	Fabricated		mounted from top of wall base														50/50	1220			
1.0	4			<u> </u>	<u> </u>	<u> </u>				<u> </u>							<u> </u>								
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																								Annendiv	ir - Faiiinment List

		Location		Details							Ele	ectrical			Plumb	ing	Gas		xhaust	Siz	ing	Alteri	nate Manufact	urer
Existing Facility Room No.	Existing Facility Room Name	New Facility Room No.	New Facility Room Name	Equipment Name	Category	QTY	Manufacturer	Model	Specification	Load	Volts	Phase	Direct	Plug	Hot Cold Water Water	Direct Ind. Drain Drain	Gas size	1BTU CFN oad est	MUA est.	Length Width	Height	А	В	С