ILC SURFACE BUILDINGS			ILC Point	Point 1.0, 1.1	Points 2, 3, 4, 5, 6, 7, Main Linac	Point 8 RTML	Point 9 RTML & e- source	Point 10, 11 Main RTML	Points 12, 13 16, 17 DR Eq + pers	Points 14, 15 18, 19 DR pers. only
Site Access Control Building Reception	Reception Point 1 building	Number of building	[-]	1						
		Comment 1		Concrete building						
		Comment 2		80 of. / 3 levels						
		Lenght x width	[mxm]	3 x 40x12						
		Surface	[m2]	1440						
		Height	[m]	10.5						
		Crane	[t]	-						
		Electrical Power	[A]	280						
		Cooling Water	[KW]	180						
		Compressed Air	[Nm3/h]	-						
		Lift	[-]	1						
Service building	Office Machine & techn. building	Number of building	[-]	2						
		Comment 1		Concrete building						
		Comment 2		4 levels						
		Lenght x width	[mxm]	4 x 60x20						
		Surface	[m2]	4800						
		Height	[m]	14						
		Crane	[t]	-						
		Electrical Power	[A]	700						
		Cooling Water	[m3/h]	?						
		Compressed Air	[Nm3/h]	-						
		Lift	[-]	2						
Central Laboratory Buildings Main building	Central Laboratory buildings	Number of building	[-]	2						
		Comment 1		Concrete building						
		Comment 2		5 levels						
		Lenght x width	[mxm]	5 x 60x15						
		Surface	[m2]	4500						
		Height	[m]	18.5						
		Crane	[t]	-						
		Electrical Power	[A]	900						
		Cooling Water	[m3/h]	?						
		Compressed Air	[Nm3/h]	-						
		Lift	[-]	2						
Office Buildings (Safety Building)	Fire brigade Safety & Medical building	Number of building	[-]	1						
		Comment 1		Concrete building						
		Comment 2		45 of. / 2 levels						
		Lenght x width	[mxm]	2 x 30x12						
		Surface	[m2]	720						
		Height	[m]	7						
		Crane	[t]	-						
		Electrical Power	[A]	200						
		Cooling Water	[KW]	180						
		Compressed Air	[Nm3/h]	-						
		Lift	[-]	1						
User Facilities Buildings (Restaurant & Cafeteria)	Restaurant & Cafeteria building	Number of building	[-]	1						
		Comment 1		Concrete building						
		Comment 2		2 level						
		Lenght x width	[mxm]	2 x 25x25						
		Surface	[m2]	1250						
		Height	[m]	8						
		Crane	[t]	-						
		Electrical Power	[A]	300						
		Cooling Water	[KW]	250						
		Compressed Air	[Nm3/h]	-						
		Lift	[-]	1						
User Facilities Buildings (Hostel)	Hostel building	Number of building	[-]	1						
		Comment 1		Concrete building						
		Comment 2		100 r. / 3 levels						
		Lenght x width	[mxm]	3 x 50x15						
		Surface	[m2]	2250						
		Height	[m]	12						
		Crane	[t]	-						
		Electrical Power	[A]	400						
		Cooling Water	[KW]	280						
		Compressed Air	[Nm3/h]	-						
		Lift	[-]	2						
Control Building	Control Detector & Machine building	Number of building	[-]	1						
		Comment 1		Concrete building						
		Comment 2		3 levels						
		Lenght x width	[mxm]	3 x 42x10						
		Surface	[m2]	1260						
		Height	[m]	12						
		Crane	[t]	-						
		Electrical Power	[A]	250						
		Cooling system	[KW]	700						
		Compressed Air	[Nm3/h]	-						
		Lift	[-]	1						
Detector Assembly building	Detector Assembly Building	Number of building	[-]	2 x 1						
		Comment 1		Steel bld						
		Comment 2		Temp. Gantry Crane 2000 t.						
		Lenght x width	[mxm]	100x25						
		Surface	[m2]	2500						
		Height	[m]	23						
		Crane	[t]	2x80						
		Electrical Power	[A]	2000						
		Cooling Water	[m3/h]	?						
		Compressed Air	[Nm3/h]	?						
		Noise	[dBA]	-						
Gaz Building	Gaz building	Number of building	[-]	1						
		Comment 1		Concrete building						
		Comment 2								
		Lenght x width	[mxm]	40x10						
		Surface	[m2]	400						
		Height	[m]	4						
		Crane	[t]	-						
		Electrical Power	[A]	300						
		Cooling Water	[m3/h]	?						
		Compressed Air	[Nm3/h]	?						
		Lift	[-]	-						
Survey Gallery	Survey Test Gallery building	Number of building	[-]	1						
		Comment 1		Concrete building						
		Comment 2								
		Lenght x width	[mxm]	100x8						
		Surface	[m2]	800						
		Height	[m]	4						
		Crane	[t]	-						
		Electrical Power	[A]	160						
		Cooling Water	[m3/h]	?						
		Compressed Air	[Nm3/h]	?						

		Lift	[-]							
Survey calibration base	Survey outside calibration base	Number of building	[-]	1						
		Comment 1		1 km long,						
		Comment 2		1 pillar each 50m						
		Lenght x width	[mxm]	straigth line						
		Surface	[m2]	-						
		Height	[m]	-						
		Crane	[t]	-						
		Electrical Power	[A]	-						
		Cooling Water	[m3/h]	-						
		Compressed Air	[Nm3/h]	-						
		Noise	[dBA]	-						
Offices buildings Services	Offices building	Number of building	[-]	1	6 x 1			2 x 1	4 x 1	
		Comment 1		Concrete building	Steel bld			Steel bld	Steel bld	
		Comment 2		58 of. / 4 levels					1 levels	
		Lenght x width	[mxm]	4 x 30x12	20x10			20x10	20x10	
		Surface	[m2]	1440	200			200	200	
		Height	[m]	7	4.5			4.5	4.5	
		Crane	[t]	-	-			-	-	
		Electrical Power	[A]	280	50			50	50	
		Cooling Water	[m3/h]	250	?			?	?	
		Compressed Air	[Nm3/h]	-	?			?	?	
		Lift	[-]	2	-			-	-	
Shaft Access Buildings	Shaft Access building	Number of building	[-]	3	6 x 1	1	1	2 x 1	4 x 1	4 x 1
		Comment 1		Steel bld	Steel bld	Steel bld	Steel bld	Steel bld	Steel bld	Steel bld
		Comment 2								
		Lenght x width	[mxm]	40x20	40x20	40x20	40x20	40x20	40x20	15x15
		Surface	[m2]	800	800	800	800	800	800	225
		Height	[m]	12	12	12	12	12	12	4
		Crane	[t]	20	20	20	20	20	20	
		Electrical Power	[A]	500	500	500	500	500	500	200
		Cooling Water	[m3/h]	?	?	?	?	?	?	?
		Compressed Air	[Nm3/h]	?	?	?	?	?	?	-
		Lift	[-]	1	1	1	1	1	1	1
Site access control building	Site Access Control building	Number of building	[-]	1	6 x 1	1	1	2 x 1	4 x 1	4 x 1
		Comment 1		Steel bld	Steel bld	Steel bld	Steel bld	Steel bld	Steel bld	Steel bld
		Comment 2		1 level	1 level	1 level	1 level	1 level	1 level	1 level
		Lenght x width	[mxm]	10x10	10x10	10x10	10x10	10x10	10x10	10x10
		Surface	[m2]	100	100	100	100	100	100	100
		Height	[m]	3.5	3.5	3.5	3.5	3.5	3.5	3.5
		Crane	[t]	-	-	-	-	-	-	-
		Electrical Power	[A]	50	50	50	50	50	50	50
		Cooling Water	[m3/h]	?	?	?	?	?	?	?
		Compressed Air	[Nm3/h]	?	?	?	?	?	?	?
		Lift	[-]	-	-	-	-	-	-	-
Miscellaneaous building Galeries	Undergroung galeries services	Number of building	[-]	1	6 x 1	1	1	2 x 1	4x1	
		Comment 1		Concrete struct.	Concrete struct.	Concrete struct.	Concrete struct.	Concrete struct.	Concrete struct.	
		Comment 2								
		Length	[m]	550	200	200	200	200	150	
		Width	[m]	2	2	2	2	2	2	
		Height	[m]	2.5	2.5	2.5	2.5	2.5	2.5	
		Crane	[t]							
		Electrical Power	[A]	-	-	-	-	-	-	
		Cooling system	[KW]	-	-	-	-	-	-	
		Compressed Air	[Nm3/h]	-	-	-	-	-	-	
		Noise	[dBA]	-	-	-	-	-	-	
Workshop	Workshop building Mach. & detect.	Number of building	[-]	1	6 x 1	1	1	2 x 1	4 x 1	
		Comment 1		Steel bld	Steel bld	Steel bld	Steel bld	Steel bld	Steel bld	
		Comment 2		Central workshop						
		Lenght x width	[mxm]	120x60	30x20	30x20	30x20	30x20	20x20	
		Surface	[m2]	7200	600	600	600	600	400	
		Height	[m]	12	9	9	9	9	9	
		Crane	[t]	2x40	20	20	20	20	20	
		Electrical Power	[A]	2500	1000	1000	1000	1000	500	
		Cooling Water	[m3/h]	?	?	?	?	?	?	
		Compressed Air	[Nm3/h]	?	?	?	?	?	?	
		Noise	[dBA]	?	?	?	?	?	?	
Electricity	EL building	Number of building	[-]	1	6 x 1	1	1	2 x 1	4 x 1	
		Comment 1		Concrete building	Concrete building	Concrete building	Concrete building	Concrete building	Concrete building	
		Comment 2		1 level, false floor	1 level, false floor	1 level, false floor	1 level, false floor	1 level, false floor	1 level, false floor	
		Lenght x width	[mxm]	80x20	60x15	60x15	60x15	60x15	30x10	
		Surface	[m2]	1600	1200	1200	1200	1200	300	
		Height	[m]	6	6	6	6	6	6	
		Crane	[t]	-	-	-	-	-	-	
		Electrical Power	[A]	1000	1000	1000	1000	1000	1000	
		Cooling Water	[m3/h]	?	?	?	?	?	?	
		Compressed Air	[Nm3/h]	?	?	?	?	?	?	
		Noise	[dBA]	?	?	?	?	?	?	
EL Transformer	Electricity Transformer	Number of building	[-]	1						
		Comment 1		-						
		Comment 2		-						
		Lenght x width	[mxm]	130x120						
		Surface	[m2]	15600						
		Height	[m]	-						
		Crane	[t]	-						
		Electrical Power	[A]	-						
		Cooling Water	[m3/h]	-						
		Compressed Air	[Nm3/h]	-						
		Noise	[dBA]							
Cooling tower	Cooling Towers & pump. Station	Number of building	[-]	2 x 1	6 x 1			2 x 1		
		Comment 1		Concrete building	Concrete building			Concrete building		
		Comment 2								
		Lenght x width	[mxm]	32x23	28x23			28x23		
		Surface	[m2]	736	644			644		
		Height	[m]	16	16			16		
		Crane	[t]	5	5			5		
		Electrical Power	[A]	200	200			200		
		Cooling Water	[m3/h]	-	-			-		
		Compressed Air	[Nm3/h]	-	-			-		
		Noise	[dBA]	?	?			?		
CV Building	Cooling Ventilation building	Number of building	[-]	2 x 1	6 x 1	1	1	2 x 1	4 x 1	4x1
		Comment 1		Concrete building	Concrete building	Concrete building	Concrete building	Concrete building	Concrete building	Concrete building
		Comment 2								
		Lenght x width	[mxm]	45x25	30x25	30x25	30x25	30x25	30x20	10x10
		Surface	[m2]	1125	750	750	750	750	600	100
		Height	[m]	13	13	13	13	13	13	4
		Crane	[t]	15	15	15	15	15	15	
		Electrical Power	[A]	500	500	500	500	500	400	50
		Cooling Water	[m3/h]	-	-	-	-	-	-	-
		Compressed Air	[Nm3/h]	-	-	-	-	-	-	-
		Noise	[dBA]	?	?	?	?	?	?	?
		Number of building	[-]		6 x 1			2 x 1	4 x 1	
		Comment 1			Steel bld			Steel bld	Steel bld	

User facilities	Personnal facilities building	Comment 2			1 level			1 level	1 level	
		Lenght x width	[mxm]		20x10			20x10	20x10	
		Surface	[m2]		200			200	200	
		Height	[m]		4.5			4.5	4.5	
		Crane	[t]		-			-	-	
		Electrical Power	[A]		50			50	50	
		Cooling Water	[m3/h]		?			?	?	
		Compressed Air	[Nm3/h]		?			?	?	
		Lift	[-]		-			-	-	
Cryo-Equipment Building	Warm compressor building	Number of building	[-]	2	2 x 1 + 4 x 2			2		
		Comment 1		Concrete bld	Concrete bld			Concrete bld		
		Comment 2		17x15	Area : 27 x 15			17x15		
		Surface	[m2]	250	400			250		
		Crane	[t]	20	20			20		
		Electrical Power	[MW]	3.3	6			3.3		
		Cooling Water	[m3/h]	325	600			325		
		Compressed Air	[Nm3/h]	40	50			40		
		Ventilation	[kW]	217	400			217		
		Noise	[dBA]	−108	−108			−108		
		Equivalent capacity @ 4.5 K	[KW]	13	24			13		
Cryo-Equipement Building	Surface cold box building	Number of building	[-]	2 x 1	2 x 1 + 4 x 2			2 x 1		
		Comment 1		Steel bld	Steel bld			Steel bld		
		Comment 2								
		Surface	[mxm]	30x15	40x15			30x15		
		Height	[m]	12	12			12		
		Crane	[t]	15	15			15		
		Electrical Power	[MW]	50	100			50		
		Cooling Water	[m3/h]	20	30			20		
		Compressed Air	[Nm3/h]	60	100			60		
		Number of cold boxes	[-]	1	1			1		
		Noise	[dBA]							
Helium Tank	Helium Tank platform	Number of building	[-]	2 x 1	6 x 1			2 x 1		
		Comment 1		No tanks in CFS	No tanks in CFS			No tanks in CFS		
		Comment 2		Costing	Costing			Costing		
		Surface	[mxm]	32x16	32x16			32x16		
		Height	[m]	512	512			512		
		Crane	[t]	-	-			-		
		Electrical Power	[MW]	-	-			-		
		Cooling Water	[m3/h]	-	-			-		
		Compressed Air	[Nm3/h]	-	-			-		
		Number of cold boxes	[-]	-	-			-		
		Noise	[dBA]							