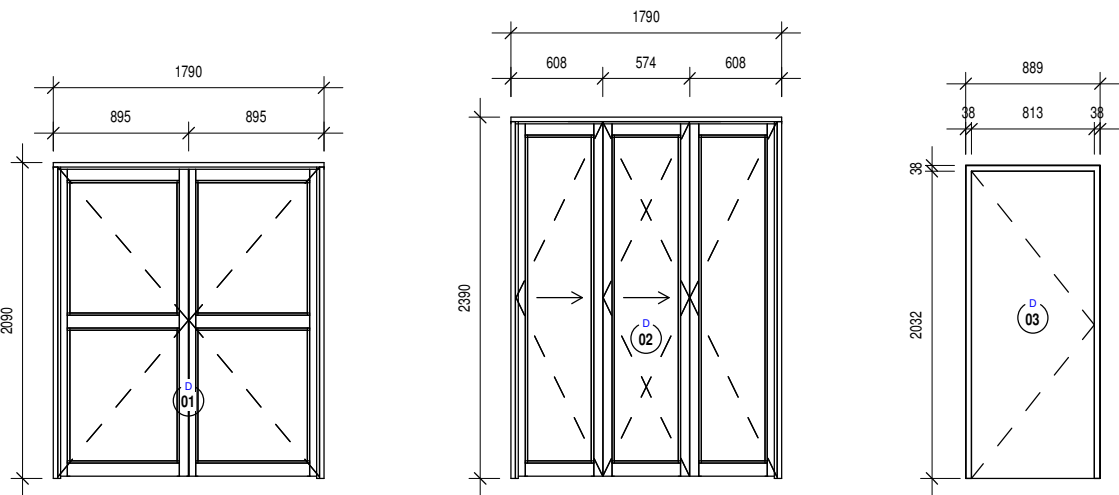
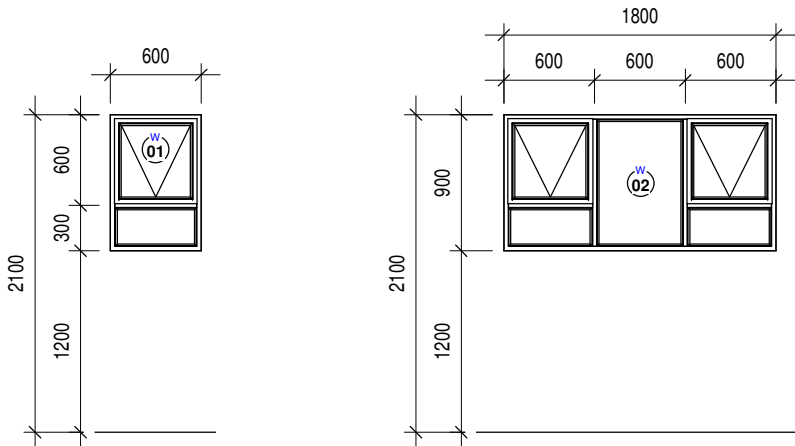


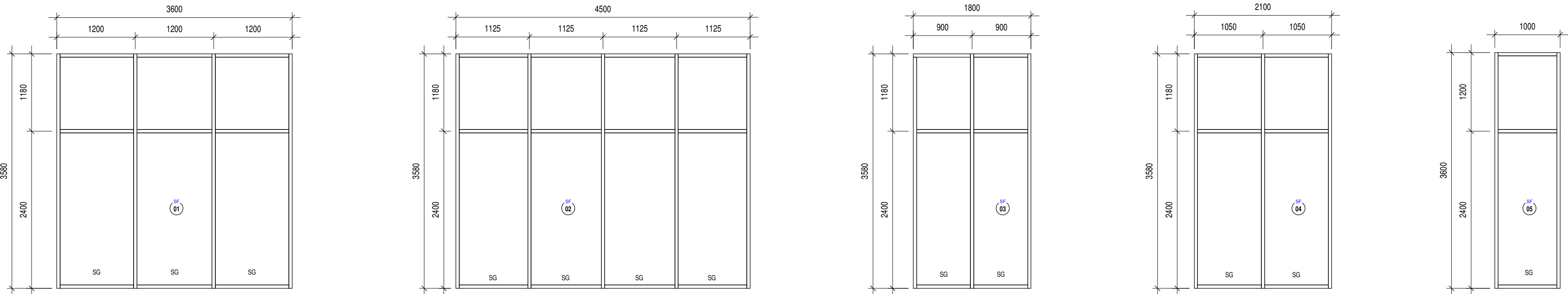
Door Schedule						
Number	Description	Width	Height	Quantity	Level	
01	Natural anodised aluminium double door, size 1790 x 2090mm high. Glazed with PG Smart glass or similar.	1790	2090	6	Phase 1 - Level 3	
02	Natural anodised aluminium left opening three panel sliding folding door, size 1790 x 2390mm glazed with PG Smartglass or similar.	1790	2390	9	Phase 1 - Level 3	
03	40mm thick Commercial Veneer flush panel door, size 813 x 2032mm high.	813	2032	7	Phase 1 - Level 3	
Grand total				22		



Window Schedule						
Number	Description	Width	Height	Quantity	Level	
01	Aluminium window with stainless steel concealed friction stays, size 600 x 900mm high. Natural anodised finish.	600	900	5	Phase 1 - Level 3	
02	Aluminium window with stainless steel concealed friction stays, size 1800 x 900mm high. Natural anodised finish.	1800	900	3	Phase 1 - Level 3	
Grand total: 8				8		



Shopfront Schedule					
Number	Description	Material	Finish	Glazing	Count
01	Natural anodised aluminium shopfront. Purpose made.	Aluminium	Natural anodised	Glass	5
02	Natural anodised aluminium shopfront. Purpose made.	Aluminium	Natural anodised	Glass	1
03	Natural anodised aluminium shopfront. Purpose made.	Aluminium	Natural anodised	Glass	4
04	Natural anodised aluminium shopfront. Purpose made.	Aluminium	Natural anodised	Glass	1
05	Natural anodised aluminium shopfront. Purpose made.	Aluminium	Natural anodised	Glass	4
Grand total					15



		FINISHING SCHEDULE										
		Lab Space (1)	Lab Space (2)	Lab Space (3)	Lab Space (4)	Ablutions	Circulation	Covered Balconies	Roof (flat RC slab)			
FLOOR	construction	CONCRETE SLAB	×	×	×	×	×	×				CONCRETE SLAB: 170/255mm thick concrete floor slab with wood float finish. Refer to engineers detail & specification.
		CONCRETE ROOF SLAB							×			CONCRETE ROOF SLAB: 170/255mm thick concrete floor slab with wood float finish. Refer to engineers detail & specification.
		WATERPROOFING							×			WATERPROOFING: One layer waterproofing membrane, with 75mm side laps and 100mm end laps, sealed to primed surface to falls and crossfalls by 'torchfusion'. Waterproofing to be installed by an approved Contractor under a ten year guarantee.
	finish	EPOXY FINISH	×	×	×	×	×					EPOXY RESIN FLOOR: As approved on 3:1 cement mortar slab and solid power floated screed. Epoxy resin floor coating system to be joint free for seamless finish, to be installed by specialist.
		CERAMIC FLOOR TILES				×						CERAMIC FLOOR TILES: Ceramic floor tiles, size 330 x 330mm, fixed to wood floated 1:4 cement and sand screed with tile adhesive (elsewhere specified), 3mm diagonal joints continuous in both directions grouted with tile grout with minimum 5mm expansion joints at perimeter.
		CERAMIC WALL TILES				×						CERAMIC WALL TILES: Ceramic wall tiles, size 330 x 330mm, fixed to wood floated Class II mortar plaster backing with tile adhesive (elsewhere specified), 3mm diagonal joints continuous in both directions grouted with tile grout (elsewhere specified), with minimum 5mm expansion joints at perimeter.
WALLS	construction	CEMENT BRICK: EXTERIOR										CEMENT BRICK: Stockbrick 14MPa nominal compressive strength in Class I mortar.
		CEMENT BRICK: INTERIOR										CEMENT BRICK: Stockbrick 14MPa nominal compressive strength in Class I mortar.
		FACEBRICK										FACEBRICK: Clay face brick, size 222 x 108 x 73mm, manufactured in accordance with 227:2007, bedded and pointed in Class I mortar and pointed with recessed vertical & horizontal joints, suitable for exposure zones 1,3, 1 used in structure bond, 1st Grade Face Bricks to be used. Colour to be confirmed.
	finish	PLASTER & PAINT (PVA)										PVA: Provide ONE coat acrylic PVA suitable for washing with a mild detergent and with a matt finish. Paint to have a 10 year warranty.
		PLASTER & PAINT (WHITE)										PLASTER AND PAINT: All walls finished with one coat plaster and painted with one coat alkaline resistant primer, one universal undercoat and two coats WHITE enamel paint.
		PLASTER & PAINT (RED)										PLASTER AND PAINT: All walls finished with one coat plaster and painted with one coat alkaline resistant primer, one universal undercoat and two coats RED enamel paint.
CILLS		CEMENT PLASTER										CEMENT PLASTER: 12mm, finish as for PLASTER AND PAINT walls.
CEILING		PLASTER & PAINT										

		SANITARY FITTINGS										
		Lab Space (1)	Lab Space (2)	Lab Space (3)	Lab Space (4)	Ablutions	Circulation	Roof (flat RC slab)				
TOILET FACILITIES		STANDARD WC				×						WC SUITE: Locally manufactured vitreous china close coupled suite, colour: White, overall size 540 x 358 x 845mm high with Thermosto Soft-Close seat, comprising 90° outlet closed rim washdown pan with matching 6 litre cistern top dual flush cistern including fittings.
		WASH HAND BASIN				×						WHITE C.L. PORCELAIN ENAMELED WHB: On half concealed supports. Set with 31 mm chromium plated white outlet, with plug, chain, anchor and 25mm back nut complete. Provide one chromium plated pillar tap as approved. Provide black soft rubber P trap.
		TOILET PAPER HOLDER				×						TOILET PAPER HOLDER: Satin finished stainless steel 4 toilet roll dispenser, size 144 x 145 x 610mm, plugged and screwed to the wall with stainless steel screws.
		SOAP DISPENSER				×						SOAP DISPENSER: Satin finished stainless steel soap dispenser, size 200 x 85 x 140mm high with 1 litre capacity, front push button, cylinder lock and standard key, plugged and screwed to the wall with stainless steel screws.
		HAND DRYER				×						HAND DRYER: Satin finished stainless steel automatic hands free hand dryer, size 280 x 207 x 245mm high with 2 vanded proof lock screws and key wrench, plugged and screwed to the wall with stainless steel screws, 200 W motor connected to 230/240 volt power supply.

GENERAL NOTES:

FIGURED DIMENSIONS ONLY TO BE USED.

COORDINATES BASED ON MSL DATUM.

DISCREPANCIES, ERRORS AND OMISSIONS ARE TO BE REPORTED TO ENGINEERS IMMEDIATELY THEY BECOME EVIDENT.

SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION.

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NOTES:

- Excavations for foundations and all reinforcing must be approved by the engineer before any concrete is cast.
- All bases are symmetrical about the center lines unless otherwise shown.
- Specifications:
 - Reinforced concrete work SABS 1200g
 - Structural steel work SABS 1200h
 - Pointwork on steel SABS 1200i
- Concrete work: all brickwork are load bearing and must be completed before commencing with the construction of the concrete slab.
- Minimum concrete cover:
 - Bases 75mm
 - Columns 40mm
 - Beams 25mm
 - Slabs 12mm or dia.
- Concrete: all ready mixed concrete will only be approved if a mix design and cement grading by SABS is submitted to the engineer.
- Test cubes minimum must be tested by an independent soil laboratory.
- All imported cement approved by SABS must be approved by the engineer on the bases of:
 - All cement must be bought in one batch and treated to SABS 1200g.
 - A mix design must be submitted.
 - 4 sets of 3 test cubes must be submitted with age of testing as follows:
 - 3 cubes @ 7days
 - 3 cubes @ 14days
 - 3 cubes @ 21 days
 - 3 cubes @ 28days
- Concrete cube strength at 28 days:
 - Blinding 15MPa
 - Foundations 20MPa
 - Columns 25MPa
 - Beams 25MPa
 - Slabs 25MPa

Revision	Date	Issued for	Approved
		Preliminary	
		Information	
		Tender Contract	
		Measurement	
		Construction	
		Approval	

Discipline	Signature	Pr. Number	Date
Architecture			
Engineering			
Client			

Client:



Signature of Approval:

Date:



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BioPark Phase 1C

Sketch Proposal

Project Name:	BioPark Phase 1C
Project Number:	J17/29
Project Address :	Allan Cormack St, Pretoria
Project Description:	Additions & Alterations

Building Name:		Phase 1	
Drawing Name:			
Schedules			
Drawing Number: SP/400		Rev. Number:	
Date: 27/11/2017		Scale: As indicated	

Drawn by:

Checked by: