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1. Excavations for foundations and all reinforcing must be approved by the engineer before any concrete is cast.
2. All bases are symmetrical about the center lines unless otherwise shown.
3. Specifications:

Reinforced concrete work	SABS 1200g
Structural steel work	SABS 1200h
Pointwork on steel	SABS 1200h
4. Concrete work: all brickwork to load bearing must be completed before commencing with the construction of the concrete slab.
5. Minimum concrete cover:

Bases	75mm
Columns	40mm
Beams	25mm
Slabs	12mm or dia.
6. Concrete: all ready mixed concrete will only be approved if a mix design and cement grading by SABS is submitted to the engineer.
7. Test: minimum must be tested by an independent soil laboratory.
8. 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 test cubes must be submitted with a view of testing as follows:

	3 cubes @ 7days
	3 cubes @ 14days
	3 cubes @ 21days
	3 cubes @ 28days
9. Concrete cube strength at 28 days:

Blinding	15MPa
Foundations	20MPa
Columns	20MPa
Beams	25MPa
Slabs	25MPa

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

Discipline	Signature	Pr. Number	Date
Architecture			
Engineering			
Client			

THE INNOVATIONHUB®
Innovation Catalyst for Gauteng City Region



A subsidiary of the Gauteng Growth and Development Agency

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Sketch Proposal

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

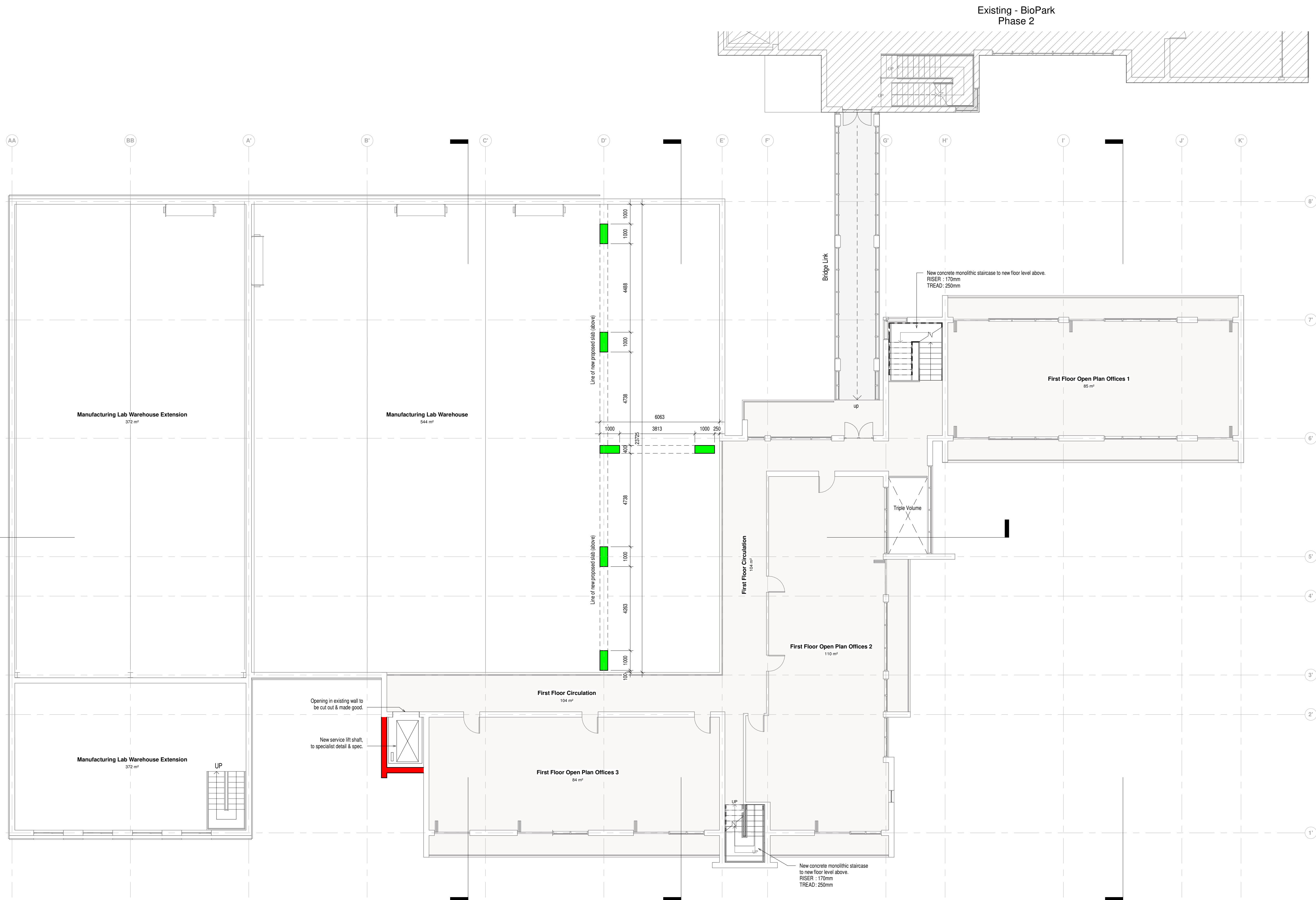
Phase 1

First Storey Plan

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Date: 27/11/2017	Scale: 1 : 100

Drawn by: _____

Checked by: _____



1 : 100

SP/102

