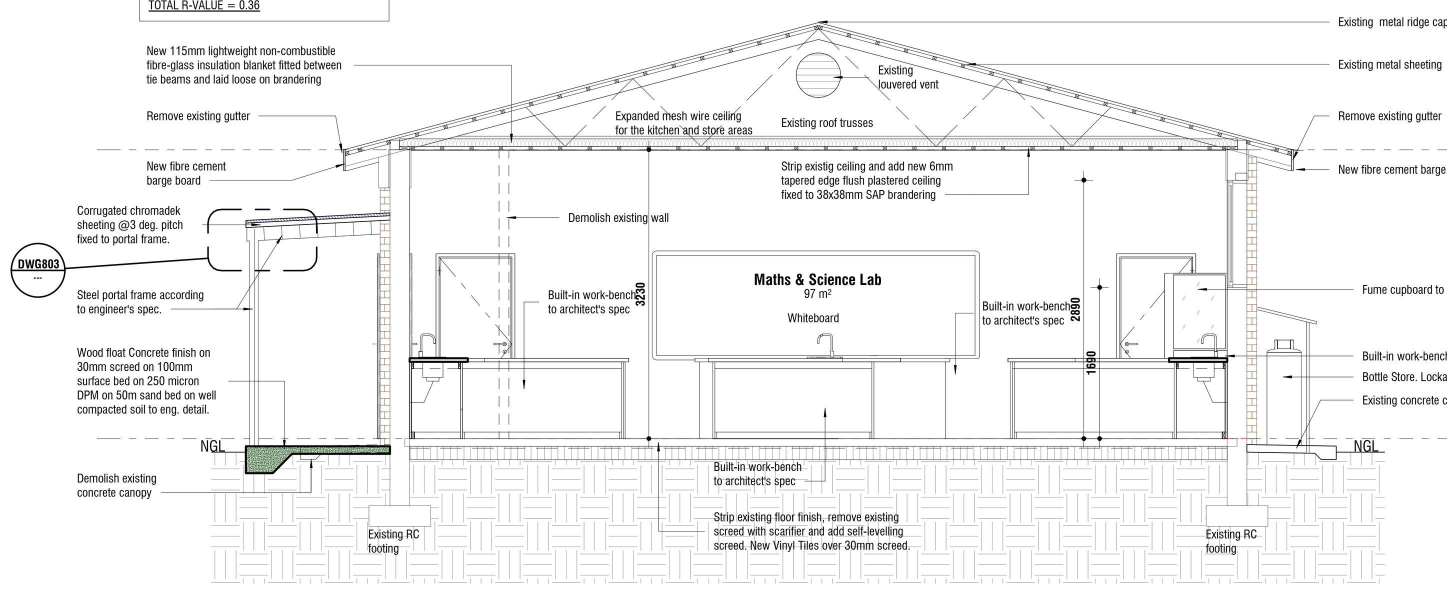
(COVERAGE)				
Name	Level	Area		
		Existing	New	Total
CLASS		144 m²	-	144 m²
TOTAL		144 m²	-	144 m²

(FAR)				
Name	Level	Area		
		Existing	New	Total
CLASS		129 m²	-	129 m²
TOTAL		129 m²	-	129 m²

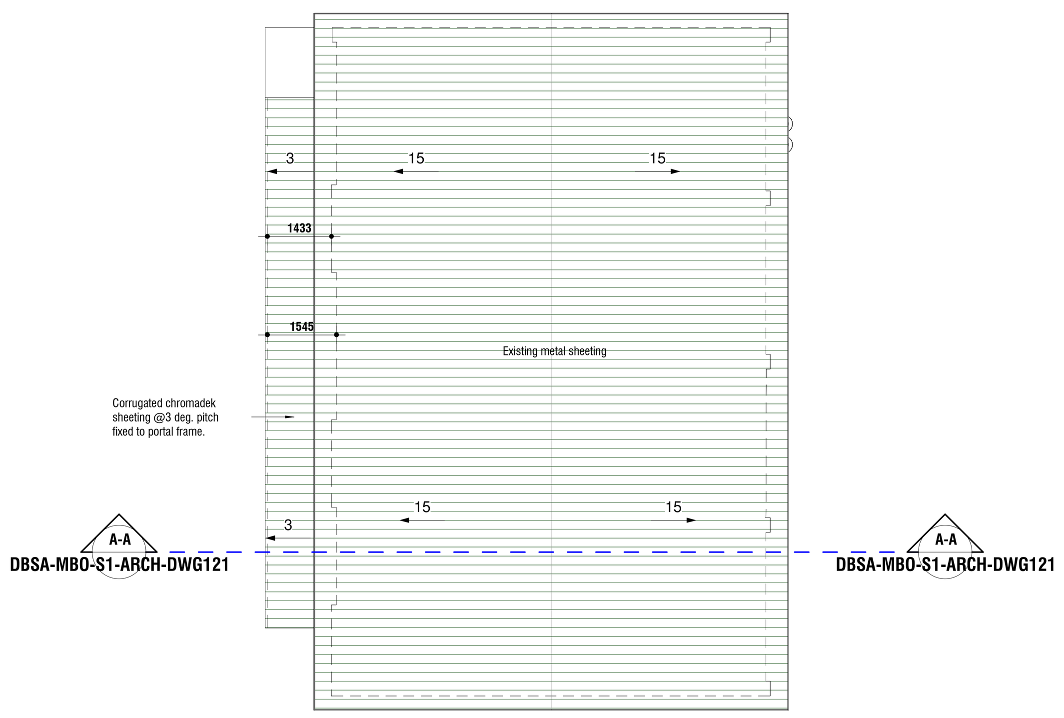
R-Value Roof Covering = 0,30
R-Value Ceiling = 0,05
R-Value Insulation = 2.85

Outdoor air film (7m/s) = 0,03
Roof Airspace (Non reflective) = 0,15
Plasterboard, gypsum (10mm, 880 kg/m3) = 0,07
Roof Sheeting = 0,00
Indoor Air film (Still Air) = 0,11

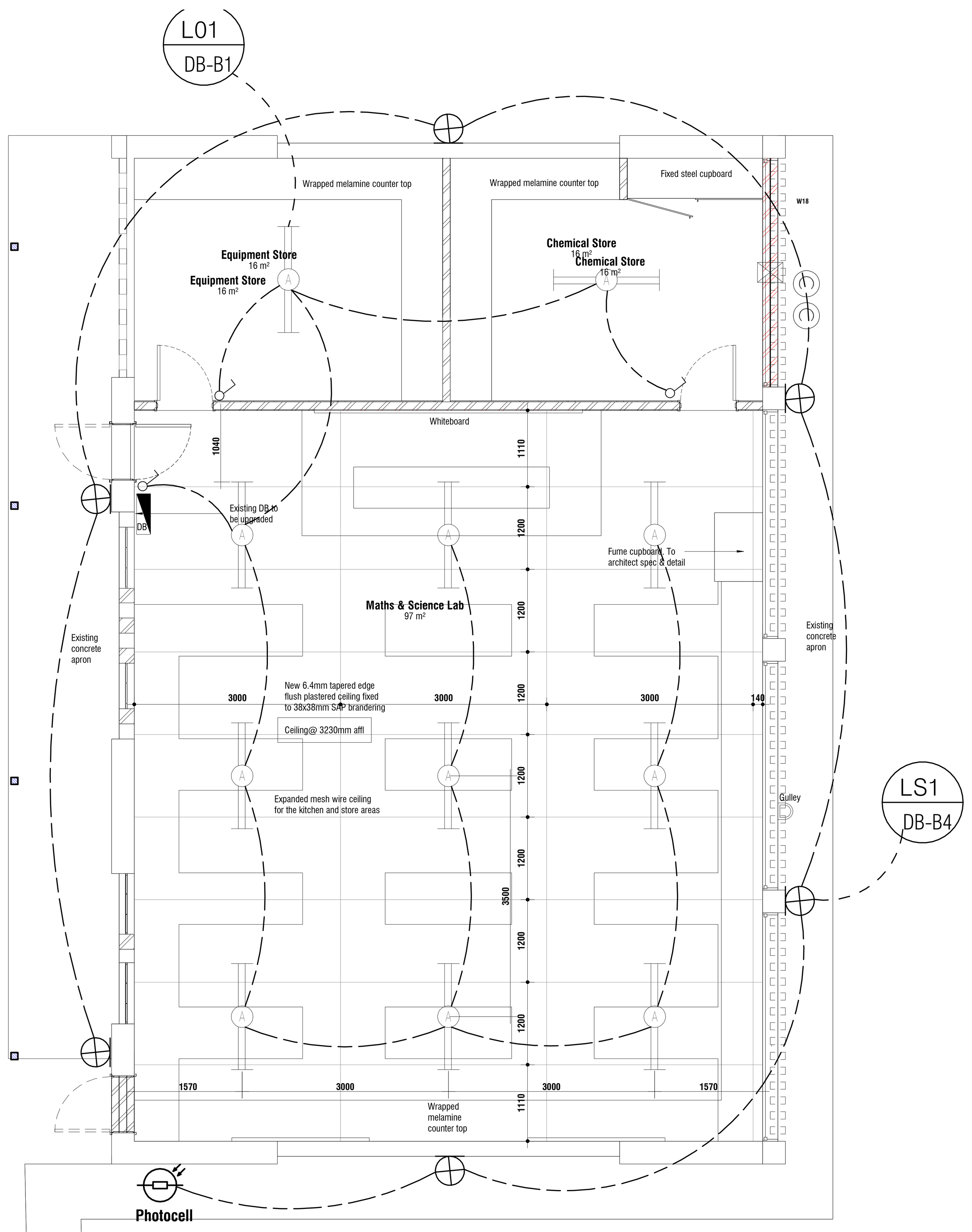
TOTAL R-VALUE = 0.36



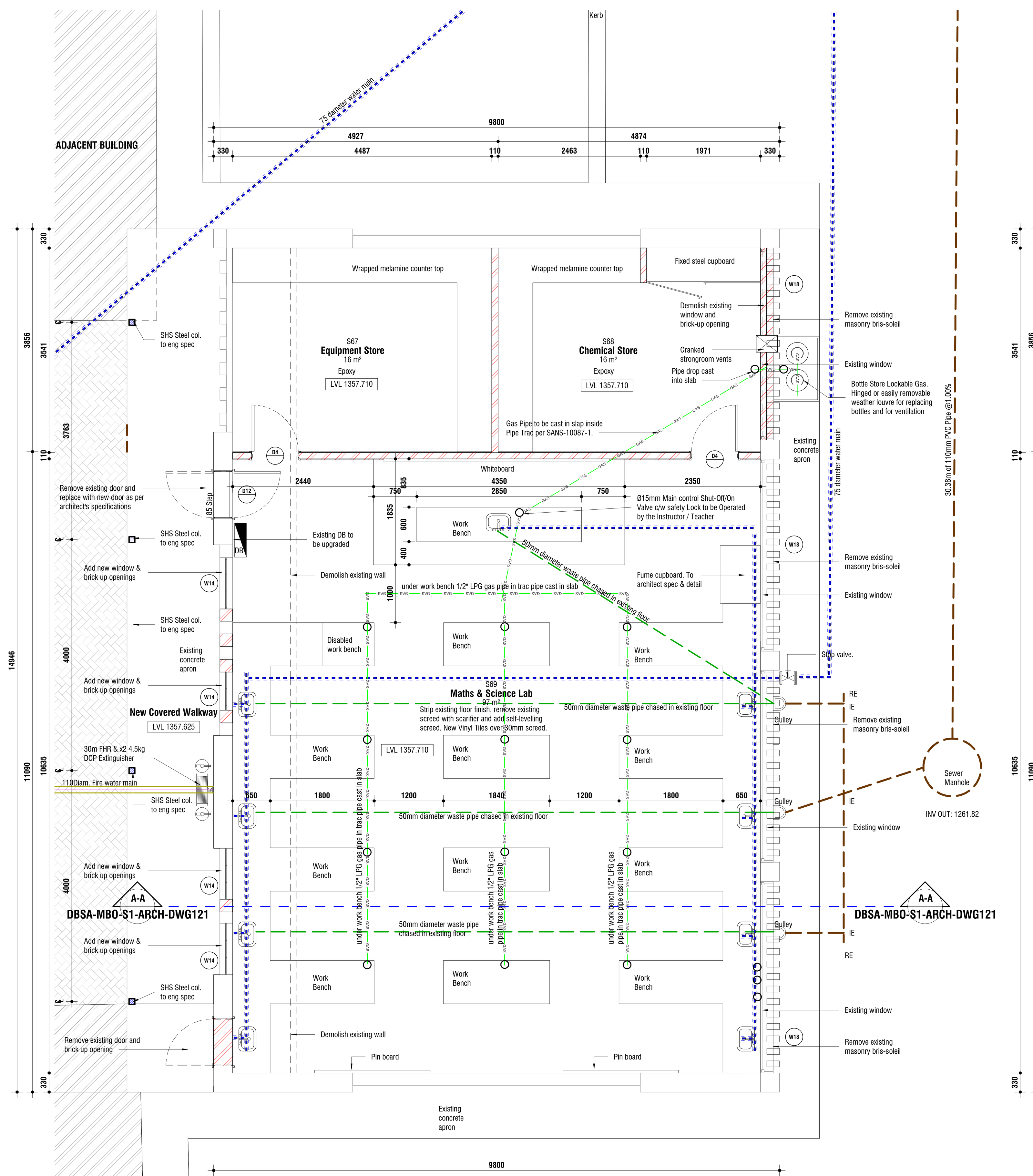
Section A-A
SCALE: 1 : 50



C 02 First Floor
SCALE: 1 : 100



C 03 Ceiling Layout
SCALE: 1 : 50

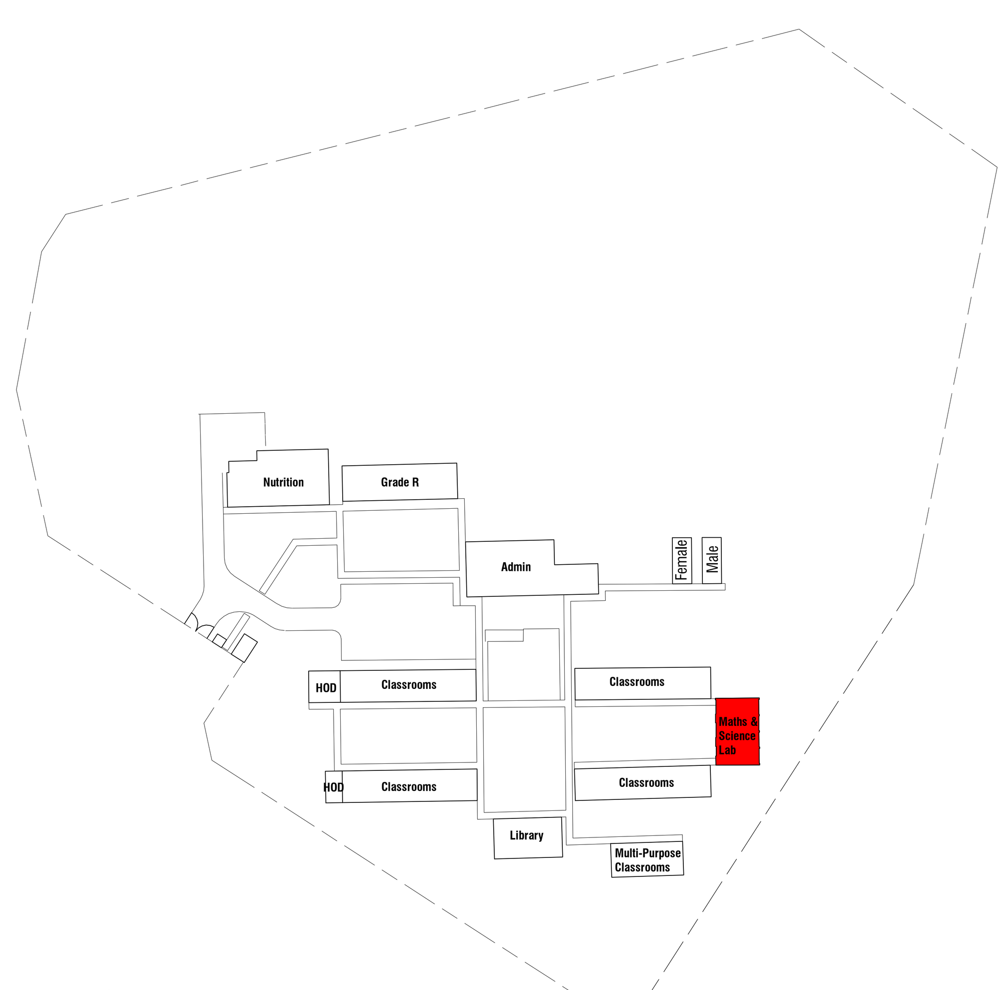


C 01 Ground Floor
SCALE: 1 : 50

LEGEND	
SYMBOLS	DESCRIPTION
	Type C - Surface mounted black round Bulkhead luminaire with polycarbonate lens and aluminium base complete with 2PL9W lamps.(Similar to Lascon B10)
	Type C - Wall mounted black round Bulkhead luminaire with polycarbonate lens and aluminium base complete with 2PL9W lamps. (Similar to Lascon B10)
	Type A - Commercial Open Channel fluorescent luminaire fitted with 2 x 58W tubes and electronic ballast with telescopic holders. (All Lighting to have protective cover for channels)
	Type E - Vapour proof fluorescent luminaire fitted with 2 x 58W tubes and electronic ballast with telescopic holders.
	16A round 3-pin switch socket outlet surface mounted at 300mm AFFL
	16A round 3-pin switch socket outlet surface mounted at 1400mm AFFL
	16A Double round 3-pin switched socket outlet surface mounted 300mm AFFL
	16A Double round 3-pin switched socket outlet surface mounted 1100mm AFFL
	Data point
	Telephone point
	Distribution board
	Photocell
	One way switch 1400 AFFL
	Two way switch 1400 AFFL
	Double pole one way switch 1400 AFFL
	Single Phase Isolator
P01 DB-A/N	Circuit identification 01 = Circuit Number A/N = DB Name (Fed from Normal Supply)

NOTES:

1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH SANS 10142-1 SPECIFICATION.
2. FINAL POSITIONS OF LUMINAIRES AND SOCKET OUTLETS TO BE DETERMINED ON SITE.
3. BULKHEAD LUMINAIRES ARE TO BE MOUNTED AT A MINIMUM HEIGHT OF 2200mm ABOVE WALKWAYS UNLESS OTHERWISE STATED.
4. LIGHT SWITCHES TO BE POSITIONED AT 1400mm AFFL. SWITCH TO BE POSITIONED CLOSE TO THE DOOR, BUT SUCH THAT AN OPENING DOOR DOES NOT OBSTRUCT THE SWITCH OPERATION.
5. SWITCHED SOCKET OUTLETS TO BE INSTALLED AT MINIMUM 300mm ABOVE FINISHED SURFACE UNLESS STATED OTHERWISE.
6. ISOLATORS SHALL BE INSTALLED IN CLOSE PROXIMITY TO THEIR RESPECTIVE UNITS.



Key Plan
SCALE: 1 : 1000

Architectural Legend

Plan View
- Existing Brickwork
- New brickwork
- 60mm Interlocking pavers
- New adjacent building
- Existing adjacent building
- Grass
- Roof sheeting

Section View
- Existing Brickwork
- New brickwork
- Existing concrete
- New concrete

Elevation View
- Facebrick in Elevation
- Roof sheeting
- Plaster & Paint (colors may differ)

Sewer Legend
- Sewer Manhole
- Existing Junction Box
- 50MM PVC Waste Pipe
- 110mm PVC Soil Pipe

Electric Legend
- Street Light
- Electric Distribution Board
- Electrical Manhole
- LV Cable route
- Electric sleeve

Stormwater Legend
- Grid Inlet
- 200mm Reno mattress
- 200mm Reno mattress
- 150mm PFC Drain pipe
- 1.3mm Covered V-Drain
- 450mm diameter ROCLA pipe

DBSA

ARCHITECT:..

SIGNATURE:.................................DATE:....................

OHS:..

SIGNATURE:.................................DATE:....................

NORTH WEST DEPARTMENT OF EDUCATION

NAME:..

SIGNATURE:.................................DATE:....................

NAME:..

SIGNATURE:.................................DATE:....................

NAME:..

SIGNATURE:.................................DATE:....................

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWING.

ALL DIMENSIONS, LEVELS, ETC ARE TO BE CHECKED BEFORE ANY WORK IS COMMENCED AND ANY DICREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

ONLY FIGURED DIMENSIONS TO BE USED, SCALING OF DRAWINGS IS NOT ADVISABLE.

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GEOTECH INFORMATION

SOIL TYPE: H2/R and Unified Soil Class (SC-CL)

ASSUMED SOIL BEARING CAPACITY: ~150 kPa kPa

RECOMMENDED FOUNDATION TYPE: Stiffened Soil Raft

RECOMMENDED FOUNDATION DEPTH: 0.8-1m

REV. NO.	DATE	DESCRIPTION
A	2020-12-16	FIRST ISSUE
B	2020-02-25	ISSUED FOR TENDER
C	2020-03-31	ISSUED FOR TENDER
D	2020-04-19	ISSUED FOR TENDER

MUNICIPAL APPROVAL

NAME:..

SIGNATURE:.................................DATE:....................

STAMPS:

PRINCIPAL AGENT

Mamadi & Company

No. 1 Newtown Avenue,
Killarney,
Johannesburg , 2193

Tel: 011 - 532 8659
Email:info@mamadi.co.za

COMPETENT CONTACT PERSON: FULL NAME
CONT. No: +2711 532 8659
FIRM REG No: 2016/012437/07

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Noord-Wes Departement van Onderwys
North West Department of Education
NORTH WEST PROVINCE

DISCIPLINE
ARCHITECTURAL

PROJECT NAME
D.P. KGOTLENG PRIMARY SCHOOL
EMIS NUMBER:
600103259

PROJECT STATUS		
STAGE 1-3	STAGE 4	STAGE 5-6
CONCEPT	TENDER ■	CONSTRUCTION

DESCRIPTION
SCIENCE LAB
- Plans
- Sections

SCALE:
1:50
1:100

DRAWN:	CHECKED:
NAME OF COMPETENT PERSON: ANDRE NKUNA	NAME OF COMPETENT PERSON: DANNY KALOMBO
REG No:	REG No: PR.ARCH24740538
SIGNATURE	SIGNATURE

PROJECT NUMBER
RFP 261/2019

DATE: 2020-12-15
DWG No: 121
REV No: C

OCCUPANCY CLASSIFICATION
A4.4 Primary & Secondary School

SANS 10400 & XA COMPLIANCE

	Rational Des.		Standard Cal	
CONDUTANCE	Y	N	Y	N
SOLAR HEAT GAIN	Y	N	Y	N
GEOGRAPHICAL ZONE				

NBRs COMPLIANCE

	Yes	No
SITE PLAN		
OTHER DRAWINGS		

OTHER APPROVALS (Mark with X)

	Yes	No	N/A
Enviromental Impact Assesment (EIA)			X
South African Heritage Resources Agency (SAHRA)			X
Department of Water and Sanitation (DWS)	X		
South African National Roads Agency (SANRAL)			X
Other			

WATER SUPPLIER

	Yes	No	
MUNICIPALITY	X		MUNICIPALITY NAME: Mafikeng
BOREHOLE	X		WATER USE LISENCE: Not Available
PRESSURE			TBC BARS
TANKS			Number 1, Total Capacity 2000 LITERS
OTHER STORE			Specify below

SANITATION/ SEWER

	Yes	No	
MUNICIPALITY	X		MUNICIPALITY NAME: Mafikeng
SEPTIC TANKS		X	CAPACITY: M3
PIT LATRINES		X	
OTHER			SPECIFY:

SITE INFORMATION

ERF No.	747
COVERAGE	9.6 % (3442 m²)
VILLAGE NAME	Mmabatho Unit 2
DISTRICT	Ngaka Modiri Molema
COORDINATES	25°50'15.5"S 25°35'29.7"E

STAGES

SIPDM	SACAP	Mark with X
0		
1		
2		
3	1	
4	2	X
5	3	
6	4	
7	5	
8		
9	6	

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CONTRACTOR				

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