SP4 "Derbigum" waterproofing torched onto r.c roof slab according to manufacturers specifications, on screed to fall to fullbore outlets. Waterproofing by appointed specialist. Manufacturer to carry guarantee. Screed to be laid to fall at min. 1:100 min. thickness of screed to be 20mm. Screed thickness as specified by eng. Waterproofing to be turned into outlets.

r.c concrete upstands to eng. detail all round

black 50 Ø p.v.c. over-flow pipe through r.c. up-stand.

edge of building below

cantilever

penetration to suite Ø 100 F.B outlet

100Ø r.w.d.p to front of columns

Ridge line of screed

100Ø r.w.d.p to front of columns

penetration to suite Ø 100 F.B outlet

New W.SHOP extention below

New SURVEY RM below

New 'CONCRETE EXTENTIONS' below

445 x970x100 high conc plinth to eng. details (plinth dimensions as per mech.) eng.

ex. lean to roof over to be removed (all asbestos removal by certified contractor)

50 Ø p.v.c. over-flow pipe through r.c. up-stand.

line of seperation wall below

line of seperation wall below

Ø 100 penetration for refrigeration pipe

EXISTING CONC STRUCTURES LAB

Existing asbestos roof sheeting over

Existing M.V. Room

50 Ø p.v.c. over-flow pipe through r.c. up-stand.

100Ø Rwdp. to face of column.

Line of Existing Building paraet wall.

50 Ø p.v.c. over-flow pipe through r.c. up-stand.

Up-Stand beam to eng. detail.

light weight galv. steel roof on steel purlins to eng. detail

B

DRAWING STUDIO
145.67 sq/m

SEMINAR ROOM
70.43 sq/m

EXIST 4TH YEAR PROJ STUDIO
68.82 sq/m

PASSAGE / STAIRS

EX. TOILET FEMALE

Ex. TOILET MALE

NEW LIFT

New Foyer

demolish wall to create new 1700wx2100h opening

COMPUTER LAB

Ex. TEA/ KITCHEN

EX. P/G COMPUTER RM

PASSAGE

TRANSPORT LAB

new access controlled door

OFFICE P / G

OFFICE LECT

OFFICE P / G

OFFICE LECT

OFFICE LECT

EXISTING STAIR

EXISTING PASSAGE

OFFICE

OFFICE

OFFICE

OFFICE

OFFICE

TOILET MALE

TOILET FEMALE

4TH YEAR STUDIO GEOMATICS

roof slab over 1st floor (level above floor slab of 2nd floor)

LOBBY /STAIRS

ex. door removed & replace with fire door

ex. Double doors removed & replace with double leaf fire doorS

EX. COMPUTER ROOM CONVERTED TO MEETING ROOM

new s/s sink with cupboards below

NEW KITCHEN

part wall demolished to create new opening for service hatch with timber shutters. walls to be made good

part wall demolished to create new opening for new door

NEW OFFICE

New 76mm drywall partition

New door

existing double door removed

NEW PASSAGE

New door

existing wall demolished and new door added

NOTE : FLOOR WALLS AND CEILINGS TO BE MADE GOOD

existing walls demolished to incorporate existing office and computer room into New Board Room

New 76mm drywall partition with 1100 high view panels built in. Panels to be 1000 above F.F.L

ex. concrete columns

NOTE : FLOOR WALLS AND CEILINGS TO BE MADE GOOD

STAFF ROOM

part ex. wall demolished

Ex.Office to be incorporated into New Meeting Room

Ex.computer room to be incorporated into New Meeting Room

A

penetration to suite Ø 100 F.B outlet

balcony below

link below

existing steel staircase

aircon. unit specs to mech. eng. specs. & detail

r.c plinths to aircon. units to to mechanical eng. Specification & Structural eng. detail (refer to dwg no. 06_02_CD_1004b for setting out)

Typical Roof Fullbore Outlet Detail for Roof to New Building. (Refer to Detail 06_02_CD_6009).

Re beam below to eng's detail

new steel link to eng. det.

ex. steel walkway.

Duct from fume cupboard raised above roofslab

r.c slab over duct to fume cupboard

rigde line of screed

galv. steel balustrades all round

r.c concrete upstands to eng. detail all round

Roof Area - 336sq.m

ridge line of screed

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B

EXISTING ADJACENT BUILDING

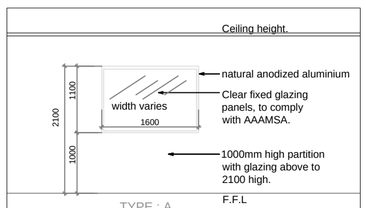
A

N

PARTITION SPECIFICATIONS:

Drywall System:
Supply & install Pelican Systems drywall partitioning system with an overall thickness of 76mm comprising internal framing formed of 51mm galvanized steel studs at 600mm centres to galvanized steel top & galvanized steel bottom track including any additional steel studding required to form door openings, glazing or other apertures, angles, corners & terminated ends. The internal steel framing is to be dressed on both sides with 12.5mm thick tapered edged gypsum boards in single lengths to suite height, butt joined & secured to steel studding with 25mm drywall gal. screws at maximum 300mm centres. Joints are to be taped over & skimmed with jointing compound and prepared for painting or wall papering. All external aluminum doorframes, glazing frames, ceiling & wall channels & skirting are to be formed of natural anodized aluminium sections with a minimum wall thickness of 1.35mm.
All work to be caried out in accordance with the manufacturers specifications.
Work shop drawings are required for approval prior to manufacture.
Allow for shelves to be fixed to partitions as shown on plan.

Glazed partitions:
Supply & install Pelican Systems Ergo 50 glass partiton walls.
All glazed panels to comply with AAAMSA.
All work to be caried out in accordance with the manufacturers specifications.
Work shop drawings are required for approval prior to manufacture.



TYPE : A
TYPICAL PARTITION
GLASS PANELS (INTERNAL)
SCALE 1 : 50

GENERAL NOTES:

> THE DESIGN ON THIS DRAWING IS COPYRIGHT & REMAINS PROPERTY OF THE ARCHITECTS.
> ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH MUNICIPAL REGULATIONS.
> FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALING DRAWINGS.
> ALL RELEVANT DETAILS, LEVELS & DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
> ALL DRAWINGS ARE TO BE CHECKED BY THE MAIN CONTRACTOR & ANY DISCREPANCIES ON THE DRAWINGS OR BETWEEN THE DRAWINGS ARE TO BE REFERED TO THE ARCHITECT.

NOTES FOR ELECTRONIC DRAWINGS:

> THIS DRAWING MAY BE ISSUED ELECTRONICALLY.
> THIS DRAWING CONTAINS EXTERNAL REFERENCES (XREFS) WHICH SHOULD BE "BOUND" INTO THE DRAWING PRIOR TO ISSUE. PLEASE REFER ALSO TO REVISION NOTES ON THESE DRAWINGS.

NOTE:
ALL EXPOSED CONCRETE SURFACES TO BE SMOOTH OFF SHUTTER CONCRETE FINISH.

REVISION	DATE	DESCRIPTION
R0	09-01-2008	- Issued for construction
R1	22-01-2008	- Door Numbers added
R2	11-02-2008	- Roof slabs at concrete lab extention, extended as per UKZN request - Position of r.w.d.p fullbores (concrete lab extention) revised - Falls to roof screed revised (concrete lab extention)
R3	05-05-2008	- Balustrades on roof upstand removed. (Except on grid 'S') - plinths on roof of new building revised - existing walls in New Meeting room demolished as per UKZN request - clear opening to lift shaft revised from 800mm to 1000mm as per lift manufact. requirements - window in new lift lobby re-positioned to accommodate new concrete column

CONSULTANT :
i3LAB
Tel: +27 31 2602100
Fax: +27 31 2603757
info@i3lab.co.za
217 Stanger Road, Westville 3629,
Durban, South Africa
[Innovation & implementation LAB]

CLIENT :
University of Kwazulu Natal
UNIVERSITY OF KWAZULU-NATAL

PROJECT TITLE :
Proposed alterations & additions to Durban Centenary Building - University of Kwazulu Natal, Howard College

DRAWING TITLE :
Second Floor Plan (Roof plan of new building)

SCALE : 1:100 (A0)
DRAWN : A.R.
DRAWING NUMBER : 06_02_CD_1004
DATE : 30 May 2008
REVISION : R3

FOR APPROVAL: _____ -
FOR PLANNING & PROGRAMMING: _____ -
FOR CONSTRUCTION: _____ 30-05-2008
FIRST ISSUE DATE: _____ 09-01-2008