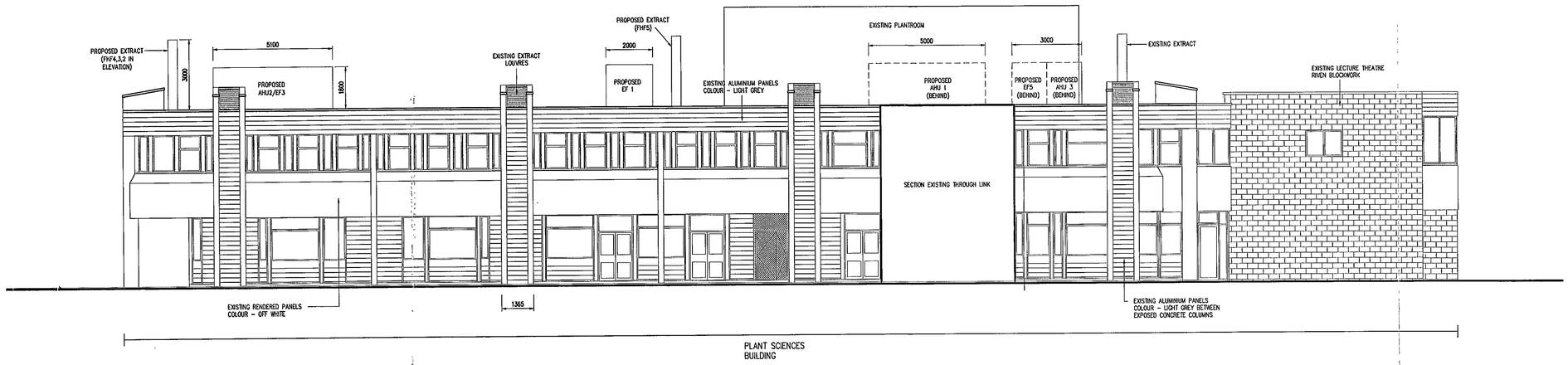
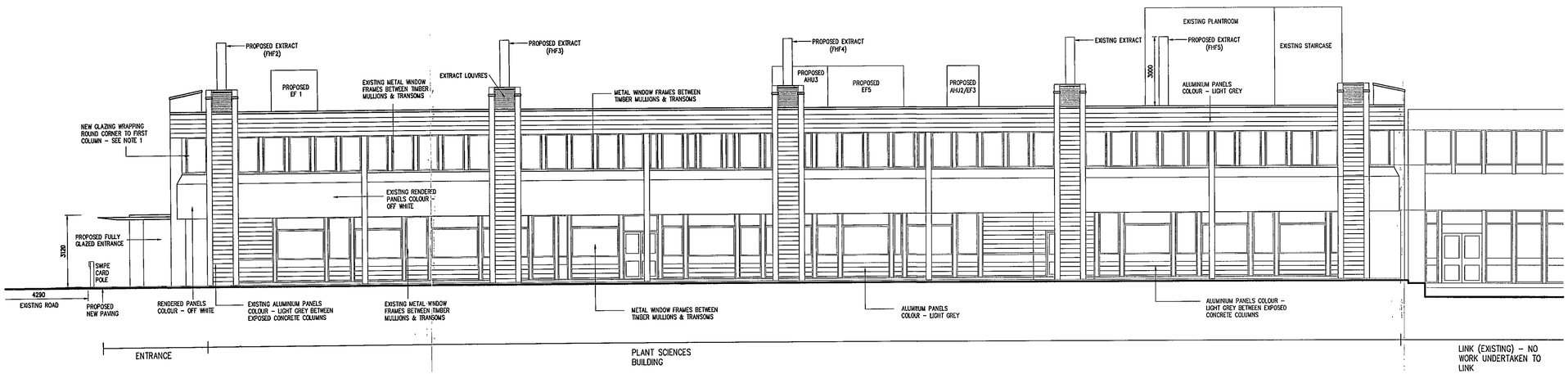


EAST ELEVATION



SOUTH ELEVATION

0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

KEY –

1 – NEW RIBBON WINDOWS. U–VALUE 2.2W/m²K

2 – TINTED GLASS (PART OF NEW CURTAIN WALL SYSTEM). U–VALUE 2.2W/m²K

3 – INSULATED OPAQUE PANEL (PART OF NEW CURTAIN WALL SYSTEM). U–VALUE 0.35W/m²K

NOTES –

1 – PLANT SIZES SHOWN ARE INDICATIVE SUBJECT TO CONFIRMATION FROM MECHANICAL ENGINEER.

2 – ENTRANCE LOBBY CONSISTS OF:
- STRUCTURAL GLAZING (FULL HEIGHT)
- SINGLE PLY MEMBRANE ROOF ON LIGHTWEIGHT DECK
- STEEL FRAME TO ROOF.
- SUSPENDED PLASTERBOARD CEILING WITH 600mm SHADOW GAP BETWEEN EDGE OF CEILING & STRUCTURAL GLAZING.
- NATURAL SLATE FLOOR FINISH
- MANIFESTATION STRIP

PLANNING REVISION

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading

APPROVED

Project: BIOCENTRE

Title: PLANT SCIENCES W031
PROPOSED SOUTH & EAST ELEVATIONS

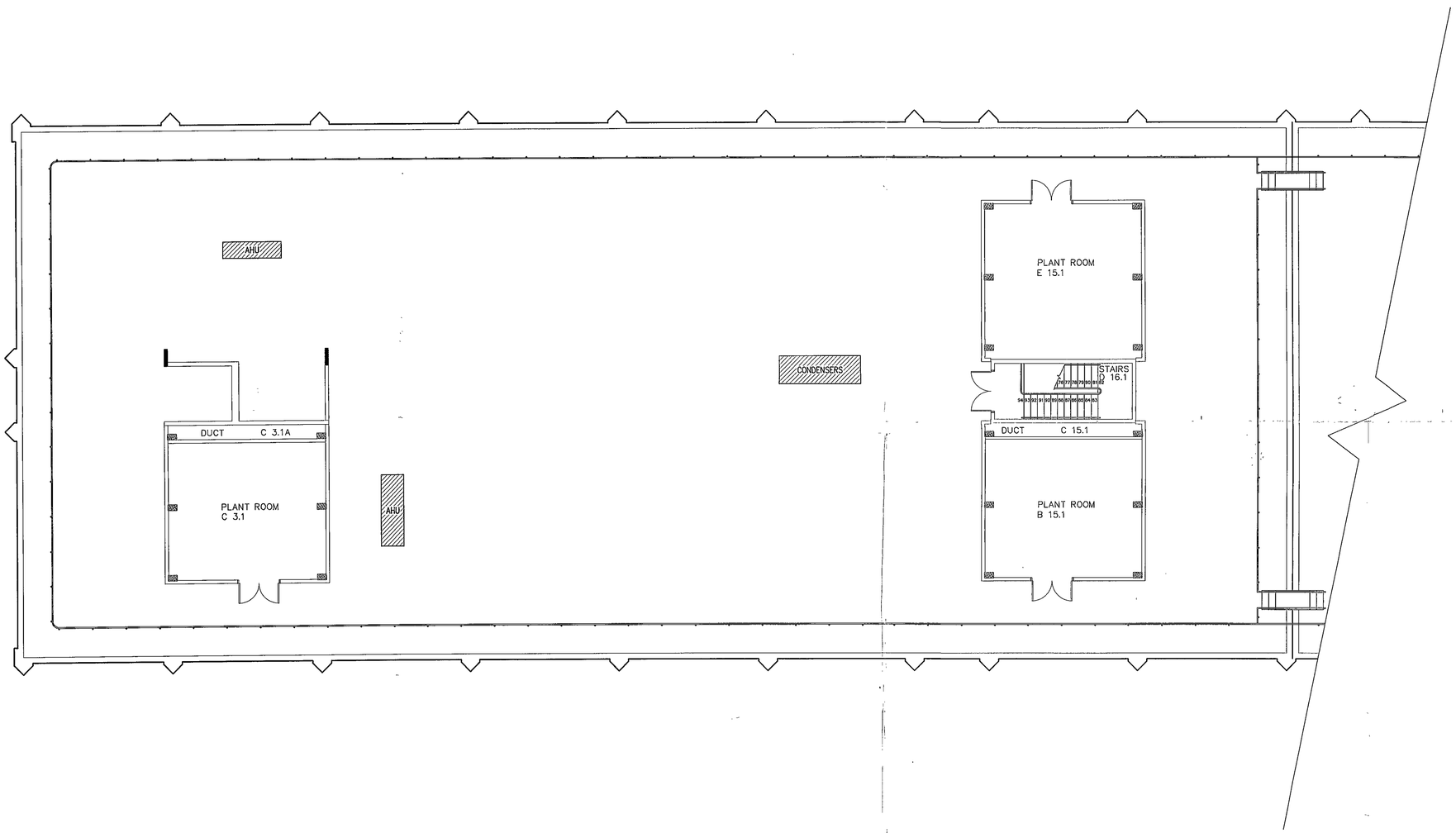
Scale	Drawn AE	Checked DD	Approved
1:100	Date 17/11/02	Date 17.12.02	Date
CAD Ref	Q:\projects\37482\09 Dwgs\AMEC\Arch\Plot drawings		

19.DEC.2002 8100

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

© Copyright

Project number	Drawing number	Revision
37482	IDA-1501	OR



0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

NOTE:
POSITION OF PLANT INDICATIVE ONLY

FOR INFORMATION ONLY

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading

Project
RELOCATION OF F.M.S.U.

Title
FOOD STUDIES BUILDING WO47
LEVEL 5 PLAN
PROPOSED

Scale	Drawn D.DOWNING	Checked	Approved
1:100 @ A1	Date 15.08.02	Date	Date

CAD Ref: D:\Projects\amec\dwgs\37482\

DC	
APP	
CS	
COPIES TO	

22 NOV 2002

amec

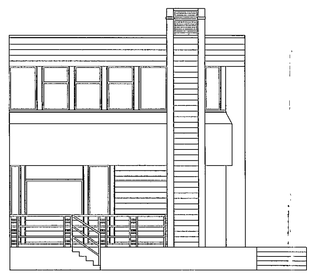
AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

© Copyright

Project number	Drawing number	Revision
37482	IDA-0305	OR



WEST ELEVATION – EXISTING



NORTH ELEVATION

0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

FOR INFORMATION ONLY

Revision	Description	Drawn	Date	Checked	Approved
Revisions					

The University of Reading

Project: BIOCENTRE

Title: PLANT SCIENCES W031
EXISTING ELEVATION

Scale	Drawn AE	Checked	Approved
1.100	Date 22/10/02	Date	Date

CAD Ref: Q:\projects\37482\09 Dwgs\AMEC\Arch\Plot drawings

PLANNING SERVICES	INFO
POL	DS
DC	JAF
APP	
CS	

22 NOV 2002

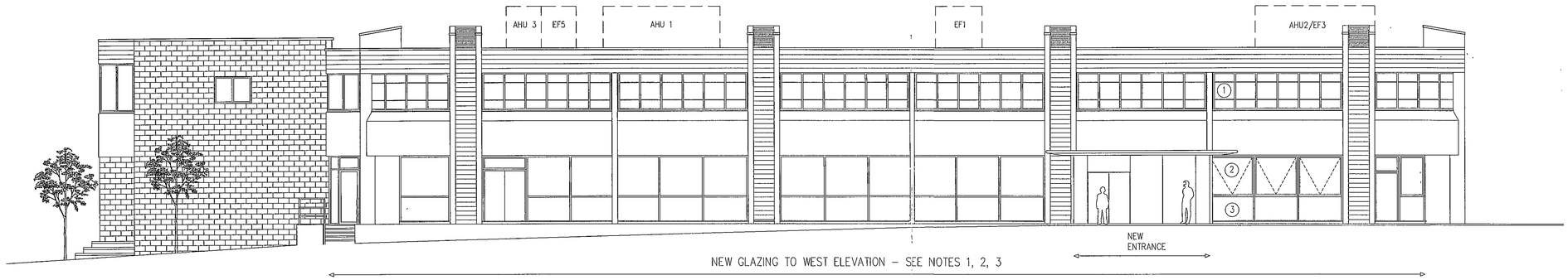
COPIES TO	ACK
	FILE

amec

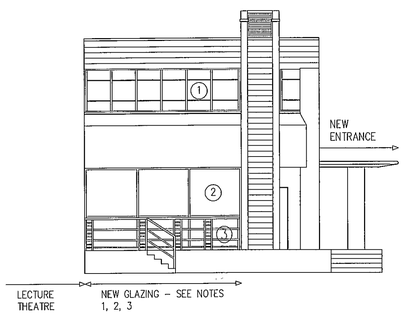
AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 6NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

©Copyright

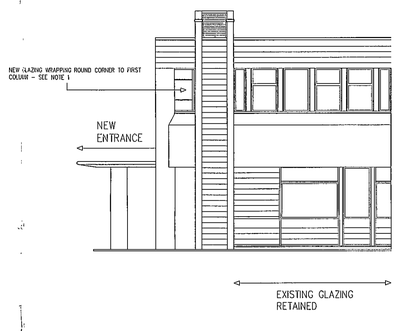
Project number	Drawing number	Revision
37482	IDA-1500	OR



WEST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION

0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

KEY –

1 – NEW RIBBON WINDOW

2 – TINTED GLASS (PART OF NEW CURTAIN WALL SYSTEM)

3 – INSULATED OPAQUE PANEL (PART OF NEW CURTAIN WALL SYSTEM)

FOR INFORMATION ONLY

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading

Project
BIOCENTRE

Title
PLANT SCIENCES W031
PROPOSED ELEVATION

Scale	Drawn AE	Checked	Approved
1:100	Date 22/10/02	Date	Date
CAD Ref	Q:\projects\37482\09 Dwgs\AMEC\Arch\Plot drawings		

PLANNING SERVICES
POL
DC
APP
CS
HPT
TLS
ENF
22 NOV 2002

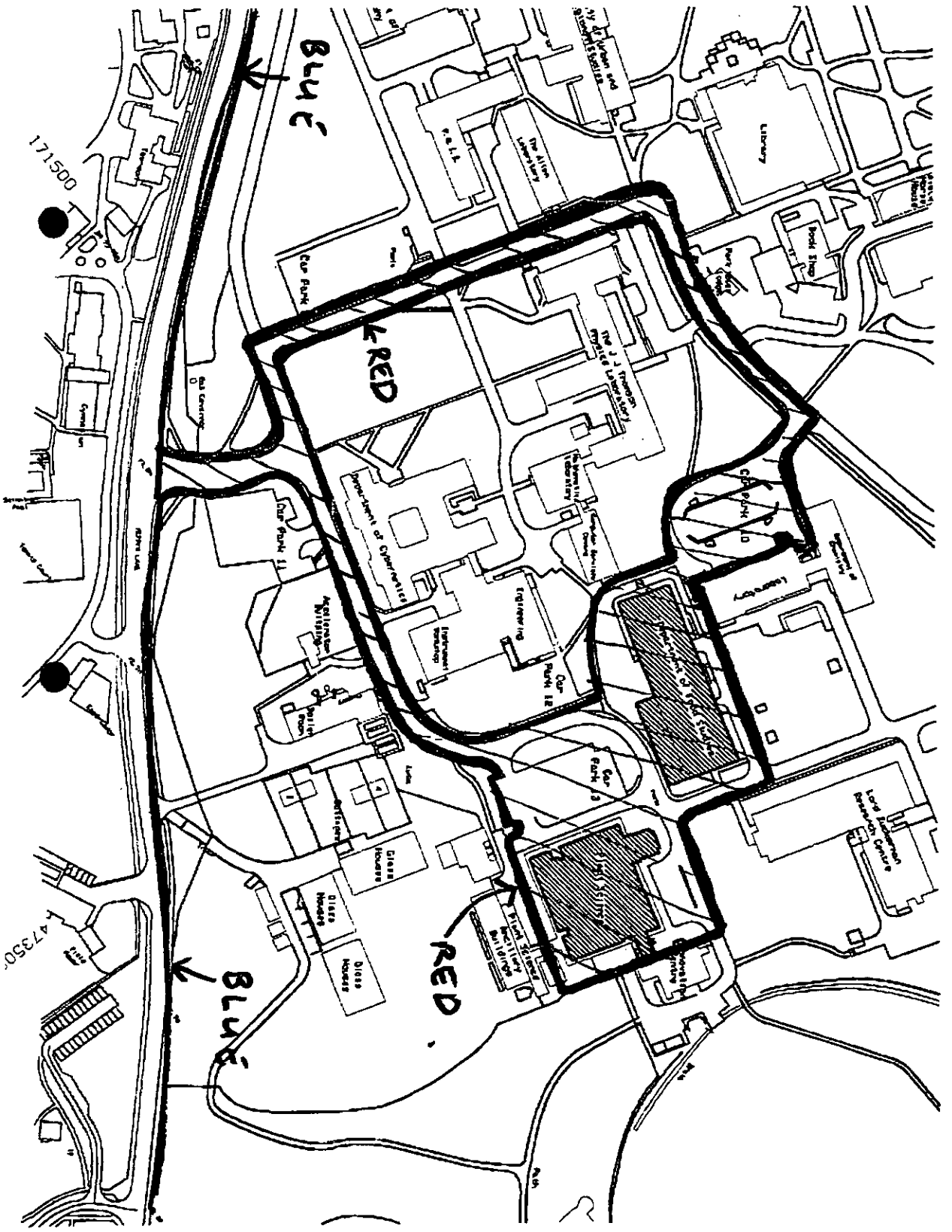
amec

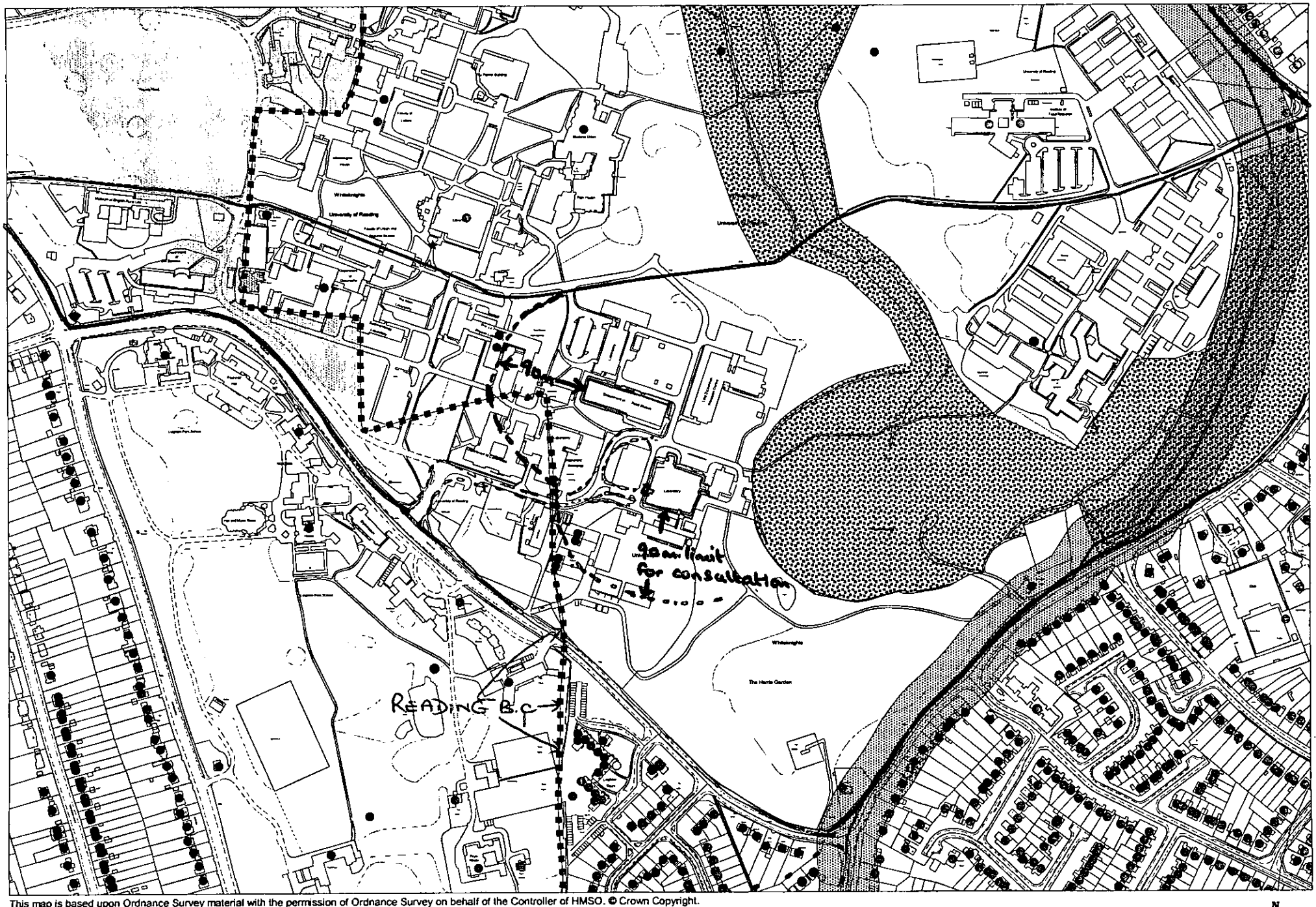
AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NU
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

©copyright

Project number	Drawing number	Revision
37482	IDA-1500	OR

01789 413667


BLUE
RED
RED
BLUE
171500
Car Park
Car Park 11
Car Park 12
Car Park 13
Old Carriage
Library
Book Shop
Cafeteria
Dixon Houses
Dixon Houses
Dixon Houses
Dixon Houses
Lord Ashcroft Research Centre
Lord Ashcroft Research Centre
Pitch Sports Building
Pitch Sports Building
Pitch
Pitch
Pitch



This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of HMSO. © Crown Copyright.
Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.Wokingham District Council Licence LA086134

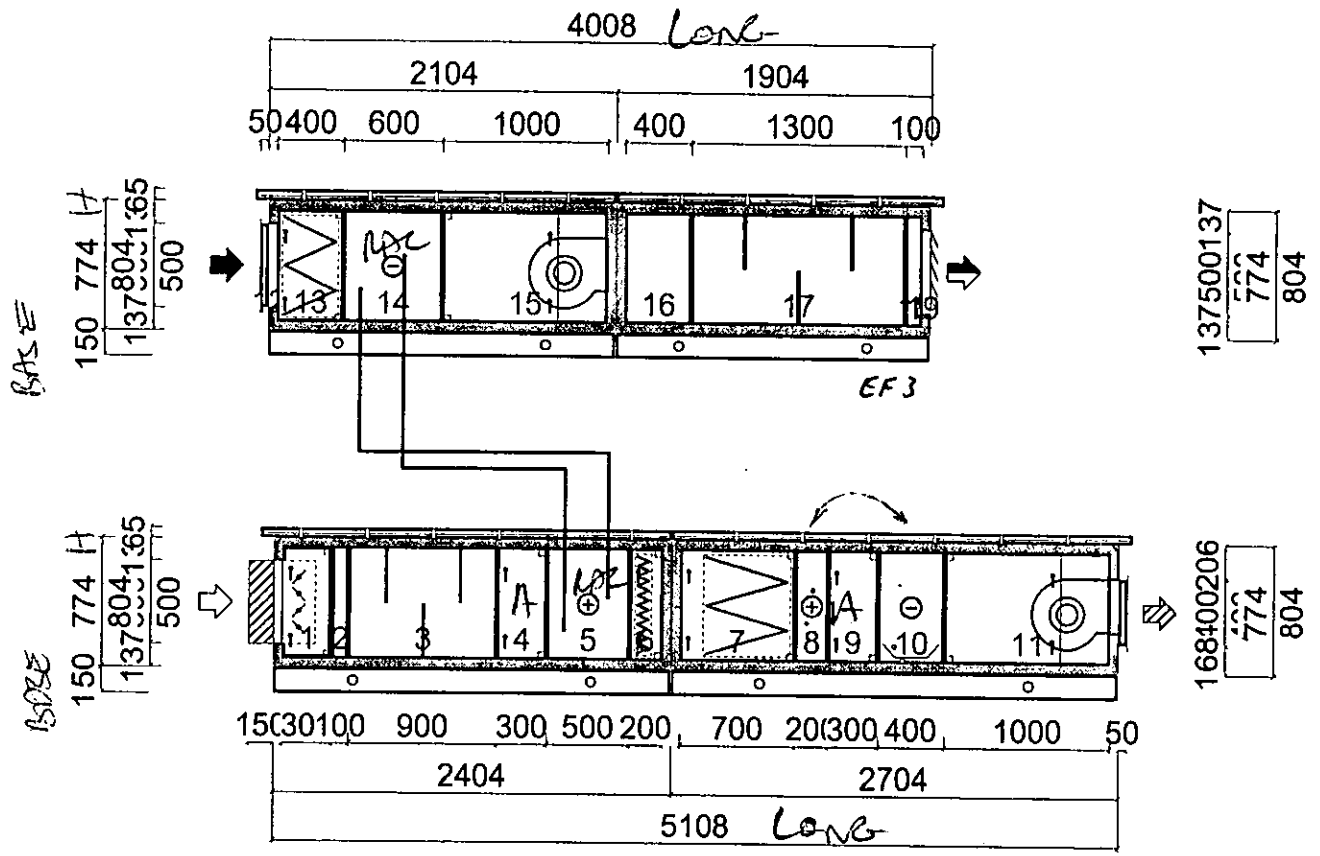
Development Control,Wokingham District Council.

4 December 2002

Scale: 1 : 5000

N
W E
S

19 DEC 2002 8100



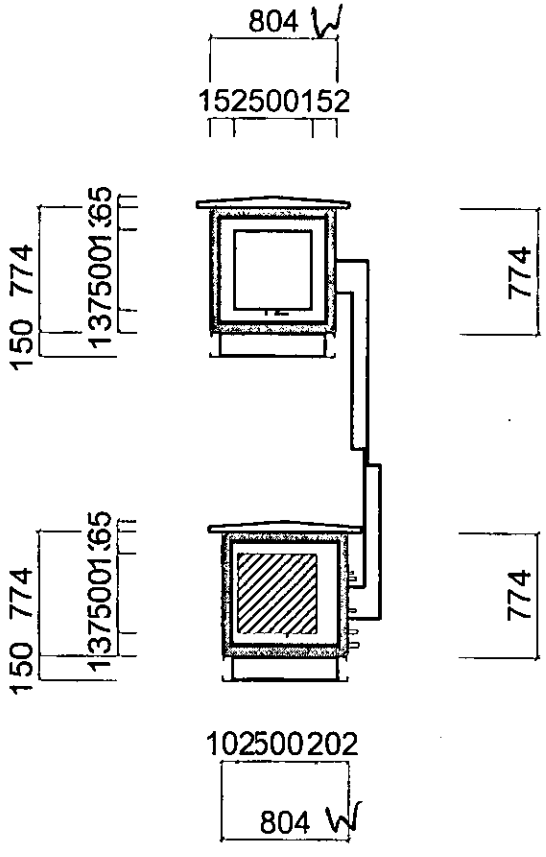
PRICE £8,948.00 Delivered

+ SIZE 01 PUMP PACK £1,288.00

View from inspection side

Date	30/01/03	FläktWoods
Our ref.	pm/Q72927A00	
Project ID	NoName	
Project	Reading University	
Unit	AHU 3 S/E PLANT SCIENCES	
Supply	EU-20	0.97 m³/s
Exhaust	EU-20	0.50 m³/s

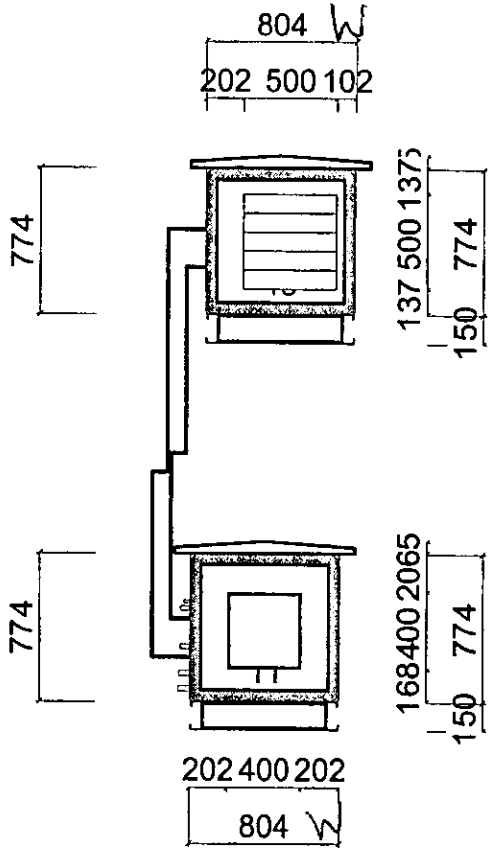
Ver 5.05.11



View from left hand side

Ver 5.05.11

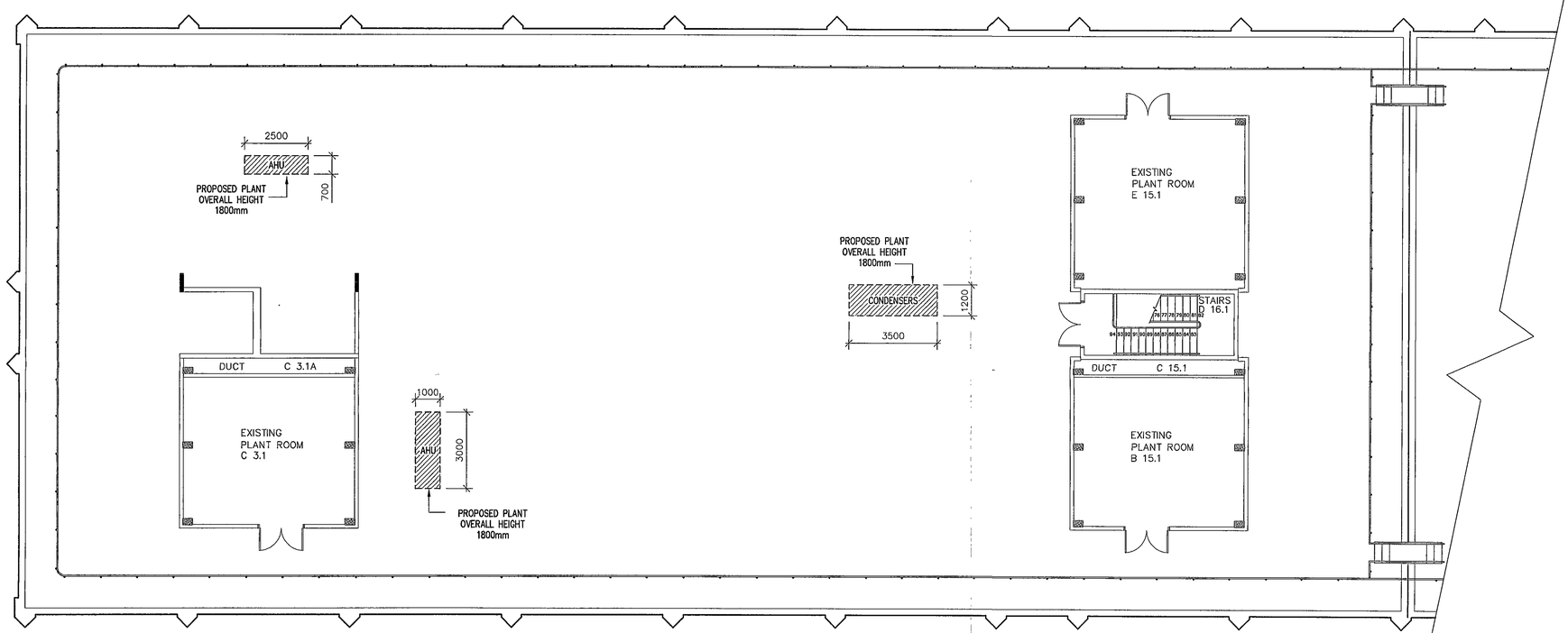
Date	30/01/03	FläktWoods
Our ref.	pm/Q72927A00	
Project ID	NoName	
Project	Reading University	
Unit	AHU 3 S/E PLANT SCIENCES	
Supply	EU-20	0.97 m³/s
Exhaust	EU-20	0.50 m³/s



View from right hand side

Date	30/01/03	FläktWoods
Our ref.	pm/Q72927A00	
Project ID	NoName	
Project	Reading University	
Unit	AHU 3 S/E PLANT SCIENCES	
Supply	EU-20	0.97 m³/s
Exhaust	EU-20	0.50 m³/s

Ver 5.05.11



0 — 100
This drawing may have been reduced — original scale : 100mm

Reference Drawings | Legend | Notes

NOTE:

POSITION OF PROPOSED PLANT INDICATIVE ONLY SUBJECT TO MECHANICAL ENGINEER FINAL CONFIRMATION.

ONLY LARGE SCALE PLANT SHOWN – SMALL SCALE EXTRACTS / CONDENSERS & DX UNITS NOT SHOWN.

AHU – AIR HANDLING UNIT
EF – EXTRACT FAN

PLANNING REVISION

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading
APPROVED

Project: RELOCATION OF F.M.S.U.

Title: FOOD STUDIES BUILDING WO47
LEVEL 5 PLAN
PROPOSED

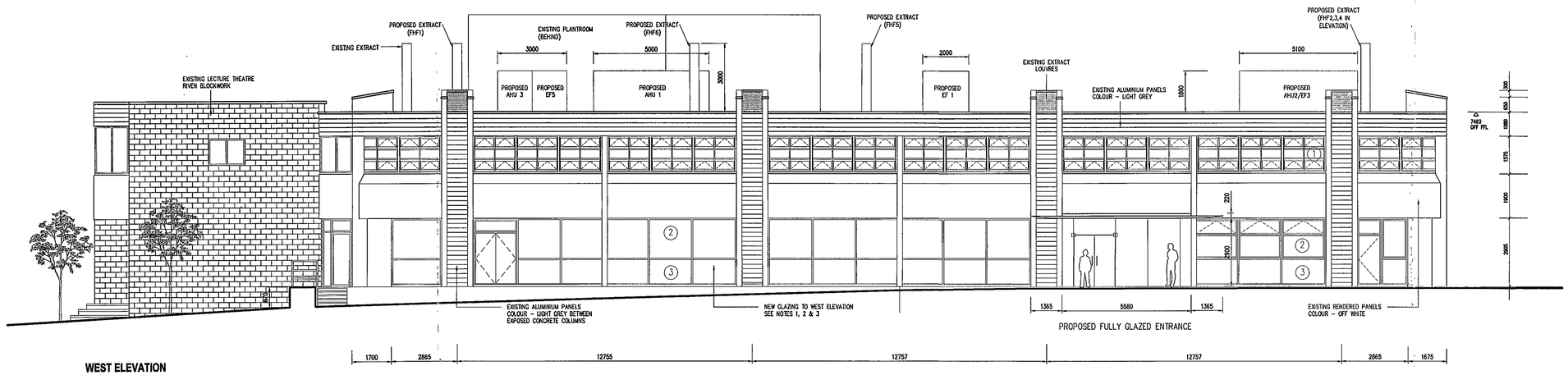
Scale	Drawn D.DOWNING	Checked BSD	Approved
1:100 @ A1	Date 15.08.02	Date 27.11.02	Date
CAD Ref	Q:\projects\amec\dwgs\37482\		

13.11.02 8100

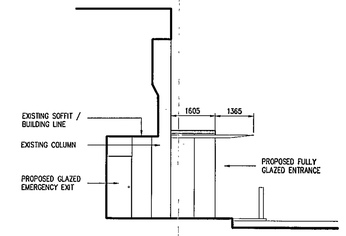
amec

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com
©Copyright

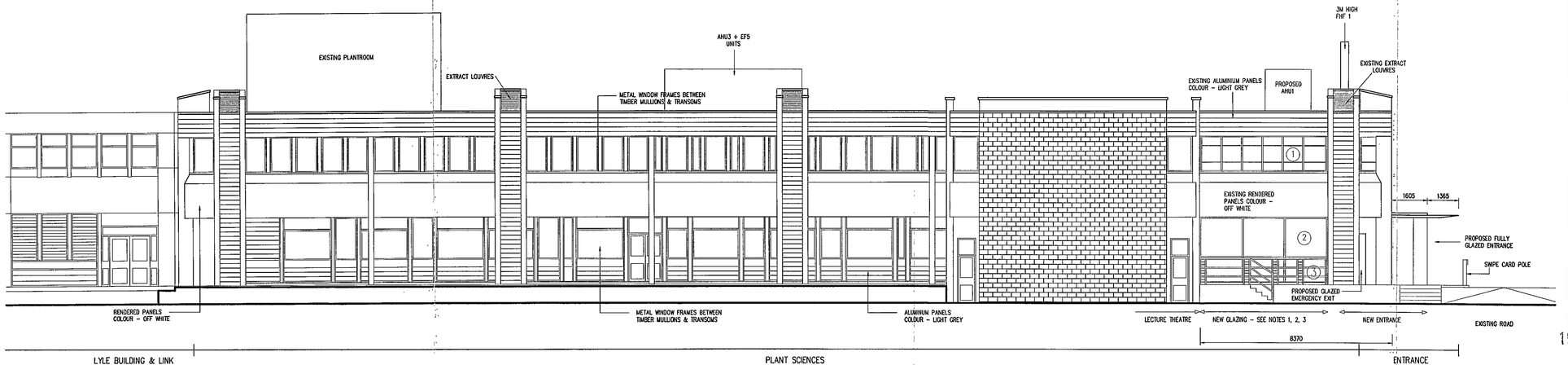
Project number	Drawing number	Revision
37482	IDA-0305	OR



WEST ELEVATION



NORTH ELEVATION OF PROPOSED LOBBY



LYLE BUILDING & LINK (EXISTING) - NOT PART OF PLANNING APPLICATION. NO WORK UNDERTAKEN TO LYLE BUILDING

PLANT SCIENCES BUILDING

ENTRANCE

NORTH ELEVATION

0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

KEY -

1 - NEW RIBBON WINDOWS. U-VALUE 2.2W/m²K

2 - TINTED GLASS (PART OF NEW CURTAIN WALL SYSTEM). U-VALUE 2.2W/m²K

3 - INSULATED OPAQUE PANEL (PART OF NEW CURTAIN WALL SYSTEM). U-VALUE 0.35W/m²K

NOTES -

1 - PLANT SIZES SHOWN ARE INDICATIVE SUBJECT TO CONFIRMATION FROM MECHANICAL ENGINEER.

2 - ENTRANCE LOBBY CONSISTS OF:
- STRUCTURAL GLAZING (FULL HEIGHT)
- SINGLE PLY MEMBRANE ROOF ON LIGHTWEIGHT DECK
- STEEL FRAME TO ROOF.
- SUSPENDED PLASTERBOARD CEILING WITH 600mm SHADOW GAP BETWEEN EDGE OF CEILING & STRUCTURAL GLAZING.
- NATURAL SLATE FLOOR FINISH
- MANIFESTATION STRIP

PLANNING REVISION

Revision	Description	Drawn	Date	Checked	Approved
B	FULL NORTH ELEVATION ADDED, ENTRANCE ROOF UPDATED	AE	13/12/02		
A	FIRST FLOOR GLAZING AMENDED TO SUIT KAWNEER SECTION SIZES & OPENING LIGHT DETAILS. GROUND FLOOR OPENING LIGHTS AMENDED FOLLOWING CONSULTATION WITH KAWNEER.	AE	2/12/02		

Revisions

The University of Reading

APPROVED

19 DEC 2002 8100

Project: BIOCENTRE

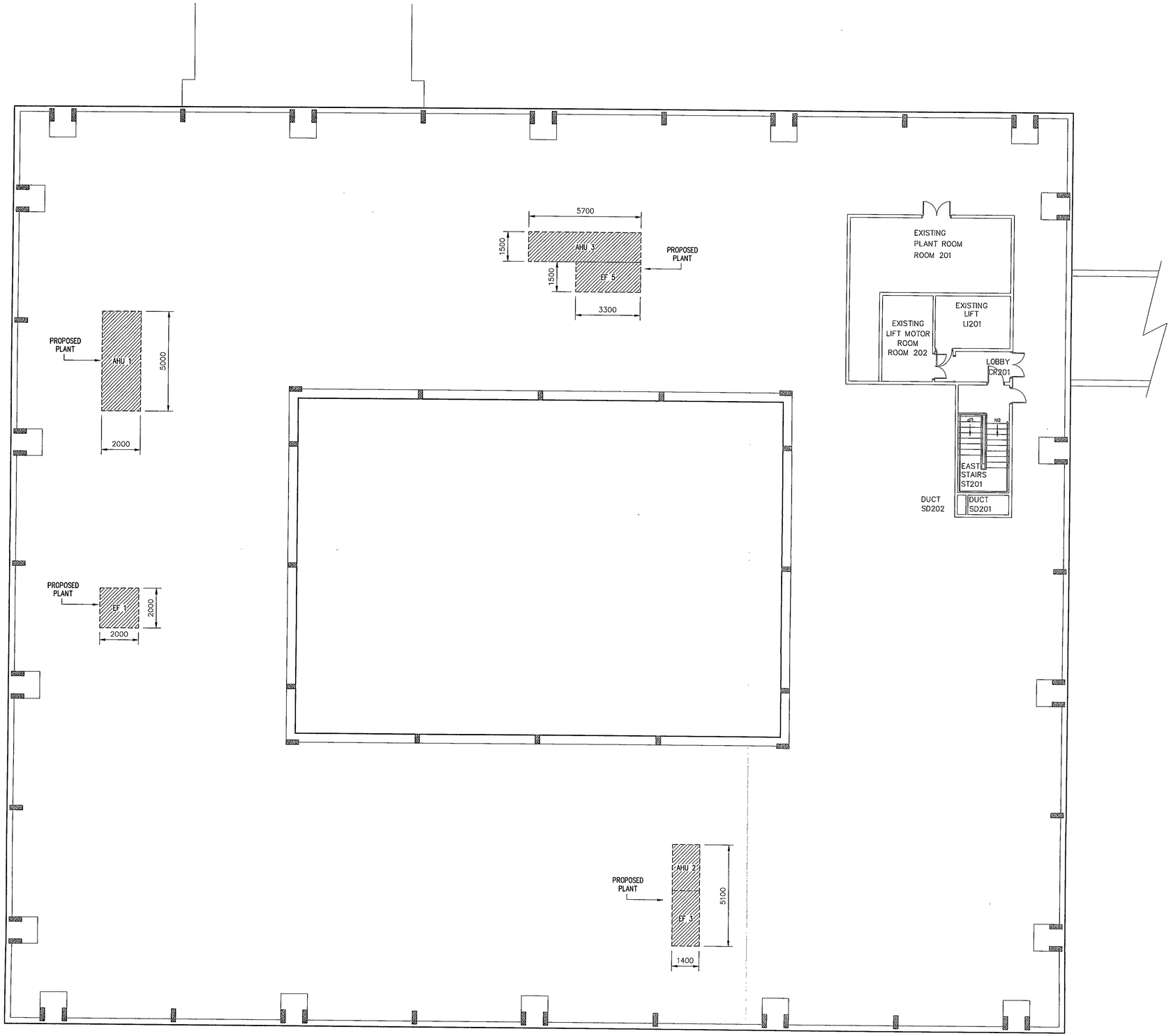
Title: PLANT SCIENCES W031
PROPOSED NORTH & WEST ELEVATIONS

Scale	Drawn AE	Checked DD	Approved
1:100	Date 22/10/02	Date 17.12.02	Date
CAD Ref	Q:\projects\37482\09 Dwgs\AMEC\Arch\Plot drawings		

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

©Copyright

Project number	Drawing number	Revision
37482	IDA-1500	B



0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

NOTE:

POSITION OF PRPOSED PLANT INDICATIVE ONLY SUBJECT TO MECHANICAL ENGINEER FINAL CONFIRMATION.

ONLY LARGE SCALE PLANT SHOWN - SMALL SCALE EXTRACTS / CONDENSERS & DX UNITS NOT SHOWN.

AHU - AIR HANDLING UNIT
EF - EXTRACT FAN

NEW EDGE PROTECTION HANDRAIL - 1100mm HIGH (PROPRIETARY FREE STANDING CANTILEVER SYSTEM) - NOT INDICATED FINAL POSITION TO BE AGREED WITH PLANNING SUPERVISOR.

*

PLANNING REVISION

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading
APPROVED

Project: BIOCENTRE

Title: PLANT SCIENCES WO31
ROOF PLAN
PROPOSED

Scale	Drawn	Checked	Approved
1:100 @ A1	B.NAYLOR	DSD	
	Date 21/11/02	Date 27.11.02	Date

CAD Ref: Q:\projects\amec\dwgs\37482\

19 DEC 2002 8100

amec

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

© Copyright

Project number	Drawing number	Revision
37482	IDA-0202	OR

0 — 100
This drawing may have been reduced — original scale : 100mm

Reference Drawings | Legend | Notes

SEE DETAIL A

CAR PARK

LECTURE THEATRE

WALKWAY

FIRE LOBBY | PROJECTION STORE | FIRE LOBBY

CORRIDOR

MASS SPEC

NORTH STAIR UP

COMPUTER LABORATORY A

E.M. FUME CUP'D

PREPARATION ROOM SUITE

WEIGHING ROOM

DARK RM.

MICROTOMES

ELECTRON MICROSCOPE

MEDIA KITCHEN
GENERAL WASHING UP AND GLASSWARE STORE

AUTOCLAVES

AUTOCLAVES

HUB POSITION

MAIN ENTRANCE HALL

CAT. 2 TRANSCRIPTOMICS/ PROTEOMICS LAB.

CLEANERS STORE

MACHINERY SERVICE AREA

COMPUTER RACK STORAGE

LIGHT MICRO-SCOPE

COLOUR CIBA COPIER

OFFICE

SERVICE CIRCULATION CORRIDOR

LIFT

COLD STORE

CHEM. STORE

WATER TREATMENT

CORRIDOR

HOSE REEL

EAST STAIRS

PROVISIONAL POSITION OF GAS BOTTLE STORE

LOBBY

WOMENS LAV.

EM PHOTO-GRAPHY

MAIN STORE

SWITCH ROOM

KITCHEN

MENS LAV.

LOBBY

PREPARATION LAB

COMPUTER RESEARCH SERVICES

OFFICE

CLOAKROOM AREA

ACCOUNTS OFFICE

CONFERENCE ROOM

RESEARCH STUDENTS

LABORATORY MANAGER

STORE

OFFICE

COLD ROOM

OFFICE

OFFICE

POLE FOR CARD SWIPE 1100mm HIGH

ESCAPE DOOR

NEW FLOOR AREA = 39.5m²

EXTG DOORS REMOVED

NEW MAIN ENTRANCE

WEST STAIRS

Elec Dist Cup'd

Hose Reel

CLOAKS

INSTRUM'T ROOM

SOUTH STAIRS

UP

OFFICE

OFFICE

OFFICE

NEW PAVING

LINE OF EXISTING FLOOR SPACE

LINE OF NEW ENTRANCE ROOF

CURB LINE

FIRST FLOOR OVERHANG

TEACHING LAB. C

TEACHING LAB. B

ECOLOGY AND CROP PHYSIOLOGY RESEARCH

POST GRAD. WRITE-UP

STUDENT CIRCULATION CORRIDOR

CORRIDOR

COVERED STORAGE AREA

N

DAIS

LECTURE THEATRE

FIRE LOBBY | PROJECTION STORE | FIRE LOBBY

LOBBY

DETAIL A

PLANNING REVISION

Revision	Description	Drawn	Date	Checked	Approved
C	FOOTPATH BY ENTRANCE ADDED	RP	26.11.02	PSD	27.11.02
B	LAYOUT OF MAIN FLEXILAB REVISED FOLLOWING DETAILED ROOM LAYOUT MEETING WITH USER	DD	07.10.02		
A	COMPUTER RACK STORAGE ADDED, CLOAKS ADDED, LAYOUT OF MEDIA KITCHEN ADDED	DD	13.08.02		

Revisions

The University of Reading

APPROVED

Project: BIOCENTRE

Title: PLANT SCIENCES WO31 GROUND FLOOR PLAN PROPOSED

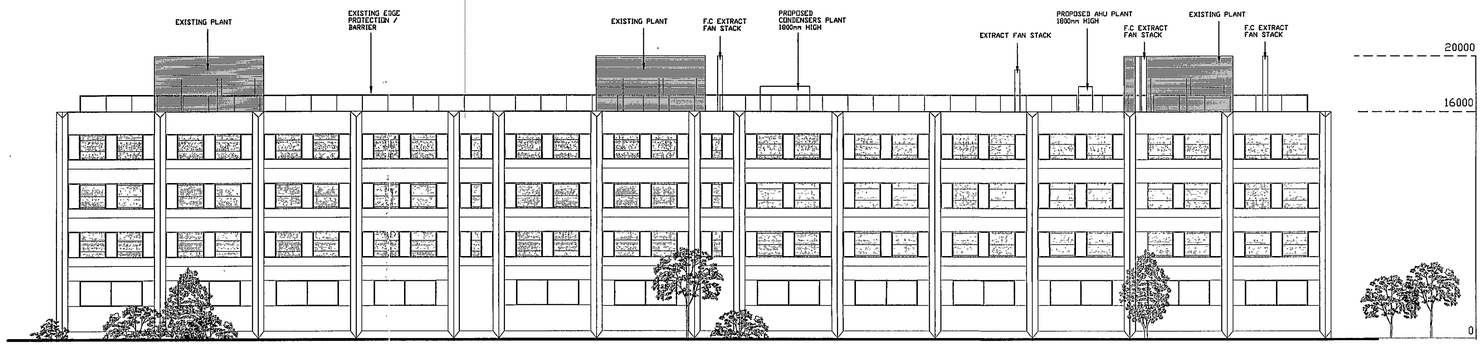
Scale	Drawn D.DOWNING	Checked D.BRIGGS	Approved
1:100 @ A1	Date 02.08.02	Date 09.08.02	Date
CAD Ref	Q:\projects\amec\dwgs\37482\		

16 DEC 2002 8100

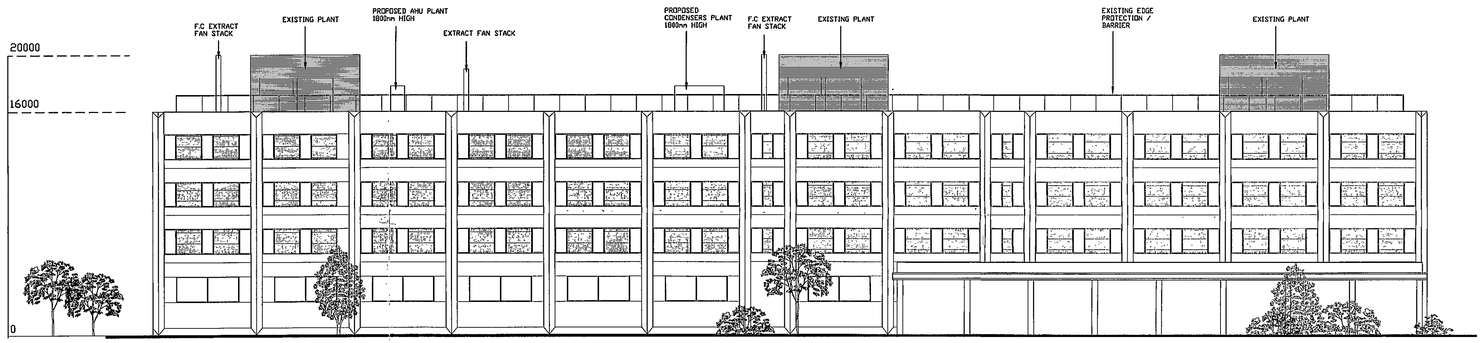
AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

©Copyright

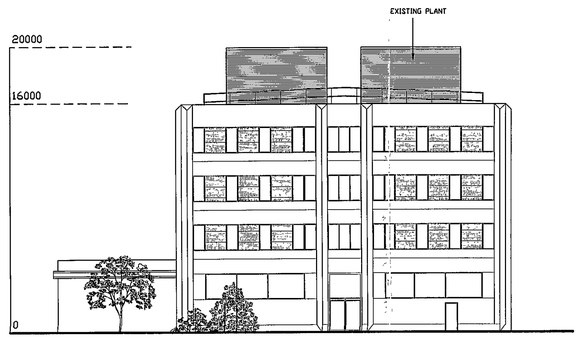
Project number	Drawing number	Revision
37482	IDA-0200	C



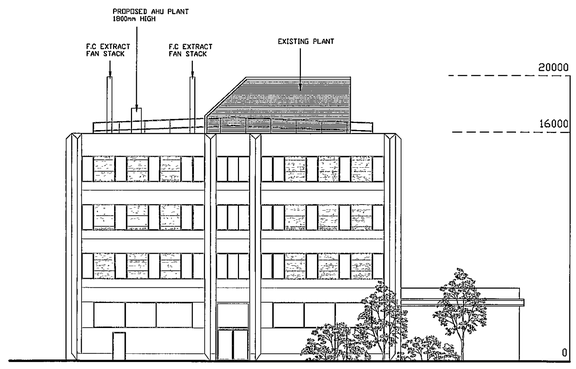
NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION

0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

PLANNING REVISION

Revision	Description	Drawn	Date	Checked	Approved

Revisions

APPROVED
The University of Reading

Project: RELOCATION OF FMSU

Title: ELEVATIONS - PLANT SCIENCES BUILDING WO47

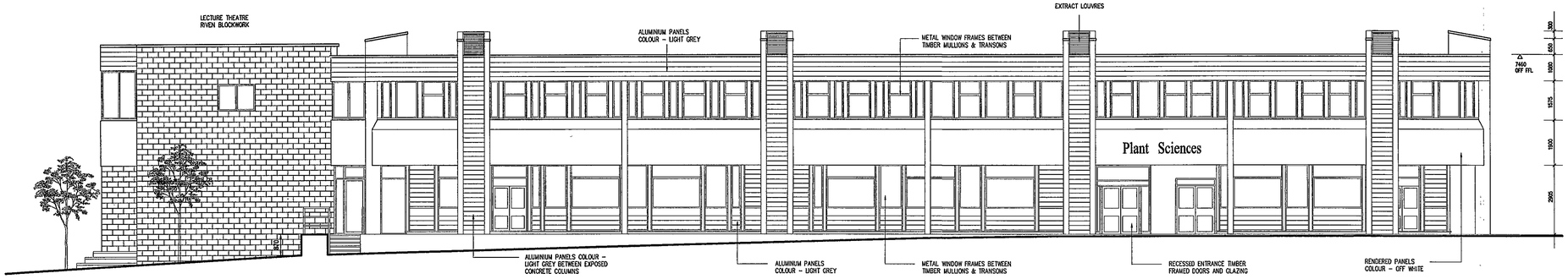
Scale	Drawn AE	Checked	Approved
1:100	Date 13/12/02	Date	Date
CAD Ref	Q:\projects\amec\dwgs\37482\09 Dwgs\Arch		

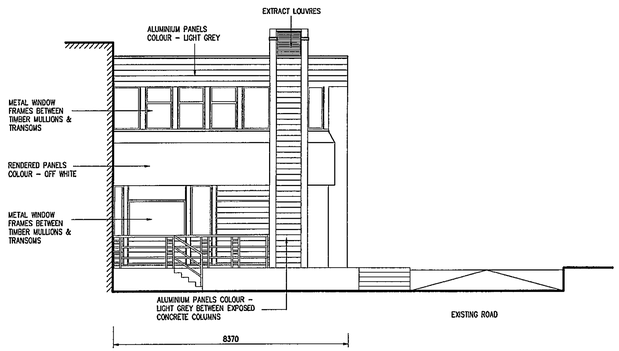
19 DEC 2002 8100

amec

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com
©Copyright

Project number	Drawing number	Revision
37482	IDA-1520	OR





NORTH ELEVATION
EXISTING

0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

*

PLANNING REVISION

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading

Project: BIOCENTRE

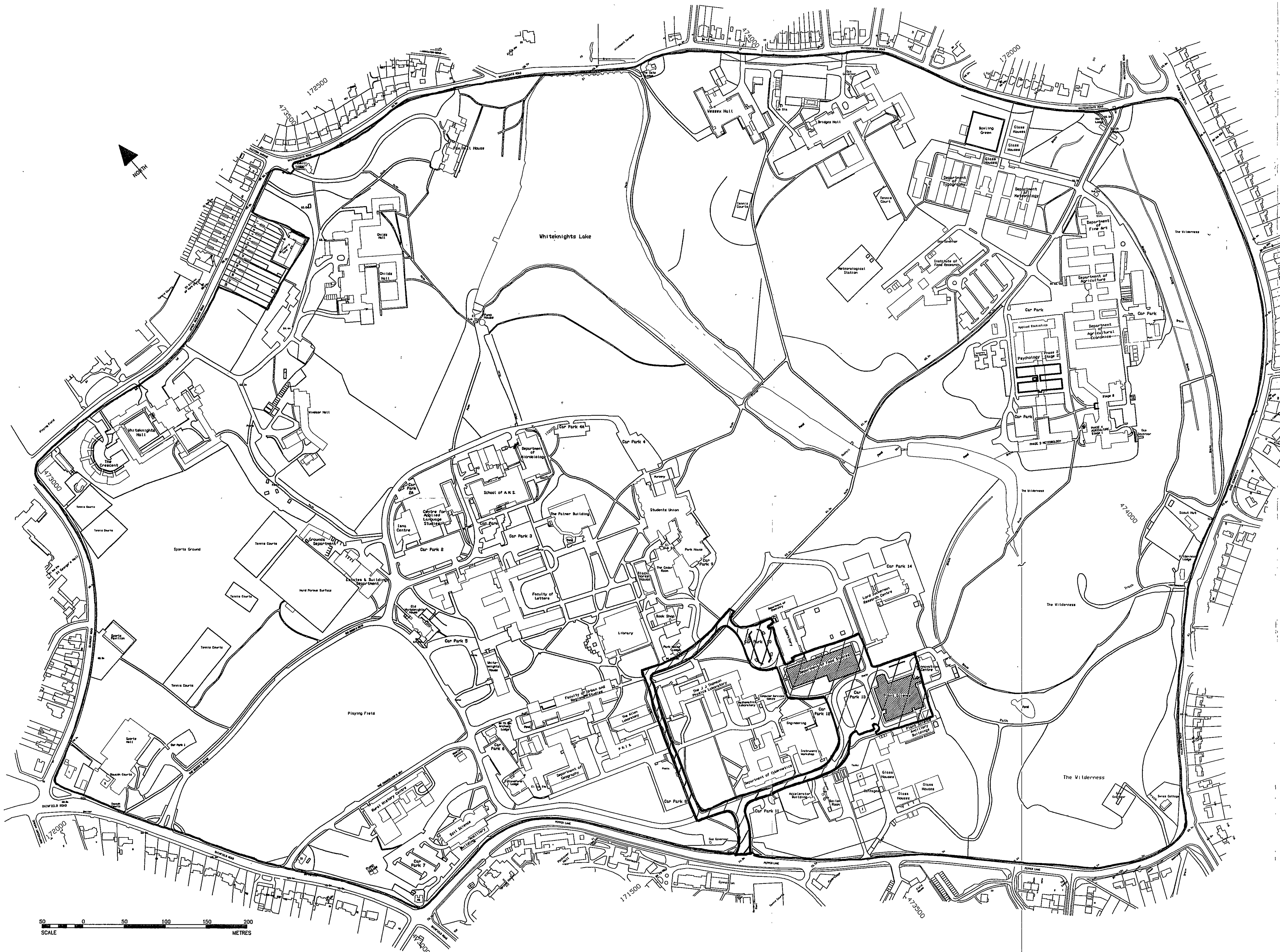
Title: PLANT SCIENCES W031
EXISTING ELEVATION

Scale	Drawn AE	Checked DSD	Approved
1:100	Date 22/10/02	Date 27.11.02	Date
CAD Ref	O:\projects\37482\09 Dwgs\AMEC\Arch\Plot drawings		

APPROVED amec
19 DEC 2002 8120

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com
©Copyright

Project number	Drawing number	Revision
37482	IDA-1510	OR



0 — 100
This drawing may have been reduced — original scale : 100mm

Reference Drawings | Legend | Notes

FMSU & PLANT SCIENCES BUILDINGS

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading

Project: 19 DEC 2002 8/10

Title: SITE PLAN

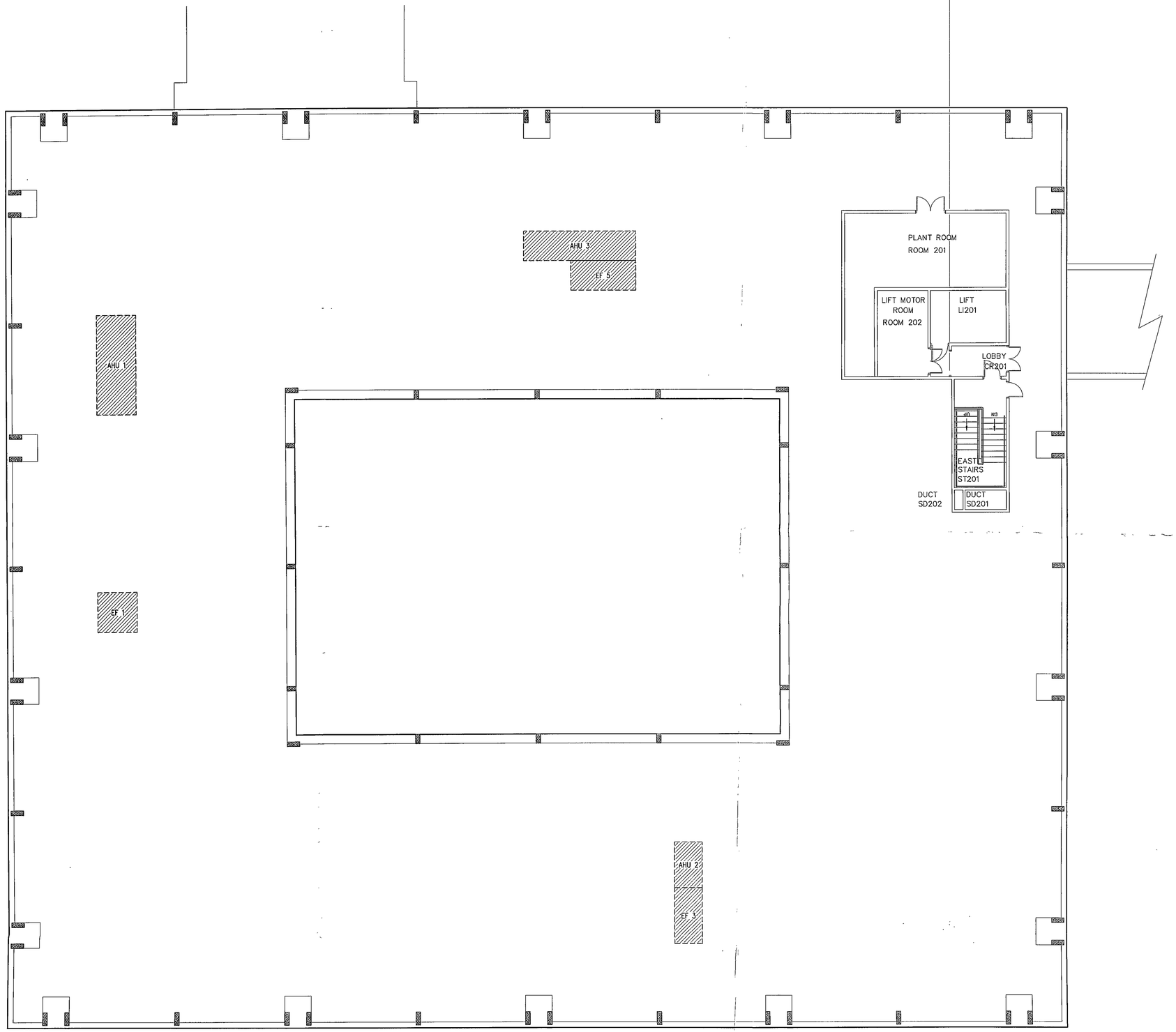
Scale	Drawn RP	Checked DSD	Approved
1:2500	Date 11/11/02	Date 27.11.02	Date
CAD Ref	Q:\projects\37482\09 Dwgs\AMEC\Arch\Plot drawings		

amec APPROVED

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

© Copyright

Project number	Drawing number	Revision
37482	IDA-1010	OR



0 100
This drawing may have been reduced original scale : 100mm

Reference Drawings | Legend | Notes

NOTE:
POSITION OF PLANT INDICATIVE ONLY

FOR INFORMATION ONLY

Revision	Description	Drawn	Date	Checked	Approved

Revisions

The University of Reading

Project
BIOCENTRE

Title
PLANT SCIENCES WO31
ROOF PLAN
PROPOSED

Scale	Drawn	Checked	Approved
1:100 @ A1	B.NAYLOR		
	Date 21/11/02	Date	Date

CAD Ref Q:\projects\amec\dwgs\37482\

POL	
DC	ENT
APP	
CS	
22 NOV 2002	
COPIES TO	

amec

AMEC Capital Projects Limited
Stratford upon Avon Warwickshire CV37 9NJ
tel +44 (0)1789 204288 fax +44 (0)1789 299135
www.amec.com

© Copyright

Project number	Drawing number	Revision
37482	IDA-0202	OR