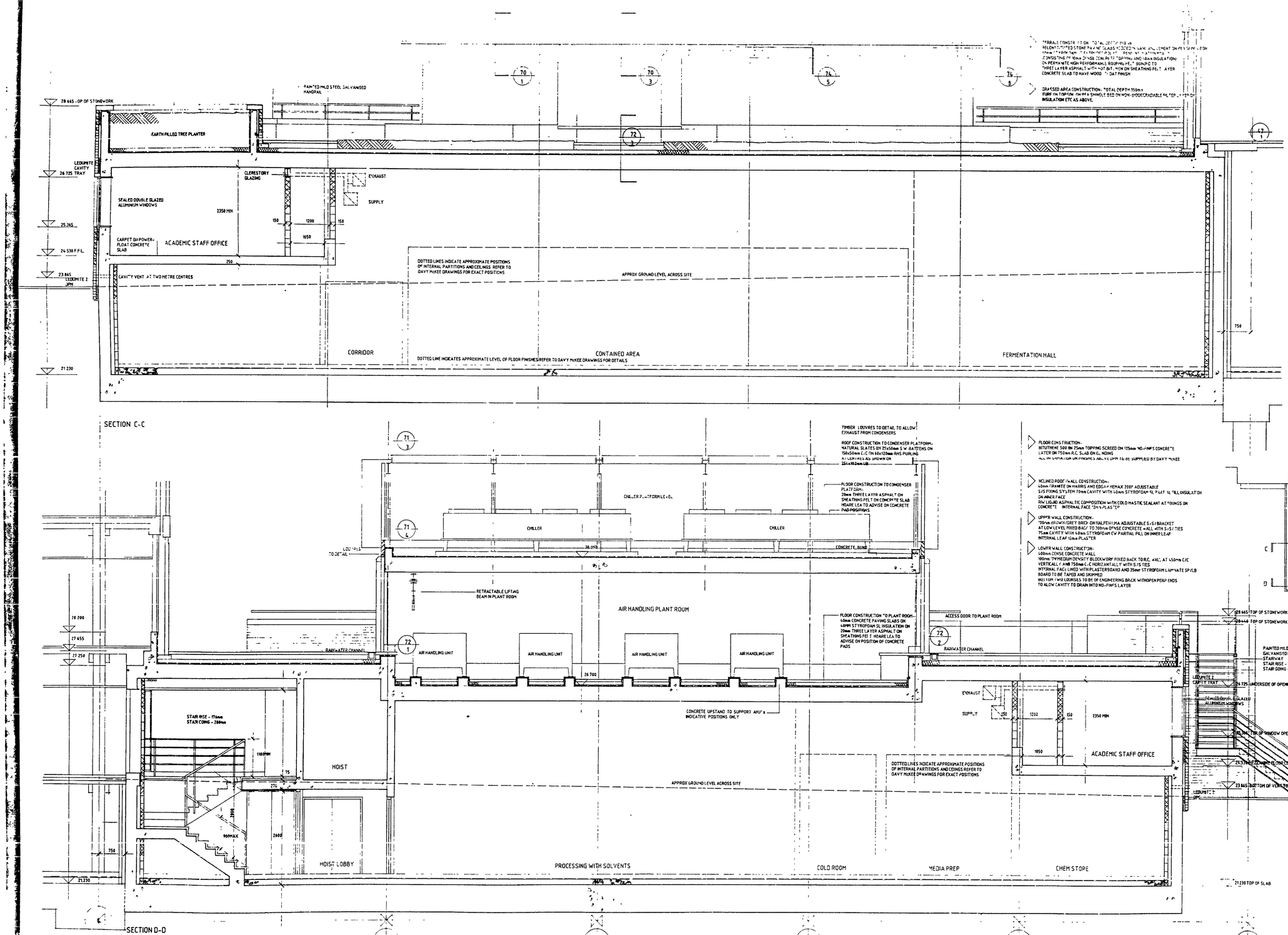
28 665 - OP OF STONEWORK
PAINTED MILD STEEL GALVANISED HANDRAIL
EARTH FILLED TREE PLANTER
LEDKAPPE CAVITY TRAY
26 725
CLERESTORY GLAZING
EXHAUST
SUPPLY
SEALED DOUBLE GLAZED ALUMINIUM WINDOWS
2350 MIN
150
1200
150
1050
25 365
CARPET OR POWER-FLOAT CONCRETE SLAB
ACADEMIC STAFF OFFICE
24 530 F.F.L.
750
23 865
LEDKAPPE 2 DPM
CAVITY VENT AT TWO METRE CENTRES
DOTTED LINES INDICATE APPROXIMATE POSITIONS OF INTERNAL PARTITIONS AND CEILINGS. REFER TO DAVY McKEE DRAWINGS FOR EXACT POSITIONS
APPROX GROUND LEVEL ACROSS SITE
CORRIDOR
DOTTED LINE INDICATES APPROXIMATE LEVEL OF FLOOR FINISHES. REFER TO DAVY McKEE DRAWINGS FOR DETAILS
CONTAINED AREA
FERMENTATION HALL
21 230
70 1
70 3
74 5
74 8
72 3
47 1
GRASSED AREA CONSTRUCTION- TOTAL DEPTH 350mm
TURF ON TOPSOIL ON RE-USE SUBSOIL BED ON NON-BIODEGRADABLE GEOTEXTILE ON
INSULATION ETC AS ABOVE.
28 775 TOP OF HANDRAIL
28 590 TOP OF STONEWORK
27 888 TOP OF CONCRETE UPSTAND
750
21 230 TOP OF SLAB
SECTION C-C
71 3
71 4
CHILLER PLATFORM LEVEL
CHILLER
CHILLER
LOUVRES TO DETAIL
38 090
CONCRETE BUND
TIMBER LOUVRES TO DETAIL TO ALLOW EXHAUST FROM CONDENSERS
ROOF CONSTRUCTION TO CONDENSER PLATFORM- NATURAL SLATES ON 25x50mm S/W BATTENS ON 150x50mm C/C ON 60x120mm RHS PURLINS AT CENTRES AS SHOWN ON 254x102mm UB
FLOOR CONSTRUCTION TO CONDENSER PLATFORM- 20mm THREE LAYER ASPHALT ON SHEATHING FELT ON CONCRETE SLAB HOARE LEA TO ADVISE ON CONCRETE PAD POSITIONS
RETRACTABLE LIFTING BEAM IN PLANT ROOM
AIR HANDLING PLANT ROOM
72 1
AIR HANDLING UNIT
AIR HANDLING UNIT
AIR HANDLING UNIT
AIR HANDLING UNIT
26 700
FLOOR CONSTRUCTION TO PLANT ROOM- 40mm CONCRETE PAVING SLABS ON 40mm STYROFOAM SL INSULATION ON 20mm THREE LAYER ASPHALT ON SHEATHING FELT ON HOARE LEA TO ADVISE ON POSITION OF CONCRETE PADS
CONCRETE UPSTAND TO SUPPORT AHU's INDICATIVE POSITIONS ONLY
ACCESS DOOR TO PLANT ROOM
72 2
RAINWATER CHANNEL
RAINWATER CHANNEL
28 700
27 655
27 250
STAIR RISE - 175mm
STAIR GOING - 280mm
1180MIN
75
HOIST
276
2700
900MAX
2600
750
HOIST LOBBY
21 230
APPROX GROUND LEVEL ACROSS SITE
DOTTED LINES INDICATE APPROXIMATE POSITIONS OF INTERNAL PARTITIONS AND CEILINGS REFER TO DAVY McKEE DRAWINGS FOR EXACT POSITIONS
PROCESSING WITH SOLVENTS
COLD ROOM
MEDIA PREP
CHEM STORE
SECTION D-D
FLOOR CONSTRUCTION-
BITUTHENE 500 ON 75mm TOPPING SCREED ON 175mm NO-FINES CONCRETE LAYER ON 750mm R.C. SLAB ON G. MOUNG
ALL INSULATION ON FINISHES ABOVE DPM TO BE SUPPLIED BY DAVY McKEE
INCLINED ROOF/WALL CONSTRUCTION-
40mm GRANITE ON HARRIS AND DUDLEY HEMAX 2000 ADJUSTABLE S/S FIXING SYSTEM 70mm CAVITY WITH 40mm STYROFOAM SL SLAB TO FILL INSULATION ON INNER FACE
RW LIQUID ASPHALTIC COMPOSITION WITH COLD MASTIC SEALANT AT FIXINGS ON CONCRETE INTERNAL FACE 12m PLASTER
UPPER WALL CONSTRUCTION-
150mm BROWN/GREY BRICK ON HALFEN HUA ADJUSTABLE S/S BRACKET AT LOW LEVEL FIXED BACK TO 300mm DENSE CONCRETE WALL WITH S/S TIES 75mm CAVITY WITH 40mm STYROFOAM CW PARTIAL FILL ON INNER LEAF INTERNAL LEAF 10mm PLASTER
LOWER WALL CONSTRUCTION-
400mm DENSE CONCRETE WALL
100mm THMEDIUM DENSITY BLOCKWORK FIXED BACK TO RC WALL AT 450mm C/C VERTICALLY AND 750mm C/C HORIZONTALLY WITH S/S TIES
INTERNAL FACE LINED WITH PLASTERBOARD AND 35mm STYROFOAM LAMINATE SP/LB BOARD TO BE TAPED AND SKIMMED
BOTTOM TWO COURSES TO BE OF ENGINEERING BRICK WITH OPEN PERP ENDS TO ALOW CAVITY TO DRAIN INTO NO-FINES LAYER
28 665 TOP OF STONEWORK
28 440 TOP OF STONEWORK
PAINTED MILD STEEL GALVANISED MOVABLE STAIRWAY
STAIR RISE - 180mm MAX.
STAIR GOING - 280mm MIN
LEDKAPPE 2 CAVITY TRAY
26 725 UNDERSIDE OF OPENING
EXHAUST
SUPPLY
250
1200
150
2350 MIN
1050
ACADEMIC STAFF OFFICE
26 365 TOP OF WINDOW OPENING
25 530 F.F.L. ACADEMIC
23 865 BOTTOM OF VENTS TO RWP CAVITY
LEDKAPPE 2 DPC
21 230 TOP OF SLAB
A
B
C
D
KEY PLAN
D 10/91 PRACT. COMPLETION.
C 4/91 WALL ON GRID LINE 4 AMENDED
B 11/90 PLANT ROOM LOUVRES REVISED
A 3.8.90 AMENDMENTS TO TERRACE SLAB FINISH
BUND WALLS CHILLER PLATFORM
ADDITION OF DOOR TO PLANTROOM
AMEND TERRACE RAINWATER CHANNELS
rev no
date
revisions
file ref
Cassen Cambar Partnership Architects
96 Thurloe Place London SW7 2HL Tel 01-584 4681
date APRIL 90
job name
ADVANCED CENTRE FOR BIOCHEMICAL ENGINEERING UCL
title
SECTIONS C-C & D-D
scale 1-50
job no 50-02-6
drawing no

elke