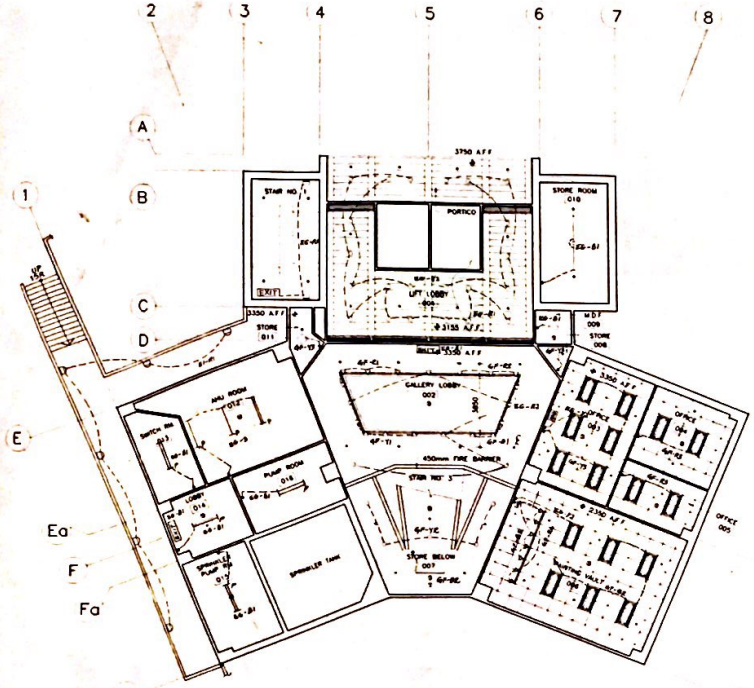
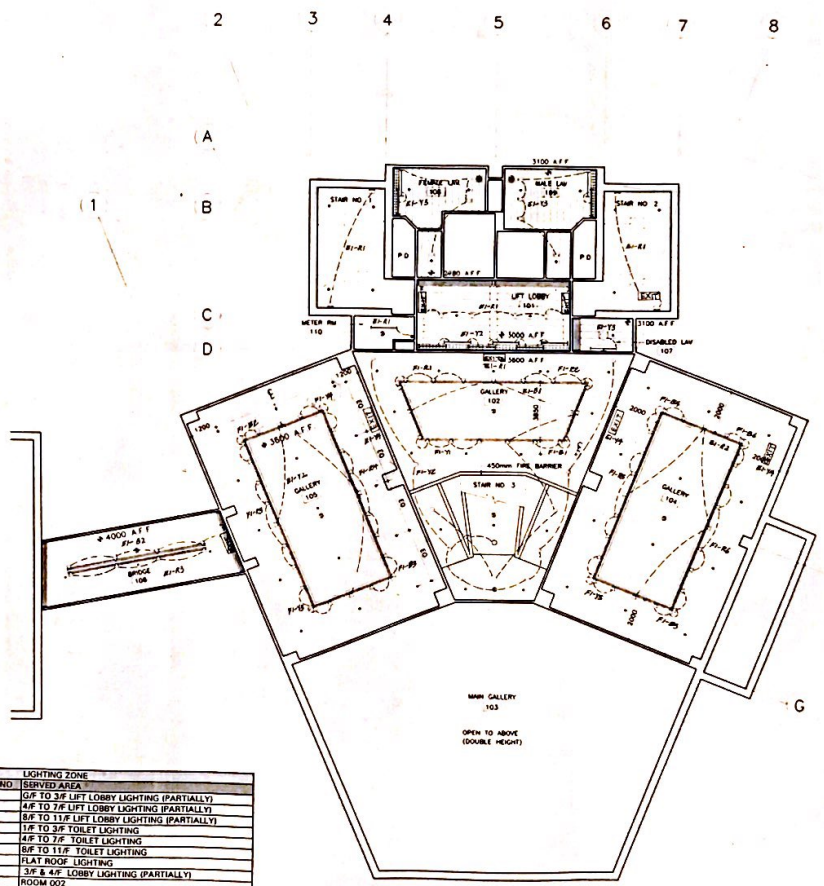


GRD FLOOR CEILING PLAN

MASTER LIGHTING CONTROL PANEL	LOCATION	LIGHTING ZONE	
		ZONE NO	SERVED AREA
MP (FOR PUBLIC AREA)	3/F STORE ROOM (RM 307)	PA	G/F TO 3/F LIFT LOBBY LIGHTING (PARTIALLY)
		PB	4/F TO 7/F LIFT LOBBY LIGHTING (PARTIALLY)
		PC	8/F TO 11/F LIFT LOBBY LIGHTING (PARTIALLY)
		PD	1/F TO 3/F TOILET LIGHTING
		PE	4/F TO 7/F TOILET LIGHTING
		PF	8/F TO 11/F TOILET LIGHTING
		PG	FLAT ROOF LIGHTING
		PH	3/F & 4/F LOBBY LIGHTING (PARTIALLY)
MG (FOR GALLERY)	G/F OFFICE (RM 003)	GA	ROOM 002
		GB	ROOM 002
		GC	ROOM 102
		GD	ROOM 102
		GE	ROOM 105
		GF	ROOM 105
		GG	ROOM 104
		GH	ROOM 104
		GI	ROOM 202
		GJ	ROOM 202
		GK	ROOM 103
		GL	ROOM 103

SCHEDULE OF MASTER LIGHTING CONTROL PANELS

REMARK
1 THESE LIGHTING PANELS ARE USED TO CONTROL AND MONITOR (BY INDICATION LAMP) THE ON/OFF STATUS OF EACH LIGHTING ZONE
2 THE CONTRACTOR SHALL LIAISE WITH THE ARCHITECT FOR THE EXACT LOCATION OF THESE LIGHTING PANELS



1ST FLOOR CEILING PLAN

ISSUE	REVISION	BY	DATE
A	ISSUE FOR ADDENDUM		
	ISSUE FOR TENDER		

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ARCHITECTS & ENGINEERS

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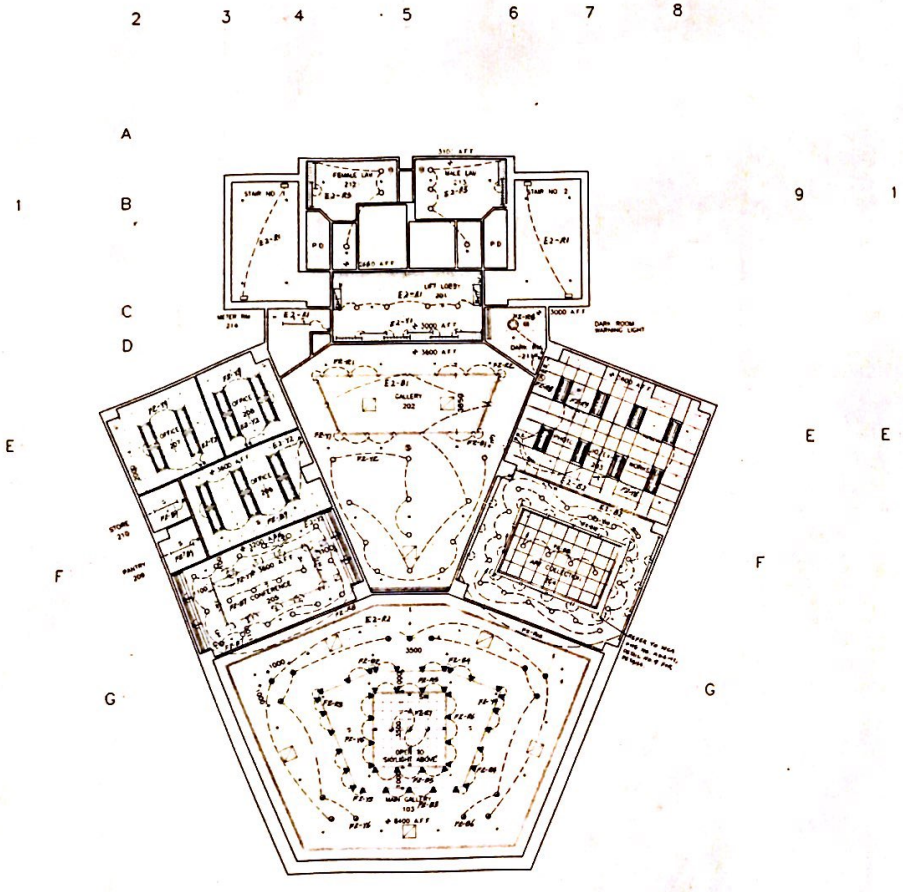
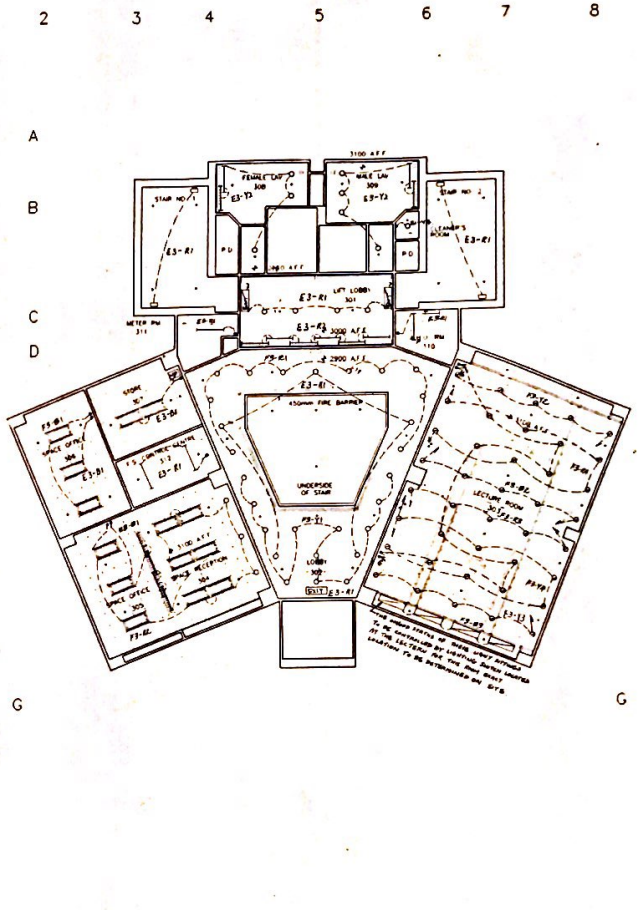
PROJECT
TSUI TSIN TONG BUILDING
UNIVERSITY OF HONG KONG
LL 8482, BONHAM ROAD, HK

TITLE
LIGHTING LAYOUT
GRD AND 1ST FLOOR



2ND FLOOR CEILING PLAN



3RD FLOOR CEILING PLAN

A ISSUE FOR ADDENDUM

ISSUE FOR TENDER

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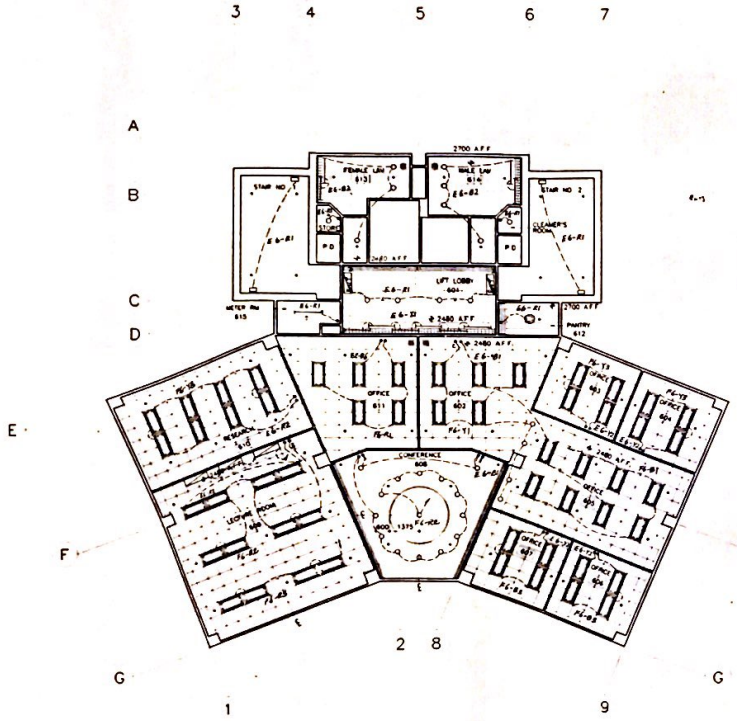
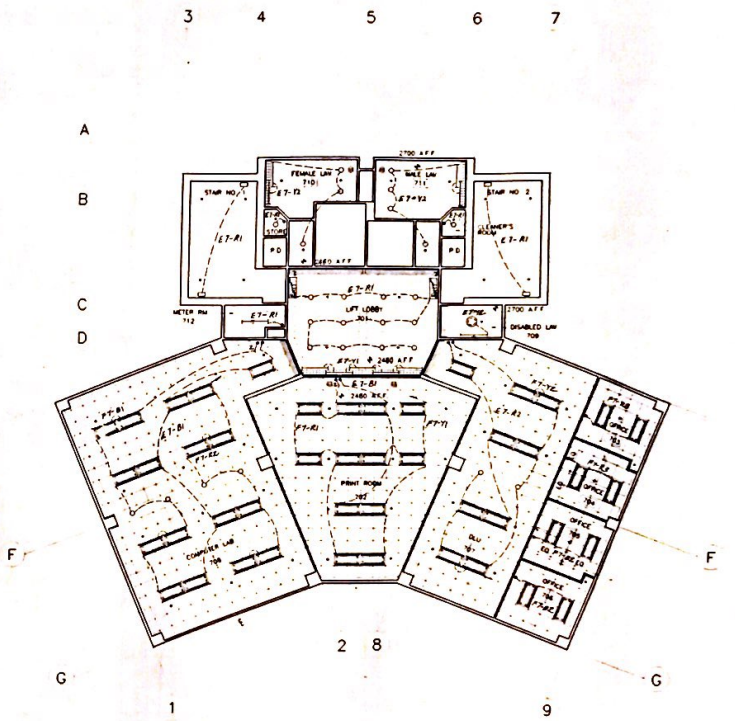
UNIVERSITY OF HONG KONG
LL.6488, BONHAM ROAD, HK

TITLE
LIGHTING LAYOUT
2ND AND 3RD FLOOR



6TH FLOOR CEILING PLAN



7TH FLOOR CEILING PLAN

A	ISSUE FOR ADDENDUM	WAC
	ISSUE FOR TENDER	

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UNIVERSITY OF HONG KONG
I.L. 8482, BONHAM ROAD, H.K.

TITLE
6TH AND 7TH FLOOR
LIGHTING LAYOUT


BONHAM ROAD
(APPROX 13M WIDE)
EXISTING BUILDING
(FUNG PING SHAN MUSEUM)
EXISTING BUILDING ABOVE
(SWIRE BUILDING)
EXISTING GROUND
EXISTING SLOPE
EXISTING STEPS
EXISTING FOOTPATH
EXISTING RETAINING WALL
LOT BOUNDARY
R.C. DECKING
CUT SLOPE (40° APPROX)
UNEXCAVATED
BRIDGE ABOVE
GALLERY 1088
PAINTING VAULT
STORE ROOM
AV ROOM
SWITCH ROOM
LIFT MACHINE ROOM
SPRINKLER PUMP ROOM
POOL & TRANSFER TANK ABOVE
2400GL SPRINKLER TANK
CAT LADDER
R.C. WALL
EXISTING STEPS
EXISTING RETAINING WALL
EXISTING SLOPE
EXISTING SLOPE
EXISTING STEPS
CANOPY ABOVE
UNEXCAVATED
SECURITY CONTROL PANEL FOR GALLERY BY OTHERS
ALL CONDUITS SHALL BE TERMINATED AT JUNCTION BOXES BEFORE THE TERMINAL CONTROL PANEL
MANUAL ALARM PUSH BUTTON (1.35m AFFL) CONNECTED TO ALARM BELL AT ROOM 306
VOLUME CATHODE
LIFT LOBBY
PD
MS CAT LADDER
STAIR No.1
STAIR No.2
LIFT No.1
LIFT No.2
LIFT No.3
STORE ROOM
3.00
1.50
2.195
2.300
1.300
1.350
2.800
1.500
1.000
1.200
1.100
1.350
1.400
1.600
1.700
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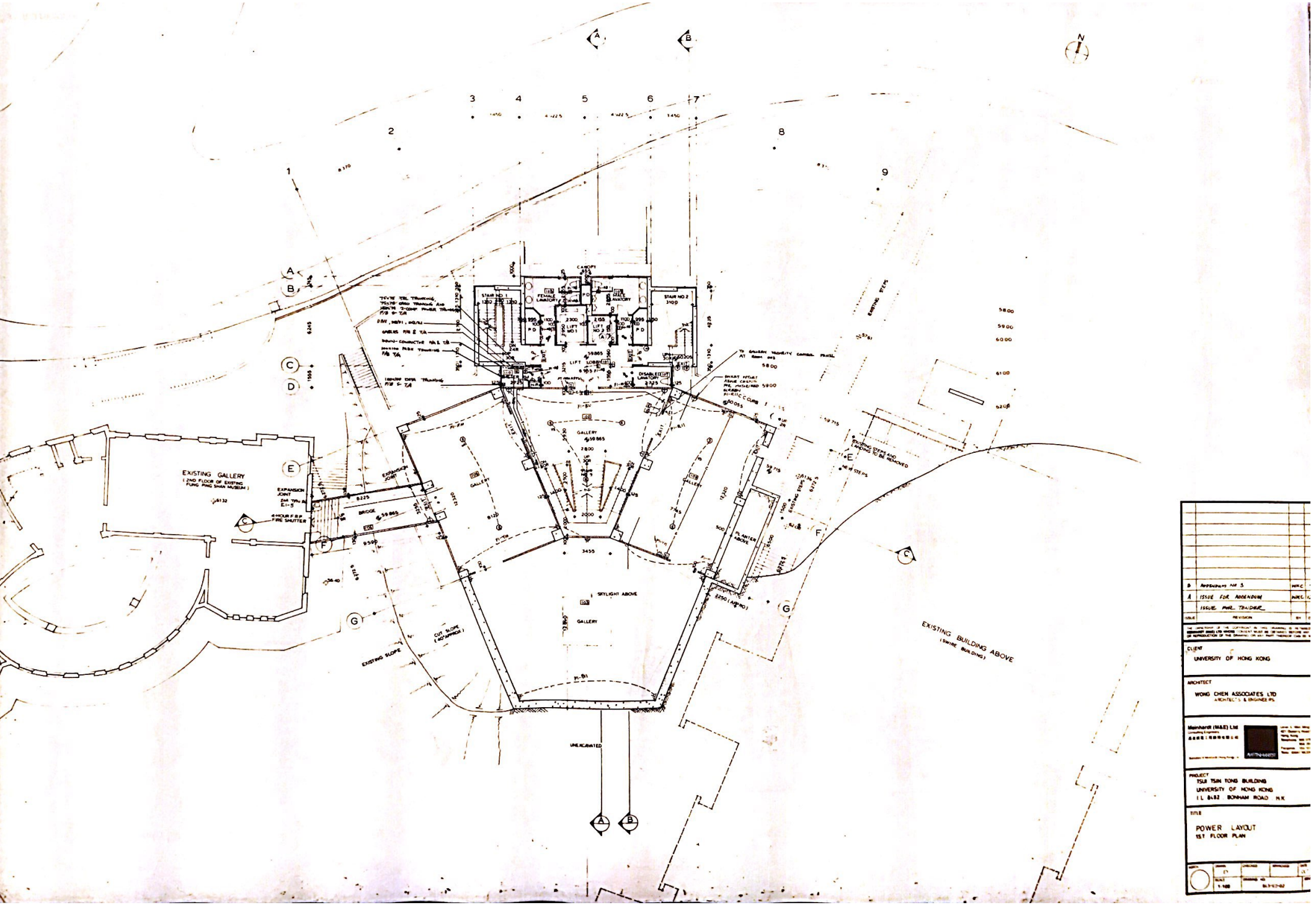
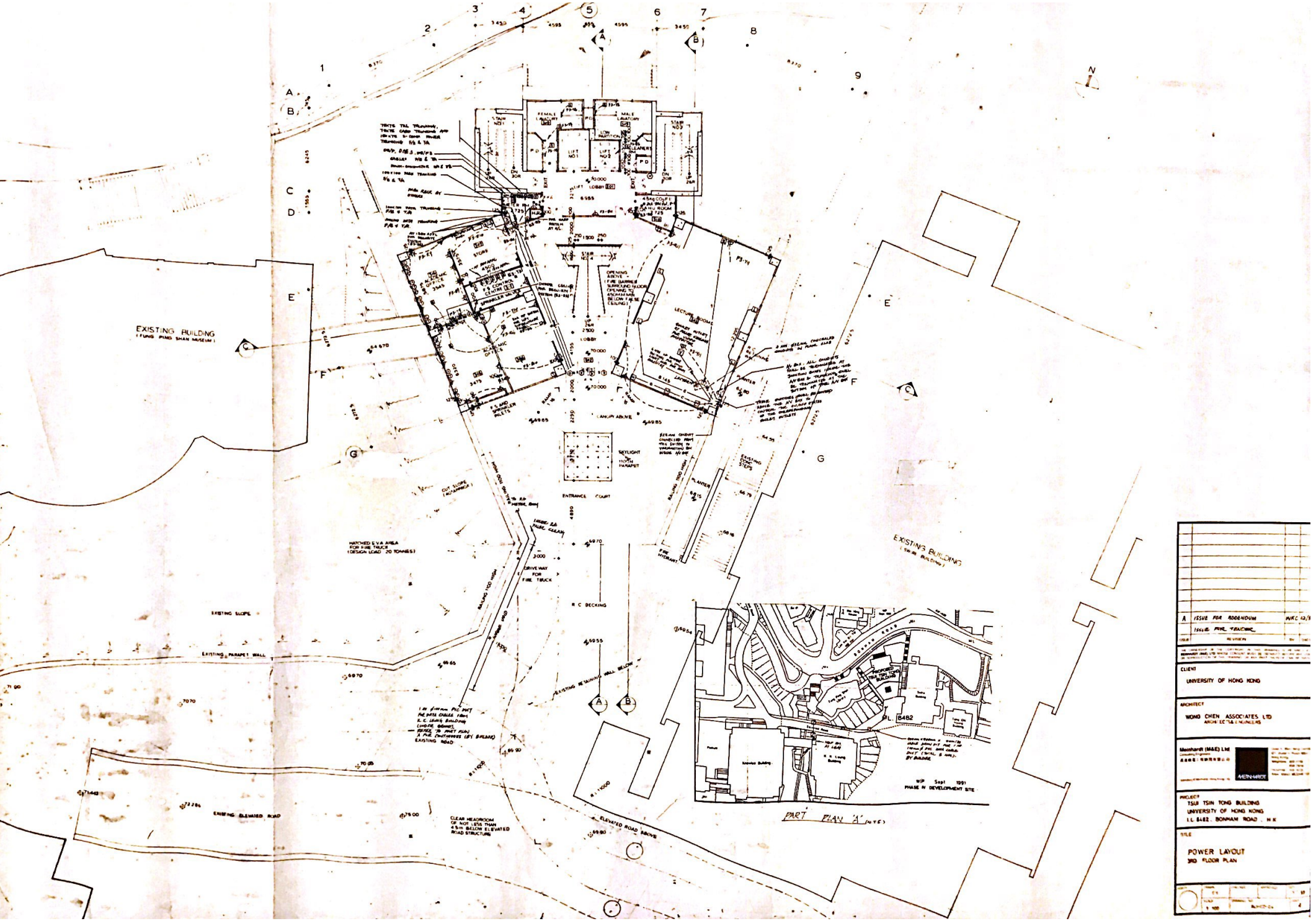
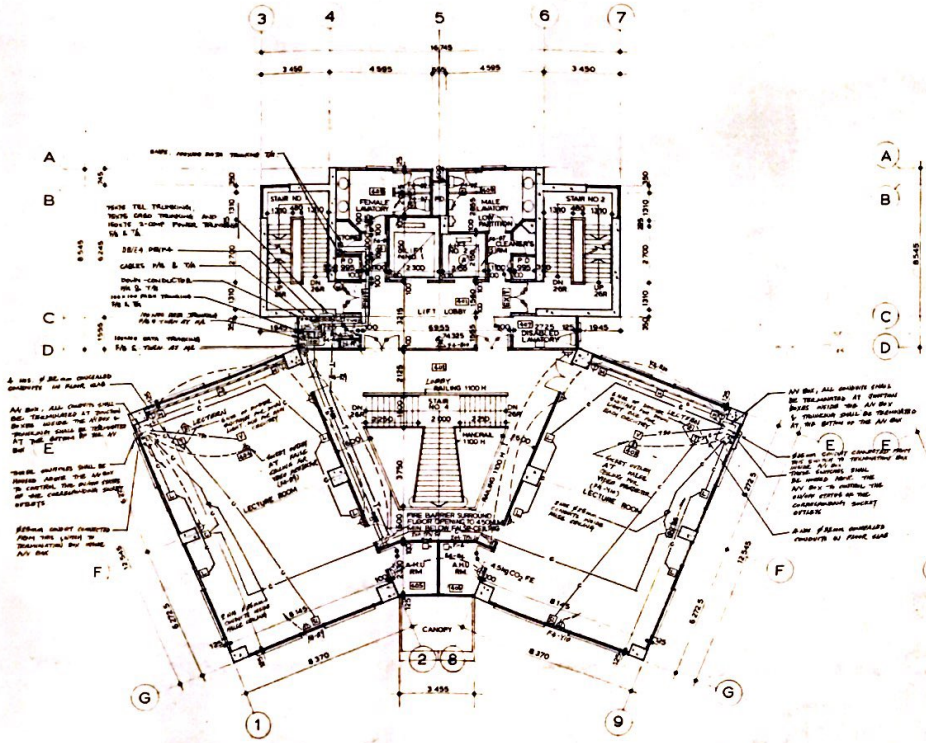
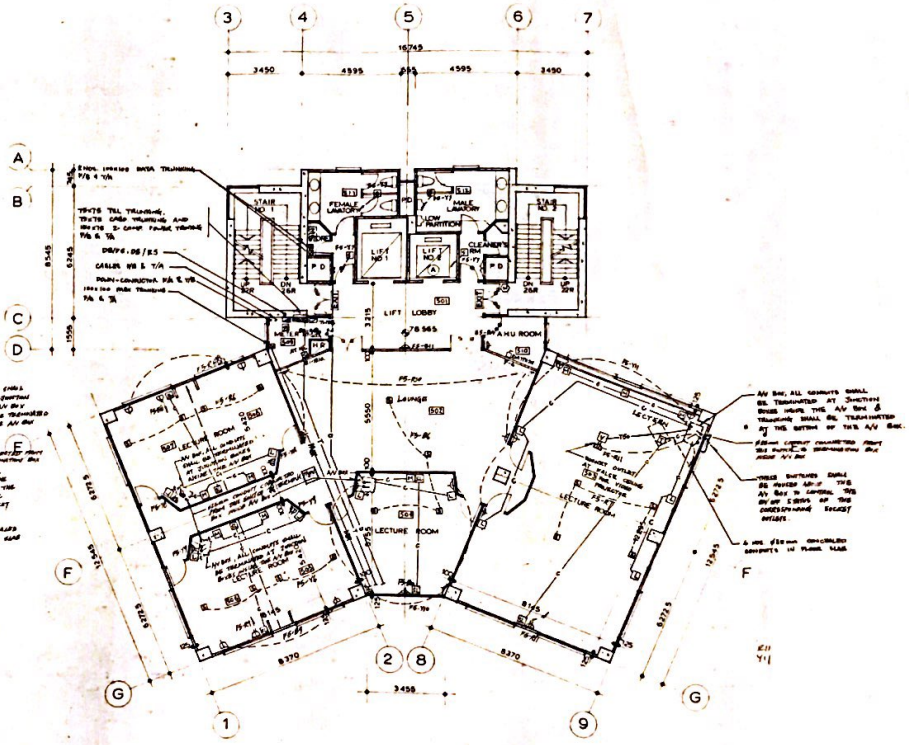






4TH FLOOR PLAN



5TH FLOOR PLAN

(DETAILED DIMENSIONS OF BUILDING CORE ARE THE SAME AS THOSE SHOWN ON FOURTH FLOOR PLAN)

A	ISSUE FOR ADDENDUM		
	ISSUE FOR TENDER		
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WONG CHEN ASSOCIATES LTD
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Meinhardt (M&E) Ltd

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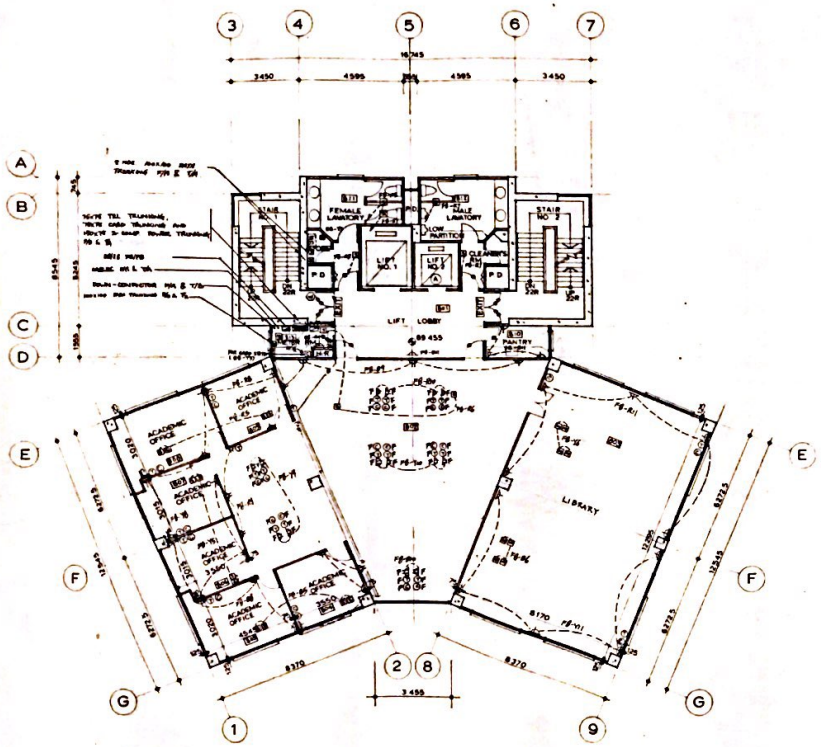
UNIVERSITY OF HONG KONG
I.L. 8482, BONHAM ROAD N.K.

TITLE
POWER LAYOUT
4TH AND 5TH FLOOR PLAN

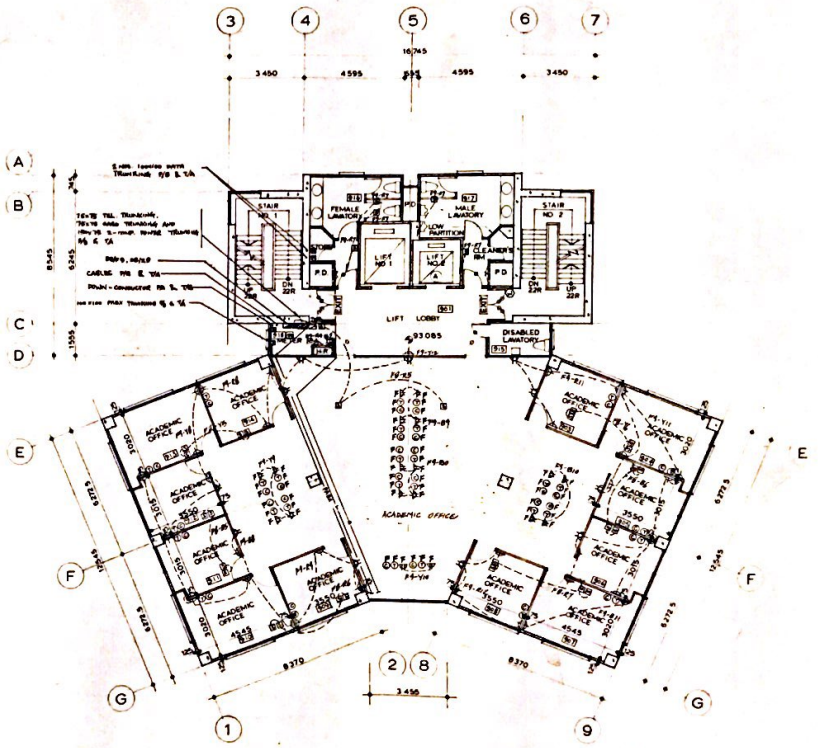


8TH FLOOR PLAN

WINDOW AREA DEFICIENCY CALCULATIONS

USABLE FLOOR AREA = 121 m²
WINDOW AREA REQ'D = 12.1 m²
WINDOW AREA PROV'D = 3.1 m²
DEFICIENCY = 74%

OPENABLE AREA REQ'D = 7.6 m²
OPENABLE AREA PROV'D = 3.1 m²
DEFICIENCY = 59%



9TH FLOOR PLAN

WINDOW AREA DEFICIENCY CALCULATIONS

USABLE FLOOR AREA = 150 m²
WINDOW AREA REQ'D = 15 m²
WINDOW AREA PROV'D = 3.1 m²
DEFICIENCY = 79%

OPENABLE AREA REQ'D = 9.4 m²
OPENABLE AREA PROV'D = 3.1 m²
DEFICIENCY = 67%

A	ISSUE FOR ADDENDUM	AWC	
	ISSUE FOR TENDER		
ISSUE	REVISION	BY	CHK

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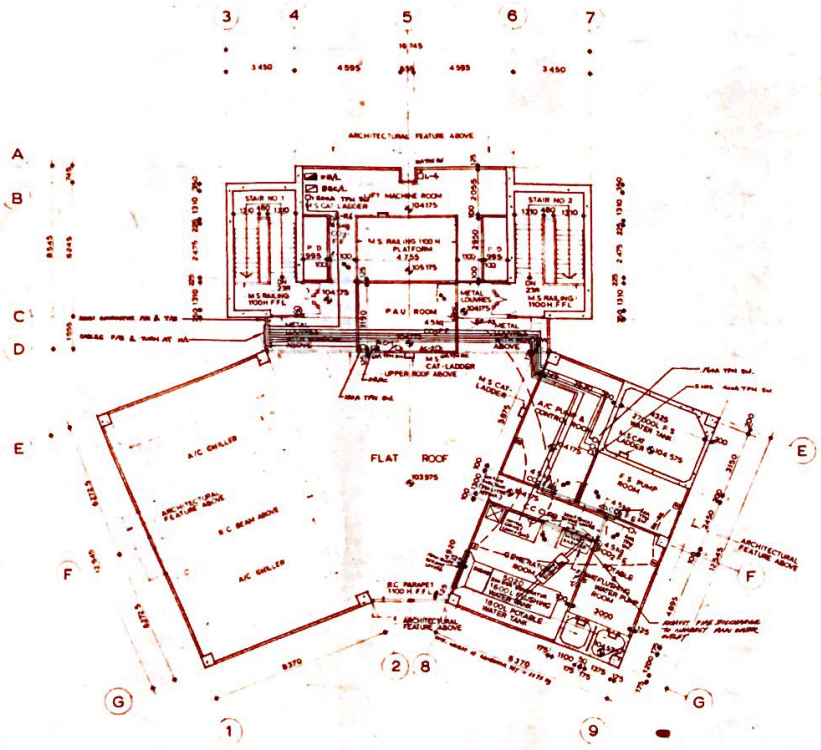
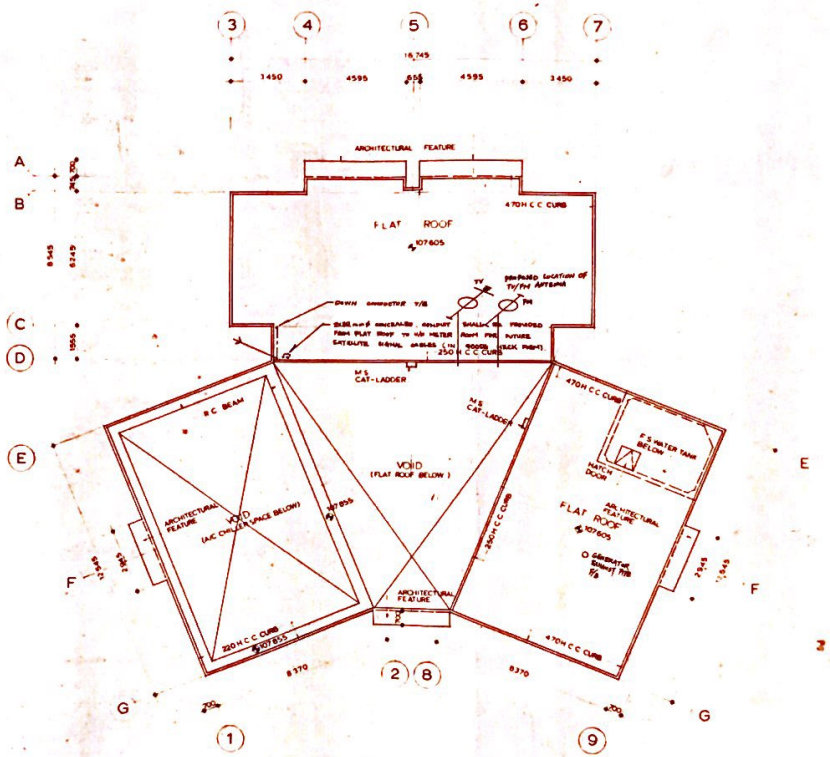
UNIVERSITY OF HONG KONG
LL 6&8, BONHAM ROAD, H.K.

TITLE
POWER LAYOUT
8TH AND 9TH FLOOR PLAN



ROOF PLAN



UPPER ROOF PLAN

A ISSUE FOR ADDENDUM
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ISSUE REVISION BY DATE

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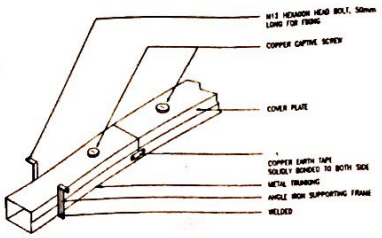
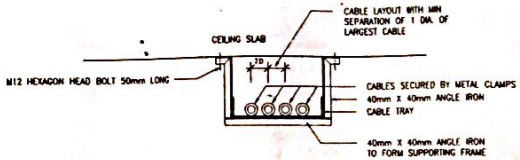
UNIVERSITY OF HONG KONG
(L.L. 8&2, BONHAM ROAD, H.K.

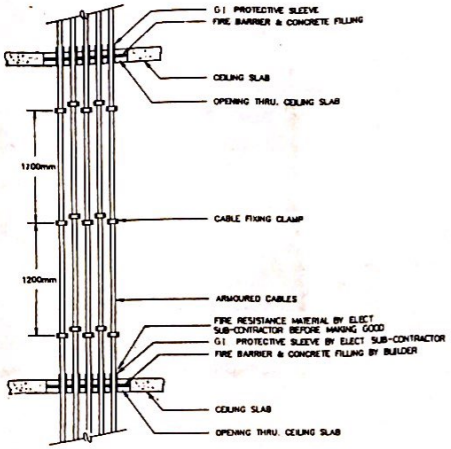
TITLE
POWER LAYOUT
ROOF AND UPPER ROOF PLAN



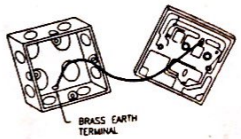
DETAIL OF METAL TRUNKING
(SCALE NTS)



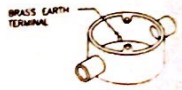
FRONT ELEVATION



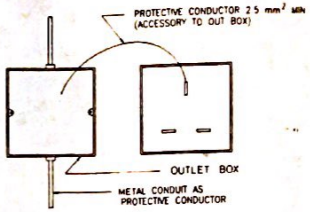
ARMOURED CABLE MOUNTED VERTICALLY ON WALL



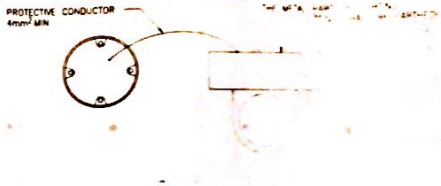
PROVISION OF EARTH TERMINALS IN B.S. 4662 BOX



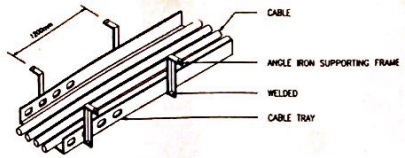
PROVISION OF EARTH TERMINALS IN B.S. 4568 BOX



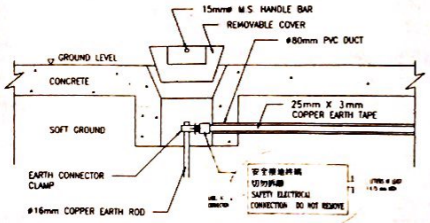
METHOD OF EARTHING FOR SOCKET OUTLET



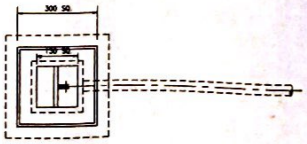
METHOD OF EARTHING FOR LIGHTING FITTING WITH METAL FRAMING



ISOMETRIC VIEW

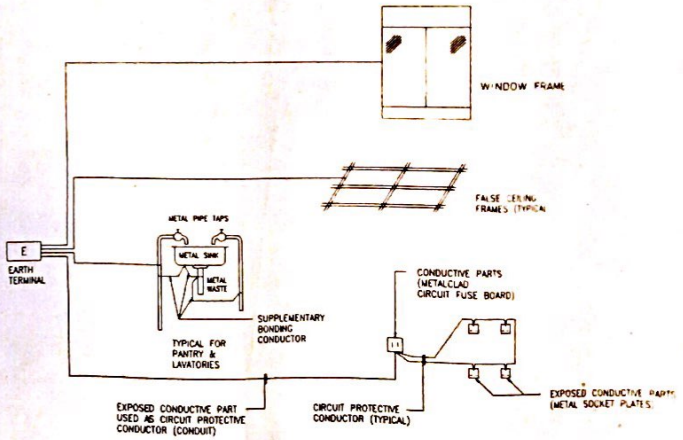


SECTIONAL ELEVATION



PLAN

DETAIL OF EARTH PIT



EARTHING SYSTEM SCHEMATIC

CABLE LAID DIRECTLY ON TRAY

GENERAL NOTES

1. MINIMUM SIZE OF CABLE FOR POWER SHALL BE 2.5mm² AND FOR CONTROL SHALL BE 1.5mm² UNLESS OTHERWISE SPECIFIED
2. SPACING OF CABLE ON CABLE TRAY SHALL BE 2 TIMES THE OVERALL DIAMETER OF AN INDIVIDUAL CABLE UP TO A MAXIMUM OF 80mm APART EXCEPT OTHERWISE INDICATED ON THE DRAWINGS
3. THE COLOUR OF CABLE CORE SHEATH SHALL COMPLY WITH EITHER I.E.E. WIRING REGULATION OR I.E.C. CODE
4. ALL CABLE SHALL HAVE SUFFICIENT RATING FOR THEIR DUTY AND THE FOLLOWING FACTORS MUST BE TAKEN INTO ACCOUNT WHEN DETERMINE THE RATING
   A) GROUP FACTOR
   B) VOLTAGE DROP
   C) AMBIENT TEMPERATURE
   D) CURRENT RATING
5. BOURNS OF CABLES SHALL BE ARRANGED TO SUIT SITE CONDITIONS
6. UNLESS OTHERWISE SPECIFIED, ALL CABLES SHALL BE EITHER MULTI-CORE ARMOURED ON TRAY OR PVC COPPER CABLE ENCLOSED IN CONDUIT/TRUNKING
7. CABLE SIZE FOR ALL SUB-MAIN AND FINAL CIRCUITS SHALL BE IN ACCORDANCE WITH THE SUBMAIN AND FINAL CIRCUITS CABLE SCHEDULE UNLESS OTHERWISE SPECIFIED
8. EACH CABLE TRAY SHALL BE PROVIDED WITH 1 NO. 25mm X 3mm Cu EARTH TAPE FOR EARTH CONTINUITY
9. THE BRACKETS, METAL COVER AND ACCESSORIES FOR OUTDOOR CABLE TRAY SHALL BE HOT-DIPPED GALVANIZED

NOTES:

1. THE MAIN EARTH BAR SHALL BE PROVIDED BY THE ELECTRICAL SUB-CONTRACTOR WITHIN THE MAIN SWITCH BOARD
2. ALL METAL WORKS SHALL BE BONDED TO THE MAIN EARTH BAR ACCORDING TO IEE REGULATION FOR ELECTRICAL INSTALLATION (LATEST EDITION).
3. THE SIZE OF PROTECTIVE CONDUCTOR SHALL COMPLY WITH IEE REGULATION FOR ELECTRICAL INSTALLATION (LATEST EDITION).
4. THE MIN. SIZE OF PVC SHEATHED Cu CONDUCTOR SHALL BE 6 mm²
5. ALL PROTECTIVE CONDUCTORS INCLUDING EQUIPOTENTIAL CONDUCTORS AND SUPPLEMENTARY BONDING CONDUCTORS AS REQUIRED BY POWER SUPPLY UTILITIES (CHINA LIGHT & POWER) AND LATEST EDITION OF IEE REGULATIONS FOR ELECTRICAL INSTALLATIONS SHALL BE PROVIDED BY THE SUB-CONDUCTOR EVEN IF THESE CONDUCTORS ARE NOT SHOWN IN THE TENDER DRAWING

ISSUE FOR TENDER

ISSUE | REVISION | BY | CH

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Consulting Engineers

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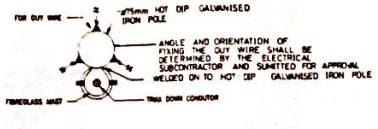
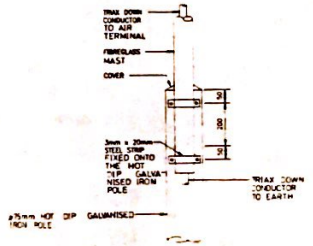
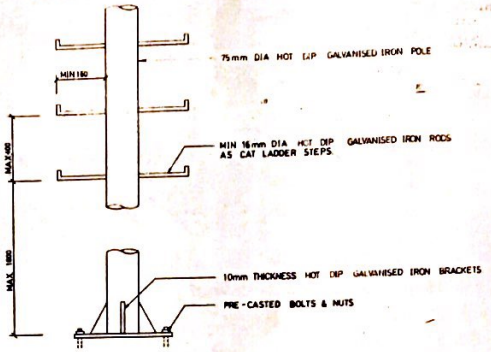
UNIVERSITY OF HONG KONG
I.L. 8482, BONHAM ROAD, H.K.

TITLE
DETAILS - SHEET 1

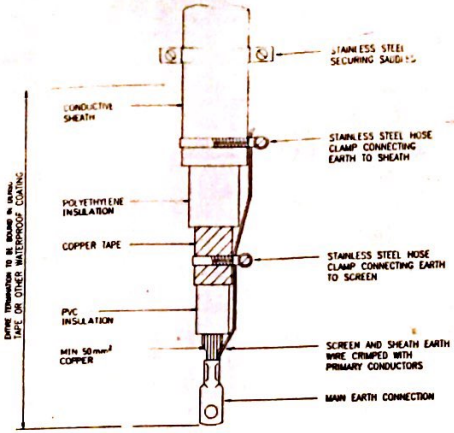


PLAN

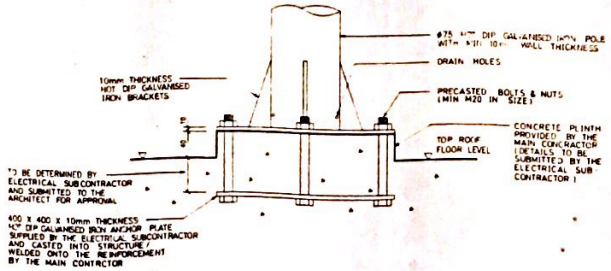




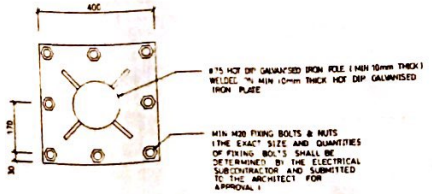
CAT LADDER DETAIL



TRIAX LOWER TERMINATION TO EARTH ELECTRODE



SECTIONAL DETAIL OF ANCHOR BASE



STEEL BASE DETAIL

ISSUE FOR TENDER

ISSUE	REVISION	BY	DATE

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WONG CHEN ASSOCIATES LTD
ARCHITECTS & ENGINEERS

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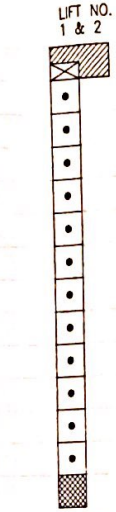
TSUI TSIN TONG BUILDING
UNIVERSITY OF HONG KONG
LL 8482, BONHAM ROAD, H.K.

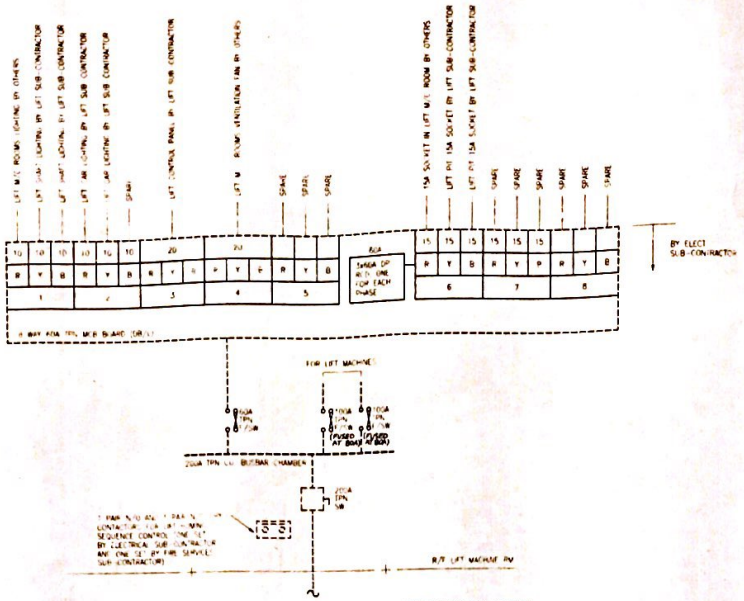
TITLE
DETAILS - SHEET 2

BY	DATE
	OCT 98

SCALE: NTS
DRAWING NO: 863-E3-02



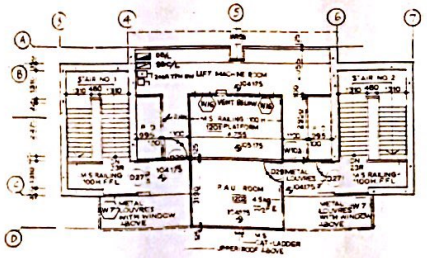
LIFT SCHEMATIC



ELECTRICAL POWER SUPPLY SCHEMATIC FOR LIFT INSTALLATION

LEGEND

NOTES



LIFT MACHINE ROOM AT ROOF

LIFT SCHEDULE

LIFT NO	LIFT TYPE	FLOOR SERVED	CAPACITY (KG/ PERSONS)	SPEED (m/s)	POWER SYSTEM	CONTROL SYSTEM	SHAFT DIMENSION (mm)	CAR INTERNAL DIMENSION (mm)	CAR INTERNAL HEIGHT (mm)	HEADROOM UNDER FALSE CEILING(mm)	DOOR TYPE	DOOR SIZE (mm)	OVERRUN (mm)	PIT DEPTH (mm)	PROVISION FOR DISABLED PERSONS	FIREMAN'S SWITCH	FULL LOAD BY PASS	ANTINUISANCE
1					A.C.V.V.V.F.	DUPLEX COLLECTIVE	2,500W x 2,950D	SEE REMARK	2610	APPROX	2 SPEEDS CENTRE OPENING	1000 W x 2215 (H)	4680	1800	NOT REQUIRED	NOT REQUIRED	REQUIRED	REQUIRED
2					A.C.V.V.V.F.		2,500W x 2,950D	1600W x 2450D	2610	APPROX	2 SPEEDS CENTRE OPENING	1000W x 2215 (H)	4680	1800	REQUIRED	REQUIRED AT G/F AND 30/F	REQUIRED	REQUIRED

FRONT ELEVATION OF MESH PANEL

SIDE VIEW

TYPICAL DETAILS OF PROTECTIVE MESH (BY LIFT SUBCONTRACTOR) FOR RECESS OF LIFTWAYS

0 ISSUE FOR TENDER WHC 3/96

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LIFT PERFORMANCE
SCHEDULE AND DETAILS