

FILE

COVENTRY CITY COUNCIL



ENVIRONMENTAL PROTECTION ACT 1990, SECTIONS 8(8), 12

NOTICE OF REVOCATION

87

To: Mr Mike Lewis
GPT Public Networks Group
New Horizon Park
Cromwell Street
Coventry
CV6 5FH

Coventry City Council ("the Council"), in exercise of the powers conferred on it by section 8(8), 12 of the Environmental Protection Act ("the Act"), hereby gives you notice as follows:

- 1. The authorisation reference 087 is hereby revoked with effect from 1st October 1997.

Signed on behalf of Coventry City Council

[Handwritten signature]

City Environment Officer
The officer appointed for that purpose

Date: xxx 19th September 1997

n19091jrd

CERTIFICATE OF SERVICE BY HAND
I, Jonathan R. Dempsey, being employed as an Environmental Health Officer of GPT Cromwell Street on 19th September 1997, hereby certify that the notice of which this is a true copy was posted/delivered by me to Mike Lewis, Coventry.

Yo. lference :
Our Reference :
Please ask for :
Direct Dialling No :
Date :



HOUSING AND ENVIRONMENTAL
SERVICES DIRECTORATE
Director Howard T. Farrand
Providing Housing, Environmental and
Client Agency Services
Michael J. Green
City Environment Officer
Broadgate House
Broadgate
Coventry, CV1 1NH
Telephone : 01203 85 1852/34
Telecom Gold Mailbox : 76 : END042
Fax : 01203 85 1851

THE ENVIRONMENTAL PROTECTION ACT 1990

**The Environmental Protection (Prescribed Processes and Substances) Regulations
1991, SI 472.**

**The Environmental Protection (Application, Appeals and Registers) Regulations
1991, SI 507.**

**Authorisation No: 087
Application Received: 10th January 1996**

Notice is hereby given that under the Environmental Protection Act 1990 Coventry City
Council (hereafter called the Authority) gives authorisation to:

**GPT Limited
New Century Park
P O Box 53
Coventry
CV3 1HJ**

Register in England No: 703317

For the cleaning of stencils utilising organic solvents as part of the screen printing of
printed circuit boards as described on Page 2 at:

**GPT Limited
New Horizon Park
Cromwell Street
Coventry
CV6 5FH**

Subject to the conditions specified on the attached pages, nos 2 to 4, and within the
process boundaries as indicated on Plan Number 1.

Signed 
City Environment Officer

Dated 17 day of JULY 1996.

1. DESCRIPTION OF PROCESS

- 1.1 This authorisation is for the coating of printed circuit board components using a screen printing mechanism and subsequent cleaning of stencils using organic solvents as prescribed in Section 6.5 of the Environmental Protection (Prescribed Processes and Substances) Regulations 1991, (as amended) within the area outlined in red on the attached Plan numbered 1.
- 1.2 Any change to the process must not take place without the prior written authorisation of the Authority.

2. EMISSION LIMITS AND CONTROLS

- 2.1 Emissions to air from the degreasing tank shall be free from persistent fume.
- 2.2 There shall be no offensive odour from the process outside the premises boundary, as perceived by the Local Authority Inspector.
- 2.3 By the 1st April 1998, the maximum concentration of organic solvent emitted to atmosphere from the degreasing operation shall not exceed 50mg/m³.
- 2.4 The solvent degreasing tank shall be covered when not in use.
- 2.5 The degreasing tank shall be fitted with cooling elements which shall be maintained in good working order.
- 2.6 Emissions of solvent vapour to air shall be extracted by lip extraction and discharged to atmosphere via a stack which shall discharge at roof ridge height.

3. GENERAL OPERATIONS

- 3.1 The operation of cooling coils on the degreasing tank shall be checked on a daily basis for effective operation. Any defect shall be remedied as soon as practicable.
- 3.2 A detailed inventory of solvent usage for the process shall be kept. This should include the amount of replacement solvent added to the degreasing tank and the volume of liquid solvent removed for disposal. A copy of the inventory should be forwarded to the Authority every six months.
- 3.3 Any unusual occurrence which gives rise to abnormally high release of solvent to the atmosphere shall be recorded in a process log book, which shall be retained on site for a period of no less than four years.

4. UPGRADING

- 4.1 By 1st April 1997, a statement from the company shall be submitted detailing what measures the company will be taking to ensure the requirement of the Secretary of State's guidance in PG 6/23 'Coating of Metal and Plastic' and in particular the requirement of Clause 2.3 of this Authorisation are complied with.

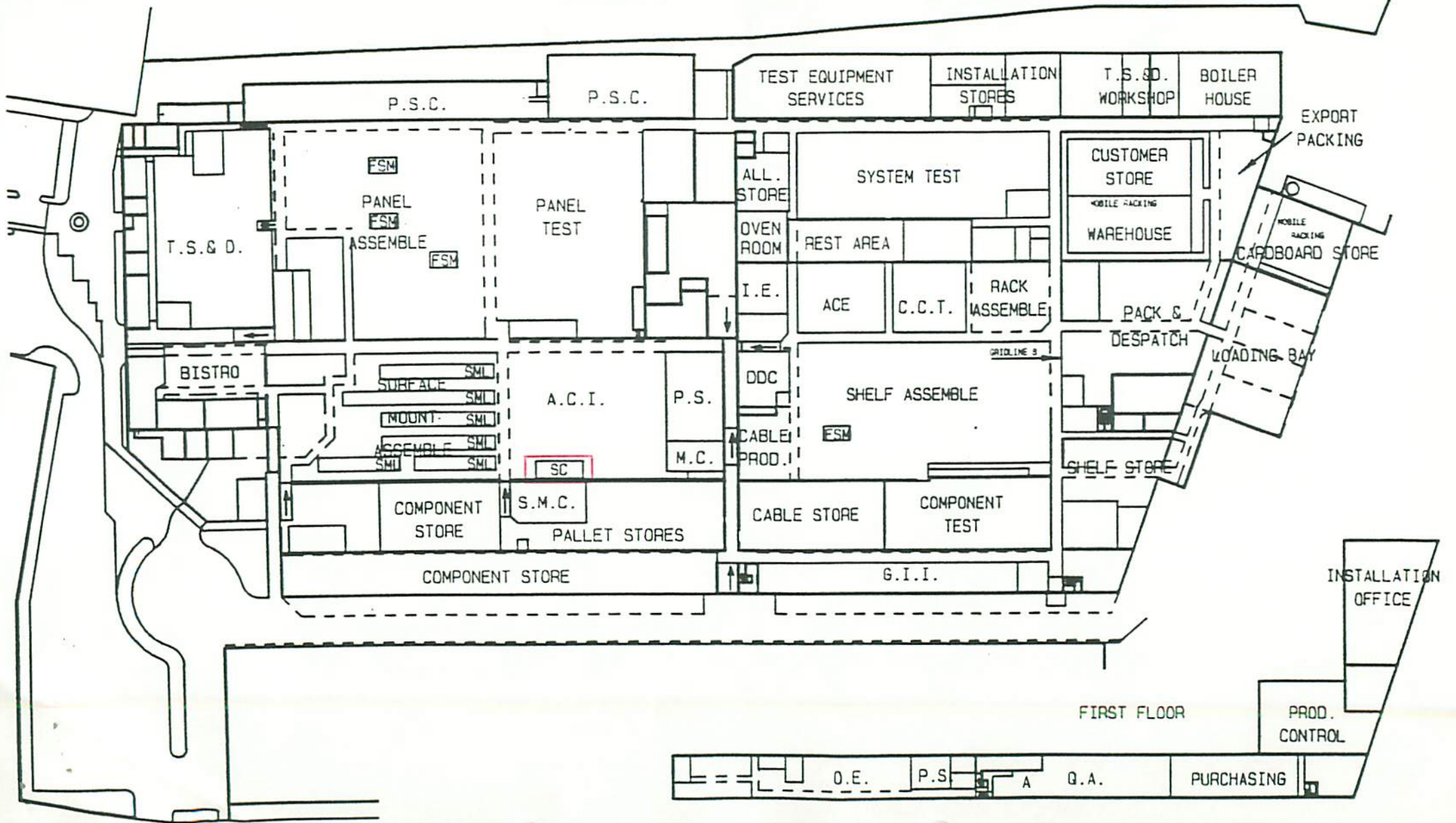
SUPPLEMENTARY NOTES

THESE NOTES ARE NOT PART OF THE AUTHORISATION

1. Your attention is drawn to your obligation under Section 7(2) of the Environmental Protection Act 1990 to ensure that the best available techniques, not entailing excessive cost (BATNEEC) for:
 - A) preventing the release of prescribed substances into the air or where that is not practicable by such means, for reducing the release into the air of such substances to the minimum and for rendering harmless any such substances that are so released
 - and
 - B) for rendering harmless any other substances which might cause harm if released into the air.
2. The authority for contact purposes should be taken to mean the head of the Environmental Protection Department, Tel 831834 during office hours, 832222 outside office hours.

NEW HORIZON PARK SPACE PLAN

(FLOWSOLDERING MACHINES ETC SHOWN)





PUBLIC NETWORKS GROUP

New Horizon Park, Cromwell Street, Coventry, England CV6 5FH
Tel: (01203) 562000 Fax: (01203) 566467 Int Tel: +44 1203 562000 Tx: 31361



Mr David Packard
City of Coventry
Housing and Environmental Directorate
Broadgate House
Coventry
CV1 1NH

4 January 1996

Ref: Application of New Horizon Park for authorisation under section 6 of the Environmental Protection Act 1990.

Dear Mr Packard

Please find enclosed the necessary documentation to support our application for registration under Prescribed Processes and Substances Regulations 1991, in association with our Screen Printing of P.C.B.'s and subsequent cleaning of stencils.

May I also take this opportunity to thank you for your assistance on the 5 of December.

Your sincerely

P M Harris

**APPLICATION FOR AUTHORISATION UNDER
SECTION 6 OF THE ENVIRONMENTAL PROTECTION ACT 1990**

1. **Either** Name and address of applicant*
C.P.T. LTD
NEW HORIZON PARK, CROMWELL STREET,
COVENTRY, CV6 5FH

Or Name, number and registered office of applicant company* (if applicable)

* the person/company who will operate the process, not for example the person/consultant who is writing the application on the operator's behalf.

2. Name and address of premises where process is or will be carried on (not applicable to mobile processes).

C.P.T. LTD
NEW HORIZON PARK, CROMWELL STREET
COVENTRY, CV6 5FH

3. Address for correspondence if different from 1.

AS 1

4. List of maps or plans enclosed with the application showing the location of the premises where the process is or will be carried on.

ORDNANCE SURVEY MAP
SPACE BLOCK PLAN - NEW HORIZON PARK

Where the process is or will be carried on, only part of the premises whose address is given at 2 above, either describe which part of the premises or list the plan(s) which identifies these parts.

n/a

ENVIRONMENTAL PROTECTION ACT 1990, PART I LOCAL AUTHORITY AIR POLLUTION CONTROL SYSTEM



Introduction

Part I of the Environmental Protection Act 1990 enacts proposals for enhanced industrial air pollution control that were set out in a series of consultation papers. The first, issued in December 1986, reviewed the air pollution control system generally and in particular the need to implement EC Directive 84/360 on air pollution from industrial plant, the so-called Air Framework Directive. Papers issued in 1988 and 1989 proposed integrated pollution control, a new charging scheme and access to information.

Part I of the Act established two separate pollution control regimes: Integrated Pollution Control (IPC) and local authority air pollution control. IPC is to be operated by HM Inspectorate of Pollution (HMIP) in England and Wales and HM Industrial Pollution Inspectorate (HMIP) in Scotland. The IPC regime is the subject of a separate Guidance Note - "Integrated Pollution Control, A Practical Guide" - published by the Department of the Environment and the Welsh Office on 28th February 1991 and available from the Department of the Environment free of charge (telephone: 0171 276 8747 for copies).

Part I came into force in England and Wales on 1st April 1991.

The powers given to local authorities (District and Borough Councils and Port Health Authorities) under Part I of the Act supersede their powers under the Clean Air Acts and their statutory nuisance powers under Part III of the Environmental Protection Act in relation to prescribed processes.

Main Features of Local Authority Air Pollution Control System

The main features of the local authority air pollution control system are as follows:

- Prescribed processes designated for local control must not be operated without an authorisation from the local authority in whose area they are located. Mobile plant must be authorised by the local authority in whose area the operator has his principal place of business.
- Operators of prescribed processes must submit a detailed application for authorisation to the local authority.
- Local authorities are statutorily obliged to include conditions in any authorisations they issue which are designed to ensure that the process is operated using the Best Available Techniques Not Entailing Excessive Cost (BATNEEC) to prevent and minimise emissions of prescribed substances and to render harmless any substances that may be emitted. Conditions must also secure compliance with the other objectives specified in Section 7(2) of the Act.
- In addition to any specific conditions included in an authorisation, all authorisations implicitly impose a duty on the operator to use BATNEEC in relation to any aspect of the process that is not covered by the specific conditions. This is the so-called 'residual' BATNEEC duty.
- Secretary of State Process Guidance Notes (PGs) have been produced, the main categories of process under local authority control. These Notes contain the Secretary of State's views on the techniques appropriate in order to achieve the BATNEEC objectives as well as information in relation to any of the other objectives in Section 7(2) of the Act.
- Operators can appeal against refusal of an application, against the conditions included in the authorisation and against the various forms of Notice that may be served by a local authority. Appeals will not put Notices into abeyance, except in the case of Revocation Notices.
- Local authorities can issue Enforcement, Variation, Prohibition and Revocation Notices to ensure that appropriate standards of control are met and raise in line with new techniques and new awareness of environmental risk. Prohibition Notices are a mechanism for stopping a process if there is an imminent risk of serious pollution of the environment.
- All applications for authorisation (except in relation to small waste oil burners and mobile plant) must be advertised locally and full details (except information that is commercially confidential or would prejudice national security) must be made available so that the public can comment before the process is authorised to start operation or to undergo a substantial change. Under the transitional arrangements, there are also advertising and consultation requirements in relation to applications for existing processes.
- Public registers must be set up by each local authority giving details of all IPC and local authority air pollution control processes in its area. These must include specified particulars of applications, authorisations, notices, directions issued by the Secretary of State, appeal decisions, monitoring data, etc. Informal is to be kept from the register only on grounds of national security or commercial confidentiality.

ENVIRONMENTAL PROTECTION ACT 1990

AUTHORISATION OF SCHEDULE 1, PART B PROCESSES

ADDITIONAL ADVICE ON THE CONTENT OF APPLICATIONS

1. Details about the Operator and the Location of the Process

- i) Name and address of person/company seeking authorisation (registered office).
- ii) Address of premises where the process will be carried on.
- iii) A map of a scale - 1/12500 (approx) showing the location of the premises where the process will be carried out.
- iv) A detailed plan of scale - 1/1000 (approx) showing in detail the layout of the prescribed process as further indicated below.
- v) The section which most appropriately describes the applicant's process as stated in Environmental Protection (Prescribed Processes and Substances) Regulations 1994.

2. Description of the Prescribed Process

This must be sufficiently detailed and should describe all stages of the prescribed process. The following points should be included:

- i) A description of all the raw materials used in the process.
- ii) Details on the storage and handling procedures of the raw materials.
- iii) Details on the methods of transportation of materials within the site boundary, manual, pneumatic, etc.
- iv) A description of the physical and operational characteristics of the process. This should indicate the likely source of both fugitive and controlled emissions to atmosphere.
- v) A description of the abatement techniques utilised in the process. This can include both plant characteristics and working procedures.
- vi) The details of all final discharge points, eg, vents, ducts, flues, etc. Those details should be included in the process plan as above.
- vii) The storage and handling of final products and any waste material.
- viii) Details of contingency plans that adequately deal with process malfunctions.

3. Details of Scheduled Emissions from the Prescribed Process

For existing processes, it is not necessary for quantitative analysis and results to be submitted at the initial application stage. Operators will, however, be required to measure their emissions and submit these results with their proposals for upgrading.



CONTINUATION SHEET TO QUESTION 5

ATTACHED DOCUMENTS

- 5 * On Site Dangerous Substance Inventory.
- * Environmental Effects Register.
- * Process Chemicals Sheet.
- * Triklone Data Sheet.
- * Manufacturing Process Input/Output sheet.
- * Stack Height Sheet appertaining to Wave Solder
 Machines.
- * C.O.S.H.H. Data for Triklone.
- * Site Roof Plan.
- * Copy of original cheque dated 3/10/95.

P M Harris



SCREEN CLEANER MACHINE

STACK HEIGHT

The extraction for the Screen Cleaner exists through the roof via one aperture only, and the stack is terminated with a 90° elbow acting as a cowling.

There is only one Screen Cleaner situated in the A.C.I. area and identified on the New Horizon Park space plan as S.C.

The height of the stack from the roof valley is approximately 4 metres and does not exceed the ridge of the roof.

P M Harris

ON SITE

DANGEROUS SUBSTANCES

Chemical usage on New Horizon Park is limited. There are 2 main areas where the storage of chemicals are situated.

1. Flammable stores positioned on the west side of the site adjacent to the waste chemical compound.
2. Material Technology Centre positioned on the north of the site between Customer Repairs and Panel Test.

The waste chemical compound is the only other major area of concern where waste solvents, process adhesives, solder dross and oils are held for up to one month pending their registered disposal.

FLAMMABLE STORES

This is the distribution centre for allocating small amounts of chemicals out to the process lines. The maximum quantity stored within a specific process is approximately 60 (sixty) litres.

SUBSTANCE. UNIT HOLDING CODE MAXIMUM HOLDING

Flux	25 lts	RMM1148	400 lts
Threebond adhesive	100 g	RMM1140	200g
Loctite Takpak	500ml	RMM2856	10,000ml
Castrol Flux	10 lts	RMM1142	400 lts
Castrol Thinners	10 lts	RMM1143	500lts
ISO Propal	25 lts	RMM770	100 lts
Meth	25 lts	RMM306	100 lts
Dipropylene	3 lts	RMM1616	12 lts
Tricklone	25 lts	ER982	400 lts.

**GPT Public Networks Group
Coventry Operations - N.H.P.
Environmental Effects Register**

SUBSTANCE UNIT HOLDING CODE MAXIMUM HOLDING

Dupont Axarel	20 lts	RMM1615	80 lts
Liquid Flux	5 lts	RMM4089	20 lts
Epotex		RMM1612	
Buffing Agent	1 lts	RMM1671	1 lts
Grinding Oil	2 lts	RMM1672	2 lts
Polishing Agent	1 lts	RMM1673	1 lts
Oil	200 ml	RMM1632	1200 ml
Ethyl Methyl Ketone	2.5 lts	RMM3231	10 lts
I.P.A. in Winchester	2.5 lts	RMM1113	10 lts
Tenaxatex Adhesive	5 lts	RMM4092	10 lts
Araldite	20 g	RMM10	100 g
Stirol Plast-o-Solle	5 lts	RMM672	10 lts
Aceton	5 lts	RP196051	5 lts
Methylated Spirits	5 lts	BR504	5 lts
Polyscreen Spricol Ink	5 lts	BC423	10 lts
Loctite Super Glue	20g	EA025	100g
Loctite Takpak	20 ml	EA152	200 ml
Loctite Activator	150 ml	EA164	300 ml
Loctite Adhesive	20 g	EA167	200 g
Loctite Chipbonder	100 ml	EA168	60 ml
Adhesive	20 g	PIC964001	200 g
Aerosol Cleaner	300 ml	HD396	2100 ml
Loctite 416	50 g	RMM2854	1000 g
Solder Spot Mask	5 lts	RMM988	20 lts
Stripcoat	8 oz	RMM985	40 oz
Bostick Clear	20 ml	RMM795	200 ml
Aerosol Sprayduster	20 ml	RMM4088	5000 ml
Freon S.M.T.	400 ml	RMM2819	4000 ml
Arklon	20 lts	RMM809	80 lts

In the case of an emergency appertaining to any chemical spillage, emission incident or material composition information the following person should be contacted:-

Mr G Andrews

6103

01926 59898

Author: P M Harris July 1995
Issue 1

Copyright - Refer to title page

**GPT Public Networks Group
Coventry Operations - N.H.P.
Environmental Effects Register**

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Polyscreen Spricol Ink	5 lts	EC423	10 lts
Loctite Super Glue	20g	EA025	100g
Loctite Takpak	20 ml	EA152	200 ml
Loctite Activator	150 ml	EA164	300 ml
Loctite Adhesive	20 g	EA167	200 g
Loctite Chipbonder	100 ml	EA168	60 ml
Adhesive	20 g	PIC964001	200 g
Aerosol Cleaner	300 ml	HD396	2100 ml
Loctite 416	50 g	RMM2854	1000 g
Solder Spot Mask	5 lts	RMM988	20 lts
Stripcoat	8 oz	RMM985	40 oz
Bostick Clear	20 ml	RMM795	200 ml
Aerosol Sprayduster	20 ml	RMM4088	5000 ml
Freon S.M.T.	400 ml	RMM2819	4000 ml
Arklon	20 lts	RMM809	80 lts

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Freon S.M.T.	400 ml	RMM2819	4000 ml
Arklon	20 lts	RMM809	80 lts

In the case of an emergency appertaining to any chemical spillage, emission incident or material composition information the following person should be contacted:-

Mr G Andrews

6103

01926 59898

Author: P M Harris July 1995

Issue 1

Copyright - Refer to title page

EH/EP/DP
D Packard
01203 831856
22 December 1995

P M Harris
GPT
New Horizon Park off Cromwell Street
P O Box 53
COVENTRY
CV6 5FH

Dear Mr Harris

**Environmental Protection Act 1990
Prescribed Processes and Substances Regulations 1991**

I refer to the meeting held at New Horizon Park on 5th December 1995, between Dr P Tyson, Group Environmental Advisor, yourself, myself and others where we discussed the application of the Prescribed Processes and Substances Regulations to activities carried on at the premises.

Consideration was given to whether the Wave Solder process was a prescribed process. Following discussion with the head chemist it was agreed that the wave solder operation did **not** constitute a coating process as no permanent residue or coating remained on the board following treatment. The process prior to the application of lead solder, although using over 5 tonnes organic solvents per annum was considered to be a surface treatment operation and therefore not prescribed for control under local authority air pollution control. I understand Her Majesty's Inspectorate of Pollution do not consider that the lead process requires authorisation under the IPC regime on the grounds of triviality.

During the visit attention was drawn to the screen printing of boards and the subsequent cleaning of stencils.

It was agreed that as the solder paste was applied to the surface of the boards and that a permanent residue remained and also that more than five tonnes of organic solvent (trichlorethylene) was utilised per year in associated cleaning, this activity constituted a prescribed process under Section 6.5 of the above regulations.

As discussed an application for authorisation should be submitted as soon as practicable and preferably within the next four weeks. The process will be treated as an existing process such that time for the upgrading of the process to meet the requirements standards as specified in PG6/23 will be given. However compliance with PG6/23 (as amended) must be attained by the date specific therein.

Please find enclosed an application form as requested.

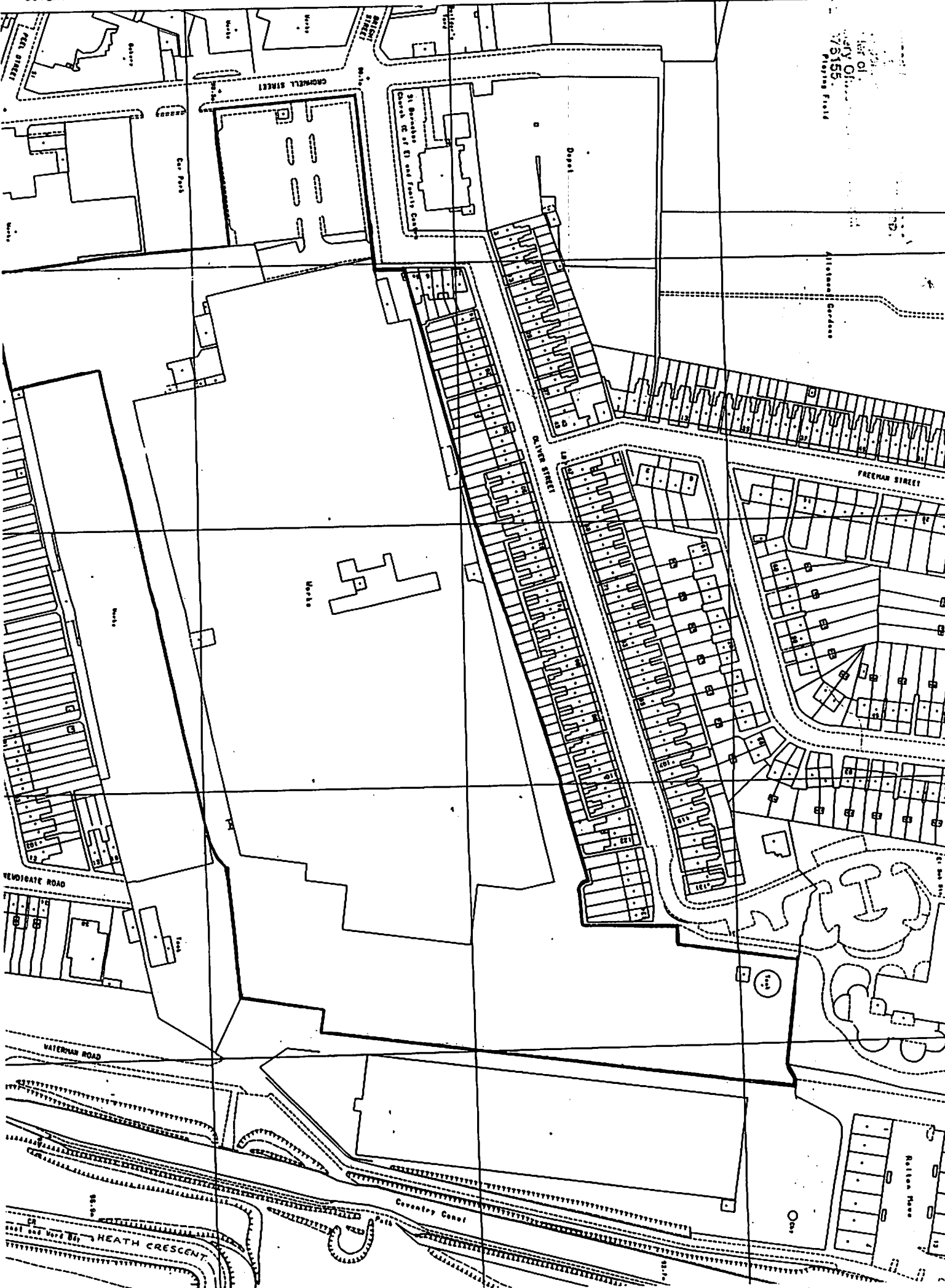
Should you wish to discuss the matter further at this time please do not hesitate to contact me.

Yours faithfully

David Packard
Principal Environmental Health Officer

w/em2012dp

City Office
76155
Planning Dept



Alitwood Gardens

FREMAN STREET

WENDGATE ROAD

WATERMAN ROAD

HEATH CRESCENT

Coventry Canal

Railton Place

Car Park

Depot

St Boniface Church of St and Family Club

Works

Works

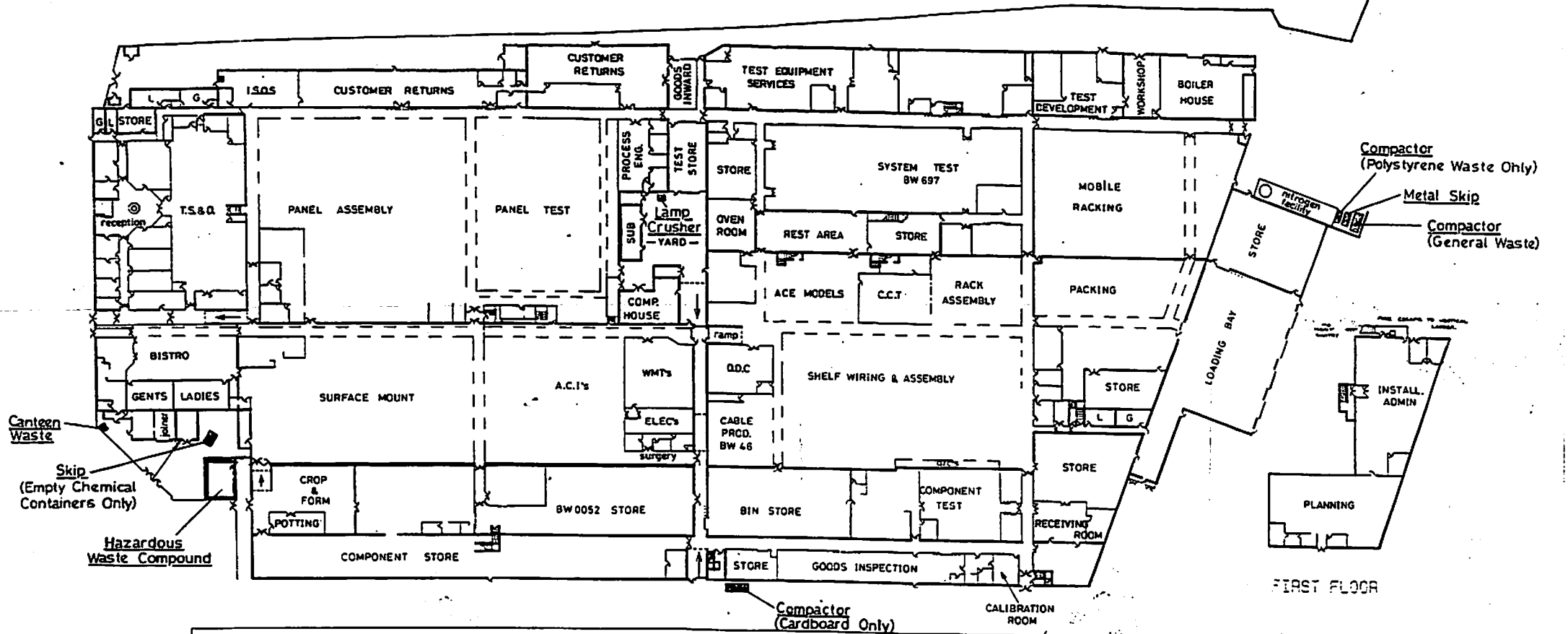
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114

WASTE DISPOSAL POINTS - NHP



FIRST FLOOR
(ABOVE REST AREA)

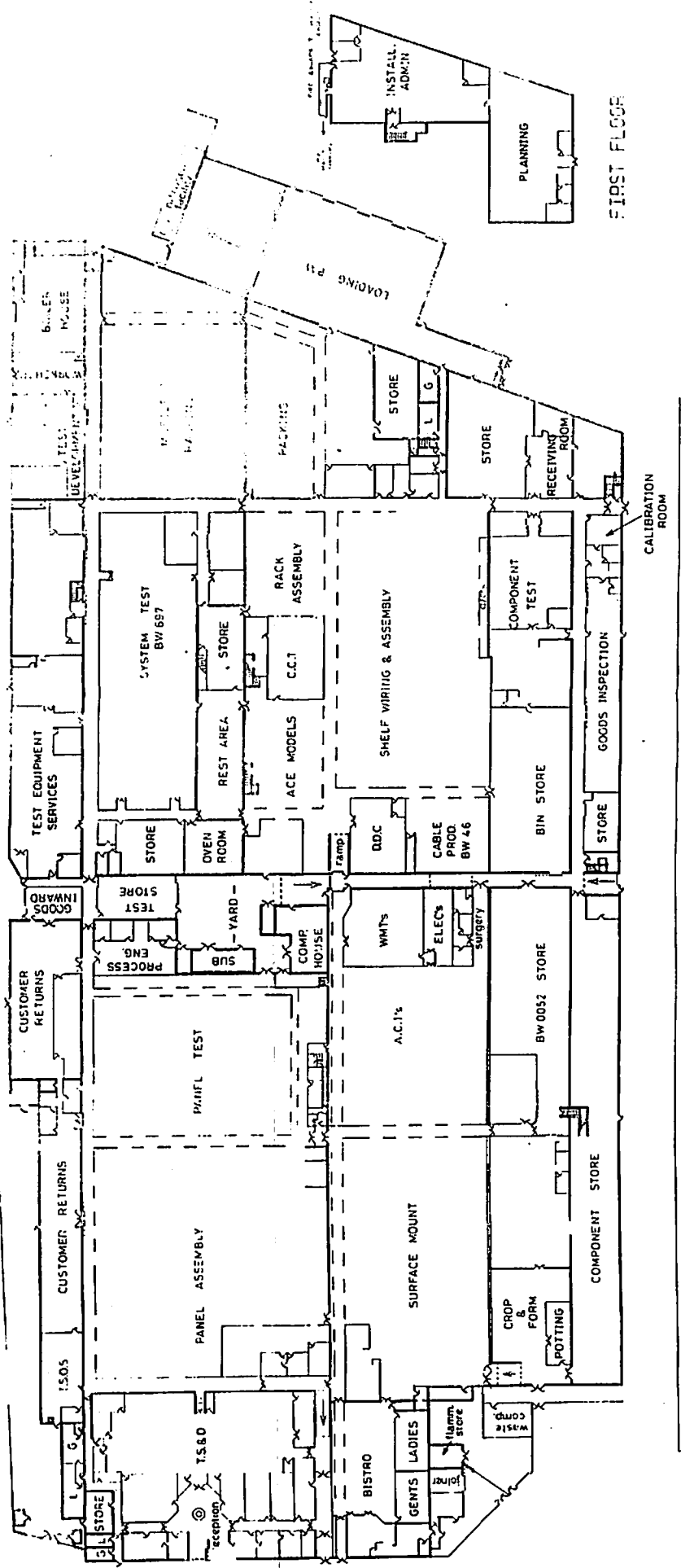
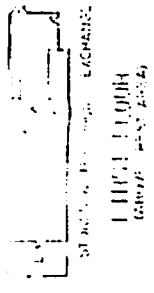


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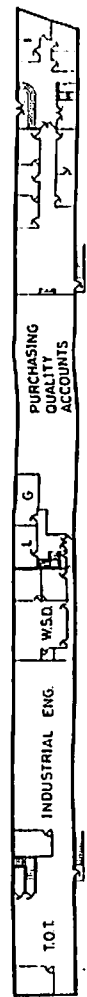
FIRST FLOOR

REVISED M.I.L.
DATE: 03-07-95

DO NOT SCALE



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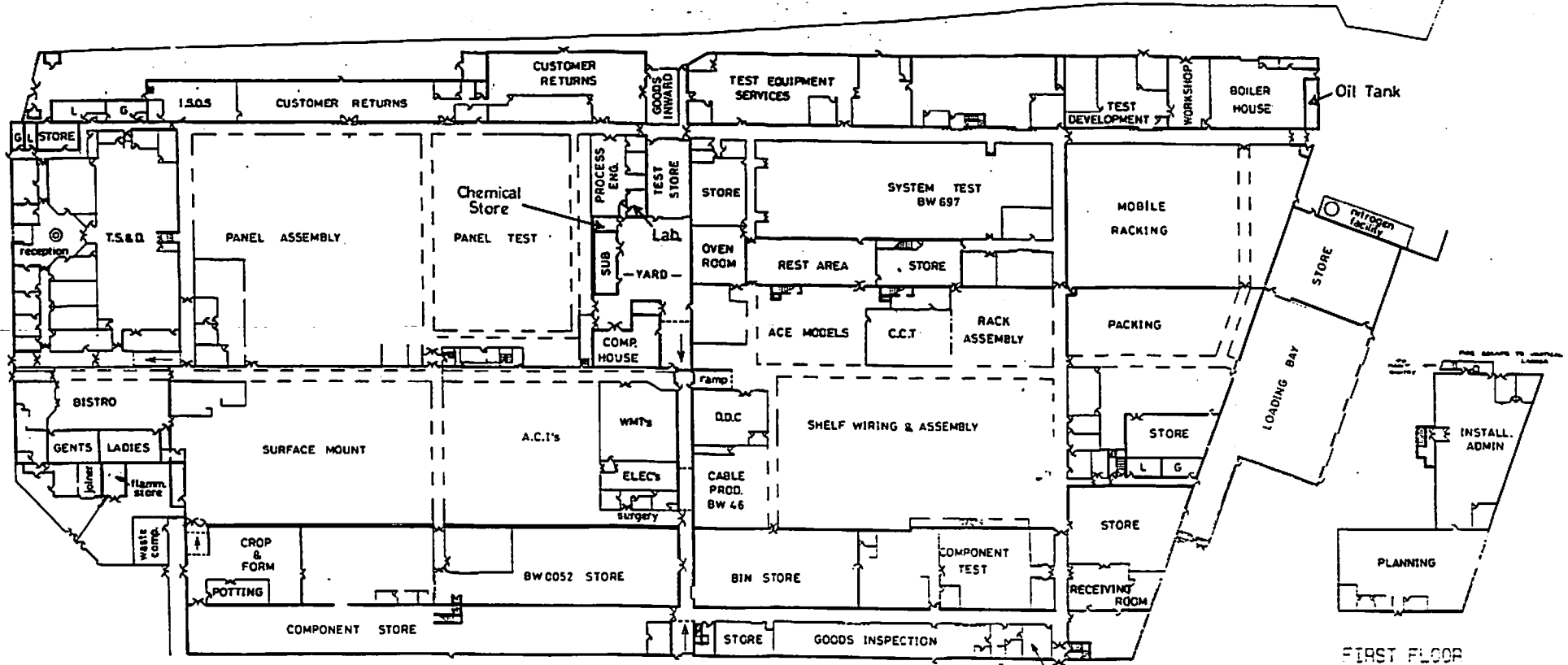


REVISED 11/22
 DATE 03-07-95

NEW HORIZON PARK - SPACE BLOCK PLAN - EXISTING

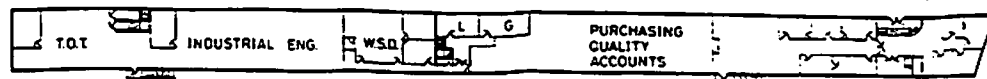
SCALE

HAZARDOUS SUBSTANCES - NHP



FIRST FLOOR

FIRST FLOOR



HELEN ST