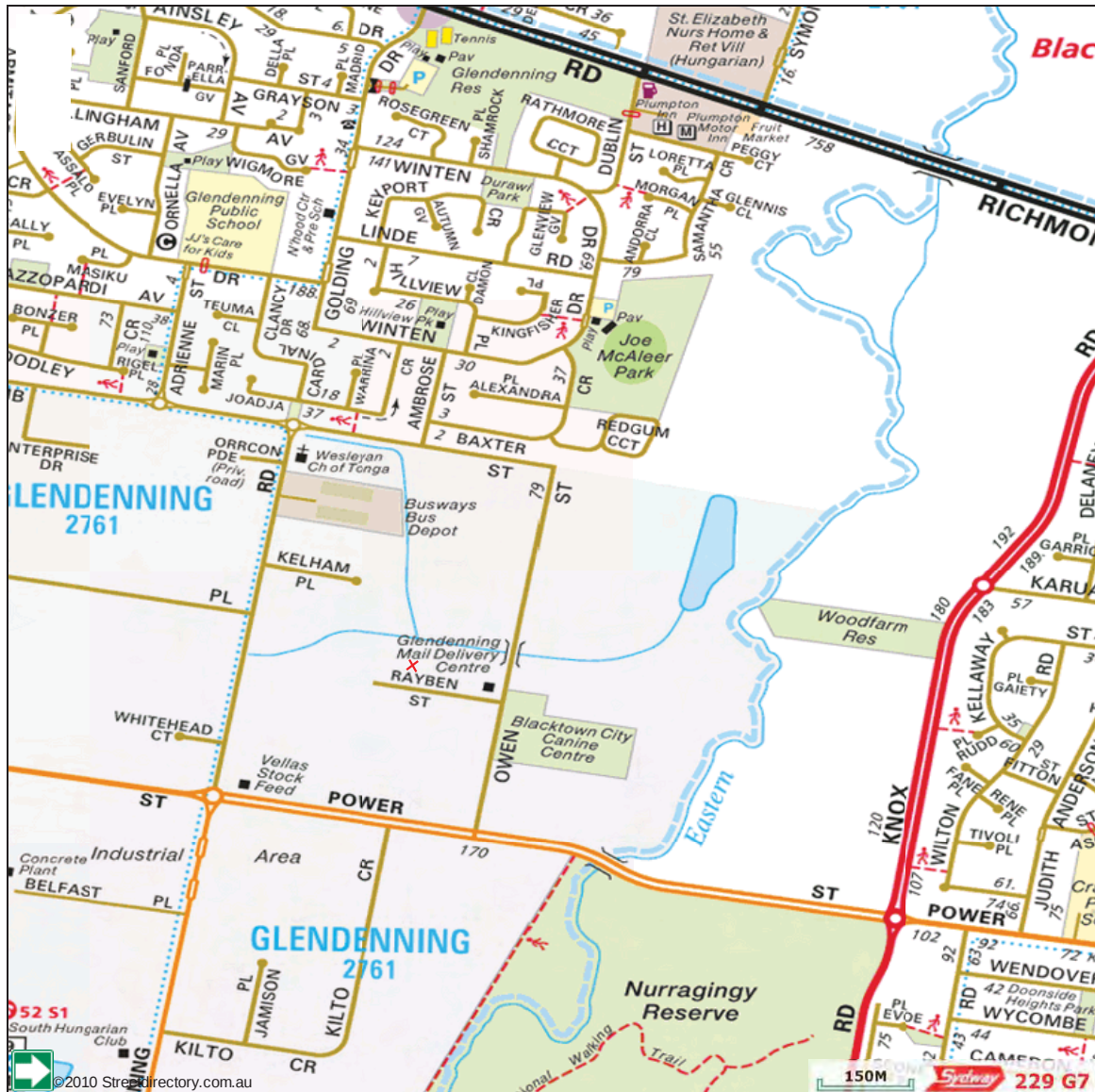
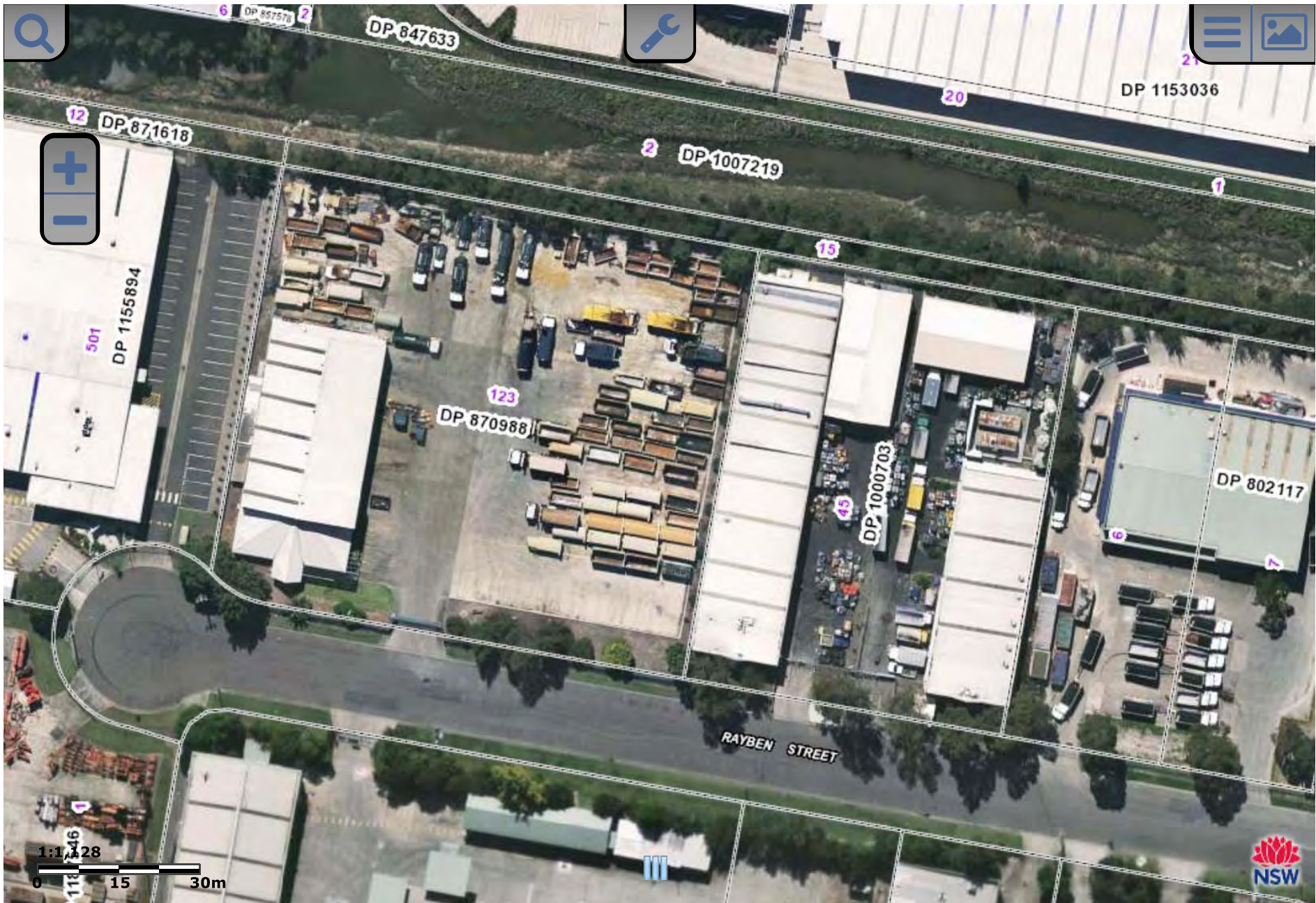


EIS FIGURES





DUGGAN & HEDE Pty Ltd
Professional Engineers, Planners and Environmental Consultants

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e_mail dh@dhenv.com.au

JJ RICHARDS & SONS PTY LTD

LIQUID WASTE FACILITY & DEPOT AT
14 RAYBEN ST, GLENDENNING
AERIAL PHOTOGRAPH

SCALE

REF.

FIGURE 3.2

SIGNATURES, SEALS AND STATEMENTS of intention to dedicate public roads or to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.

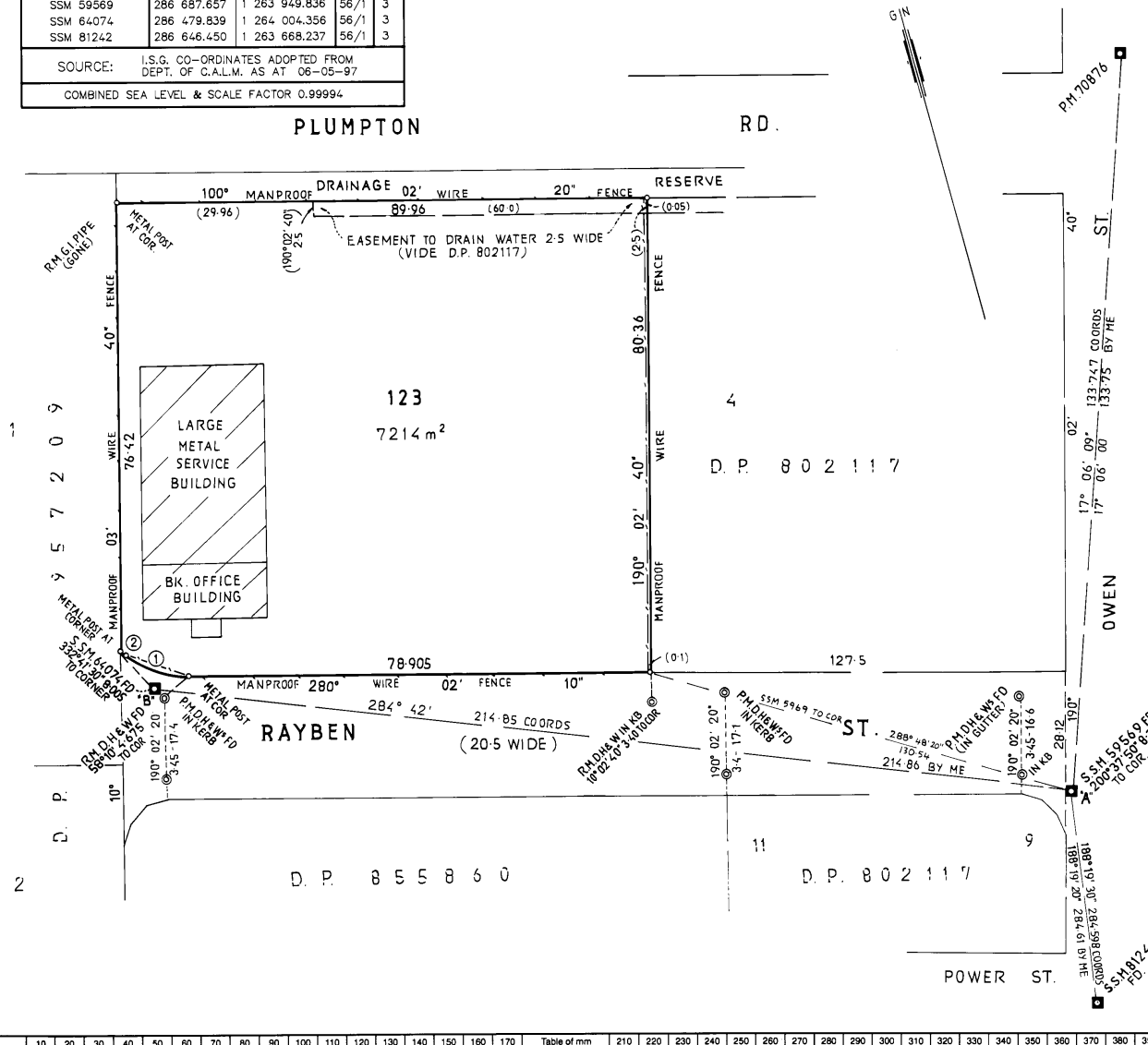
Signed at Sydney the 24th day of AUGUST 1997
State of Australia C.M. 123 124 by me
Fully Licensed Surveyor under Power of Attorney Doc 4243 No 321

Witness

COGNITION & POWER OF ATTORNEY
J. R. ANDERSON
C.M. 123 124 by me to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.

SURVEYORS (PRACTICE) REGULATION 1996: CLAUSE 32(2)				
MARK	I.S.G. CO-ORDINATES		ZONE	ACC
	EASTING	NORTHING		
PM 70876	286 726.990	1 264 077.669	56/1	3
SSM 59569	286 687.657	1 263 949.836	56/1	3
SSM 64074	286 479.839	1 264 004.356	56/1	3
SSM 81242	286 646.450	1 263 668.237	56/1	3
SOURCE: I.S.G. CO-ORDINATES ADOPTED FROM DEPT. OF C.A.L.M. AS AT 06-05-97				
COMBINED SEA LEVEL & SCALE FACTOR 0.99994				

SCHEDULE OF CURVED BOUNDARIES				
No.	BEARING	CHORD	ARC	RADIUS
①	298°48'50"	11.265	11.47	17.5
②	316°47'50"	0.515	0.515	17.5



DP 870988

Registered: 2/2/97

C.A.

Title System: TORRENS

Purpose: CONSOLIDATION

Ref. Map: U8260-52

Last Plan: DP 802117

PLAN

OF CONSOLIDATION
OF LOTS 1, 2 & 3 IN
D.P. 802117

Lengths are in metres. Reduction Ratio 1: 500

LGA BLACKTOWN CITY

Locality: GLENDENNING

Parish: ROOTY HILL

County: CUMBERLAND

This is sheet 1 of my plan in sheets.

JOHN T. HIGGINS

of HIGGINS & NORTON P/L
149 CASTLEREAGH ST, SYDNEYa surveyor registered under the Surveyors Act 1929, hereby
certify that the survey represented in this plan is accurate, has
been made in accordance with the Survey Practice Regulation
1990 and was completed on 15.5.1997.

(Signature) J. Higgins

ZONE: SUBURBAN Survey registered under
Datum Line Of Azimuth "A" "B" the Surveyors Act 1929

Plans used in preparation of survey completion.

DP 847633 DP 855860 DP 857578
DP 865999 DP 957209PANEL FOR USE ONLY for statements of
intention to dedicate public roads or to create
public reserves, drainage reserves, easements,
restrictions on the use of land or positive
covenants.Reg:R829912 /Doc:DP 0870988 P /Rev:03-Sep-1997 /Sta:OK OK /Prt:10-Jul-2014 16:25 /Pgs:ALL /Seq:1 of 1
Ref:R1456 /Src:C

Crown Lands Office Approval

PLAN APPROVED: _____
Authorised Officer
Land District: _____
Paper No.: _____
Field Book: _____ pages

Council's Certificate

I hereby certify that -
(a) the requirements of the Local Government Act 1919 (other than the requirements for the registration of plans), and
(b) the requirements of 1 Part 3 Division 2 of the Water Board Act 1987, or 1 Part 5 Division 7 of the Hunter Water Board (Corporation) Act 1981.
have been complied with by the applicant in relation to the proposed:
(insert "new road", "subdivision" or "consolidated lot") set out herein
Subdivision No. _____
Date _____
(Signature) _____
General Manager/Authorised Person

Council File No. _____
* This part of the certificate to be deleted where the application is only for a consolidated lot or the opening of a new road or where the land to be subdivided is wholly outside the areas of operations of the Water Board and the Hunter Water Corporation Ltd.
1 Delete if inapplicable.

SURVEYOR'S REFERENCE: 05324

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION



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LIQUID WASTE FACILITY & DEPOT AT
14 RAYBEN ST, GLENDENNING
SURVEY PLAN

SCALE

REF.

FIGURE 3.3

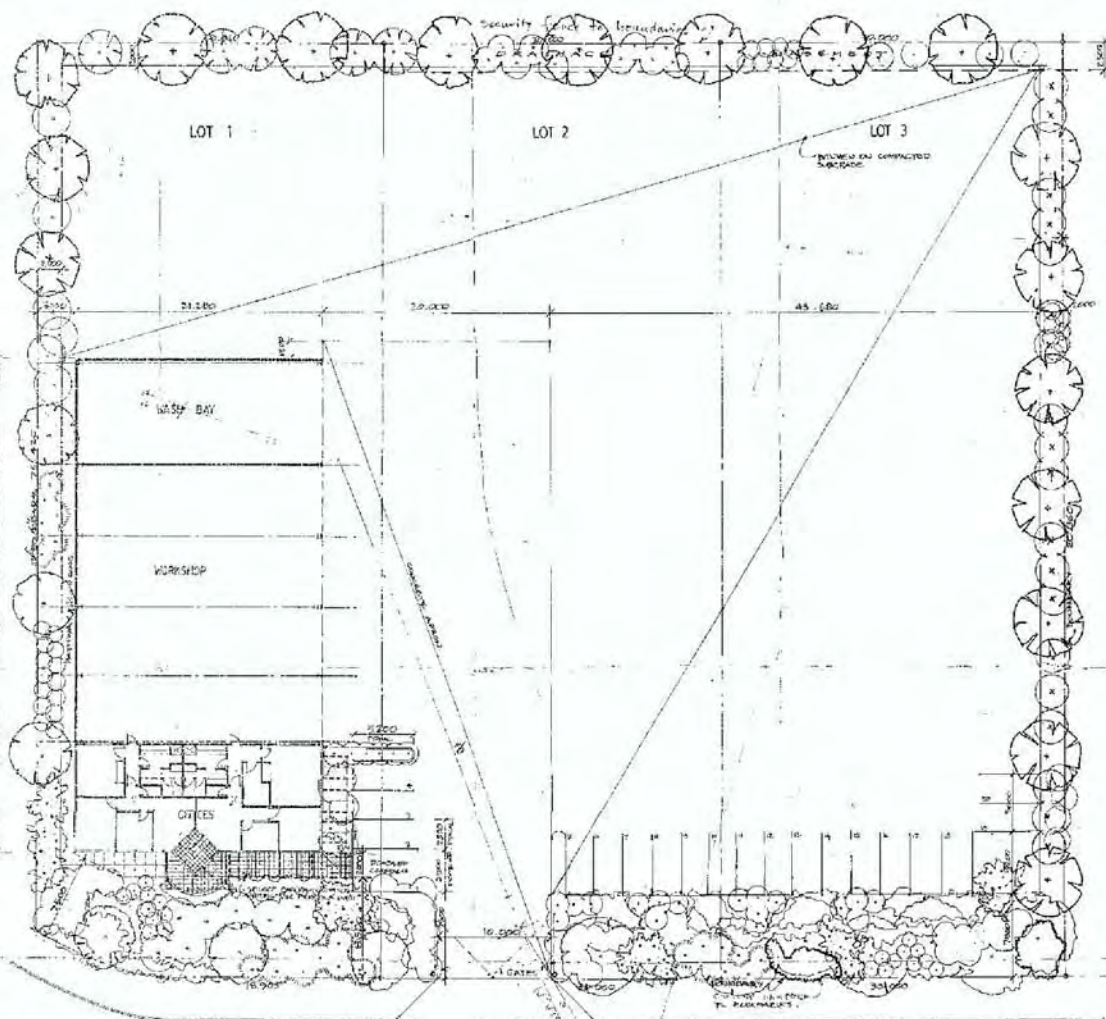




	Species 1 left - 1946
	Endolobus repens 22
	Macaranga arborea
	Fraxinus tree
	Endolobus minor 2
	Endolobus tree
	Platanus, undulata 19
	Papaya tree
	Callistemon viminalis 39
	Erithronium
	Malva lewisii 40
	Many small, group plant-like
	Callistemon viminalis 21
	Erithronium
	Group plant-like
	Callistemon viminalis 22
	Erithronium
	Group plant-like
	Callistemon viminalis 23
	Erithronium
	Group plant-like
	Callistemon viminalis 24
	Erithronium
	Group plant-like
	Callistemon viminalis 25
	Erithronium
	Group plant-like
	Callistemon viminalis 26
	Erithronium
	Group plant-like
	Callistemon viminalis 27
	Erithronium
	Group plant-like
	Callistemon viminalis 28
	Erithronium
	Group plant-like
	Callistemon viminalis 29
	Erithronium
	Group plant-like
	Callistemon viminalis 30
	Erithronium
	Group plant-like
	Callistemon viminalis 31
	Erithronium
	Group plant-like
	Callistemon viminalis 32
	Erithronium
	Group plant-like
	Callistemon viminalis 33
	Erithronium
	Group plant-like
	Callistemon viminalis 34
	Erithronium
	Group plant-like
	Callistemon viminalis 35
	Erithronium
	Group plant-like
	Callistemon viminalis 36
	Erithronium
	Group plant-like
	Callistemon viminalis 37
	Erithronium
	Group plant-like
	Callistemon viminalis 38
	Erithronium
	Group plant-like

- All garden beds to be covered to 6" or more depth with 10mm added vermiculite compost.
- Perimeters of all garden beds to have concrete kerbs 1m horizontal edge stripe Max 10.
- Installation to be handwatered for establishment over 6 months period.
- Mulch to all garden beds 2" to 4" ground cover trees, shrubs - pine straw 75mm thick.

Graduate Tuition: A.A.S.E.A.
Landscape Architecture
Jan 21 - 7/12/93



R A Y B E R S T R E E T

LANDSCAPE PLAN

BLAUGHTON CITY COUNCIL

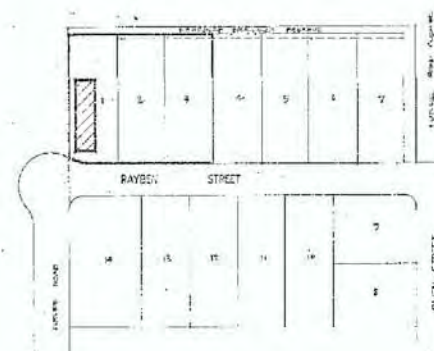
Minutes Approved **P-4510** amended
in accordance with the provisions of Chapter 7, Division
of the Local Government Act 1993 and Resolutions
thereunder. Council is authorized that no more than
any or said assessment payable in respect of the building
and the amount payable under Part II of the
Electricity Lighting Act, 1971 or its Insurance premium
has been paid.

Date of Approval: **28 JANUARY 1994**

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Facsimile (07) 3857 6233
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SCALE	
REF.	
FIGURE	4.1

PAGE	DATE	AMENDMENT
1	10/1/99	1999/01/01 - 1999/01/01
2	10/1/99	1999/01/01 - 1999/01/01



SITE PLAN
SCALE: 1" = 100'

ISSUE CARE AND COMMENT

LEFFLER SIMES
ARCHITECTS

7 YOUNG STREET NEWCASTLE UPON TYNE
 ENGLAND NE1 1RU
 Tel: (071) 263 1344 Fax: (071) 263 1345

CONT.

STEVENSON'S TRANSPORT

1000

MAINTENANCE WORKSHOP

SITE PLAN & LANDSCAPE PLAN

DATE 24 1 73	PROJECT NO 1322	DRAWING NO BA 01	ISSUE B
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PRINTED
1 FEB 1964



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JJ RICHARDS & SONS PTY LTD
LIQUID WASTE FACILITY & DEPOT AT
14 RAYBEN ST, GLENDENNING
PHOTOS OF SITE - FROM RAYBEN ST

SCALE

SHEET

FIGURE 4.2



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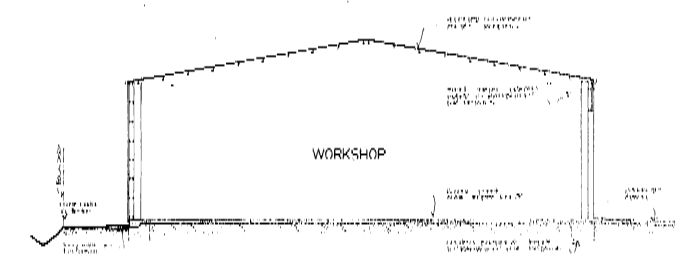
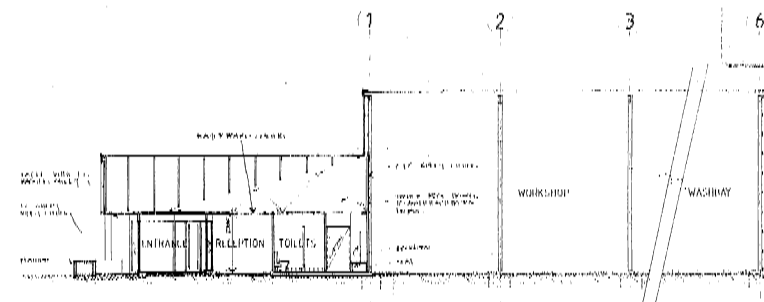
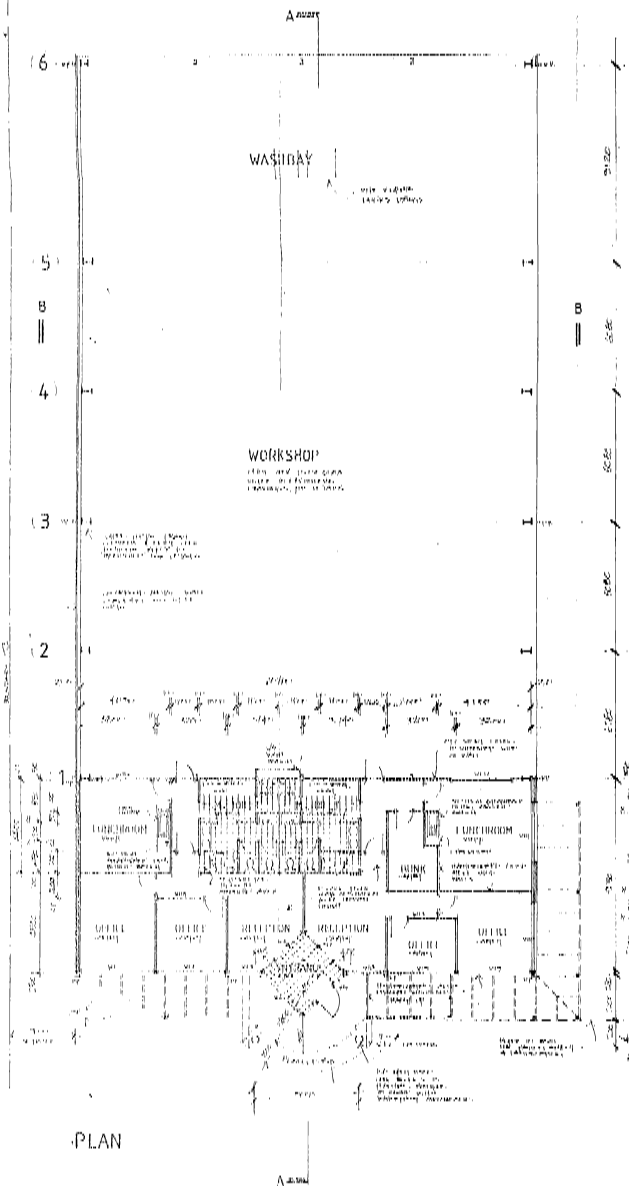
JJ RICHARDS & SONS PTY LTD

LIQUID WASTE FACILITY & DEPOT AT
14 RAYBEN ST, GLENDENNING
PHOTOS OF EXISTING INDUSTRIAL BLDG

SCALE

SHEET

FIGURE 4.3



NOT TO SCALE
THIS DRAWING AND DESIGN IS SUBJECT TO THE TERMS AND CONDITIONS OF THE PROJECT AGREEMENT. IT IS THE RESPONSIBILITY OF THE CLIENT TO ENSURE THAT THE DESIGN IS SUITABLE FOR THE PURPOSES INTENDED. THE DESIGNER ACCEPTS NO LIABILITY FOR ANY LOSS OR DAMAGE CAUSED BY THE USE OF THIS DESIGN.

DATE: 17 FEB 1999

PROJECT: LIQUID WASTE FACILITY & DEPOT AT 14 RAYBEN ST, GLENDENNING

CLIENT: JJ RICHARDS & SONS PTY LTD

DESIGNER: DUGGAN & HEDE PTY LTD

DATE OF REVISION: 20 MAR 1999

REVISION: 6

REVISION: 1. Original design & layout.

LEFFLER SIMES
ARCHITECTS

2 YEARS' SERVICE INCLUDING TWO YEARS' FREE
DESIGN SERVICE - \$15,000 (GST INCL)

STEVENSON'S TRANSPORT

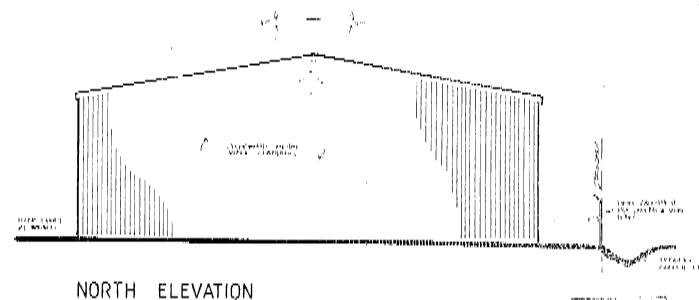
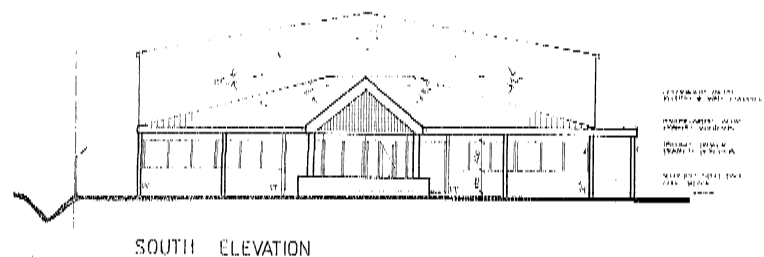
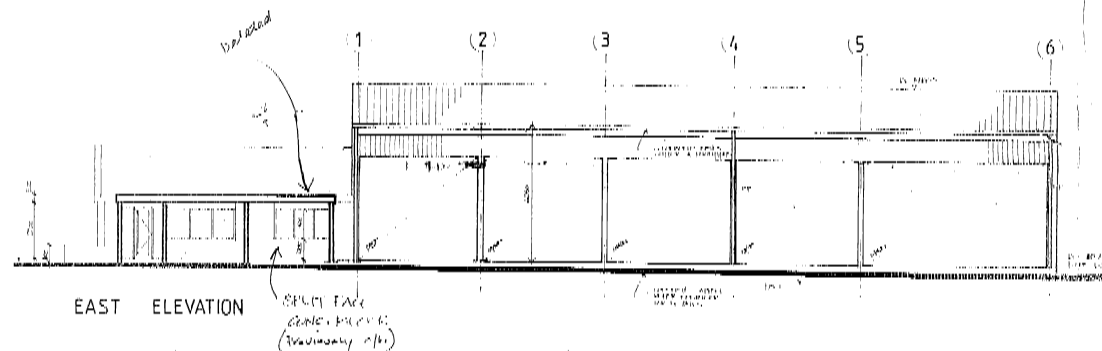
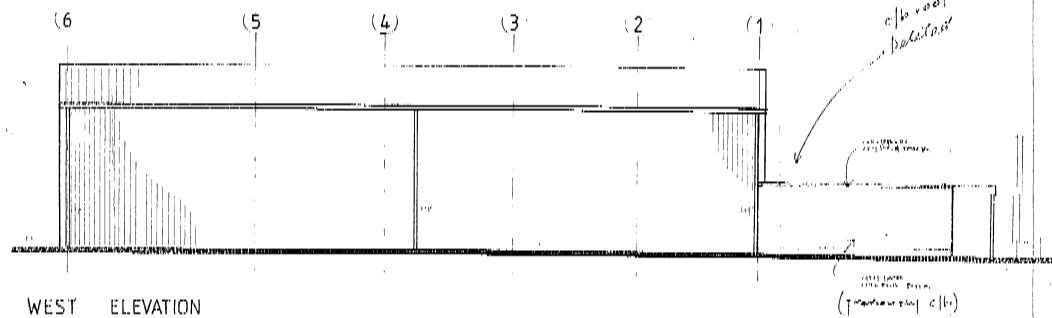
MAINTENANCE WORKSHOP

PLAN & SECTIONS

PROJECT NO: 1322

FOUNDER NO: BA 02

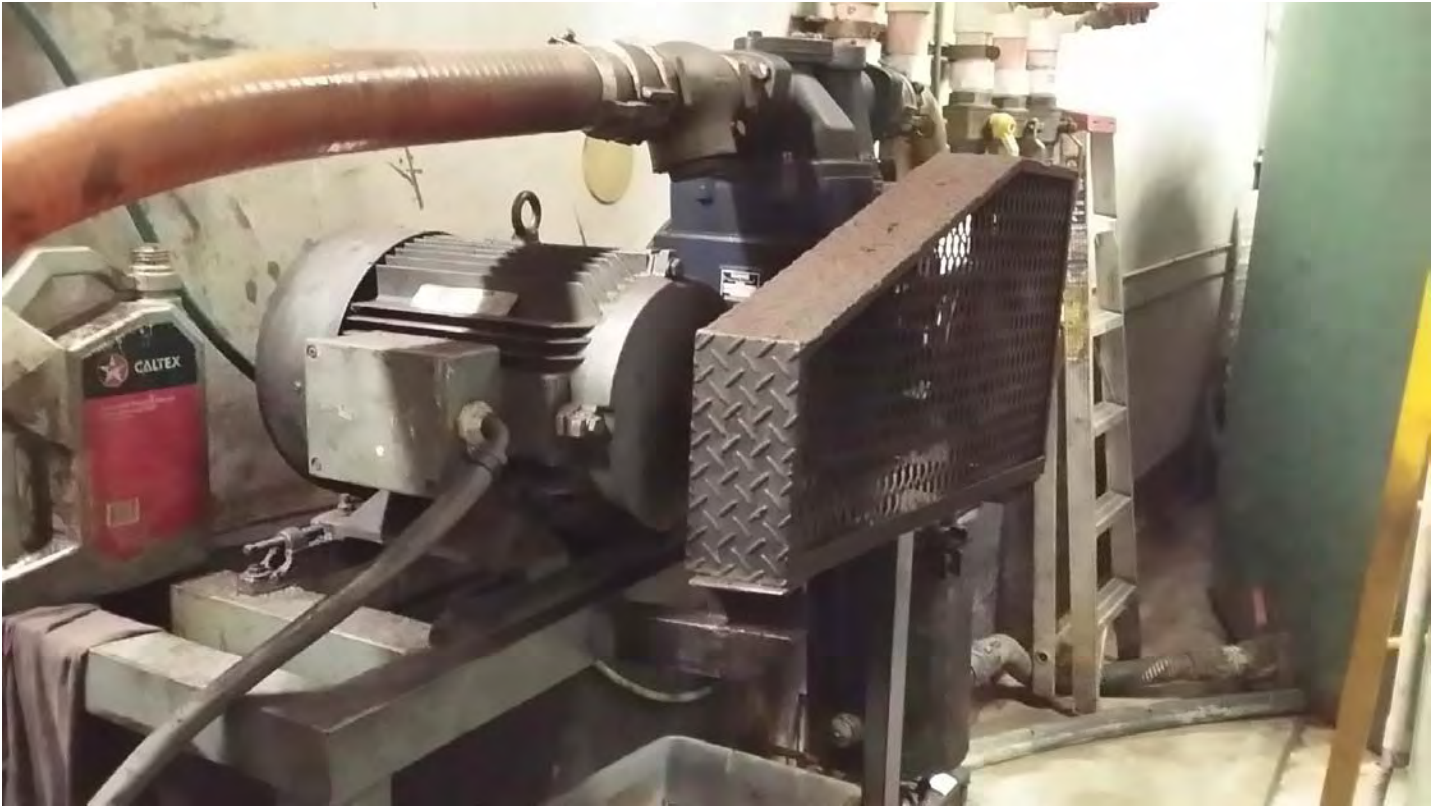
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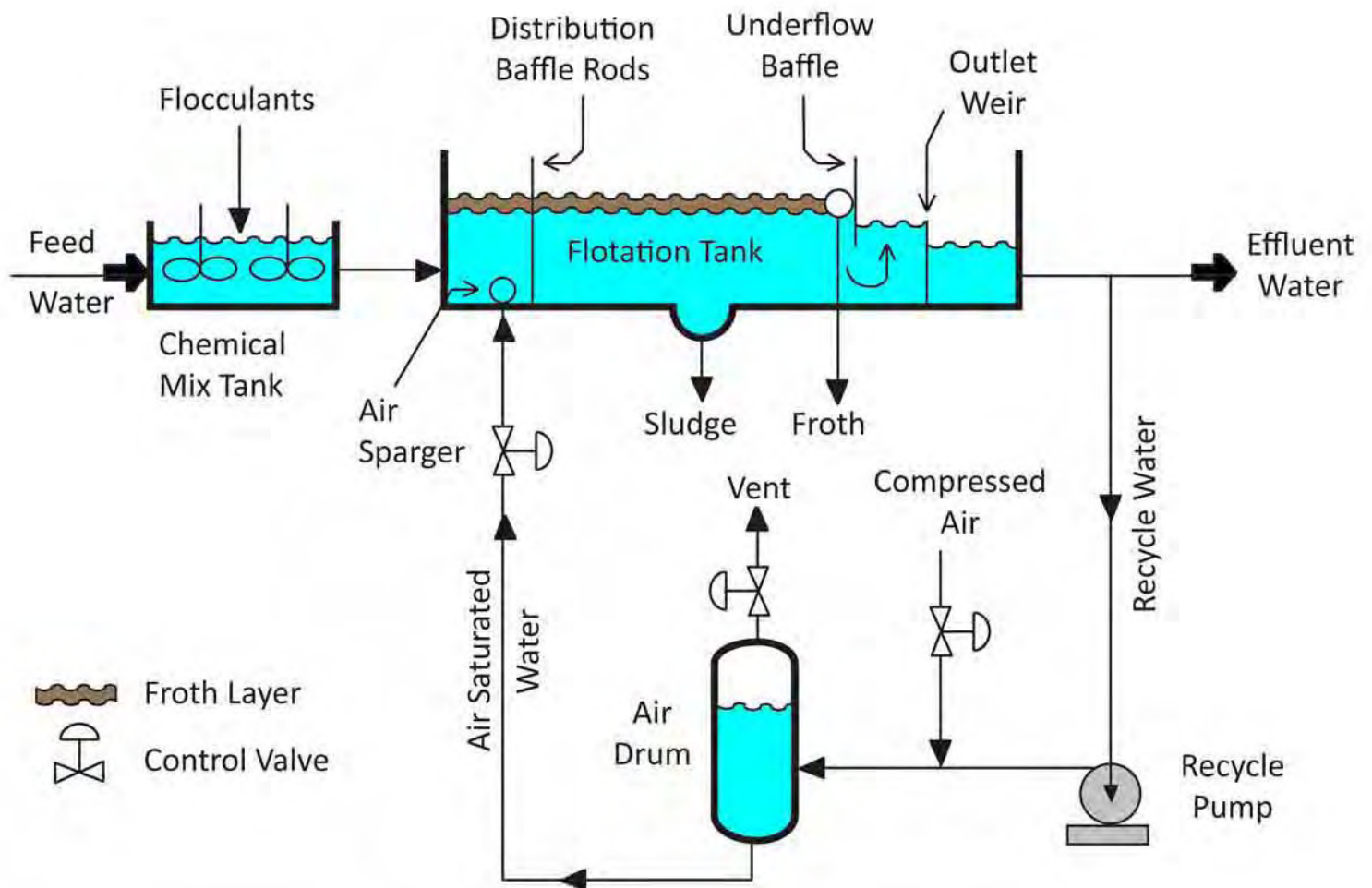


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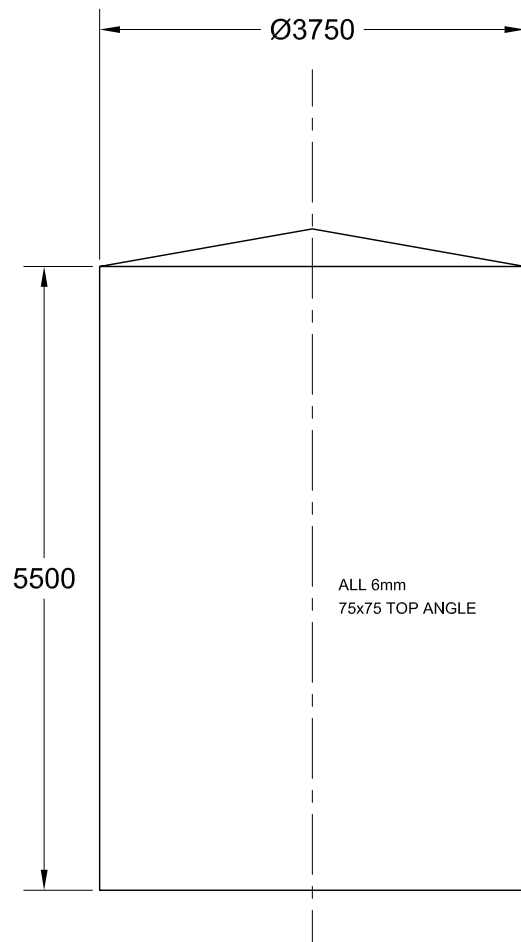
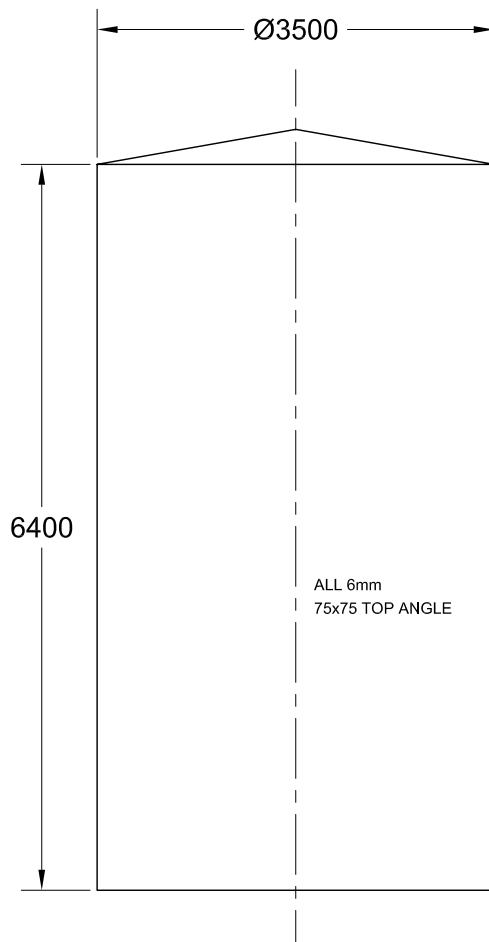
LEFFLER SIMES ARCHITECTS			
2/10/00 10/10/00 10/10/00 10/10/00			
STEVENSONS TRANSPORT			
MAINTENANCE WORKSHOP			
ELEVATIONS			
DATE	PROJECT NO.	DRAWING NO.	SCALE
10/10/00	1322	BA 03	1:1











REMOVE ALL SHARP EDGES

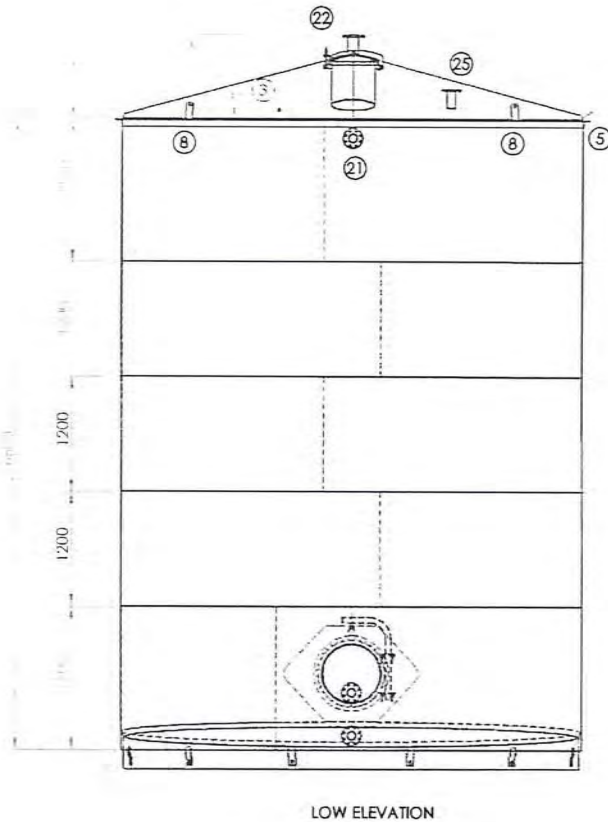
ALL WELDS TO BE DYE CHECKED

ALL WELDS TO BE GROUND & MOPPED

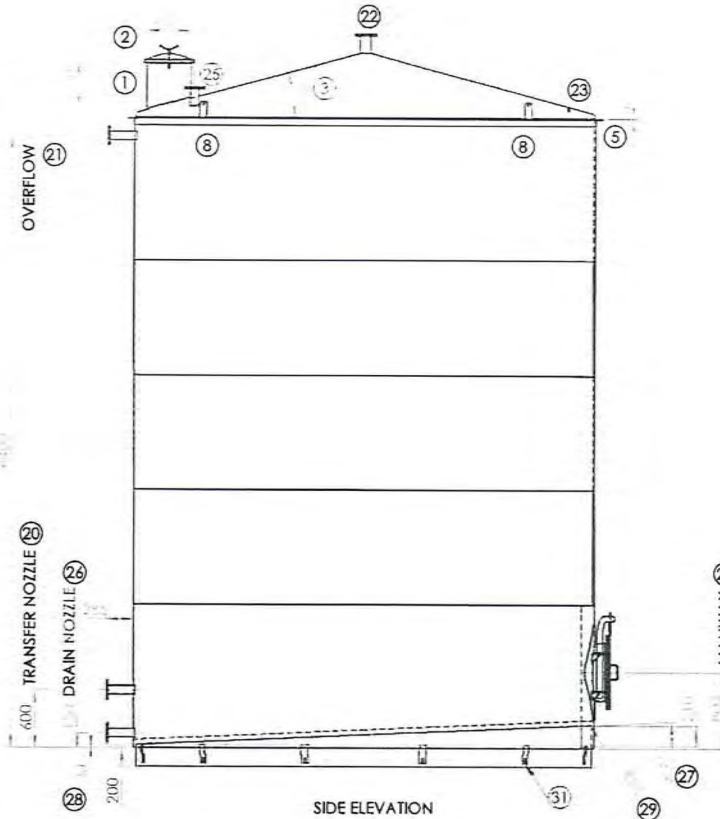
IF IN DOUBT ASK

12 TANK

FOR CUSTOMER
APPROVAL



LOW ELEVATION



SIDE ELEVATION

LEGEND

1	JMA Expansion Chamber 450mm x 500mm
2	JMA 450mm EC Lid
3	TOP CONE 15", 670 HIGH
4	
5	Knuckle Ring 75 x 10 SS EA rolled on edge to 480mm ID
6	Upper Flange 450mm x 500mm
7	
8	JMA Lifting Lug 4 @, (100 x 6 PL, 175mm Long)
18	
18a	
19	
20	Transfer Nozzle (80mm SS Pipe c/w 80mm Table "H" Flang
21	Overflow Nozzle (80mm SS Pipe c/w 80mm Table "H" Flang
22	Breather Nozzle (100mm SS Pipe c/w 100mm Table "H" Flang
23	
24	600 Outletting manway
25	Lead in Nozzle (80mm SS Pipe c/w 80mm Table "H" Flang
26	Drain Nozzle (80mm SS Pipe c/w 80mm Table "H" Flange)
27	Floor Slope 2.5" (210mm)
28	30mm Skirt
29	Floor in nozzle radius 800mm
31	Anchor Brackets 75 x 6 PL 12 @ 200 x 100 Girth Bolt
32	
33	
34	
35	

CUSTOMER
MULHERN WASTE OIL RECYC
120KL WASTE OIL
STORAGE TANK



Jury Rd, P.O. Box 452, Berni S.A. 5343
Phone 85829500 Fax 85823132

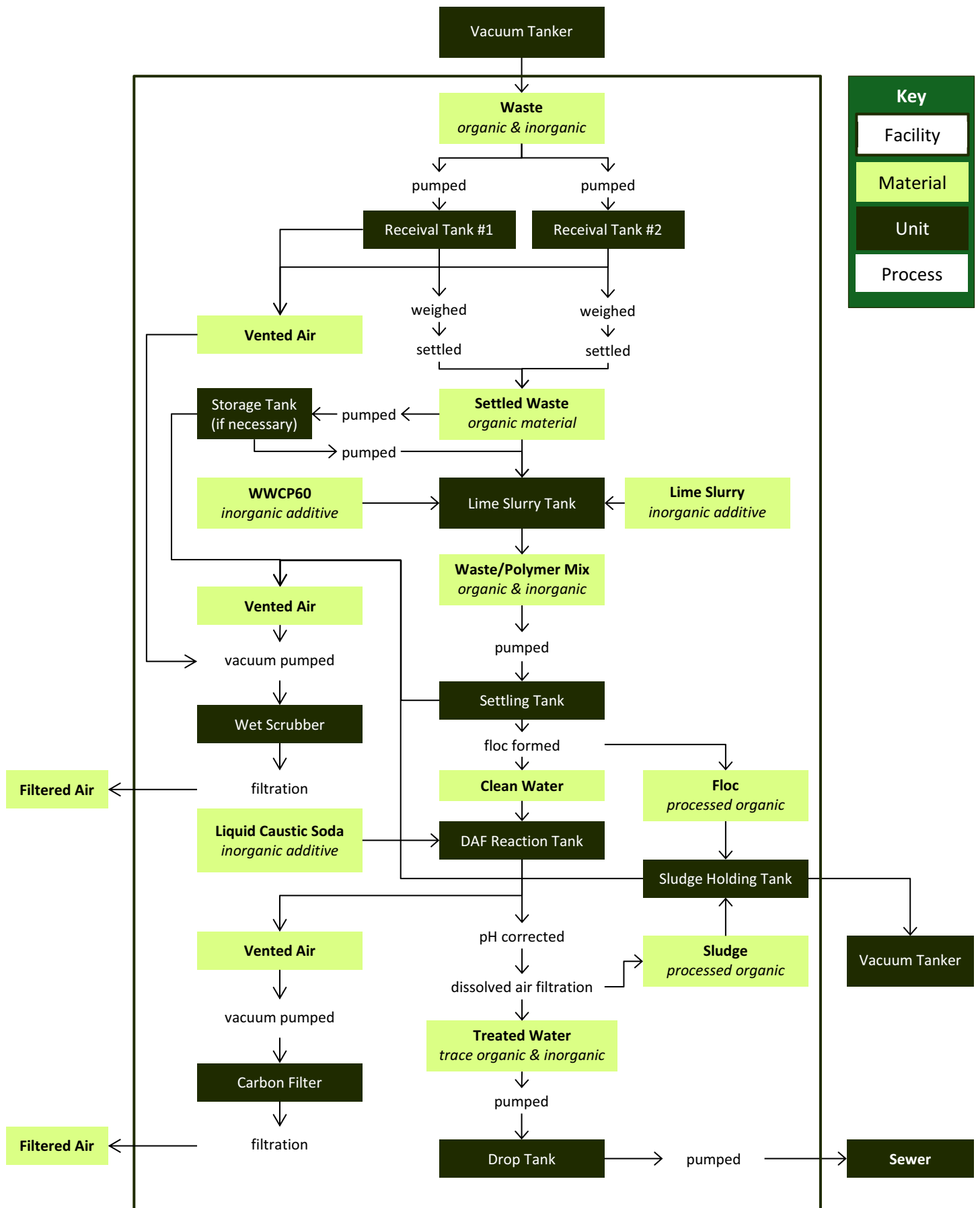
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CHKD,	XXX/XXX	XX/XX/XX	PRODUCT
APPROVED	XX/XX/XX	XX/XX/XX	REVISION

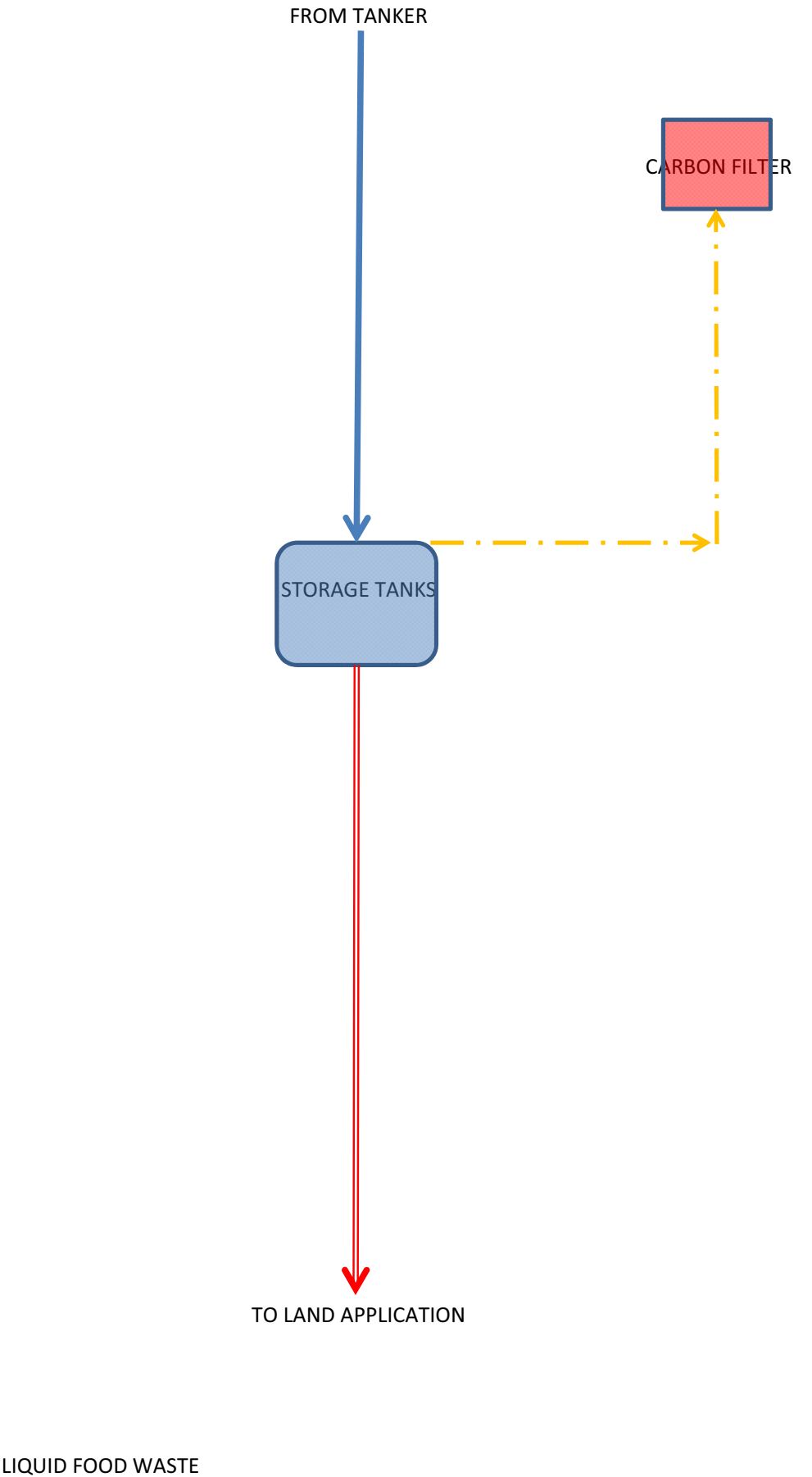
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AND MAY NOT BE REPRODUCED IN ANY FORM,
BY ANY METHOD, FOR ANY PURPOSE, IN FULL
OR IN PART, WITHOUT THE WRITTEN CONSENT
OF THE COMPANY.

MATERIALS	304 STAINLESS STEEL	
JOB No	SITE REF. No	PAPER 340
DRAWING No	WOT_S_0412_1273_120	
SHEET No	ISSUE	

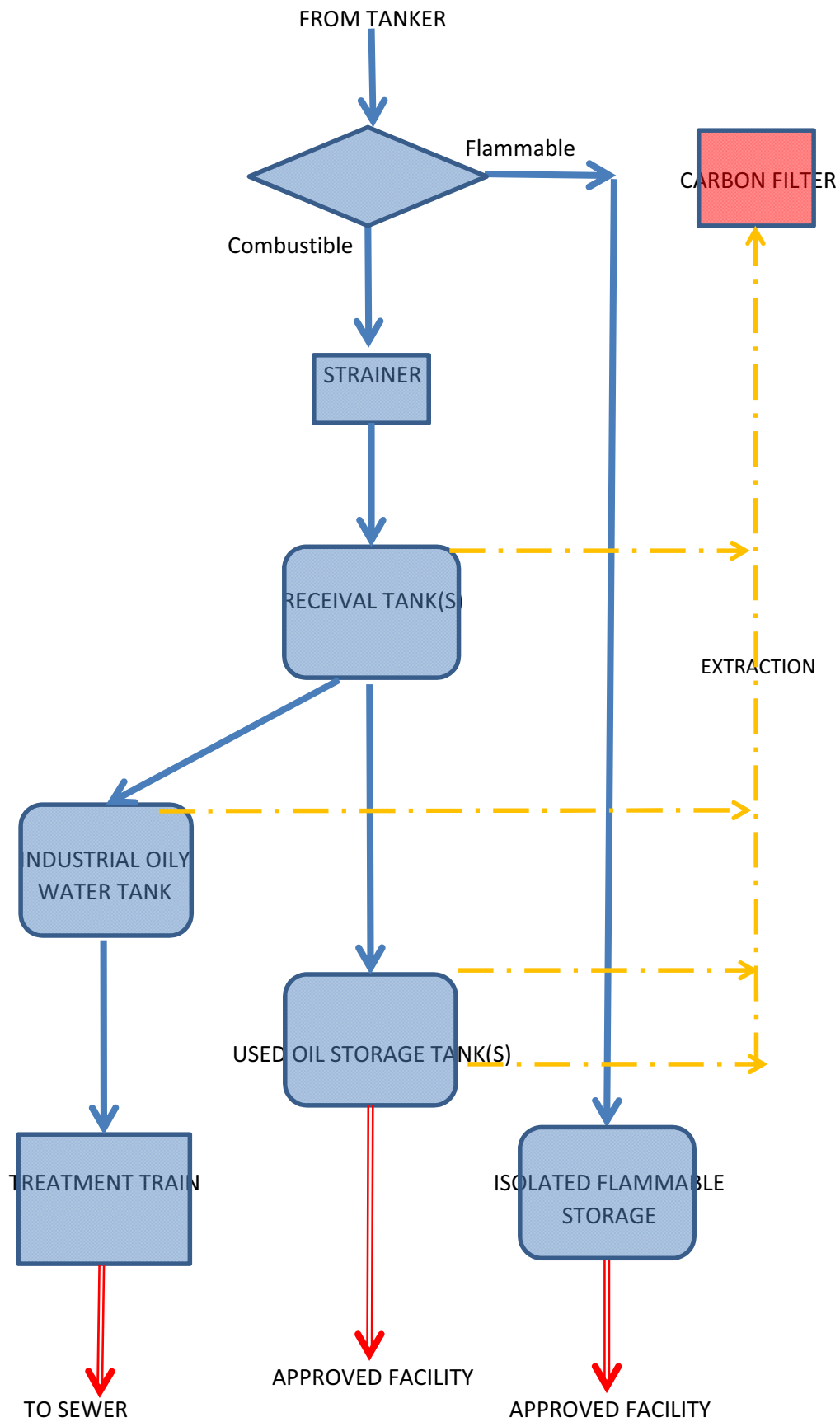
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3	1273_120KL 03	9	1273_120KL 09
2	1273_120KL 02	8	1273_120KL 08

JJ Richards and Sons Pty Ltd
Seven Hills Liquid Waste Treatment Facility – Process Flow Diagram





LIQUID FOOD WASTE



USED OIL



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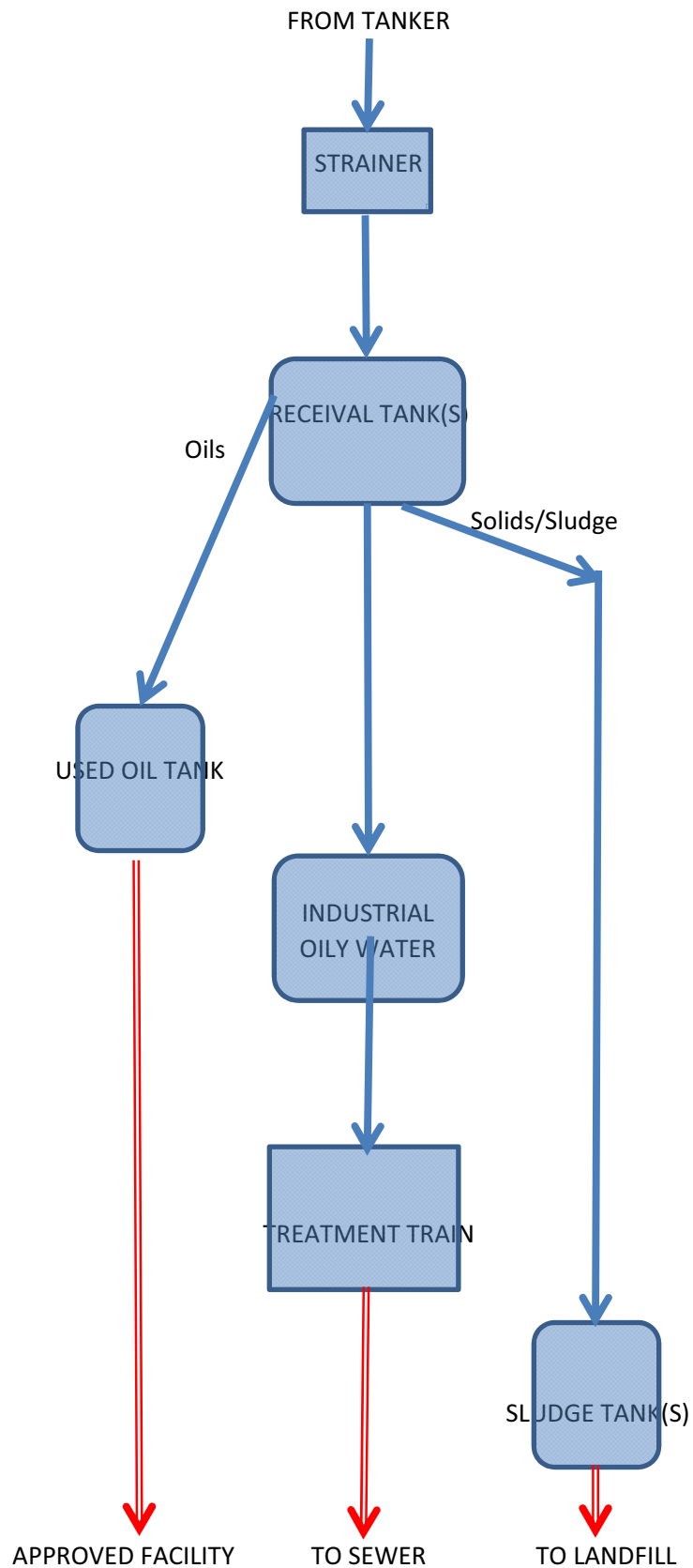
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**LIQUID WASTE FACILITY & DEPOT AT
14 RAYBEN ST, GLENDENNING
USED OIL FLOWCHART**

SCALE

SHEET

FIGURE 4.22



IOW



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LIQUID WASTE FACILITY & DEPOT AT

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PHOTOS - GREASE TRAP COLLECTION & TANKERS

SCALE

SHEET

FIGURE

4.31









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LIQUID WASTE FACILITY & DEPOT AT
14 RAYBEN ST, GLENDENNING
PHOTOS - PULPMaster 4000 (ON-SITE SHREDDER)

SCALE

SHEET

FIGURE

4.41