PTMATIC
ENVIRONMENTAL SERVICES

Title:

Project Description for Garage No 19, J & J Boatyard and Warehousing, Ta'Ghadajma

Submitted by:

PTM Waste Management Facility Ltd.

Version 18.0

Revision Schedule:

Version	Date	Approved By
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4.0	October 2017	Ing Oliver Fenech
5.0	February 2018	Ing Oliver Fenech
6.0	November 2018	Ing Oliver Fenech
7.0	August 2019	Ing Oliver Fenech
8.0	January 2020	Ing Oliver Fenech
9.0	April 2021	Ing Oliver Fenech
10.0	July 2021	Ing Oliver Fenech
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12.0	August 2021	Ing Oliver Fenech
13.0	May 2022	Ing Oliver Fenech
14.0	December 2022	Ing Oliver Fenech
15.0	July 2023	Ing Oliver Fenech
16.0	May 2024	Ing Oliver Fenech
17.0	October 2024	Ing Oliver Fenech
18.0	January 2025	Ing Oliver Fenech

PTMATIC
ENVIRONMENTAL SERVICES

PTM Waste Management Facility Ltd.

Project Description for Garage No.19, J & J Boatyard and Warehousing, Ta'Ghadajma

Contents

Project Description for Garage No.19, J & J Boatyard and Warehousing, Ta'Ghadajma

1. Details of the Persons Wishing to Carry Out this Development

PTM Waste Management Facility Ltd., (PTM), which is part of the Alberta Group of companies, is the leading organisation in the handling of hazardous and non-hazardous waste in Malta. With over 30 active permits for the export of various kinds of waste from the Maltese islands to authorised facilities within the European Union, PT Matic handle thousands of tonnes per year of a wide variety of waste. Further details of PTM are attached as Appendix A.

2. Brief Description of the Project & its General Objectives

The great majority of waste that PTM handles is moved directly for export without any need for local temporary storage. However, due to lack of volume), a small percentage of the waste handled needs to be stored temporarily until it can be consolidated with other waste to generate economic shipping volumes. Following this consolidation, it can then be exported.

PTM has identified a suitable building for the purpose of temporarily storing, systematically placing, and handling the small percentage of waste that cannot be moved for direct export from the originating sites. Garage No.19, J & J Boatyard and Warehousing, Ta' Ghadajma has been identified for this function.

The building is intended to be used as a waste handling facility whereby the pre-packed waste of smaller quantities is stocked until the stock volume is large enough for export. This process is required for the economic feasability of the operation. Preparation of the waste (packaging, etc) would be carried out on the waste generator's, (the client's), site and only subsequently be delivered to the PT Matic waste handling facility. The waste would be stored in bunded containers within the facility, and no additional management of the waste (such as repackaging, processing, etc) would be conducted on site. Following consolidation, the waste will be exported in shipping containers for final disposal at authorised facilities within Europe.

All deliveries and exports of waste will be closely monitored via the processes already in place as imposed by the regulatory body (in this case ERA). Essentially these involve:

1. **An Environmental Permit**
2. **A waste broker's permit;**
3. **A waste carrier's permit;**
4. **Consignment permits;**
5. **TFS permits;**

PTM is already in possession of all the above. Copies of these permits are available if required.

PTM is now submitting this ERA application to attain a variation of the Environmental Permit for the site in question.

Table 1 summarises the waste categories PTM envisages to store on site.

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Table 1 – Summary of Waste Categories

Locate Code	Type of Waste	EWC code (from Commission decision 2000/532/EC establishing a list of wastes)	Quantity (max. site capacity	Method of processing and/or disposal	Method of storage and containment
WM1	CONSTRUCTION & INSULATION MATERIALS CONTAINING ASBESTOS	170601* 170605*	17 TONNES	TEMPORARY STORAGE	BIG BAGS, THICK GAUGE POLYETHENE, DOUBLE WRAPPING ON PALLETS
WM2	CONTAMINATED PACKAGING, RAGS, FILTER MATERIAL, CABLE JOINTS, GRIT, SLUDGE FROM SOIL WASHINGS, DREDGING WASTE, BOILER DUST, FLY ASH, BURNT WASTE, BATTERIES & TUBES AND BULBS	*150110* 150202* 120116* 150111* 170410* 190205* 170505* 170506 191211* 160107* 160505 160504* 160116 140601* 160303* 160305* 160306 190107* 190113* 190115* 200121* 160604* 170504 170503* 120105 190905 200108 160213* 200135* 200199 070213 191203 200101 191201 170402*	4 TONNES	TEMPORARY STORAGE	BIG BAGS, DRUMS, IBCS – Cable joints are packed on pallets.
WM3+	WASTE CONTAINING OIL & LIQUID SCRUBBER WASTE	160708* 130205* 190813* 130307* 130110* 130206* 130507* 130703 130111*	5 TONNES	TEMPORARY STORAGE	BIG BAGS, DRUMS, IBCS, JERRYCANS.

		1 1 2 1 1	3 2 0 1 6	0 0 0 0 0	1 1 1 1 1	1 1 2 1 1	0* 0* 5 2 3*			
WM4	PAINT & INK WASTE	0 0 0 0 0 0 1 2 2 0 0 0 0	8 8 8 8 9 7 6 0 0 8 8 8 8	0 0 0 0 0 0 1 0 0 0 0 0 0	1 1 3 3 1 7 0 1 1 3 3 1 1	1 1 1 1 0 1 0 2 2 1 1 1 1	1* 3* 2* 4* 2* 2 3* 7* 8 7* 3 7* 2	5 TONNES	TEMPORARY STORAGE	BIG BAGS, DRUMS, IBCS, JERRYCANS.
WM5	PHARMACEUTICAL, CLINICAL AND CHEMICAL WASTE	0 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 1 0 2 2 1 1 1 2 2 0 1	7 7 7 7 7 7 4 6 6 8 8 8 8 8 7 7 7 8 7 0 0 4 8 8 0 0 6 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 5 7 7 7 7 6 5 5 1 1 1 1 1 5 5 5 1 1 1 1 6 2 2 1 1 4 1	1 1 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 1 0 0 0 3 3 0 0	3* 4 1* 3* 4* 0* 3* 8* 6* 3* 6* 8* 9 0* 1* 3* 4* 7 4* 9* 3* 2* 7* 8 1* 2 4* 1	18 TONNES	TEMPORARY STORAGE	JERRY CANS, DRUMS, IBCS, CARTON BOXES ON PALLETS
WM6+	ACID WASTE	0 0 0 0 0 0 0	6 6 6 6 6 6 6	0 0 0 0 0 0 0	1 1 1 1 1 1 2	0 0 0 0 0 0 0	1* 2* 3* 4* 5* 6* 4* 3*	5 TONNES	TEMPORARY STORAGE	JERRY CANS, DRUMS, IBCS

+Only one between WM3 and WM6 will be stored in the waste storage facility at any one point in time. The total amount of waste to be present at any time in the facility will be a maximum of 49 tonnes.

These wastes are all classified as hazardous and they need to be handled properly, and with full regard to the legal requirements which govern the material. For example, Legal Notice 323 of 2006 which governs the handling of Asbestos waste.

3. Timing of the Project

The volumes of waste being generated in Malta are increasing rapidly, as is the motivation to handle wastes properly, and in environmentally sensitive ways. It is therefore vital that facilities are provided to temporarily store small volumes of wastes so that they can be handled correctly. Without this, as history demonstrates only too often, wastes will be dumped irresponsibly as any visit to the Maltese countryside will testify.

The timing of this project is therefore URGENT.

4. Location of the Proposed Development

The proposed project will be based in Garage No.19, J & J Boatyard and Warehousing, Ta' Ghadajma. The location is shown on the map attached as Appendix B.

5. Alternatives

The site identified has already been developed for use as warehousing. If the site is not used for the project, it will presumably be used as originally proposed, namely general warehousing.

In terms of alternative technologies, there are no facilities for the proper treatment of hazardous wastes in Malta, and it is extremely unlikely that any will be developed locally. This is because the capital investment in such facilities is substantial, and the volumes of waste generated in Malta render any such local investment un-economic. If hazardous waste is to be handled properly, then the only viable alternative is to export the material for proper treatment in the EU. This is the service which PTM provides for the entire range of wastes.

In terms of alternative sites, PTM has spent many months searching for a site, and the location identified at Mqabba is the only realistic location which has been identified.

6. Physical Characteristics

The physical characteristics of the proposed project are shown in the plan attached as Appendix C.

7. Present & Surrounding Land Uses

The site has already been developed as general warehousing units. Photographs of Garage 19 and the surrounding areas are included in Appendix D. The entire area is used for general warehousing, and it includes a number of units which are already handling waste materials.

8. Services

All required services are already supplied to the site. This includes water, surface water and foul water drainage, power, and security.

9. Persons Employed

It is not envisaged that any employees will be present full time on site. Rather, as required by the need to prepare materials for shipment, we envisage that some 2 staff will attend the site at intermittent intervals.

10. Raw Materials & Wastes Generated

There will be no raw materials on site and no wastes will be generated on site.

11. Storage & Handling of Wastes

Key features of the arrangements for the storage of the wastes will be as follows:

a) Differing types of waste as defined by their European Waste Catalogue (EWC) codes will be stored in clearly defined and separate areas as shown in the drawing included as Appendix E;
b) As appropriate, storage areas will be bunded as a precaution against any potential leakages from the liquid wastes (WM3, WM4, WM5, WM6). Where necessary spill trays will be used for the contaminated wastes (WM2) as prevention against spillages of any remnants inside these wastes;
c) All materials handling will be carried out by Fork Lift Trucks which will remain on the site for this purpose. No other machinery will be required.

12. Access & Parking

Access to the site is via already provided and totally adequate access roads – see photographs in Appendix D. No permanent parking is required. As required by shipping schedules, space is required for the temporary placement and stuffing of 20-foot and 40-foot shipping containers. These will be placed and removed using vehicles equipped with “side loaders” for which more than adequate space is available.

13. Environmental Impacts

No major environmental impacts are envisaged from the activity.

14. Other Information

Other relevant information is as follows:

a) The site will act as temporary storage for the specified waste steams whilst sufficient volume of the materials is accumulated to permit economic shipping to waste disposal facilities in the EU;
b) No industrial processes will take place on the site;
c) Some waste shredded paper is currently present on site;
d) The final destinations of the wastes specified above depend on their exact nature. Table 2 summarises the various wastes and the respective Export Permit;

PTMATIC ENVIRONMENTAL SERVICES

Table 2 – Summary of Waste Destinations

Waste Description	EWC Code	Active Export Permit / Local
Construction & Insulation Materials Containing Asbestos	17 06 01*	MT24/000014
	17 06 05*	MT24/000014
Contaminated Packaging, Rags, Filter Materials, Cable Joints, Grit, Sludge from Soil Washings, Dredging Waste, Boiler Dust, Fly Ash, Burnt Waste, Batteries, & Tubes and Bulbs	15 01 10*	MT23/000032
	15 02 02*	MT23/000031
	12 01 16*	MT22/000057
	15 01 11*	TBC
	17 04 10*	TBC
	19 02 05*	TBC
	17 05 05*	MT24/000057
	17 05 06	TBC
	19 12 11*	TBC
	16 01 07*	TBC
	16 05 05	TBC
	16 05 04*	TBC
	16 01 16	TBC
	14 06 01*	TBC
	16 03 05*	MT23/000009
	16 03 06	TBC
	16 03 03*	TBC
	19 01 07*	TBC
	19 01 13*	MT24/000013
	19 01 15*	MT24/000013
	20 01 21*	Local Facility
	16 06 04*	Local Facility
	17 05 04	MT23/000011
	17 05 03*	MT23/000050
	12 01 05	TBC
	19 09 05	TBC
	20 01 08	Local Facility
	16 02 13*	Local facility
	20 01 35*	Local Facility
	20 01 99	Inhouse Treatment
	07 02 13	TBC
	19 12 03	TBC
	19 12 01	TBC
	20 01 01	TBC
	17 04 02	TBC
Waste Containing Oils & Liquid Scrubber Waste	13 02 05*	Local Facility
	16 07 08*	MT23/000030
	19 08 13*	MT23/000042
	13 03 07*	Local Facility
	13 01 10*	Local Facility
	13 02 06*	Local Facility
	13 05 07*	Local Facility
	13 07 03*	Local Facility

	13 01 11*	Local Facility
	13 01 10*	Local Facility
	12 01 10*	Local Facility
	20 01 25	Local Facility
	11 01 12	MT24/000044
	16 01 13*	TBC
Paint & Ink Waste	08 01 11*	MT24/000039
	08 01 12	TBC
	08 01 13*	MT24/000040
	08 03 12*	MT24/000043
	08 03 14*	MT24/000043
	09 01 02*	MT24/000007
	07 07 12	MT24/000015
	16 10 03*	MT24/000050
	20 01 27*	TBC
	20 01 28	MT23/000017
	08 03 17*	Local facility
	08 03 13	TBC
	08 01 17*	MT24/000014
Pharmaceutical, Clinical and Chemical Waste	07 05 13*	MT24/000008
	07 05 14	MT24/000008
	07 07 01*	MT24/000031
	07 07 03*	MT23/000048
	07 07 04*	MT24/000016
	07 07 10*	MT23/000015
	14 06 03*	MT23/000033
	16 05 06*	MT23/000051
	16 05 08*	MT23/000051
	18 01 03*	MT23/000045
	18 01 06*	MT23/000045
	18 01 08*	MT23/000045
	18 01 09	Local Facility
	18 01 10*	TBC
	07 05 01*	MT23/000029
	07 05 03*	MT23/000046
	07 05 04*	MT23/000047
	18 01 07	TBC
	07 01 04*	MT24/000024
	20 01 19*	TBC
	20 01 13*	TBC
	14 06 02*	TBC
	18 02 07*	TBC
	18 02 08	TBC
	20 01 31*	TBC
	20 01 32	TBC
	06 04 04*	TBC
	18 01 01	Local Facility
Acid Waste	06 01 01*	MT24/000047
	06 01 02*	MT24/000047
	06 01 03*	MT24/000047
	06 01 04*	MT24/000047
	06 01 05*	MT24/000047
	06 01 06*	MT24/000047
	06 02 04*	TBC
	06 02 03*	TBC

Completed Movement forms confirming these destinations are included in Appendix G.

1. Photographs of the interior of the warehouse are included in Appendix D;
2. The types of waste to be stored are summarised in Table 1 above;
3. No industrial processes are involved;
4. There are no final products involved;
5. No wastes are generated;

15. The majority of wastes to be temporarily stored within the facility are solid and the question of spillage does not therefore arise. It should also be noted that, in any event, the volume of liquid material to be held will be very small. However, for the small percentage of liquid wastes which may be held, the following systems will be implemented on site for the clearance of any spills within the bunds:

- Areas within bunds will be permanently covered with absorbent material;
- Spill kits will be available adjacent to each and every bund;
- Employees will be briefed and trained as to the actions to be taken in the event of a spill;
- Full and appropriate PPE will be available within the facility;
- Shower facilities and other amenities will be available on site.

16. No re-packaging of ACM material will take place onsite. Any ACM on site will have been handled on the various client sites and will have either:

- Been placed inside 2 layer big bags approved to the required UN specification and appropriately marked; or
- Been double wrapped, (Red and Clear), in thick gauge plastic suitably marked with the UN symbols.

In each case, the packages will be placed on “euro pallets” for ease of handling within the storage facility.

17. The final destinations of the various types of waste are summarised in Table 2.

Appendix A

PTM Waste Management Facility Ltd – Basic Details

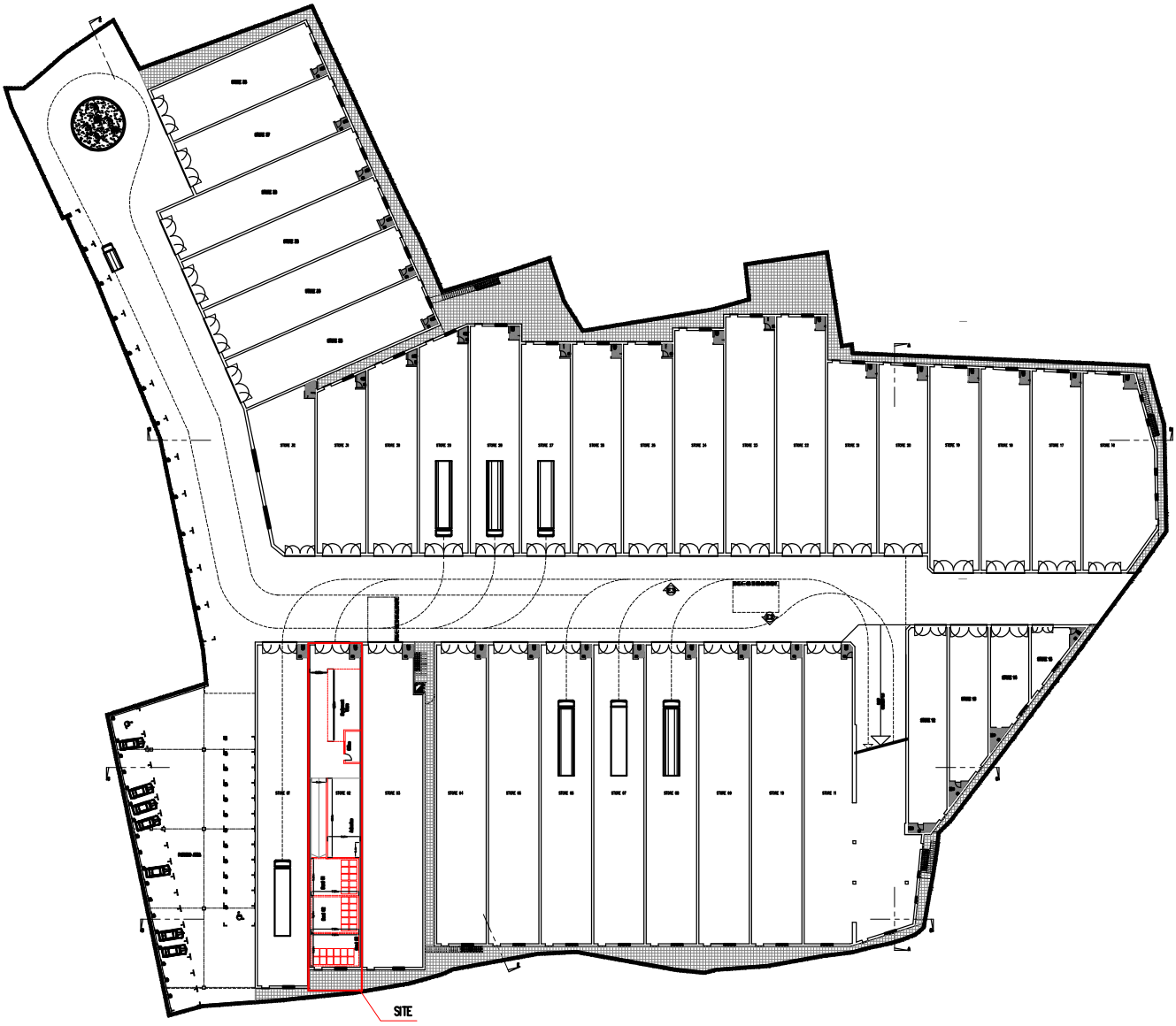
Date of Incorporation:	2020
Company Number:	C 95481
VAT Registration Number:	MT 1660 3334
Ownership:	A member company of the Alberta Group
Address:	Alberta Head Office, San Gwakkin Road, Mriehel, BKR 3000, Malta
Contact Numbers:	Telephone:+356 2144 3538
	Fax: + 356 21484077
Email:	info@ptmatic.com.mt
Web Site:	www.ptmatic.com.mt
Officers:	Ing Oliver Fenech – General Manager – 99772070
	Mr Brian Grech –Projects and Facility Manager – 99133907
	Ms Binumol Thomas – Environmental Scientist – 99329060
	Ms Claudia Buhagiar – Senior Permitting & Shipping Executive – 99995978
	Ms Beryl Micallef- Senior Administration & Finance Executive – 99173661

Appendix B

Location of Proposed Project

C.E. House 2nd Floor,
Dun Karm Street
B'Kara Bypass, B'Kara.
Tel: 21 499443/465386
Fax: 21 499061

Client	ING. OLIVER FENECH
Project Title	PROPOSED CHANGE OF USE
Drawing Title	Block / Location Plan
Drawn By: P.MICALLEF	Checked: P.MICALLEF
Date: 28/01/15	Scale: 1:500
Architect: P.MICALLEF	Project No.: -
Drawing No.: 02	



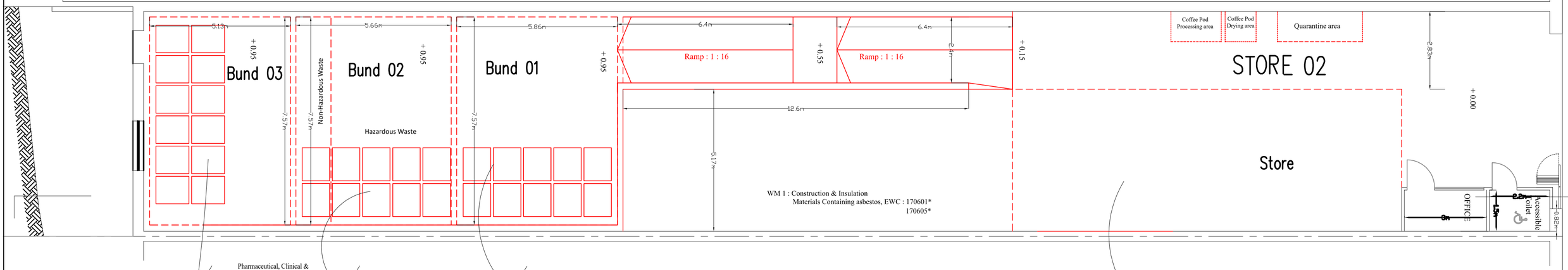
LEVEL -2

Location Plan as per PA 4486/07

Appendix C

Physical Characteristics of Proposed Project

PLAN VIEW
Scale : 1 : 100



Pharmaceutical, Clinical & Chemical Waste
WM5 : EWCS :

070513*	160508*	200119*	
070514	160506*	200113*	
070701*	180103*	140602*	
070703*	180106*	180107	
070704*	180108*	200131*	
070710*	180109	200132	
140603*	180110*	060404*	
180207*	070501*	180101	
070104*	070503*		
	070504*		
	180208		

WM 4 : Paint + Ink Waste :
EWCS :

080111*	200128	
080113*	080313	
080312*	080117	
080314*		
090102*		
161003*		
070712		
200127*		
080317*		

WM 3 - Waste Containing Oil and Liquid Scrubber Waste
EWCs:

160708*	130110*	130703	130110*	110112	
130205*	130206*	190813*	120110*	160113*	
130307*	130507*	130111*	200125		

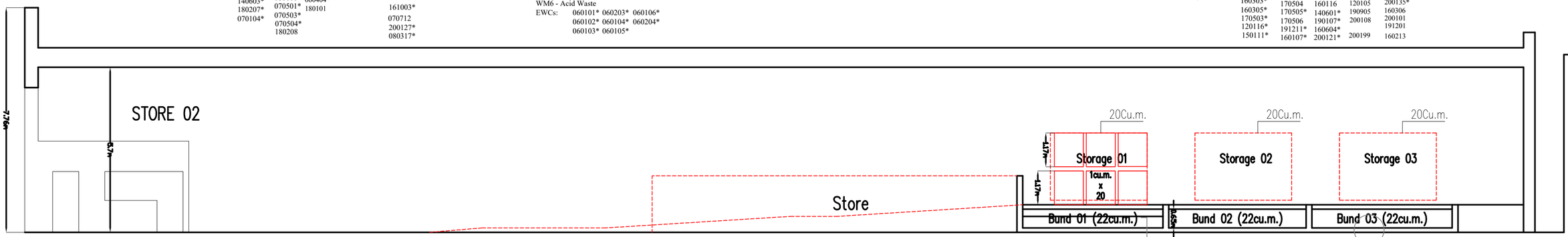
OR

WM6 - Acid Waste
EWCs:

060101*	060203*	060106*	
060102*	060104*	060204*	
060103*	060105*		

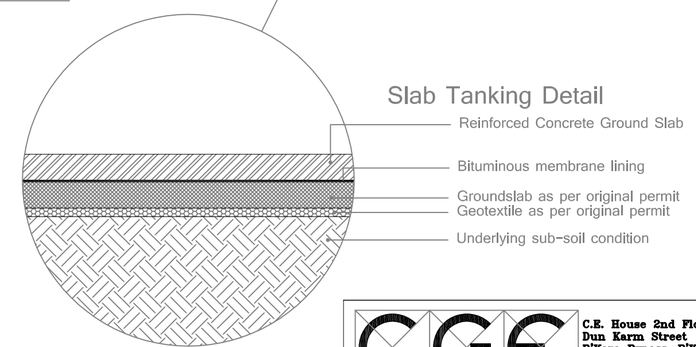
WM 2 - Contaminated Packaging, Rags,Filter Material,Cable Joints,Grit, Sludge from Soil Washings, Dredging Waste, Boiler Dust, Fly Ash,
EWCS : Burnt Waste, Batteries, Tubes and Bulbs, Coffee Pods, Paper

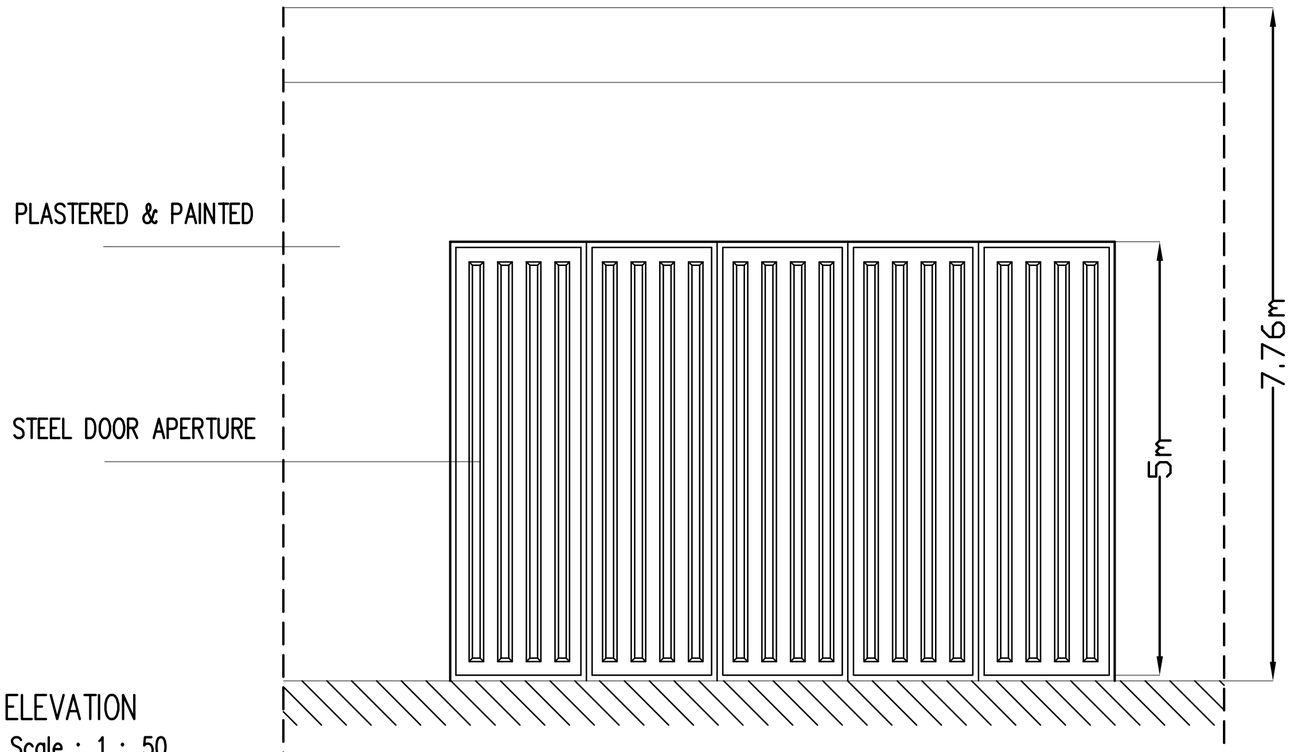
150110*	170410*	160505	190113*	191203
150202*	190205*	160504*	190115*	070213
160303*	170504	160116	120105	200135*
160305*	170505*	140601*	190905	160306
170503*	170506	190107*	200108	200101
120116*	191211*	160604*		191201
150111*	160107*	200121*	200199	160213



CROSS – SECTION
Scale : 1 : 100

L x B x H x Factor
Volume = 5.86m x 7.36m x 0.65m x 0.75m = 22.40 Cu.m.





ELEVATION
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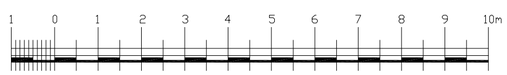

Scale 1:100

C.E. House 2nd Floor,
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B'Kara Bypass, B'Kara.
Tel: 21 499443/485386
Fax: 21 499061

Client	ING. OLIVER FENECH
Project Title	PROPOSED CHANGE OF USE
Drawing Title	PLANS / SECTION
Drawn By	P.MICALLEF
Checked	P.MICALLEF
Date	07/07/23
Scale	1 :100
Architect	P.MICALLEF
Project No.	-
Drawing No.	08

Appendix D

Photographs of Proposed project Unit and Surrounding Area

Access 1

Access 2

Access 3

Access 4

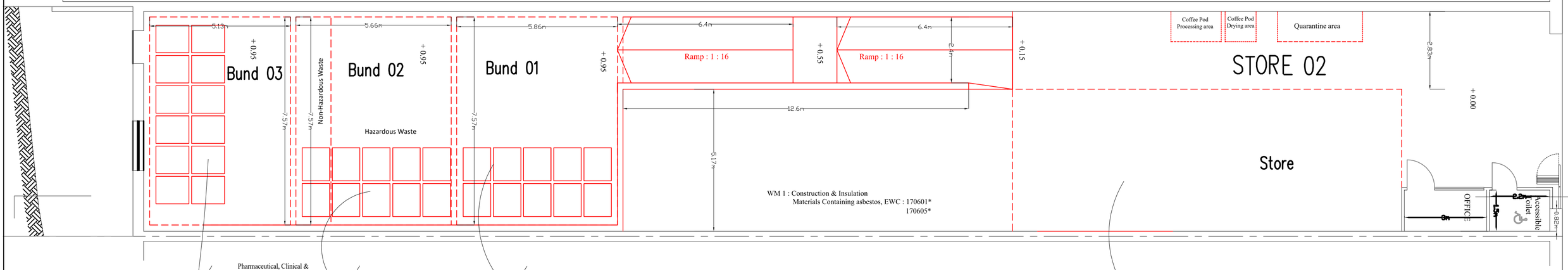
Access 5

Interior of Unit

Appendix E

Storage Plan

PLAN VIEW
Scale : 1 : 100



Pharmaceutical, Clinical & Chemical Waste
WM5 : EWCS :

070513*	160508*	200119*	
070514	160506*	200113*	
070701*	180103*	140602*	
070703*	180106*	180107	
070704*	180108*	200131*	
070710*	180109	200132	
140603*	180110*	060404*	
180207*	070501*	180101	
070104*	070503*		
	070504*		
	180208		

WM 4 : Paint + Ink Waste :
EWCS :

080111*	200128	
080113*	080313	
080312*	080117	
080314*		
090102*		
161003*		
070712		
200127*		
080317*		

WM 3 - Waste Containing Oil and Liquid Scrubber Waste
EWCs:

160708*	130110*	130703	130110*	110112	
130205*	130206*	190813*	120110*	160113*	
130307*	130507*	130111*	200125		

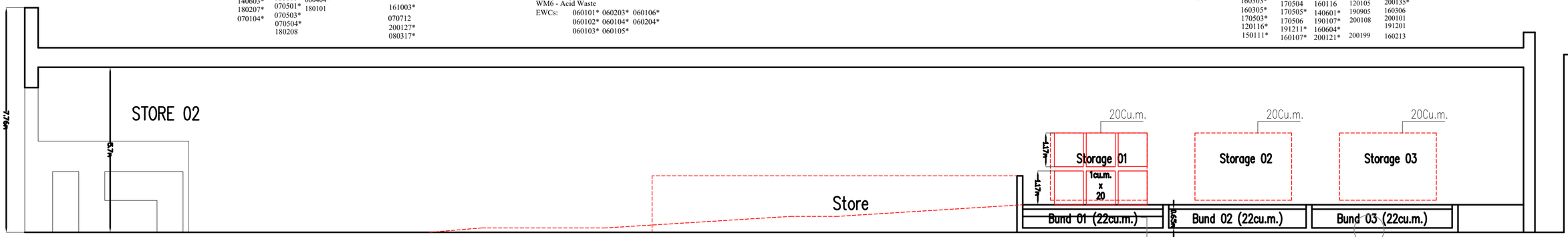
OR

WM6 - Acid Waste
EWCs:

060101*	060203*	060106*	
060102*	060104*	060204*	
060103*	060105*		

WM 2 - Contaminated Packaging, Rags,Filter Material,Cable Joints,Grit, Sludge from Soil Washings, Dredging Waste, Boiler Dust, Fly Ash,
EWCS : Burnt Waste, Batteries, Tubes and Bulbs, Coffee Pods, Paper

150110*	170410*	160505	190113*	191203
150202*	190205*	160504*	190115*	070213
160303*	170504	160116	120105	200135*
160305*	170505*	140601*	190905	160306
170503*	170506	190107*	200108	200101
120116*	191211*	160604*		191201
150111*	160107*	200121*	200199	160213



CROSS – SECTION
Scale : 1 : 100

L x B x H x Factor
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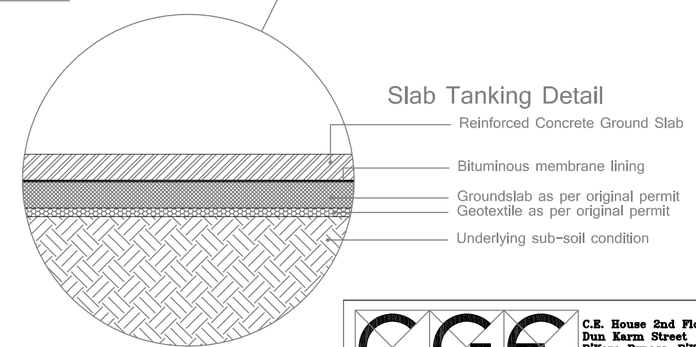

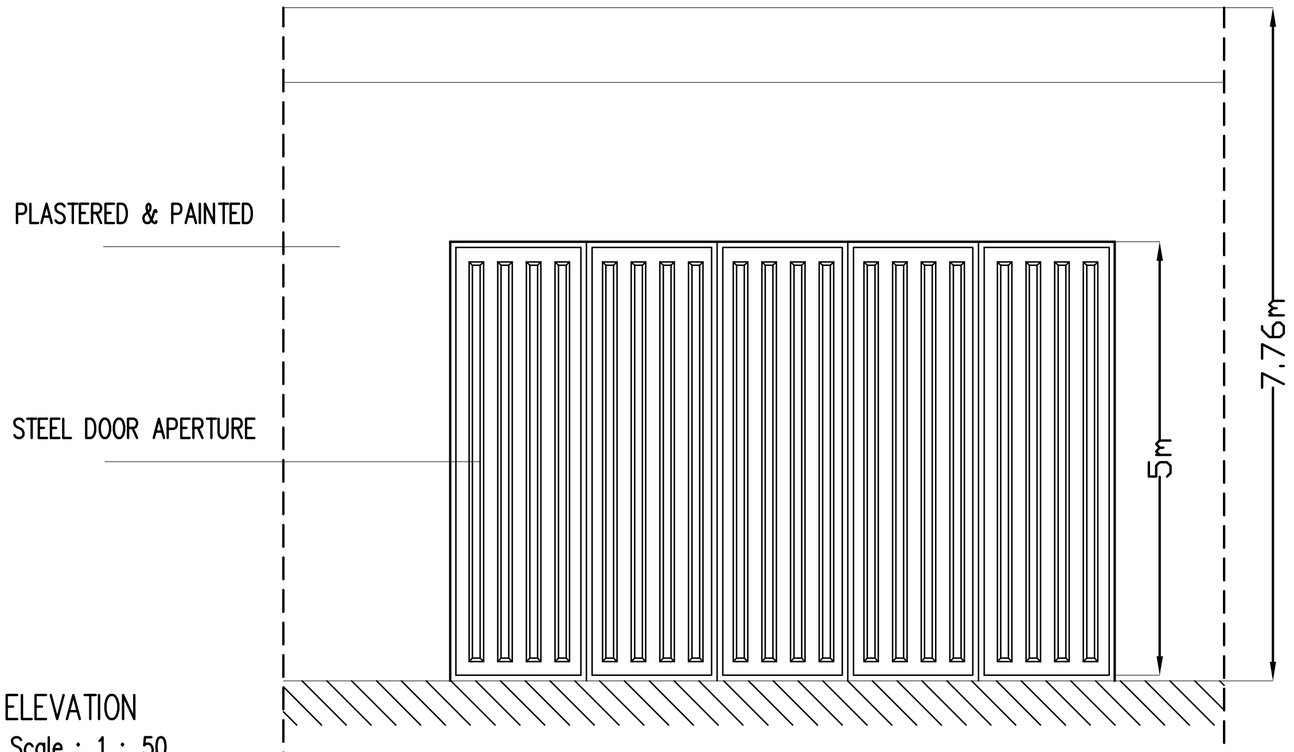

ELEVATION
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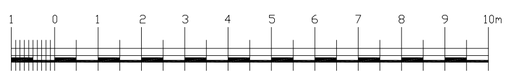

Scale 1:100

C.E. House 2nd Floor,
Dun Karm Street
B'Kara Bypass, B'Kara.
Tel: 21 499443/485386
Fax: 21 499061

Client	ING. OLIVER FENECH
Project Title	PROPOSED CHANGE OF USE
Drawing Title	PLANS / SECTION
Drawn By	P.MICALLEF
Checked	P.MICALLEF
Date	07/07/23
Scale	1 :100
Architect	P.MICALLEF
Project No.	-
Drawing No.	08