CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

SOLID WASTE MANAGEMENT

INTEGRATED WASTE MANAGEMENT PLAN FOR BUILDING WASTE GENERATORS (DEMOLITION)

In terms of the Integrated Waste Management By-law, 2009, as amended 2016:
Obligations of waste generators - section 4(17): When plans are submitted to the City for its approval in terms of the National Building Regulations and Building Standards Act, Act 103 of 1977, the person submitting same must submit simultaneously therewith:-
(a) an integrated waste management plan setting out what provision is made for collection and disposal of the building and other waste;
(b) what provisions are made to store the waste on their property; or
(c) provide a permit to store the waste on the City's property.
To be read with the Integrated Waste Management By-law, 2009 (as amended 2016), Section 10 (refer to annexure A on page 5)

Note: To be completed by owner or proxy on application for approval of building plans.

1. PROPERTY INFORMATION (compulsory)

Erf number | Street name and number

Suburb

Note: Photographs of the property/building are required

2. OWNER'S DETAILS (compulsory)

Name and surname

Municipal account number | or Business Partner number

Please complete and mark with an **X** the preferred method of formal written communication

☐ Physical address

Postal code

☐ Postal address | Postal code

☐ Email

☐ Contact number | Cell

3. CONTACT DETAILS OF MANDATED PROXY (compulsory where applicable)

Full name of person signing this form and authorised to represent the owner. Attach copy of the proxy.

Name and surname

Designation | Identity number

Please complete and mark with an **X** the preferred method of formal written communication

☐ Physical address

Postal code

☐ Postal address | Postal code

☐ Email

☐ Contact number | Cell

4. SCOPE AND ORIGIN OF BUILDING WORK (compulsory)

Provide details on type of building works

☐ Partial demolition of building

☐ Full demolition of building

Where did the building work originate from

☐ Residential

☐ Commercial

☐ Industrial

5. INTEGRATED WASTE MANAGEMENT PLAN (compulsory)

Section 10(2) of the Integrated Waste Management By-law, 2009, as amended 2016, describes the required content of an Integrated Waste Management Plan. Please refer to annexure A on page 5, for further details.

5(a) ASSESSMENT OF THE TYPE OF WASTE THAT WILL BE GENERATED

Waste type, select as many waste types as are applicable to your application:

- ☐ Reinforced concrete
- ☐ Concrete
- ☐ Topsoil, sand and/or rock
- ☐ Bricks and/or plaster (including drywall)
- ☐ Timber
- ☐ Tiles and/or ceramics
- ☐ Carpeting and/or vinyl
- ☐ Metal
- ☐ Plastic
- ☐ Glass
- ☐ Organics
- ☐ Hazardous materials - indicate details in section 5(f) (e.g. asbestos**, fluorescent tubes and light bulbs)

****Note:** Asbestos contractors and transporters must be registered as service providers with the Department of Labour in accordance with the OHSA asbestos regulations.

5(b) DESCRIPTION OF THE METHODOLOGY TO STORE, COLLECT, TRANSPORT AND DISPOSE OF WASTE

Provide specific details below of planned activities around the storage, collection, transportation and disposal of any building waste.

5(b)(i) DETAILS OF HOW WASTE WILL BE STORED OR STOCKPILED

Indicate planned methodology for waste storage and describe the separate stockpiles planned (e.g. concrete, timber, metal, topsoil, glass, etc.) for future re-use or recycling. Please list the stockpiles proposed – use the list from 5(a) as a guide:

(attach additional pages as required)
Note: A permit must be obtained from the City where material will be stored on City land.

5(b)(ii) DETAILS OF COLLECTION, TRANSPORTATION AND DISPOSAL

Accredited waste collectors or transporters

Please provide details of a minimum of one accredited service provider whom you plan to utilise for the collection and transportation of the waste streams.

Note: It is compulsory to submit an appointment letter of the service provider, together with this application.

1. Name of accredited service provider for collection and transportation

Solid waste accreditation number

List of waste materials to be transported (use list 5(a) as a guide)

2. Name of accredited service provider for collection and transportation

Solid waste accreditation number

List of waste materials to be transported (use list 5(a) as a guide)

3. Name of accredited service provider for collection and transportation

Solid waste accreditation number

List of waste materials to be transported (use list 5(a) as a guide)

Licenced recycling or disposal facilities

Please provide details of a minimum of one licenced recycling facility and one licenced disposal facility where you plan to drop off, sell or dispose of the waste streams above, demonstrating your commitment to the controlled and authorised recycling and disposal of your building waste materials generated.

Note: Please attach signed letter(s) of appointment for each facility

1. Name of licenced recycling or disposal facility

Physical address

Name of responsible person or business

Contact number

Cell

List of waste materials to be recycled or disposed of (use list 5(a) as a guide)

2. Name of licenced recycling or disposal facility

Physical address

Name of responsible person or business

Contact number

Cell

List of waste materials to be recycled or disposed of (use list 5(a) as a guide)

3. Name of licenced recycling or disposal facility

Physical address

Name of responsible person or business

Contact number

Cell

List of waste materials to be recycled or disposed of (use list 5(a) as a guide)

5(c) and (d) PROVIDE DETAILS OF THE INTENDED SEPARATION OF WASTE MATERIAL AND YOUR WASTE-MINIMISATION PLANS (refer to 5(e) for POLLUTION PREVENTION PLANS)

Specific action plans of interest are: how recyclable and non-recyclable material will be separated on site (point of source) and whether re-use or recycling is planned per waste stream. Please provide details of waste-minimisation methodologies (e.g. deconstruction of building, recovery and re-use of material [landscaping, fill, crushing], treating, etc.) per waste stream.

Waste separation on site and plan for minimisation per waste stream.
Using the list of stockpiles from 5(b)(i) above, please indicate how you plan to minimise each waste stream and which stockpiles will be:
- Re-used on site
- Recycled or re-used offsite
- Responsibly disposed of

Waste stockpile description	**Recycling, re-use or safe disposal**	**Brief description of waste minimisation methodology**
(e.g. concrete)	(e.g. recycling)	(e.g. All recovered concrete will be separated onsite and transported offsite for crushing)

5(e) THE IMPACT OR POTENTIAL IMPACT ON THE ENVIRONMENT OF THE WASTE CREATED AND MITIGATION MEASURES TO DEAL WITH THESE POTENTIAL IMPACTS (i.e. pollution prevention plan)

5(f) THE TYPE OR CHARACTERISTICS OF WASTE PRODUCED OF AN ENVIRONMENTALLY SENSITIVE NATURE (HAZARDOUS WASTE GENERATED ONLY)

Hazardous waste type	**Characteristics**
(e.g. asbestos)	(e.g. brittle asbestos roofing of a fibrous nature)

5 (g) TARGETS FOR WASTE-MINIMISATION AND DISPOSAL

Please tick (one or more) methods of the three columns under waste-minimisation methodology. Note that safe disposal means the waste that will be disposed in the landfill site, a waste that will not be recycled or reused.
The **safe disposal** and **waste-minimisation** percentages must total 100%.

Waste type	**Waste-minimisation methodology** (tick one or more)			**Safe disposal** (% of waste)	**Waste-minimisation target** (% of this waste stream)
	Re-use on site (incl. filling)	Transfer to crushing plant (recycling)	Salvaging of recyclables (transfer to recycler)		
(e.g. concrete)	✓		✓	(e.g.10%)	(e.g. 90%)
	☐	☐	☐		
	☐	☐	☐		
	☐	☐	☐		
	☐	☐	☐		
	☐	☐	☐		

6. UNDERTAKING BY OWNER(S) OR AUTHORISED PROXY

I/we _____

property owner(s), hereby declare that I/we are aware of the requirements of the Integrated Waste Management By-law.

I/we also confirm the correctness of this Integrated Waste Management Plan and commit myself/ourselves to implementing it.

I/we will make every effort to minimise waste generation and disposal, to promote on-site streaming, re-use, recovery and recycling, as per this Integrated Waste Management Plan, where possible.

I/we will only make use of City of Cape Town accredited service providers.

I/we will only remove and recycle or dispose of building waste and recyclable material at a licenced facility (crushing plant, landfill site, recycling outfit or building waste re-use facility).

On completion of the work I/we will provide the building control officer with the following information:
1. A summary (waste type and measurement) of waste generated, re-used, recycled and disposed (as annexure B).
2. Summarised proof of weighbridge transactions or delivery notes to be attached (as annexure C).
3. Confirmation of accredited waste service providers used.

I/we confirm our understanding that the abovementioned information is required and must be submitted in full prior to an occupancy certificate or any final approvals being granted.

Signature _____ Date D D M M Y Y Y Y

FOR OFFICE USE ONLY

☐ Approved ☐ Rejected Comments _____

Name _____

Signature _____ Date D D M M Y Y Y Y

ANNEXURE A: RELEVANT EXTRACTS FROM THE CITY OF CAPE TOWN: INTEGRATED WASTE MANAGEMENT BY-LAW

Definitions:
In this By-law, unless the context indicates otherwise:
''accredited service provider'' means a person or entity accredited by the City in accordance with its guidelines published from time to time and who provides a waste management service in the City and may include, but is not limited to, large and small business, entrepreneurs, community cooperatives, and venture learnerships;
''building waste'' means waste produced through the construction, alteration, repair or demolition of any structure both manmade and natural, and includes rubble, earth, wood and rock that is displaced during any construction, alteration, repair or demolition, but excludes garden waste;
''licensed waste disposal facility'' means a site, or premises which is licensed by the Province of the Western Cape or the National Government and used for the accumulation or disposal of waste;
''integrated waste management plan'' means an integrated waste management plan which is required by the City in terms of this By-law or that is required in terms of any other applicable legislation;

Section 4: Obligations of waste generators
In terms of section 4 of the Integrated Waste Management By-law a waste generator must–

(1) (a) avoid the generation of waste or where it cannot be avoided minimise the toxicity and amounts of waste generated;
(b) separate waste with the aim of minimising waste and its impacts on the environment and to store the recyclable waste separately from non-recyclable waste provided that industrial waste must be separated into liquids, components and materials that can be treated for recycling or re-use;
(c) re-use, recycle or recover waste where possible;
(d) dispose of recyclable waste by–
(i) contracting with the City where the waste generator will be charged at the City's standard charge in terms of the Tariff By-law;
(ii) where the City does not provide such a service by contracting with an accredited service provider; or
(iii) delivering waste to a licenced waste disposal facility and ensure that waste is treated or disposed of in an environmentally sensitive manner at a licenced waste disposal facility;
(e) manage waste so that it does not endanger health or the environment or create a nuisance;
(f) maintain suitable cleanliness and hygiene standards on their premises as required by the City's Environmental Health By-law;

(16) Any person who directly or indirectly generates building waste or the owner of the property on which such building waste is generated shall not store such waste in containers provided by the City for residential waste and shall remove and dispose of it at a licenced crushing plant or landfill site or any other licenced building waste disposal facility.

(17) When plans are submitted to the City for its approval in terms of the National Building Regulations and Building Standards Act, Act 107 of 1977, the person submitting same must submit simultaneously therewith—
(a) an integrated waste management plan setting out what provision is made for collection and disposal of the building and other waste;
(b) what provisions are made to store the waste on their property; or
(c) provide a permit to store the waste on the City's property.

(18) Contaminated building or other waste where the contamination agent is hazardous or dangerous must be deposited at a licenced waste disposal facility for the treatment and disposal of hazardous waste.

(19) The owner of the facility where building rubble is disposed of shall provide a monthly report to the waste management officer of the mass of such waste deposited at such facility.

(20) The waste generator or the owner of the property on which waste is generated who deposits or stores waste on property of the City may be fined for failure to have or produce a permit for such deposit or storage.

(21) When the building control officer inspects the property where building works have been undertaken to check that it has been built in accordance with the approved plans, he or she shall also check if all building waste has been disposed of.

(22) The owner of the property referred to in subsection (21) will be required to provide the building control officer with proof of a weighbridge certificate that he or she has disposed of the full mass of the building rubble at a licenced waste disposal facility for that category of waste prior to an occupancy certificate or any final approvals being granted.

Section 10. Integrated waste management plan

1) An integrated waste management plan must be submitted by the waste generators listed in subsection (10) in writing to the waste management officer for approval prior to the generation of the waste to be dealt with in terms of the said plan.

(2) An integrated waste management plan must include —
(a) an assessment of the quantity and type of waste that will be generated;
(b) a description of the services required to store, collect, transport and dispose of such waste;
(c) a description of how they intend separating recyclable and non-recyclable material at the point of source;
(d) the waste minimisation and pollution prevention plans of such waste generator;
(e) the impact or potential impact on the environment of the waste created by them;
(f) the type or characteristics of waste produced of an environmentally sensitive nature or the amount of natural resources that are consumed in the manufacturing or production process that result in waste; and
(g) targets for waste production through waste minimisation, re-use, recycling and recovery measures or programmes that can minimise the consumption of natural resources and the method of disposal of waste.

(5) When requested to submit an integrated waste management plan or a further integrated waste management plan in terms of this By-law, a waste generator shall do so within the time stipulated and comply with the terms and conditions set out by the waste management officer for the generation, minimisation, storage, collection and disposal of such waste.

(7) If an integrated waste management plan is rejected or not submitted at all, the waste management officer shall give directives as to what waste management measures must be taken by the waste generator and should the waste generator fail to take such measures within the time frame specified by the waste management officer, the City may implement such measures and the waste generator will be liable for the cost thereof.

(8) The Director may by written notice require any person to provide such information as he or she requires when preparing the City's integrated waste management plan.

(9) Should a person fail to provide the information referred to in subsection (8), the Director may appoint an auditor to obtain such information at the cost of waste generator.

(10) The waste generators of the following classes of waste must submit an integrated waste management plan:
(c) building waste