

SLN & ASSOCIATES LTD.  
沈樂年建築工程設計有限公司

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Ref. No. : HK/30VR/NWFB/DW/(15)/MS001

**Job Name : Demolition Works at No. 30 Victoria Road,  
Kennedy Town, Hong Kong - NHX-583  
( BC/-242/HGS/63 )**

### **Waste Management Plan**

The waste management system of the captioned project set up according to the Code of Practice for Demolition of Building 2004, the detail procedures are listed out as follow :

#### **1. Preparation Works**

Any trash, existing furniture, wood floors, door frames, windows, piping and other building services shall be removed.

Any salvageable materials will be sorted and removed separately.

#### **2. Dust Minimization**

In order to prevent dust generation during the Dust / Debris hauling, water spraying shall be applied during the hauling process. However, the Registered Specialist Contractor ( Demolition ) shall ensure proper control of water supply and floor drainage system in order to avoid flooding which is a nuisance and may cause overloading of floors.

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### **3. Debris Accumulation**

Clearing and transportation of debris shall be arranged to ensure the following conditions are maintained at all time :

- 3.1 Temporary Storage on the floors shall not exceed 100mm above the floors ;
- 3.2 Debris accumulation on the ground floor shall not exceed 1 metre above the ground floor slab ; and
- 3.3 No debris shall be accumulated on the cantilever structures.

### **4. Debris Disposal and Management System**

#### 4.1 Method of Handling demolished building debris

Debris waste and other materials shall not be thrown, tipped or shot down from a height where they are liable to cause injury to any person or near the site.

Besides, Debris and other materials shall be broken into manageable size and separated.

After opening an account at the Environmental Protection Department ( EPD ), the debris would be carried by trucks and use “ Chit ” to dispose at public fill reception facilities.

“ Chit ” would record the truck license plate, trip tickets and location of dump site.

#### 4.2 The routing and movement of debris from roof to ground floor

Demolition debris shall be transported from the upper floor ( Roof ) to ground through a 600 x 600mm opening on the floor slabs as stated at General Notes, Section 5 of the Precautionary Measures of Drawing No. DM 1/5 and Framing Plan of Drawing No. DM 4/5.

Besides, a “KATO 450” or equivalent plant on the ground level to assist to remove debris.

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4.3 Means of transportation of debris off site

The debris removed from the demolition works shall be carried away by dump trucks and disposed at public fill reception facilities. ( For details, please refer to section 6 )

4.4 Time and frequency of debris disposal off site

The time and frequency of debris disposal off site would depend on the demolition process.

4.5 Record scheme on the tonnage of each truck load, truck license plate, driver's name, trip tickets and location of dump site

All the relevant details, including the tonnage of each truck load, truck license plate, driver's name, trip tickets and location of dump site, would be marked down by the site foreman ( T1 ).

" Chit " would record the truck license plate, trip tickets and location of dump site. Besides, the tonnage of each truck load and driver's name would be recorded at the same time.

4.6 The site supervisory personnel responsible for the waste management system

The site foreman ( T1 ) on the site would be the person in charge for the waste management system.

**5. Debris Loading**

In the case when loaders and trucks have to work at ground floor level, the following conditions shall be considered :

5.1 The route of loaders and trucks shall be checked to avoid conflict with temporary propping supports ;

5.2 The working headroom at ground floor shall be checked, any local strengthening to suit removal of mezzanine floor or first floor beams shall be properly designed ( if any ) ; and

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5.3 Loading of the debris shall conform to the Code of Practice for the Loading of Vehicles by the Transport Department.

## 6. Waste Management

Any existing furniture, wood floors, door frames, windows, piping and other building services shall be removed prior the commencement of demolition work. Any salvageable material will be sorted and removed separately.

On-site sorting of surplus construction and demolition ( C&D ) material is strongly recommended so that inert material can be disposed of at public filling areas as far as practicable, the remaining C&D waste disposed of as landfills. Dumping Licenses issued to lorry owners by the Civil Engineering and Development Department ( CEDD ) for delivering public fill to public filling areas require that material to be disposed of at public filling areas must comprise only earth, building debris, broken rock and concrete. Such materials shall be free from marine mud, household refuse, plastic, metal, industrial and chemical waste, animal and vegetable matter and other matter considered unsuitable by the Filling Supervisor. Small quantities of timber mixed with otherwise suitable material may be permitted.

All construction and demolition materials arising from or in connection with demolition work shall be sorted on-site and be separated into different groups for disposal at landfills, public filling areas, in filling areas provided by the Registered Specialist Contractor ( Demolition ), or recycling as appropriate. All public fills to be disposed of at public filling areas shall be sorted and broken down according to the Dumping License conditions.

After opening an account at the Environmental Protection Department ( EPD ), the debris generated by demolition work would be carried by trucks and use “ Chit ” to dispose at public fill reception facilities.

## 7. Location of video camera

The video camera will be provided in the location agreed by AP / RSE.