

WASTE MANAGEMENT PLAN

221-235, 241 Homer St & 208 Wardell Rd, Earlwood

Project No
Pn_0336



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WASTE MANAGEMENT PLAN

0. INTRODUCTION

Proposed Development:

Demolition of the existing buildings and construction of a 5 storey shop top housing development with Commercial/retail space at ground floor, sixty-three (63) residential units at upper levels and 2 x levels of basement carparking, including proposed site subdivision for the purposes of a lane way.

Particular waste management guidelines and/or procedures are proposed for:

- Onsite; during the excavation and construction phases
- Ongoing; for the life of the project

1. ONSITE WASTE MANAGEMENT – DEMOLITION AND CONSTRUCTION

Completed demolition and construction forms following council's CDCP template for Waste management Plan can be found at Appendix A.

NOTE: Volumes and range of materials are under the preliminary estimation based on the existing drawings and documents available at this stage. Figures that are the rough approximation are for reference only and will be revised after the demolition work is completed.

A more detailed waste management plan will be prepared, in coordination with the builder, for the Construction Certificate. This will also include a plan to indicate designated areas for stockpile materials, general waste and recycling.

DESCRIPTIONS

The contractor awarded for the tendered works will appoint the waste contractors, recyclers, recycling outlets and the landfill site. The contractor will submit detailed information relating to the contractor's site management and the method of reuse, recycling and disposal of material before the date of commencement of work.

Excavation Material

Excavation of 2 Level Basement Carpark. Appointed waste contractor will dispose the excavated and import soil from an approved landfill site from the awarded builder.

Green Waste

There is minimal green waste.

Bricks

The concrete mortar bricks will be separated and sent to a crushing and recycling company. Some brickwork may be re-used on site at the main contractor's discretion.



Concrete

All existing concrete structures and rubble will be separated and sent to a crushing and recycling company.

Timber

Door leaves, door frames, and cabinet carcasses will be stockpiled and recycled by a timber recycler or waste contractor appointed by the main contractor. Door leaves in good condition could be resold for recycling. Wall stud framing and roof framing will be recycled for formwork or studwork where possible and the remainder transported by the waste contractor.

Plasterboard

Any wall or ceiling plasterboard will be sent to a landscape supplier or a recycling outlet for recycling.

Metal

Existing steel roofing and any metalwork demolished will be delivered to an approved metal recycler.

Asbestos

The contractor awarded for the tendered works will appoint licensed asbestos contractor/s to remove the asbestos found on site and send them to special waste management plant/s as required by statutory controls.

Others

Ceramic tiles and sanitary fittings will be sent to crushing and recycling company for recycling. Door hardware will be delivered to any recycling building supply company.

SITE MANAGEMENT

1. All machinery, equipment and materials will be loaded, unloaded and used via Wardell Rd.
2. Excavated material and waste will be placed and stored in a waste bin. Debris is to be hosed down and kept damp to prevent dust nuisance.
3. Adequate protection will be provided to the road and footpath area from building activities, no crossings by heavy equipment, plant and materials delivery, static loads from cranes, concrete pumps, and the like, to prevent any damage.
4. The contractor awarded will provide application of a construction zone, a pumping permit, standing a mobile crane and/or an application to pump water into a public road. All applications are subject to the discretion of the awarded contractor determining their specific construction process, procedures, programmes and schedules. The contractor will submit all necessary applications to Council and approval obtained before the commencement of work, once the contractor is awarded after tender.
5. Proposed areas to be used for storage of construction materials, recycled materials, excavated material and waste to be located on site.
6. Demolition, excavation, building work associated with the proposed development will be restricted to the hours of 7.00am to 5.30pm Monday to Friday inclusive, 7.00am to 1.00pm Saturday. Work is not to be carried out on Sunday or Public Holidays. Times for truck delivery of concrete and other bulky materials and spoil removal of the site will be within the period above and will be notified to neighbouring properties 24 hours prior to any major traffic/delivery activities happen.
7. Soil/excavated material is not to be transported on wheels or tracks of vehicles entering or leaving the site. At the end of each working day any dust, dirt or other sediment shall be swept off the road and contained on site and not washed down any storm water pit



2. ONGOING WASTE MANAGEMENT

2.1 RESIDENTIAL

Two garbage/recycling waste rooms have been provided for the residential units at the basement level 2. A bulky waste room has also been provided on the same basement level 2 with an area of 11sqm. There is one waste room provided for the residents of Building A with capacity for 4 x 600L bins. The second and main waste room has been provided for the use of residents of buildings B and C with capacity for 22 x 660L bins (waste and recycle) and 2 x 240L bins (green).

All on-going waste within the development will be managed by a 'building manager/caretaker' that will wheel the bins through the lift bin from the waste bins storage areas (basement 2) to the residential waste holding room on ground floor next to Wardell Road. From here, all bins will be collected by council's weekly waste services (on-street collection proposed) as a collect and return service. The building manager will then wheel the bins back to the bins storage area on basement 2. The property manager will also be responsible to present the garden waste bins to the kerbside for collection by council the evening before the designated collection day.

Waste management facilities will:

- be conveniently located to enable access for on-site movement and collection;
- relate to other loading/unloading facilities;
- have sufficient space for the quantity of waste generated and careful source separation of materials (e.g. recyclables);
- have sufficient space to comfortably contain any on-site treatment facilities (e.g. compaction equipment);
- have adequate weather protection;
- where appropriate or required be enclosed or undercover;
- be secure and lockable, where appropriate;
- be well-ventilated and drained to the sewer;
- be attractive, adding to the scene, not detracting from it; and
- be clearly signposted to ensure appropriate use.

Waste Generation

Completed council's DCP forms for residential waste generation can be found at Appendix A.

2.2 COMMERCIAL

The commercial Waste room, located on the ground floor next to Wardell Road, provides space for 12 x 660L bins for the use of the three retail tenancies (all except the supermarket). There is a 1.5m wide corridor that connects the retail tenancies with the Commercial/retail waste room on ground floor.

Garbage bins for the supermarket are located adjacent to the loading dock. The supermarket will engage private contractors and use in house collections for all waste. A compactor is located within the loading dock. The compactor is used to recycle cardboard from the store. The supermarket will collect plastic inside the store and send it back to their distribution centre for collection and recycling. The supermarket will retain all food that is not sellable, but still able to be consumed and donate this to charity (OzHarvest). A 1.5 m³ bin has been provided for other, non-recyclable waste.

Commercial waste will be collected by private contractors.

Waste Generation

Completed council's DCP forms for commercial waste generation can be found at Appendix A.




Appendix A



Waste Management Plan - Part One (Demolition Phase)

Site Address: 221 – 235, 241-247A Homer Street & 208 Wardell Road

Section 1: Asbestos Declaration

| | | |
|---|--|--|
|  | TBA | |
| | Does Demolition Contain Asbestos? Yes No <input type="checkbox"/> <input type="checkbox"/> | |
| | All asbestos waste is to be managed in accordance with provisions of the NSW Work Health and Safety Regulation 2011 | |
| | Is the asbestos friable | <input type="checkbox"/> Yes (go to section 2) <input type="checkbox"/> No |
| | Is the asbestos non friable and over 10m ² | <input type="checkbox"/> Yes (go to section 2) <input type="checkbox"/> No |
| | Is the asbestos non-friable and under 10m ² | <input type="checkbox"/> Yes (go to section 3) <input type="checkbox"/> No |

Section 2: Asbestos Removal Details

| | |
|---|-----|
| WorkCover Licence No. and Class: | TBA |
| Demolition Contractor Details: | |
| Licensed Landfill: | |

Section 3: General Demolition Waste

| Type of Material | Estimated Amount (m ³) | How will you manage this waste? | | |
|------------------------------------|------------------------------------|---|-------------------------------------|--------------------------|
| | | Re-use On-site | Recycle Offsite | Landfill |
| Bricks | 20 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Concrete | 250 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tiles | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Timber (clean) | 50 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Timber (treated) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Plasterboard | 10 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Metals | 6 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Green Waste | 10 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Other | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Principal Off-Site Recycler | | Principal Licensed Landfill Site | | |
| TBA | | T B A | | |
| | | | | |
| | | | | |
| | | | | |

Waste Management Plan - Part Two (Construction Phase)

| Site Address: 221 – 235, 241-247A Homer Street & 208 Wardell Road | | | | |
|---|------------------------|--|-------------------------------------|-------------------------------------|
| | | | | |
| Section 1: Estimated Amount of Excavation Material (m³): 21,000 m3 | | <input type="checkbox"/> Re-use on-site <input type="checkbox"/> Re-use off site (go to section 2) <input checked="" type="checkbox"/> Landfill Disposal (go to section 3) | | |
| Section 2: Address if re-used off site: | | | | |
| Section 3: Name and Address of licensed landfill: TBA | | | | |
| | | | | |
| Section 4: Estimated Construction Material Waste | | | | |
| Type of Material: | Estimated Amount (m³): | How will you manage this waste? | | |
| | | Re-use on-site | Recycle Offsite | Landfill |
| Bricks | 2 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Concrete | 0.5 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tiles | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Timber (clean) | 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Timber (treated) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Plasterboard | 1.5 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Green Waste | 0.5 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Other | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Off-Site Recycling Facilities | | Licensed Landfill Site/s | | |
| -----T_B_A----- | | -----T_B_A----- | | |
| ----- | | ----- | | |
| ----- | | ----- | | |

Waste Management Plan - Part Three (Ongoing Use)

| | | |
|--|---|--|
| Site Address: 221 – 235, 241-247A Homer Street & 208 Wardell Road | | |
| <input type="checkbox"/> Residential Flat Building <input type="checkbox"/> Multi Dwelling Houses | <input type="checkbox"/> Boarding House <input type="checkbox"/> Other _____ | <input checked="" type="checkbox"/> Shop Top Housing <input type="checkbox"/> Non Residential Development |
| <i>Please complete Sections 1-3</i> | | <i>Please complete Sections 1-4</i> |

Section 1: Generation of Waste

RESIDENTIAL - GREEN WASTE - 2X240L BINS

| RESIDENTIAL | | | | | | |
|--|--|--|--|--|--|--|
| Number of dwellings | Rubbish generation/week (120L/dwelling) | Allocated rubbish bin size (140L or 240L) | TOTAL number of rubbish bins allocated | Recycling generation/week (80L/dwelling) | Allocated recycling bin size (240L) | TOTAL number of recycling bins allocated |
| 63 | 7,560 | 660L | 7 Collected (Twice / week) | 5,040 | 660L | 12 Collected (Once / week) |
| COMMERCIAL (if applicable) | | | | | | |
| Premises Type | Rubbish generation/week (Based on type of premises and m ² , see Appendix 3) | Size and number of rubbish bins | Collection frequency per week | Recycling generation/week (Based on type of premises and m ² , see Appendix 3) | Size and number of recycling bins | Collection frequency per week |
| COMMERCIAL (108 m ²) | 76L /week | 9 x 660L bins | 2 | 76L /week | 3 x 660L bins | 2 |
| RESTAURANT (229 m ²) | 10,690 L /week | | | 2,140L /week | | |
| RETAIL (NON-FOOD) (308 m ²) | 1,078L /week | | | 1,078L/week | | |
| SUPERMARKET (1,108 m ²) | 51,190L / week | 2 x 660L | 2/3 | 18,615L /week | compactor provided | 2/3 |
| | | | | | | |

Section 2: Storage of Waste Bins

| | | |
|----|---|---|
| 1. | Is there sufficient space allocated within each dwelling for one day's waste and recycling? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 2. | Is there a waste bin storage room/area provided? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 2a - What is the total area of bin storage provided? | Retail - 43 m ² Residential - 62 m ² |
| | 2b - Is there sufficient space provided for the allocated rubbish and recycling bins plus handling? (see clause 6.9.4.1 and 6.9.4.2 for requirements) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 2c - Has a minimum 4m ² bulky waste storage area been allocated? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 2d - Have you submitted a detailed plan of the waste bin storage room/area, together with the nominated collection point and access pathway marked? | Yes <input type="checkbox"/> No <input type="checkbox"/> |

| | | |
|----|--|---|
| 3. | Are you using a compactor in the bin storage room? If NO, proceed to question 4 | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| | 3a – Please detail the type of system (carousel, lineal, optic sensors, number of bins, automatic bin exchange, size etc.) | |
| | ----- | |
| | ----- | |
| | 3b – What is the proposed compactor diameter? | |
| | 3c – What is the ceiling height of the waste bin storage room room? | |
| | 3d – What is the proposed compaction ratio? (Must NOT exceed 2:1) | |
| 4. | Is there a garbage chute system installed? If NO, proceed to Section 3 | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| | 4a – Is there a service room provided on each storey? | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| | 4b – Is there sufficient space allocated for 2x 240L recycling bins in the service room(s)? | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| | 4c – How many storeys will the chute service? | |

Section 3: Collection of Waste

| | | |
|----|--|---|
| 1. | Is there a caretaker on-site responsible for managing waste? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 1a - Designate which body is responsible for cleaning of waste storage areas | STRATA |
| | 1b - Designate which body is responsible for transfer of waste and recycling bins to and from the collection point (if applicable) | STRATA |
| 2. | Are you proposing to use a waste bin presentation area for collection of waste? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| 3. | What is the maximum distance from the waste bin storage room/area to the street kerb? | 3.8 m |
| 4. | Are you proposing for Council's collection contractor to enter the site to collect the bins? (see clause 6.9.4.3) | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Section 4: Shop Top Housing and Non-Residential Development

| | | |
|----|---|---|
| 1. | Has a separate waste bin storage room/area been provided for commercial/retail tenancies? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 1a - Does the waste bin storage room/area have sufficient space allocated for storage of estimated bins? (as per Section 1) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 1b - Is the waste bin storage room/area size and layout flexible to allow for future changes in use? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| | 1c - Have you provided the necessary requirements for storage and collection of specific wastes types (i.e food, medical, hazardous etc.) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

| | | |
|----|--|---|
| 2. | Has sufficient space close to retail/commercial premises been allocated for storage of re-usable commercial items such as crates, pallets, kegs etc? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
|----|--|---|

WASTE MANAGEMENT PLAN

| | |
|---|--|
| Site address: | ALDI Store Earlwood 221-235 Homer Street & 208 Wardell Road, Earlwood |
| Applicants Name & Address: | ALDI Stores 10 Burando Road, Prestons NSW 2170 |
| Telephone: | (02) 8783 3000 |
| Facsimile: | (02) 8783 3299 |
| Buildings and other structures currently on the site: | New Mixed Development |
| Brief Description of Proposal: | Proposed new ALDI tenancy within a new mixed development site. |

The details provided within this document are the intentions for managing waste relating to this Project.

Introduction:

During construction stages, the Contractor shall be encouraged to recycle as many materials as practicable.

During the operation of the ALDI store staff will be trained in responsibilities related to waste management and minimisation and informed about the waste management plan, as approved by Council. Staff members will be provided with a list of recyclable and non-recyclable materials. They will be made aware of the location of bins, which type of waste should be placed in specific bins and when waste collection will occur.



DEMOLITION STAGE

| MATERIALS ON SITE | | DESTINATION | | |
|------------------------------------|----------------------------------|--|--|--|
| | | REUSE & RECYCLING | | DISPOSAL |
| TYPE OF MATERIAL | ESTIMATED VOLUME (M³/Wt. (t)) | ON-SITE *specify proposed reuse or on-site recycling methods | OFF-SITE * specify contractor and recycling outlet | *specify contractor and landfill site |
| Excavation Material (1600kg/m³) | Nil | | | |
| Green Waste (500kg/m³) | Nil | | | |
| Bricks / Blocks (1900kg/m³) | Nil | | | |
| Concrete (2400kg/m³) | Nil | | | |
| Timber (700kg/m³) | Nil | | | |
| Plasterboard (800kg/m³) | Nil | | | |
| Metals (2700kg/m³) | Nil | | | |
| Glass Shopfront (2600kg/m³) | Nil | | | |
| Tiles (2500kg/m³) | Nil | | | |

CONSTRUCTION STAGE

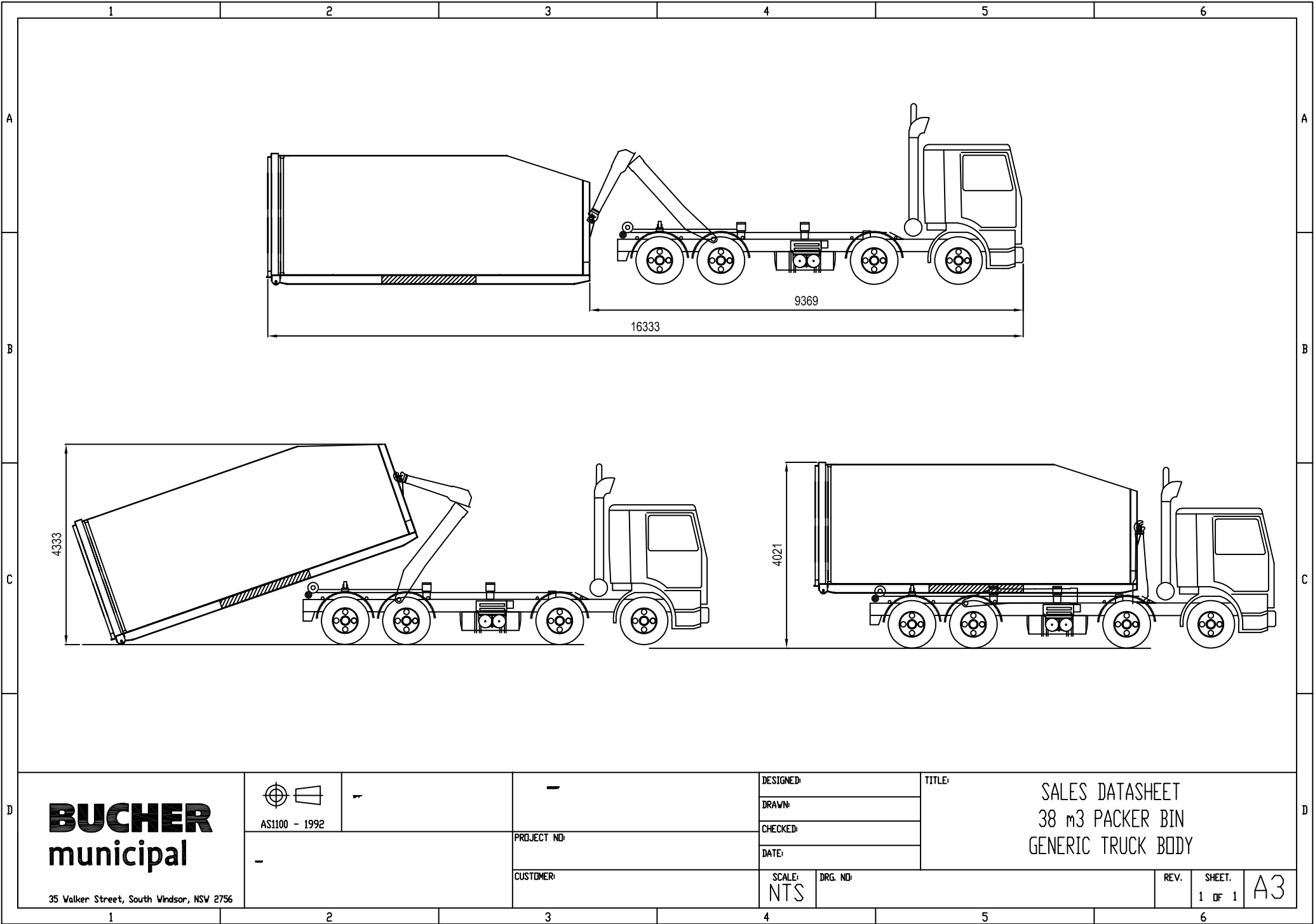
| MATERIALS ON SITE | | DESTINATION | | |
|--|----------------------------------|---|---|--|
| | | REUSE & RECYCLING | | DISPOSAL |
| TYPE OF MATERIAL | ESTIMATED VOLUME (M³/Wt. (t)) | ON-SITE | OFF SITE | |
| | | *specify proposed reuse or on-site recycling methods | * specify contractor and recycling outlet | *specify contractor and landfill site |
| Excavation Material (1600kg/m³) | Nil | | | |
| Green Waste (500kg/m³) | Nil | | | |
| Blocks (1900kg/m³) | TBA | | Recycled where possible Contractor to advise | Contractor to advise. |
| Concrete (2400kg/m³) | TBA | | Recycled where possible Contractor to advise | Contractor to advise. |
| Timber (Doors) (700kg/m³) | TBA | Reuse on site where possible. | Recycled where possible Contractor to advise | Contractor to advise. |
| Plasterboard (Wall lining, Ceiling) (800kg/m³) | TBA | Reuse on site where possible. | Recycled where possible Contractor to advise | Contractor to advise. |
| Metals (Trolley Bay, Battery Recharging Station, Door Frames) (2700kg/m³) | TBA | | Recycled where possible Contractor to advise | Contractor to advise. |
| Glass (2600kg/m³) | Nil | | | |
| Tiles (2500kg/m³) | Nil | | | |

USE AND ONGOING MANAGEMENT

| ISSUE | QUANTITIES | PROPOSED ARRANGEMENTS |
|------------------|--|--|
| Waste Generation | <p>ALDI Food Store</p> <p>Estimated garbage generated per week: 6m³ per week. Estimated additional garbage generated per week - 0.25m³ per week</p> <p>Estimated recycling materials generated per week: Paper/Cardboard: 10m³ Existing – Paper/Cardboard: 10m³ Additional – Paper/Cardboard: 4m³</p> <p>Proposed Number and Capacity of Waste Storage Facilities: Garbage Bins: 1.5m³ x 1 = 1500 litres Compactor for Cardboard/Paper: 19m³</p> | <p>Garbage bins are located adjacent to the loading dock area in a secure store. ALDI engage private contractors and use in house collections for all waste. Additional pick-ups will be arranged if required.</p> <p>A compactor is located within the loading dock, accessible from inside the loading dock. The compactor reduces the cardboard and paper waste volumes. Recyclable materials including plastic and pallets will be removed by ALDI delivery truck drivers daily and returned to the ALDI main distribution centre for recycling.</p> <p>ALDI engage private contractors and use in house collections for all waste. Waste is collected 2/3 times a week depending on requirements.</p> |
| On-site Access | | The location of bin stores and compactor allows ease of pick-up. |
| Design | <p>Mitigation of noise impacts</p> <p>Aesthetic Considerations</p> <p>Light and Ventilation</p> <p>Wash down facilities</p> | <p>Compactor will only operate during the daytime. Garbage/recycle collections occur during normal business/delivery hours.</p> <p>The location of the bin and compactor is within the loading dock and generally not visible from the street.</p> <p>Waste management areas will be suitably lit and ventilated.</p> <p>The bin enclosure will have suitable wash down facilities and will form part of the development maintenance plan.</p> |

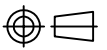
Appendix B





BUCHER
municipal

35 Walker Street, South Windsor, NSW 2756



AS1100 - 1992

PROJECT NO:

CUSTOMER:

DESIGNED:

DRAWN:

CHECKED:

DATE:

SCALE:
NTS

DRG. NO:

TITLE:

SALES DATASHEET
38 m3 PACKER BIN
GENERIC TRUCK BODY

REV.

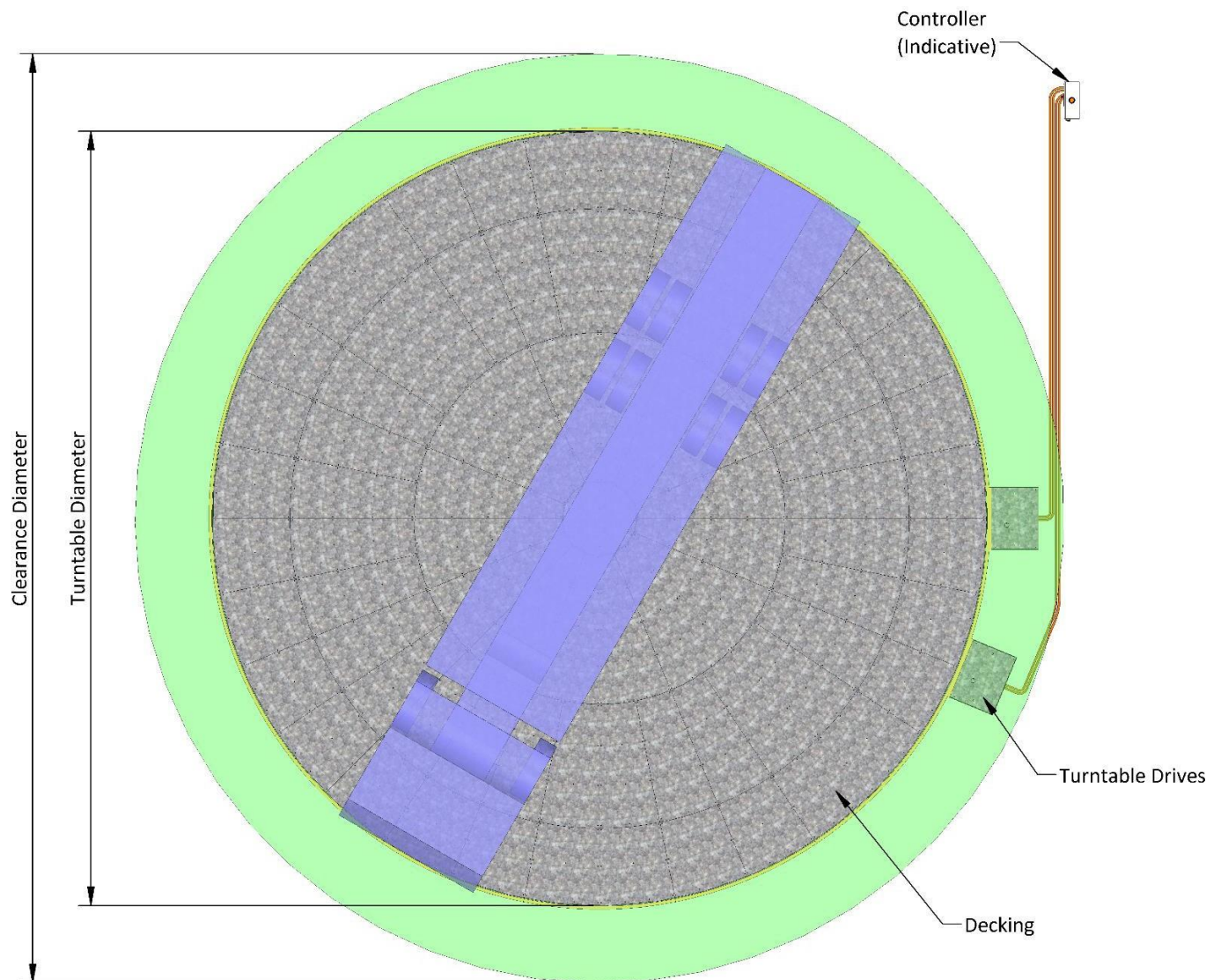
SHEET.
1 OF 1

A3

Appendix C



HTT12.5 to HTT15 - 250 Turntable Specification

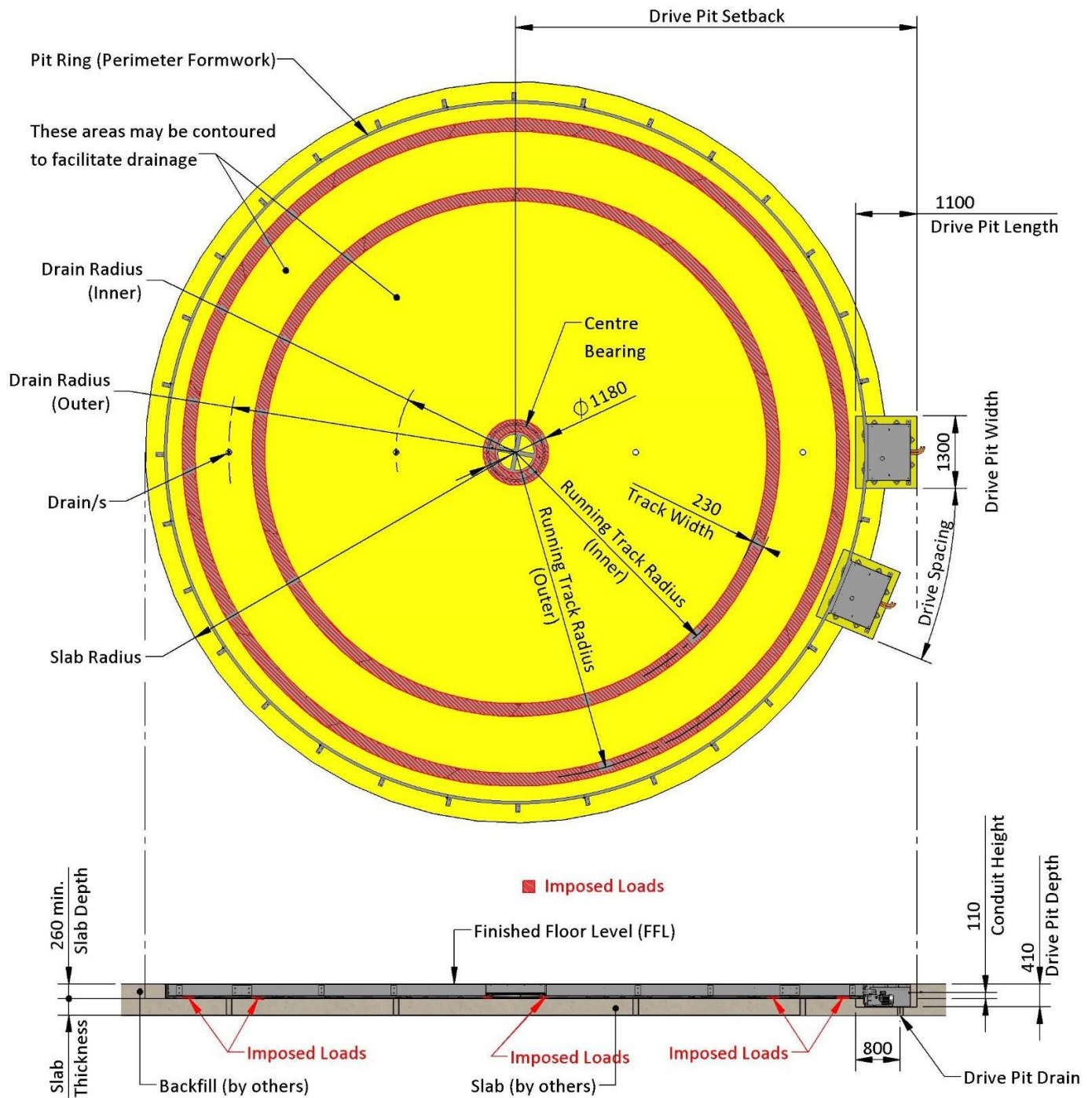


**See Specification table for dimensions*

Turntable Overview

| | |
|---|---|
| Application: | Loading Dock, Garbage collection, suspended slabs |
| Platform Finish: | Hot dipped galvanised chequer plate – 5mm thick |
| Inspection Hatches: | Centre bearing and drive. Decking removable for access to Running Track/Drain |
| Corrosion Protection: | Hot dipped galvanised, zinc coating |
| Drive Mechanism: | Friction wheels driven powered by motor drives |
| Safety system: (Optional extra) | For projects where there is a chance of collision during rotation with people, building or other vehicles/objects ATC can design and supply a system to reduce risk. |
| Vehicle positioning system: (Optional extra) | ATC can design and supply a vehicle guidance and positional parking system to suit specific projects requirements. This system assists the driver in parking in the correct area to reduce chance of collision with people, building or other vehicles/objects. |
| Redundant drive: (Optional extra) | For projects where the turntable is considered critical infrastructure a redundant drive can be included. In cases of motor failure, the affected drive can be disengaged allowing the turntable to continue operation without loss of productivity. |

Turntable Slab



**See Specification table for dimensions*

Slab Overview

1. The turntable slab provides the surface which the turntable is secured to via mechanical fastenings. Nominal 80mm embedment.
2. The slab size is larger than the turntable to accommodate the perimeter formwork and fixtures.
3. The overall size and shape of the slab can be made to suit the installation site provided it can accommodate the minimum required slab sizes as indicated below.
4. Once the turntable has been installed, a concrete backfill is poured up to the Pit Ring (perimeter formwork) to encase the turntable into the finished floor.
5. The imposed loads on the slab are concentrated through the Centre Bearing area and the Running tracks.

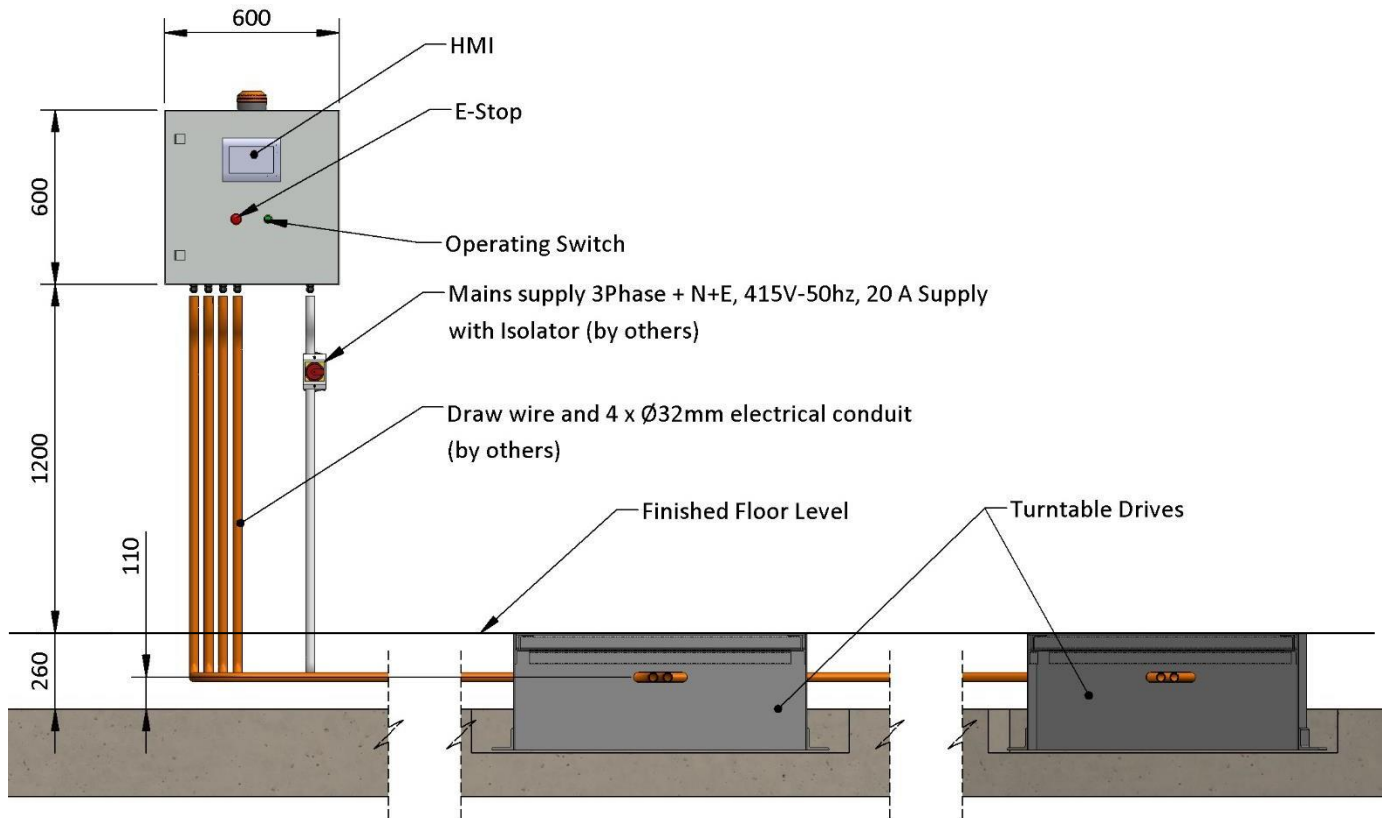
Turntable Specifications

| Model | HTT12.5-250 | HTT15-250 | | |
|--|-------------------------------|-----------|--|--|
| Turntable Diameter (mm) | 12500 | 15000 | | |
| Vehicle length accommodated ⁽¹⁾ | 12500 | 15000 | | |
| Clearance Diameter (mm) ⁽²⁾ | 14500 | 17000 | | |
| Slab Depth (mm) ⁽³⁾ | 260 min. | | | |
| Slab Radius (mm) | 6650 | 7900 | | |
| Drain Radius - Inner (mm) ⁽⁴⁾ | 2500 | 2500 | | |
| Drain Radius - Outer (mm) ⁽⁴⁾ | 5300 | 6000 | | |
| Drive Pit Setback (mm) | 7200 | 8450 | | |
| Drive Pit Width (mm) | 1300 | | | |
| Drive Pit Length (mm) | 1100 | | | |
| Drive Pit Depth (mm) | 400 | | | |
| Drive Spacing (increments of X°) | 22.5 | 20 | | |
| Running Track Radius - Inner (mm) | 4625 | 4625 | | |
| Running Track Radius - Outer (mm) | 5875 | 7125 | | |
| Operating Capacity (kg) | 45000 | | | |
| Operating Speed (Nominal RPM) | 0.4 | 0.3 | | |
| Distributed Load Capacity (kPa) ⁽⁵⁾ | 15 | | | |
| Imposed Load - Centre (kN) ⁽⁶⁾ | 423 | 408 | | |
| Imposed Load – Inner Running Track (kN/m) ⁽⁶⁾ | 28 | 25 | | |
| Imposed Load – Outer Running Track (kN/m) ⁽⁶⁾ | 12 | 25 | | |
| Lateral Force on Centre Bearing ⁽⁷⁾ | 174 | 174 | | |
| Minimum Concrete strength (MPa) ⁽⁸⁾ | 25 | | | |
| Slab Thickness ⁽⁸⁾ | Subject to client engineering | | | |

Notes

- Suggested vehicle length. ATC recommend that vehicles fit entirely on the turntable platform. Longer vehicles accommodated subject to wheelbase and installation location.*
- Suggested clearance diameter based on the nominated vehicle positioned correctly on the turntable. This clearance zone can be reduced when an optional scanner safety system is implemented*
- Slab surface to be steel trowel finished.*
- Recommended drainage location/s shown. Actual drainage requirements specified by the client engineer which may include grease traps or sump pits.*
- Structural load capacity generally in accordance with AS/NZS 1170. Allows for full use of turntable area as a general trafficable area.*
- Imposed loads stated are, un-factored load based on the Distributed Load Capacity plus the turntable dead load.*
- Lateral Force applied based on a vehicle of maximum turntable operating capacity coming to a complete stop on the turntable from a speed of 10km/h over a distance of 1m.*
- Slab thickness and strength is to be specified by the client engineer.*

Electrical & Control



| Feature | |
|---|---|
| Direction of Rotation | Bi-directional |
| Start-up | Soft start/stop, ramp up/ramp down |
| Operation | 'Hold to Run' switch at control box location |
| Safety Inclusions | Emergency stop, isolation switch at control box location |
| Motor Power (kW) | 1.5 x 4 |
| RCD Type Required (by customer) | Compatible with inverters |
| Power Supply Required | AC – 415V 50Hz 32Amps |
| Minimum Wiring Design Standard | AS/NZ 3000 |
| Max. power consumption during operation | 20 amps |
| HMI screen | <ul style="list-style-type: none"> Option for programmable Safe Operation Procedure or Safe Work Practices (SOP/SWP) Advanced trouble shooting and fault finding Simple integration with guidance and area scanner options |
| Enclosure | Lockable, IP66 rated |
| Operator safety (recommendations) | <ul style="list-style-type: none"> Controller location should be chosen to ensure that the operator is in a safe position when operating the turntable. This includes doorways and other trafficable areas. Consider elemental protection for operator in outdoor installations |