

INTEGRITY EDGE

Quality Assurance Programme

PLUMBER:

SITE ADDRESS:

OHS

- New contractors to complete TAC before commencement of work www.integritynewhomes.com.au/tradecontractorlogin
 - Provide project manager with SWMS (where required) and general induction numbers.
 - Ensure that you carry an Australian Standard Compliant, First Aid Kit in your vehicle at all times when on an Integrity site – this kit should be construction site & employee number appropriate.
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IMPORTANT PLUMBING AND DRAINAGE NOTES/DETAILS

There are nine (9) pages of attached plumbing and drainage notes, plans and summaries which form part of the Integrity Edge Plumber requirements and are referred to by page number and title (stated in Job Address title box) where relevant within the text below. These requirements must be complied with where applicable for any job.

UNDERSLAB PLUMBING & DRAINAGE

- Check measure all survey points.
- All service trenches to be outside the zone of influence referred to on slab engineering. If not possible advise Project Manager.

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- Please go to the relevant Council and amend Council records to your name, on any job you have commenced.
 - Provide floor waste to all wet areas including powder rooms with vanities and tiled laundries, but excluding separate wc's without basins/vanities.
 - If trenching is required (by others) after the drainage work is complete, expose the pipes. Your drainage could be damaged if not visible.
 - Ensure stormwater cut into curb or pit.
 - Position overflow gullies under external taps.
 - Comply with "Plumbing and Drainage Summary" information page 2/9 of attached plans and details for soil type/drainage grade guide (for sites, A, S, M, H1, H2, E, P and P2).
 - Comply with "General Plumbing and Drainage Detail" information page 9/9 of attached plans details.
 - Where Polyvoid slabs are specified comply with "Plumbing and Drainage Details Polyvoid Slabs" information page 7/9 of attached plans and details.
 - For Highly Reactive (H) Sites provide overflow gullies under all external taps.
 - For Moderately (M), Highly (H) & Extremely (E) reactive sites:
 1. The base of trenches shall be sloped away from the building.
 2. Trenches shall be backfilled with clay in the top 300mm within 1.5m of the building. The clay used for backfilling shall be compacted.
 3. Where pipes pass under the footing system, the trench shall be backfilled full depth with clay. Alternatively, a plastic membrane across the cross-section of the trench, taped to the pipe and keyed into the sides and base of the trench may be used.
 4. Comply with "Plumbing and Drainage Notes RE: AS2870-2011" information page 1/9 of attached plans and details.

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5. Comply with "Plumbing and Drainage Details Strip Footing/Pads, Slab on Ground, Waffle for M and M-D" information page 5/9 of attached plans and details.

For Highly (H) & Extremely (E) reactive sites:

1. All horizontal penetrations of the edge beam or footings by stormwater or sanitary drain pipe shall be lagged using closed-cell polyethylene lagging.
2. The lagging shall be 20mm thick on class H1 sites and 40mm thick on class H2 and class E sites. (Vertical penetrations do not require lagging.) Sleeves allowing equivalent movements may be used as an alternative to the lagging.
3. All drains/pipes emerging from under the building shall incorporate flexible joints within 1m of the edge of the building to accommodate a total range of differential movement in any direction equal to 40-60mm (H1), 60-75mm (H2) & 75mm+ (E).
4. Comply with "Plumbing and Drainage Details Strip Footing/Pads for P, Land Slip or Creep" information page 3/9 of attached plans and details.
5. Comply with "Plumbing and Drainage Details Strip Footing/Pads for H1-D, H2-E, H2-D, E-D" information page 4/9 of attached plans and details.
6. Comply with "Plumbing and Drainage Details Slab on Ground or Waffle for H1 & H1-D, H2-E, H2-D, E-D, P-D" information page 6/9 of attached plans and details.

ROUGH-IN

- Flanges for wastes on timber floors to be routed flush with surface.
- Laundry tub 410mm to the centre if adjacent to sliding glass door (100mm gap at side).
- All washing machine connections to be under laundry tub.
- All bath tubs that are not pressed steel to be supported under by plumber.

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- Fit cover plates over cut outs in kitchen and vanities shelves.
 - Rehaus piping system (or equivalent) to be used for all water and gas installations.
 - Check orders for applicable HWS if gas instantaneous recess boxes need to be installed prior to external cladding, if heat pump ensure inlet outlet pipes are in correct location for model of HWS.
 - When installing multilayer gas piping and the main run exceeds 10m in length and is connected to more than one appliance, a Reversion Fitting or a standard annealed copper tube shall be provided in an accessible location.
 - Jointing of gas piping with compression, flare, and screwed fittings or unions shall only be in an accessible and ventilated location.
 - A gas connection point/ bayonet fitting is to be located to avoid traffic across the hose and **at least 1m from a doorway** (internal or external).
 - Gas pipe sizing needs to be determined job by job with reference to the appliance manufacturers technical manual and AS 5601.1.
 - Install roof flashing of penetrations before sheeting.
 - Rough-in blanking spindles used must accept waterproof flange to be fitted by waterproofer.
 - Down pipes to be installed as per the roof drainage design (including location and qty).
 - Comply with "Down Pipe/Stormwater Details in Reactive Sites for H1, H1-D, H2-E, H2-D, E-D, P-D" information page 8/9 of attached plans and details.
 - Please clean out job and sweep where necessary before leaving or back charges will follow from the next trade or the Project Manager.

FIT-OFF

- Run all taps for 5-10 minutes to confirm drainage is operative with no blockages.
- Confirm tempering valves are suitable for HWS (if applicable).

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- Ensure copper or brass olives (not nylon) & copper pipe used on flow and return to solar panels. (if applicable)

 - Chrome tube to be used on inlet to cisterns (no flexible connections).
 - Replace all shelving under vanities and kitchens that have been removed to connect drainage.

 - Ensure all access holes are cut for dishwasher connections and washing machine connections as required.

 - Install an identification tag adjacent to the gas meter or LPG tanks indicating the make or trade name of the gas piping system used.

 - It is the plumber's responsibility to commission the hot water system and the rainwater pump system to ensure correct operation prior to leaving site. This may mean another visit to site to check appliances operating correctly.

 - Record the serial number of the HWS here _____.
 - Water filter to be installed horizontally above melamine shelf in kitchen in accordance with suppliers details.

 - Provide copies of all paperwork relating to council inspections and the dates of inspection plus stormwater and sewer diagram at the end of the job.

 - Cut off yard drainage points to a maximum height which will allow landscaping to fall 50mm per 1 meter away from the building and water to enter the drain (drain point not to be left higher than this).**

 - Provide certificate confirming the hot water tempering valve has been installed in accordance with the Australian standard.

 - Ensure when you leave, the house is secure. If not, you will be liable for theft and any damage that may be caused.

 - Complete and sign Integrity Edge and submit with invoice at end of job.

Date:

Signature: _____

Date: _____

Print Name: _____

Invoice No: _____