INTEGRITY EDGE

Quality Assurance Programme

CONCRETOR (PATHS AND DRIVEWAYS):

SITE ADDRESS AND/OR JOB NUMBER:

Please only tick items actually undertaken, if it does not apply leave blank.

OHS

☐ New contractors to complete TAC before commencement of work www.integritynewhomes.com.au/tradecontractorlogin
The link above will take you to a landing page, select the correct franchisee, complete, sign and return the documents to the office referenced within. If you choose the wrong franchisee, you will download the wrong agreement and then you will have to do it again.

☐ Leave your purpose written SWMS in the plumbing tube on the front security fencing, or provide to the Project Manager (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.

☐ At the end of the day ensure all piers which are not yet are covered with steel mesh of sufficient grade to carry the weight of an adult male. All trenches left open at the completion of the day are to be marked with safety tape.

BEFORE POUR

- ☐ Compare architectural plan site and Engineering – discuss any discrepancies with Project Manager including any deepened edge beams.

- ☐ Review site constraints (specifically narrow boundary access) – discuss with Project Manager.

- ☐ If driveway is steep and setout difficult, request surveyor to assist with establishing accurate driveway gradient profile.

- ☐ Confirm correct materials have been delivered. I.e. correct mesh size, crack control height/type and dowels. Notify the Project Manager if there is a discrepancy so that the supplier can be back-charged.

- ☐ Confirm finished height of concrete will not:
  1. Be above the finished level allowed in the NCC relative to the finished floor level; or
  2. Conceal any subfloor ventilation holes or weepholes; or
  3. Restrict any termite barrier inspection zones.

  Under no circumstances are you to pour without knowing the results of the inspection and confirming it has been approved by the Engineer.

- ☐ Remove all topsoil containing roots and grass and level the subgrade.

- ☐ Ensure the minimum grade (or cross fall) for drainage of the surface is 1 in 40 (or 25mm per meter).

- ☐ Ensure concrete edges exposed to erosion and undermining from stormwater are protected by appropriate deepening of the concrete edge.

- ☐ Ensure service trenches and isolated hollows are backfilled by compacting in layers of not more than 100mm in depth. Clay soils need to be moist for optimum compaction.

- ☐ On H or E soils a minimum 100mm thick layer of crusher dust, roadbase or similar is to be placed and compacted under the concrete.

- [ ] Ensure termite barriers are in place for perimeters and driveway abutments. Flick Anticimex is the preferred supplier. They are a franchise business of sorts so ask your Project Manager for their phone number and save it for future jobs.

DURING POUR

- [ ] Ensure correct grade of concrete is ordered. It should be N25 ordinarily or N32 in locations subject to freezing conditions. Refer to the Engineering and the Works Order.
- [ ] Ensure control and crack joints are placed in accordance with the Engineer's design. Where no Engineer's design is provided place in accordance with the included *typical joint layout*.
- [ ] No water is to be added to the concrete on site under any circumstances!
- [ ] Ensure concrete is mechanically vibrated.
- [ ] Ensure correct cover to reinforcing is maintained. Minimum is 30mm cover to the top.

AFTER POUR

- [ ] In temperatures above 30^0C an evaporation retarder such as aliphatic alcohol is to be applied immediately after screeding.
- [ ] Remove all pegs. Do not drive into the ground!
- [ ] Check concrete quantity actually used compared with Works Order, record discrepancies.
- [ ] Remove any excess soil from the street.
- [ ] Curing agent to be applied as soon as possible after finishing and extend for a minimum of 3 days.
- [ ] Complete and sign Integrity Edge (signature section immediately below this item) and submit with Invoice. You will not be paid if you have not returned this document completed, dated and signed.

Signature: _____ Date: _____

Print Name: _____ Invoice No: _____

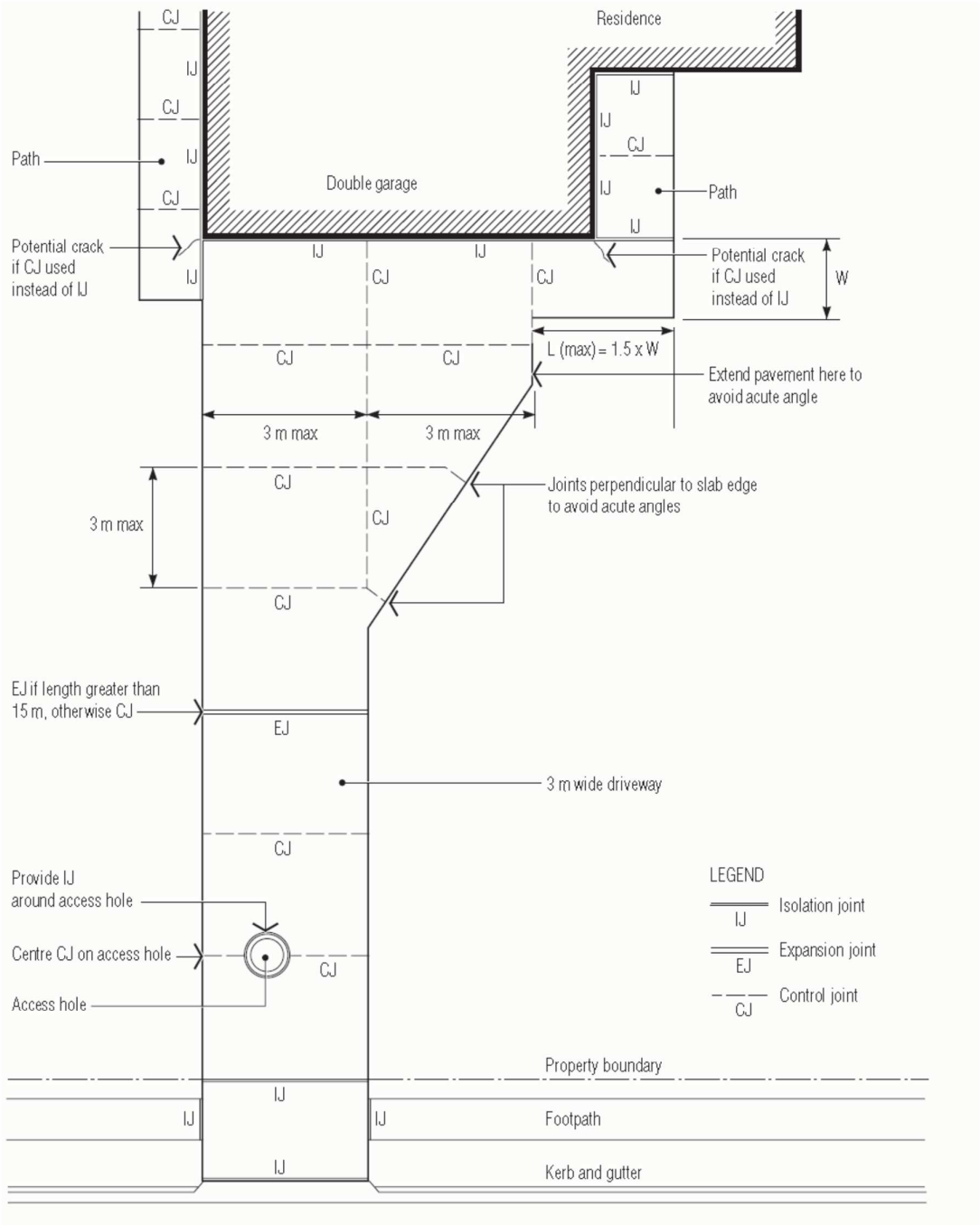
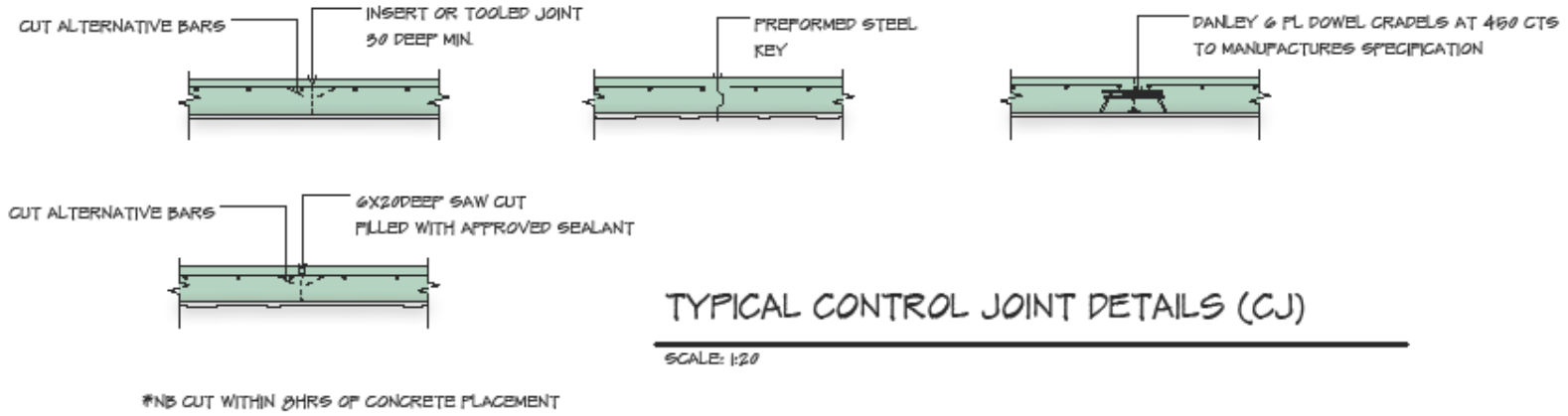


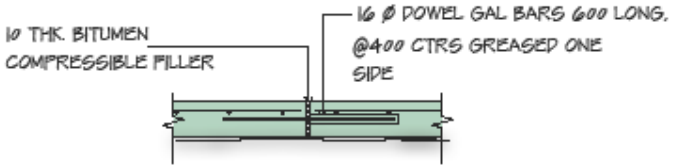
Figure 6.15 Typical joint layout



TYPICAL CONTROL JOINT DETAILS (CJ)

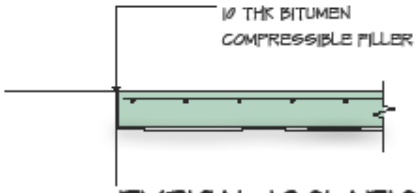
SCALE: 1:20

*NB CUT WITHIN 8HRS OF CONCRETE PLACEMENT



TYPICAL EXPANSION JOINT (EJ)

SCALE: 1:20



TYPICAL ISOLATION JOINT (IJ)

SCALE: 1:20

SITE CLASSIFICATION	REINFORCEMENT	SLAB THIKNESS
S	SL 62	100
M	SL 72	100
H1	SL 82	120
H2	SL 92	130
E	SL 92	130