



HILL / SLOPE IN-GROUND INSTALLATION GUIDE

Congratulations on your new in-ground trampoline!

Here's a quick step-by-step guide to help you get a level, secure install even when working on a sloped block.

Experience, soil and labouring are all factors in getting the job done. The usual process takes **3 days**, however work to your own capabilities and if you are ever stuck don't hesitate to call us for clarification:

1300 631 130

Please note: installation can vary from job to job. Planning diagrams, the size table and the full construction drawings are included at the back of this guide.

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Premium Bounce. Ultimate Flight.

DAY ONE:

Set up and level the frame

- 1 **Bolt all the frame ends together**, making sure everything is level and squared off before tightening completely.
- 2 Mark out where each leg will sit and dig the footings. Legs are **600 mm** — dig to **750–800 mm** so they sit fully in the ground.



Bolt and square the frame first, then use it to mark each footing.



Dig each leg footing 750–800 mm deep.

- 3 Because you're building on a slope, **prop the frame level with timber blocks** before cementing the legs in. The downhill legs will sit proud of the ground for now — that's expected. Once the frame is level and you're happy with the position, fill each leg footing with concrete mix. **Every leg must be concreted 750–800 mm into the original, undisturbed ground — never into fill.** On a steep block the downhill legs may need to be longer, or the trampoline cut further into the hill so the standard legs reach — see *The pit on a slope* at the back, and call us on **1300 631 130** before you concrete.



Frame set level across the slope — the low side is propped until the concrete sets.



Each leg cemented into its footing with the frame held level.

NICE WORK — DAY 1 IS COMPLETE!

Allow the concrete to set before commencing Day 2.

DAY TWO:

Excavate the pit and build the retaining wall

- 4 **It's excavation day.** Start digging out your pit at one end and work your way back, using the excavated soil to **build up the surrounding ground** on the low side of the frame until the ground meets the frame all the way round.
- 5 Build a **timber retaining wall** around the entire frame to stop soil, sand and clay collapsing into the pit as you build up around it.



Excavating the pit, with the frame in place as the guide.



Sleeper retaining wall built hard against the frame to hold the built-up soil.



Working back from one end; spoil goes to the low side.



Pit excavated and the surrounding ground built up level with the frame.

Note: the pit is dug to the same depth and shape as a level-ground install — **1200 mm** minimum, walls sloped in, base falling to the pump or drain. See the *Pit section* diagram and drawing IG-05 at the back of this guide before you dig.

DAY TWO, CONTINUED:

Plan drainage and render the pit

- 6 Before lining the pit, **plan your drainage**. Natural drainage — a PVC pipe redirecting water to a lower point in the garden — is the simplest option, and a sloping block often makes it easy. Alternatively, install a float pump, which needs mains power and must be fitted off by a **qualified electrician**.
- 7 Once you're happy with the drainage (and have dug a hole for the pump and fittings if required), lay chicken wire over the walls and line the pit with **40–50 mm of concrete render**.



Rendering the pit walls over chicken wire.



Finishing the render coat — the base falls gently to the drain.

Tip: rendering the pit isn't compulsory, but it keeps weeds, roots and mini eco-systems from growing under the trampoline, cuts down on pit cleans, and gives a clean, professional finish.

DAY THREE:

Fit the mat, springs and rubber surround

- 8 Let the render set overnight before attaching the mat and springs. Fit them following the **Mat Installation Guide** for spring placement.
- 9 Lay the rubber surround on and screw it directly into the frame. We normally lay the long sides first, then the short ends over the top. Screw the **corners first**, then follow the **Rubber Installation Guide** for the correct placement of every screw.



Finished pit, ready for the mat and springs.



Finished trampoline, level and flush with the built-up lawn.

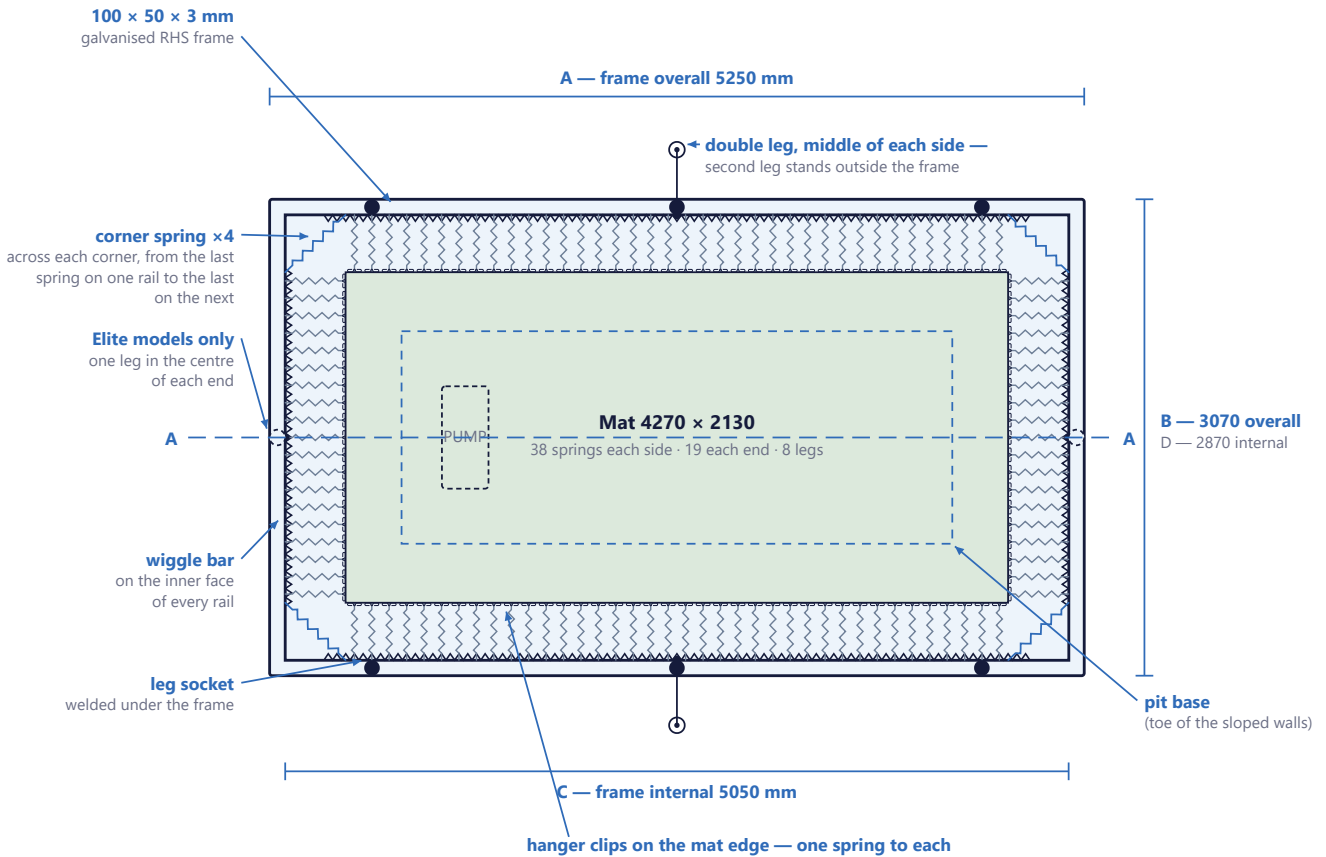
CONGRATULATIONS AND WELL DONE — YOU ARE DONE!

Jump safe, have fun, and enjoy the memories for years to come. For any questions along the way, call us on **1300 631 130**.

SIZES AND LAYOUT

Plan view — what to mark out before you dig

Simplified for planning. A sloped-site install uses the same trampoline and the same pit as a level install; only the ground around it changes. The engineering construction drawings follow at the back of this guide.



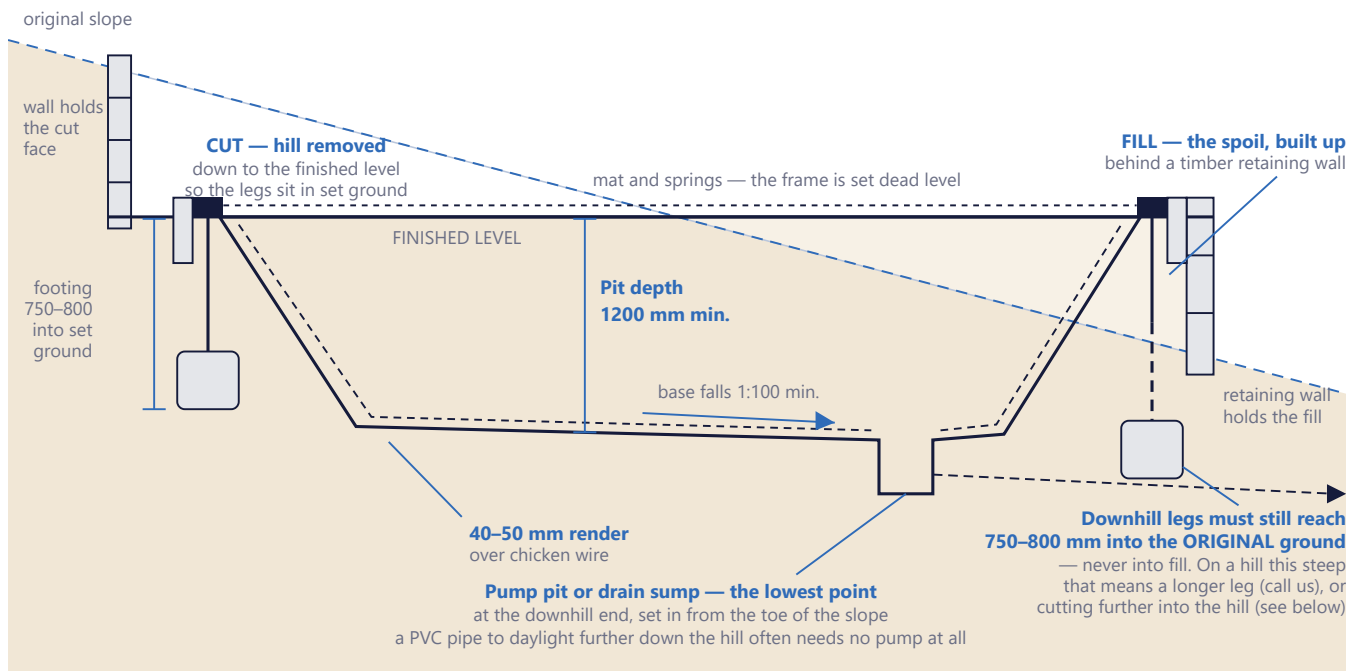
Drawn to scale as an **Olympic Elite** — the table below gives the numbers for your model. The frame is **100 x 50 x 3 mm** galvanised RHS. A **wiggle bar** runs along the inner face of every rail; every spring hooks from a **hanger clip** on the mat edge into the bar, and four extra **corner springs** run across the corners, from the last spring on one rail to the last on the next. Family and Olympic have **six legs** — three along each side. Family Elite and Olympic Elite have **eight**: one more in the centre of each end (shown dashed). The middle leg of each side is a **double leg** — the pair runs across the rail, one leg into the socket under the frame and the second outside it, capped flush with the ground; see drawing IG-05 at the back. A-A is the section on the next page.

MODEL	MAT	A x B FRAME OVERALL	C x D FRAME INTERNAL	SPRINGS (SIDE x END)
Family	3660 x 1830	4625 x 2820	4425 x 2620	32 x 17
Olympic	4270 x 1830	5250 x 2820	5050 x 2620	38 x 17
Family Elite	3660 x 2130	4625 x 3070	4425 x 2870	32 x 19
Olympic Elite	4270 x 2130	5250 x 3070	5050 x 2870	38 x 19

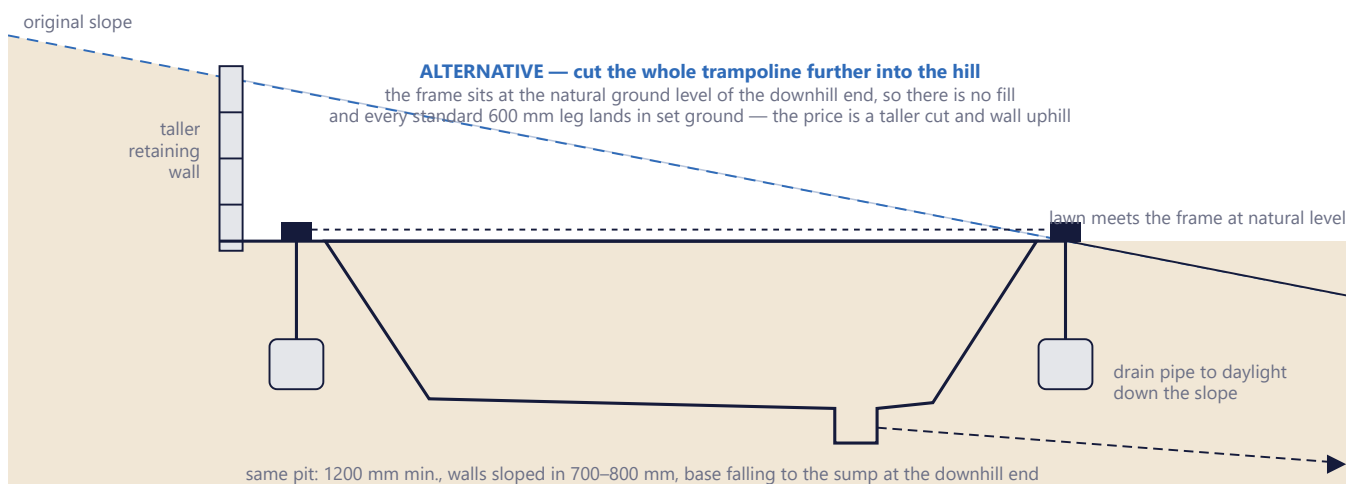
All dimensions in millimetres. Frame overall dimensions are always quoted for the individual size; internal dimensions allow for the 100 mm frame section on each side. Four corner springs supplied with the rubber surround are additional to the counts shown.

THE PIT ON A SLOPE

Section A-A along the trampoline — cut into the hill, built up on the low side



Section A-A along the trampoline on a steep block. The frame is set dead level; the hill is cut down to meet it on the uphill end and the spoil is built up behind a retaining wall on the downhill end. Every leg must be concreted into the original, undisturbed ground — the fill cannot hold a leg.



The alternative: cut in further and skip the fill. More digging uphill, but the standard legs reach set ground everywhere.

Level

the frame is set dead level first; the hill is cut and filled to meet it, not the other way round

750–800 mm

every leg concreted into the original, undisturbed ground — never into fill. Longer legs or a deeper cut on a steep block: call us

Use the natural fall of the block for drainage where you can: a PVC pipe from the pit base to a lower point in the garden. A float pump must be wired by a qualified electrician.

APPENDIX

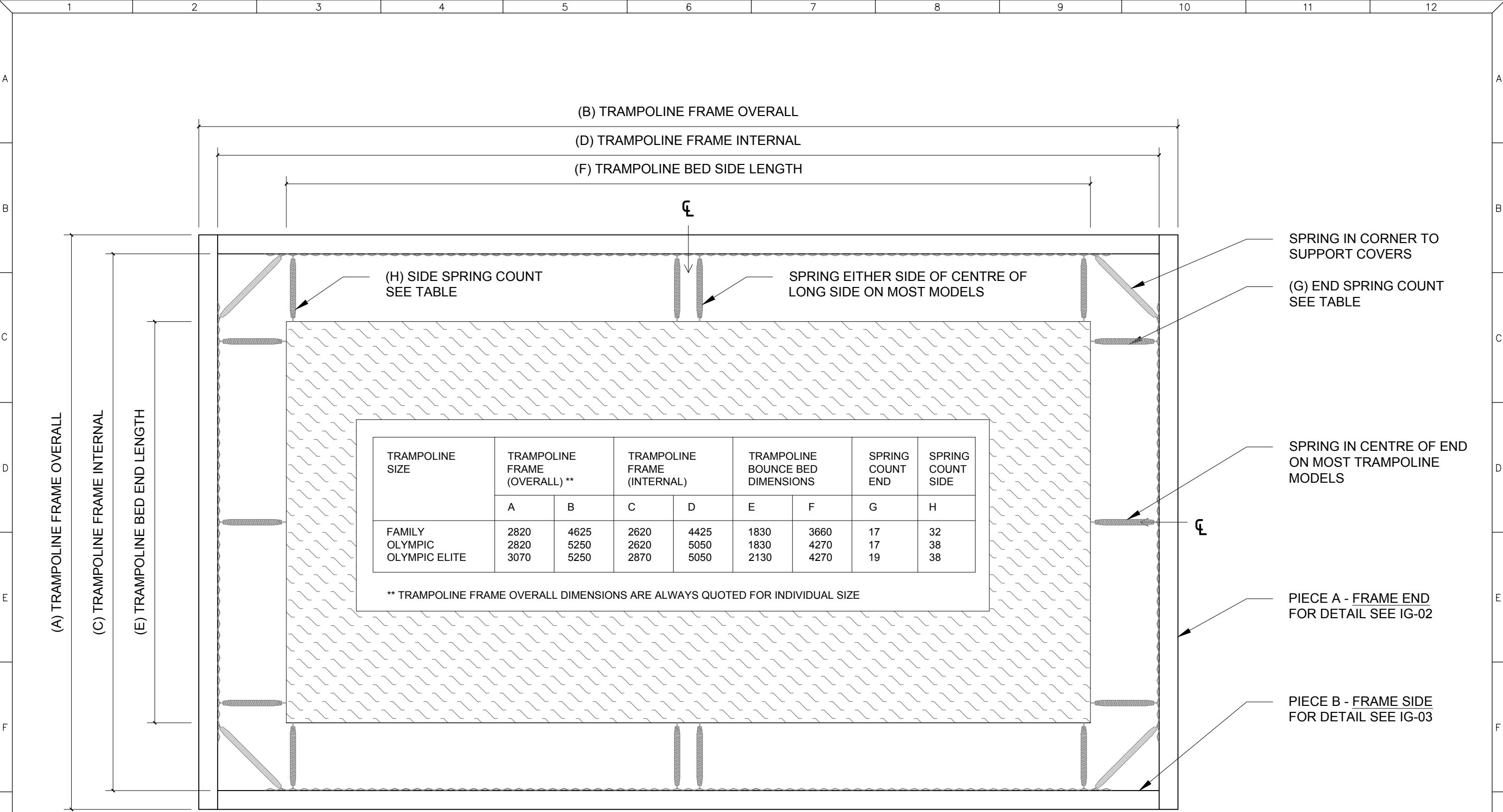
CONSTRUCTION DRAWINGS

The engineering sheets, as drawn

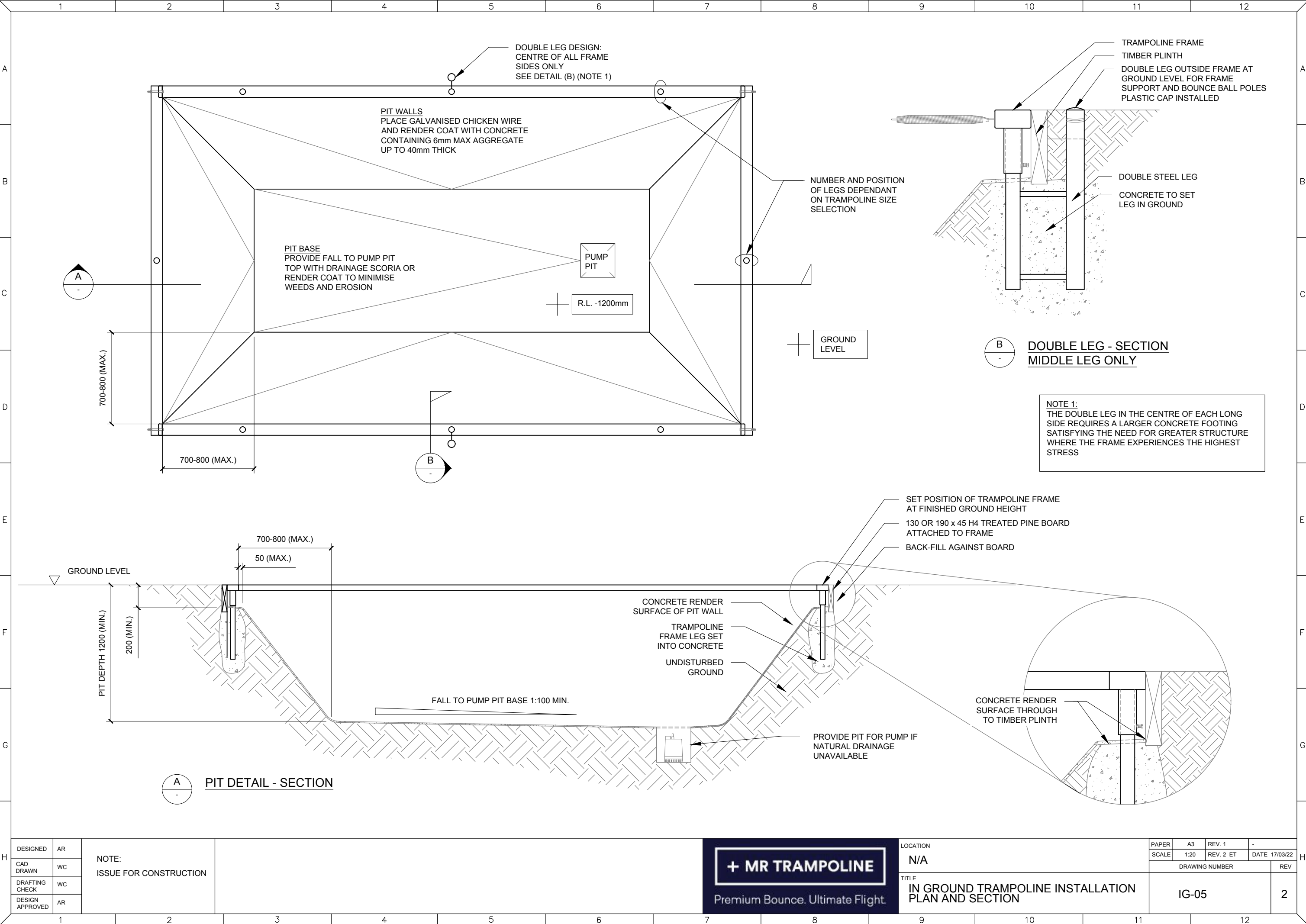
The pages that follow are Mr Trampoline's engineering drawings for the in-ground range, reproduced at their original A3 landscape size so every dimension is legible. A sloped site uses the same sheets as a level one. Turn the page sideways or print these sheets on A3. They are the sheets a builder, landscaper or engineer will ask for.

- **IG-01** — In-ground trampoline size range, plan view
- **IG-05** — In-ground trampoline installation, plan and section (pit detail and double-leg footing)

Anything you cannot find on these sheets — a bespoke size, a steep or terraced site, unusual soil — call us on 1300 631 130 and we will talk it through with you.



IN GROUND TRAMPOLINE - PLAN VIEW
SCALE 1:20 @A3



DESIGNED	AR
CAD DRAWN	WC
DRAFTING CHECK	WC
DESIGN APPROVED	AR

NOTE:
ISSUE FOR CONSTRUCTION

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LOCATION	N/A
TITLE	IN GROUND TRAMPOLINE INSTALLATION PLAN AND SECTION

PAPER	A3	REV. 1	-
SCALE	1:20	REV. 2 ET	DATE 17/03/22
DRAWING NUMBER			REV
IG-05			2