

What you require

For height adjustment

45mm Spanner/Shifter

Screw On connectors

3/8" Tek Driver, Drill, 4 x 12 Gauge Tek Screws ea.

Weld On connectors

Welding Equipment, Appropriate PPE

Anchoring the stump

Masonry drill bit, 18mm Spanner/Shifter, Chemical Anchors

Different anchor specifications may require different sizes/items, as per project engineer.

Assembling Stumps

Firstly you will need to cut the SHS 100mm less than the overall height *see figure 1*. This is to give room for LevelMasters adjustable tops and bases.

Leaving you with roughly 30mm of exposed thread at the top. The SHS must be cut square for even load distribution through the adjustable connector.

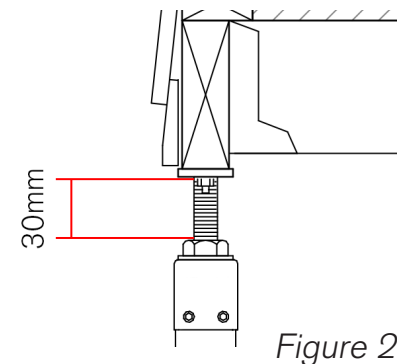
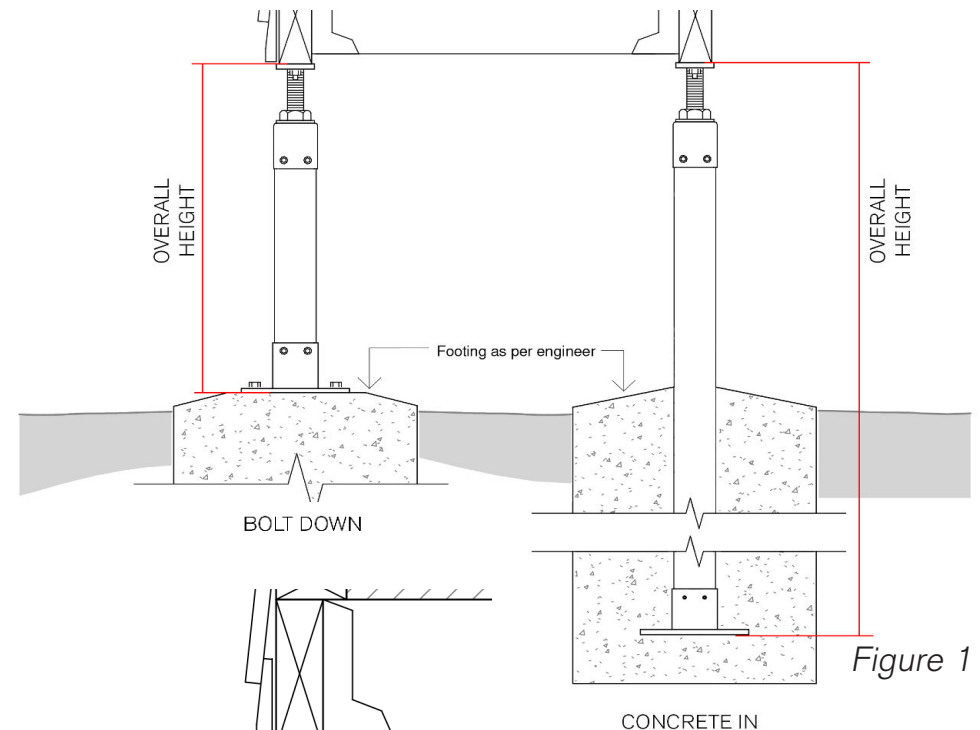
We advise leaving roughly 30mm of exposed thread *see figure 2* so the top can be lowered if there is swelling in the ground.

After cutting the SHS spray the cut/end with 2 coats of cold gal spray to help with corrosion protection.

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Pre-Assembled Stumps

LevelMaster stumps are supplied either loose or assembled, if you purchased assembled stumps proceed to page 2.



Slide the LevelMaster components onto the SHS until the plate hits the SHS. This is so the load force from the building is transferred to the SHS and not to the tek screws. Use a rubber mallet to tap the sleeve down if tight. Fix both the adjustable connector and baseplate with 4 x tek screws *min. Class 4, 12 Gauge 24 TPI self drilling*.

Once your stumps are assembled, wind your LevelMaster top into the connector until you have roughly 30mm of exposed thread.

Installing your stumps can be done either from attaching the top to the bearer first or bolting down your base/casting in your stump first. This is up to the individual customers preference or circumstances but the most important thing is to have the stump as centrally located underneath the bearer as possible.

LevelMaster stumps should be bolted down with M12x160mm chemical anchors or as specified by the project engineer. The engineer will need to specify the bearer connection details. If the stump is to be concreted in, then the bored pier depth, width and how far the stump sits in the concrete will need to be specified by the project engineer.

Once your stumps are installed, easily adjust each one with a 46mm spanner/shifter until your floor is perfectly level.

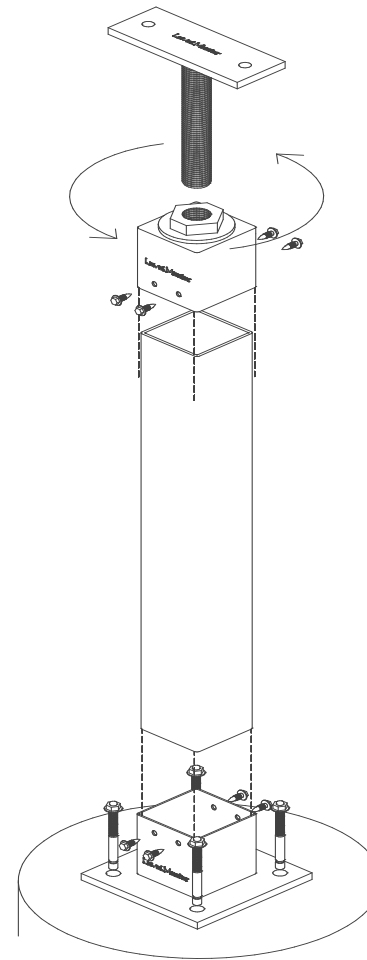
Welding Stumps

If the components are to be welded onto the SHS, then all welds need to be continuous full penetration 6mm butt weld.

All welds need to be performed by a qualified welder in accordance with AS1554.1

After welding coat the weld with 2 coats of cold gal spray

LevelMaster can fully weld your stumps, including organising hot dipped galvanising post-welding. For pricing contact sales@levelmaster.com.au



Statement Of Warranty

All LevelMaster products are manufactured to the highest standards as outlined on our technical drawings. All LevelMaster components are hot dipped galvanised with a minimum thickness of 600g/m² *equivalent to 84µm thickness*. Design life is 50 years with all LevelMaster products being installed above ground *unless encased in concrete* and not covered in water. Products also need to be accessible for maintenance and periodic corrosion checks *LevelMaster recommends checks every 12 months*.

Our product is warranted against defects in materials and workmanship for 10 years from the date of original purchase.* This warranty does not cover damage caused by improper installation, misuse, accident, or unauthorized modifications.

All components must be installed in accordance with our installation guidelines by a qualified contractor** and are warranted under corrosion category C1-C4 as defined in ASA4312. Guidelines can be found on our website www.levelmaster.com.au

Warranty conditions apply to first-time installations only and do not apply to used or reinstalled components. These are in addition to your Consumer Rights and Guarantees under Australian law.

MATERIALS QUALITY NOTES*	
ALL LEVEL MASTER'S STEEL MATERIALS SHOWN IN THIS DRAWING TO BE G350 (U.N.O.).	
ALL LEVEL MASTER'S STEEL MATERIALS SHOWN IN THIS DRAWING TO BE HOT GALVANIZED WITH THE THICKNESS OF (MIN.) 600g/m ² . (EQUIVALENT TO 84µm THICKNESS)	
DESIGN LIFE	50 YEARS
CONDITIONS	C1 - C4 CORROSION CATEGORY AS DEFINED IN AS4312
ALL HOUSE STUMP SERIES PRODUCTS TO BE USED ABOVE GROUND AND NOT COVERED IN WATER.	
ALL HOUSE STUMP SERIES PRODUCTS ARE TO BE ACCESSIBLE FOR PERIODIC CORROSION CHECKS AND MAINTENANCE.	

*CERTIFICATES PROVIDED BY THE MANUFACTURER.

**Please note LevelMaster also sells 3rd party products such as steel hollow section, stair treads and fixings. All these products are manufactured to the appropriate Australian standards. The OEM of these products are responsible for the manufacturing quality and warranty of these products. LevelMaster will work with our customers if any warranty claims are raised for these products.*

***Please check with your local state building authority as variations may exist on project authority levels.*