



MAGNIFICA®

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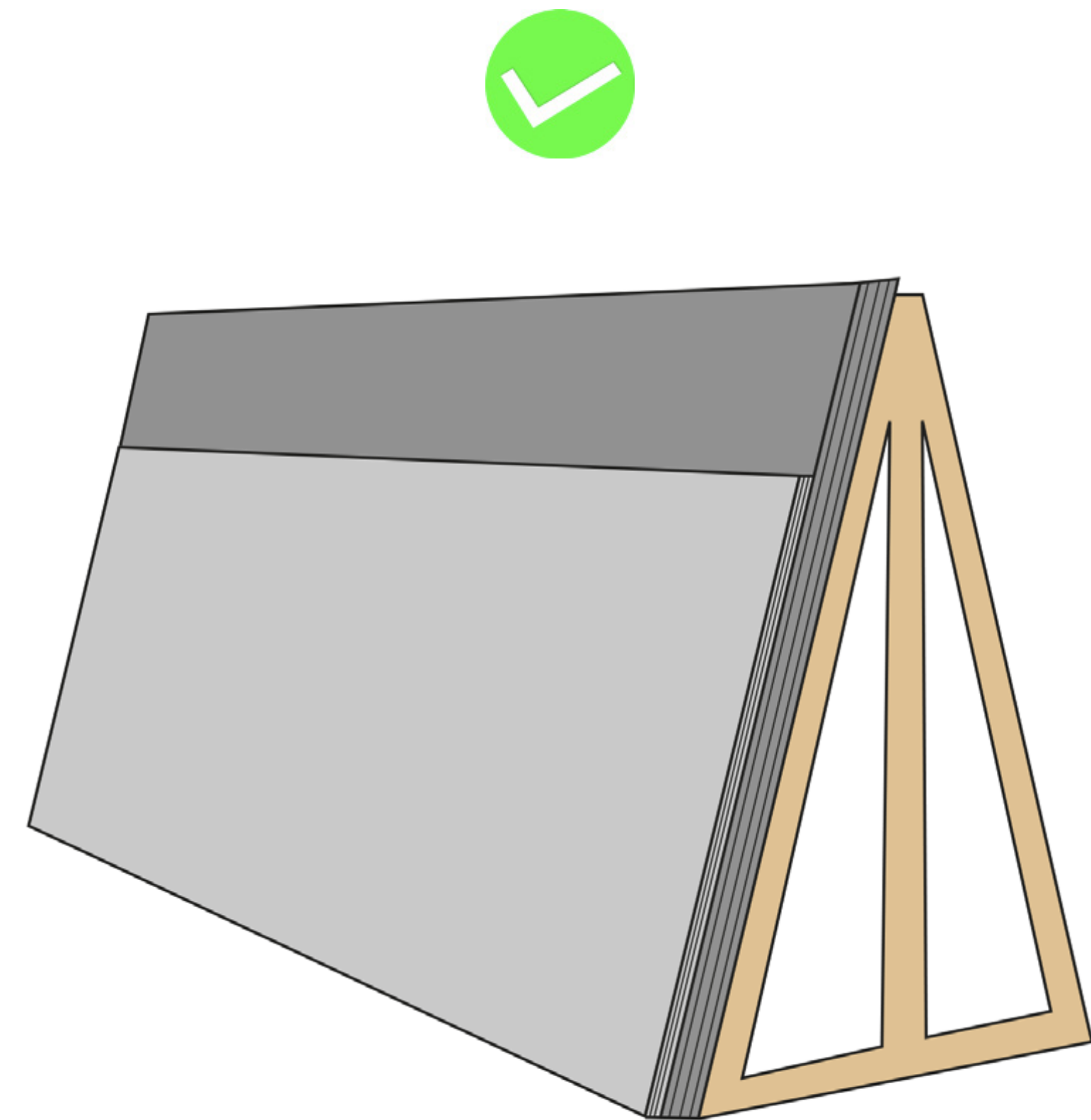
Unique Applications

- Counters, Floors, Walls, Shower Walls, Lids, Table Tops, Benches, Fireplace Surrounds, BBQ's, everywhere!
- Exterior Walls, Façades, Floors (Honed), and Counter Tops
- UV Stable – Use Outdoors
- Furniture Facings
- Integral Sinks
- Freeze – Thaw Stable
(Use in Extreme Conditions)



Storage

- When storing vertically, use a secure A-Frame that is anchored firmly to the ground.
- We recommend using a backer slab or other full coverage support, to provide additional support and stability.
- Magnifica can be stored outside.
- Avoid storing slabs in pole racks. Only store on secure A-Frames with proper backing that supports the entire slab.
- Magnifica slabs should never come in direct contact with metal on A-Frames or any storage equipment. Use wood, plastic, or rubber as a barrier to avoid coming in direct contact with any metal.



Pre-Fabrication Inspection

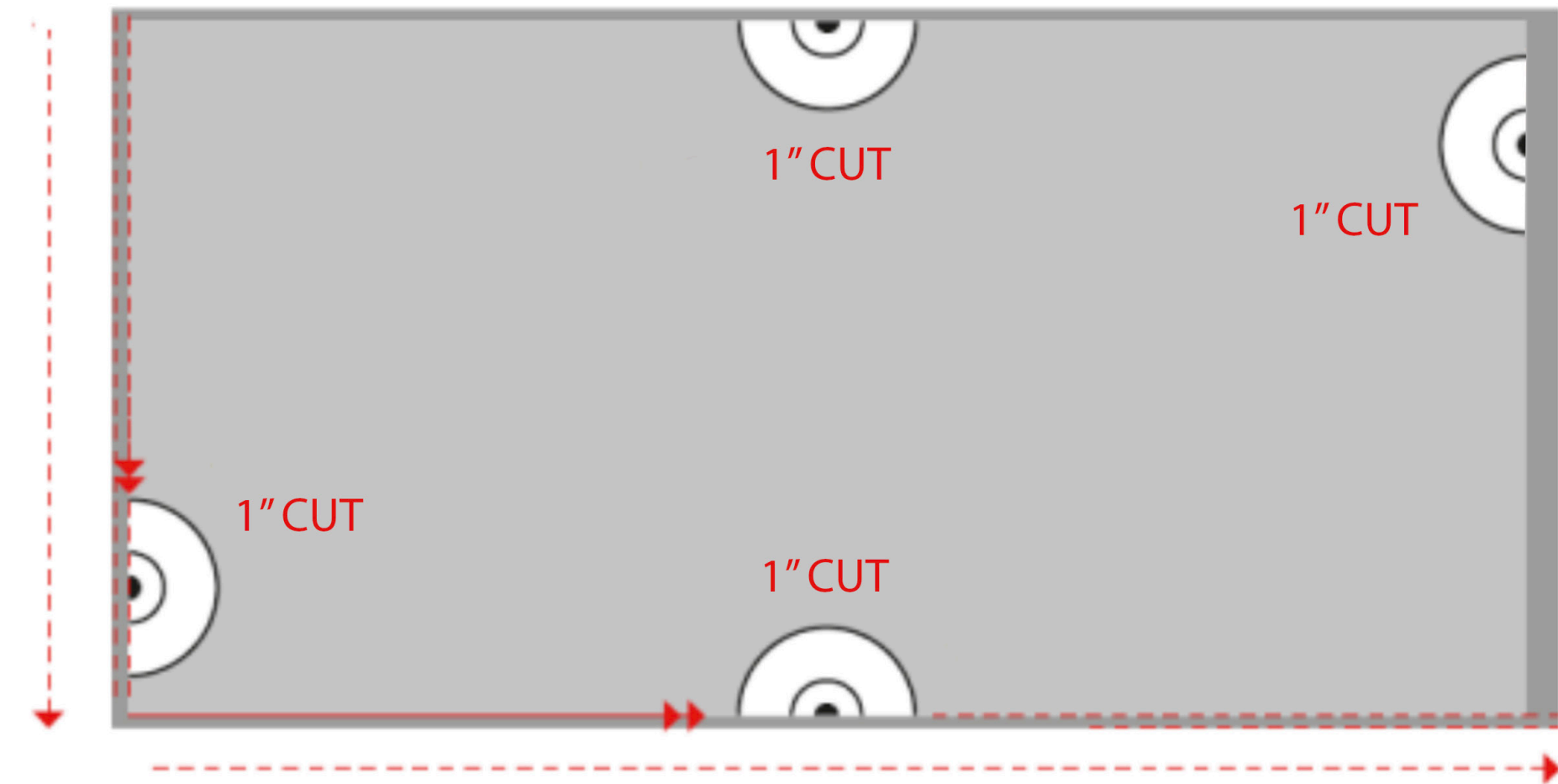
Prior to fabrication, closely examine the material for any flaws. If any imperfections are found, do not cut or fabricate the slab.

- Addressing any concerns beforehand is crucial before proceeding with the material cutting, as the act of cutting signifies acceptance.
- Clean the slabs.
- Check the slabs for color, voids, chips, or other defects.
- Check the thickness (12MM).



Release the Tension

- All 12mm slabs MUST be rectified by the fabricator first before another cut(s) is made.
- Minimum of 1" relief cut on all 4 sides is MANDATORY.
- Start cuts at a slow speed and finish cuts at a slow speed.
- No drop in cuts or plunge cuts.



Water Jet Cutting

- 1/4" cement board to create a flat surface under the material is recommended.
- All slabs MUST be rectified by the fabricator first before any other cuts are made.
- A minimum of 1" relief cut on all 4 sides is MANDATORY.
- Pierce the material at low pressure.
- Recommend cutting pilot holes in all 4 corners of cutouts to release any pressure.
- 80 grit sand is recommended.



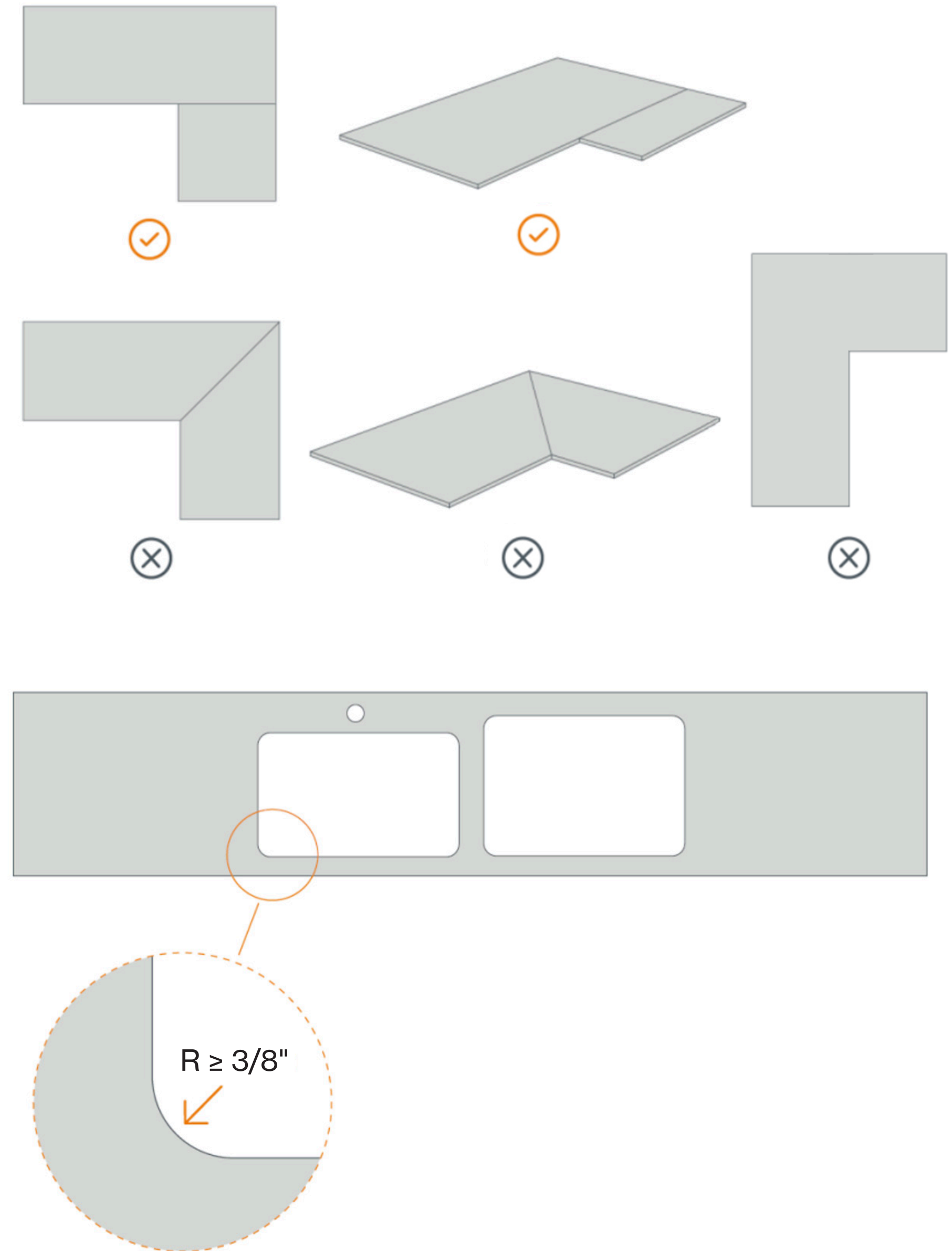
Bridge Saw Cutting

- Only use a blade for Porcelain.
- Check the cutting surface is perfectly flat and without residues.
- Check that the support is sufficiently resistant to prevent any possible breakage.
- Use the max water possible for cooling the slab being cut and to make sure the flow is directly on the cutting area.
- Sharpen the blade frequently.
- See the recommendations of the blade manufacturer for RPM's and speed per minute.



Fabrication & Cut Outs

- Always wet cut and polish, never work on Magnifica dry.
- Put all pieces together in the shop on tables to match edges and to check all pieces are correct to measurements before taking out to install.
- Edge Detail Options:
 - Miter
 - Flat Polished
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- All L-Shapes should be avoided and any 90 degree corners need a minimum radius of 3/8", including sinks, cooktops, & outlets.



Fabrication & Cut Outs (Continued)

- All sinks and cooktops should start with minimum 1" pilot holes on ALL 4 corners.
- Never use a torch or heat source on Magnifica.
- Always have & use your PPE.
- When gluing miter returns, always grind the edges to make them rough. Then clean with acetone before applying epoxy.
- Pigment needs to match the background color of Magnifica, not the face.
- Make sure all pieces are dry before gluing.
- After the epoxy is dry, radius the top edge 1/8" to avoid chipping, also recommend 3/16" radius or bevel on undermount sinks and backsplashes.



Transportation & Safety

- All Magnifica products should be transported to jobsite on a properly rated A-Frame.
- Never transport Magnifica flat in the back of a truck or van.
- Ensure all pieces are properly supported when transporting.
- Always load your edge detail pieces up, not putting all the weight on the mitered apron.
- Always have and use your PPE.



Installation

- Magnifica is a large format porcelain tile and should be installed like tile.
- Magnifica is recommended to be installed with a mortar & not with silicone.
- Mortar is to always be notched the same direction on the substrate and the back of the Magnifica, with no "spot" setting. Both the slab & substrate need 100% full coverage.
- For wall and floor installation standards see ANSI A108.19 for interior and A108.20 for exterior vertical and overhead standards.
- Maximum allowable variation in flatness for ALL surfaces is 1/8" in 10 feet, and 1/16" in 2 feet from the required plane when measured from the high points in the surface.



Seams

- Magnifica should be seamed the same way as quartz and stone counters. Pigment color should match the face of the material.
- For counter do not use common items like razor blades to check for seam flatness.
- Seam Setters (or the like) need to be used to ensure flatness on counters.
- Micro bevel your material to avoid chipping at the seams & grout joints.
- For floors and walls, use self-leveling spacers.



Tips from the Trade

- Substrate prep is a critical key factor for a successful installation. Take the proper time to ensure the substrate is prepped properly for install.
- Use products & tooling specified for large format porcelain.
- Layouts and seam placements should be viewed and approved by the client prior to fabrication.
- Take your time with porcelain. Quality comes with patience & passion.
- For any technical questions, training inquiries, or any other questions please reach out to your local Bedrosians Branch or Representative.



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