

The Competitive Difference

Raised Patio Specification Sheet

All hardscape installations performed by TBI Unlimited, LLC are held to the highest industry standards. We provide you with this specification sheet so that you may further understand how, and why we are the fastest growing landscape/ hardscaping firm in South Jersey. When having TBI Unlimited, LLC install your hardscape you can rest assured that the following specifications will be adhered to at all times.

1)Excavation

- Soil will be excavated to a depth of 9" to 13" depending upon application.
- Depending upon scale of project and vehicle accessibility, excavation will be performed via hand, mini skid- steer or backhoe.

2) Compact Sub-grade

- Earth beneath paver surface will be thoroughly leveled by using laser levels
- Earth will then be compacted with vibratory plate compactors, or jumping jack compactors to achieve 98% Proctor Density.

3)Laying of Separation fabric

- Mirafi 500X geo-textile separating fabric will be laid upon previously compacted sub-grade, and will wrap all wall surfaces of excavated trench.
- Separating fabric provides as a barrier between soil and crushed concrete to eliminate settlement of concrete into soil.
- Mirafi 500X has a 50 year life expectancy.

4)Compaction of Aggregate Base

- A minimum of 6" of crushed concrete will replace the soil previously excavated from site.
- Crushed concrete will be laid and compacted in 2-3" intervals to achieve 98% Proctor Density.

5)Sand Setting Bed

- 1" Concrete sand will be screeded atop of compacted crushed concrete using 1" steel bars.
- Concrete sand acts as a setting base for pavers to rest in, and will compact to a 1/2"

6)Laying of Pavers

- Pavers selected by customer will be laid along pattern specified by contract.
- All cuts will be performed using diamond bladed wet/ dry saw.
- No paver joint/cut will exceed 1/4" gap.
- All corners will be miter cut to maintain cohesion throughout project.
- Paver joints will be swept with Polymeric joint stabilizing sand and compacted until full.
- Polymeric sand eliminates weed growth between pavers, as well as the emergence of ants, and erosion of sand.

7) Laying of Wall Block

- Wall block will have one course buried below grade to serve as footer.
- Wall blocks will be adhered together, provided that manufacturer doesn't require wall blocks to be pinned.
- Depending upon height of raised patio, geo-grid reinforcement may be used to anchor wall to native soils.
- Wall Caps will be adhered to top of wall with construction adhesive.

TBI Unlimited, LLC.
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