

**SUB-BASE TECHNICAL SPECIFICATIONS**

The following specifications are a guideline only. Attention should be paid to specific ground conditions at your prospective court site following assessment by a qualified groundworks professional. Basketball court sub-base construction experts can be found at [oncourt.online/installer-directory](http://oncourt.online/installer-directory)

Sport	Basketball
Court Size	5.28 x 7.33 m
Surface	Versacourt Game Outdoor

**WARNING**

Hoop system and component anchor assemblies should be installed during sub-base construction. Configure and order your court, hoop and components to ensure ground anchor assemblies are available during the sub-base build.

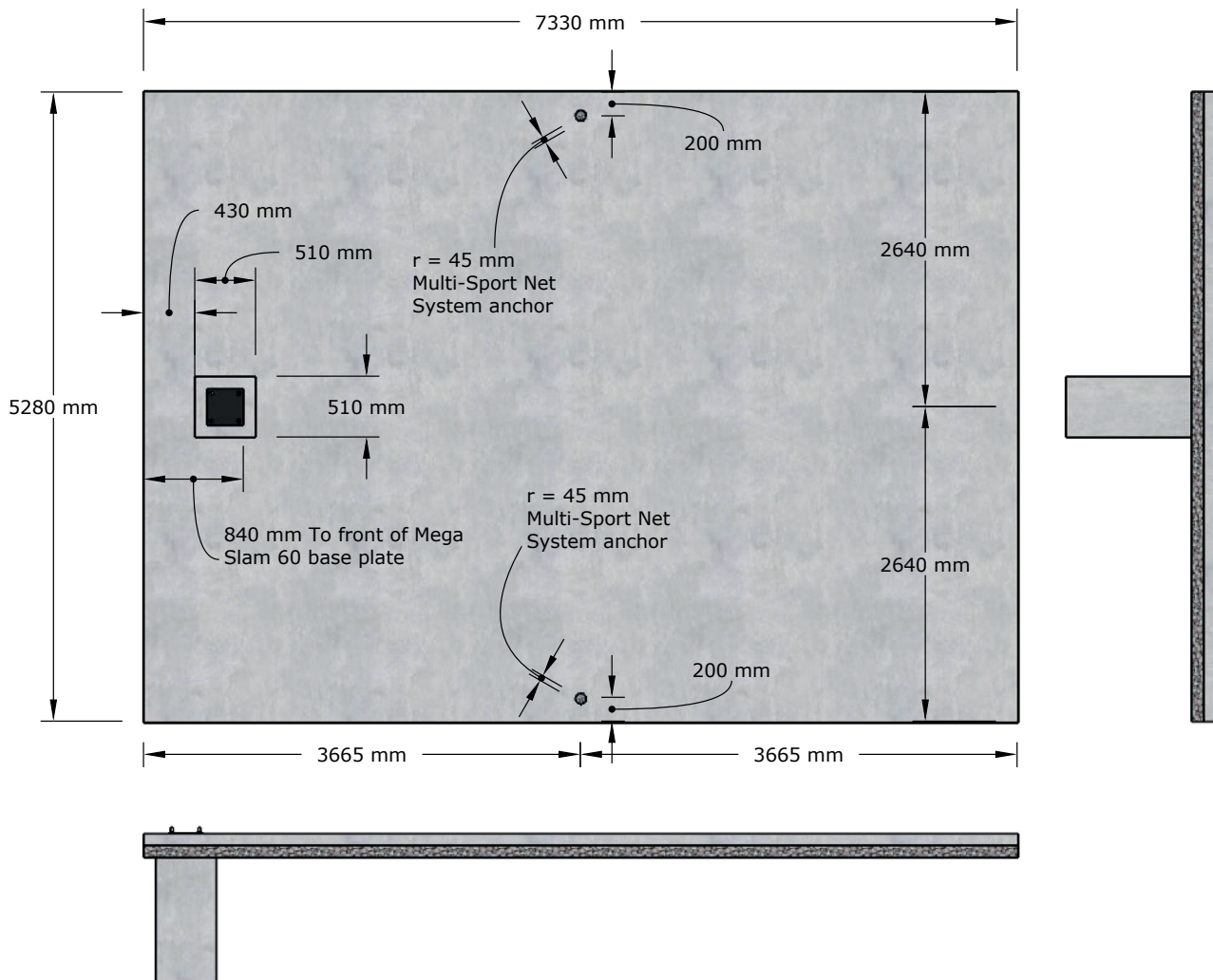
Be aware that your choice of hoop dictates it's positioning relative to the sub-base. This document includes diagrams for courts with Mega Slam 60 and Mega Slam 72 hoop systems.

Download detailed installation instructions for your Mega Slam Hoop at [oncourt.online/basketball-hoops/installation](http://oncourt.online/basketball-hoops/installation). Be sure to measure the required clearance behind the hoop for height adjustment handle operation.

Optional Multi-Sport Net System Anchor points should be cut in 45mm radius to a depth of 130mm.

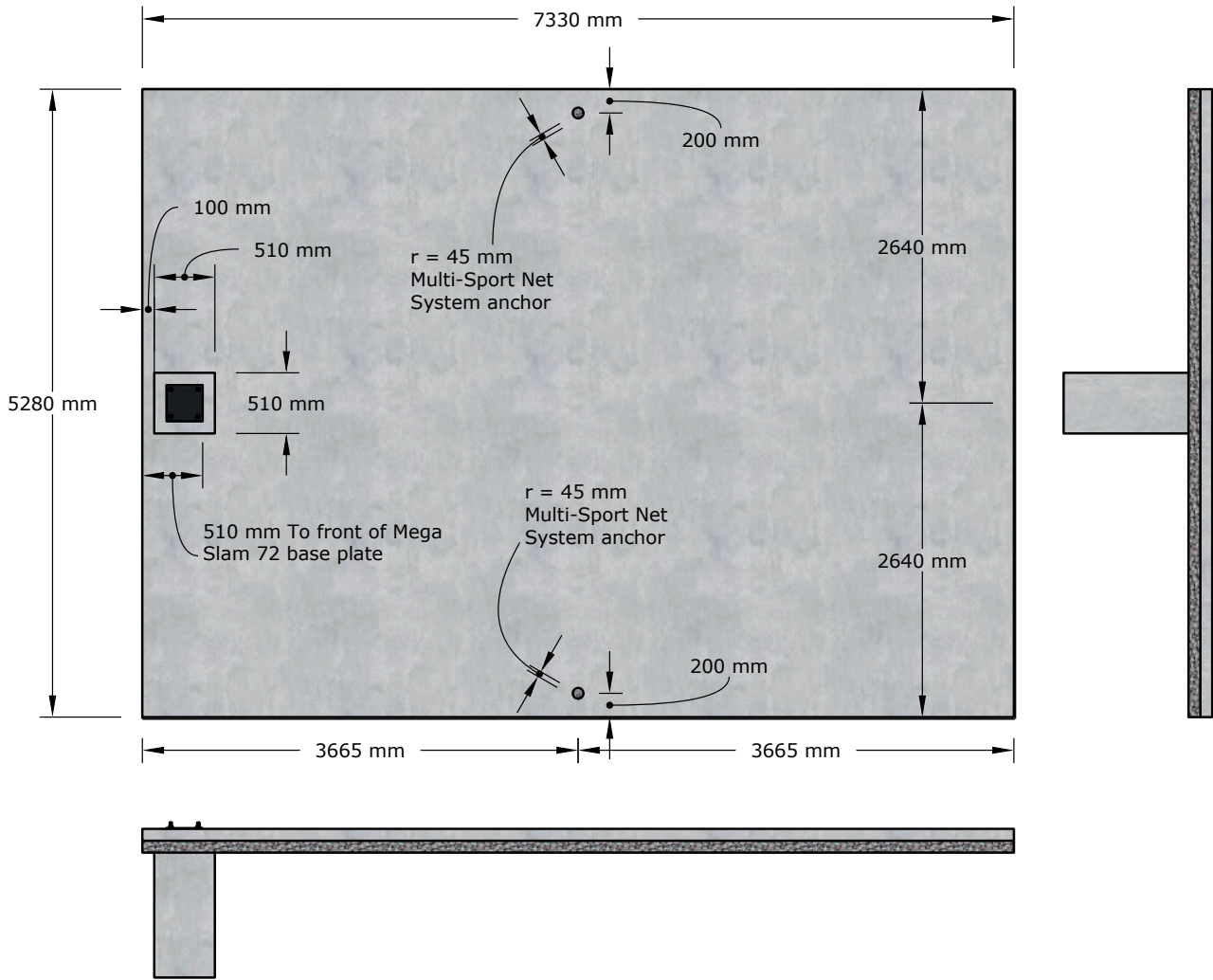
**MEGASLAM 60**

[Mega Slam 60 Installation Manual](#)



**MEGASLAM 72**

Mega Slam 72 Installation Manual



**CONCRETE RECOMMENDATIONS**

The following concrete recommendations are for informational purposes. OnCourt is not responsible for concrete design specifications or installation. Specific requirements for concrete design and installation should be confirmed by a local Professional Engineer and/or Licensed Contractor.

Find a court and component installation specialist in the [OnCourt Installer Directory](#).

- Minimum thickness of 100 mm, a 150 x 150 mm turndown with a continuous rebar may be used where slab will abut walls or pavements.
- Reinforcement Options: Welded Wire Fabric placed at 1/3 the depth of the concrete; continuous rebar at perimeter of slab - min. 50 mm concrete cover for rebar.
- Medium broom finish.
- 4,000 PSI / 30Mpa at 28 days.
- 6 mm tooled radius edge or chamfered edge.
- Slope: 0.5%Min./1% Max.
- Flatness tolerance 5mm within any 3m radius.

Joint Spacing:	
Slab Depth	Max Joint Spacing
100 mm	3000 mm
125 mm	3500 mm
150 mm	4500 mm

- Control joints may be either tooled in “wet” concrete or sawcut within 18 hours of placement.
- Expansion joints shall be used to separate new concrete whenever it abuts new or existing concrete from curbs, walls and any other rigid pavements/structures.
- Expansion joints shall be filled with pre-moulded joint filler, min. requirement ASTM D-175.
- All joints shall be sealed with a sealant resistant to both oil and fuel.
- Subgrade: Min. 150mm compacted subgrade 98% of max. density.

