

TECHNICAL DRAWING

BB01_ BASKETBALL GRIZZLY HOOP

park—life™

DESIGNED

To provide both FIBA accurate and safe play by Parklife's Designers and 2-time Olympic Basketball Athlete.
To withstand both the rigours of unsupervised play and environmental conditions in a public open space.
With safety in mind for both players and installers.

ENGINEERED

NZ Structural Engineer (BECivil CMEngNZ) designed and Producer Statement Design (PS1) certified for both the tower and footings.

MANUFACTURED

Manufactured in Wigram, Christchurch by an ISO 9001 business with over 40 years of experience.

INDEPENDENTLY CERTIFIED & TESTED

Materials (steel grade & source) - by 3WS
Welding - by Southern Quality Assurance
Loadings - by NZ Steel & Tube
Coatings - by NZ Coatings.

HOOP*

Patented U-Spring design eliminates the need for coiled springs that can rust over time.
Zinc coated then powdercoated with the Dulux Duratec system – the highest performing powdercoat – to the client's colour choice.

NET

Heavy-duty white nylon attached to the hoop with DYNEEMA rope (10 x stronger than steel per unit of weight).

BACKBOARD*

Unique punched aluminium design reducing overhead weight and wind load.
Powdercoated with the Dulux Duratec system – the highest performing powdercoat – to the client's colour choice
or
PALSUN Polycarbonate type for a clear finish. PALSUN combines superior impact resistance and clarity, making it the material of choice for many demanding applications. It is virtually unbreakable, yet it is as transparent as glass at less than half its weight.

NO DUNKING STICKER

High-quality Metalphoto Sub-Surface Anodised Aluminum with 3M adhesive.

TOWER (includes base plate, pole, outreach, rear plate and backboard frame)*

Finished with a PUR5 PPG Protective and Marine Coating system providing C4 Atmospheric Corrosivity Category (ACC) : High Environment protection.
Safety in design lifting eyes provide safe attachment points for overhead lifting during installation.

STUB (includes internal spigot)

Finished with Hot Dipped Galvanising to HDG500, providing Category C4 Atmospheric Corrosivity Category (ACC) : High Environment protection.
Safety in design above-ground portion of the stub (internal spigot) supports the tower independently when contractors tighten the hold-down nuts. This feature also reassures the client that the tower will remain standing should damage occur.
Stub can be despatched earlier than the tower to meet the contractor's court build program.

REO CAGE

Hold-down bolts are tied into a pre-formed reinforcing cage to provide extra strength.

CONCRETE FOOTING

Standard plant 600mm OD x 1500mm deep type footing
or
Shallow 300x2000x2000mm pad type for when services, weak or contaminated soils, high water table etc, are present.

FIXINGS

316 Stainless Steel for the highest corrosion resistance.

SPARE PARTS

Available from Wigram, Christchurch.

CUSTOMISATION

Parklife can customise client orders to suit site-specific ground conditions, environmental conditions, backboard type and size, colour choices, etc.

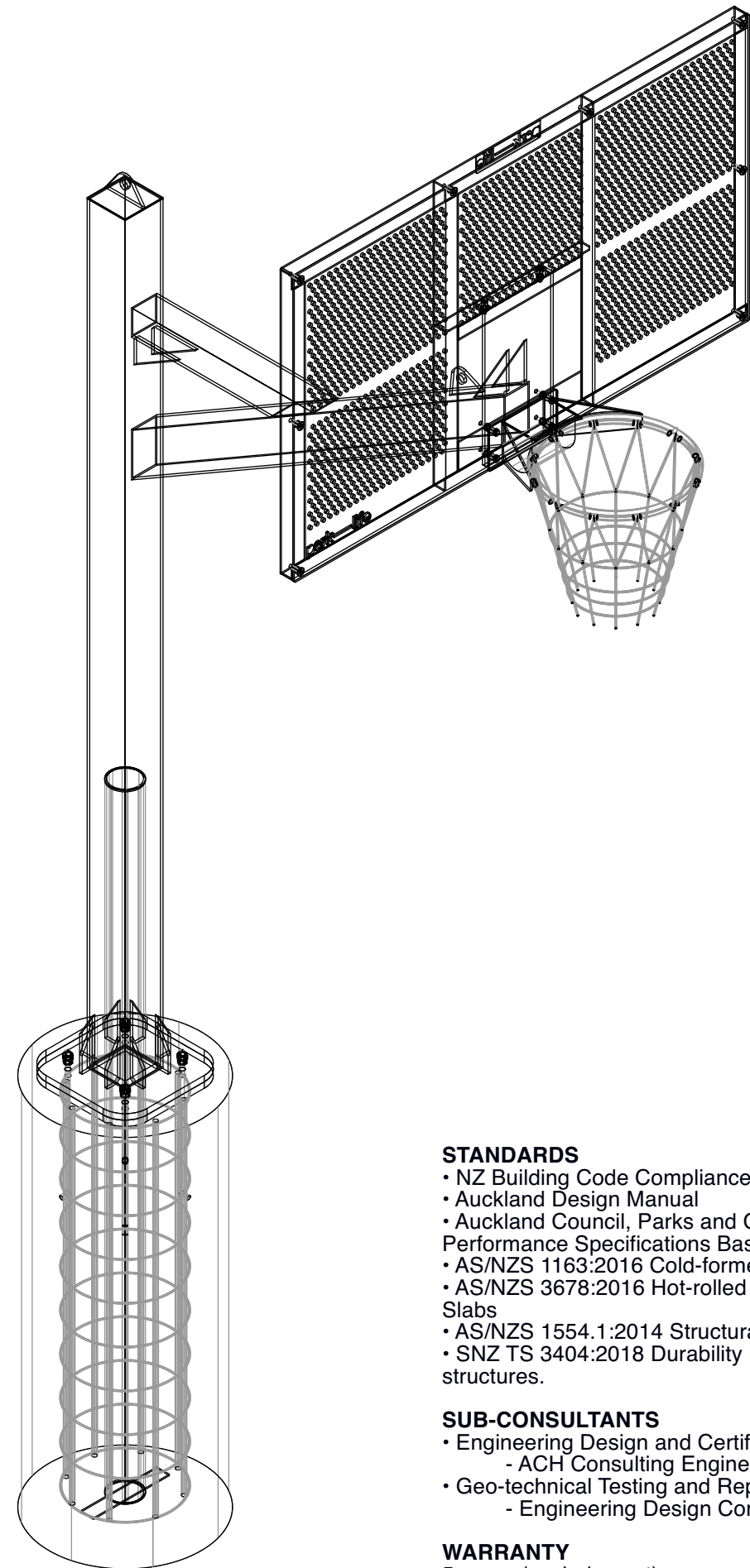
ADDITIONS

BB04 Parklife 'High Five Seat' - courtside seating
BB05 Parklife 'Park Light' - over backboard solar lighting.

**Recyclable parts*

FEATURES

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STANDARDS

- NZ Building Code Compliance and Building Act 2004
- Auckland Design Manual
- Auckland Council, Parks and Community Services, Performance Specifications Basketball Towers
- AS/NZS 1163:2016 Cold-formed Steel Hollow Sections
- AS/NZS 3678:2016 Hot-rolled Plates, Floorplates & Slabs
- AS/NZS 1554.1:2014 Structural Steel Welding
- SNZ TS 3404:2018 Durability requirements for steel structures.

SUB-CONSULTANTS

- Engineering Design and Certifying
 - ACH Consulting Engineers, Auckland
- Geo-technical Testing and Reporting
 - Engineering Design Consulting (EDC), Auckland.

WARRANTY

5 years (excludes net).

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