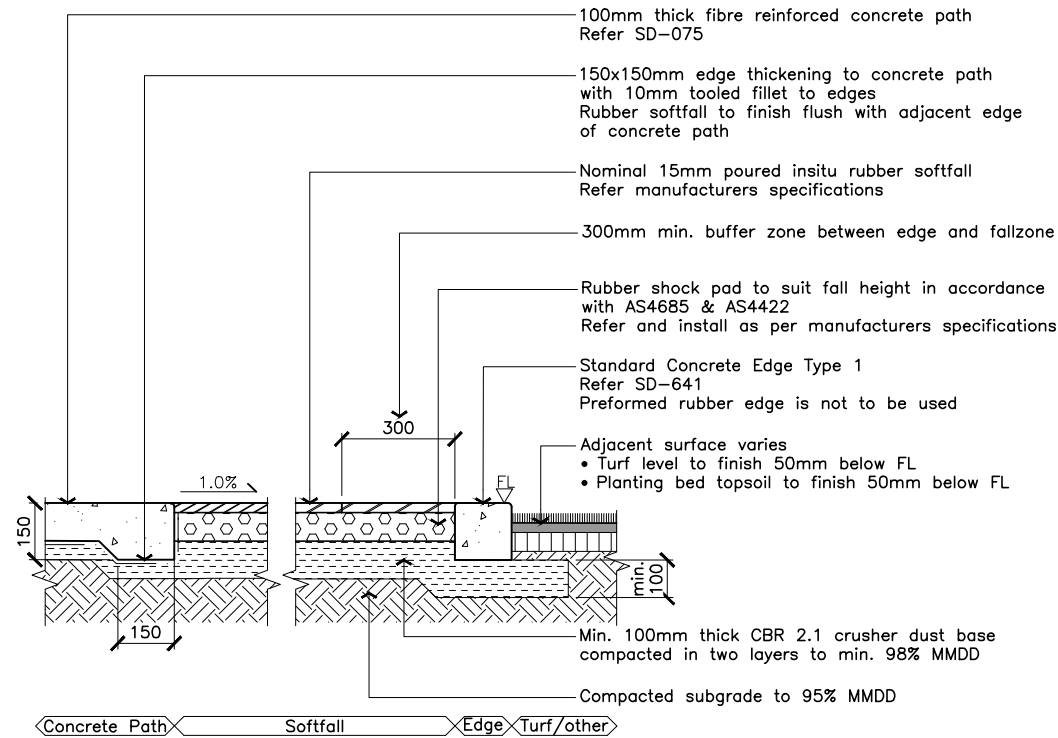
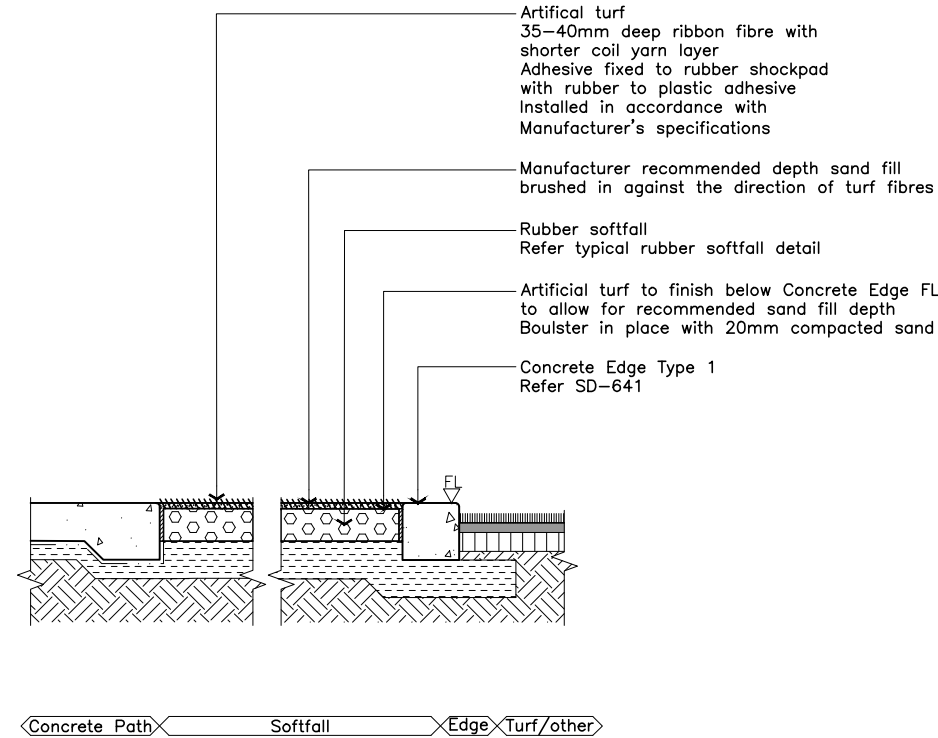




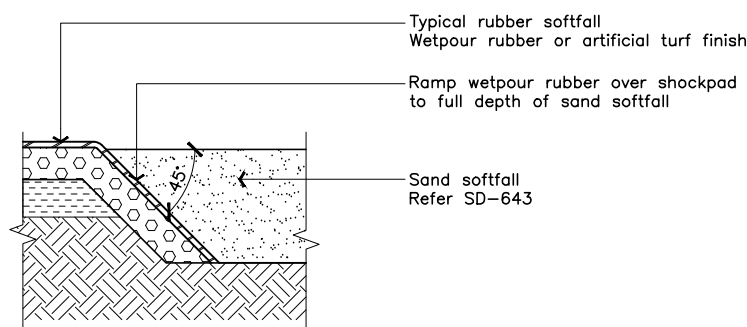
RUBBER SOFTFALL



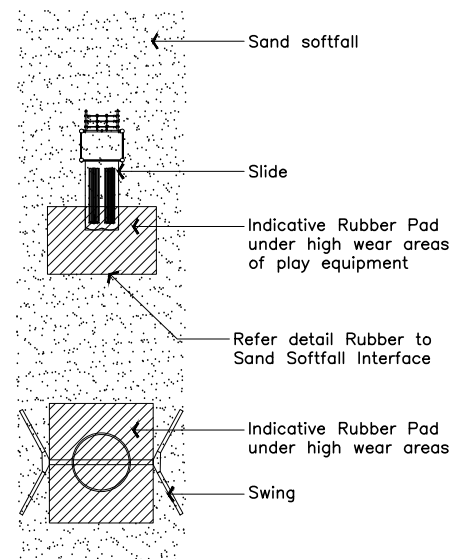
TYPICAL RUBBER SOFTFALL



ARTIFICIAL TURF SOFTFALL



RUBBER TO SAND SOFTFALL INTERFACE



EXAMPLE RUBBER TO SAND SOFTFALL

RUBBER SOFTFALL	
TYPE	APPLICATION
Rubber softfall	Play equipment beneath natural/built shade
Rubber softfall pad in sand softfall	High wear areas of play equipment
Artificial Turf finish to Rubber softfall	Between sand softfall and paved areas; In fallzones to reduce possibility of skin abrasions

NOTES

GENERAL

- All dimensions are in millimetres, unless otherwise noted.
- Do not scale these drawings. Use figured dimensions.
- The Contractor shall check, verify on site and be responsible for the correctness of all dimensions shown on the drawings and discrepancies shall be reported immediately to the Project Manager before any work proceeds.
- These drawings shall be read in conjunction with all other drawings and specifications and with such other written instructions as may be issued during the course of construction. All discrepancies shall be reported immediately for decision before proceeding with the project.
- Any potential interference with existing trees is to be identified by the Contractor and reported to the Project Manager and Council's Arborist prior to commencement of construction.
- All workmanship and materials shall be in accordance with the requirements of the Landscape Policy and Construction Standards, Standards Australia Codes and the by-laws and ordinances of the relevant authorities.
- During construction any structure and neighbouring structures shall be maintained in a stable condition, ensuring no parts are overstressed.
- The contractor is to confirm the location and depth of services within the construction limits prior to commencement of construction. Services to be noted on As Constructed drawings.
- The Contractor shall rectify any damage to existing hard and soft infrastructure and/or services, caused through carrying out the works, at the Contractor's expense.
- It is the contractors responsibility to ensure that the project is carried out in accordance with the drawings and specifications.

CITY PLAN REFERENCES

Part 9.3.3	Landscape Code
SC6.4.12.1	Policy Intent
SC6.4.23	Construction Management
SC6.4.23.1	Construction (Protection of Trees and Vegetation)
SC6.4.10.3	Construction Standards
SC6.4.12.6	Landscaping Construction Standards
SC6.4.6.26(4)	Earthworks (Landscaping)
SC6.4.18	Concrete Works
SC6.4.6.17	Control of Traffic

RUBBER SOFTFALL

- Rubber Softfall to be installed in accordance with manufacturers specifications to meet the requirements of the equipment fallzones.
- All rubber softfall surfacing to be compliant with AS4685 & AS4422. Certification of installation supplied to the Principal upon completion.
- Where unstable subgrade material is encountered, base thickness/CBR type to be in accordance with Geotech report recommendations.
- Setout and levels shall be checked on-site prior to installation. Notify the Project Manager immediately of any discrepancies prior to construction.
- Rubber softfall to be installed with 1% typical crossfall and max. 1.5%. Ensure there are no low points. Play features with inclined sides to be submitted for approval prior to construction.
- Rubber softfall to comprise:
  - Nominal 15mm poured insitu rubber crumb topping (min. 90% CSBR);
  - Rubber shock pad to suit fall height in accordance with AS4685 & AS4422.
  - Rubber crumb only softfall is not acceptable.
- Where applicable submit rubber colour sample and pattern for approval prior to construction:
  - Large areas of dark colours to be avoided.
  - Softfall pattern joints shall not be located within 300mm of extents of softfall or beneath high impact areas, e.g. beneath swing, slide run-out.
  - Intricate patterns, particularly with narrow strips between joints to be avoided.

ARTIFICIAL TURF

- Artificial Turf shall be installed to manufacturers specification.
- Artificial turf shall not be utilised in flood paths.
- Artificial Turf shall be:
  - UV stabilised for North Queensland conditions
  - Minimum 7 year warranty
  - Multi-tonal colour to match colour tones of natural turf in Townsville
- Prior to laying turf roll out turf to ensure folds and twists are flattened out.
- Install rubber softfall as above and keep clean of debris and dust.
- Lay out the artificial turf in straight lines allowing edges to overhang at edges. Ensure turf covers the intended area before trimming to shape.
- Tape adjacent edges of turf roll along full length with minimum 300mm wide backing tape along centre line of tape.
- Adhesive fix turf to backing tape with high-quality two part polyurethane as recommended by the manufacturer for the weather conditions.
- Fix turf to rubber softfall with bi-component polyurethane adhesive suitable for the prevailing climate and installation weather conditions.
- NOTE: Artificial turf as softfall shall not to be pinned.
- Long narrow areas of artificial turf to be adhesive fixed along length.
- Adhesive fix turf edges to vertical side of concrete edge or paving.
- Fill surface with washed silica sand/rubber granule mix:
  - 1part rubber granule : 4parts sand
  - Sand grade 0.3 to 1.0mm
- Sand fill to depth recommended by manufacturer and brushed in against the direction of turf fibres.

NOTES :

REFERENCE DRAWINGS  
SD-075 - Concrete Pathway Reinforced Concrete (Fibre) Alternative  
SD-641 - Surface Treatment Edging  
SD-643 - Surface Treatment Sand Softfall

No.	DATE	DESCRIPTION	AP'D
B	17/07/2023	CITY PLAN REFERENCE UPDATE	PM
A	23/10/2020	ORIGINAL ISSUE	
REVISIONS			

Full Size A1

DRAWN: DESIGN OFFICE

CHECKED: HB

Senior Open Space Planner Approved:

*Hass El Sitar*

Date:

Jun 17, 2024

Team Manager EAIP Approved:

*Zdenka Krivack*

Date:

Jun 17, 2024



Ph: (07) 4727 9000  
www.townsville.qld.gov.au

SURFACE TREATMENT  
RUBBER SOFTFALL

STANDARD  
DRAWING

OPEN SPACE

SD-642

B