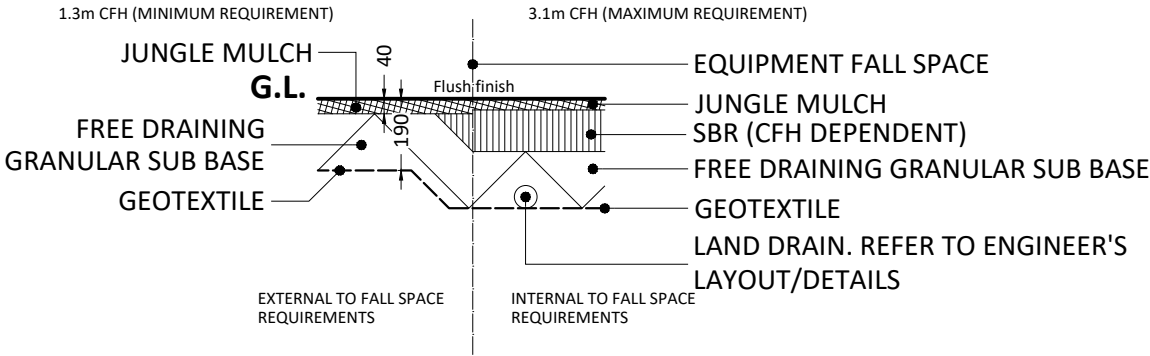


PLAY AREA SURFACING ENVIRONS: ILLUSTRATIVE CROSS SECTIONS

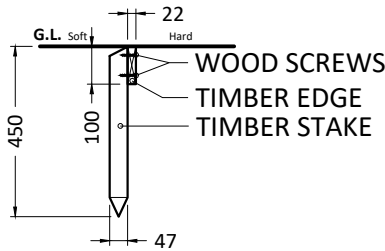
REFER TO TABLE 1 & 2 FOR FURTHER INFORMATION

A JUNGLE MULCH EXTERNAL TO & INTERNAL TO CFH REQUIREMENTS



C EDGING ALTERNATIVES

22x100mm TIMBER EDGE RESTRAINT



B JUNGLE MULCH EDGE TO GRASS SURROUNDS

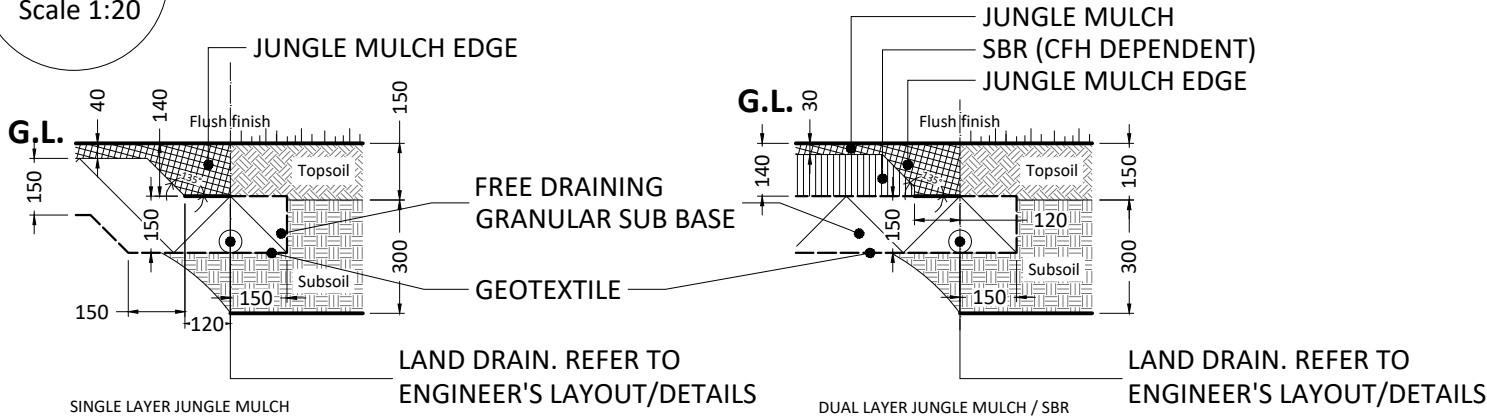


TABLE 1. JUNGLE MULCH DEPTHS AS DETERMINED BY CRITICAL FALL HEIGHT (CFH)				
CFH (m)	No. LAYERS	RJM DEPTH (mm)	SBR DEPTH (mm)	SAFER SURFACING TOTAL BUILD-UP
1.3	1	40	0	40
1.7	2	30	25	55
2.3	2	30	50	80
2.8	2	30	90	120
3.1	2	30	110	140

N.B. CFH build-up based on information received from PlaySmart UK Ltd. on 13/04/2016 - exclusive suppliers of 'Jungle Mulch'.

LAYER	THICKNESS (mm) (after compaction)	MATERIAL NAME	MATERIAL CODE	NOMINAL SIZE OF AGGREGATE (mm)	COMMENTS
JUNGLE MULCH SAFER SURFACING: CFH REQUIRING ONLY A SINGLE LAYER					
SURFACE COURSE	40	Recycled tyre buffing.	Shredded Rubber crumb surface		High grade, polyurethane bound, virgin rubber crumb safer surfacing, free from fines & impurities such as steel, kevlar, polyester, fabrics, etc. Laid to BS EN 1177 requirements. Depth to increase to form edge as shown. Supply & install by PlaySmart.
SUB BASE	min 150	Free draining granular sub-base no fines	Type 4/20 CGA	4-20	Coarse Graded Aggregate to BS EN 13242: 2002. Angular for good frictional interlock. Refer to NBS Section Q20, clause 215A. Perforated pipe to be installed at lowest edge, see engineers drainage layout
LOWER FABRIC SEPARATOR		Non-woven Geotextile	Terram 1000		Refer to NBS Section, Q20, Clause 170.
JUNGLE MULCH SAFER SURFACING: CFH REQUIRING A DUAL LAYER (E.G. SWINGS)					
SURFACE COURSE	30	Recycled tyre buffing.	Shredded Rubber crumb surface		High grade, polyurethane bound, virgin rubber crumb safer surfacing, free from fines & impurities such as steel, kevlar, polyester, fabrics, etc. Laid to BS EN 1177 requirements. Depth to increase to form edge as shown. Supply & install by PlaySmart.
BINDER COURSE	To CFH rqrmts	Styrene Butadiene Rubber	SBR rubber crumb		Laid to depths compliant with BS EN 1177 fall space requirements.
SUB BASE	min 150	Free draining granular sub-base no fines	Type 4/20 CGA	4-20	Coarse Graded Aggregate to BS EN 13242: 2002. Angular for good frictional interlock. Refer to NBS Section Q20, clause 215A. Perforated pipe to be installed at lowest edge, see engineers drainage layout
LOWER FABRIC SEPARATOR		Non-woven Geotextile	Terram 1000		Refer to NBS Section, Q20, Clause 170.

PLAY EQUIPMENT CFH

In the event of discrepancy, the manufacturer's recommendations for the Critical Fall Height (CFH) shall take precedence over the information contained within this table.

ITEM NO.	MANUFACTURER	PLAY EQUIPMENT TYPE	PRODUCT TYPE	CFH	UNIT
1	XXXX	XXXX	XXXX	0.76	m

TABLE 1: EDGING NOTES

SUPPLIER:	Contractor's choice.
TIMBER EDGING:	
TIMBER (GENERALLY):	All to be slow grown, pressure treated softwood. All cuts to be treated with wood preservative. All cuts to be treated with wood preservative.
EDGE:	22x100mm
STAKE:	47x47x450mm
STAKE CENTRES:	1000mm o/c max. / sufficient to achieve curved radii (500mm o/c on radii of less than 6m).
FIXTURES & FITTINGS:	4.5 x 75mm woodscrews.

Drawing Revision

Rev.	Date	Description	DRN	CKD
P1	06/11/2022	First Issue	MS	PG
P2	14/05/2023	Amended to client comments.	PG	PG
P3	30/05/2023	Amended to client comments.	PG	PG
P4	11/08/2023	Amended to client comments.	GR	PG

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Project

LAND NORTH OF HORSHAM

Drawing Title

JUNGLE MULCH

Scale	Sheet Size	Date
1:20	A3	11/08/2023
Client Ref.	Drawing Ref.	Drawing No.
SUR	2898-5-5-SUR	0003
Status	S5-P4	