


Council Meeting	 Market Drayton Town Council
Agenda Item: 4. Dalelands Play Area	
Date: 29 September 2022	
Appendix: C55	

Dalelands Playground Phase 1 works – Levelling of Mound

This document has been produced to help councillors understand the issues related to the concept of levelling /removal of the existing earthwork mound within the playground.

Since the last Councillor update the selected Contractor has been back to the clerk to inform council that when the mounds are levelled and without taking soil “off site” the general level of the area signalised as “A” “B” and “C” would increase in elevation overall by up to 600mm on that of the football goal area “A” this was not the vision that the working party had but having another site visit we can now understand the contractors point.

- If we regard the general elevation of the playground as elevation Zero then :-
- Area “A” is at an elevation of +500mm approx
- Area “B” at its highest is at an elevation of +1500mm approx
- Area “C” at it highest is at an elevation of +650mm approx

All the above areas are graded and sloped to their adjoining areas.

Taking soil off site could involve sampling and obviously additional cost, so if at all possible, we need to absorb the material within the site. The amount of material is estimated as follows:-

- Area “B” = 49m apex length x 2.75m average width x 1m depth appro
= 134.75 Cu Metres approx.
- Area “B” = 25m apex length x 3m average width x 0.65m depth
= 48.75 Cu Metres approx.
- Total Volume = 183.5 Cu Metres of soil which equates to approx. 312 Ton of soil or approx. 16 truckloads of soil.

Mound Level

- In principle level mounds “B” and “C” to the same level as Area “A” by depositing the spoils in the two area shown cross hatched and suitably grading the height difference to the existing playground elevation height.

- To accept an overall increase in elevation height of area “A” to absorb the material but to keep this to an absolute minimum.
- Consider absorbing some material if necessary, at “Westland Playground” to level the existing Football pitch.

For Consideration

- Rather than seeding the working area which will involve a lengthy period of protection/exclusion and the need for regular watering the contractor has offered to turf the working area at a very reasonable cost, the clerk has a quotation for this, which would need approval from Council for the additional funds, but this option would be less onerous and the recovery time a lot shorter.
- The quote to turf the area is £5,000.

Project Budget

Total project budget	£101,918.00
Phase 1 works approved	£ 37,954.68
Sub total	£ 63,963.32
Turfing of the area	£5,000
Budget for phase 2 of the project.	£ 58,963.32