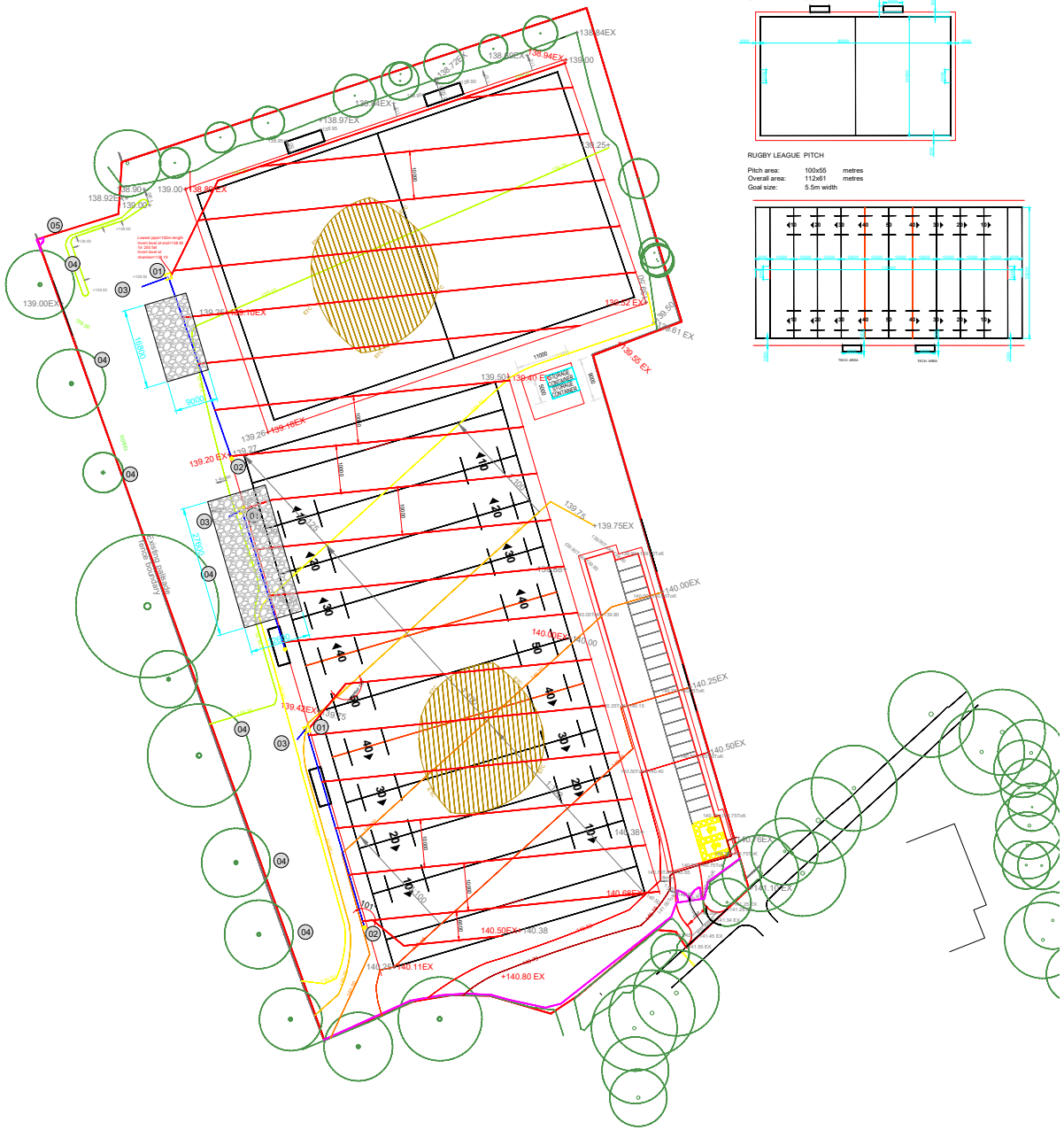
PITCH DIMENSIONS/LINE MARKING 1:1000



TOUCH RUGBY/TRAINING PITCH

Pitch area:	80x50	metres
Overall area:	84x54	metres
Goal size:	5.5m width	

RUGBY LEAGUE PITCH

Pitch area:	100x55	metres
Overall area:	112x61	metres
Goal size:	5.5m width	

SUMMARY

-Soakaway drainage system to provide total capacity of approximately 300 cubic m attenuation.
(ie 1050 cubic m capacity filled with material with 30% free volume). =315m³

-Design to provide pitch performance similar to 4-6 hours a week Sport England requirements.

-Design in accordance with BRE digest 365-Soakaway Design

Rainbox 3SR Crate drainage system.
made up from 1200 x 600 x 420mm recycled polypropylene crates.
1No 16800 x 9000 x 840mm with minimum 900mm ground cover.
1No 27600 x 12600 x 840mm with minimum 900mm ground cover.
Wrapped in permeable geotextile.

DRAINAGE DESIGN

- LATERAL DRAINS-NOMINALLY PERFORATED PIPE WITH CLEAN GRAVEL/GEOMEMBRANE SURROUND. 10M CENTRES OR AS SHOWN
- CARRIER DRAIN-SOLID PIPE IN BEDDED SURROUND
- SOAKAWAY- Rainbox 3SR Crate Drainage System
- INSPECTION CHAMBERS/SILT TRAPS/INSPECTION POINTS-SEE NOTES. RECESSED ASTROTURF COVERED LID.
- SLIT DRAINS 1M APART ACROSS LINE OF BELOW GROUND DRAINAGE

LEGEND

01 Manhole/silt trap

02 Inspection point-lateral and connector drains

03 Inspection point-soakaway

04 Distances to boundary for tree protection zones. Tree protection fence to be erected

05 Exact dimensions and setting out to rear garden fenced to be surveyed on site by the contractor and plotted on drawings. Existing gap to be infilled with new weldmesh fence and 1.2m width pedestrian gate.

PRELIMINARY DRAINAGE DESIGN-NOT TO SCALE

\code_of_practice_for_the_designimprovement_of_natural_turf_01 67.jpg

Pipes at nominal 10m centres

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N

Figured dimensions to be used. Do not scale from drawing

Rev	Revision detail	By	Chk	Date
A	Storage Containers, Compound and Soakaways Relocated.	RW		06/07/2023

ROCHDALE BOROUGH COUNCIL

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Client: ENVIRONMENTAL MANAGEMENT

Project: BALDERSTONE PARK PLAYING PITCHES

Title: DRAINAGE DESIGN

Drawn by	Date	Purpose of issue	Scale
RW	04/07/23		1:500 @ A1
Checked by	Date	Project No.	
		2002803	
Approved by	Date	Drawing No.	Rev.
		L-0410	A