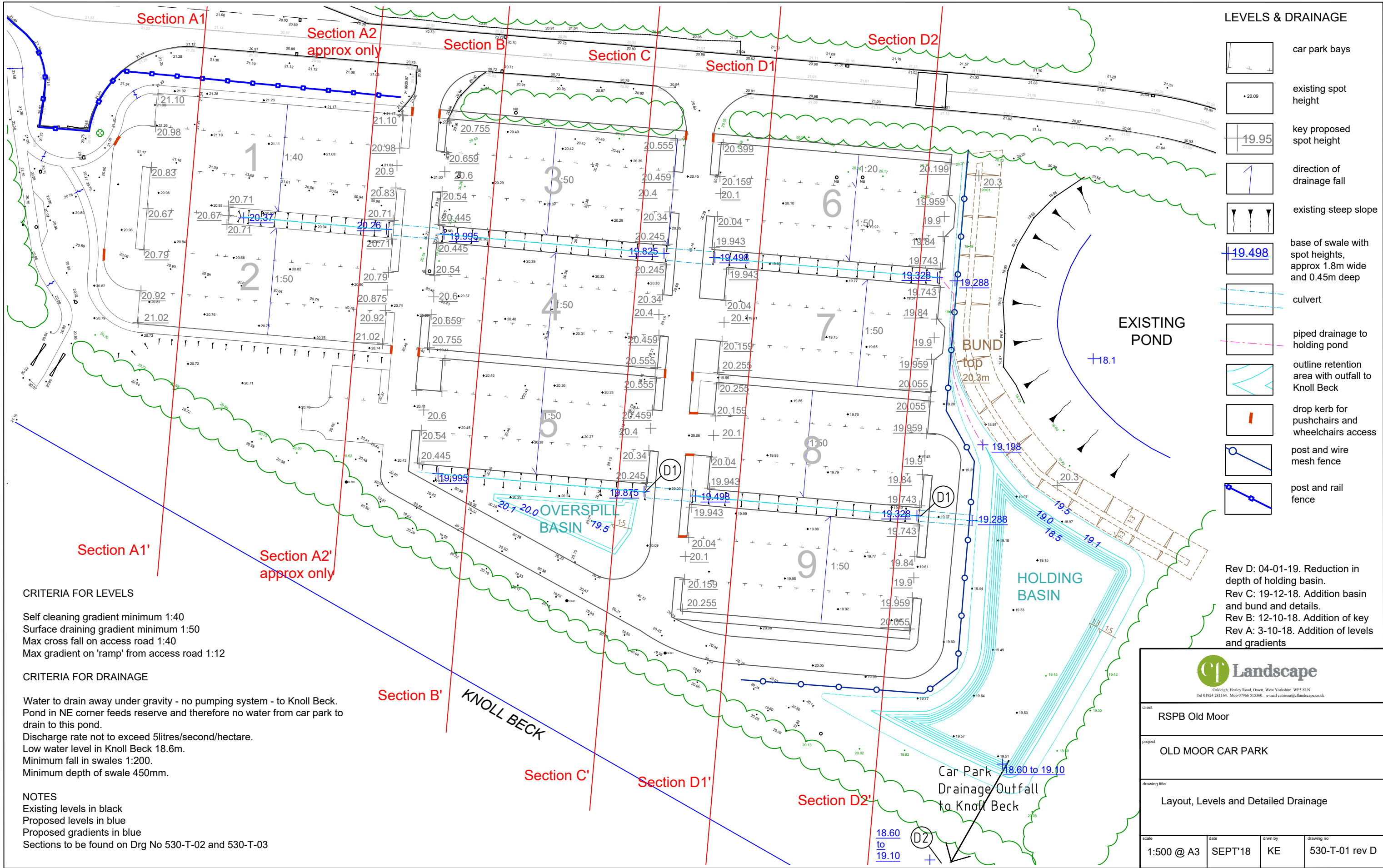




CRITERIA FOR LEVELS

Self cleaning gradient minimum 1:40
Surface draining gradient minimum 1:50
Max cross fall on access road 1:40
Max gradient on 'ramp' from access road 1:12

CRITERIA FOR DRAINAGE

Water to drain away under gravity - no pumping system - to Knoll Beck.
Pond in NE corner feeds reserve and therefore no water from car park to drain to this pond.
Discharge rate not to exceed 5litres/second/hectare.
Low water level in Knoll Beck 18.6m.
Minimum fall in swales 1:200.
Minimum depth of swale 450mm.

NOTES

Existing levels in black
Proposed levels in blue
Proposed gradients in blue
Sections to be found on Drg No 530-T-02 and 530-T-03

LEVELS & DRAINAGE

- car park bays
- existing spot height
- key proposed spot height
- direction of drainage fall
- existing steep slope
- base of swale with spot heights, approx 1.8m wide and 0.45m deep
- culvert
- pipd drainage to holding pond
- outline retention area with outfall to Knoll Beck
- drop kerb for pushchairs and wheelchairs access
- post and wire mesh fence
- post and rail fence

Rev D: 04-01-19. Reduction in depth of holding basin.
Rev C: 19-12-18. Addition basin and bund and details.
Rev B: 12-10-18. Addition of key
Rev A: 3-10-18. Addition of levels and gradients



Oakleigh, Healey Road, Oswest, West Yorkshire WF5 8LN
Tel 01924 281164 Mob 07966 515360 e-mail carl@ctlandscape.co.uk

client	RSPB Old Moor		
project	OLD MOOR CAR PARK		
drawing title	Layout, Levels and Detailed Drainage		
scale	1:500 @ A3	date	SEPT'18
drwn by	KE	drawing no	530-T-01 rev D