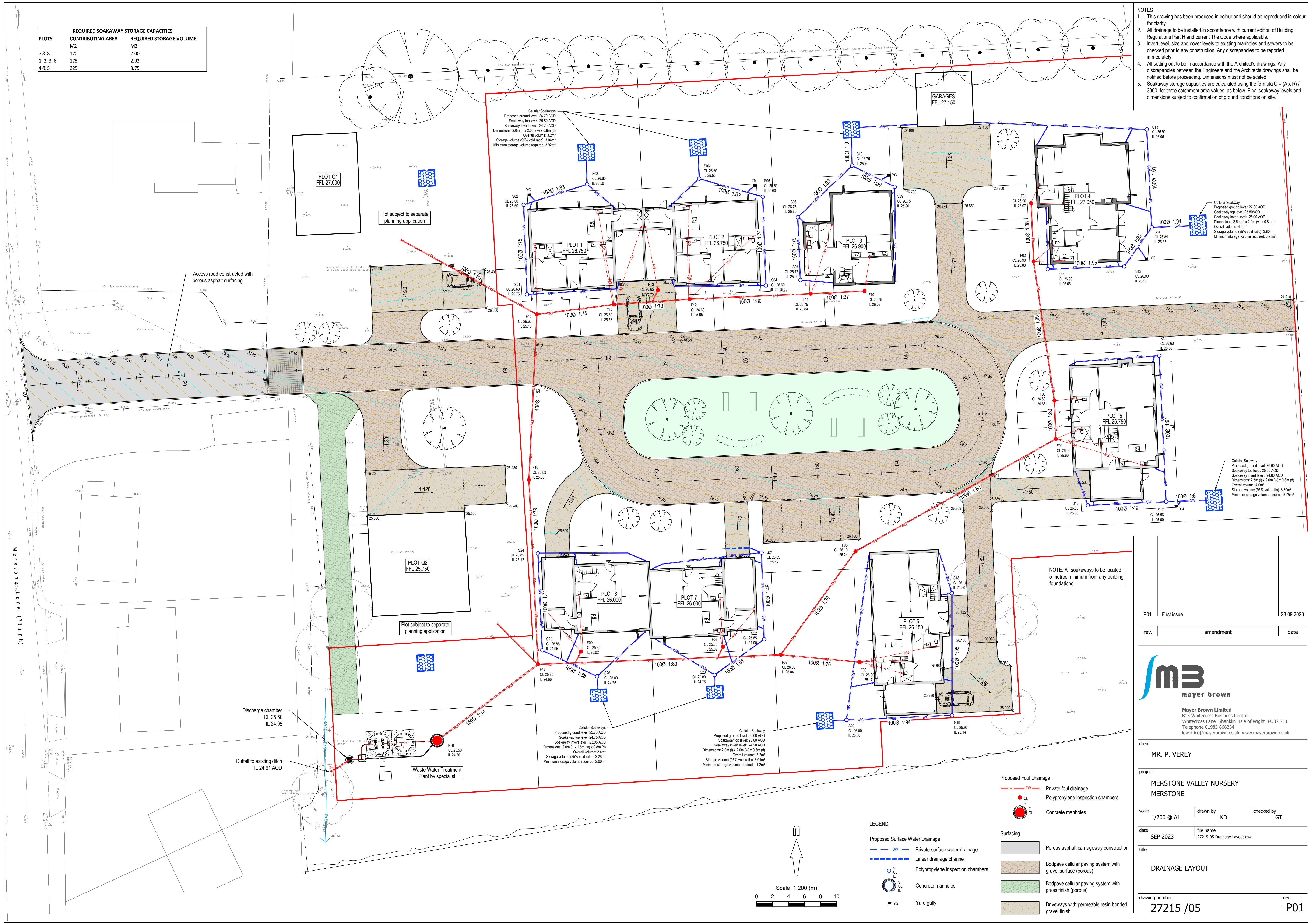


REQUIRED SOAKAWAY STORAGE CAPACITIES		
PLOTS	CONTRIBUTING AREA	REQUIRED STORAGE VOLUME
7 & 8	M2	M3
1, 2, 3, 6	120	2.00
4 & 5	175	2.92
	225	3.75

- NOTES
- This drawing has been produced in colour and should be reproduced in colour for clarity.
 - All drainage to be installed in accordance with current edition of Building Regulations Part H and current The Code where applicable.
 - Invert level, size and cover levels to existing manholes and sewers to be checked prior to any construction. Any discrepancies to be reported immediately.
 - All setting out to be in accordance with the Architect's drawings. Any discrepancies between the Engineers and the Architects drawings shall be notified before proceeding. Dimensions must not be scaled.
 - Soakaway storage capacities are calculated using the formula $C = (A \times R) / 3000$, for three catchment area values, as below. Final soakaway levels and dimensions subject to confirmation of ground conditions on site.



Cellular Soakways
 Proposed ground level: 26.70 AOD
 Soakaway top level: 25.50 AOD
 Soakaway invert level: 24.70 AOD
 Dimensions: 2.0m (l) x 2.0m (w) x 0.8m (d)
 Overall volume: 3.2m³
 Storage volume (95% void ratio): 3.04m³
 Minimum storage volume required: 2.92m³

Cellular Soakaway
 Proposed ground level: 27.00 AOD
 Soakaway top level: 25.80 AOD
 Soakaway invert level: 25.00 AOD
 Dimensions: 2.5m (l) x 2.0m (w) x 0.8m (d)
 Overall volume: 4.0m³
 Storage volume (95% void ratio): 3.80m³
 Minimum storage volume required: 3.75m³

Cellular Soakaway
 Proposed ground level: 26.60 AOD
 Soakaway top level: 25.60 AOD
 Soakaway invert level: 24.80 AOD
 Dimensions: 2.5m (l) x 2.0m (w) x 0.8m (d)
 Overall volume: 4.0m³
 Storage volume (95% void ratio): 3.80m³
 Minimum storage volume required: 3.75m³

NOTE: All soakways to be located 5 metres minimum from any building foundations

Access road constructed with porous asphalt surfacing

Plot subject to separate planning application

Plot subject to separate planning application

Discharge chamber
 CL 25.50
 IL 24.95

Outfall to existing ditch
 IL 24.91 AOD

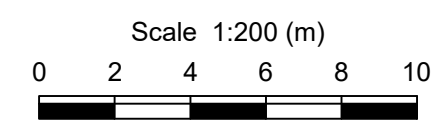
Waste Water Treatment
 Plant by specialist

Cellular Soakways
 Proposed ground level: 25.70 AOD
 Soakaway top level: 24.75 AOD
 Soakaway invert level: 23.95 AOD
 Dimensions: 2.0m (l) x 1.5m (w) x 0.8m (d)
 Overall volume: 2.4m³
 Storage volume (95% void ratio): 2.28m³
 Minimum storage volume required: 2.00m³

Cellular Soakaway
 Proposed ground level: 26.00 AOD
 Soakaway top level: 25.00 AOD
 Soakaway invert level: 24.20 AOD
 Dimensions: 2.0m (l) x 2.0m (w) x 0.8m (d)
 Overall volume: 3.2m³
 Storage volume (95% void ratio): 3.04m³
 Minimum storage volume required: 2.92m³

- Proposed Foul Drainage
- Private foul drainage
 - Polypropylene inspection chambers
 - Concrete manholes
- Surfacing
- Porous asphalt carriageway construction
 - Bodpave cellular paving system with gravel surface (porous)
 - Bodpave cellular paving system with grass finish (porous)
 - Driveways with permeable resin bonded gravel finish

- LEGEND
- Proposed Surface Water Drainage
 - Private surface water drainage
 - Linear drainage channel
 - Polypropylene inspection chambers
 - Concrete manholes
 - Yard gully



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m3
 mayer brown

Mayer Brown Limited
 B15 Whitecross Business Centre
 Whitecross Lane, Shanklin, Isle of Wight, PO37 7EJ
 Telephone 01983 866234
 iowoffice@mayerbrown.co.uk www.mayerbrown.co.uk

client
 MR. P. VEREY

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drawing number 27215 /05	rev. P01	