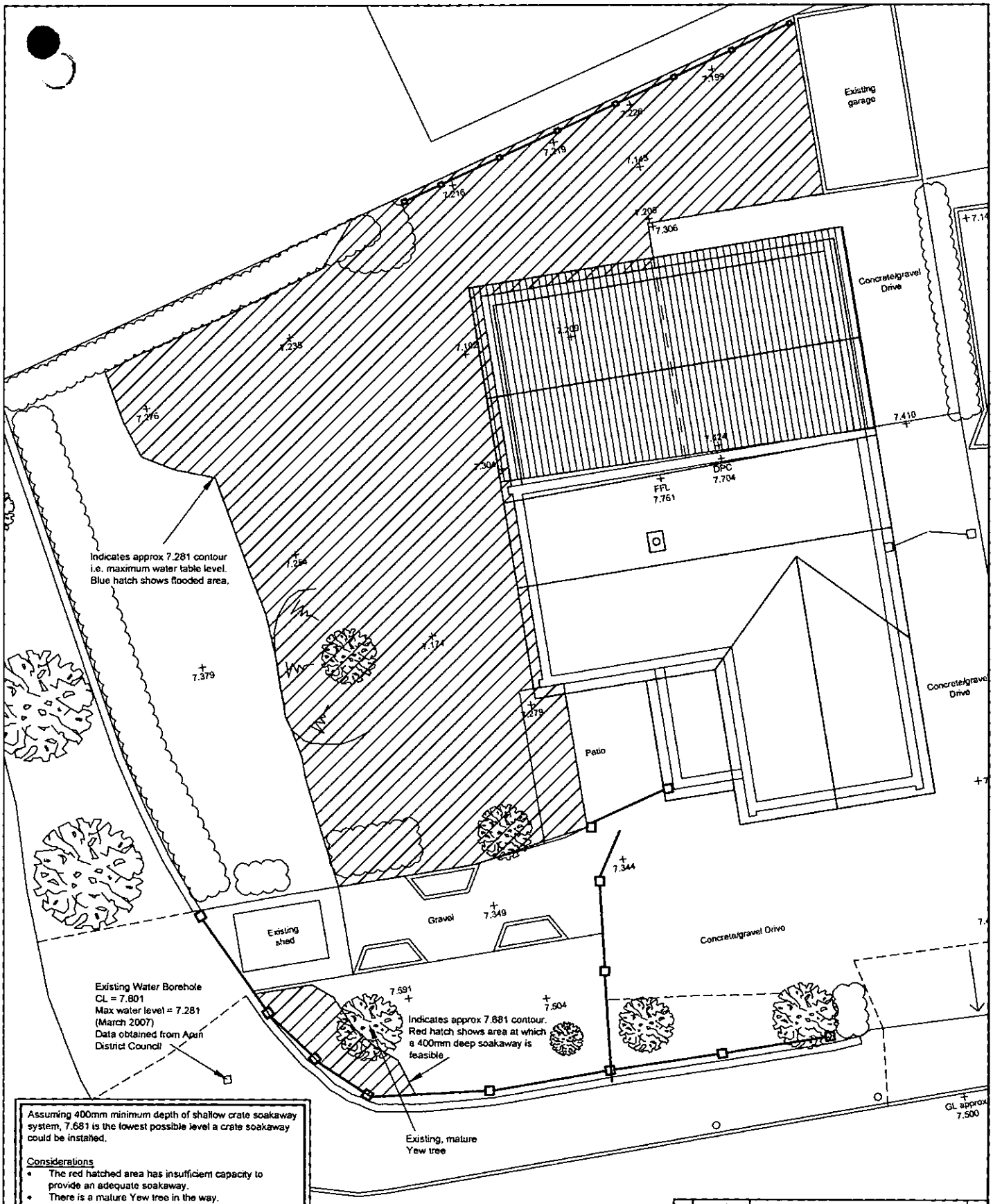

Assuming 400mm minimum depth of shallow crate soakaway system, 7.681 is the lowest possible level a crate soakaway could be installed.

Considerations

- The red hatched area has insufficient capacity to provide an adequate soakaway.
- There is a mature Yew tree in the way.
- There would not be any cover to the soakaway.
- The bottom of the soakaway would rest on the water table, therefore not effectively soaking away.
- A gravity feed can not be obtained from the house.
- The water draining from the soakaway would just flood the surrounding ground (as the majority is below the maximum water table level).

Conclusion

For these reasons stated above it is not considered feasible to drain the rainwater from the house using soakaways.

A connection into the main SW sewer will be sought.

MK	DATE	REVISION	BY

JOB TITLE

REAR EXTENSION TO
73 ELM GROVE, BARNHAM
WEST SUSSEX PO22 0HW

DRAWING TITLE

Drainage Design Statement

SCALE	DRAWING No.	REVISION
1:100 @A2	1019/10	-

ARUN DISTRICT COUNCIL EG/68/12/