

KEY: + 188.3 etc DENOTES EXTS GROUND LEVELS  
1000- - - - - DENOTES ADIP. PLOT FOWL DRAINIS & MH'S

187 contour  
APPRX TBC

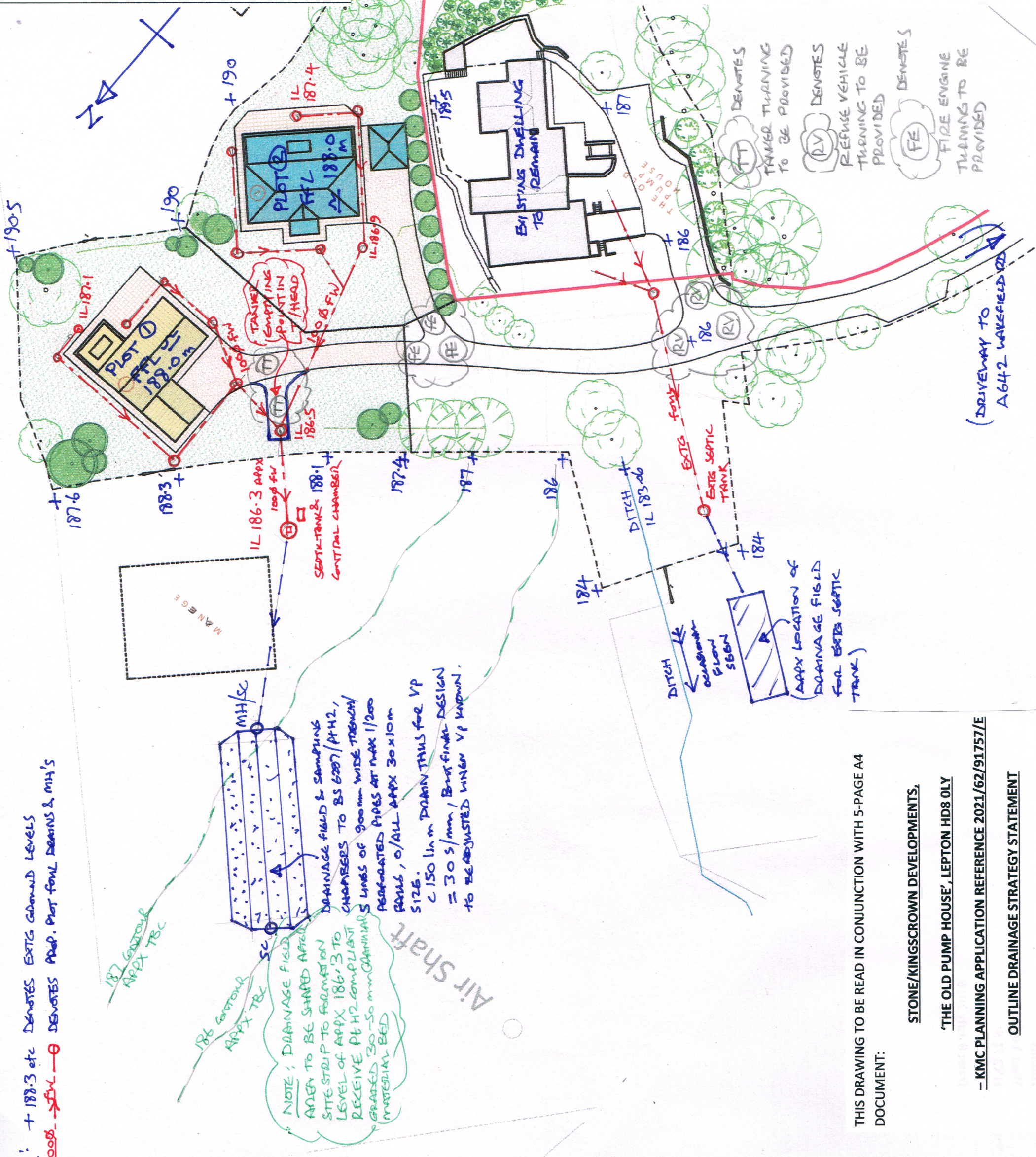
186 contour  
APPRX TBC

NOTE: DRAINAGE FIELD AREA TO BE SHAPED AFTER SITE STRIP TO FORMATION LEVEL OF APPX 186.3 TO RECEIVE PTH2 COMPLIANT GRADED 30-50mm GRANULAR MATERIAL BED

DRAINAGE FIELD & SAMPLING CHARGERS TO BS 6297/PTH2, PERFORATED PIPES AT MAX 1/200 FALLS, O/ALL APPX 30x10m SIZE.  
C 150 lin m DRAIN THUS FOR VP  
= 30 s/mm, BUT FINDER DESIGN TO BE ADJUSTED WHEN VP KNOWN.

Air Shaft

MANEGE



Notes to drg mkcl-121-DS1

1. This composite Architect's drawing with mkcl Engineering mark-ups is based on Planning Application 'Proposed Site Plan' drg 21-1142/(AL)01
2. This drawing shows Preliminary Assessment of land required for Drainage Field works for processed effluent from Septic Tank facilities for 2 new plots based upon a reasonable Vp percolation rate of 30 s/mm in the natural clays, silts and sands at up to 750mm below egl's. Actual Vp test results to be used in final design
3. Septic Tank to be Aerator/ blower type as WPL Diamond DMS 5 model for up to 18PE loading. This tank complies with Part H2 of B/Regs & also BS EN 12566-1 - Septic Tanks. Tank and kiosk/power supply point to be located as shown & the 2 dwellings will be tied to a Management Company for it's operation & maintenance.
4. Septic Tank location is within 30m of tanker access point on turning head for suction emptying to comply with B/Regs/BS's, also it is min 20m from any habitable room within a dwelling.
5. For SW drainage notes, please refer to the accompanying 'Outline Drainage Strategy Statement' document.

| Rev | Description                                        | By | Date    |
|-----|----------------------------------------------------|----|---------|
| A   | TANKER, FIRE & REFUSE VEHICLES TURNING NOTES ADDED | MK | 26/8/24 |

Client:

STONE/KINGSCROWN DEVELOPMENTS

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Project:

'THE OLD PUMP HOUSE', LEPTON HD8 OLY

Title:

OUTLINE DRAINAGE STRATEGY FOR PLANNING

Scale  
1/500 @A3

Date  
15 July 21

By  
MK

Drawing Number:  
mkcl-121- DS1

Revision:  
A

THIS DRAWING TO BE READ IN CONJUNCTION WITH 5-PAGE A4 DOCUMENT:

STONE/KINGSCROWN DEVELOPMENTS,  
'THE OLD PUMP HOUSE', LEPTON HD8 OLY  
- KMC PLANNING APPLICATION REFERENCE 2021/62/91757/E  
OUTLINE DRAINAGE STRATEGY STATEMENT