



NOTES ON PERMEABLE PAVING DESCRIPTION:

OUT SPUR ROAD 4 - PERVIOUS PAVING DESCRIPTION IN MICRODRAINAGE
CL 6.300
IL 5.440
CONTR 214m²
STORAGE 131m³
SLOPE AT 1/165

- FINISHED ROAD SURFACE AT THE DOWNSTREAM END OF PERVIOUS PAVING SECTION
- DOWNSTREAM FORMATION (BASE) LEVEL OF PERVIOUS PAVING GRANULAR SUB-BASE
- TOTAL AREA CONTRIBUTING TO THE SPECIFIC PERVIOUS PAVING SECTION
- AVAILABLE 'FLOOR' AREA OF THE PERVIOUS PAVING SECTION RECEIVING 'CONTR' AREA
- PERVIOUS PAVING BED 'UPHILL' SLOPE MEASURED FROM DOWNSTREAM END

PERVIOUS SECTION 'HARD BOUNDARY' NOT ALLOWING FORWARD FLOWS.
'HARD BOUNDARY' CONSTRUCTED AS WEIR ACROSS GRANULAR SUB-BASE
FULL DEPTH OF 600mm. INDICATES SEPARATE PERVIOUS PAVING SECTION
MODELLED IN MICRODRAINAGE

PERVIOUS SECTION 'WEIR' ALLOWING FORWARD FLOWS ONCE
OVERTOPPED. 'WEIR' DEPTH WITHIN GRANULAR SUB-BASE 580mm.
INDICATES SEPARATE PERVIOUS PAVING SECTION MODELLLED IN
MICRODRAINAGE

INDICATES SEPARATE PERVIOUS PAVING SECTION
MODELLED IN MICRODRAINAGE WITH NO 'WEIR' OR 'HARD
BOUNDARY'

150mm DIA LINK PIPE (WITH DIFFUSER UNIT) BETWEEN
SEPARATE SECTIONS OF PERVIOUS PAVING

4.003 MICRODRAINAGE MODELLING PIPE NUMBERS

INTENDED SUB-SURFACE SURFACE WATER FLOW WITHIN
PERVIOUS PAVEMENT SUB-BASE

PERVIOUS PAVING SECTION WITH GOOD INFILTRATION

PERVIOUS PAVING SECTION WITH POOR INFILTRATION.
SECTION MAIN PURPOSE IS TO STORE SURFACE WATER
AND ALLOW FORWARD FLOW TO SECTION WITH GOOD
INFILTRATION

SITE UNDER SEPARATE
PLANNING APPLICATION

OUT SPUR ROAD 1
CL 5.700
IL 4.840
CONTR 254m²
STORAGE 254m³
PERMEABLE PAVING BED SLOPE AT 1/285

OUT SPUR ROAD 2
CL 5.800
IL 4.940
CONTR 422m²
STORAGE 422m³
PERMEABLE PAVING BED SLOPE AT 1/84

SPUR ROAD 1
CL 5.850
IL 4.990
CONTR 280m²
STORAGE 215m³
PERMEABLE PAVING BED SLOPE AT 1/138

3
CL 5.700
IL 4.840
CONTR 233m²
STORAGE 183m³
PERMEABLE PAVING BED SLOPE AT 1/86

2
CL 6.000
IL 5.140
CONTR 214m²
STORAGE 149m³
PERMEABLE PAVING BED SLOPE AT 1/66

SPUR ROAD 2.1
CL 6.400
IL 5.540
CONTR 363m²
STORAGE 185m³
PERMEABLE PAVING BED SLOPE AT 1/210

CL 6.600
IL 5.840
CONTR 364m²
STORAGE 194m³
PERMEABLE PAVING BED SLOPE - FLAT

NON-INF PARKING 2
CL 6.700
IL 5.850
CONTR 1491m²
STORAGE 826m³
PERMEABLE PAVING BED SLOPE - FLAT

CL 6.500
IL 5.640
CONTR 196m²
STORAGE 121m³
PERMEABLE PAVING BED SLOPE AT 1/165

NON-INF PARKING 1
CL 6.500
IL 5.640
CONTR 861m²
STORAGE 861m³
PERMEABLE PAVING BED SLOPE - FLAT

OUT SPUR ROAD 3
CL 6.000
IL 5.140
CONTR 270m²
STORAGE 220m³
PERMEABLE PAVING BED SLOPE AT 1/65

19
CL 6.350
IL 5.490
CONTR 270m²
STORAGE 120m³
PERMEABLE PAVING BED SLOPE AT 1/65

OUT SPUR ROAD 4
CL 6.300
IL 5.440
CONTR 392m²
STORAGE 277m³
PERMEABLE PAVING BED SLOPE AT 1/430

SPUR ROAD 4
CL 6.400
IL 5.540
STORAGE 214m³
PERMEABLE PAVING BED SLOPE - FLAT

KEY TO HEALTH AND SAFETY SYMBOLS

ABNORMAL OR UNUSUAL RESIDUAL
RISKS ASSOCIATED WITH THE DESIGN
OUTCOMES SHOWN ON THIS DRAWING
MAYBE INDICATED BY MEANS OF THE
FOLLOWING SYMBOLS:

- INDICATES A RESIDUAL RISK
REQUIRING A COMPULSORY
ACTION.
- INDICATES A RESIDUAL RISK
FOR INFORMATION.
- INDICATES A RESIDUAL RISK
REQUIRING A PROHIBITIVE
ACTION.
- INDICATES A RESIDUAL RISK
AS A WARNING.

ALL HOUSE AND GARAGE
ROOFS ARE TO BE DRAINED
TO INFILTRATION BASIN

ALL HARD SURFACES,
ROADS, PARKING AREAS,
FOOTWAYS AND SIMILAR TO
BE DRAINED TO PERVIOUS
PAVING SUB-BASE.

ALL ROADS ARE TO REMAIN
AS PRIVATE

PRIVATE PERVIOUS DRIVES
ARE DESIGNED TO WORK
INDEPENDENTLY OF
PERVIOUS ROAD NETWORK
SYSTEM

DRAINAGE DESIGN SHOWN
SUBJECT TO APPROVAL FROM
THE LEAD LOCAL FLOOD
AUTHORITY AND LOCAL
PLANNING AUTHORITY

FOR PLANNING
PURPOSES ONLY



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Job Title
**LAND AT STAKERS FARM,
YAPTON**

Drawing Title
**PERVIOUS SYSTEM NETWORK
(70 UNITS)**

Client
**DANDARA LIMITED
(SOUTHERN)**

Scale 1:500@A1	Date JULY 20	Designed AK
Drawn AK	Checked SW	Approved JHM
Job No 19-156	Drawing No YAP-130-26	Rev -