



NOTES ON PERMEABLE PAVING DESCRIPTION:

OUT SPUR ROAD 4 - PERVIOUS PAVING DESCRIPTION IN MICRODRAINAGE

CL 6.300 - FINISHED ROAD SURFACE AT THE DOWNSTREAM END OF PERVIOUS PAVING SECTION

IL 5.440 - DOWNSTREAM FORMATION (BASE) LEVEL OF PERVIOUS PAVING GRANULAR SUB-BASE

CONTR 214m² - TOTAL AREA CONTRIBUTING TO THE SPECIFIC PERVIOUS PAVING SECTION

STORAGE 131m³ - AVAILABLE 'FLOOR' AREA OF THE PERVIOUS PAVING SECTION RECEIVING CONTR AREA

SLOPE AT 1/165 - 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 MODELLED IN

MICRODRAINAGE

INDICATES SEPARATE PERVIOUS PAVING SECTION

MODELLED IN MICRODRAINAGE WITH NO 'WEIR' OR 'HARD

BOUNDARY'

LINK PIPE (WITH DIFFUSER UNIT) BETWEEN SEPARATE

SECTIONS OF PERVIOUS PAVING

INTENDED SUB-SURFACE SURFACE WATER FLOW WITHIN

PERVIOUS PAVEMENT SUB-BASE

PERVIOUS PAVING SECTION WITH POOR INFILTRATION.

MAIN PURPOSE IS TO STORE SURFACE WATER AND

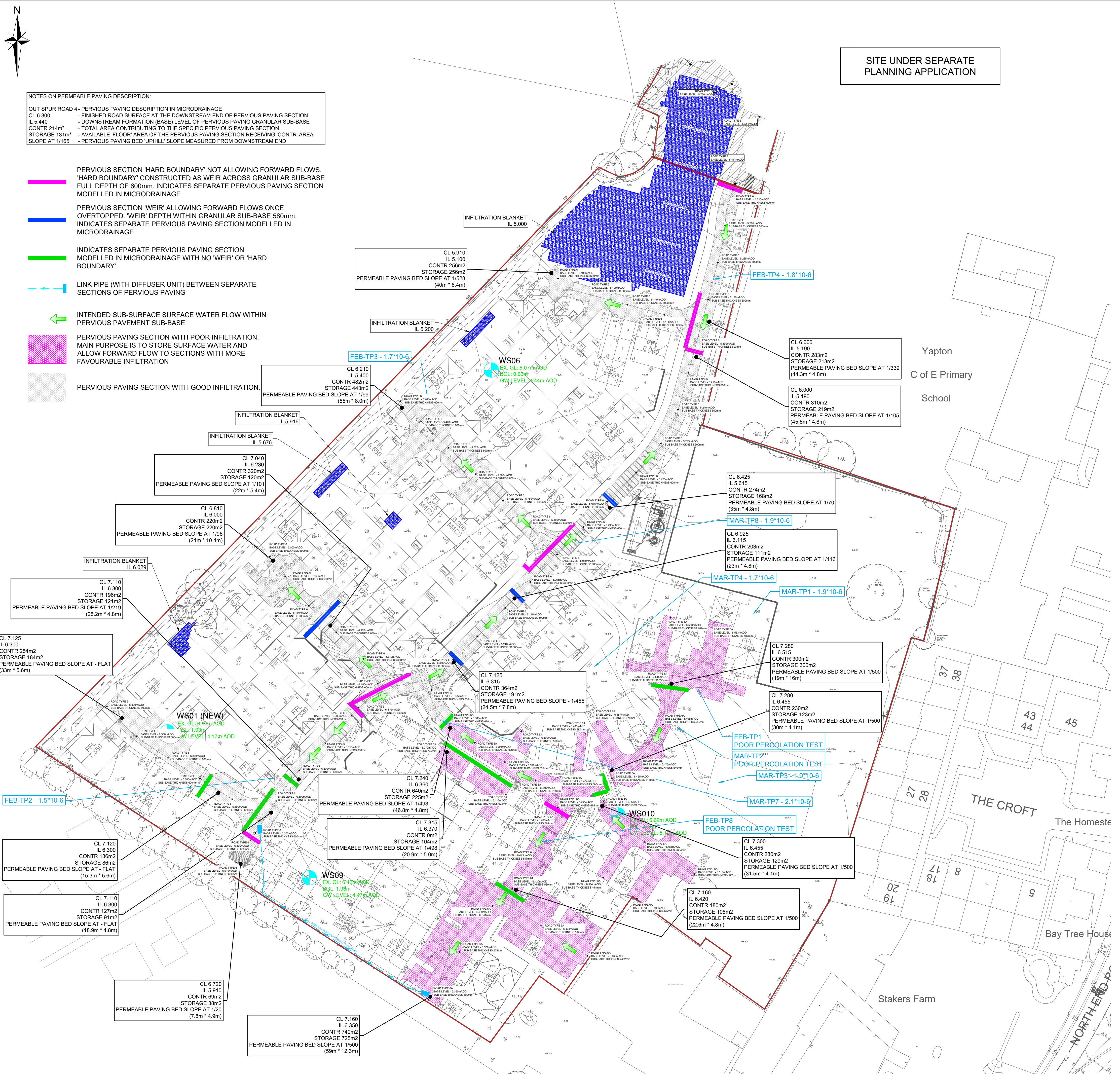
ALLOW FORWARD FLOW TO SECTIONS WITH MORE

FAVOURABLE INFILTRATION

PERVIOUS PAVING SECTION WITH GOOD INFILTRATION.

SITE UNDER SEPARATE

PLANNING APPLICATION



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.

FOR PLANNING PURPOSES

J	PERMEABLE PAVING SUB-BASE THICKNESS INDICATED	AK	SW	SW	16.09.21
I	SITE LAYOUT UPDATED (CAR PORTS AND LINK ROOFS OMITTED)	AK	SW	SW	17.12.20
H	PAVING FORMATION LEVELS UPDATED	AK	SW	SW	12.07.21
G	BRE365 TESTS RESULTS UPDATED	AK	SW	SW	09.06.21
F	UPDATED SITE LAYOUT	AK	SW	SW	30.04.21
E	UPDATED SITE LAYOUT	AK	SW	SW	20.01.21
D	UPDATES AS PER CLIENT'S COMMENTS	AK	SW	SW	18.12.20
C	UPDATES TO INFILTRATION FEATURES TO ADDRESS ARUN DC COMMENTS	AK	SW	SW	17.12.20
B	UPDATED SITE LAYOUT	OC	AK	SW	06/11/20
A	UPDATED FOR TENDER ISSUE	AK	SW	SW	30.09.20
Rev	Amendments	Dm	Chk	App	Date

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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
Drawn	AK	Checked	SW
Job No	19-156	Drawing No	YAP-130-026
Designed	AK	Approved	JHM
Rev	J		

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

- NOTES
- IN COMPLIANCE WITH CDM 2015 ODYSSEY HAS FOLLOWED ITS DESIGN RISK MANAGEMENT PROCESS FOR HAZARD ELIMINATION AND RISK REDUCTION IN DEVELOPING THE ODYSSEY DESIGNS SHOWN ON THIS DRAWING. THERE ARE NO ABNORMAL OR UNUSUAL RESIDUAL RISKS ASSOCIATED WITH THE DESIGN. ANY OTHER RESIDUAL RISKS ARE THOSE THAT WOULD NORMALLY BE EXPECTED BY COMPETENT PERSONS OR CONTRACTORS ENGAGED ON WORK OF THIS NATURE OR TYPE.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER.
 - DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
 - EXISTING DRAINAGE FEATURES AND GROUND LEVELS (SHOWN TO AN ORDNANCE DATUM) ARE BASED ON THE MK SURVEYS TOPOGRAPHICAL SURVEY - DWG NO. 26714 DATED MARCH 2019. ODYSSEY ASSUMES NO RESPONSIBILITY ON THE LEVEL OF ACCURACY OF SURVEY INFORMATION PROVIDED.
 - ALL DIMENSIONS SHOWN IN METRES UNLESS NOTED OTHERWISE.
 - ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ONSITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
 - IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
 - CONTRACTOR TO SURVEY FOR AND LOCATE THE POSITION AND DEPTH OF ALL SERVICES ACROSS THE SITE BEFORE COMMENCING ANY WORKS.
 - STATUTORY SERVICE DIVERSION WORKS - IF DEEMED NECESSARY - TO BE AGREED WITH THE APPROPRIATE STATUTORY UNDERTAKER.
 - FOR ROAD TYPES CONSTRUCTION DETAILS REFER TO DRAWING YAP-180-35 & YAP-180-36.