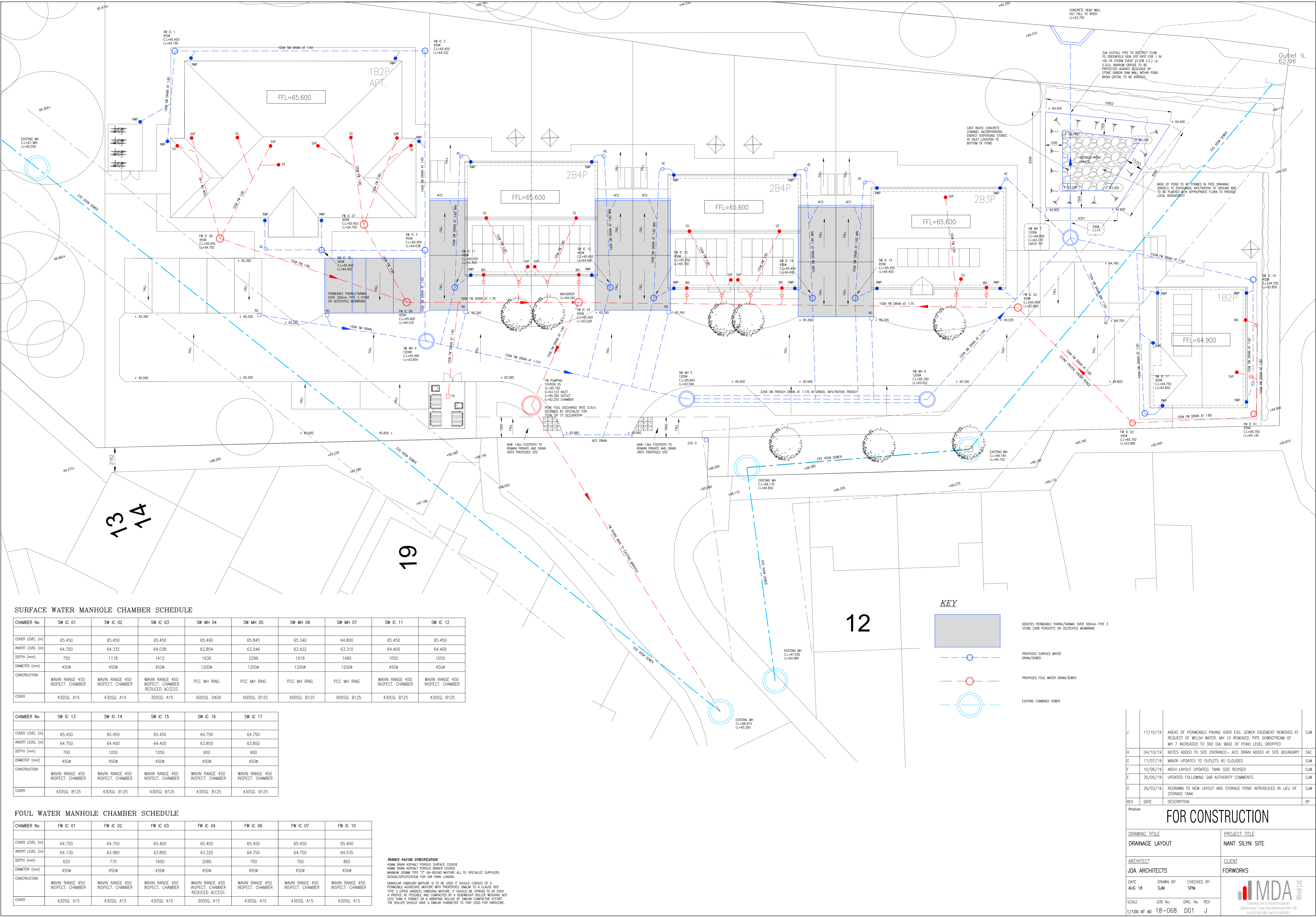




SURFACE WATER MANHOLE CHAMBER SCHEDULE

CHAMBER No	SW IC 01	SW IC 02	SW IC 03	SW MH 04	SW MH 05	SW MH 06	SW MH 07	SW IC 11	SW IC 12
COVER LEVEL (m)	65.450	65.450	65.450	65.490	65.845	65.340	64.800	65.450	65.450
INVERT LEVEL (m)	64.700	64.332	64.038	63.854	63.546	63.422	63.310	64.400	64.400
DEPTH (mm)	750	1118	1412	1636	2299	1918	1490	1050	1050
DIAMETER (mm)	450ø	450ø	450ø	1200ø	1200ø	1200ø	1200ø	450ø	450ø
CONSTRUCTION	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	PCC MH RING	PCC MH RING	PCC MH RING	PCC MH RING	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER
COVER	430SQ. A15	430SQ. A15	300SQ. A15	600SQ. D400	600SQ. B125	600SQ. B125	600SQ. B125	430SQ. B125	430SQ. B125

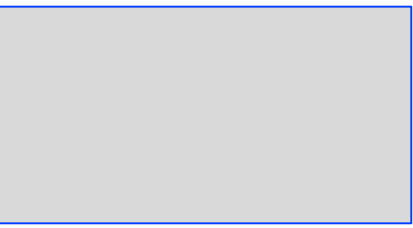
CHAMBER No	SW IC 13	SW IC 14	SW IC 15	SW IC 16	SW IC 17
COVER LEVEL (m)	65.450	65.450	65.450	64.750	64.750
INVERT LEVEL (m)	64.750	64.400	64.400	63.850	63.850
DEPTH (mm)	700	1050	1050	900	900
DIAMETER (mm)	450ø	450ø	450ø	450ø	450ø
CONSTRUCTION	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER
COVER	430SQ. B125	430SQ. B125	430SQ. B125	430SQ. B125	430SQ. B125

FOUL WATER MANHOLE CHAMBER SCHEDULE

CHAMBER No	FW IC 01	FW IC 02	FW IC 03	FW IC 04	FW IC 06	FW IC 07	FW IC 10
COVER LEVEL (m)	64.750	64.750	65.400	65.400	65.450	65.450	65.400
INVERT LEVEL (m)	64.130	63.980	63.600	63.320	64.750	64.750	64.535
DEPTH (mm)	620	770	1600	2080	700	700	865
DIAMETER (mm)	450ø	450ø	450ø	450ø	450ø	450ø	450ø
CONSTRUCTION	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER	WAVIN RANGE 450 INSPECT. CHAMBER
COVER	430SQ. A15	430SQ. A15	430SQ. A15	300SQ. A15	430SQ. A15	430SQ. A15	430SQ. A15

POROUS PAVING SPECIFICATION
40MM DRAIN ASPHALT POROUS SURFACE COURSE
60MM DRAIN ASPHALT POROUS BINDER COURSE
MINIMUM 300MM TYPE '1' UN-BOUND MIXTURE ALL TO SPECIALIST SUPPLIERS DESIGN/SPECIFICATION FOR CAR PARK LADING
GRANULAR UNBOUND MIXTURE IS TO BE USED IT SHOULD CONSIST OF A PERMEABLE AGGREGATE MIXTURE WITH PROPERTIES SIMILAR TO A GRADE 805 TYPE 3 (OPEN GRADED) UNBOUND MIXTURE. IT SHOULD BE SPREAD TO AS EVEN A PROFILE AS POSSIBLE AND COMPACTED BY A DOWNLIGHT ROLLER WORKING NOT LESS THAN 8 TONNES OR A VIBRATING ROLLER OF SIMILAR COMPACTIVE EFFORT. THE ROLLER SHOULD HAVE A SIMILAR CHARACTER TO THAT USED FOR HARDCORE.

KEY



DENOTES PERMEABLE PAVING/TARMAC OVER 300mm TYPE 3 STONE (30% POROSITY) ON GEOTEXTILE MEMBRANE



PROPOSED SURFACE WATER DRAIN/SEWER



PROPOSED FOUL WATER DRAIN/SEWER



EXISTING COMBINED SEWER

J	17/10/19	AREAS OF PERMEABLE PAVING OVER EXG. SEWER EASEMENT REMOVED AT REQUEST OF WELSH WATER. MH 10 REMOVED. PIPE DOWNSTREAM OF MH 7 INCREASED TO 300 DIA. BASE OF POND LEVEL DROPPED	SJM
H	04/10/19	NOTES ADDED TO SITE ENTRANCE - ACO DRAIN ADDED AT SITE BOUNDARY	SAC
G	17/07/19	MINOR UPDATES TO OUTLETS AS CLOUDED	SJM
F	10/06/19	ARCH LAYOUT UPDATED. TANK SIZE REVISED	SJM
E	30/05/19	UPDATED FOLLOWING SAB AUTHORITY COMMENTS.	SJM
D	26/03/19	REDRAWN TO NEW LAYOUT AND STORAGE POND INTRODUCED IN LIEU OF STORAGE TANK	SJM
REV	DATE	DESCRIPTION	BY
Status			
FOR CONSTRUCTION			
DRAWING TITLE		PROJECT TITLE	
DRAINAGE LAYOUT		NANT SILYN SITE	
ARCHITECT		CLIENT	
JDA ARCHITECTS		FORWORKS	
DATE	DRAWN BY	CHECKED BY	
AUG 18	SJM	SPM	
SCALE	JOB No	DRG. No	REV
1/100 AT A0	18-068	D01	J
MDA Wirral Ltd			
Calculating Civil & Structural Engineers Egerton House 2, Town Road, Blithfield CH41 1PL Tel: 0151 658 9995 Fax: 0151 658 9951			