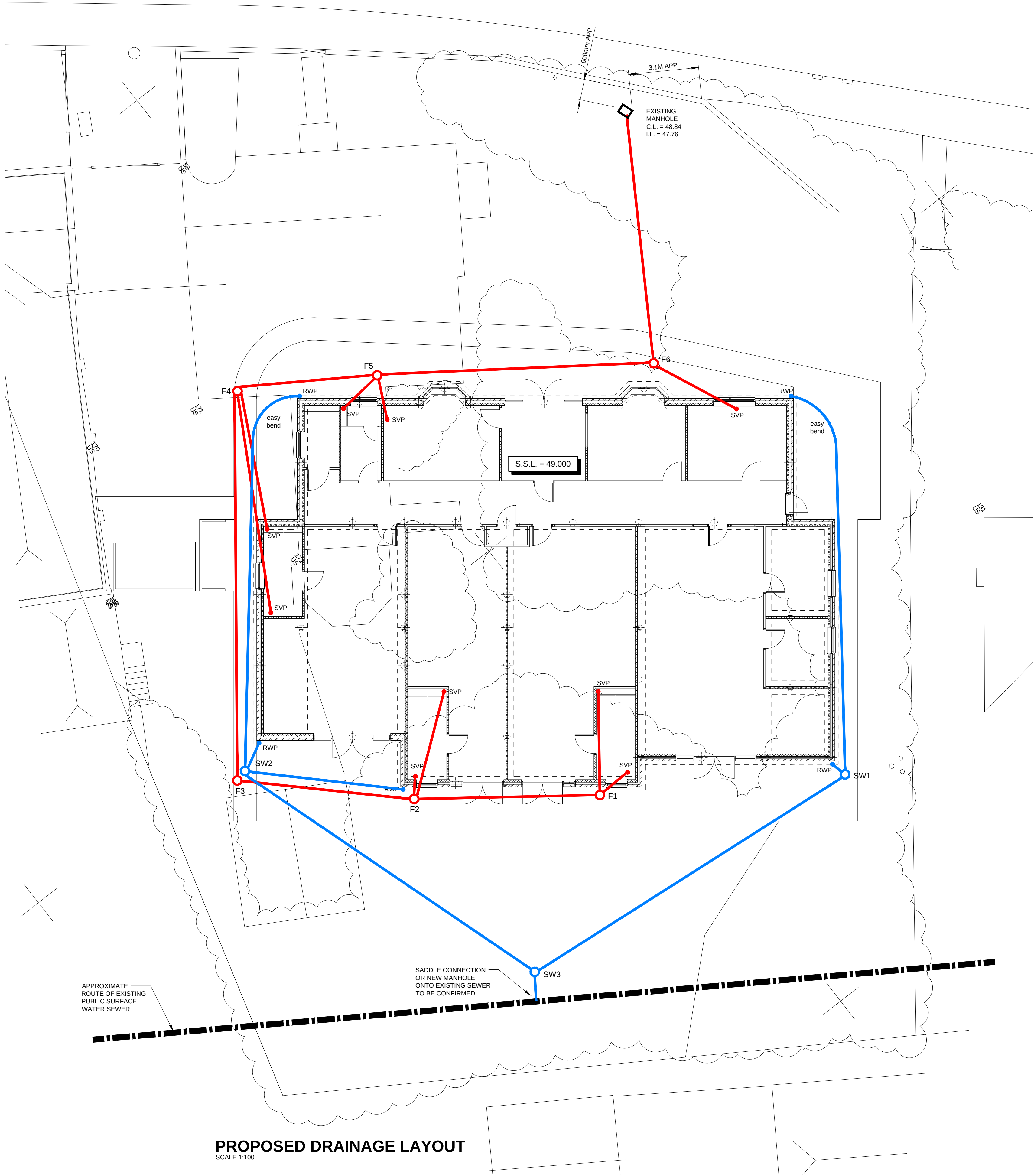
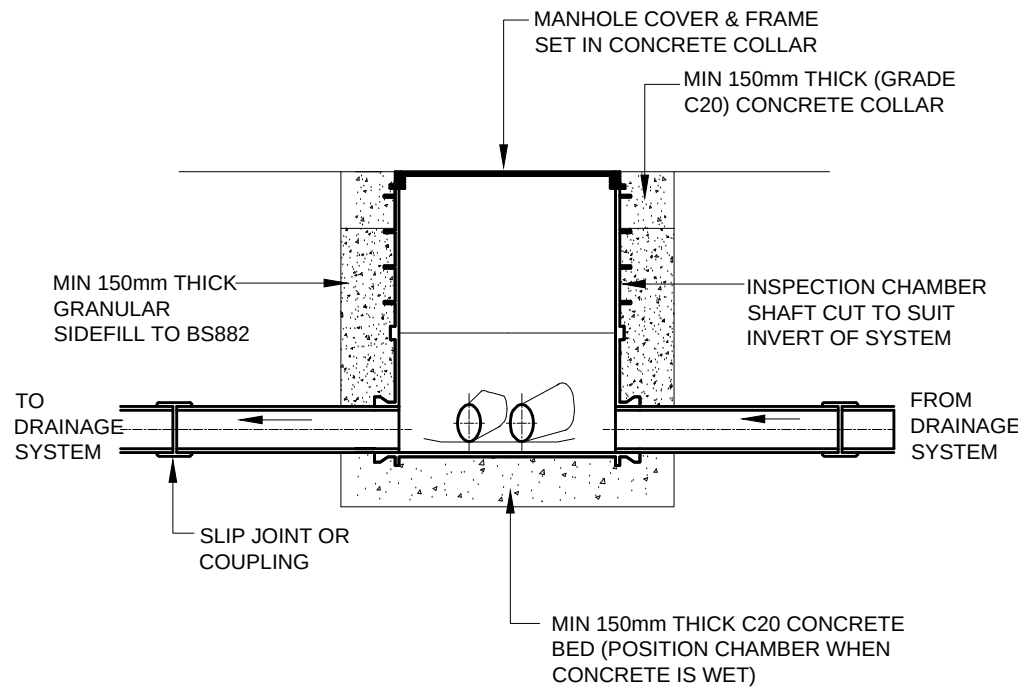




MANHOLE SCHEDULE						
I.C. NUMBER	PIPE DIA.	FALL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	NOTES
F1	100mm	1 in 80	48.545	TYPE A	GRADE C	NO VEHICLE ACCESS
F2	100mm	1 in 80	48.445	TYPE A	GRADE C	NO VEHICLE ACCESS
F3	100mm	1 in 80	48.350	TYPE A	GRADE C	NO VEHICLE ACCESS
F4	100mm	1 in 80	48.135	TYPE A	GRADE C	NO VEHICLE ACCESS
F5	100mm	1 in 80	48.055	TYPE A	GRADE C	NO VEHICLE ACCESS
F6	100mm	1 in 80	47.900	TYPE A	GRADE C	NO VEHICLE ACCESS
EXISTING MANHOLE	100mm	TBC	47.760	EXISTING	EXISTING	NO VEHICLE ACCESS
SW1	100mm	1 in 80	48.400	TYPE A	GRADE C	NO VEHICLE ACCESS
SW2	100mm	1 in 80	48.400	TYPE A	GRADE C	NO VEHICLE ACCESS
SW3	100mm	1 in 80	48.200	TYPE A	GRADE C	NO VEHICLE ACCESS



NOTES

ALL STRUCTURAL ENGINEERS DRAWINGS AND DETAILS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS, SPECIALISTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

DRAINAGE NOTES :-

MINIMUM FALL TO 100mm Ø DRAINS TO BE 1 IN 80 OR AS SHOWN

PIPES LESS THAN 900mm BELOW GROUND TO BE BEDDED AND ENCASED IN 150mm THICK MASS CONCRETE.

PIPES WITH LESS THAN 200mm COVER BELOW ROAD TO BE ENCASED IN 100mm REINFORCED CONCRETE BED AND SURROUND.

PIPES GENERALLY TO BE UPVC ENCASED IN A MINIMUM OF 100mm PEA SHINGLE SURROUND.

ALL WORKS TO BS8301 AND IN ACCORDANCE WITH THE BUILDING REGULATIONS.

BENDS UNDER SVP STACKS TO BE AS LARGE AS PRACTICAL, BUT 200mm MINIMUM RADIUS. THE BOTTOM OF THE BEND TO BE AT LEAST 750mm BELOW THE LOWEST DISCHARGE PIPE CONNECTION.

MANHOLES / INSPECTION CHAMBERS.

TYPE A - 450wd UPVC

MANHOLE / INSPECTION CHAMBER COVERS AND FRAMES TO BE :-

GRADE C - WHERE INACCESSIBLE TO VEHICLES

GRADE B CLASS 2 - DRIVEWAYS

LEGEND

100mm Ø FOUL WATER DRAIN

100mm Ø SURFACE WATER DRAIN

FOUL WATER F1 } INSPECTION CHAMBERS

SURFACE WATER SW1 }

SOIL VENT PIPE SVP

RAIN WATER PIPE RWP

EXISTING DRAIN

PRELIMINARY

P7	07.09.20	soakaways removed, SW discharges into existing sewer
P6	12.08.2019	existing manhole location confirmed, inverts amended
P5	28.03.2019	routed to different existing manhole
P4	20.03.2019	redesigned
P3	05.11.2018	LAYOUT UPDATED
P2	16.10.2018	UPDATED TO SUIT ARCHITECT'S LAYOUT
P1	15.10.2018	ISSUED FOR INFORMATION

rev.	date	description

CLIENT

WOODBERRY DAY NURSERIES

PROJECT

DAY NURSERY
208 LONDON ROAD
WATERLOOVILLE, P07 7AN

DRAWING TITLE

PROPOSED
DRAINAGE LAYOUT

THE STABLES
REAR OF 60 THE AVENUE
SOUTHAMPTON
SO17 1XS
Tel. No. 023 8072 0780
Fax No. 023 8072 0788

WRD

WRD Engineers Ltd.
Chartered Civil & Structural Engineers

date	drawn	checked	approved
OCT'18	RK	AN	AN
scale	AS SHOWN	revision.	P7

drg. no.
WRDEL \ 69603 \500

100mm

50

20

10

0

10

10

ORIGINAL DRAWING SIZE = A1 - 841mmx594mm