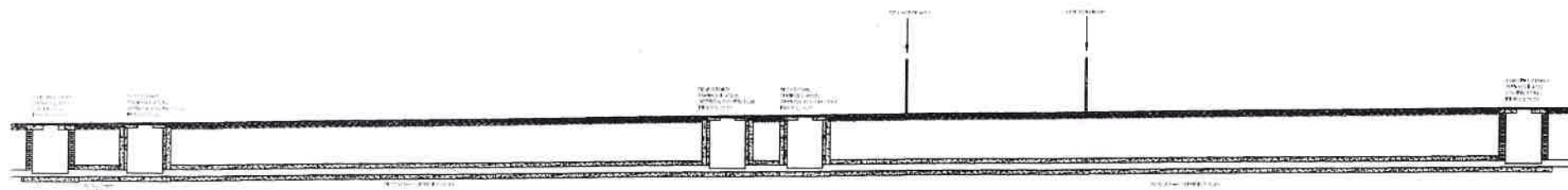


MANHOLE NO.	INTERNAL SIZE	INVERT	APPROX COVER LEVEL / GROUND LEVEL	COVER TYPE	ACCESS RUNGS	CONSTRUCTION	DRAIN DIA	COVER SLAB REQUIRED	NOTES
EXISTING STORM MANHOLE 4151	UNKNOWN	15.50	17.27	STEEL HEAVY-DUTY COVER AND FRAME	UNKNOWN	UNKNOWN	225mm VITRIFIED CLAY	N/A	N/A
NEW STORM MANHOLE 4151a	1200mm DIAMETER CONCRETE RING	15.52	17.32	PETER SAVAGE KD120 675x675mm D400 DUCTILE IRON COVER AND FRAME	NO RUNGS - STAINLESS STEEL EYE BOLTS TO BE RESIN ANCHOR FIXED INTO UNDERSIDE OF CONCRETE COVER SLAB FOR SECURING PORTABLE LADDER	1200mm DIAMETER PRECAST CONCRETE RINGS TO BS 5911: PARTS 1-4: 2002 AND BS EN 1917: 2000	225mm VITRIFIED CLAY	100mm PRECAST CONCRETE TO BS 5911-3:2010	LEAVE COVER SLAB 150mm BENEATH FINISHED GROUND, COVER WITH TOPSOIL AND TURF TO MATCH EXISTING
NEW STORM MANHOLE 4151b	1200mm DIAMETER CONCRETE RING	15.71	17.59	PETER SAVAGE KD120 675x675mm D400 DUCTILE IRON COVER AND FRAME	NO RUNGS - STAINLESS STEEL EYE BOLTS TO BE RESIN ANCHOR FIXED INTO UNDERSIDE OF CONCRETE COVER SLAB FOR SECURING PORTABLE LADDER	1200mm DIAMETER PRECAST CONCRETE RINGS TO BS 5911: PARTS 1-4: 2002 AND BS EN 1917: 2000	225mm VITRIFIED CLAY; 150mm VITRIFIED CLAY RADIAL FROM EXISTING DRAIN	100mm PRECAST CONCRETE TO BS 5911-3:2010	LEAVE COVER SLAB 150mm BENEATH FINISHED GROUND, COVER WITH TOPSOIL AND TURF TO MATCH EXISTING
NEW STORM MANHOLE 4151c	1200mm DIAMETER CONCRETE RING	15.73	17.63	PETER SAVAGE KD120 675x675mm D400 DUCTILE IRON COVER AND FRAME	NO RUNGS - STAINLESS STEEL EYE BOLTS TO BE RESIN ANCHOR FIXED INTO UNDERSIDE OF CONCRETE COVER SLAB FOR SECURING PORTABLE LADDER	1200mm DIAMETER PRECAST CONCRETE RINGS TO BS 5911: PARTS 1-4: 2002 AND BS EN 1917: 2000	225mm VITRIFIED CLAY	100mm PRECAST CONCRETE TO BS 5911-3:2010	LEAVE COVER SLAB 150mm BENEATH FINISHED GROUND, COVER WITH TOPSOIL AND TURF TO MATCH EXISTING
EXISTING STORM MANHOLE 4152	UNKNOWN	16.00	17.98	STEEL HEAVY-DUTY COVER AND FRAME	UNKNOWN	UNKNOWN	225mm VITRIFIED CLAY	N/A	N/A

MANHOLE SCHEDULE



LONGITUDINAL SECTION (1:100)

NOTES

Standards

All new drainage works designed in accordance with Sewers For Adoption 6th Edition (SFA 6) and Interim Technical Addendum No 1 - May 2011 (ITA No 1). All work to be undertaken in accordance with current Building Regulations.

Levels

All levels to be checked and confirmed on site.

New Manholes

To be in accordance with Typical Manhole Detail Type B. Manholes to be CPM Group (01178 814 500) or similar approved 1200mm diameter precast concrete rings bedded on 150mm base slab, encased in 150mm concrete, with 150mm thick precast concrete cover slab with 675x675mm aperture.

Manhole Covers

Peter Savage KD120 675x675mm Ductile Iron D400 cover and frame bedded onto cover slab to finish level with existing ground finish.

Additional signage to be supplied and installed by Southern Water in their own specification and wording as necessary.

Storm Sewer Pipework

New drainage to be Hepworth Building Products (0870 443 5551) or similar approved 225mm vitrified clay bedded in minimum 450mm thick layer of 10mm pea shingle ensuring minimum 150mm cover above pipe, backfilled with excavated soil and finished with turfs to match existing.

NOTES

All dimensions to be checked on site prior to any construction work. In the event of any discrepancy, the contractor shall be responsible for any variations in scaled dimensions.

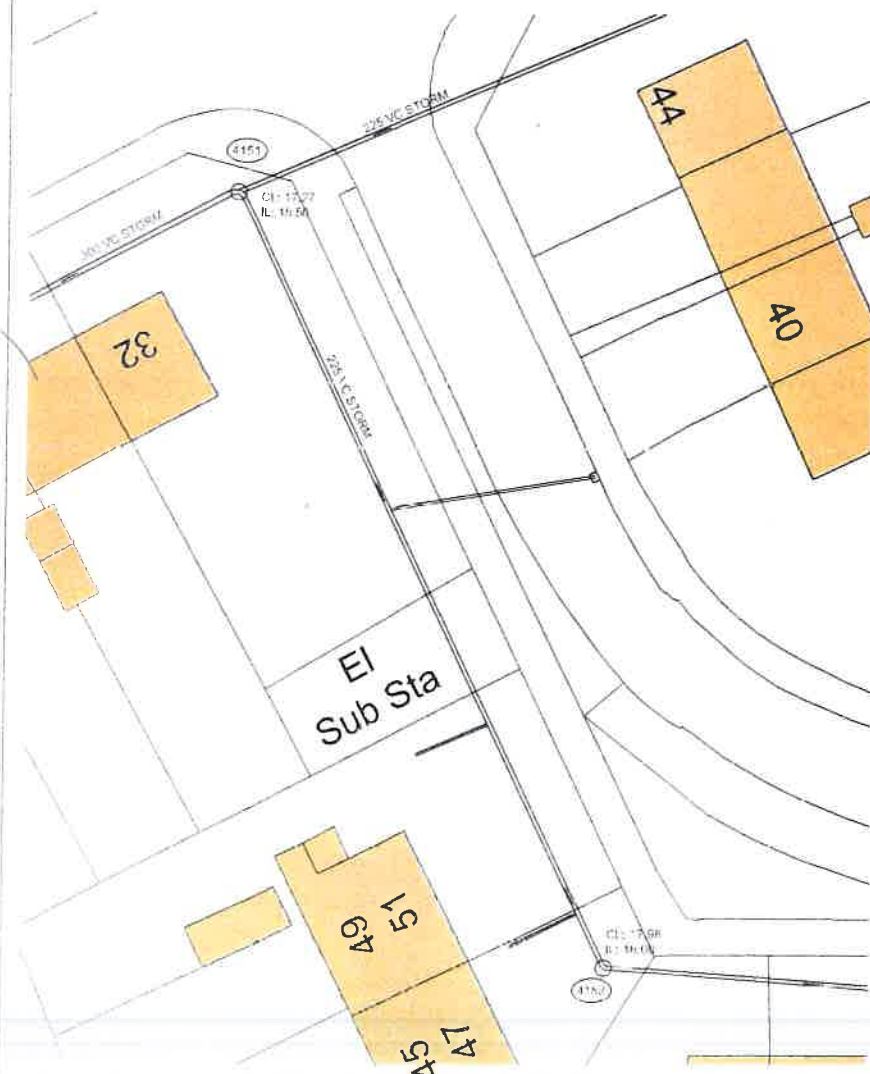
This drawing is the property of The Martin Ralph Group and must not be reproduced, in part or whole, or modified from without their permission.

It is essential that prior to commencement of any construction work, the contractor reviews the drawings and confirms all dimensions with the practice. Any discrepancies, variations, non-industry standard materials or other concerns.

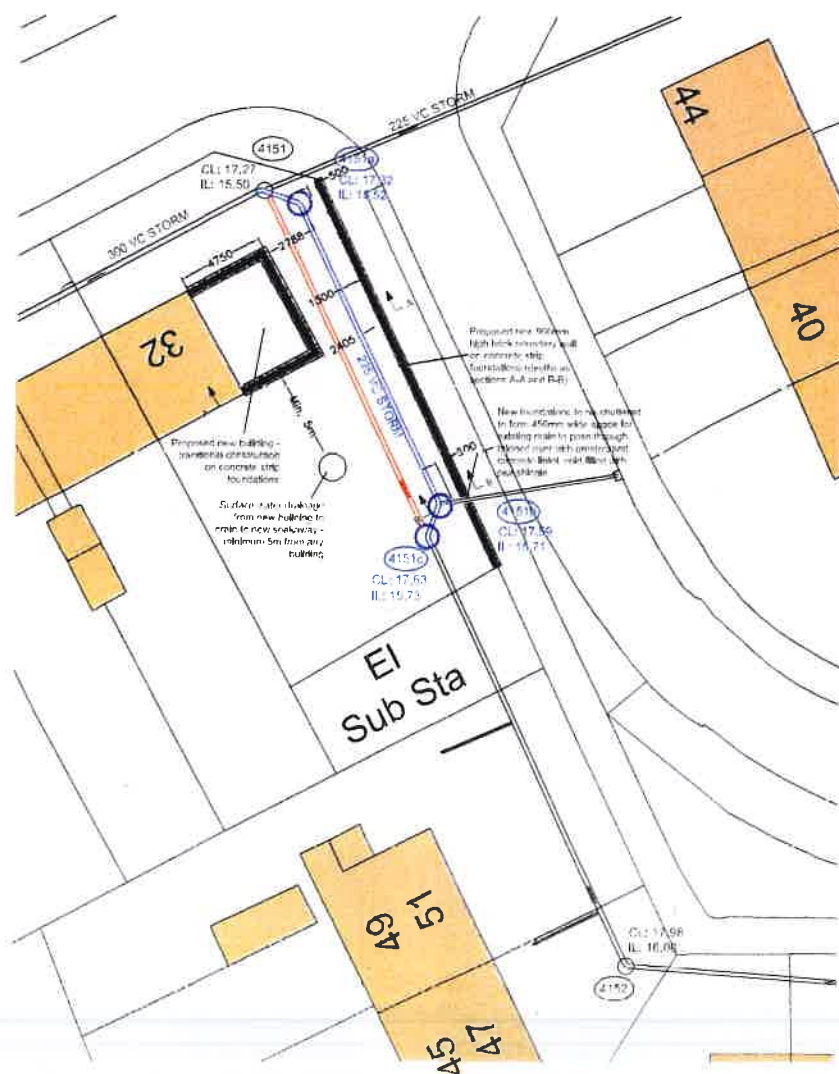
For both planning and construction purposes Structural, Mechanical and Electrical Engineers designs, calculations and other drawings are to take precedence over the layout drawings. Any discrepancies are to be brought to the immediate attention of The Martin Ralph Group.



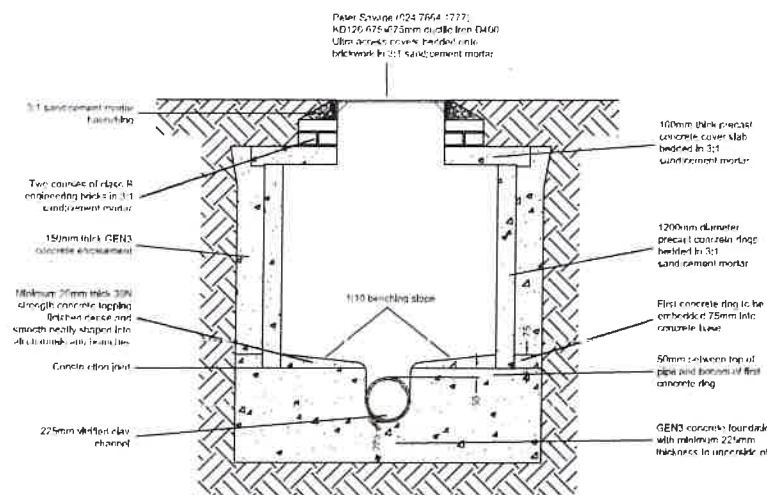
LOCATION PLAN (1:1250)



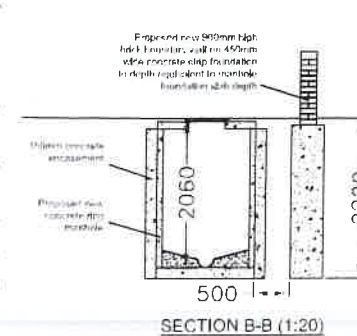
EXISTING SEWER LAYOUT (1:200)



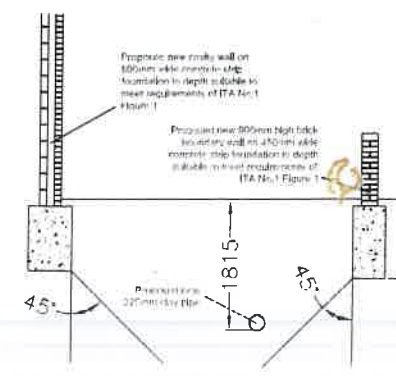
PROPOSED SEWER DIVERSION PLAN (1:200)



TYPICAL MANHOLE DETAIL
(TYPE B OF SFA 6th EDITION)
SCALE: 1:20



SECTION B-B (1:20)



SECTION A-A (1:20)

LEGEND

- EXISTING STORM PIPE
- PROPOSED STORM PIPE
- PROPOSED STORM PIPE TO BE ADOPTED (SHOWN IN BLUE)
- NEW MANHOLE

REVISIONS	DATE
C	MANHOLE TYPE B DETAIL AMENDED
B	MANHOLE DETAIL ADDED NEW SEWER AND 1/2 OFF BOUNDARY
A	FOUNDATIONS DESIGN ADDED LAYOUT PLAN & KEY AMENDED

CLIENT

MR J. ROBINSON
7 SHERFIELD AVENUE
LEIGH PARK
HAYANT
HAMPSHIRE
PO9 5HS

PROJECT

SEWER DIVERSION
32 HIGH LAWN WAY
LEIGH PARK
HAYANT
HAMPSHIRE
PO9 5BP

DRAWING TITLE

EXISTING & PROPOSED PLANS

DATE

10.02.2017

SCALE

1:20; 1:50; 1:100; 1:200; 1:1250

DRAWING NO.

17.033.JR.01

REVISION

G

MARTIN RALPH

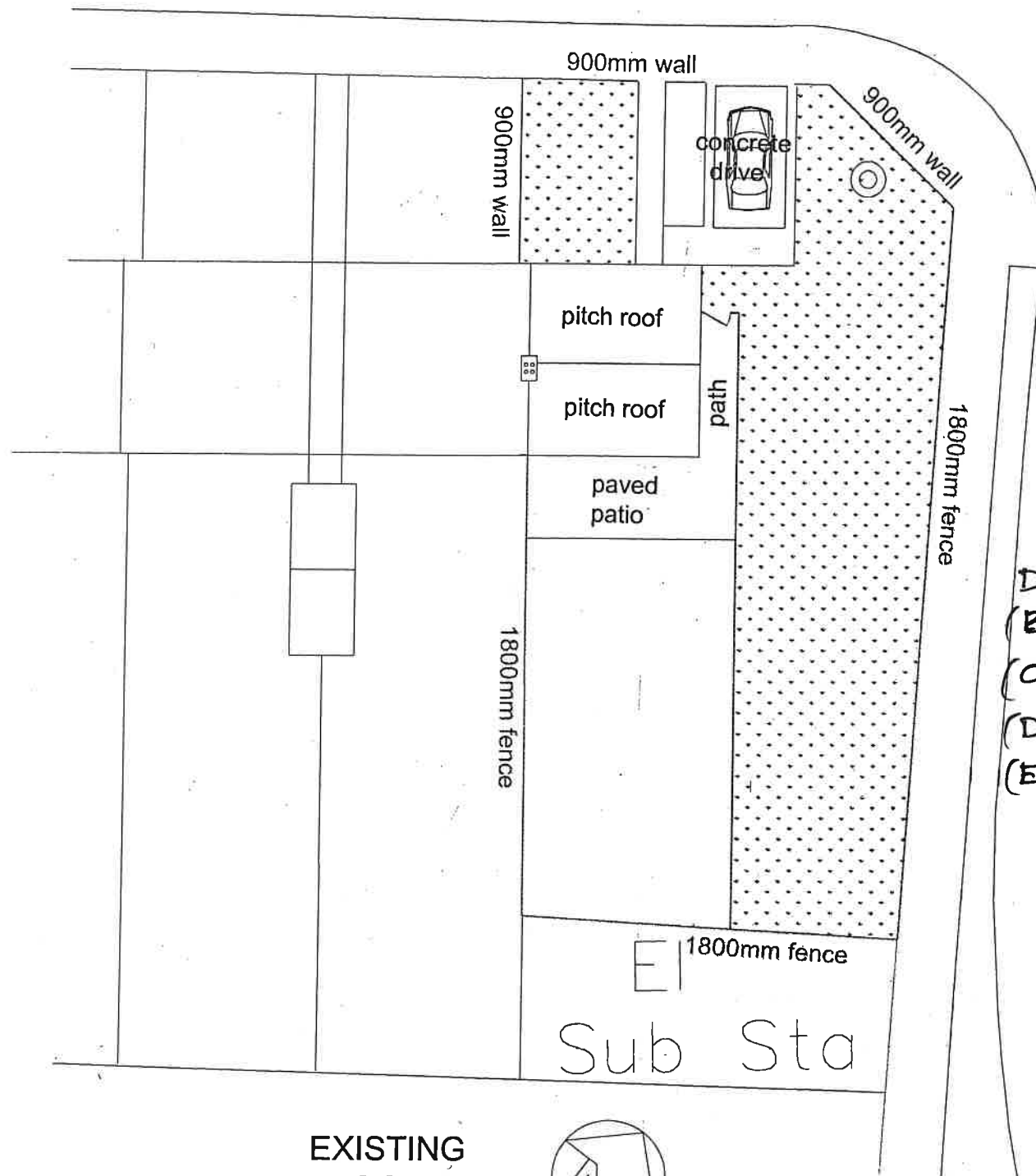
STRUCTURAL, MECHANICAL & ELECTRICAL

www.martinralph.co.uk

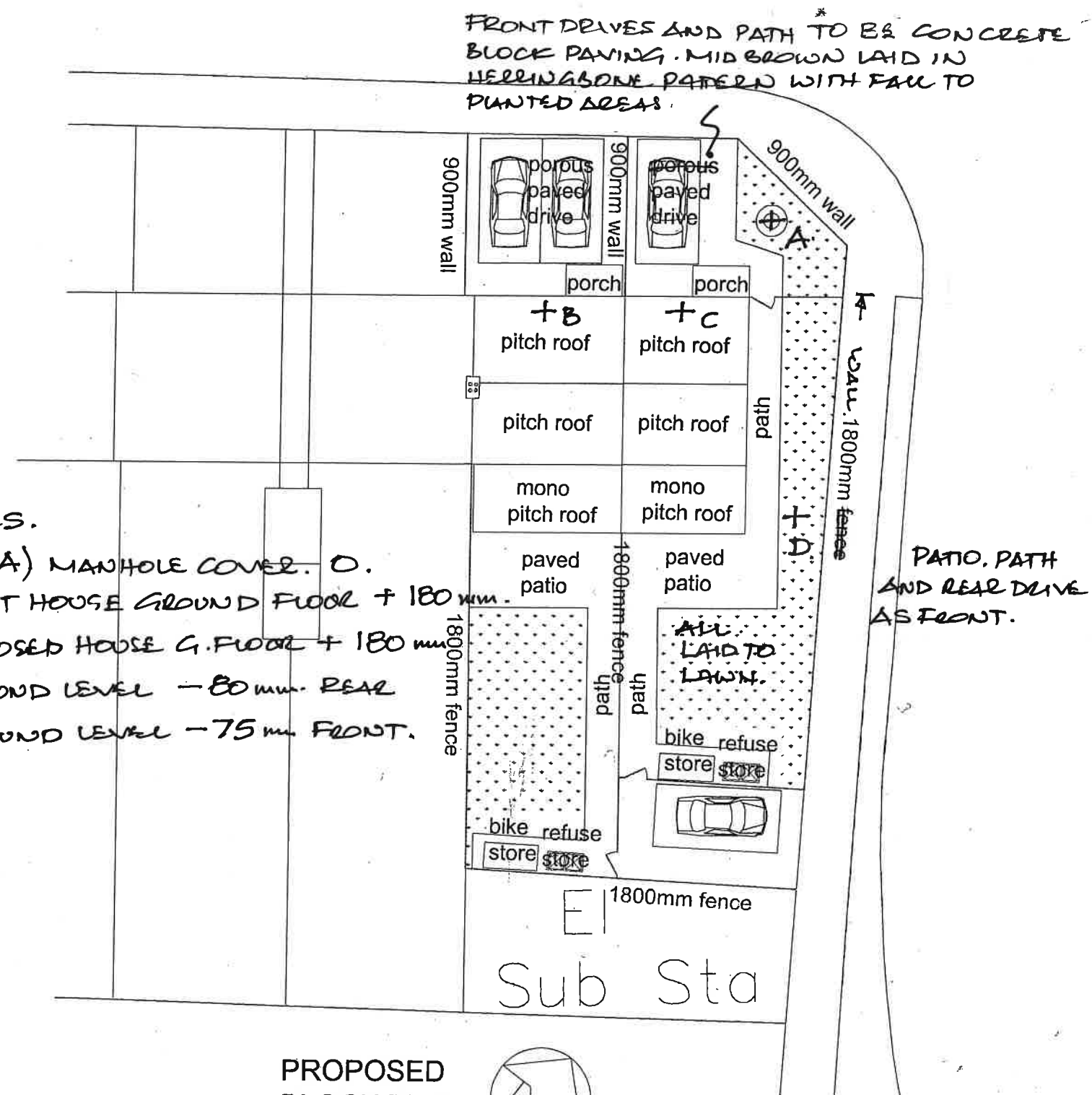
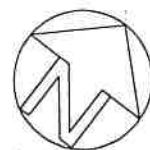
info@martinralph.co.uk

T: 01493 77777

F: 01493 77777

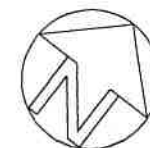


EXISTING
BLOCK PLAN
SCALE 1:200



LEVELS.
 DATUM (A) MANHOLE COVER. D.
 (B) EXIST HOUSE GROUND FLOOR + 180 mm.
 (C) PROPOSED HOUSE G. FLOOR + 180 mm.
 (D) GROUND LEVEL - 80 mm. REAR
 (E) GROUND LEVEL - 75 mm. FRONT.

PROPOSED
BLOCK PLAN
SCALE 1:200



MR&MRS ROBINSON 32 HIGHLAWN WAY HAVANT HANTS PO9 5BP	DRAWING NUMBER: 102	DATE 21/9/17 DATE 7/12/17
	TITLE: BLOCK PLAN REV A	SCALE 1:200