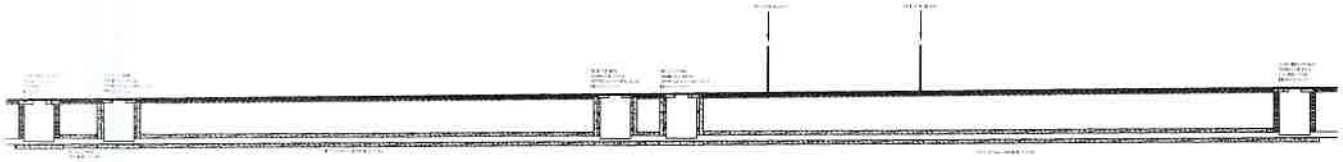
MANHOLE NO.	INTERNAL SIZE	INVERT	APPROX COVER LEVEL / GROUND LEVEL	COVER TYPE	ACCESS RUNGS	CONSTRUCTION	DRAIN DIA	COVER SLAB REQUIRED	NOTES
EXISTING STORM MANHOLE 4151	UNKNOWN	15.50	17.27	STEEL HEAVY-DUTY COVER AND FRAME	UNKNOWN	UNKNOWN	225mm VITRIFIED CLAY	N/A	N/A
NEW STORM MANHOLE 4151a	1200mm DIAMETER 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: 2300	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: 2300	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	17.83	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: 2300	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.

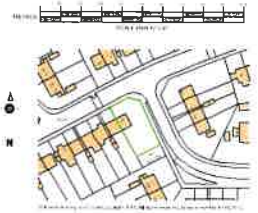
Levels
All levels to be checked and confirmed on site.

New Manholes
To be in accordance with Typical Manhole Detail Type B. Manholes to be CPM Group (01179 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.

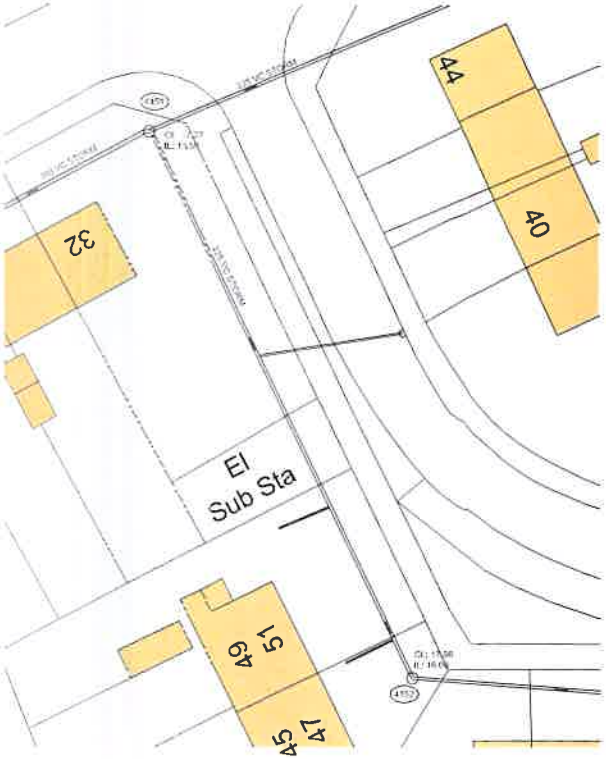
Manhole Covers
Peter Savage KD120 675x675mm Ductile Iron D400 cover and frame bedded onto cover slab to finish level with existing ground finish.

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

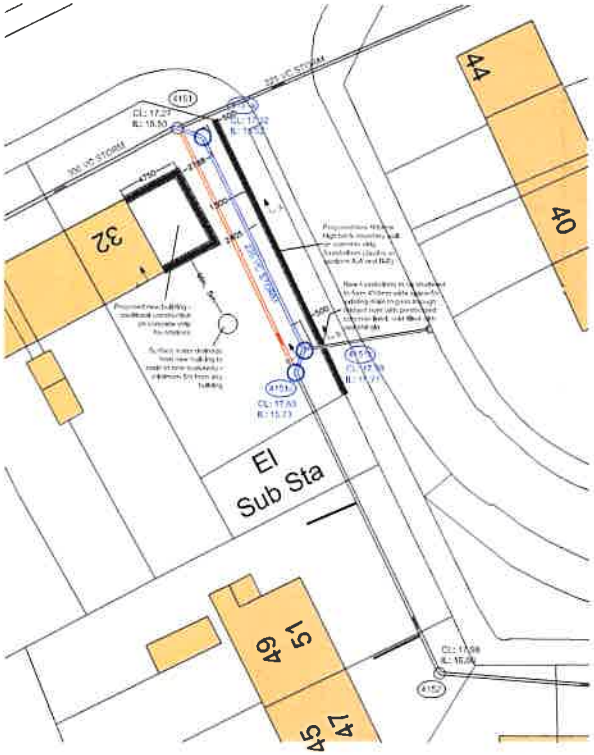
Foul Sewer Pipework
New drainage to be Hepworth Building Products (0870 443 5551) or similar approved 225mm clayfelt clay bedded in minimum 450mm thick layer of 10mm pea shingle ensuring minimum 150mm cover above pipe, backfilled with excavated soil and finished with turfs to match existing.



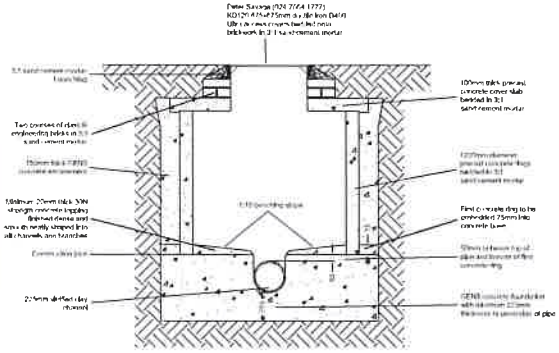
LOCATION PLAN (1:1250)



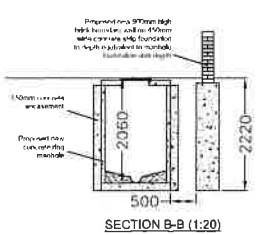
EXISTING SEWER LAYOUT (1:200)



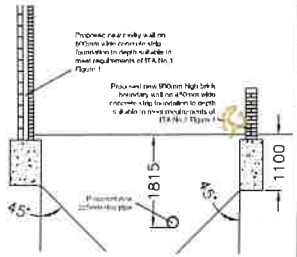
PROPOSED SEWER DIVERSION PLAN (1:200)



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



SECTION B-B (1:20)



SECTION A-A (1:20)

AMENDMENTS		DATE
C	MANHOLE TYPE B DETAIL AMENDED	24.05.2017
B	MANHOLE DETAIL ADDED, NEW SEWER MOVED OFF BOUNDARY	08.05.2017
A	FOOTPATHS DETAILS ADDED, LATERAL DRAINS ADDED, LOCATION PLAN & KEY AMENDED	13.04.2017

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

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

DRAWING TITLE
EXISTING & PROPOSED PLANS

DATE
10.02.2017

SCALE
1:200, 1:50, 1:100, 1:20, 1:1250

DRAWING NO. 17.033.JR.01

REVISION C

MARTIN RALPH
CHARTERED BUILDING CONSULTANTS
ARCHITECTS & ENGINEERS