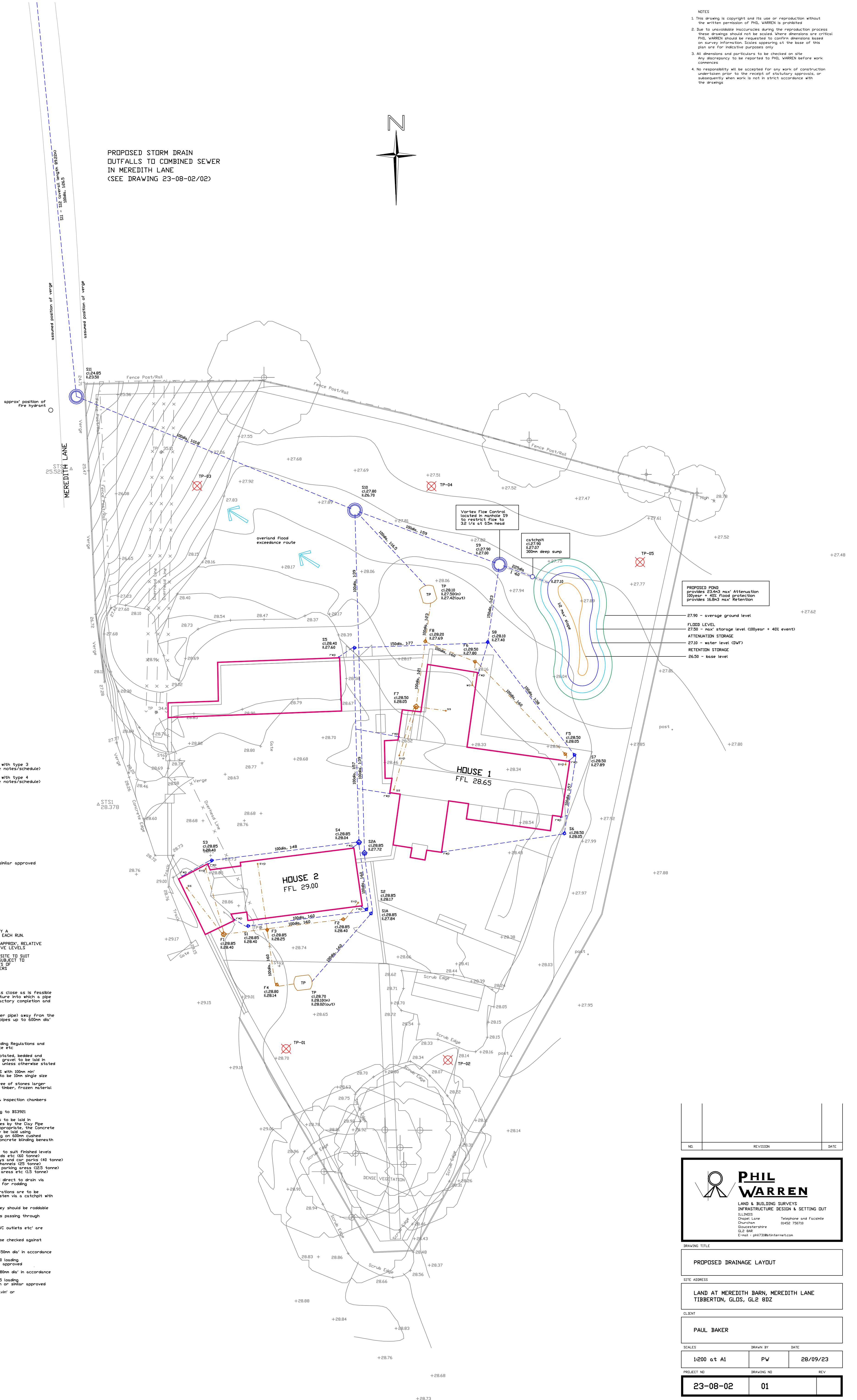
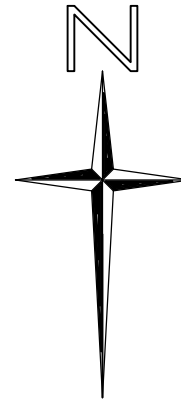


- NOTES
- This drawing is copyright and its use or reproduction without the written permission of PHIL WARREN is prohibited.
 - Due to unavoidable inaccuracies during the reproduction process these drawings should not be scaled where dimensions are critical. PHIL WARREN should be requested to confirm dimensions based on survey information. Scales appearing at the base of this plan are for indicative purposes only.
 - All dimensions and particulars to be checked on site. Any discrepancy to be reported to PHIL WARREN before work commences.
 - No responsibility will be accepted for any work of construction undertaken prior to the receipt of statutory approvals, or subsequently when work is not in strict accordance with the drawings.

PROPOSED STORM DRAIN
OUTFALLS TO COMBINED SEWER
IN MEREDITH LANE
(SEE DRAWING 23-08-02/02)



- LEGEND**
- Foul or Storm drain with type 3 access chamber (see notes/schedule)
 - Foul or Storm drain with type 4 access chamber (see notes/schedule)
 - TP-1 Soakaway trial pits
 - SVP soil & vent pipe
 - WO waste outlet
 - SS stub stack
 - BIG back inlet gully
 - RWP rainwater downpipe
 - TP Tricel Novo UK6 or similar approved Treatment Plant

GENERAL

ALL FFOUL WATER DRAINS ARE TO BE VENTILATED TO THE EXTERNAL AIR BY A CONVENTIONAL SVP AT THE HEAD OF EACH RUN, SURROUNDED IN A MINIMUM OF 150mm pea gravel to be laid in straight lines and at even gradients unless otherwise stated.

ALL PROPOSED COVER LEVELS ARE APPROX. RELATIVE TO PROPOSED FFL'S, AND GROUND/DRIVE LEVELS.

COVER LEVELS TO BE ADJUSTED ON SITE TO SUIT PROPOSED GROUND LEVELS IF NECC. SUBJECT TO MAINTAINING MIN. DEPTH REQUIREMENTS OF SPECIFIC MANHOLES / ACCESS CHAMBERS.

ROCKER PIPES

A Flexible joint shall be provided as close as is feasible to the outside face of any structure into which a pipe is built, compatible with the satisfactory completion and subsequent movement of the joint.

the length of the next pipe (rockers pipe) away from the structure shall be 600mm, for all pipes up to 600mm dia.

DRAINAGE

All works to comply with current Building Regulations and British Standards / Codes of Practice etc.

All underground drains to be as annotated, bedded and surrounded in a minimum of 150mm pea gravel to be laid in straight lines and at even gradients unless otherwise stated.

Pipe bedding material is to be class 5 with 100mm min' thick surround. Granular material is to be 10mm single size.

Backfill is to be with selected fill free of stones larger than 40mm, lumps of clay over 100mm, timber, frozen material and vegetable matter.

Pipes entering and leaving manholes & inspection chambers are to have rockers pipes as tabled.

Brickwork shall be class B Engineering to BS3921.

Drainage in 'made' or 'soft' ground is to be laid in accordance with technical advice notes by the Clay Pipe Development Association and where appropriate, the Concrete Pipe Association, and should generally be laid using short length pipes on class 3 bedding on 600mm crushed and compacted concrete with 75mm concrete bedding beneath the class 3 bed.

Cover levels are to be fixed on site to suit finished levels grade E600 to be used on trunk roads etc (40 tonne) grade S400 to be used in carriageways and car parks (40 tonne) grade C250 to be used in kerbside channels (25 tonne) grade B125 to be used on footways, parking areas (12.5 tonne) grade A15 to be used on pedestrian areas etc (1.5 tonne).

Rainwater downpipes to be connected direct to drain via adaptor, removable to permit access for rodding.

Any land drains severed by site operations are to be connected to the storm drainage system via a catchpit with a 300mm min' sump.

Where back inlet gullies are used they should be roddable.

Lintels are to be provided for drains passing through foundation brickwork and blockwork.

Positions of soil pipes, stubstacks, WC outlets etc are shown on Architects drawings.

Rainwater downpipe positions are to be checked against Architects drawings.

Type 3 access chambers to be min' 450mm dia' in accordance with Sewers for Adoption 7th Edition 'max' depth 3m to soffit, to suit 2400 loading, Tegra 500 or 600, by Wavin or similar approved.

Type 4 access chambers to be min' 150mm dia' in accordance with Sewers for Adoption 7th Edition 'max' depth 0m to soffit, to suit B125 loading, Shallow Inspection Chambers, by Wavin or similar approved.

Silt traps to be type 6L8600, by 'Wavin' or similar approved.

PROPOSED POND provides 23.4m³ max' attenuation 100year + 40% flood protection provides 16.8m³ max' Retention

27.90 = average ground level
FLOOD LEVEL
27.50 = max' storage level (100year + 40% event)
ATTENUATION STORAGE
27.10 = water level (GWFL)
RETENTION STORAGE
26.50 = base level

NO.	REVISION	DATE

PHIL WARREN
LAND & BUILDING SURVEYS
INFRASTRUCTURE DESIGN & SETTING OUT
ILLINGDIS
Chapel Lane Telephone and Facsimile
Churchine G648 7970
Gloucestershire G12 8BE
E-mail: phil@philwarren.com

DRAWING TITLE

PROPOSED DRAINAGE LAYOUT

SITE ADDRESS

LAND AT MEREDITH BARN, MEREDITH LANE
TIBBERTON, GLDS, GL2 8DZ

CLIENT

PAUL BAKER

SCALES DRAWN BY DATE

1:200 at A1 PW 28/09/23

PROJECT NO DRAWING NO REV

23-08-02 01