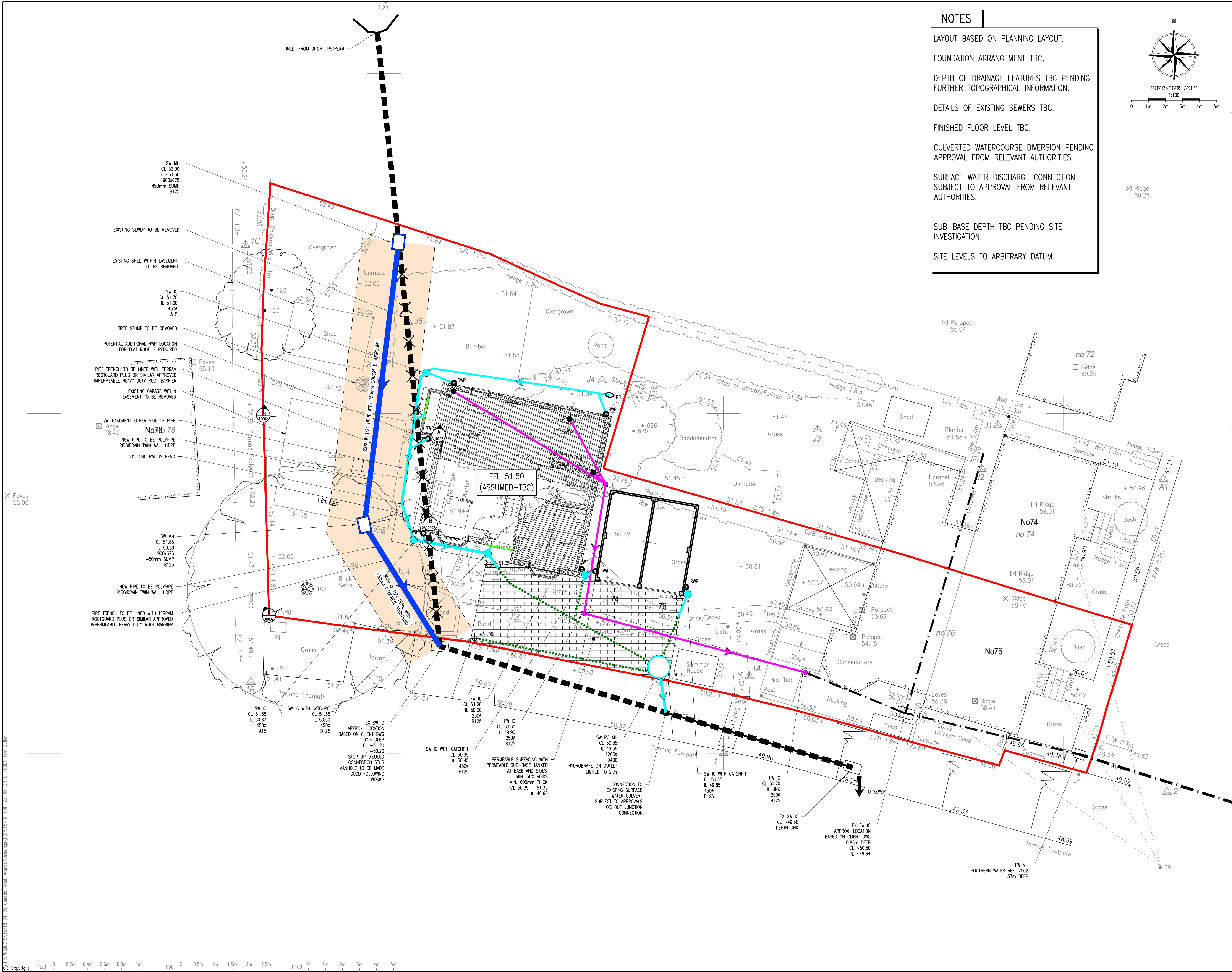




NOTES

LAYOUT BASED ON PLANNING LAYOUT.

FOUNDATION ARRANGEMENT TBC.

DEPTH OF DRAINAGE FEATURES TBC PENDING FURTHER TOPOGRAPHICAL INFORMATION.

DETAILS OF EXISTING SEWERS TBC.

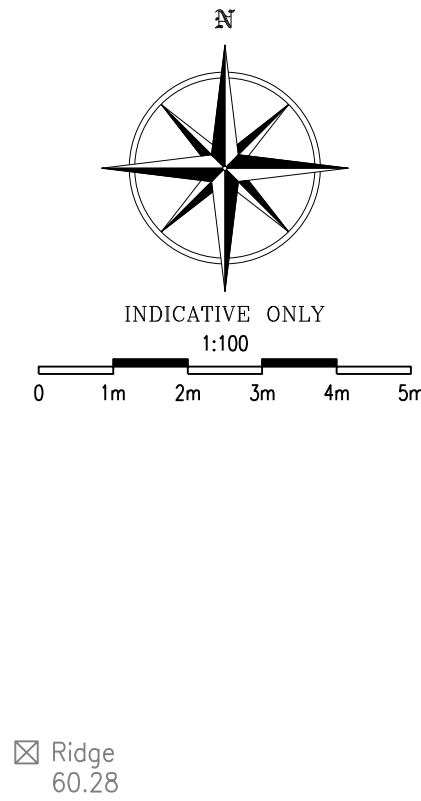
FINISHED FLOOR LEVEL TBC.

CULVERTED WATERCOURSE DIVERSION PENDING APPROVAL FROM RELEVANT AUTHORITIES.

SURFACE WATER DISCHARGE CONNECTION SUBJECT TO APPROVAL FROM RELEVANT AUTHORITIES.

SUB-BASE DEPTH TBC PENDING SITE INVESTIGATION.

SITE LEVELS TO ARBITRARY DATUM.



Project/Task No. 15718/01 Scale: 1:100 ORIGINAL DRAWING SIZE A1

1. GENERAL

- (i) This drawing is not to be scaled, work to figured dimensions only, confirmed on site.
- (ii) This drawing is to be read in conjunction with all relevant architectural drawings, detailed specifications where applicable and all associated drawings in this series.
- (iii) Any discrepancy on this drawing is to be reported immediately to the partnership for clarification.
- (iv) The contractor is responsible for all temporary works and for the stability of the works in progress.

2 DRAINAGE GENERAL

- (i) All foul and storm water drains which are not to be adopted as public sewers under a section 104 Agreement must be constructed in accordance with the Building Regulations, BS EN 752 and where appropriate the relevant agreement certificates.
- (ii) Manholes, gullies, gully connections, sewers and other sewerage structures intended to convey surface water are to be constructed in accordance with the Water Authorities Association Specification 'Sewers for Adoption' 7th Edition and relevant Council Design Guide.
- (iii) All concrete used in drainage works to comply with BRE Digest 363 for Class 2 sulphate conditions.

3 BELOW GROUND DRAINAGE

- (i) Pipework to be UPVC-U pipes to BS 4660 : 2000 and Inspection Chambers to BS 7158 : 2001.
- (ii) All adoptable drainage to be constructed in accordance with 'Sewers for Adoption' 7th Edition and the relevant Council Design Guide.
- (iii) All private surface water sewers to be laid at 1 in 80 unless otherwise stated on the drawing.
- (iv) All private foul water sewers to be laid at 1 in 40 at the head of pipe runs and 1 in 80 elsewhere unless otherwise stated.
- (v) All private foul sewer pipes to be 100mm diameter unless otherwise stated on the drawing. All private surface water sewer pipes to be 100mm diameter from downpipes and 150mm diameter elsewhere unless otherwise stated on the drawing.
- (vi) Allow for rodding access above ground where rainwater downpipes do not have a direct connection to an inspection chamber.
- (vii) Existing sewer pipe to be re-used to be surveyed and levelled prior to commencement of the drainage works and refurbished if necessary.
- (viii) Connections to an adopted sewer only to be made following approval from the relevant adopting Authority.
- (ix) All drains, sewer pipes and manholes to be cleaned and tested for water tightness on completion of construction.

4 MANHOLE COVERS & FRAMES

- (i) Manhole covers to be class D400 in highways, class B125 in footways and verges, class C250 in external maintenance vehicle access areas and verges, and class A15 in non-trafficked areas.
- (ii) Manhole covers and frames to be bedded and surrounded in 1:3 mortar.

5 PIPES

- (i) Plastic pipes shall be of unplasticised polyvinyl chloride (UPVC) complying with the requirements of BS EN 1401-1:2009.
- (ii) Concrete pipes shall be spun by a centrifugal process or be vertically pressed. They shall possess self inverting sockets and shall comply with the requirements of and be tested in accordance with BS 5911:2002.

LEGEND	
	FOUL WATER
	SURFACE WATER
	PROPOSED DRAIN
	PROPOSED CULVERT DIVERSION
	PROPOSED SLOTTED PIPE WRAPPED IN GEOTEXTILE
	EXISTING DRAIN
	EXISTING DRAIN TO BE REMOVED
	PROPOSED TYPE 2 MH 1200#
	PROPOSED TYPE 4 BRICK MH
	PROPOSED TYPE 3 INSPECTION CHAMBER 450mm# / 600mm#
	PROPOSED TYPE 4 INSPECTION CHAMBER 180mm# / 250mm#
	SOIL AND VENT PIPE
	RAIN WATER PIPE
	RODDING EYE
	PROPOSED THRESHOLD DRAIN
	SITE BOUNDARY
	PERMEABLE SURFACING
	2m CULVERT EASEMENT

SILT TRAPS, HYDROBRAKE, SUBBASE DETAIL UPDATED	TRB	MB	22.07.20	P6
ROOT BARRIER NOTE ADDED	MB	AK	22.05.20	P5
UPDATED TO DRAINAGE OFFICER COMMENTS NOTE ALTERED TO EXISTING MANHOLE	MB	AK	31.03.20	P4
UPDATED TO DRAINAGE OFFICER COMMENTS MH TYPE 4 ADDED O KEY, NOTES ADDED	MB	AK	31.03.20	P3
EASEMENT ADDED, ISSUED FOR OWC	MB	TRB	16.03.20	P2
FIRST ISSUE	MB	TRB	20.02.20	P1

PRELIMINARY DRAWING			
NOT FOR CONSTRUCTION			
PROPOSED DRAINAGE STRATEGY			
Project			
74-76 CANADA ROAD, ARUNDEL			
Client			
LYNNETTE ST-QUINTIN			
HOP CONSULTING CIVIL AND STRUCTURAL ENGINEERS			
HOP House, 41 Church Road Hove, East Sussex BN3 2BE www.hop.uk.com ask@hop.uk.com +44 (0)1273 223900			
Drawing No.			
15718-HOP-ZZ-XX-DR-C-10001			
Status			
S0			
Rev.			
P6			