

DO NOT SCALE

Notes

All levels shown are in metres and are relative to site datum.

Invert levels of all existing chambers and connection points are To be confirmed and engineer advised prior to commencement of any Drainage Works.

All Gully leads are to be Ø150  
Concrete slab is required to all gully leads and to all pipes in highways/hardstanding where cover to pipe <1200mm.

All pipes to be either extra strength V.C. to BS 65 or concrete pipes Class 120 to BS 5911 except where noted

All existing drainage that is not to be used in the proposed scheme to be grubbed up and removed from site in accordance with current best practices.

Connection to existing sewers by contractor

Attenuation tank sized using WinDes by MicroDrainage. Tank to be manufactured & supplied by others. Actual product will be determined by the available depth following information on invert levels of discharge manholes as requested.

Attenuation tank is sized on 1 in 100yr storm plus an allowance of 30% for climate change, surface water manholes and pipes have been upsized to prevent exceedances during the 1 in 100yr plus 30% event.

S.H.E.  
Do not excavate until all underground services have been identified and marked out. Refer to service providers drawings and to the utilities survey drawings. Unknown underground services may exist. Check for services by carrying out a scan with a cable avoidance tool. (CAT Scan)

Legend

- F1 — Foul Water drain
- S1 — Surface Water Drain
- S1 — Proposed Additional Carpark Drainage
- Existing Combined Sewer
- PU — Drainage pop up  
(shown indicatively - located by Architects/M+E Consultants, contractor must take dimensions from Architects layout)
- RE — Rodding Point
- G — Gully

Issued for Planning	JJH	P1	MR	26.11.2015
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AMENDMENT	BY	REV	CHK	DATE
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Rev P = Preliminary T = Tender C = Construction AB = As Built

In instances where this drawing completes or partly completes a contract, Billinghurst George & Partners will consider that it's product has been validated, unless in a period not exceeding 90 working days, the client advises to the contrary.

Client  
**South Tyneside NHS Foundation Trust**

Project  
**South Tyneside General Hospital Integrated Care Hub**

Drawing Title  
**Proposed Drainage Layout Additional Carparking Area**

Drawn	JJH	Date	November 2015
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Checked	MR	Date	November 2015
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Scale	1:150	Original Size	A1
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Drg. No.	14T638-110	Rev.	P1
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