FILE LOCATION: F:\12250 - 12499\12291 - THE GREENWOOD CENTRE\2-CIVILS\1-AUTOCAD\1-WORKING DRAWINGS\12291-CRH-GC-XX-DR-C-5056

No deviation from the details shown on this drawing is allowed without CampbellReith's prior permission in writing. Read this drawing with all Architects, Service Engineers and CampbellReith's relevant details and drawings. NB. Setting-out dimensions as per the Architect's drawings take precedence. All work is to be in accordance with the relevant specifications issued by CampbellReith, British Standard Codes of Practice, Statutory requirements and the Contract Documents.

P: PRELIMINARY - Evolving drawings for approvals, Tenders, Billings, etc. C: CONSTRUCTION - Fully developed drawings issued under instruction for construction.

DOCUMENTATION (FOR CONTRACTOR PURPOSES): D1 - For costing, D2 - For Tender, D3 - For contractor design, D4 - For manufacture / procurement.

The proposed building outlines shown on this drawing are indicative only. Refer to architects External rain water pipes, & internal svp's, ss's, dp's & floor gully locations/connections etc.

Shown on this drawing are approximate/ indicative only. Refer to archs drgs for their exact All external adoptable storm pipework & lateral connections shown falls of 1:120 unless

O All external private storm pipework & lateral connections shown on this drawing are to be 100Ø & are to have minimum falls of 1:100 unless stated otherwise. All external private foul pipework & lateral connections shown on this drg are to be 100Ø & are to have minimum

1 Existing adopted/non-adopted storm & foul water mh's & sewers which have been made redundant by new storm/foul systems, shall be abandoned/removed. Existing sewer &

manholes are to be abandoned//removed in compliance with L.A. specifications. 12 Cover levels shown on this drawing are approximate & are to be adjusted to suit finished pavement levels on site by contractor. Covers shall be orientated to suit pavement finishes.

a) All underslab foul connections upto first external inspection chamber/ manhole are to be 100Ø & are to have a minimum fall of 1:40 unless stated otherwise. After first external inspection chamber/manhole connections are to be 100Ø & have a minimum fall of 1:80

b) All underslab storm connections upto first external inspection chamber/ manhole are to be 100Ø & are to have a minimum fall of 1:40 unless stated otherwise. After first external inspection chamber/manhole connections are to be 100Ø & have a minimum fall of 1:100

c) Final orientation & position of first external chambers receiving underslab connections are d) Bends along underslab connections are to be long radius 5-45°. Bends at

e) All under slab drainage connections are to be clear of unit foundations unless unavoidable. Refer to CRH structural drawings for exact location of unit foundations.

determined on site to suit the number of bends in each connection is to be kept to a

non-adoptable storm/foul sewerage to be laid soffit to soffit unless stated otherwise. 15 External rainwater pipes are to be roddable above ground (refer to details).

18 Class Z concrete encasement required where vertical clearance between two pipes is less 19 For the provision of land drainage if required refer to landscape architect for

20 At least one soil pipe at at the head of each run shall vent to the atmosphere. 21 All adoptable drainage shown on this drawing shall be constructed in accordance with water

----- PROPOSED FOUL WATER SEWER. PROPOSED FOUL WATER MANHOLE AND SEWER. PROPOSED FOUL WATER INSPECTION CHAMBER. PROPOSED FOUL WATER RODDING EYE PROPOSED STORM WATER PIPE INVERT LEVEL MARKER PROPOSED FOUL WATER STUB PROPOSED SOIL VENT PIPE PROPOSED FLOOR GULLY PROPOSED COMBINED WATER PROPOSED COMBINED WATER MANHOLE AND SEWER

EXTENT OF BUILDING BASEMENT

ALTERNATIVE COMBINED WATER

\*CIGB - DENOTES CAST IN FILE CAF

\*CIGB - DENOTES CAST IN GROUND BEAM

\*CTGB - DENOTES CUT THROUGH GROUND BEAM
AND CELCORE LOCALLY REMOVED

ALL PIPES ARE TO PASS BENEATH GROUND BEAMS AND PILE CAPS UNLESS NOTED OTHERWISE.

01.12.16 ST 28.06.16 MG 24.03.16 MG

 

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 □
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 BRISTOL 0117 916 1066 □ □ DUBAI 00 971 4345 7088

**GREENWOOD CENTRE** 

PROPOSED FOUL WATER DRAINAGE LAYOUT

1:100

Drg No. 12291-CRH-GC-XX-DR-C-5056 D2