



- NOTES :
1. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and specialists' drawings and specifications.
  2. Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check that this drawing has been printed to the intended scale this bar should be 50mm long @ A1 or 25mm long @ A3.
  3. Health & Safety : All specific drawing notes are to be read in conjunction with the project "Information Pack" and "Site Rules".
  4. All proposed RWP's and FWP's shown indicatively only, to be confirmed by the Architect and M&E Engineer.
  5. It is assumed that all rainwater downpipes are retained and drain as existing.
  6. All proposed pipework to be vitrified clay.
  7. All pipework to be 100mm in diameter unless stated otherwise
  8. Provision to be made to rebuild existing manholes with new drainage connections.
  9. All disused pipework to be abandoned/demolished.
  10. Existing drainage and utilities information taken from survey drawing by Greenhatch Group ref: 36874\_01\_P.
  11. Earth Duct layout design by the M&E Engineer.

DRAINAGE LEGEND

Site Boundary

New FW Drain

New SW Drain

New Combined Drain

New Foul Rising Main

Existing SW Drain

Existing FW Drain

Existing Combined Drain

DRAINAGE KEY

FWP

RWP

C1

FWPC1

Foul Waste Pipe

Rainwater Downpipe

Combined Water Manhole Chamber

Pumping Station Manhole Chamber

ABBREVIATIONS

IL

CL

- Invert Level

- Cover Level

P02	28.03.21	TP	YA	Issued for Stage 3
P01	28.01.21	WS	YA	Issued for Stage 3
Rev	Date	Drawn	Eng	Amendment

ACLAND BURGHELEY SCHOOL

BELOW GROUND DRAINAGE LAYOUT

Status

STAGE 3 ISSUE

NOT FOR CONSTRUCTION

Drawn	WS	Eng	YA
Scales	1:100 at A1	1:200 at A3	
Drawing No	28851/6000	Rev	P02

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HEALTH & SAFETY	
List of site specific or unusual hazards relevant to the drawing: (Must be read in conjunction with the CDM risk register.)	
Excavations	Excavation for manholes  Contractor to ensure adequate edge protection to excavations for workers and plant and to ensure sides of excavations are sufficiently stable or shored up. Contractor to restrict access into areas where excavations are being carried out.
Sewer Connections	Working with live sewers  Extra care must be taken when dealing with live sewers to ensure there is no adverse effect to the existing drainage.
Existing Services	Working alongside/near existing services.  Extra care must be taken when working/digging near existing services. A survey should be carried out prior to works commencing to determine the exact location of existing services.

Manhole / IC	Cover Level m	Invert Level m	Chamber Type	Chamber depth (m)	Internal Chamber Size	Cover Clear Opening and Cover Grade	Notes To Building Regulations Part H unless noted
F1	50.330	49.130	Plastic IC	1.200	450mm Polypropylene Ring	450 diameter OSMA 4D945 Square Recessed	Recessed cover finish to match adjacent

FOUL MANHOLE SCHEDULE