



- 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 Foul Waste Pipe
	RWP Rainwater Downpipe
	C1 Combined Water Manhole Chamber
	FWPC1 Pumping Station Manhole Chamber

  

ABBREVIATIONS	
IL	- Invert Level
CL	- Cover Level

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

**ACLAND BURGHLEY 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

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**