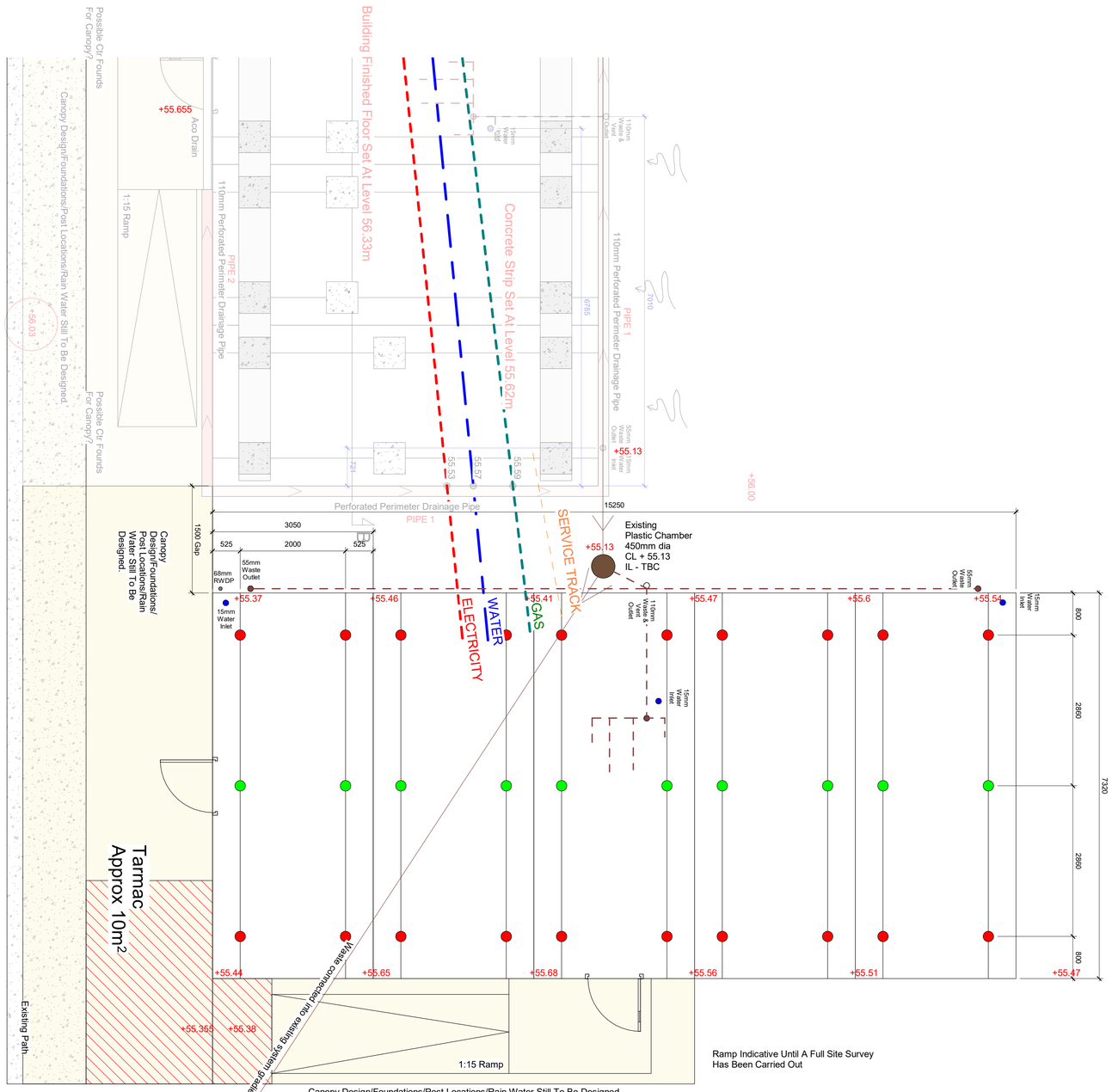


Indicative Foundation - Design TBC

24' Single Stacked School, Point Loadings

Gk = 9.9 kN
Qk = 14.7 kN

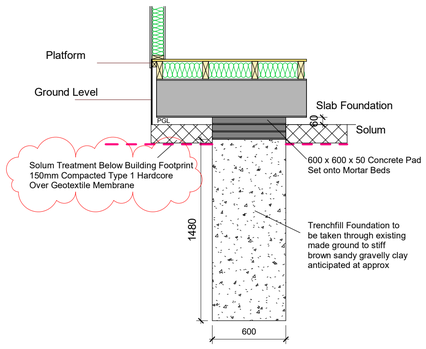
Gk = 2.4 kN
Qk = 10.3 kN

The Variable Point Loads Are Based Upon

Variable Roof Loading
Snow/Servicing, qk = 0.75 kPa

Variable Floor Loadings
Ground Floor, qk = 3 kPa
From Table NA.2 of NA to BS EN 1991-1-1

Note :- All Loads are unfactored. Wind loading has not been accounted for in the above values. Wk (Wind actions) acting on foundations should be calculated individually for each site, however as a guide for initial foundation design, values of ± 4.4kN Vertical and ± 2.7kN Horizontal should be use at each foundation point for multiple module buildings.



TYPICAL PAD FOUNDATION DETAIL
SCALE 1:25

These foundations are based on an allowable ground bearing pressure of 100 kPa
If this bearing pressure can not be achieved then reference must be made to Sibcas Ltd.
Any soft spots below foundations must either be compacted or removed and replaced with suitable compacted granular fill or lean concrete.
Concrete in foundations should be of a grade not less than C20
All foundations are based on a floor live load of 3 kPa.

Do Not Scale From Drawing
If Unsure Please Contact The Sibcas Drawing Office
Sibcas Take No Responsibility For Errors Caused By Scaling From The Drawing

Rev	By	Date	Description	Chk	Ap p
S-2	CH	08/03/21	Membrane - Planning	PK	
S-1	CH	09/02/21	RWDP Moved	PK	
S-0	CH	01/02/21	Initial Drawing	PK	

Stage
INFORMATION

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www.sibcas.co.uk

Client
Ashbury Meadow Primary School - Phase 2

Project
Double Classroom Accommodation

Drawing Title
50' x 24' Permaspace
Indicative Foundation Details

Scale
1:50 @ A1

Drawing No.
036 21 02

Revision
S-2