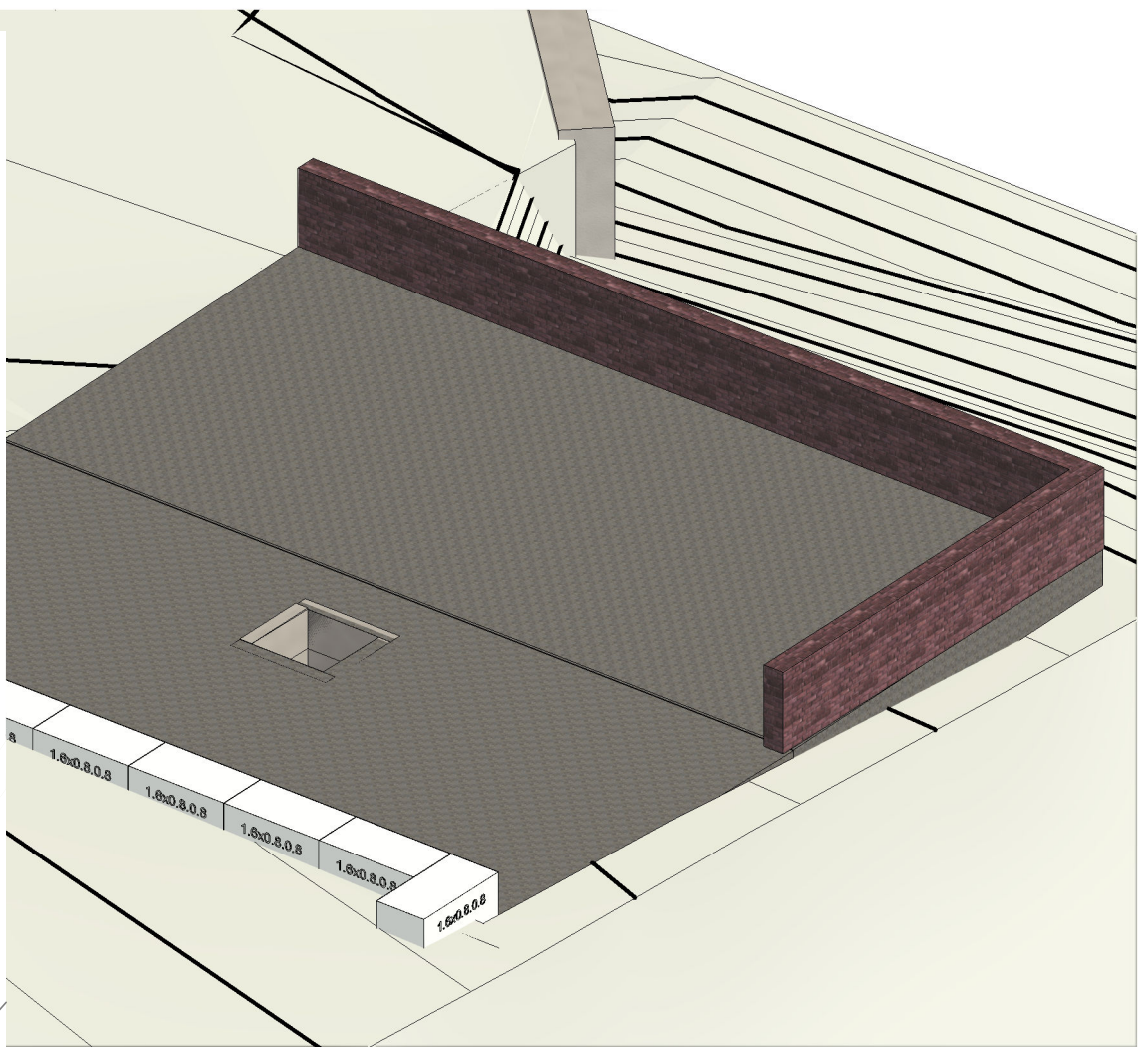




3D OF SILO STRUCTURE

NOTE
THE BASE OF THE SILO SLAB HAS BEEN RAISED CLOSER TO THE SURFACE OF THE SERVICE YARD AS PER THE CLIENT'S INSTRUCTION. THE MAXIMUM HEIGHT OF THE SILO SLAB MUST NOT EXCEED THE APPROVED PLANNING TOP-OF-SILO LEVEL.

PROPOSED FOUNDATION GA
1 : 50

EXISTING SERVICES

MAIN CONTRACTOR TO UNDERTAKE CAT SCAN OF THE SITE AND RECORD ALL EXISTING SERVICE ROUTES, INCLUDING ABOVE GROUND SERVICE RUNS. WHERE SERVICE ROUTES ARE IDENTIFIED, A SAFE DIGGING PRACTICE TECHNIQUE IS TO BE USED TO LOCATE, EXPOSE AND / OR AVOID SERVICES.

WORKING IN EXCAVATIONS

GROUNDWORK SUBCONTRACTOR TO ENSURE SIDES OF EXCAVATIONS ARE STABLE AT ALL TIMES DURING DIGGING ON NEW FOUNDATIONS AND POURING THE CONCRETE. CONTRACTOR SHOULD LIMIT TIME WORKING IN EXCAVATIONS

BELOW GROUND STRATA
FOR A DETAILED ACCOUNT OF THE BELOW
GROUND STRATA AND ENVIRONMENTAL
ASSESSMENT OF THE SITE PLEASE REFER TO
THE 'PHASE 2 GEO-ENVIRONMENTAL SITE
ASSESSMENT UNDERTAKEN BY 'GROUND RISK' GR000192-GI-1.0'
BURIED CONCRETE
FROM THE GROUND RISK REPORT 'A REVIEW OF THE
PH AND SULPHATE CONCENTRATIONS INDICATES
THAT ALL CONCRETE USED IN THE FOUNDATIONS
AT THIS SITE SHOULD BE DESIGNED TO:

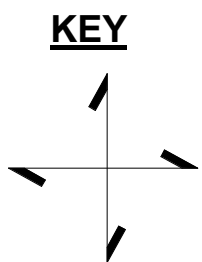
MADE GROUND AND GLACIAL TILL HAVE BEEN DETERMINED DS-1 AC-1.

PENNINE LOWER COAL MEASURES HAVE BEEN DETERMINED AS DS-3 AC-3; HOWEVER, IF PILING THROUGH COAL ADDITIONAL TESTING WILL BE REQUIRED.

GROUND WATER

THE SITE INVESTIGATION SUGGEST PERCHED GROUND WATER WITHIN THE MADE GROUND.
AN ALLOWANCE FOR DEWARTERING TO BE MADE BY CONTRACTOR TO CONSTRUCT PIT, BASE AND WALLS.

RC SLAB SCHEDULE				
LEVEL	SLAB REF	VOLUME	REINFORCEMENT (kg/m³)	Comments
External Level	400	0.58 m³		
External Level	RCS600	110.96 m³	150	SILO BASE
Grand total: 3		111.53 m³		



600MM RC SILO CONCRTE BASE

Rev	Description	Date
1	PRICING	04/06/25
2	STAGE 4 ISSUE	20/10/25
3	RETAINING WALL DETAILS UPDATED	24.11/25

CODE	SUITABILITY DESCRIPTION
I	TENDER
STATUS	PURPOSE OF ISSUE
S2	TENDER

PROJECT

SILO'S INSTALLATION

TITLE

PROPOSED FOUNDATION GA OF SILO BASE

CLIENT

LANCASHIRE FARM DAIRIES

DRAWN BY F.R CHECKED BY M.W DATE 30/05/25

SCALE (@ A1) PROJECT NUMBER
As indicated MCS2185

DRAWING NUMBER
VDG-2327-DWG-9001

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