

DO NOT SCALE

GENERAL NOTES:

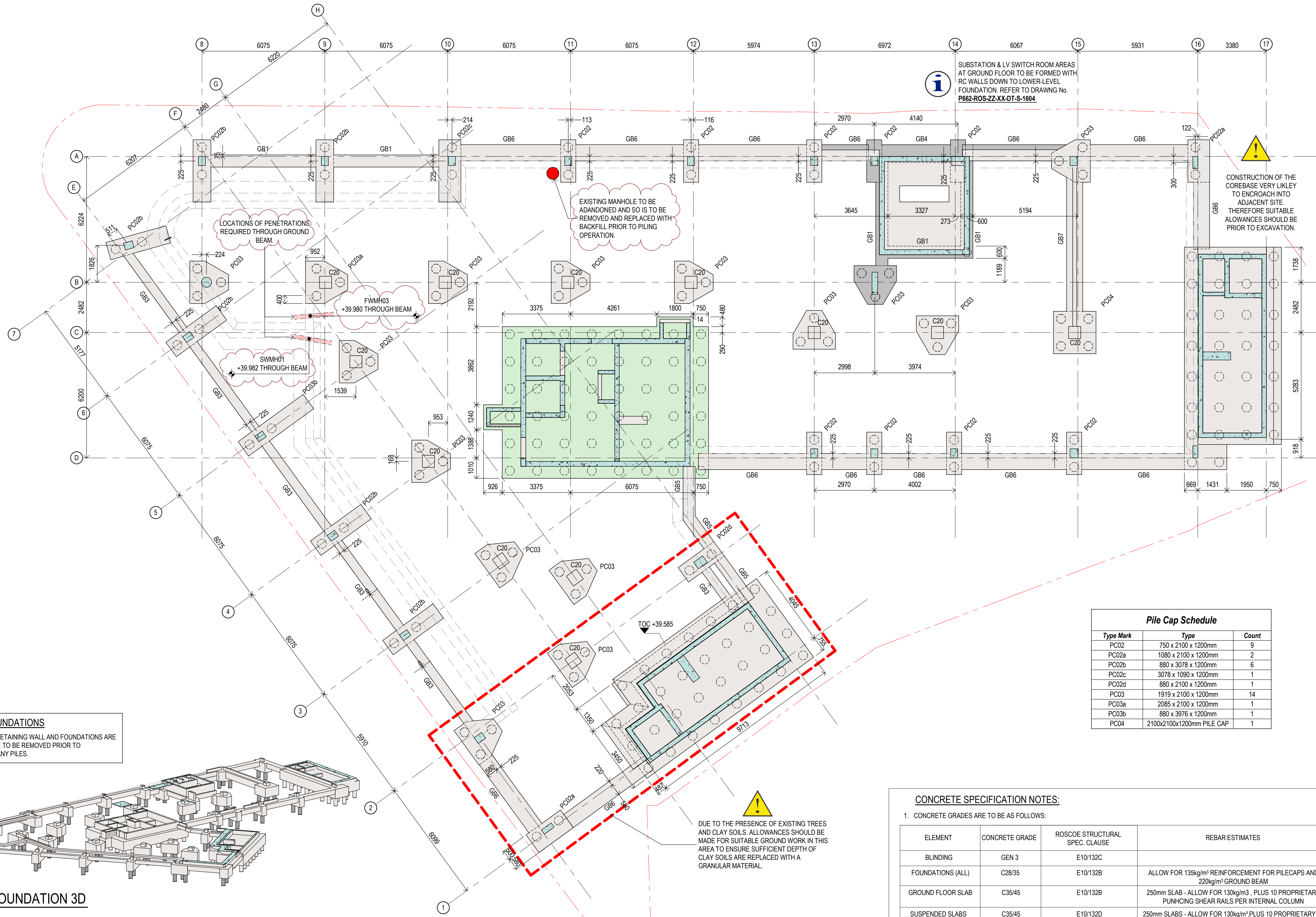
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE LATEST EDITION OF ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS.
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF BUILDING REGULATIONS, BSI CODES OF PRACTICE AND LOCAL AUTHORITY REQUIREMENTS.
- ARCHITECT IS TO CONFIRM ALL SETTING OUT
- FOR SUBSTRUCTURE DETAILS REFER TO DRAWING **P662-ROS-ZZ-FN-DT-S-1601**

FOUNDATION NOTE

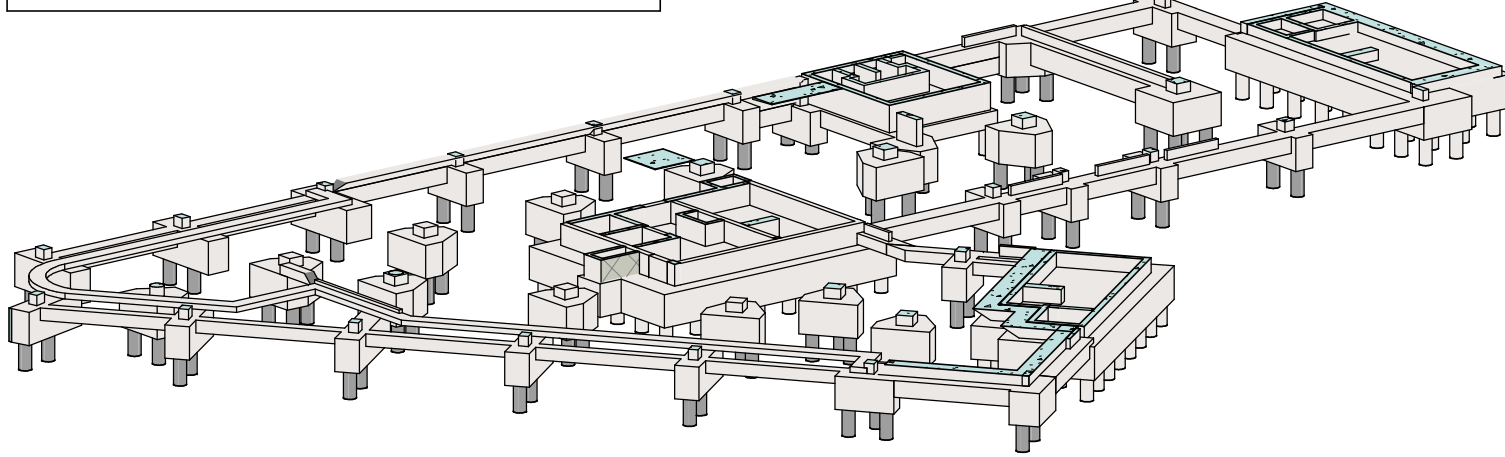
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ROSCOE SPECIFICATION.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT CDM RISK ASSESSMENTS AND SPECIALIST SUPPLIERS DRAWINGS.
- REFER TO CONCRETE NOTES FOR CONCRETE GRADES.
- ALL HORIZONTAL STRUCTURE IN CONTACT WITH THE GROUND TO BE LAID ON CONCRETE BLINDING TO CONCRETE SPECIFICATION MINIMUM 75mm THICK U.N.O
- CONCRETE TEST CUBES SHALL BE MADE AND TESTED IN ACCORDANCE WITH ROSCOE SPECIFICATION SECTION E10.
- REFER TO SPECIFICATION FOR ALL DETAILS OF CONCRETE MIX, AGGREGATE SIZE, THE USE OF ADMIXTURES & DESIGN CHEMICAL CLASS.
- ALL FOUNDATIONS MUST BE CAST AT LEAST 7 DAYS PRIOR TO ERECTION OF SUPERSTRUCTURE.
- CONTRACTORS ATTENTION IS DRAWN TO RESIDUAL RISKS IDENTIFIED ON DRAWING
- ALL GROUND BEAMS CENTRED ON GRID LINE UNO.
- ALL WORKS TO BE CARRIED OUT IN LINE WITH RECOMMENDATIONS GIVEN IN GROUND RISK PHASE 2 REPORT REF : GR00119-G1-1-2
- FORMATIONS WHICH ARE TO BE LEFT EXPOSED OVERNIGHT PRIOR TO CONCRETING SHALL RECEIVE GRADE ST3 BLINDING TO BS 5328 PART 2 1991.

GROUND INVESTIGATION NOTES

ALL PILES TO VERTICAL STRUCTURE HAVE BEEN DESIGNED ASSUMING A 450mm DIA.
PILE ACHIEVING 1250KN BASED UPON SPECIALIST ADVICE FROM CENTRAL PILING.



EXISTING FOUNDATIONS
WHERE EXISTING RETAINING WALL AND FOUNDATIONS ARE FOUND, THESE ARE TO BE REMOVED PRIOR TO INSTALLATION OF ANY PILES.



FOUNDATION 3D

KEY TO HEALTH & SAFETY SYMBOLS

- WARNING RISK INDICATES A RESIDUAL RISK AS A WARNING.
- COMPULSORY RISK INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- PROHIBITIVE RISK INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INFORMATION RISK INDICATES A RESIDUAL RISK FOR INFORMATION.

LEVELS KEY:

TOC = +39.750m

TOC = +39.325m

TOC = +39.125m

FOUNDATION LAYOUT

1:100

PILING PLATFORM DESIGN AND LEVELS
BY OTHER TO BE CONFIRMED

GROUND BEAM SCHEDULE

- GB1 - 600x600mm GROUND BEAM
- GB2 - 750x600mm GROUND BEAM
- GB3 - 450x450mm GROUND BEAM
- GB4 - 600x800mm GROUND BEAM
- GB6 - 600x800mm GROUND BEAM
- GB7 - 800x800mm GROUND BEAM

Pile Cap Schedule

Type Mark	Type	Count
PC02	750 x 2100 x 1200mm	9
PC02a	1080 x 2100 x 1200mm	2
PC02b	880 x 3078 x 1200mm	6
PC02c	3078 x 1090 x 1200mm	1
PC02d	880 x 2100 x 1200mm	1
PC03	1919 x 2100 x 1200mm	14
PC03a	2085 x 2100 x 1200mm	1
PC03b	880 x 3976 x 1200mm	1
PC04	2100x2100x1200mm PILE CAP	1

CONCRETE SPECIFICATION NOTES:

- CONCRETE GRADES ARE TO BE AS FOLLOWS:

ELEMENT	CONCRETE GRADE	ROSCOE STRUCTURAL SPEC. CLAUSE	REBAR ESTIMATES
BLINDING	GEN 3	E10/132C	
FOUNDATIONS (ALL)	C28/35	E10/132B	ALLOW FOR 135kg/m ³ REINFORCEMENT FOR PILECAPS AND 220kg/m ³ GROUND BEAM
GROUND FLOOR SLAB	C35/45	E10/132B	250mm SLAB - ALLOW FOR 130kg/m ³ , PLUS 10 PROPRIETARY PUNCHING SHEAR RAILS PER INTERNAL COLUMN
SUSPENDED SLABS	C35/45	E10/132D	250mm SLABS - ALLOW FOR 130kg/m ³ PLUS 10 PROPRIETARY PUNCHING SHEAR RAILS PER COLUMN
COLUMNS	C35/45	E10/132E	COLUMNS - ALLOW FOR 225kg/m ³ REINFORCEMENT
CORE WALLS & LINK BEAMS	C35/45	E10/132A	ALLOW FOR 120kg/m ³ IF CORES ARE TO SLIP OR JUMPFORMED THEN ALLOWANCE NEEDS TO BE MADE FOR PULL-OUT BARS TO FLOOR SLABS AND LANDINGS
- FOR NOMINAL COVER TO REINFORCEMENT REFER TO ROSCOE REINFORCEMENT DRAWINGS
- MAXIMUM AGGREGATE SIZE 20mm.
- CONCRETE TEST CUBES SHALL BE MADE AND TESTED IN ACCORDANCE WITH ROSCOE SPECIFICATION SECTION E10.
- ALL CONCRETE TO BE IN ACCORDANCE WITH NATIONAL STRUCTURAL CONCRETE SPECIFICATION FOR BUILDING CONSTRUCTION.
- HI-VIS REBAR PROTECTORS TO BE PLACED ON ENDS OF EXPOSED BARS AND ALL OPERATIVES TO WEAR EYE PROTECTORS (GOGGLES) TO AVOID INJURY.
- ALL BURIED CONCRETE IS ASSUMED TO HAVE DESIGN SULPHATE CLASS DS-1 AND AGGRESSIVE CHEMICAL ENVIRONMENT CONCRETE AC-1. THIS IS CONFIRMED IN THE PHASE 2 GROUND INVESTIGATION UNDERTAKEN BY GROUND RISK.

P04	11.12.25	HM	UPDATED STAGE 4 ISSUE	TG	AW
P03	05.12.25	HM	STAGE 4 ISSUE	TG	AW
P02	24.09.25	GMT	UPDATED STAGE 3 ISSUE	TG	AW
P01	30.06.25	GMT	STAGE 3 ISSUE	TG	AW
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:

STAGE 4



CLIENT:

HG CONSTRUCTION

ARCHITECT:

DAY

PROJECT:

PLYMOUTH GROVE

TITLE:

FOUNDATION GENERAL ARRANGEMENT

SCALE @ A1:

1:100

CHECKED:

AW

APPROVED:

DJG

PROJECT NUMBER:

25406

DESIGNED:

TG

DRAWN:

GMT

DATE:

JUN '25

DRAWING NO:

P662-ROS-ZZ-FN-GA-S-1600

REV:

P04