

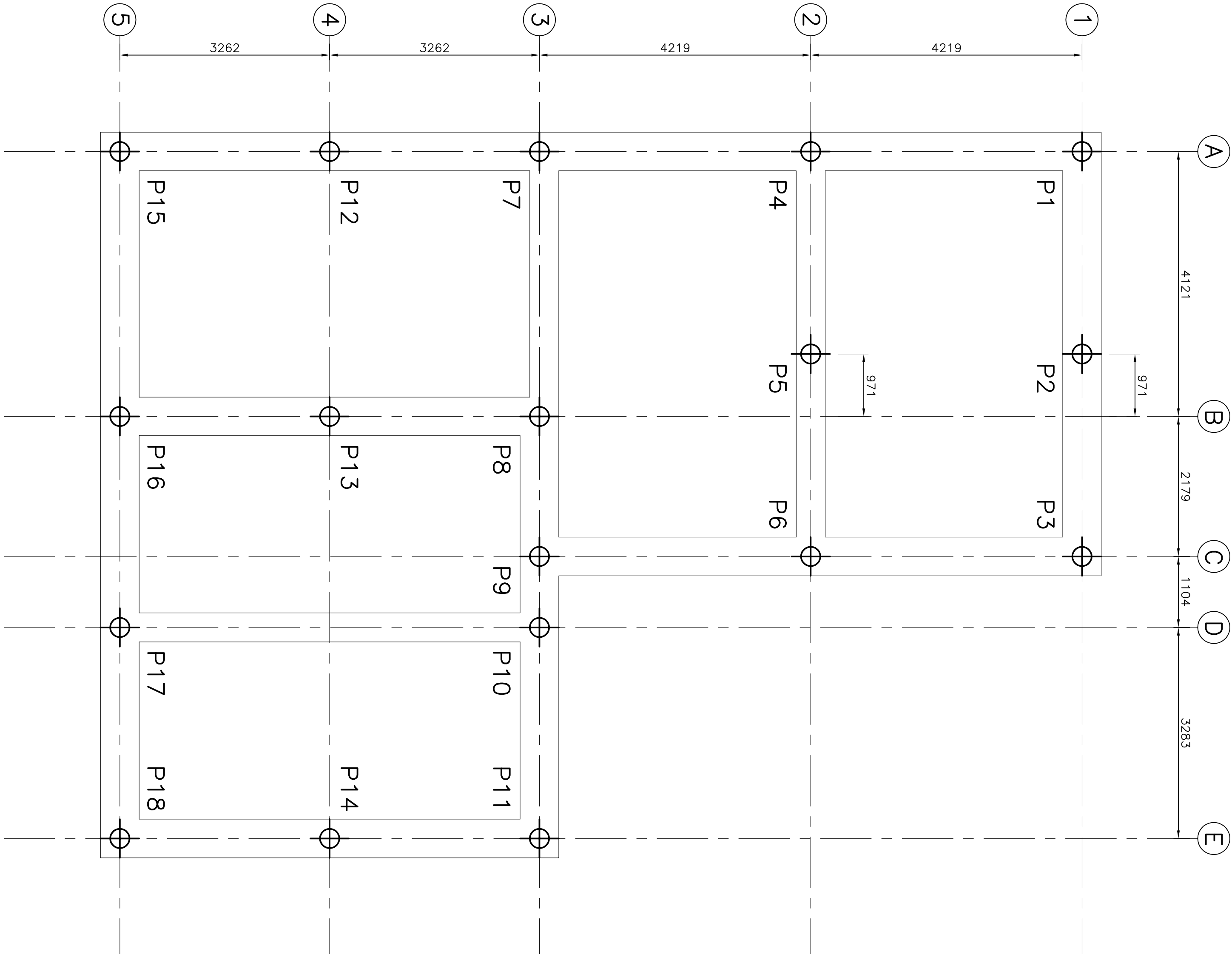
NOTES

1. This drawing is to be read in conjunction with all relevant Engineers' and Architects' drawings and specifications.
2. All dimensions are in millimetres unless noted otherwise.
3. The Contractor is responsible for the setting out and for checking all dimensions.
4. All piles are to be auger bored or CFA cast in-situ reinforced concrete to specialists design assuming safe working loads as indicated in table. Length of pile to be determined by Piling Contractor.
5. The uppermost 3.5m of soil is assumed to be made ground and should be disregarded in the pile design. The pile designer must take account of negative skin friction over this length.
6. All piling works are to be in accordance with "Piling Model Procedures and Specifications" published by the Institution of Civil Engineers.
7. Concrete grade for piles to be RC35, design class DS-1 AC-1 to BRE Special Digest 1.
8. All concrete shall be to BS EN 206-1 or BS 8500-1 and is to be resistant to sulphates Class DS-1 and ACFC classification AC-1s.
9. Ground beams: Designated mix RC35, 20mm nominal, max. size aggregate, Blinding and mass concrete fill: Designated mix GEN 1, 20mm nominal, max. size aggregate, Min. concrete cover to be 40mm.
10. All piles to be cast a minimum of 150mm above cut off level and subsequently cut back by the Main Contractor.
11. The Piling Contractor shall supply for approval all relevant details of the method of piling and the plant he proposes to use.
12. The maximum permitted deviation of the pile centre from the position shown shall be 75mm in any direction.
13. Final design of piles is by the Piling Specialist. Static calculations are to be provided to the Engineer for approval.
14. Factor of Safety of 3.0 is to be applied to the safe working load given to obtain loads on all piles.
15. Cut off level for all piles is to be determined by Contractor.
16. In accordance with The Construction (Design and Management) Regulations 2015 (CDM 2015) the Principal Designer and Contractor are to:
 - Notify HSE of works.
 - Comply with the requirements of Health and Safety Plan (if applicable)
 - Provide risk assessments and method statements for all potential hazards relevant to this project.
17. This drawing has been prepared from drawings supplied by the Client, therefore, the contractor must take accurate dimensions on site and be satisfied by all dimensions prior to setting out.
18. For details of subsoil conditions refer to OMNIA ENVIRONMENTAL CONSULTING, Phase I-II Geo-Environmental Site Assessment, Ref: A10985/1.0 Draft, July 2018.

KEY

- = Grid Line Reference
- = Pile Location and Reference
- = Grid Line
- = Outline of Ground Beam

PILE No.	SAFE WORKING LOAD (kN)
P1	146
P2	224
P3	148
P4	264
P5	139
P6	259
P7	256
P8	263
P9	84
P10	293
P11	124
P12	210
P13	204
P14	244
P15	146
P16	245
P17	274
P18	123



PLOT 1 PILE LAYOUT

1:50

PRELIMINARY

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Title PLOT 1
PILE LAYOUT

Date	SEPT 2019	Scale	AS SHOWN @ A1	Dwg. No.	414471/01P
Drawn	CMW	Chk'd	EG	Iss'd	EG