

Notes

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
3. THIS DRAWING HAS BEEN PRODUCED ELECTRONICALLY AND MAY HAVE BEEN PHOTO REDUCED OR ENLARGED WHEN COPIED. HENCE, DO NOT RELY ON ANY SCALES QUOTED. WORK ONLY TO FIGURED DIMENSIONS (DO NOT SCALE). ALL DIMENSIONS TO BE CHECKED ON SITE. ANY ERRORS OR OMISSIONS TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. PILES IN 1 OR 2 PILECAPS TO BE DESIGNED FOR OUT OF TOLERANCE FORCES.
5. ALLOW FOR THE FOLLOWING HEAVE PRECAUTIONS:
 - VOID FORMER TO BE PROVIDED BENEATH FULL EXTENTS OF SUSPENDED GROUND FLOOR SLAB AND PILE CAPS (ALLOW FOR 150 MOVEMENT)
 - COMPRESSIBLE MATERIAL TO BE PROVIDED TO INSIDE OF PERIMETER PILECAPS (ALLOW FOR 35 MOVEMENT)
 - TOP OF PILES TO BE SLEEVED WITH RIGID SLIP LINER DOWN TO 2500 BELOW GROUND LEVEL.
6. ALL PILES TO BE DESIGNED BY SPECIALIST SUBCONTRACTOR FOR LOADS STATED IN SCHEDULE.
7. PILE CONCRETE MIX TO BE SPECIFIED BY PILING CONTRACTOR TO SUIT DS-2 CONDITIONS AND ACEC CLASS AC-25.

C.D.M.

SIGNIFICANT RISKS AND HAZARDS:
- TEMPORARY PROPPING TO BE PROVIDED TO CONTIGUOUS PILED WALL. TO BE DESIGNED BY TEMPORARY WORKS ENGINEER.

KEY DESIGN DECISIONS TO REDUCE OR ELIMINATE HAZARDS:
- STANDARD HEAVE MAT AND COMPRESSIBLE MATERIALS TO BE USED AROUND FOUNDATIONS AND GROUND SLAB.

REINFORCEMENT QUANTITIES

ITEM	RC (Kg/m³)
PILECAPS	125
REINFORCED FLOOR SLABS	175
COLUMNS	400
WALLS	200

THESE ESTIMATES ARE BASED ON PRELIMINARY DESIGN AND COMPARISONS WITH FULLY DETAILED ELEMENTS FROM SIMILAR PROJECTS.

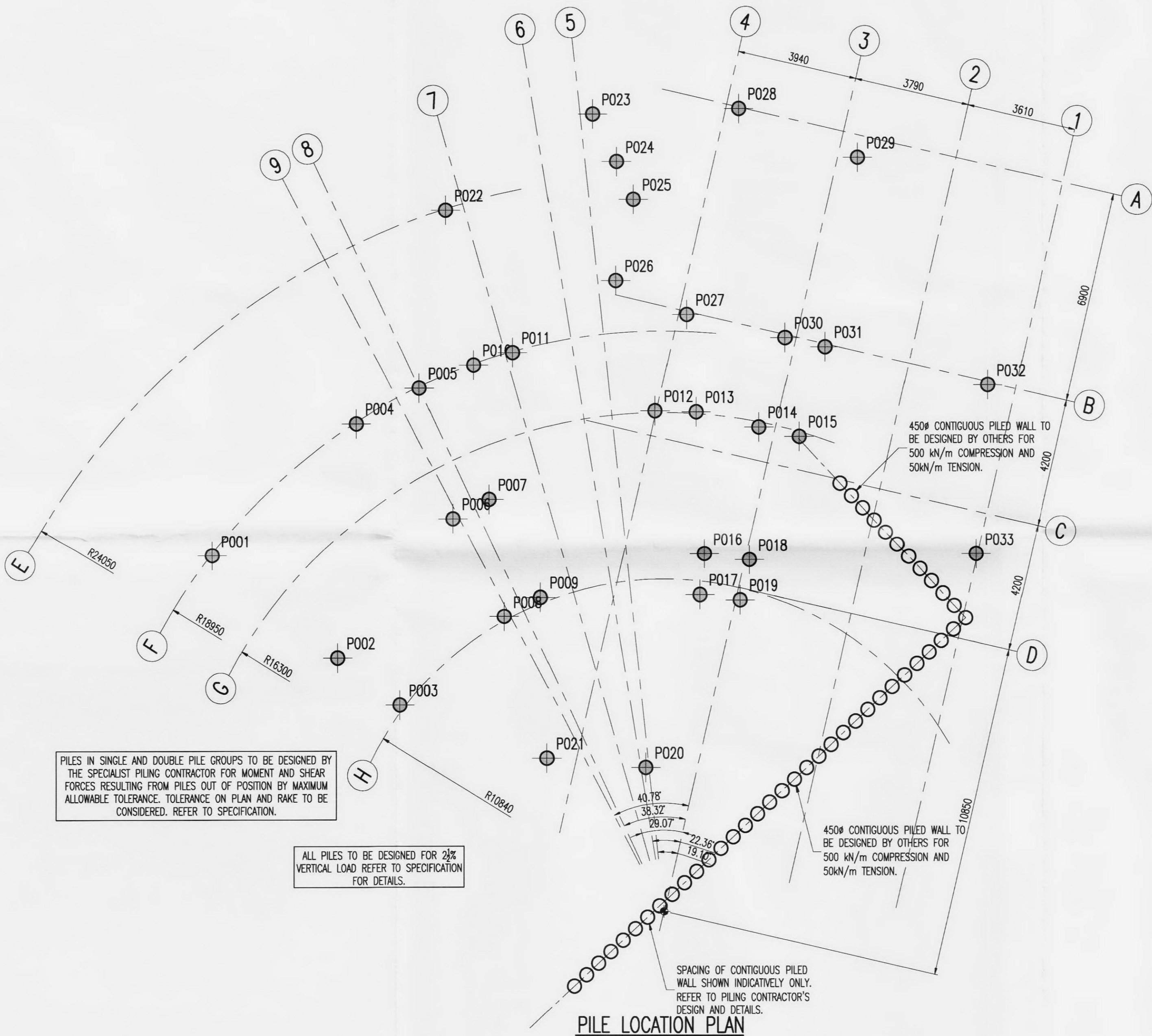
REINFORCEMENT QUANTITIES ARE PROVISIONAL. THESE ESTIMATES ARE TO BE CONFIRMED AT DETAILED DESIGN STAGE WITH ISSUE OF REINFORCEMENT DRAWINGS SUITABLE ALLOWANCE SHALL BE MADE FOR DESIGN DEVELOPMENT.

THIS DRAWING INDICATES REINFORCEMENT WEIGHTS AND REINFORCEMENT ARRANGEMENT FOR TYPICAL ELEMENTS. ESTIMATES ASSUME DETAILING IN ACCORDANCE WITH BS8110 AND ISTRUCTE DETAILING MANUAL. ANY REINFORCEMENT PROVIDED BY THE CONTRACTOR ABOVE THE DESIGN REQUIREMENT AND CURTAILMENT RULES SHALL BE AT THE CONTRACTORS EXPENSE.

THESE ARE ISSUED FOR USE BY THE CLIENT ONLY AND SHALL NOT BE USED BY THIRD PARTIES WITHOUT THE PERMISSION OF WALSH ASSOCIATES.

PILE SCHEDULE

PILE No.	CUTOFF	DIAMETER	COMPRESSION (kN)	TENSION (kN)
P001		450	500	-
P002		450	900	-
P003		450	500	-
P004		450	700	-
P005		450	500	-
P006		450	900	200
P007		450	900	200
P008		450	900	200
P009		450	900	200
P010		450	700	200
P011		450	700	200
P012		450	700	200
P013		450	700	200
P014		450	700	200
P015		450	700	200
P016		450	700	200
P017		450	700	200
P018		450	700	200
P019		450	700	200
P020		450	500	200
P021		450	500	-
P022		450	500	-
P023		450	700	-
P024		450	500	-
P025		450	500	-
P026		450	700	-
P027		450	700	-
P028		450	700	-
P029		450	700	-
P030		450	700	-
P031		450	700	-
P032		450	700	-
P033		450	900	-



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TENDER

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