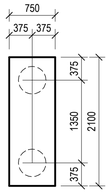


PILE CAP (PC) TYPE 1

[SCALE 1:50]

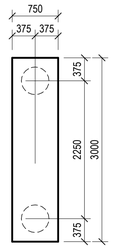
PILE CAP THICKNESS = 800mm



PILE CAP (PC) TYPE 2

[SCALE 1:50]

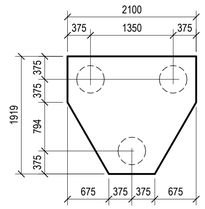
PILE CAP THICKNESS = 800mm



PILE CAP (PC) TYPE 2A

[SCALE 1:50]

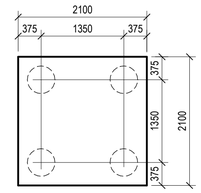
PILE CAP THICKNESS = 800mm



PILE CAP (PC) TYPE 3

[SCALE 1:50]

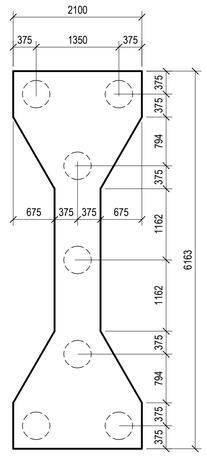
PILE CAP THICKNESS = 800mm



PILE CAP (PC) TYPE 4

[SCALE 1:50]

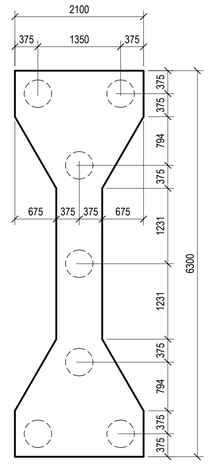
PILE CAP THICKNESS = 800mm



CUSTOM PILE CAP 1 (CPC)

[SCALE 1:50]

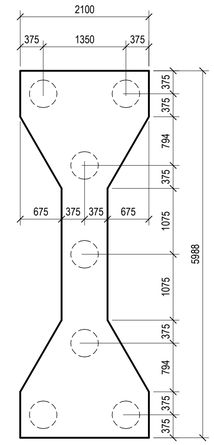
PILE CAP THICKNESS = 800mm



CUSTOM PILE CAP 2 (CPC)

[SCALE 1:50]

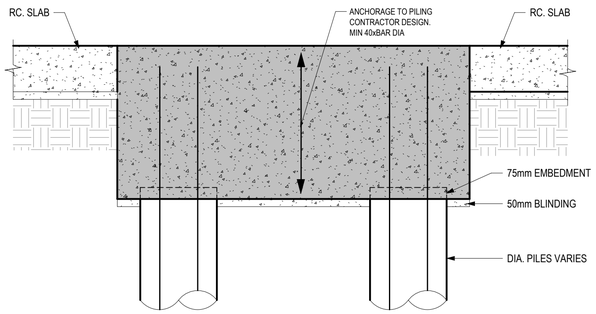
PILE CAP THICKNESS = 800mm



CUSTOM PILE CAP 3 (CPC)

[SCALE 1:50]

PILE CAP THICKNESS = 800mm



TYPICAL PILE CAP SECTION

[SCALE 1:50]

STRUCTURAL FOUNDATION SCHEDULE FOR BLOCK A		
PILE CAP TYPE	PILE CAP THICKNESS	COUNT
TYPE 2	800	52
TYPE 3	800	19
TYPE 4	800	3

STRUCTURAL FOUNDATION SCHEDULE FOR BLOCK B		
PILE CAP TYPE	PILE CAP THICKNESS	COUNT
TYPE 1	800	2
TYPE 2	800	51
TYPE 2A	800	3
TYPE 3	800	6
TYPE 4	800	3

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION.
© THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS PERMISSION.

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ANY DISCREPENCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE. TBC ON SITE
4. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM. TBC ON SITE
5. DRAWINGS ARE NOT TO BE SCALED.
6. ALL TEMPORARY WORKS TO CONTRACTORS DETAILS.
7. CONTRACTOR TO APPROVE ALL SET OUT INFORMATION PRIOR TO CONSTRUCTION.

GENERAL DRAWING REFERENCES :

1. FORE SITE CONSTRAINTS REFER TO DWG 26015 - 0101
2. FOR SUB-STATION REFER TO DWG 26015 - 0104
3. FOR WATERPROOF CONCRETE DETAILS REFER TO DWG 26015 - 0105
4. FOR GENERAL NOTES REFER TO DWG 26015 - 1000
5. FOR GENERAL ARRANGEMENTS REFER TO DWG 26015 - 1100 SERIES
6. FOR PILE SCHEDULE REFER TO DWG 26015 - 1105
7. FOR COLUMN SCHEDULE REFER TO DWG 26015 - 1301
9. FOR WALL ELEVATIONS REFER TO DWG 26015 - 1305
8. FOR PILE CAP DETAILS REFER TO DWG 26015 - 1401 to 1410
9. FOR MASONRY SUPPORT DETAILS REFER TO DWG 26015 - 1415
10. FOR CORE DRAWINGS REFER TO DWG 26015- 1500 SERIES
11. FOR LOADING PLANS REFER TO DWG 26015 - 1700
12. FOR DRAINAGE DRAWINGS REFER TO DWG 26015 - 2000 SERIES

SPECIFIC NOTES :

a. ALL RC WALLS TO BE 200mm THICK UNLESS NOTED OTHERWISE.
b. ALL STRUCTURAL CONCRETE GRADE TO BE C32/40 UNLESS NOTED OTHERWISE.
c. SERVICE VOIDS GREATER THAN 150mm ARE SHOWN FOR INFORMATION ONLY. REFER TO ARCHITECTS AND M&E CONSULTANTS FOR CONFIRMATION OF SIZE AND SETTING-OUT FOR BUILDERS WORK. ANY VARIATIONS TO BE BROUGHT TO THE ATTENTION OF MWP.
d. ALL OPENINGS WITHIN WALLS TO BE CONFIRMED BY ARCHITECT AND M&E CONSULTANT.
e. ALL RC UPSTANDS SHOWN INDICATIVELY. TO BE CONFIRMED BY ARCHITECT.
f. ALL BALUSTRADES TO ARCHITECTS DETAILS, DESIGN TO SUBCONTRACTORS DETAILS.
g. REFER TO ARCHITECTS DWGS FOR WATERPROOFING DETAILS.
h. FOR LIGHTNING PROTECTION / BONDING AND ASSOCIATED REQUIREMENTS INCLUDING UKPN EARTH MATS, UKPN AND POC EARTH RODS, POC CONNECTIONS TO PILES AND UKPN AND POC CONNECTIONS TO REBAR, REFER TO ELECTRICAL ENGINEER'S INFORMATION.
i. ALL STAIR HALF LANDINGS TO BE 200mm THICK UNLESS NOTED OTHERWISE.
j. KWIKASTRIPS TO BE PROVIDED AT ALL WALL-SLAB INTERSECTIONS, STAIR HALF LANDINGS AND SLAB EXTENSIONS FOR BRICK BANDINGS.
k. STAIRS OMITTED FOR CLARITY, STAIRS - FLIGHSTAIRS OR SIMILAR APPROVED. FOR DETAILS SEE ARCHITECTS DRAWINGS. TO BE DESIGNED TO SUPPORT THE FOLLOWING LOADS: SIDL: 1.0 kN/m2 ILL: 3.0kN/m2
l. ALL SLABS TO BE POWER FLOAT/PAN FINISH
m. ALL ROOF AND EXTERNAL SLABS TO BE MIN. 300mm THICK UNLESS NOTED OTHERWISE AND LAID TO 1:80 FALLS TO ARCHITECTS DETAILS.
n. ALL BALCONY SLABS WITH THERMAL BREAKS TO BE MIN. 200mm THICK UNLESS NOTED OTHERWISE.
p. ALL FOLDED SLABS TO BE MIN. 250mm THICK UNLESS NOTED OTHERWISE.
q. GULLIES IN ROOFS AND ROOF TERRACES TO BE CAST-IN WITH FIRE COLLARS
r. FOR PILES, PILE CAPS, GROUND BEAMS AND GROUND FLOOR SLABS, CONCRETE DESIGN CHEMICAL CLASS SHALL BE AC-4 AND DESIGN SULPHATE CLASS SHALL BE DS-4 IN ACCORDANCE WITH THE SITE INVESTIGATION REPORT. FOR CONCRETE WHOLLY WITHIN LONDON CLAY, AC-3s MAY BE ADOPTED SUBJECT TO CONFIRMATION ON SITE.

REV	DATE	DESCRIPTION	BY	APP
P01	10.02.26	Issued for Information	VH	RS

PROJECT:
Tangmere

TITLE:
Typical Pile Cap Details

CLIENT:
Formation D&B Ltd

MWP
ENGINEERING AND ENVIRONMENTAL CONSULTANTS
CORK | TRALEE | LONDON | LIMERICK
mwalsh.co.uk

DRAWN:	CHECKED:	APPROVED:
VH	SZ	RS
PROJECT NUMBER:	DATE:	SCALE @ A1:
26015	06/02/26	As indicated
STATUS DESCRIPTION:		STATUS:
FOR INFORMATION		S2
DRAWING NUMBER:		REV:
TAN-MWP-XX-ZZ-DR-S-1401		P01