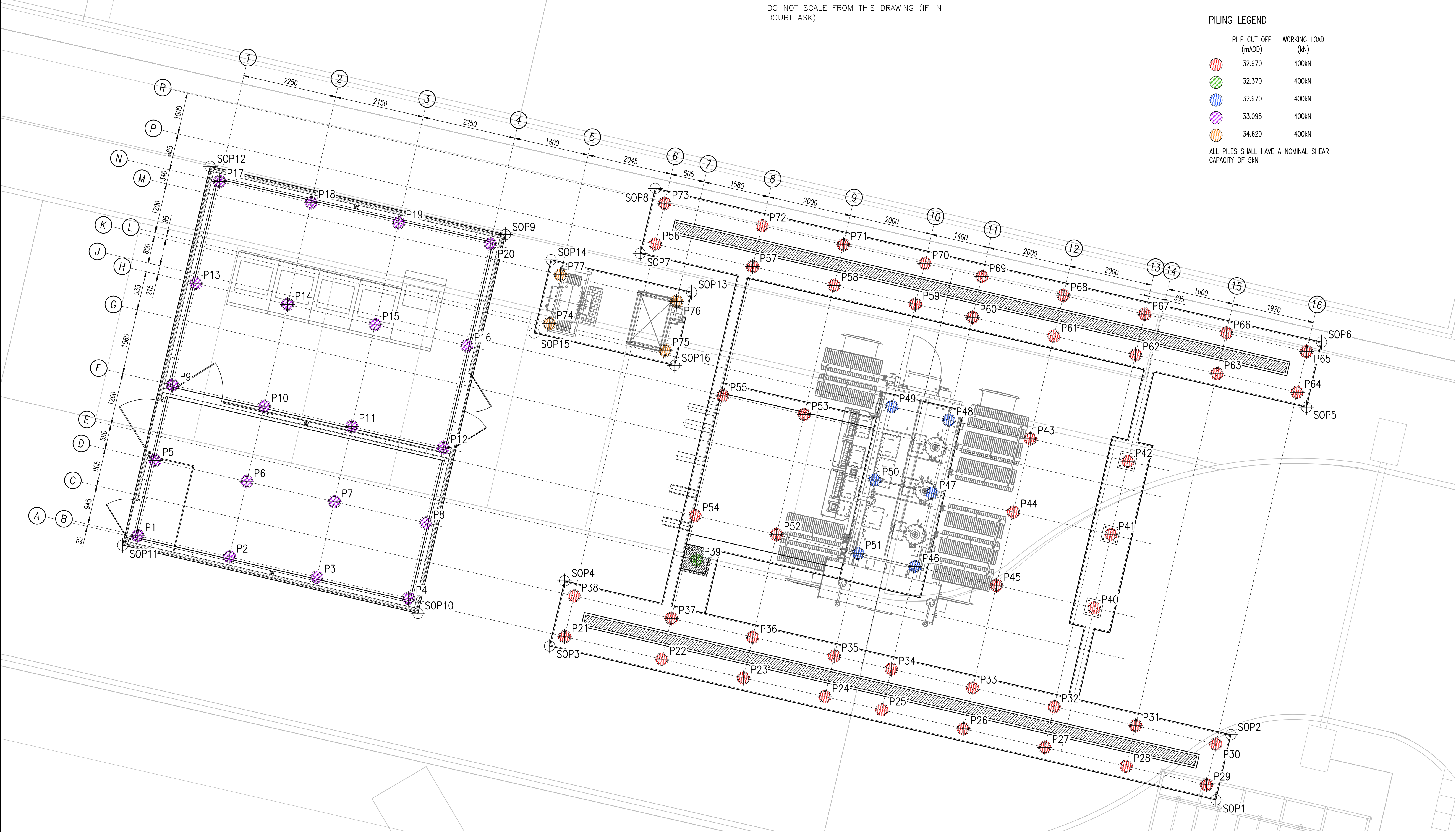




PIILING LEGEND

PILE OUT OFF (mAOD)	WORKING LOAD (kN)
32.970	400kN
32.370	400kN
32.970	400kN
33.095	400kN
34.620	400kN

ALL PILES SHALL HAVE A NOMINAL SHEAR CAPACITY OF 5kN

PILE SETTING OUT SCHEDULE

POINT	EASTING	NORTHING
P1	507245.2638	180145.9194
P2	507247.4561	180145.4132
P3	507249.551	180144.9296
P4	507251.7433	180144.4234
P5	507245.98	180147.7219
P6	507247.8723	180147.2158
P7	507249.9672	180146.7321
P8	507252.1595	180146.226
P9	507246.0961	180148.5245
P10	507248.2885	180149.0154
P11	507250.3833	180148.5347
P12	507252.5757	180148.0286
P13	507246.6585	180151.9605
P14	507248.8508	180151.4543
P15	507250.9457	180150.9706
P16	507253.1381	180150.4645
P17	507247.2209	180154.3964
P18	507249.4132	180153.8902
P19	507251.5081	180153.4066
P20	507253.7005	180152.9004
P21	507255.4774	180143.5049
P22	507257.8062	180142.9672
P23	507259.7549	180142.5173
P24	507261.7036	180142.0674
P25	507263.0677	180141.7525
P26	507265.0165	180141.3025
P27	507266.9652	180140.8526
P28	507268.914	180140.4027
P29	507270.8335	180139.9586
P30	507263.5927	180149.7258
P31	507269.1389	180141.3771
P32	507267.1902	180141.827
P33	507265.2414	180142.2769
P34	507263.2927	180149.7258
P35	507266.8354	180145.3354
P36	507268.1468	180144.1974
P37	507259.9798	180143.4917
P38	507258.0311	180143.9416
P39	507255.7024	180144.4792
P40	507256.6354	180145.3354
P41	507268.5517	180145.9463
P42	507268.9567	180147.7002
P43	507266.6182	180148.2401
P44	507266.2133	180146.4862
P45	507265.8083	180144.7353
P46	507263.8596	180145.1822
P47	507264.2645	180146.9361
P48	507264.6694	180148.69
P49	507263.5053	180149.0049
P50	507262.9004	180147.251
P51	507262.4955	180145.4972
P52	507260.5467	180145.9471
P53	507261.2104	180148.8215
P54	507258.596	180146.397
P55	507259.2616	180149.2711
P56	507257.646	180152.8978
P57	507259.9747	180152.3601
P58	507261.9235	180151.9102
P59	507263.8722	180151.4603
P60	507265.2363	180151.1454
P61	507267.1851	180150.6955
P62	507269.1338	180150.2456
P63	507271.0825	180149.7956
P64	507273.002	180149.3525
P65	507273.227	180150.3268
P66	507271.3075	180150.77
P67	507269.3588	180151.2199
P68	507267.41	180151.6698
P69	507265.4613	180152.1197
P70	507264.0972	180152.4347
P71	507262.1484	180152.8846
P72	507260.1997	180153.3345
P73	507257.8709	180153.8722
P74	507255.1086	180150.9947
P75	507257.9851	180150.3536
P76	507258.1555	180151.5245
P77	507255.3785	180152.1639

SETTING OUT POINT SCHEDULE

POINT	EASTING	NORTHING
SOP1	507271.0583	180139.5998
SOP2	507271.4182	180141.1588
SOP3	507255.1176	180143.78
SOP4	507255.4775	180144.839
SOP5	507273.2269	180148.9927
SOP6	507273.5868	180150.5517
SOP7	507257.2862	180152.873
SOP8	507257.6461	180154.2319
SOP9	507254.0603	180153.1252
SOP10	507251.9682	180144.0636
SOP11	507244.904	180145.6945
SOP12	507246.9961	180154.7552
SOP13	507258.5149	180151.7477
SOP14	507255.1533	180152.5238
SOP15	507254.7484	180150.7699
SOP16	507258.11	180149.9938

NOTES:

- CONTRACTOR DESIGNED PILES TO BS8004 IN ACCORDANCE WITH SECTION B1.4 OPTION 2 OF 'ICE SPECIFICATION FOR PILING AND EMBEDDED RETAINING WALLS' (SPERW) TO A MINIMUM DESIGN LIFE OF 40 YEARS.
- THE PILE CALCULATIONS SHOULD ALLOW FOR DESIGN FACTOR OF SAFETY ON WORKING LOADS OF 2.0, WITH A DESIGN FACTOR OF SAFETY ON ULTIMATE LOADING OF NO LESS THAN 1.0.
- WORKING PILE TESTING: 1 No. STATIC MAINTAINED LOAD TEST FOR EACH DIFFERENT WORKING LOAD IN ACCORDANCE WITH SECTION B15 OF 'SPERW'.

PERMITTED SETTLEMENT AT DVL = 15mm
- THE DESIGN OF THE "SUPERSTRUCTURE" ASSUMES THAT THE SETTLEMENT OF ANY PART OF THE STRUCTURE AT WORKING LOAD NOT EXCEED 15mm AND THAT THE DIFFERENTIAL SETTLEMENT BETWEEN ADJACENT COLUMN AT WORKING LOAD NOT EXCEED 5mm.
- MAX. PILE DIAMETER ASSUMED FOR CIVIL AND STRUCTURAL DESIGN 300mm, IN THE EVENT THAT PILE DESIGNER ANTICIPATES EXCEEDING THIS, ENGINEER TO BE NOTIFIED AT THE EARLIEST POSSIBLE OPPORTUNITY
- SETTING OUT CO-ORDINATES PROVIDED ARE RELATIVE TO OS GRID. REFER TO TOPOGRAPHICAL SURVEY DRG's FOR REFERENCE TO SITE STATIONS FOR LOCAL HORIZONTAL AND VERTICAL CONTROL. SITE LEVELS HAVE BEEN DETERMINED FROM RPS DRG PPWL-RPS-DC3-XX-DR-C-1600.
- ALL LEVELS RELATIVE TO OS DATUM.

REVISION:

AB

DRAWN:

W. OGUNYINKA 04.02.20

CHECKED:

A. TEASDALE 04.02.20

APPROVED:

G. ARMITAGE 04.02.20

AS BUILT

Section:

PROFESSIONAL SERVICES

Client:

VIRTUS DATA CENTRES

Project:

PROLOGIS PARK

Title:

PILE LAYOUT AND SETTING OUT DETAILS
66/11KV LONDON 7 SS

Status:

AS BUILT

Scale : 1:50

Date : 28.01.19

Drawn : A. TEASDALE

Checked : M. LOWE

Approved : G. ARMITAGE

Client Dwg No. :

FPS Dwg No. : 80-405824-050

Rev : AB