



- 1) Discussione della prova scritta.
- 2) Procedure di affidamento dei contratti di appalto in funzione degli importi e della natura del contratto.
- 3) Cosa si intende per layer in ambiente Autocad, come funziona il layer properties manager?
- 4) Importazione ed elaborazioni di dati mediante tabella pivot provenienti da un file con separatore TAB.
- 5) Lettura ed interpretazione di un testo tecnico in inglese.

- 1) Discussione della prova scritta.
- 2) Contabilità dei lavori pubblici
- 3) Come funziona e a cosa serve lo spazio layout in ambiente Autocad?
- 4) Gestione di un dataset in formato xlsx, ordinando le osservazioni per due variabili, applicando i filtri, visualizzando i subtotali, rimuovendo i duplicati e formattando la tabella per la stampa.
- 5) Lettura ed interpretazione di un testo tecnico in inglese.

plva_ammone_mnw	pod_new	nr_utente	provincia	indirizzo	Peak (kWh)	Offpeak (kWh)	F1 (kWh)	F2 (kWh)	F3 (kWh)	Energia Masse (kWh)	Energia (kWh)	Potenza MAX (kW)
80006480281 201912	IT001E00051928	610842304 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	127656	54192	104732	0	286580	826
80006480281 201912	IT001E00053809	61084230 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	318561	141452	284198	0	744211	2104
80006480281 201912	IT001E00051928	610842730 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	81573	35928	74056	0	181557	465
80006480281 201912	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	20618	7955	16746	0	45319	150
80006480281 201911	IT001E00053809	610842230 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	0	0	0	0	0	805
80006480281 201911	IT001E00053809	610842730 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	0	0	0	0	0	1936
80006480281 201911	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	455
80006480281 201911	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	134
80006480281 201910	IT001E00051928	610841113 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	0	0	0	0	0	747
80006480281 201910	IT001E00051928	61084230 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	0	0	0	0	0	2196
80006480281 201909	IT001E00053809	61084230 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	0	0	0	0	0	586
80006480281 201909	IT001E00053820	610842730 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	736
80006480281 201909	IT001E00051928	610841113 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	0	0	0	0	0	100
80006480281 201908	IT001E00051928	61082304 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	0	0	0	0	0	1133
80006480281 201908	IT001E00053809	61084230 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	0	0	0	0	0	2564
80006480281 201908	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	754
80006480281 201908	IT001E00051928	610842730 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	0	0	0	0	0	110
80006480281 201907	IT001E00053820	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	113
80006480281 201907	IT001E00051928	61082304 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	0	0	0	0	0	1216
80006480281 201906	IT001E00051928	61084230 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	0	0	0	0	0	2980
80006480281 201906	IT001E00053809	610842730 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	845
80006480281 201906	IT001E00051928	610841113 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	0	0	0	0	0	113
80006480281 201906	IT001E00053820	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	129
80006480281 201906	IT001E00051928	61082304 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	0	0	0	0	0	768
80006480281 201905	IT001E00053809	61084230 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	0	0	0	0	0	1868
80006480281 201905	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	399
80006480281 201905	IT001E00053820	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	0	0	0	0	0	123
80006480281 201904	IT001E00051928	61082304 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	118885	51769	92364	0	264012	787
80006480281 201904	IT001E00053809	61084230 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	312286	138535	258133	0	708954	1904
80006480281 201904	IT001E00051928	610842730 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	81418	34587	66951	0	182356	467
80006480281 201903	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	17865	7769	14503	0	39137	111
80006480281 201903	IT001E00053809	61082304 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	134690	61172	94900	0	230971	790
80006480281 201903	IT001E00053809	61084230 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	353659	166649	286680	0	786988	1940
80006480281 201903	IT001E00053820	610842730 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	95600	42577	70199	0	208376	488
80006480281 201902	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	18688	7807	13671	0	40146	105
80006480281 201902	IT001E00053809	61084230 PD	Padova	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0	0	128656	56683	87534	0	272873	821
80006480281 201902	IT001E00053809	610843230 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	324337	147337	237521	0	709395	1804
80006480281 201902	IT001E00053820	610842730 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	90577	37443	61209	0	189229	491
80006480281 201902	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	18377	7305	12412	0	38094	111
80006480281 201901	IT001E00053809	61084230 PD	Padova	VIALE G. COLONBO 3 - 35131 - PADOVA	0	0	0	0	0	0	0	792
80006480281 201901	IT001E00053820	610842730 PD	Padova	VIA G. GRADENIGO 6 - 35131 - PADOVA	0	0	0	0	0	0	0	1864
80006480281 201901	IT001E00051928	610841113 PD	Padova	VIA F. MARZOLIO 5 - 35131 - PADOVA	0	0	21786	7585	13892	0	43263	135

6.1 Accessibility, Recreation, Health and Well-Being

UCD's commitment to the promotion of education and learning through all aspects of university life including its built environment, is promoted through a campus which acts as a living laboratory.

As one of Europe's largest urban campuses, UCD simulates aspects of a scaled-down analogue of a city. It incorporates apartments, offices, laboratory and teaching facilities, restaurants, sports and parkland facilities, retail and entertainment services. It hosts a multitude of stakeholder groups on a daily basis and manages significant transport infrastructure.

A new UCD research initiative, UCD Mini City is a plan to develop a network of sensor technologies across the entire UCD Campus to act as a test bed and demonstrator of Smart City and related systems at scale. This will incorporate transport, lighting, heating, energy, security, parking, waste management, water, grounds-keeping, the environment and climate, as well as bespoke services for special target groups. It is hoped that UCD will be an enabler for research and rapid prototyping in: Smart City research; IoT (Internet of Things); Big Data; CyberPhysical systems; and the Sharing Economy.

The Belfield Campus will continue to be developed for faculty, staff, students and visitors and acts as a public engagement resource for the neighbouring community. The campus acts as a recreational, cultural and social resource with improved accessibility for the wider community through connections to local primary and secondary schools, combined with linkages to external sporting associations such as the National Hockey Association and Leinster Rugby. This fosters a positive interaction of the University while creating a permeable campus and synergies with the wider local community.

The Strategic Campus Development Plan 2016-2021-2026 advocates the development of enhanced publicly accessible open spaces, and pedestrian and cycling infrastructure. The pedestrian facilities within the academic core will continue to be improved.

UCD will continue to promote inclusivity, accessibility, equality, health and well-being, not only through its teachings and practices but in its built form.

The concept of universal access embraces a wider definition of accessibility, considering the needs of the ambulant disabled (eg. design of steps, handrails); vision impaired (eg. visual contrast); hearing impaired (eg. induction loops); and families (eg. baby changing).

The Plan promotes a strong integration and relationship within the network of green spaces and the three Belfield Campus Character Areas. The Plan promotes universal and inclusive design, whereby campus

facilities can be used to the greatest extent possible by all people, regardless of age, ability or disability.

The phased introduction of a coherent wayfinding strategy is an objective of this Plan, and presents an opportunity to enhance the campus experience. The main objectives include establishing clear focal points, a sense of arrival and a high quality welcome, while providing high-level direction and a public awareness and appreciation of unique campus amenities. The campus wayfinding strategy will consider how people orient themselves on the campus and how they navigate from place to place. The strategy will further facilitate and enhance public access through the site both in terms of legibility and providing interpretative information on areas of interest, such as the historic houses and sculptural trail.

A report published by the Department of Health, 'Healthy Ireland – A Framework for Improved Health and Well-Being 2013-2025', details the close relationship between physical and mental health and the environment, physical activity and social interaction. It emphasises the need to create a better environment for people to live in and to provide opportunities for healthy lifestyles to improve the overall health of the population.

There will be a holistic approach to campus development with multi-disciplinary procedures in the development of places and spaces to ensure that the design is state-of-the-art and integrated between environmental, social, legal and business needs. To date, the built environment has expanded in conjunction with the development of the public realm, incorporating pedestrian/cyclist paths, recreation areas and sports grounds, as well as aspects of the natural environment in the form of sustainable urban drainage features, woodland areas and waterbodies. In this regard, UCD is committed to the delivery of a healthy, green and efficient campus.

By endeavouring to reduce its carbon footprint through the promotion of renewable energies and energy efficient technologies, UCD will continue to implement initiatives aimed at reducing dependency on primary fossil fuels, in line with the National Energy Efficiency Action Plan, the White Paper "Ireland's Transition to a Low Carbon Energy Future – 2015-2030, and EU Directives.

The Strategic Campus Development Plan 2016-2021-2026 will deliver a stimulating, innovative and contemporary learning and working environment which is in keeping with standards of excellence synonymous with UCD.



APPENDIX 1

Building Design Principles

A core objective of the UCD Strategic Development Plan 2016-2021-2026 is the development of a modern, sustainable, healthy and living campus.

The Plan promotes the following:

- Sustainable use of campus lands with an emphasis on high architectural merit and material quality in the redevelopment and reuse of existing buildings and construction of new buildings.
- Emphasis on the use of sustainable materials, systems and technologies in buildings and infrastructure, considering life cycle costs, quality of materials and durability.
- Increased engagement with neighbouring communities and the public, and the promotion of UCD as an amenity for recreation and leisure.
- Partnership activities with industry to further innovation and economic activity.
- Preservation of the cultural heritage of the campus.
- Facilitation of legibility and permeability through the campus.
- Efficient use of campus facilities and ensuring the physical infrastructure of the University supports projected expansion.
- Strive to become an exemplar in the field of sustainable development. This will be achieved through the efficient management of water, energy and waste, as well as through a commitment to the principles of environmental protection and sustainability in the design, construction and redevelopment of campus buildings and facilities.
- Communication and promotion of sustainability initiatives and the benefits of sustainable practices to staff, students, visitors and the wider community through general education and raising awareness activities.
- Continued measurement, benchmarking and reporting of KPI (Key Performance Indicators) relating to the sustainability of the campus.

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- 1) Discussione della prova scritta.
- 2) La qualificazione degli operatori economici.
- 3) Come si definisce un blocco in ambiente Autocad e come funziona l'editor relativo?
- 4) Importazione ed elaborazioni di dati mediante tabella pivot provenienti da un file CSV.
- 5) Lettura ed interpretazione di un testo tecnico in inglese.

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plva_anno	new_pod	nr_utente	provincia	Indirizzo	Peak (kWh)	OffPeak (kWh)	F1 (kWh)	F2 (kWh)	F3 (kWh)	Energia Mese (kWh)	Energia (kWh)	Potenza MAX (kW)
80006480281		201912,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"127.656,00"	"54.192,00"	"104.732,00"	"0,00"	"286.580,00"	"826,00"			
80006480281		201912,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"318.561,00"	"141.452,00"	"284.198,00"	"0,00"	"744.211,00"	"2.104,00"			
80006480281		201912,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"81.573,00"	"35.928,00"	"74.056,00"	"0,00"	"191.557,00"	"465,00"			
80006480281		201912,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"20.618,00"	"7.955,00"	"16.746,00"	"0,00"	"45.319,00"	"150,00"			
80006480281		201911,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"805,00"				
80006480281		201911,IT001E00053820,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"1.936,00"				
80006480281		201911,IT001E00053809,610843230,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"455,00"				
80006480281		201911,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"134,00"				
80006480281		201910,IT001E00051928,610825304,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"747,00"				
80006480281		201910,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"2.196,00"				
80006480281		201910,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"586,00"				
80006480281		201910,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"113,00"				
80006480281		201910,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"1.072,00"				
80006480281		201909,IT001E00051928,610825304,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"2.504,00"				
80006480281		201909,IT001E00053809,610843230,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"736,00"				
80006480281		201909,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"100,00"				
80006480281		201908,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"1.133,00"				
80006480281		201908,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"2.564,00"				
80006480281		201908,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"754,00"				
80006480281		201907,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"1.211,00"				
80006480281		201907,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"2.980,00"				
80006480281		201907,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"2.980,00"				
80006480281		201907,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"113,00"				
80006480281		201906,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"1.216,00"				
80006480281		201906,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"2.980,00"				
80006480281		201906,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"883,00"				
80006480281		201906,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"129,00"				
80006480281		201905,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"768,00"				
80006480281		201905,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"1.868,00"				
80006480281		201905,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"399,00"				
80006480281		201905,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"123,00"				
80006480281		201904,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"264.012,00"	"787,00"			
80006480281		201904,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"312.286,00"	"138.535,00"	"258.133,00"	"0,00"	"708.954,00"	"1.904,00"			
80006480281		201904,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"81.418,00"	"34.587,00"	"66.951,00"	"0,00"	"182.956,00"	"467,00"			
80006480281		201904,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"17.365,00"	"7.269,00"	"14.503,00"	"0,00"	"39.137,00"	"111,00"			
80006480281		201903,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"94.900,00"	"790,00"			
80006480281		201903,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"353.659,00"	"166.649,00"	"266.680,00"	"0,00"	"786.988,00"	"1.940,00"			
80006480281		201903,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"95.600,00"	"42.577,00"	"70.199,00"	"0,00"	"208.376,00"	"488,00"			
80006480281		201903,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"18.668,00"	"7.807,00"	"13.671,00"	"0,00"	"40.146,00"	"105,00"			
80006480281		201902,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"87.534,00"	"821,00"			
80006480281		201902,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"324.337,00"	"147.537,00"	"257.521,00"	"0,00"	"272.873,00"	"1.804,00"			
80006480281		201902,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"90.577,00"	"37.443,00"	"61.209,00"	"0,00"	"189.229,00"	"491,00"			
80006480281		201902,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"18.377,00"	"7.305,00"	"12.412,00"	"0,00"	"38.094,00"	"111,00"			
80006480281		201901,IT001E00051928,610825304,PD,VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"792,00"				
80006480281		201901,IT001E00053809,610843230,PD,VIALE G. COLOMBO 3 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"1.964,00"				
80006480281		201901,IT001E00053820,610842730,PD,VIA G. GRADENIGO 6 - 35131 - PADOVA	"0,00"	"0,00"	"0,00"	"0,00"	"0,00"	"490,00"				
80006480281		201901,IT001E000114509,610841113,PD,VIA F. MARZOLO 5 - 35131 - PADOVA	"0,00"	"21.786,00"	"7.585,00"	"13.892,00"	"0,00"	"43.263,00"	"135,00"			



APPENDIX 2

Potential Future Building Locations and Building Heights

Complimentary architecture, building height, scale and mass will be considered carefully in the context of sustainable development whilst balancing the interaction between the built and natural environment.

The drawing overleaf outlines both short-term priority sites (red) for development and medium-long term potential future building locations (blue).

The Height Strategy of the County Development Plan 2016-2022 references the UCD Campus Development Plan 2005-2015 (UCD Masterplan) and identifies the Belfield Campus as a key centre in the County which can accommodate tall buildings, i.e. significantly taller than the prevailing building height for the area.

It would be unsustainable to continue to develop the Belfield Campus with 1-2 storey buildings. Generally, 5-10 storey residential developments for student accommodation will be considered depending on location while up to 6 storeys will be considered for educational buildings.

There is potential for landmark buildings at Belfield, for example at the Stillorgan Road (R138) campus entrance and the redevelopment of the Science Precinct.

The scale of existing and indicative future building heights are outlined overleaf. For future developments, building heights will be subject to detailed design and will be considered carefully to address sustainable land-use, the site specific location, boundary sensitivities, and the need to promote wayfinding and the creation of a greater sense of place.

Proposals for taller buildings will be subject to impact assessment at locations within and peripheral to the Campus. The development of the Campus with taller buildings will help meet the specific local objective of the County Development Plan 'to raise, support and enhance the development of University College Dublin including its associated and supporting facilities. A range of uses will be provided on Belfield campus, and the provision of high quality, diverse, and well-connected public realm and the quality of life in the County.'

AD
PB

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(kwh)	F2 (kwh)	pod_new_nr_utente	F3 (kwh)	provincia	Indirizzo	Peak (kwh)	OffPeak (kwh)	F1
		Energia Mese (kwh)			Energia (kwh)	Potenza MAX (kw)		
80006480281	201912	610825304	IT001E00051928	PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	826,00		0,00
0,00	127.656,00	104.732,00	54.192,00	0,00	286.580,00			
80006480281	201912	610843230	IT001E00053809	PD	VIALE G. COLOMBO 3 - 35131 - PADOVA	826,00		0,00
318.561,00	141.452,00	0,00	284.198,00	744.211,00				
80006480281	201912	610842730	IT001E00053820	PD	VIA G. GRADENIGO 6 - 35131 - PADOVA	2.104,00		0,00
81.573,00	35.928,00	0,00	74.056,00	191.557,00				
80006480281	201912	610841113	IT001E00114509	PD	VIA F. MARZOLO 5 - 35131 - PADOVA	465,00		0,00
20.618,00	7.955,00	0,00	16.746,00	45.319,00				
80006480281	201911	610825304	IT001E00051928	PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	150,00		0,00
0,00	0,00	0,00	0,00	805,00				
80006480281	201911	610843230	IT001E00053809	PD	VIALE G. COLOMBO 3 - 35131 - PADOVA			0,00
0,00	0,00	1.936,00	0,00					
80006480281	201911	610842730	IT001E00053820	PD	VIALE G. COLOMBO 3 - 35131 - PADOVA			0,00
0,00	0,00	455,00	0,00					
80006480281	201911	610841113	IT001E00114509	PD	VIA G. GRADENIGO 6 - 35131 - PADOVA			0,00
0,00	0,00	134,00	0,00					
80006480281	201910	610825304	IT001E00051928	PD	VIA F. MARZOLO 5 - 35131 - PADOVA			0,00
0,00	0,00	610843230	IT001E00053809	PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA			0,00
80006480281	201910	747,00	0,00					
0,00	0,00	2.196,00	0,00					
80006480281	201910	610842730	IT001E00053820	PD	VIALE G. COLOMBO 3 - 35131 - PADOVA			0,00
0,00	0,00	586,00	0,00					
80006480281	201910	610841113	IT001E00114509	PD	VIA G. GRADENIGO 6 - 35131 - PADOVA			0,00
0,00	0,00	113,00	0,00					
80006480281	201909	610825304	IT001E00051928	PD	VIA F. MARZOLO 5 - 35131 - PADOVA			0,00
0,00	0,00	0,00	0,00					
80006480281	201909	610843230	IT001E00053809	PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA			0,00
0,00	0,00	1.072,00	0,00					
80006480281	201909	610842730	IT001E00053820	PD	VIALE G. COLOMBO 3 - 35131 - PADOVA			0,00
0,00	0,00	2.504,00	0,00					
80006480281	201909	610841113	IT001E00114509	PD	VIA G. GRADENIGO 6 - 35131 - PADOVA			0,00
0,00	0,00	736,00	0,00					
80006480281	201909	610841113	IT001E00114509	PD	VIA F. MARZOLO 5 - 35131 - PADOVA			0,00
0,00	0,00	100,00	0,00					
80006480281	201908	610825304	IT001E00051928	PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA			0,00
0,00	0,00							

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0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
80006480281		201908	IT001E00053809	610843230	1.133,00	PD	VIALE G. COLOMBO 3 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	2.564,00					
80006480281		201908	IT001E00053820	610842730		PD	VIA G. GRADENIGO 6 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	754,00					
80006480281		201908	IT001E00114509	610841113		PD	VIA F. MARZOLO 5 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	110,00					
80006480281		201907	IT001E00051928	610825304		PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	0,00	1.211,00				
80006480281		201907	IT001E00053809	610843230		PD	VIALE G. COLOMBO 3 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	2.980,00					
80006480281		201907	IT001E00053820	610842730		PD	VIA G. GRADENIGO 6 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	845,00					
80006480281		201907	IT001E00114509	610841113		PD	VIA F. MARZOLO 5 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	113,00					
80006480281		201906	IT001E00051928	610825304		PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	0,00	1.216,00				
80006480281		201906	IT001E00053809	610843230		PD	VIALE G. COLOMBO 3 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	2.980,00					
80006480281		201906	IT001E00053820	610842730		PD	VIA G. GRADENIGO 6 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	883,00					
80006480281		201906	IT001E00114509	610841113		PD	VIA F. MARZOLO 5 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	129,00					
80006480281		201905	IT001E00051928	610825304		PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	0,00	768,00				
80006480281		201905	IT001E00053809	610843230		PD	VIALE G. COLOMBO 3 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	1.868,00					
80006480281		201905	IT001E00053820	610842730		PD	VIA G. GRADENIGO 6 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	399,00					
80006480281		201905	IT001E00114509	610841113		PD	VIA F. MARZOLO 5 - 35131 - PADOVA	0,00	0,00
0,00	0,00	0,00	0,00	123,00					
80006480281		201904	IT001E00051928	610825304		PD	VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA	0,00	0,00
0,00	119.885,00		51.763,00	92.364,00					
80006480281		201904	IT001E00053809	610843230		PD	VIALE G. COLOMBO 3 - 35131 - PADOVA	0,00	0,00
312.286,00		138.535,00	258.133,00	0,00	708.954,00		1.904,00	0,00	0,00

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80006480281		201904	IT001E00053820	610842730									
		81.418,00	34.587,00	66.951,00	0,00	182.956,00	VIA G. GRADENIGO 6 - 35131 - PADOVA						0,00
80006480281		201904	IT001E00114509	610841113			VIA F. MARZOLO 5 - 35131 - PADOVA						0,00
		17.365,00	7.269,00	14.503,00	0,00	39.137,00	111,00						0,00
80006480281		201903	IT001E00051928	610825304			VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA						0,00
		0,00	134.900,00	61.171,00	94.900,00	0,00	290.971,00	790,00					0,00
80006480281		201903	IT001E00053809	610843230			VIALE G. COLOMBO 3 - 35131 - PADOVA						0,00
		353.659,00	166.649,00	266.680,00	0,00	786.988,00	1.940,00						0,00
80006480281		201903	IT001E00053820	610842730			VIA G. GRADENIGO 6 - 35131 - PADOVA						0,00
		95.600,00	42.577,00	70.199,00	0,00	208.376,00	488,00						0,00
80006480281		201903	IT001E00114509	610841113			VIA F. MARZOLO 5 - 35131 - PADOVA						0,00
		18.668,00	7.807,00	13.671,00	0,00	40.146,00	105,00						0,00
80006480281		201902	IT001E00051928	610825304			VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA						0,00
		0,00	128.656,00	56.683,00	87.534,00	0,00	272.873,00	821,00					0,00
80006480281		201902	IT001E00053809	610843230			VIALE G. COLOMBO 3 - 35131 - PADOVA						0,00
		324.337,00	147.537,00	237.521,00	0,00	709.395,00	1.804,00						0,00
80006480281		201902	IT001E00053820	610842730			VIA G. GRADENIGO 6 - 35131 - PADOVA						0,00
		90.577,00	37.443,00	61.209,00	0,00	189.229,00	491,00						0,00
80006480281		201902	IT001E00114509	610841113			VIA F. MARZOLO 5 - 35131 - PADOVA						0,00
		18.377,00	7.305,00	12.412,00	0,00	38.094,00	111,00						0,00
80006480281		201901	IT001E00051928	610825304			VIALE DELL'UNIVERSITA' 16 - 35131 - PADOVA						0,00
		0,00	0,00	0,00	0,00	0,00	792,00						0,00
80006480281		201901	IT001E00053809	610843230			VIALE G. COLOMBO 3 - 35131 - PADOVA						0,00
		0,00	0,00	0,00	1.964,00								0,00
80006480281		201901	IT001E00053820	610842730			VIA G. GRADENIGO 6 - 35131 - PADOVA						0,00
		0,00	0,00	0,00	490,00								0,00
80006480281		201901	IT001E00114509	610841113			VIA F. MARZOLO 5 - 35131 - PADOVA						0,00
		21.786,00	7.585,00	13.892,00	0,00	43.263,00	135,00						0,00