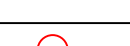
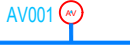
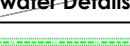
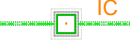
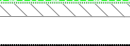
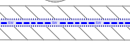
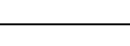
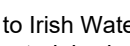
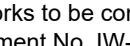
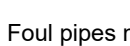
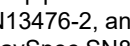
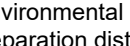
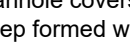
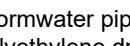
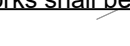


Legend:		
Watermain Details:		
	Denotes Connection Pipe (25mm O.D. PE Pipe)	Document No. IW-CDS-5020-01
	Denotes Connection Pipe (32mm O.D. PE Pipe)	Water Service Connection Responsibility : STD-W-01
	Denotes 110/125mm O.D. HDPE Watermain	Customer Connection & Boundary Box : STD-W-03
	Denotes 110/125mm O.D. HDPE Watermain loop	Marker Posts & Plates : STD-W-27
	Denotes Sluice Valve	General Pipe Connections : STD-W-04
	Denotes Washout Hydrant	General Pipe Connections : STD-W-05
	Denotes Non-Return Valve	General Pipe Connections : STD-W-07
	Denotes Fire Hydrant	Trench Backfill and Bedding : STD-W-13
	Denotes Air Valve	Watermain Thrust & Support Blocks : STD-W-28
	Denotes Water Meter	Sluice Valve : STD-W-15
	Denotes Existing Public Watermain	Marker Posts & Plates : STD-W-27
Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5020-01		
1. Mains should extend no more than 1.2m beyond the final Service Connection to mitigate dead-end Mains (Code of Practice for Water Infrastructure - Section 3.5)		
2. Service connection pipes should be a minimum of 25mm outside diameter, 20mm inside diameter, and should be provided with appropriately sized fittings. (Code of Practice for Water Infrastructure - Section 3.8)		
3. Separation distances must be in compliance with Standard details & Code of Practice for Water Infrastructure		
4. All meters in the manifold shall be tagged to indicate which property is supplied and any unused outlets are to be blanked off.		

- Note: Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5020-01
- Mains should extend no more than 1.2m beyond the final Service Connection to mitigate dead-end Mains (Code of Practice for Water Infrastructure - Section 3.5)
 - Service connection pipes should be a minimum of 25mm outside diameter, 20mm inside diameter, and should be provided with appropriately sized fittings. (Code of Practice for Water Infrastructure - Section 3.8)
 - Separation distances must be in compliance with Standard details & Code of Practice for Water Infrastructure
 - All meters in the manifold shall be tagged to indicate which property is supplied and any unused outlets are to be blanked off.

Legend:		
Wastewater Details:		
	Denotes Foul Pipe	Document No. IW-CDS-5030-01
	Denotes Foul Manhole	Waste Water Service Connection Responsibility : STD-WW-01
	Denotes Inspection Chamber	Typical Layout for Sewer within New Developments STD-WW-02
	Denotes Foul Pipe	Drain & Service Connection Pipework : STD-WW-03
	Denotes Ex. Foul Sewer	Typical Sewer / Service pipe Connection : STD-WW-04
	Denotes Ex. Foul Sewer	STD-WW-06 Existing Planting STD-WW-06
	Denotes Ex. Foul Sewer	Restrictions on new planting adjacent to sewers STD-WW-06A
Storm Water Details:		
	Denotes Connection Pipe	Trench Backfill & Bearing : STD-WW-07
	Denotes Storm Pipe	Concrete Bed, Haunch & Surround to Waste Water : STD-WW-08
	Denotes Storm Manhole	Pre-cast Concrete Manhole : STD-WW-10
	Denotes Storm Pipe	Backdrop manholes: STD-WW-12
	Denotes Storm Pipe	Private Side Inspection Chamber : STD-WW-13
	Denotes Storm Pipe	
	Denotes Storm Pipe	
	Denotes Storm Pipe	
	Denotes Storm Pipe	
	Denotes Storm Pipe	
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	Denotes Storm Pipe	
	Denotes Storm Pipe	

- Note:
- Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5030-01
- Pipe materials shall comply with Section 3.9 of Irish Water's Code of Practice.
- All works to be constructed to conform with Irish Water's Code of Practice for Wastewater Infrastructure Document No. IW-CDS-5030-03.
- All Foul pipes must be in compliance with Code of Practice for Wastewater Infrastructure - Section 3.13
 - Foul pipe to be 'WavSpec SN8' shall be structure wall construction Type A manufactured in accordance with EN13475-2, and comprising PVC-U smooth internal and external layers with either a foamed or a recycled PVC-U core
 - 'WavSpec SN8' shall be manufactured in accordance with Quality Management system IS EN ISO 9001:2008 and Environmental Quality System IS EN ISO 14001:2004
 - Separation distances must be in compliance with Standard details & Code of Practice for Wastewater Infrastructure
 - Manhole covers, where located in grass areas, shall be surrounded by a concrete plinth, 200mm all round and 100mm deep formed with C20/25 concrete
 - All new trees/shrubs planting will comply with minimum planting distances as per standard detail STD-WW-06A
 - Stormwater pipe will be a JFC Corripipe twin wall SN6/SN8 polyethylene drainage pipe. Corripipe is a twin wall polyethylene drainage pipe manufactured from a black high density polyethylene by a twin extrusion process.

*Works shall be carried out to Uisce Éireann Code of Practice Document-CDS-5030-03

ITM Co-ordinates
X = 558029.772
Y = 570702.374

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E	J.M.	B.O'S.	C.O'S.	16.02.26	Issued to Uisce Éireann for Design Approval
D	J.M.	B.O'S.	C.O'S.	30.01.26	Issued to Uisce Éireann for Design Approval
C	A.G.	B.O'S.	C.O'S.	02.10.25	Issued to Uisce Éireann for Design Approval
B	A.G.	B.O'S.	C.O'S.	25.09.25	Issued to Uisce Éireann for Design Approval
A	A.G.	B.O'S.	C.O'S.	05.09.25	Issued to Uisce Éireann for Design Approval
REV.	DRAWN	CHKD	APPRVD	DATE	DETAILS

CLIENT
Castle Peak Properties Ltd

PROJECT
LRD at former DELL EMC premises, Innishmore, Ballincollig, Cork A1

DRAWING TITLE
Proposed Combined Services Layout

SCALE
1:250

PROJECT NO. 6709
DRAWING NO. 0040
STATUS/ISSUE E