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- NOTES:
1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
 2. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE AND OUTFALL LEVELS AND LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
 3. ALL DIMENSIONS AND LEVELS ARE IN METERS AND ARE RELATED TO ORDINANCE DATUM. CO-ORDINATES RELATE TO IRISH TRANSVERSE MERCATOR.
 4. ALL FOUL SEWERS, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND IRISH WATER WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
 5. ALL PUBLIC SURFACE WATER SEWERS TO BE IN ACCORDANCE WITH SOUTH DUBLIN COUNTY COUNCIL'S TAKING IN CHARGE POLICY AND THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
 6. SURFACE WATER DRAINAGE STRATEGY TO BE IN ACCORDANCE WITH THE CLONBURRIS SURFACE WATER MANAGEMENT PLAN.
 7. ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/CYCLETRACK LEVELS UNLESS OTHERWISE STATED.
 8. CONTRACTOR TO INCLUDE FOR TESTING AND CCTV SURVEY OF ALL SEWERS UPON COMPLETION OF SAME.
 9. WHERE COVERS ARE LOCATED IN GRASS AREAS THEY SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, BEDDED IN CLAUSE 808 MATERIAL.

SERVICES LEGEND

- PROPOSED SITE BOUNDARY
- PROPOSED PERMEABLE PAVING
- PROPOSED GREEN ROOF
- BIORETENTION AREA/ RAIN GARDEN TO BE CONSTRUCTED AS PART OF THE CLONBURRIS SOUTHERN LINK STREET [S0220A/0021]. LINK STREET INFRASTRUCTURE DOES NOT FORM PART OF CLONBURRIS T1 WORKS
- PROPOSED SWALE WITH CRATED MANHOLE COVER (BRIO BY EJ OSA)
- SUDS TREE PIT

SuDS FEATURE TOTAL STORAGE VOLUMES				
PERMEABLE PAVING PARKING				
Total Area (m ²)	Build-up Depth (m)	Build-up Volume (m ³)	Porosity	Total Storage Capacity (m ³)
7888	0.5	3943.375	0.3	1183
⁽¹⁾ Permeable paving used for all parking spaces				
BIORETENTION AREAS				
Total Area (m ²)	Build-up Depth (m)	Build-up Volume (m ³) ⁽²⁾	Porosity	Total Storage Capacity (m ³)
1165	1.7	1980	0.3	594
⁽²⁾ Bioretention area build-up volume of filter medium layer, transition layer and drainage layers				
GREEN ROOFS				
Total Area (m ²)	Build-up Depth (m)	Build-up Volume (m ³) ⁽³⁾	Porosity	Total Storage Capacity (m ³)
2321	0.06	139.272	0.3	42
⁽³⁾ Porous sedum substrate green roof build-up volume excluding non-porous insulation layers				
TREE PITS				
Total Area (m ²)	Build-up Depth (m)	Build-up Volume (m ³) ⁽⁴⁾	Porosity	Total Storage Capacity (m ³)
218	1.50	327.375	0.3	98
⁽⁴⁾ Porous sedum substrate green roof build-up volume excluding non-porous insulation layers				
SWALES				
Length (m)	Volume/m length (m ³)	Build-up Volume (m ³) ⁽⁵⁾	Porosity	Total Storage Capacity (m ³)
399	0.375	N/A	N/A	149.6
⁽⁵⁾ Note: Swales act as conveyance only				

NOTE: ALL NECESSARY ATTENUATION FOR THE DEVELOPMENT IS ACCOUNTED FOR IN THE REGIONAL ATTENUATION AREAS PERMITTED UNDER SDZ20A/0021. THE LOCALISED STORAGE VOLUMES OF THE SuSD FEATURES INDICATED PROVIDE ADDITIONAL SURFACE WATER STORAGE OVER AND ABOVE THE REQUIRED STORAGE PROVIDED WITHIN THE BASINS/TANKS PROPOSED FOR THIS DEVELOPMENT

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purpose		acceptance		
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