



ON ORIGINAL  
 0 10 20 30 40 50m

© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

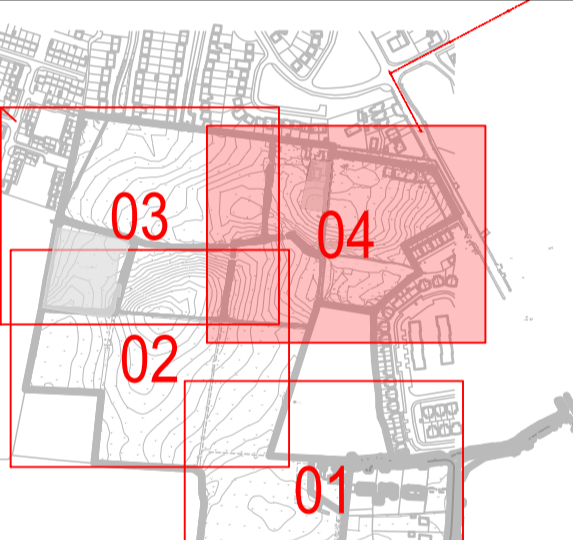
NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE IN WRITING, FROM DBFL.

NOTES:

- GENERAL NOTES:
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WORKS REQUIREMENTS.
  - ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
  - ALL CO-ORDINATES ARE TO IRISH NATIONAL GRID.
  - ALL LEVELS ARE TO ORDNANCE DATUM (MALIN HEAD).
  - ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY FULLY WITH THE WORKS REQUIREMENTS REFER TO APP 117.
  - THE CONTRACTOR MUST LIAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE WORKS REQUIREMENTS.
  - ALL VEHICULAR PEDESTRIAN & CYCLE ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT PLAN.
  - ALL PERMANENT TRAFFIC MANAGEMENT TO BE CONCEALED/REMOVED OR INCORPORATED INTO THE CONTRACTORS TEMPORARY TRAFFIC MANAGEMENT PLAN THROUGHOUT WORKS AND TRANSFERRED ONLY WHEN AGREED WITH LOCAL AUTHORITY TRAFFIC DEPARTMENT.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE ONGOING MAINTENANCE OF TRAFFIC SIGNALS FROM THE STARTING DATE TO SUBSTANTIAL COMPLETION. THIS INCLUDES ALL TEMPORARY TRAFFIC SIGNALS WHILE IN TRANSITION BETWEEN THE CURRENT TRAFFIC MANAGEMENT REGIME AND THE PROPOSED TRAFFIC MANAGEMENT REGIME.
  - ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND IN ADDITION THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION S.R. 21/014 GUIDANCE ON THE USE OF I.S. EN 12620:2002 + A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 1444R OF THE CONTRACT SPECIFICATION.

- DRAWING SPECIFIC NOTES:
- ALL FOUW SEWERS, RISING MAINS, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND IRISH WATER WASTEWATER INFRASTRUCTURE STANDARD DETAILS. REFER TO SPECIFICATION APPENDIX S1 FOR FURTHER DETAILS.
  - ALL SURFACE WATER SEWERS, CONNECTIONS, MANHOLES AND GULLIES TO BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATION APPENDIX S1.
  - ALL EXISTING GULLY LEADS AND SEWERS SHALL BE JETTED CLEAR FOR FUTURE USE WHETHER ADJUSTED, REPLACED OR RETAINED.
  - LOCATION AND INVERT LEVELS OF EXISTING MANHOLES OR OUTFALL POINTS, WHERE APPLICABLE TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
  - ALL COVERS AND FRAMES TO BE CLASS D400 TO IS EN 124, 150MM MINIMUM FRAME DEPTH. REFER TO SPECIFICATION APPENDIX S1 FOR FURTHER DETAILS.
  - ALL WATERMANS VALVES AND FITTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE. REFER TO APPENDIX 2717 FOR FURTHER DETAILS.
  - MARKER POSTS AND PLATES ARE TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W17.
  - CONNECTION TO EXISTING WATERMANS TO BE COORDINATED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
  - EXISTING AND PROPOSED DRAINAGE NETWORKS WITHIN SCHEME EXTENTS TO BE JETTED CLEAR FOLLOWING COMPLETION OF DRAINAGE WORKS AND CCTV SURVEY TO BE UNDERTAKEN AND PROVIDED TO THE EMPLOYERS REPRESENTATIVE.
  - DRAINAGE DRAWINGS SHOULD BE READ IN CONJUNCTION WITH DRAINAGE LONG SECTIONS AND SCHEDULES.

KEY PLAN



ORDNANCE SURVEY IRELAND LICENCE  
 No CYAL50276885  
 © ORDNANCE SURVEY IRELAND  
 GOVERNMENT OF IRELAND

**PROPOSED SERVICES LEGEND**

- PROPOSED EXTENT OF WORKS BOUNDARY
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER GULLY AND 1500 COLLECTOR PIPE
- PROPOSED SUDS CONNECTION TO TREE PIT
- UNDERGROUND ATTENUATION STORAGE (STORMTECH)
- PROPOSED SURFACE WATER SWALE WITH GRATED OUTLET
- PERMEABLE PAVING (PRIVATE)
- PROPOSED FOUL WATER SEWER
- EXISTING WATERMAIN
- EX SW SEWER
- EX FOUL SEWER
- DECOMMISSIONED SEWER
- EXISTING OPEN DRAIN/DITCH
- RELOCATED OPEN DRAIN/DITCH
- EXISTING OPEN DRAIN TO BE INFILLED
- PROPOSED ROAD LEVEL
- FINISHED FLOOR LEVEL
- PROPOSED ATTENUATION POND (DARK BLUE = PERMANENT WATER LEVEL, LIGHT BLUE = Q100 WATER LEVEL)

P02	01-09-22	STAGE 3 SHD PLANNING	GMC	BCM
P01	15-12-21	STAGE 2 SHD PLANNING	GMC	BCM
rev	date	description	by	chkd.
client approval		A - Approved		
		B - Approved with comments		
		C - Do not use		

S2 - INFORMATION PLANNING

**DBFL Consulting Engineers**  
 Civil, Structural & Transportation Engineering  
 www.dbfl.ie

SUBURB OFFICE: Ormond House, Upper Ormond Quay, Dublin 7, D07 W074  
 PHONE: +353 1 404 6300

CORK OFFICE: 14 South Mall, Cork, T12 CT91  
 PHONE: +353 21 2024538

WATERFORD OFFICE: Suite 10 The Arkun, Maritime Gate, Canada Street, Waterford, X91 W028  
 PHONE: +353 51 309 500

project ref:  
**ASHBOURNE SHD**

drawing title:  
**SITE SERVICES LAYOUT SHEET 4**

client:  
**ARNUB LTD. & ASPECT HOMES (ADC) LTD**

designed by: BCM  
 author: JLB  
 scale: 1:500  
 sheet size: A1

drawing no:  
**200059-DBFL-CS-SP-DR-C-1304**  
 revision: P02