



SERVICES LEGEND

- PROPOSED PLANNING SITE BOUNDARY
- CANAL SET BACK LINE
- PROPOSED PERMEABLE PAVING (MANAGEMENT COMPANY)
- ON WAYLAWE
- PROPOSED GREEN ROOF
- EX MH
- EX MH
- PROPOSED SURFACE WATER SEWER AND MANHOLE
- PROPOSED SURFACE WATER INSPECTION CHAMBER AND 150mm UPVC HOUSE DRAIN
- ROAD GULLY
- TYPE 2 - PIT ROAD GULLY
- PROPOSED FILTER DRAIN WITH GRADED MANHOLE COVER (BRO BY EJ OSA)
- PROPOSED SWALE WITH GRADED MANHOLE COVER (BRO BY EJ OSA) TO DETAIL ON DRAWING CLB-18-94-SW-DR-DBFL-CE-5003
- SUDS TREE PIT (TYPE 1 - GULLY CONNECTION) TO DETAIL ON DRAWING CLB-18-94-SW-DR-DBFL-CE-5004
- SUDS TREE PIT (TYPE 2 - DIRECT DISCHARGE) TO DETAIL ON DRAWING CLB-18-94-SW-DR-DBFL-CE-5004
- BIORETENTION AREA TO DETAIL ON DRAWING CLB-18-94-SW-DR-DBFL-CE-5003
- EX MH
- EX MH
- PROPOSED FOUL SEWER AND MANHOLE
- PROPOSED 100mm UPVC FOUL INSPECTION CHAMBER AND HOUSE DRAIN (STW-WW-13)
- PROPOSED LEVELS
- EXISTING LEVELS
- FFL 99.999 FINISHED FLOOR LEVEL
- WORKS SUBJECT TO SEPARATE PLANNING PERMISSIONS

ON ORIGINAL

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- ### NOTES:
1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER FORMED 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 ORDNANCE 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. ALL PUBLIC SURFACE WATER SEWERS TO BE MINIMUM 225 DIA. CLASS H CONCRETE TO EN1916 & IS 8204.
 5. SURFACE WATER CONNECTIONS TO BE TO I.S. EN 285-1028:1992 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
 6. ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/CYCLETRACK LEVELS UNLESS OTHERWISE STATED.
 7. CONTRACTOR TO INCLUDE FOR CCTV SURVEY OF ALL SEWERS UPON COMPLETION OF SAME.
 8. ALL FOUL SEWERS AND MANHOLES TO BE AIR TESTED IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
 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 804 MATERIAL.
 10. ALL FOUL SEWERS TO BE CONCRETE OR UPVC TO IS EN 1916 AND SECTION 3.13 OF WASTEWATER CODE OF PRACTICE.
 11. ALL RISING MAINS TO BE DUCTILE IRON TO IS EN 588 AND SECTION 3.14 OF WASTEWATER CODE OF PRACTICE.
 12. ACC FINISHES AND DETAILS TO BE AS PER LANDSCAPE ARCHITECT AND ARCHITECT DETAILS.
 13. WHERE MANHOLE COVERS ARE TO BE LOCATED IN SOFT LANDSCAPED GRASS AREAS, COVERS ARE TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100mm DEEP FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL.

rev	date	description	by	chkd.
2	22-09-23	ISSUED FOR CFI	DCB	DCB
1	07-07-23	FURTHER INFORMATION	RMC	DCB
0	13-12-22	ISSUED FOR PLANNING	RMC	DCB

STATUS CODES	
purpose	acceptance
P3 - PLANNING PERMISSION	S - ISSUED

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project ref. **CLONBURRIS T2**

drawing title **DRAINAGE LAYOUT**

client **CAIRN HOMES**

designed by	author	scale	sheet size
DCB	RMC	1:500	A1

drawing no.	revision
CLB-18-94-SW-DTM-DR-DBFL-CE-1001	2

TIE INTO EXISTING SURFACE WATER MANHOLE TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

TIE INTO EXISTING FOUL MANHOLE TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

HYDRO BRAKE OR SIMILAR APPROVED FLOW CONTROL MANHOLE WITH DESIGN HEAD: 1.8m DESIGN FLOW: 9.6l/s

ATTENUATION POND OUTLET IL 57.400

LOW FLOW CHANNEL

ATTENUATION POND PROVIDING 2180m³ TOTAL ATTENUATION STORAGE (NV = 57.4 TML 59.0m)

CALCULATED MINIMUM STORAGE FOR THE 1% AEP STORM + 20% CC = 1478m³ (@ WL 58.683m)

SEE DRAWING CLB-18-94-SW-DTM-DR-DBFL-CE-5005 FOR ATTENUATION AREA DETAIL

ATTENUATION POND DISCHARGE IL 57.800

SEE DRAWING CLB-18-94-SW-DTM-DR-DBFL-CE-5005 FOR ATTENUATION AREA CROSS SECTIONS

450mm DIAMETER PIPE AND HEADWALL TO CAPTURE EXISTING AGRICULTURAL DRAINAGE PRIOR TO LAND DEVELOPMENT. HEADWALL TO TII STANDARD DETAILS CC-SCD-00553 OR EQUIVALENT APPROVED PRECAST UNIT. TO BE DECOMMISSIONED AFTER COMMISSIONING OF CLONBURRIS T2 SURFACE WATER SEWER NETWORK.

TIE INTO FOUL DRAINAGE CONSTRUCTED UNDER PERMITTED CLONBURRIS SOUTHERN LINK STREET DEVELOPMENT (S0220A0021)