

NOTES:
 1. ALL PIPES TO BE SIZED AND LAID AS NOTED;
 2. ALL POP-UP LOCATIONS AND SIZES TO BE CONFIRMED WITH ARCHITECTS & M&E DRAWINGS;
 3. ALL INTERNAL DRAINAGE IN ACCORDANCE TO THE BUILDING REGULATIONS PART H;
 4. NON RETURN VALVES TO BE TIDEFLEX IN LINE CHECK VALVE OR SIMILAR APPROVED AT PIPE OUTLETS;
 5. ALL CHAMBER COVERS TO BE D400 RATED;
 6. ALL FOUL CHAMBERS TO HAVE DOUBLE-SEALED COVERS;
 7. SADDLE CONNECTIONS TO BE PROVIDED AT ALL BRANCH CONNECTIONS TO MAIN DRAINAGE NETWORKS, UNLESS AT MANHOLE;
 8. ALL RISING MAINS ARE TO BE EN598;
 9. ALL NOTED PIPE DIAMETERS ARE INTERNAL;
 10. ALL MANHOLE CHAMBERS TO BE MINIMUM OF 0.5m FROM KERBLINE AND SEWERS TO BE MINIMUM OF 1m FROM KERBLINE

ALL DRAINAGE WORKS TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD DETAILS DRAWINGS AND THE WRITTEN SPECIFICATIONS DOCUMENT 'SITE DEVELOPMENT WORKS_REV_06'

NOTE:
 ALL DRAINAGE INFRASTRUCTURE TO BE LAID IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE, GSDS, GDCROP AND BUILDING REGULATIONS PART H

TOTAL SITE AREA: 3.9ha
 TOTAL IMPERMEABLE AREA: 3.4ha
 Qmax - 6.0l/s
 Storage Required - 2,500m³
 Storage Provided - 2,746m³ @ 6.0l/s
 5mm Interception Required - 170m³
 5mm Interception Provided - 178m³

CATCHMENT A
 TOTAL CATCHMENT AREA: 2.0ha
 CATCHMENT IMPERMEABLE AREA: 1.8ha
 Storage Required - 1,491m³
 Storage Provided - 1,491m³
 Qmax - 3.2l/s

CELLULAR STORAGE
 Total storage provided - 1,250m³
 Min FFL: 31.000m
 Max TWL: 30.500m
 Min CL: 31.000m
 Tank IL: 28.500m

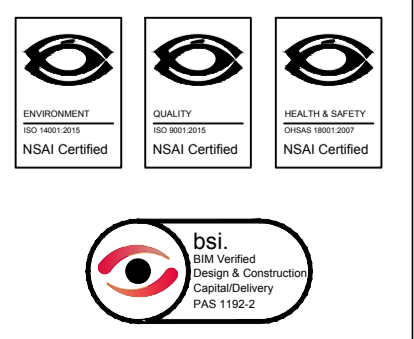
5mm INTERCEPTION
 At the base of Cellular Storage
 0.25m(D) * 1,000m²(Area) @ 40% porosity
 Total storage provided - 100m³
 Tank IL: 28.250m

PLANNING DRAWING.
 NOT FOR CONSTRUCTION.
 ALL LEVELS GIVEN ARE
 RELATIVE TO ORDNANCE DATUM.
 THIS DRAWING HAS BEEN ISSUED FOR INFORMATION
 PURPOSES ONLY AND MUST NOT BE USED
 FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
- NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF O'CONNOR SUTTON CROMIN AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No.	Date	Revision Note	Drn by	Chkd by
P01	24.07.19	SUITABLE FOR INFORMATION	AF	SD
C01	31.07.19	PAC SUBMISSION	JS	SD
C02	25.09.19	DRAINAGE LAYOUT REVISED	DOM	SD
C03	02.10.19	STAGE COMPLETE - SUITABLE FOR CONSTRUCTION	DOM	SD
C04	07.10.19	REVISED WASTEWATER DRAINAGE	DOM	SD
P02	09.10.19	REVISED WASTEWATER LAYOUT	DOM	SD
C05	21.10.19	ISSUED FOR PLANNING	RB	SD

Rev No.	Date	Revision Note	Drn by	Chkd by



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Client: SEVEN CABRA REAL ESTATE LTD.
 Project: HAMILTON GARDENS,
 CARNLOUGH ROAD, CABRA.

Title: PROPOSED DRAINAGE LAYOUT
 SHEET 1 OF 3

Code | Originator | Zone | Level | Type | Role | Number | Status | Revision
 R484-OCSC-XX-XX-DR-C-0501 A1 C05

Date: 24.07.19 Scale: 1:250 @ A1 Drn by:AF Chkd by:SD Aprvd by:AH