



- GENERAL:
1. ALL DIMENSIONS AND LEVELS IN METRES, EXCEPT IF NOTED OTHERWISE.
 2. ALL LEVELS TO MALIN HEAD DATUM.
 3. CO-ORDINATE SYSTEM IS: IRISH TRAVERSE MERCATOR.
 4. ALL COVERS IN PUBLIC AREAS TO BE IS EN 124 D400 UNLESS NOTED OTHERWISE.
 5. ALL MATERIALS PROPOSED FOR USE ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON SITE.
 6. CE CERTIFICATION TO BE PROVIDED FOR ALL PRODUCTS COVERED BY THE EU CONSTRUCTION PRODUCTS REGULATION (NO.305/2011-CPR).
- SURFACE WATER:
4. ALL MAIN SEWERS WITH LESS THAN 1.2m COVER UNDER ROADS AND 0.9m COVER UNDER GRASSED AREAS AND FOOTPATHS TO BE SURROUNDED IN 150mm CONCRETE.
 5. MAXIMUM SIZE OF PVC AND TWIN-WALLED PIPES TO BE 375mm. ABOVE THIS CONCRETE PIPES TO BE USED.
 6. MANHOLES, AIS AND SERVICE COVERS LOCATED IN BLOCK PAVED OR PAVING SLAB AREAS ARE TO HAVE RECESSED COVERS TO RECEIVE PAVINGS TO MATCH ADJACENT PAVING MATERIALS.
 7. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS.
 8. FILTER DRAINS TO BE LOCATED AT THE LOWEST ELEVATION IN BACK GARDENS WHERE POSSIBLE.
- FOUL WATER:
1. DRAIN CONNECTIONS FROM BUILDINGS TO BE MINIMUM 100MM Ø U/L Ø @ 1:50.
 2. MANHOLES, AIS AND SERVICE COVERS LOCATED IN BLOCK PAVED OR PAVING SLAB AREAS ARE TO HAVE RECESSED COVERS TO RECEIVE PAVINGS TO MATCH ADJACENT PAVING MATERIALS.
 4. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH TII SPECIFICATION FOR ROADWORKS.
 5. RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS.
 6. IRISH WATER CONNECTION AND DEVELOPER SERVICES "WASTEWATER INFRASTRUCTURE STANDARD DETAILS".
 7. IRISH WATER CONNECTION APPLICATION.
 8. ALL FOUL SERVICES DESIGNED IN COMPLIANCE WITH IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE.
 9. REFER TO ARCHITECT'S LAYOUT FOR PRIVATE FOUL DRAINAGE FROM UNITS.
- WATERMAIN CONNECTION:
1. REFER TO SECTION 3.5.21 OF THE IRISH WATER CODE OF PRACTICE IN RELATION TO PIPE MATERIALS.
 2. SERVICE CONNECTION TO BE PIPE (TYPE PE100-SDR17) OR MDPE (TYPE PE80-SDR11) SPECIFICATION SHOULD BE IN ACCORDANCE WITH SECTION 3.9 IRISH WATER CODE OF PRACTICE.
 3. HYDRANT OUTLET TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE.
 4. COVER TO WATERMAIN TO BE 900mm.
 5. WATERMANS TO BE 3m MIN. FROM BUILDINGS WHERE APPLICABLE UNLESS NOTED OTHERWISE.
 6. HYDRANTS TO BE 6m MIN. & 46m MAXIMUM FROM BUILDINGS.
 7. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH TII SPECIFICATION FOR ROADWORKS.
 8. RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS.
 9. IRISH WATER CONNECTION AND DEVELOPER SERVICES "WATER INFRASTRUCTURE STANDARD DETAILS".
 10. IRISH WATER CONNECTION APPLICATION.
 11. WATERMAIN MATERIALS TO BE IN ACCORDANCE WITH LOCAL AUTHORITY "GUIDELINES FOR DRINKING WATER SUPPLY".
 12. PIPE MATERIAL SUBJECT TO APPROVAL PRIOR TO INSTALLATION.
 13. ALL WATERMAIN SERVICES DESIGNED IN COMPLIANCE WITH IRISH WATER STANDARDS.
 14. ALL SERVICE CONNECTIONS TO BE CARRIED OUT TO IRISH WATER STANDARD DETAILS DRAWING NO. STD-W-03.
 15. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE.

ON ORIGINAL

LEGEND:

- SITE BOUNDARY
- BUILDING
- FINISHED FLOOR LEVEL (FFL.99.99)
- ROAD EDGE
- ROAD CENTRELINE
- PARKING SPACE
- PERMEABLE PAVING AREA

PROPOSED:

- SS CL 100.00 IL 99.00 SURFACE WATER MANHOLE
- RWP RAINWATER PIPE
- SWIC SURFACE WATER INSPECTION CHAMBER
- 150 Ø SURFACE WATER SEWER
- 150 Ø 1:150 SURFACE WATER FILTER DRAIN
- F9 CL 100.00 IL 99.99 FOUL WATER MANHOLE
- IC FOUL INSPECTION CHAMBER
- 150 Ø 1:150 FOUL WATER SEWER
- H HYDRANT
- BOUNDARY BOX

EXISTING:

- MH99 (A) CL 100.00 IL 99.00 SURFACE WATER DRAIN MANHOLE
- 100Ø STORM SURFACE WATER DRAIN
- MH99 CL 100.00 IL 99.00 FOUL WATER DRAIN MANHOLE
- 225Ø FOUL EXISTING FOUL SEWER
- Ø EX. WATERMAIN WATERMAIN

ORDNANCE SURVEY IRELAND LICENCE
No EN 0017921
© ORDNANCE SURVEY IRELAND
GOVERNMENT OF IRELAND

P01	30.04.21	ISSUED FOR PLANNING	RSP	LML
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		
client approval				
suitability		issue purpose		
S2 - INFORMATION		FOR PLANNING		
DBFL Consulting Engineers Civil, Structural & Transportation Engineering www.dbfl.ie				
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project ref.				
RESIDENTIAL DEVELOPMENT AT ROEBUCK ROAD, CLONSKEAGH				
drawing title				
COMBINED SERVICES LAYOUT PLAN				
Client				
DUN LAOGHAIRE-RATHDOWN COUNTY COUNCIL				
designed by	author	scale	sheet size	
RSP	RSP	1:100	A1	
drawing no.			revision	
210013-DBFL-CS-SP-DR-C-1001			P01	