QUALITY
I.S. EN ISO 9001:2008
NSAI Certified

NOTES

1. DO NOT SCALE, USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND ALL RELEVANT ARCHITECTS AND SERVICES ENGINEERS DRAWINGS.
3. DRAWINGS SHALL BE CHECKED BY CONTRACTOR AND ANY DISCREPANCIES (DIMENSIONS) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE WORK IS COMMENCED. PIPE FALLS TO BE AS SPECIFIED. ILS AND CLS SUBJECT TO SITE REVIEW.
4. TEMPORARY PROPPING TO BE THE RESPONSIBILITY OF THE MAIN CONTRACTOR.
5. TO BE READ IN CONJUNCTION WITH DRAWINGS:- R1831 - PHASE FOUL & SURFACE WATER LAYOUT
6. ALL REDUNDANT SERVICES (PIPES, MANHOLES, CHAMBERS, GULLIES ETC.) TO BE REMOVED.
7. ALL EXISTING MANHOLE COVERS & ROOFS TO BE ADJUSTED TO SUIT NEW GROUND LEVELS.
8. RECESSED MANHOLES TO BE USED IN ALL AREAS WITH PAVIORS.
9. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTS DRAWINGS AND SPECIFICATIONS.
10. ALL STORMWATER & FOUL SEWERS WITHIN 1200mm OF FINISHED GROUND LEVEL TO BE ENCASED IN MINIMUM 150mm 20N10 CONCRETE.
11. THE EXISTING SERVICES SHOWN ARE INDICATIVE BEFORE CONSTRUCTION WORK COMMENCES THE CONTRACTOR IS TO CAREFULLY LOCATE AND PROTECT ALL UNDERGROUND SERVICES IN AREAS OF PROPOSED WORKS, AS PER SERVICE PROVIDER'S GUIDANCE AND SPECIFICATION.
13. PETROL INTERCEPTOR: ALL SOAKWAYS AND ATTENUATION TANKS TO BE FITTED WITH A CLASS 2 BYPASS SEPARATOR UPSTREAM PRIOR TO DISCHARGE.
14. INDIVIDUAL WASTEWATER SERVICE CONNECTIONS TO BE PROVIDED TO EACH PROPERTY BOUNDARY IN ACCORDANCE WITH IRISH WATER DETAILS STD-WW-03 AND STD-WW13. LOCATIONS TO BE CONFIRMED WITH THE EMPLOYER'S REPRESENTATIVE ON SITE.
15. ALL WORKS TO BE IN COMPLIANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
16. UNPLASTICISED PVC PIPES AND FITTINGS SHALL COMPLY WITH THE PROVISIONS IS EN 1401 2009/2012. PIPES TO BE APPLICATION AREA CODE "UD", STIFFNESS CLASS 8 kN/m^2. PROVISION FOR JETTING SHALL BE BASED ON THE WRC SEWER JETTING CODE OF PRACTICE, JUNE 1997. PIPES TO BE CAPABLE OF RESISTING A MAXIMUM JETTING PUMP PRESSURE OF 2,600 PSI (180 BAR) WITHOUT DAMAGE.
17. CONCRETE SEWER PIPES WITH SPIGOT AND SOCKET JOINTS AND RUBBER RING FITTINGS SHALL COMPLY WITH IS EN 1916 (2002), BS 5911, PART 1 (2002-2010) AND IS 6 (2004) OR EQUIVALENT STANDARD, STRENGTH CLASS 120 WITH MINIMUM CRUSHING LOADS IN ACCORDANCE WITH TABLE 8 OF BS 5911-1 (2002-2010). ALL PIPES AND FITTINGS SHALL HAVE GASKET TYPE JOINTS OF SPIGOT AND SOCKET OR REBATED FORM

LEGEND

NEW CONCRETE SURFACE WATER PIPE, DIAMETER INDICATED	
NEW SURFACE WATER MANHOLE	SW MH
NEW SPLITTER MANHOLE WITH 450 mm DEEP SUMP	
NEW SW ARMSTRONG JUNCTION	AJ
NEW ROAD GULLY	G
NEW RAIN WATER PIPE	RWP
NEW SILT TRAP	ST
NEW GULLEY CONNECTION SURFACE WATER PIPE, 300 mm Ø	
NEW PERMEABLE PAVER SURFACE	
PIPE LABELS	1.000, 1:200 (PIPE REFERENCE NO.), (PIPE SLOPE)

REV	DATE	DESCRIPTION	DWG BY	APP/ CHK
B	04/07/'19	RED LINE BOUNDARY REVISED	JC	CR
A	07/06/'19	LAYOUT REVISED TO ARCHITECTS DRG	JC	CR

CLIENT:
BALLYMOUNT PROPERTIES LTD.

ARCHITECT:
RKD ARCHITECTS
59 NORTHUMBERLAND ROAD
DUBLIN 4

GARLAND
DUBLIN T: +353 1 4964322 LIMERICK T: +353 61 319708 WATERFORD T: +353 51 876511 INTERNATIONAL T: +353 61 319708
E: info@garlandconsultancy.com W: www.garlandconsultancy.com

PROJECT:
RESIDENTIAL AND NEIGHBOURHOOD CENTRE DEVELOPMENT (PHASE 1) AT FORMER MAGEE BARRACKS

TITLE:
PHASE 1
SURFACE WATER LAYOUT
HOUSING

STATUS:
PLANNING APPLICATION

DRAWN:	JC	DES. BY:	BM
CHK. BY:	BM	APP. BY:	CR
DATE:	17/04/'19	JOB No.	R1831
A0 SCALE:	1:500 @ A0		
DRG. No.	1002	REV.	B