

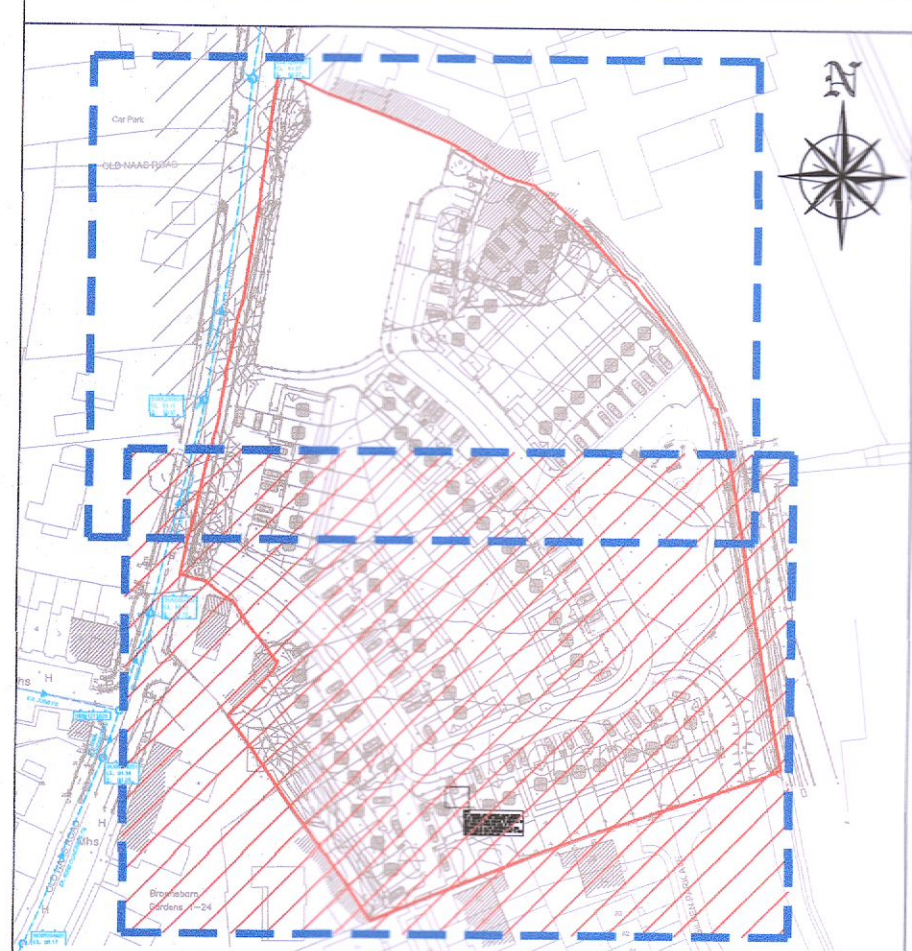
- NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS.
 - ALL LEVELS ARE IN METRES O.D. MALIN HEAD.
 - THE POSITION AND LEVELS OF EXISTING SERVICES INsofar AS THEY ARE KNOWN AND AS SHOWN ON THE DRAWINGS MAY NOT BE ACCURATE AND MERELY INDICATE THEIR PRESENCE IN THE WORKING AREA. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING SERVICES ON SITE.
 - THE SURVEY INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM A TOPOGRAPHICAL SURVEY UNDERTAKEN BY MURPHY GEOSPATIAL IN MAY 2021, DRAWING REFERENCE: MURPHY1890_1_TM_Rev2.
 - FOR DETAILS OF LONGITUDINAL SECTIONS REFER TO DRG. No. G104-CSC-ZZ-XX-DR-C-0010.
 - FOR DETAILS OF MANHOLES REFER TO DRG. No. G104-CSC-ZZ-XX-DR-C-0014 - G104-CSC-ZZ-XX-DR-C-0016.
 - FOR DETAILS OF BEDDING REFER TO DRG. No. G104-CSC-ZZ-XX-DR-C-0015.
 - FOR DETAILS OF BUILDING DRAINAGE CONNECTIONS REFER TO ARCHITECTS AND M+E DRAWINGS.
 - ALL PIPEWORK IS 150mm Ø UNLESS OTHERWISE NOTED.
 - WHERE EXCAVATIONS FOR DRAINAGE ENCOACH ON THE BEARING FOR FOUNDATIONS (I.E. PIPE IS BELOW FOUNDATION OR BELOW 45' LINE EXTENDING OUT AND DOWN FROM THE BOTTOM OF THE FOUNDATION), SUCH EXCAVATIONS SHALL BE BACKFILLED IN LEAN MIX CONCRETE TO FORMATION LEVEL OF FOUNDATIONS. NEW FOUNDATIONS WILL BE INSTALLED AT A DEPTH TO SUIT THE PROPOSED NEW DRAINAGE.
 - PIPE BEDDING AND BACKFILL SHALL BE AS PER DRAWING G104-CSC-ZZ-XX-DR-C-0015 WITH CLASS B BEDDING FOR FLEXIBLE PIPE (UPVC AND THERMOPLASTIC STRUCTURED WALL PIPE) AND CLASS B BEDDING FOR RIGID PIPE (CONCRETE). BACKFILLING OF TRENCHES ABOVE PIPE BED AND SURROUND SHALL BE CLASS B OR MATERIAL WHERE TRENCHES ARE BENEATH ROADS AND CONCRETE SURFACES. THE TRENCHES SHALL BE BACKFILLED WITH HARDWARE COMPLYING WITH THE REQUIREMENTS OF SR21 AND IS EN 13242.
 - SURFACE WATER SEWERS WITH A DIAMETER OF 150mm AND 225mm SHALL BE UPVC. ALL SURFACE WATER SEWERS WITH A DIAMETER OF 300mm AND GREATER SHALL BE CONCRETE. PIPES UNLESS NOTED OTHERWISE, REFER TO LONG SECTIONS FOR SPECIFIED PIPE MATERIAL.
 - WHERE AN UNDERGROUND PIPE IS BUILT INTO A STRUCTURE THERE SHALL BE TWO FLEXIBLE JOINTS ADJACENT TO THE STRUCTURE. THE FIRST SHALL BE NOT MORE THAN ONE PIPE DIAMETER FROM THE OUTSIDE FACE OF THE STRUCTURE. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) SHALL NOT EXCEED 750mm FOR PIPES UP TO 4500.
 - SETTING OUT OF ALL SWP'S AND RWP'S TO ARCHITECTS DETAILS.
 - DRAINAGE TO LANDSCAPED AND NON CARRIAGEWAY PAVED AREAS BY LANDSCAPE ARCHITECTS.
 - ALL MANHOLES TO BE SET OUT ON SITE AND CO-ORDINATED WITH PROPOSED AND EXISTING SERVICES PRIOR TO CONSTRUCTION.
 - COVER LEVEL TO BE CO-ORDINATED WITH PROPOSED LANDSCAPING LEVELS.
 - ALL MANHOLE COVERS IN TRAFFICKED AREAS TO BE A MINIMUM OF CLASS D400 SOLID TOP COVERS. RECESSED COVERS TO BE PROVIDED IN PAVED UNLANDSCAPED AREAS.

CONNECTION TO EXISTING PUBLIC NETWORK BY IRISH WATER CONTRACTOR

SLIT TRENCH TO BE DONE TO DETERMINE THE LEVELS OF EXISTING SERVICES PRIOR TO ANY COMMENCEMENT OF FOUL WORKS TO ENSURE DESIGN LEVELS CAN BE ACHIEVED. RESULTS TO BE REPORTED TO CIVIL ENGINEER

SO05284702
CL: 93.85
IL: 91.15

84701
.34
.25



KEY PLAN.
SCALE= 1:2000

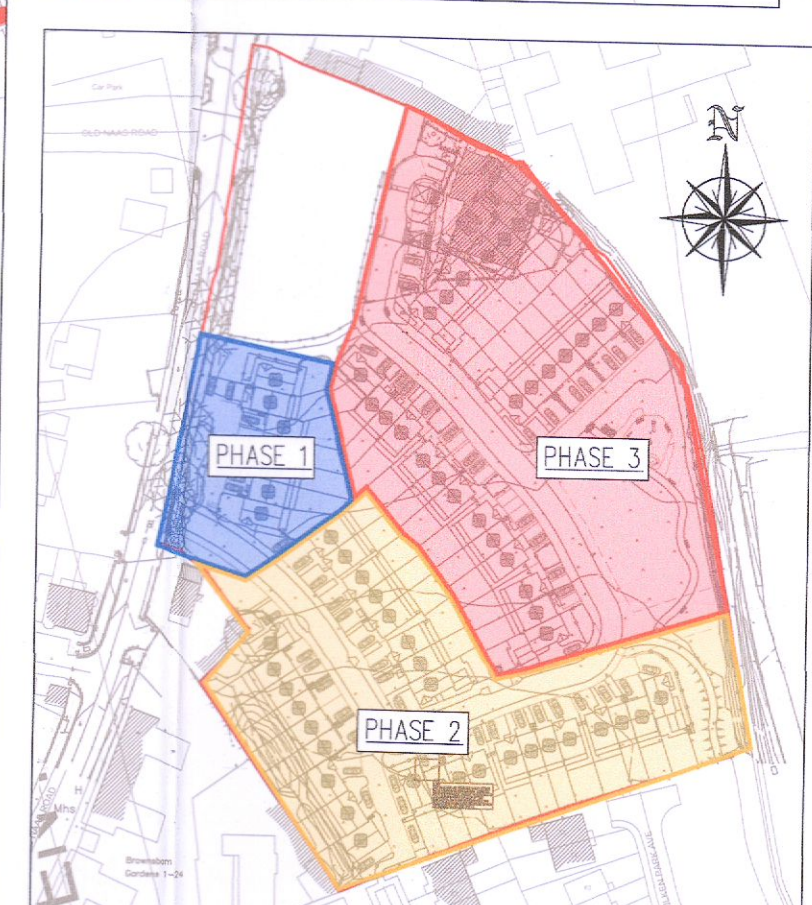
PROPOSED DRAINAGE
SCALE 1:250

NOTE:
RWP LOCATIONS AND PERMEABLE PAVING EXTENTS TO BE CO-ORDINATED WITH ARCHITECT. RAINWATER TO DOWN PIPE FROM EACH DWELLING TO DISCHARGE TO PERMEABLE PAVING SUB BASE OF THAT DWELLING VIA AN AJ AND DISPERSION PIPE. HIGH LEVEL OVERFLOW FROM PERMEABLE PAVING TO MAIN SW NETWORK VIA FIN DRAIN AND AJ

NOTE:
MANHOLES TO RECEIVE 150mm CONCRETE SURROUND.
CONTRACTOR TO CARRY OUT AIR TEST AND CCTV OF PRIVATE SIDE DRAINAGE AROUND HOUSE TO PROVE INTEGRITY BEFORE COMPLETION OF UNITS.

NOTE:
ALL INSPECTION CHAMBERS TO COMPLY WITH PART H OF THE BUILDING REGULATIONS. REFER TO BELOW FOR DEPTHS AND INSPECTION CHAMBER DIAMETER.
DEPTH TO INVERT < OR = 600mm ALLOW FOR 450mm DIAMETER CHAMBER.
DEPTH TO INVERT 600mm - 900mm ALLOW FOR 600mm DIAMETER CHAMBER.
DEPTH TO INVERT 900mm - 1200mm ALLOW FOR 900mm DIAMETER CHAMBER

PIPE MATERIALS
ALL FOUL SEWER PIPE MATERIALS SHALL BE PVC SBR OR IN COMPLIANCE WITH SECTION 3.13 OF THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER.
PROPOSED SW SEWERS UP TO 300mm Ø IN DIAMETER TO BE UPVC. ABOVE 300mm Ø IN DIAMETER TO BE CONCRETE IS EN 1916(2002).



PHASING PLAN FOR SUDS IMPLEMENTATION.
SCALE= 1:2000

COMPLIANCE
SD21A/0327

NOTES

- 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.
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Rev. No.	Date	REVISION NOTE	Dim. By	Chkd By
C1	16.08.2022	DRAFT COMPLIANCE ISSUE	SC	NB
C2	18.08.2022	ISSUED FOR COMPLIANCE	SC	NB
C3	08.09.2022	ISSUED FOR COMPLIANCE	SC	NB
C4	12.09.2022	ATTENUATION TANK SIZE UPDATED	SC	NB

Client	GREENWALK DEVELOPMENTS LTD
Project	PROPOSED RESIDENTIAL DEVELOPMENT AT GORDON PARK
Title	Proposed Drainage for Compliance Sheet 2 of 2
Dwg. No.	G104-CSC-ZZ-XX-DR-C-0023
Date	AUG 2022
Dim by	SC
Chkd by	FDB
Apprd by	NB
Scale	1:250 @ A1
Revision	C3

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Quality
Environment
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Health & Safety

IS EN ISO 9001:2008
IS EN ISO 14001:2004
IS EN ISO 50001:2011
OHSAS 18001:2007

G104