EX. MH CL 92.10 IL 90.22 EX. 225Ø SW EX. 225Ø SW EX. WM 101.6 uPVC TOTAL FW DAILY PEAK ----- NEW FW CONNECTION, IL 90.125 -DAILY AVERAGED PEAK AVERAGED DISCHARGE ON DISCHARGE = 2.92L/s PUBLIC NETWORK = 3.25 L/s EX. WM 101.6 uPVC EX. 225Ø FW EX. MH -- EX. CONNECTION. CL 92.22 DAILY AVERAGED PEAK IL 90.26 DISCHARGE = 0.33L/s FW MH EX. MH CL 92.00 IL 0.925 IL 90.22 - EX. MH, IL 0.710 TO CATER FOR AN INCREASED FW DISCHARGE. GULLY FOUL DISCHARGE FROM FIRST FLOOR BY M&E ENG. TO BE TIED INTO EX. CONNECTIONS ACCESS -JUNCTION GULLY CL 92.00 IL 90.47 ALL KITCHEN SINK BASINS TO HAVE A KGB-50 GREASE INTERCEPTOR OR SIMILAR APPROVED, BASED ON A 180L FULL VOLUME WITH A 1MIN DRAIN TIME. EX. SW GULLY JUNCTION CL 92.00 ALL INTERNAL WALL PENETRATIONS WITH IL 90.60 PIPESNUG SEAL OR SIMILAR APPROVED ALL EXTERNAL WALL PENETRATIONS WITH PIPESNUG SEAL OR SIMILAR APPROVED EX. SW EX. SW GULLY -COLLY GULLY - ACCESS - ACCESS -ALL NEW HARDSTANDING AREAS TO JUNCTION JUNCTION BE PERMEABLE PAVING OR TO DRAIN CL 92.00 CL 92.00 TO LANDSCAPING IL 90.76 IL 90.91 1.23x2.07x0.45m DP. SOAKAWAY MIN 3m

PROPOSED DRAINAGE INFRASTRUCTURE

1:200

INDICATIVE PERMEABLE PAVING BUILD UP

500mm TOP SOIL (LANDSCAPED AREAS)
LANDSCAPING TO BE SELF DRAINING

ACCORDING TO CIRIA C753 SUDS MANUAL

100YR RETURN PERIOD ALLOWED FOR

20% CLIMATE CHANGE INCLUDED

95% POROSITY ASSUMED

- COURSE SAND BED
AND SURROUND

PROPOSED SOAKAWAY ESS
ECOCELL OR SIMILAR

SUBJECT TO GROUND WATER LEVEL AND INFILTRATION RATE

CONSTRUCTION DETAILS BY SUPPLIER

• PERMEABLE SURFACE COURSE

PERMEABLE BINDER COURSE

BEDDING LAYER
 GEOTEXTILE

GEOTEXTILE

INDICATIVE PERMEABLE PAVING SECTION

TYPICAL SOAKAWAY SECTION

1:10

1000 INLET PIPE

1:20

BEDDING LAYERPREPARED FORMATION

ATTENUATION LAYER

Notes:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES,
OMISSIONS AND ERRORS ON DRAWINGS SHALL BE
BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.

3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

4. FOR GENERAL NOTES REFER TO DRAWING.

NOTE:

IRISH WATER GIVES THIS INFORMATION AS TO THE POSITION OF ITS

SHOULD NOT BE RELIED UPON IN THE EVENT OF EXCAVATIONS OR

THE EXACT LOCATION OF THE NETWORK IS IDENTIFIED PRIOR TO MECHANICAL WORKS BEING CARRIED OUT. SERVICE PIPES ARE NOT

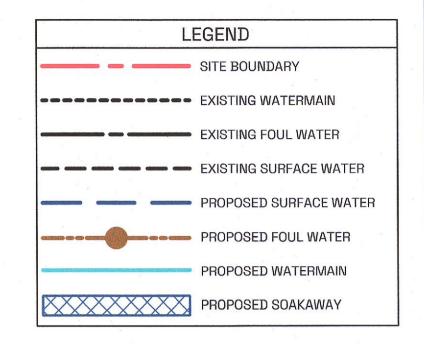
UNDERSTANDING THAT IT IS BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY EACH LOCAL AUTHORITY IN IRELAND. IT

UNDERGROUND NETWORK AS A GENERAL GUIDE ONLY ON THE STRICT

OTHER WORKS BEING CARRIED OUT IN THE VICINITY OF THE NETWORK.

THE ONUS IS ON THE PARTIES CARRYING OUT THE WORKS TO ENSURE

GENERALLY SHOWN BUT THEIR PRESENCE SHOULD BE ANTICIPATED.



PO1 ISSUED FOR PLANNING RPH 13.07.22

REV DESCRIPTION BY DATE

STATUS:

PLANNING



HOSTED KITCHENS
BROOMHILL PLANNING

PROPOSED DRAINAGE INFRASTRUCTURE

SCALE AT A1: DATE: DRAWN CHECKED

As indicated JULY 22 RPH EH

DRAWING REVISION

DRAWING REVISION: 22066-TNT-XX-FN-DR-C-92001 P01