

LEGEND

FLOW EXCEEDANCE ROUTE IN THE EVENT OF A 50% HYDROBRAKE BLOCKAGE. HYDROBRAKE FLOW RATE REDUCED TO 2.4l/s.....

EXISTING ROAD GULLY.....

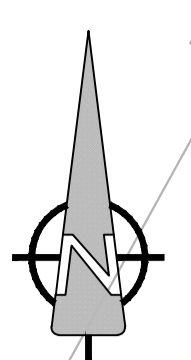
PROPOSED GULLY & CONNECTION TO SURFACE WATER MANHOLE.....

FLOW EXCEEDANCE ROUTE: OVERFLOW FROM SITE ONTO CARMNHALL ROAD IN THE CASE OF A HYDROBRAKE BLOCKAGE

LOWEST AREA ON SITE WILL FLOOD FIRST IN BLOCKAGE EVENT. 5m² RETAINED ON SITE WITHIN RAISED PEDESTRIAN CROSSING AND 100mm KERB TOP WATER LEVEL = 84.14m

PROPOSED RETAINING WALL (MAX RETAINING DEPTH: 2m)

HYDROBRAKE FLOW CONTROL- DISCHARGE LIMITED TO 4.9 l/s, AT A DESIGN HEAD OF 2.355m. REFER TO DRAWING NO. PR461030-ACM-XX-00-DR-CE-10-0504 FOR FURTHER DETAIL.



PROJECT

PROPOSED STRATEGIC HOUSING DEVELOPMENT AT CARMANHALL ROAD, SANDYFORD INDUSTRIAL ESTATE, DUBLIN 18

CLIENT

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- NOTES**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
 2. ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 3. AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
 4. DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 5. DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
 6. THE PROPOSED SURFACE WATER SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATION OF SECTION 3 OF "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS" (DEPARTMENT OF ENVIRONMENT & LOCAL GOVERNMENT 1998) AND IRISH WATER STANDARD DETAILS.
 7. THE LOCATION & DEPTH OF SERVICES TO BE CHECKED ON SITE PRIOR TO COMMENCING ANY WORKS.
 8. MANHOLE COVERS AND FRAMES IN PUBLICLY ACCESSIBLE AREAS SHALL BE HEAVY DUTY CAST IRON CLASS D400, DOUBLE SEALED AND LOCKABLE TYPE COMPLYING WITH BS EN 124:2015.
 9. GULLY GRATINGS & FRAMES SHALL COMPLY WITH BS EN 124:2015.
 10. EXISTING INVERT LEVELS TO BE VERIFIED ON SITE BEFORE COMMENCING CONSTRUCTION.
 11. SURFACE WATER & FOUL SEWER PIPES LESS THAN 1.2m BELOW THE ROAD SURFACE OR LESS THAN 0.9m IN NON-TRAFFICED FOOTPATHS AND LANDSCAPE AREAS (WITH AN ABSOLUTE MINIMUM DEPTH OF COVER ABOVE THE EXTERNAL CROWN OF THE PIPE Ø750mm) SHALL BE PROTECTED FROM DAMAGE BY PROVIDING MINIMUM 150mm THICK CONCRETE C16/20 HAUNCH IN ACCORDANCE WITH IS EN 12620.
 12. ATTENUATION PROPOSALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
 13. CCTV SURVEY TO BE CONDUCTED PRIOR TO COMMENCEMENT OF ANY WORKS TO DETERMINE THE CONDITION AND VERIFY LEVELS OF THE EXISTING FOUL AND SURFACE WATER PIPES/ MANHOLES. ANY SUB-STANDARD OR DEFECTIVE ELEMENTS OF THE EXISTING PIPES/MANHOLES TO BE REPORTED AND CORRECTED.
 14. ALL SURFACE WATER DRAINAGE DETAILS TO BE IN ACCORDANCE WITH THE GREATER DUBLIN STRATEGIC DRAINAGE STUDY AND THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
 15. ALL FOUL WATER DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.



ISSUE/REVISION

I/R	DATE	DESCRIPTION
1	18.03.2021	STAGE 3 PLANNING ISSUE
0	22.06.2020	STAGE 2 PRE - APP ISSUE

PROJECT NUMBER

60626107

SHEET TITLE

PROPOSED LEVELS LAYOUT & EXCEEDANCE ROUTE

SHEET NUMBER

PR461030-ACM-XX-00-DR-CE-10-0601

A PROPOSED LEVELS LAYOUT & EXCEEDANCE ROUTE

0601 Scale: 1:250

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