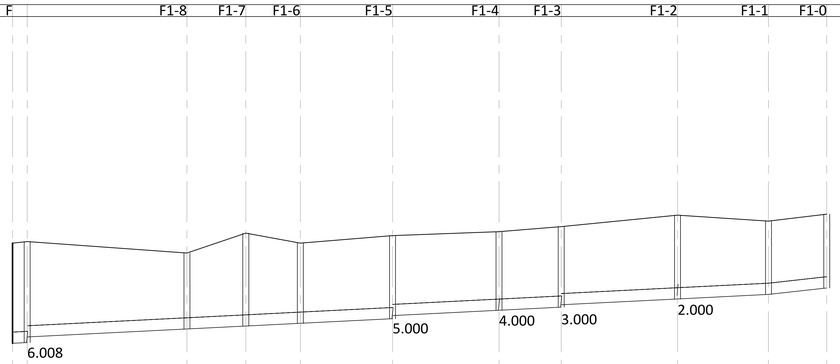
Project Management Initials: Designer: CM Checked: AP Approved: EMCK ISO A0 841mm x 1189mm

MH Name	F	F1-8	F1-7	F1-6	F1-5	F1-4	F1-3	F1-2	F1-1	F1-0
PN		F1.008		F1.007	F1.006	F1.005	F1.004	F1.003	F1.002	F1.001	F1.000
Dia (mm)		225		225	225	225	225	225	225	225	225
Slope (1:X)		200.0		200.0	200.0	200.0	200.0	200.0	200.0	200.0	90.0
Cover Level (m)	6.000	6.030	5.800	6.200	6.000	6.150	6.230	6.330	6.560	6.440	6.580
Invert Level (m)	4.089	4.116	4.277	4.277	4.336	4.390	4.483	4.545	4.652	4.714	4.762	4.879	4.879	4.970	4.970	5.100
Length (m)		32.056		11.809	10.946	18.492	21.369	12.477	23.339	18.252	11.688



Hor Scale 1000
Ver Scale 100

Datum (m) 0.000

MH Name	F1-2	F2-0
PN	F2.000	
Dia (mm)	225	
Slope (1:X)	90.0	
Cover Level (m)	6.560	6.600
Invert Level (m)	4.950	5.000
Length (m)	4.460	

Hor Scale 1000
Ver Scale 100

Datum (m) 0.000

MH Name	F1-3	F3-0
PN	F3.000	
Dia (mm)	225	
Slope (1:X)	100.0	
Cover Level (m)	6.330	6.300
Invert Level (m)	4.714	4.760
Length (m)	4.575	

Hor Scale 1000
Ver Scale 100

Datum (m) 0.000

MH Name	F1-4	F4-0
PN	F4.000	
Dia (mm)	225	
Slope (1:X)	90.0	
Cover Level (m)	6.230	6.230
Invert Level (m)	4.659	4.700
Length (m)	3.706	

Hor Scale 1000
Ver Scale 100

Datum (m) 0.000

MH Name	F1-5	F5-0
PN	F5.000	
Dia (mm)	225	
Slope (1:X)	90.0	
Cover Level (m)	6.150	6.150
Invert Level (m)	4.483	4.530
Length (m)	4.250	

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AECOM

PROJECT

CÚIRT NA COIRIBE STUDENT RESIDENTIAL DEVELOPMENT, GALWAY.

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 5 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 IS EN 124 AND BS 7903, GRADE A TYPE AS SPECIFIED IN BSEN124:2015 AND CLASS D400.
9. GULLY GRATINGS & FRAMES SHALL COMPLY WITH BSEN124:2015.
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-TRAFFICKED 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 DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL.
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 FOUL WATER DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.

AECOM
PLANNING

ISSUE/REVISION

I/R	DATE	DESCRIPTION
2	12.03.2020	ISSUED FOR APPROVAL
1	09.12.2019	ISSUED FOR INFORMATION
0	26.11.2019	ISSUED FOR INFORMATION

PROJECT NUMBER

60588866

SHEET TITLE

PROPOSED WASTEWATER DRAINAGE - LONG SECTIONS SHEET 1 OF 3

SHEET NUMBER

PR354607-ACM-00-XX-DR-CE-10-0502

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