

LEGEND	
	PHASE 1 PLANNING APPLICATION BOUNDARY
	GCC OWNED LANDS
	FW EXISTING FW PIPE FROM RECORDS
	SW EXISTING SW PIPE FROM RECORDS
	ExG EXISTING SW GULLY
	PROPOSED SW PIPE & MH
	PROPOSED SW PIPE & INSPECTION CHAMBER
	PROPOSED SW PIPE & MH DIVERSION
	PROPOSED GREEN ROOF
	PROPOSED RAIN GARDEN
	PROPOSED SW ATTENUATION
	PROPOSED SW GULLY
	PROPOSED FW PIPE & MH
	PROPOSED FW RISING MAIN
	PROPOSED FW ATTENUATION
	WWPS PROPOSED PUMPING STATION

SW NETWORK 1										
PN	USMH	DSMH	Length (m)	Fall (m)	Slope (1:X)	USCL (m)	DSCL (m)	USIL (m)	DSIL (m)	Dia (mm)
S1 1.000	S1 1-0	S1 1-1	24.373	0.122	200.0	5.071	5.027	4.300	4.178	300
S1 1.001	S1 1-1	S1 1-2	23.988	0.120	199.9	5.027	5.000	4.178	4.058	300
S1 1.002	S1 1-2	S1 1-3	18.773	0.125	150.0	5.000	5.000	4.058	3.933	300
S1 1.003	S1 1-3	S1 TANK	4.863	0.032	152.0	5.000	5.004	3.933	3.901	300
S1 2.000	S1 2-0	S1 2-1	18.293	0.122	150.0	5.000	5.306	3.700	3.578	225
S1 2.001	S1 2-1	S1 TANK	10.065	0.067	150.0	5.306	5.209	3.578	3.511	225
S1 1.005	S1 TANK	S1 1-6	1.300	0.009	144.4	5.186	5.108	3.375	3.366	225
S1 1.006	S1 1-6	S1 Ex MH	6.782	0.045	150.0	5.108	5.067	3.337	3.292	225

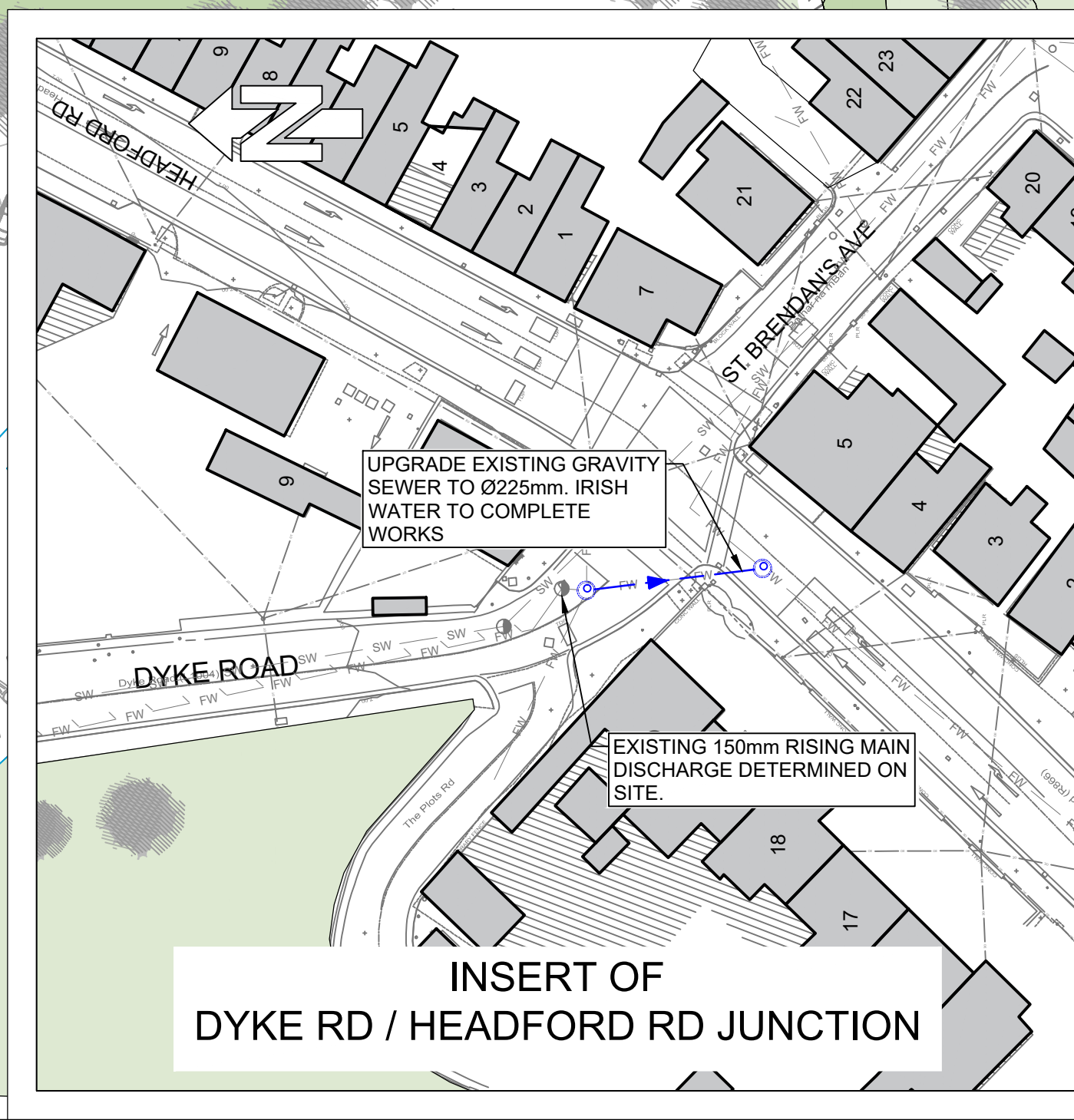
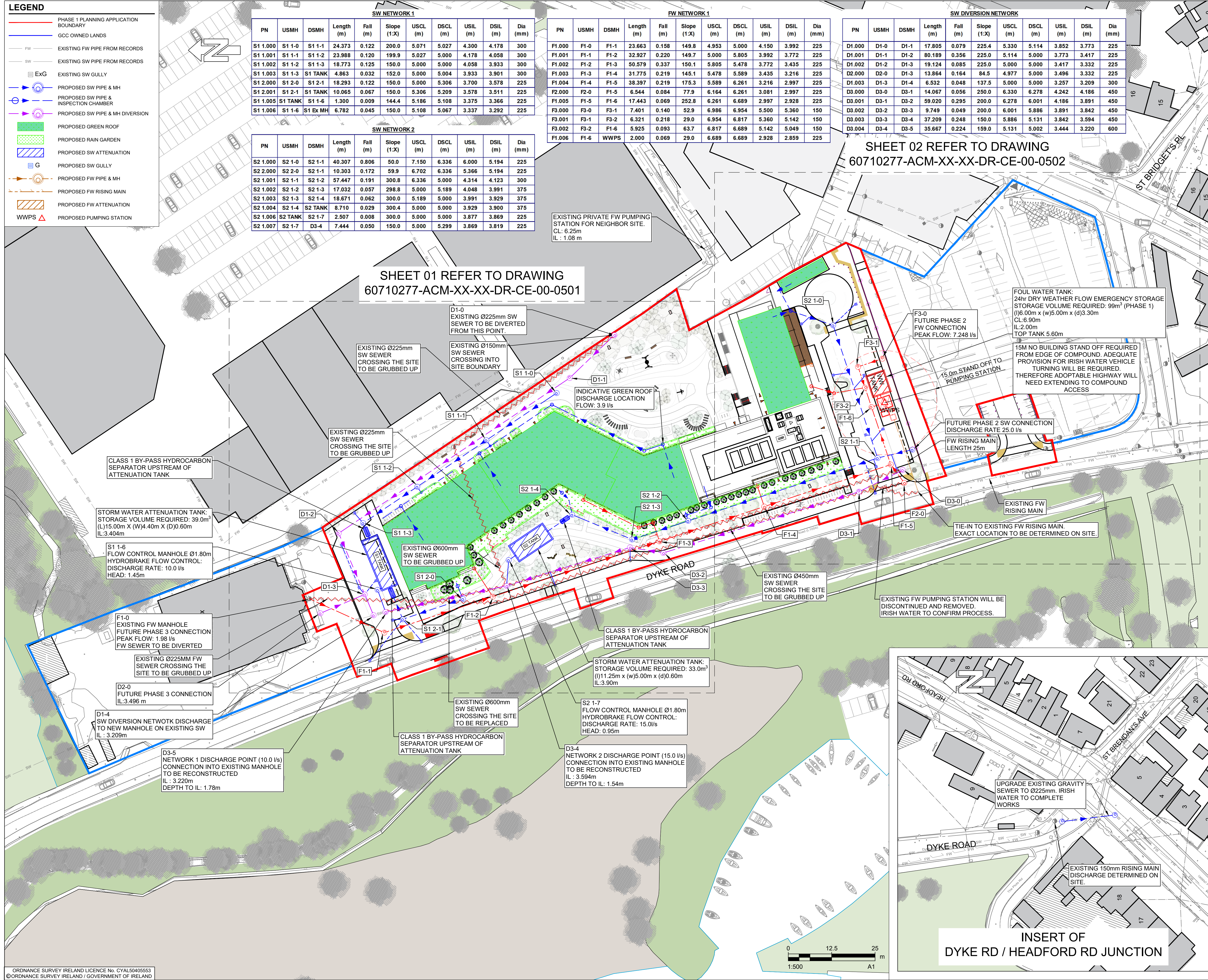
PN	USMH	DSMH	Length (m)	Fall (m)	Slope (1:X)	USCL (m)	DSCL (m)	USIL (m)	DSIL (m)	Dia (mm)
S2 1.000	S2 1-0	S2 1-1	40.307	0.806	50.0	7.150	6.336	6.000	5.194	225
S2 2.000	S2 2-0	S2 1-1	10.303	0.172	59.9	6.702	6.336	5.366	5.194	225
S2 1.001	S2 1-1	S2 1-2	57.447	0.191	300.8	6.336	5.000	4.314	4.123	300
S2 1.002	S2 1-2	S2 1-3	17.032	0.057	298.8	5.000	5.189	4.048	3.991	375
S2 1.003	S2 1-3	S2 1-4	18.671	0.062	300.0	5.189	5.000	3.991	3.929	375
S2 1.004	S2 1-4	S2 TANK	8.710	0.029	300.4	5.000	5.000	3.929	3.900	375
S2 1.006	S2 TANK	S2 1-7	2.507	0.008	300.0	5.000	5.000	3.877	3.869	225
S2 1.007	S2 1-7	D3-4	7.444	0.050	150.0	5.000	5.299	3.869	3.819	225

FW NETWORK 1										
PN	USMH	DSMH	Length (m)	Fall (m)	Slope (1:X)	USCL (m)	DSCL (m)	USIL (m)	DSIL (m)	Dia (mm)
F1.000	F1-0	F1-1	23.663	0.158	149.8	4.953	5.000	4.150	3.992	225
F1.001	F1-1	F1-2	32.927	0.220	149.7	5.000	5.805	3.992	3.772	225
F1.002	F1-2	F1-3	50.579	0.337	150.1	5.805	5.478	3.772	3.435	225
F1.003	F1-3	F1-4	31.775	0.219	145.1	5.478	5.589	3.435	3.216	225
F1.004	F1-4	F1-5	38.397	0.219	175.3	5.589	6.261	3.216	2.997	225
F2.000	F2-0	F1-5	6.544	0.084	77.9	6.164	6.261	3.081	2.997	225
F1.005	F1-5	F1-6	17.443	0.069	252.8	6.261	6.689	2.997	2.928	225
F3.000	F3-0	F3-1	7.401	0.140	52.9	6.986	6.954	5.500	5.360	150
F3.001	F3-1	F3-2	6.321	0.218	29.0	6.954	6.817	5.360	5.142	150
F3.002	F3-2	F1-6	5.925	0.093	63.7	6.817	6.689	5.142	5.049	150
F1.006	F1-6	WWPS	2.000	0.069	29.0	6.689	6.689	2.928	2.859	225

SW DIVERSION NETWORK										
PN	USMH	DSMH	Length (m)	Fall (m)	Slope (1:X)	USCL (m)	DSCL (m)	USIL (m)	DSIL (m)	Dia (mm)
D1.000	D1-0	D1-1	17.805	0.079	225.4	5.330	5.114	3.852	3.773	225
D1.001	D1-1	D1-2	80.189	0.356	225.0	5.114	5.000	3.773	3.417	225
D1.002	D1-2	D1-3	19.124	0.085	225.0	5.000	5.000	3.417	3.332	225
D2.000	D2-0	D1-3	13.864	0.164	84.5	4.977	5.000	3.496	3.332	225
D1.003	D1-3	D1-4	6.532	0.048	137.5	5.000	5.000	3.257	3.209	300
D3.000	D3-0	D3-1	14.067	0.056	250.0	6.330	6.278	4.242	4.186	450
D3.001	D3-1	D3-2	59.020	0.295	200.0	6.278	6.001	4.186	3.891	450
D3.002	D3-2	D3-3	9.749	0.049	200.0	6.001	5.886	3.891	3.842	450
D3.003	D3-3	D3-4	37.209	0.248	150.0	5.886	5.131	3.842	3.594	450
D3.004	D3-4	D3-5	35.667	0.224	159.0	5.131	5.002	3.444	3.220	600

SHEET 02 REFER TO DRAWING
60710277-ACM-XX-XX-DR-CE-00-0502

SHEET 01 REFER TO DRAWING
60710277-ACM-XX-XX-DR-CE-00-0501



INSERT OF
DYKE RD / HEADFORD RD JUNCTION

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PROJECT
Phase 1
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- NOTES
- 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.
 - ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
 - DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
 - DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
 - RIGID INCLUSION GROUND IMPROVEMENT TECHNIQUES TO BE EMPLOYED PRIOR TO THE CONSTRUCTION OF ANY ROADS OR BELOW GROUND SERVICES. REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR DETAILS.
 - THE LOCATION & DEPTH OF SERVICES TO BE CHECKED ON SITE PRIOR TO COMMENCING ANY WORKS.
 - 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 124-2:2015.
 - GULLY GRATINGS & FRAMES SHALL COMPLY WITH BS EN 124-2:2015.
 - EXISTING INVERT LEVELS TO BE VERIFIED ON SITE BEFORE COMMENCING CONSTRUCTION.
 - 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.
 - 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.
 - ALL SURFACE WATER DRAINAGE DETAILS TO BE IN ACCORDANCE WITH TII SPECIFICATIONS FOR ROAD WORKS.
 - ALL FOUL DRAINAGE TO BE IN ACCORDANCE WITH THE IRISH WATER STANDARD DETAILS AND CODES OF PRACTICE.
 - CONNECTIONS TO THE EXISTING DRAINAGE NETWORK REQUIRE APPROVAL FROM IRISH WATER & GALWAY CITY COUNCIL.
 - REFER TO ARCHITECT DRAWINGS FOR ARCHITECTURAL DETAILS.
 - REFER TO LANDSCAPE ARCHITECT DRAWINGS FOR LANDSCAPING DETAILS.



PURPOSE		
P3 PLANNING		
ISSUE/REVISION		
01	26.02.2025	FOR PLANNING
IR	DATE	DESCRIPTION

PROJECT NUMBER
60710277
SHEET TITLE
PROPOSED DRAINAGE
KEYPLAN
SHEET NUMBER
60710277-ACM-XX-XX-DR-CE-10-0500