

- NOTES:
- TO BE READ IN CONJUNCTION WITH ALL RELEVANT KENNEDY REDFORD DRAWINGS.
 - EXISTING SEWER LOCATIONS AND LEVELS TO BE CONFIRMED BY CONTRACTOR ON SITE, PRIOR TO WORK COMMENCING.
 - PRIVATE DRAINS TO BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS.
 - NO CONNECTION TO BE MADE TO THE PUBLIC SEWER UNTIL APPROVAL HAS BEEN RECEIVED FROM THE RELEVANT AUTHORITY.
 - ALL INSPECTION CHAMBER SIZES ARE 475Ø UNLESS INDICATED OTHERWISE.
 - UNLESS INDICATED OTHERWISE ALL PIPES TO BE LAID SOFFIT TO SOFFIT.
 - WHERE PROPOSED DRAINS ARE IN PROXIMITY TO PROPOSED FOUNDATIONS, THE FOUNDATIONS SHALL BE TAKEN DEEPER TO BELOW THE DRAINS OR THE DRAIN SHOULD BE PROTECTED WITH A FULL CONCRETE SURROUND.
 - PROPOSED PIPEWORK WITH LESS THAN THE FOLLOWING DEPTHS TO SOFFIT REQUIRES A CONCRETE SURROUND:
 - 1.2m IN ROADS
 - 0.6m UNDER FOOTPATHS AND UNDER BUILDINGS.
 - ALL PRIVATE SURFACE WATER PIPES TO BE MIN 150mmØ LAID AT A MAX 1:80 GRADIENT U.N.O.
 - ALL UNDERSLAB FOUL PIPES TO BE 100mmØ LAID AT A MAX 1:40 GRADIENT U.N.O. OTHER FOUL PIPES TO BE 100mmØ LAID AT A MAX 1:80 GRADIENT U.N.O.
 - PROPOSED DRAINAGE IS SUBJECT TO CONFIRMATION (BY CONTRACTOR) OF LEVELS OF EXISTING DRAINAGE AT PROPOSED CONNECTION POINTS.
 - CONTRACTOR TO ARRANGE ALL SEWERS AND DRAINS TO BE FLUSHED OUT BEFORE FINAL CCTV SURVEY IS CARRIED OUT ON COMPLETION OF WORKS.
 - CONTRACTOR TO APPLY FOR SEWER PERMITS AND ROAD OPENING PERMITS AS NECESSARY FROM THE APPROPRIATE AUTHORITIES, PRIOR TO COMMENCING WORKS.
 - THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS AND CONSTRUCTION PROCEDURES.

FOUL WATER												
Manhole Name	Cover Level (m)	MH Depth (m)	Manhole Diam.,L*W (mm)	Pipe Out PN	Pipe Out Invert Level (m)	Pipe Out Diameter (mm)	Pipes In PN	Pipes In Invert Level (m)	Pipes In Diameter (mm)	Pipes In Backdrop (mm)	Manhole Easting (m)	Manhole Northing (m)
FW01	51.367	1.017	1200	1.000	50.350	100					385164.332	398918.861
FW02	51.361	1.267	1200	1.001	50.094	100	1.000	50.094	100		385177.577	398926.638
FW03	51.299	1.352	1200	1.002	49.947	100	1.001	49.947	100		385185.030	398921.954
FW04	51.321	1.708	1200	1.003	49.613	100	1.002	49.613	100		385195.420	398904.776
FW05	51.374	1.924	1200	1.004	49.450	100	1.003	49.450	100		385195.992	398894.197
FW06	51.383	2.231	1200	1.005	49.153	100	1.004	49.153	100		385179.350	398884.381
FW07	51.379	2.501	1200	1.006	48.878	100	1.005	48.878	100		385160.650	398873.351
CW01	50.970	2.285	1500		OUTFALL		1.006	48.685	100		385152.735	398860.334

SURFACE WATER													
Manhole Name	Cover Level (m)	MH Depth (m)	Manhole Connection	Manhole Diam.,L* W (mm)	Pipe Out PN	Pipe Out Invert Level (m)	Pipe Out Diameter (mm)	Pipes In PN	Pipes In Invert Level (m)	Pipes In Diameter (mm)	Pipes In Backdrop (mm)	Manhole Easting (m)	Manhole Northing (m)
SW01	51.341	1.661	Open Manhole	1200	1.000	49.680	300					385152.275	398912.937
SW02	51.333	1.854	Open Manhole	1200	1.001	49.479	300	1.000	49.479	300		385178.345	398928.149
SW03	51.274	1.852	Open Manhole	1200	1.002	49.422	300	1.001	49.422	300		385185.671	398923.682
SWPI	51.269	2.111	Open Manhole	1200	1.003	49.158	300	1.002	49.258	300		385198.613	398902.752
SW04	51.317	2.191	Open Manhole	1200	1.004	49.126	300	1.003	49.126	300		385201.120	398898.698
SW05	50.980	2.051	Open Manhole	1200	1.005	48.930	300	1.004	48.930	300		385205.244	398892.010
SWFD1	50.870	0.600	Open Manhole	600	2.000	50.270	150					385194.118	398885.778
SWFD2	50.823	0.692	Open Manhole	600	2.001	50.131	150	2.000	50.131	150		385182.090	398878.715
TANK	50.930	2.053	Junction		1.006	48.877	300	1.005	48.877	300		385182.623	398877.780
								2.001	50.120	150	1093		
SWFD3	51.005	0.605	Open Manhole	600	3.000	50.400	150					385174.573	398875.976
SWFD4	50.935	0.625	Open Manhole	600	3.001	50.310	150	3.000	50.310	150		385167.518	398870.439
SW06	51.345	1.425	Open Manhole	1200	4.000	49.920	225					385135.109	398901.925
SW07	51.248	1.361	Open Manhole	1200	4.001	49.887	225	4.000	49.887	225		385130.819	398899.326
SW08	51.235	1.514	Open Manhole	1200	4.002	49.720	225	4.001	49.720	225		385143.377	398877.790
SW09	51.009	1.399	Open Manhole	1200	4.003	49.610	225	4.002	49.610	225		385151.735	398863.464
SW10	50.936	1.420	Open Manhole	600	4.004	49.516	225	4.003	49.516	225		385164.216	398869.851
SWHB	50.976	2.139	Open Manhole	1900	1.007	48.837	300	1.006	48.837	300		385165.559	398867.047
								3.001	50.271	150	1284		
								4.004	49.496	225			
CW01	50.991	2.403	Open Manhole	1800	1.008	48.589	300	1.007	48.589	300		385152.766	398860.254
SEWER	50.750	2.310	Open Manhole	--		OUTFALL		1.008	48.440	300		385147.356	398853.446

P01	14.03.23	PRELIMINARY ISSUE	M.M	R.B	P.V
REV	DATE	DESCRIPTION	DRN	CHK	APR
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 Kennedy Redford MANAGING VISION					
CLIENT					
BOWMER & KIRKLAND					
PROJECT NAME					
ANCOATS MOBILITY HUB					
DRAWING TITLE					
SURFACE WATER AND FOUL WATER MANHOLE SCHEDULE					
DATE	SCALE	SHEET SIZE	REV		
14.03.23	N.T.S.	A1	P01		
DRAWING STATUS					
S2 - ISSUED FOR INFORMATION					
DRAWING NUMBER					
45306 - KRD - XX - EX - DR - C - 9003					