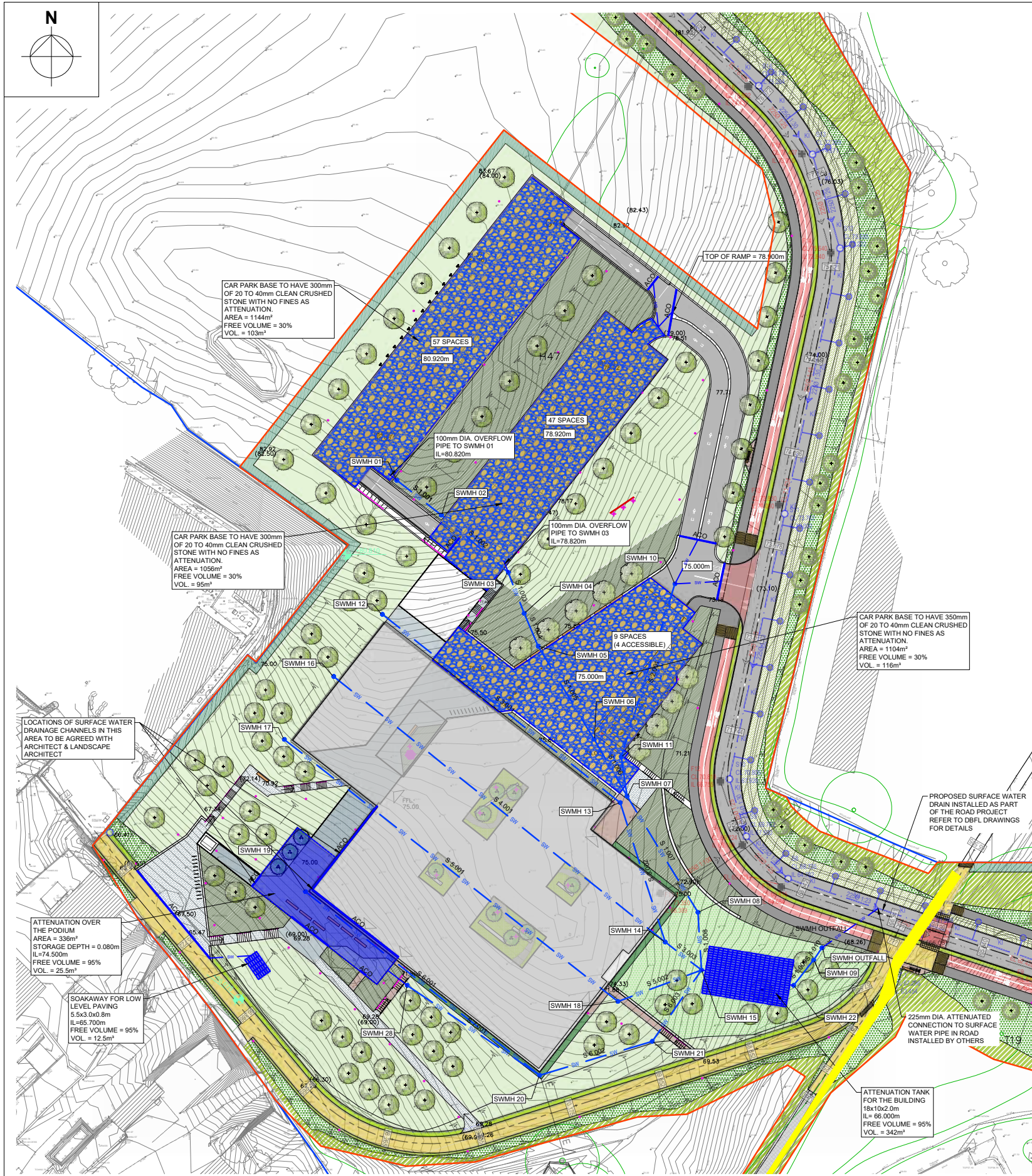




PROPOSED SURFACE WATER MANHOLE SCHEDULE			
MANHOLE REF.	MANHOLE DETAILS	EASTING (m)	NORTHING (m)
SWMH 01	CL = 80.878 IL = 80.420 S 1.001 : IL = 80.420	667428.764	833896.801
SWMH 02	CL = 79.157 IL = 78.420 S 1.001 : IL = 78.532 S 1.002 : IL = 78.420	667438.147	833879.447
SWMH 03	CL = 78.854 IL = 76.530 S 1.002 : IL = 76.327 S 1.003 : IL = 76.530	667452.257	833867.375
SWMH 04	CL = 77.350 IL = 75.000 S 1.004 : IL = 75.000	667455.625	833858.736
SWMH 05	CL = 75.673 IL = 74.500 S 1.004 : IL = 74.962 S 1.005 : IL = 74.500	667458.582	833851.800
SWMH 06	CL = 75.000 IL = 73.610 S 1.005 : IL = 74.385 S 1.006 : IL = 73.610	667470.399	833832.144
SWMH 07	CL = 75.000 IL = 71.779 S 1.006 : IL = 73.541 S 2.002 : IL = 73.646 S 1.007 : IL = 71.779	667477.353	833820.135
SWMH 08	CL = 72.332 IL = 68.208 S 1.007 : IL = 71.477 S 1.008 : IL = 68.208	667492.288	833795.653
SWMH 09	CL = 68.845 IL = 65.986 S 1.009 : IL = 65.986 S 1.010 : IL = 65.986	667516.696	833785.580
SWMH 10	CL = 75.000 IL = 74.400 S 2.001 : IL = 74.400	667487.433	833864.941
SWMH 11	CL = 75.000 IL = 73.732 S 2.001 : IL = 74.209 S 2.002 : IL = 73.732	667476.112	833828.482
SWMH 12	CL = 75.845 IL = 70.449 S 3.001 : IL = 70.449	667425.701	833858.513
SWMH 13	CL = 75.000 IL = 70.304 S 3.001 : IL = 70.324 S 3.002 : IL = 70.304	667475.679	833818.785
SWMH 14	CL = 73.130 IL = 70.220 S 3.002 : IL = 70.240 S 4.001 : IL = 73.188 S 3.003 : IL = 70.220	667485.383	833789.370
SWMH 15	CL = 71.657 IL = 67.963 S 3.003 : IL = 70.211 S 5.002 : IL = 71.212 S 6.003 : IL = 69.561 S 1.008 : IL = 67.963	667493.053	833783.459
SWMH 16	CL = 75.931 IL = 74.093 S 4.001 : IL = 74.093	667415.435	833845.415
SWMH 17	CL = 74.303 IL = 73.390 S 5.001 : IL = 73.390	667405.017	833832.123
SWMH 18	CL = 73.880 IL = 71.250 S 5.001 : IL = 73.211 S 5.002 : IL = 71.250	667475.395	833776.836
SWMH 19	CL = 75.000 IL = 69.815 S 6.001 : IL = 69.815	667409.479	833800.005
SWMH 20	CL = 75.000 IL = 69.669 S 6.001 : IL = 69.690 S 7.001 : IL = 74.920 S 6.002 : IL = 69.669	667458.885	833761.279
SWMH 21	CL = 72.483 IL = 69.603 S 6.002 : IL = 69.623 S 6.003 : IL = 69.603	667482.648	833768.420
SWMH 22	CL = 68.830 IL = 66.000 S 1.009 : IL = 66.000	667512.479	833780.240
SWMH 28	CL = 72.345 IL = -0.075 S 7.001 : IL = -0.075	667430.956	833780.233
SWMH OUTFALL	CL = 68.824 IL = 65.980 S 1.010 : IL = 65.980	667518.449	833788.135

PROPOSED SURFACE WATER PIPE DETAILS					
PIPE NAME	SIZE (mm)	PLAN LENGTH (m)	SLOPE	START IL (m)	END IL (m)
S 1.001	100Ø : uPVC	11.921	1:7	80.420	78.632
S 1.002	100Ø : uPVC	18.570	1:200	78.420	78.327
S 1.003	100Ø : uPVC	9.272	1:200	76.530	76.483
S 1.004	100Ø : uPVC	7.539	1:200	75.000	74.962
S 1.005	100Ø : uPVC	22.935	1:200	74.500	74.385
S 1.006	100Ø : uPVC	13.877	1:200	73.610	73.541
S 1.007	225Ø : uPVC	28.678	1:95	71.779	71.477
S 1.008	225Ø : uPVC	12.218	1:50	68.208	67.963
S 1.009	225Ø : uPVC	6.805	1:500	66.000	65.986
S 1.010	225Ø : uPVC	3.098	1:500	65.986	65.980
S 2.001	225Ø : uPVC	38.176	1:200	74.400	74.209
S 2.002	225Ø : uPVC	8.439	1:98	73.732	73.646
S 3.001	225Ø : uPVC	64.001	1:513	70.449	70.324
S 3.002	225Ø : uPVC	30.913	1:482	70.304	70.240
S 3.003	225Ø : uPVC	9.683	1:1038	70.220	70.211
S 4.001	225Ø : uPVC	89.632	1:99	74.093	73.188
S 5.001	225Ø : uPVC	89.497	1:500	73.390	73.211
S 5.002	225Ø : uPVC	18.859	1:500	71.250	71.212
S 6.001	225Ø : uPVC	62.774	1:500	69.815	69.690
S 6.002	225Ø : uPVC	24.812	1:548	69.669	69.623
S 6.003	225Ø : uPVC	18.288	1:428	69.603	69.561
S 7.001	150Ø : uPVC	33.754	1:0	-0.075	74.920

REVISION SCHEDULE				
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
PL1	ISSUED FOR PRE-PLANNING DISCUSSION	16/08/2023	JPC	JFC
PL2	ISSUED FOR PRE-PLANNING DISCUSSION	31/08/2023	JPC	JFC

SURFACE WATER DRAINAGE LEGEND	
	SURFACE WATER SEWER (EXISTING)
	SURFACE WATER SEWER (NEW)
	SURFACE WATER (SLUNG FROM GROUND FLOOR SLAB)
	SURFACE WATER RISING MAIN
	EXISTING SEWER TO BE DECOMMISSIONED
	EX. SWMH (EXISTING SURFACE WATER MANHOLE)
	SWMH (NEW SURFACE WATER MANHOLE)
	MH (EXISTING MANHOLE TO BE DEMOLISHED)
	RWP : RAIN WATER DOWN PIPE
	S.W.I.C. : S.W.I.C. (SURFACE WATER INSPECTION CHAMBER)
	F.G. : FLOOR GULLY
	ACO : ACO / SLOT DRAINAGE CHANNEL

Drawing Stage: PRE-PLANNING	Project Details:		Notes	Drawn by:	Checked by:	Approved by:	Date:		CORA CONSULTING ENGINEERS Behan House, 10 Lower Mount Street, Dublin 2. D02 HT71 Tel: +353 1 661 1100 e-mail: info@cora.ie Web: www.cora.ie							
	Site Address:	MONAGHAN CO. CO. HQ, ROOSKY, MONAGHAN TOWN		JPC	KO'M	JFC	FEB '23									
	Client:	MONAGHAN COUNTY COUNCIL		Project Name:			Scale:	Project Number:								
	Architect:	HENRY J LYONS ARCHITECTS		CIVIC OFFICES			1:500 @ A1	2223								
	M&E Designer:			Drawing Title:			Project:	Originator:		Zone:	Level:	Type:	Discipline:	Drawing No:	Stage:	Revision:
	Contractor:			OVERALL SITE DRAINAGE PLAN SURFACE WATER			MCC	CORA		ZZ	ZZ	DR	C	0004		PL2