

Project:		<div><div>M</div><div>M</div><div>MOTT MACDONALD</div></div>													
Old Colwyn Coastal Defence															
Calculations for:										Discipline:	STR		Job No/File N	415437	
Bar Bending Schedule										Calc by:	P.C.O.		Date:	23/01/2026	
										Checked by:			Date:	23/01/2026	
415437-MMD-00-XX-BS-C-3540		Dwg Ref:	415437-MMD-00-XX-DR-C-3540 - 3541												
Member		Bar mark	Type and size	No. of members	No. of bars in each	Total no.	Length of each bar + (mm)	Shape code	A* (mm)	B* (mm)	C* (mm)	D*/E* (mm)	r (mm)		
Steps No. 1	LandingSlabs and stairs	01	B20	1	22	22	5900	00	5900						
		02	B20	1	44	44	1550	13	750	285	750		70		
		03	B20	1	44	44	1875	00	1875						
		04	B20	4	11	40	1550	13	750	285	750		70		
		05	B20	1	22	22	8200	00	8200						
		06	B20	2	5	10	2550	00	2550						
		07	B20	2	10	20	1550	13	750	285	750		70		
		08	B20	2	10	20	1875	15	585	1290					
		09	B20	2	10	20	4800	15	890	3910					
		10	B20	1	10	10	2975	00	2975						
		11	B20	1	10	10	4600	25	1325	1950	1325				
		12	B20	1	62	62	1850	00	1850						
		13	B20	1	62	44	1850	00	1850						
		14	B20	1	86	86	1850	00	1850						
		15	B12	1	50	50	1900	00	1900						
		16	B12	2	10	20	1850	00	1850						
		17	B12	1	17	17	1850	00	1850						
	Capping beam	186	B20	1	86	86	1325	13	650	250	650		70		
		18	B16	2	198	396	1475	13	680	250	680		32		
		19	B16	4	198	792	1475	00	1475						
		20	B16	2	198	396	1900	31	340	500	435	710	32		
		21	B16	2	198	396	1150	31	340	120	435	500	32		
		22	B16	4	28	112	9000	00	9000						
		23	B20	2	48	96	9000	00	9000						
		187	B16	4	32	128	1375	13	650	215	650		32		
		207	B16	3	22	66	975	15	485	490					
		208	B12	2	34	68	975	15	485	490					
		209	B12	1	47	47	4600	00	4600						
		210	B12	1	46	46	5350	00	5350						
		211	B12	1	60	60	3650**	00	3650**						
		212	B12	1	43	43	7075	00	7075						
		213	B12	1	23	23	4500	00	4500						
		214	B12	1	65	65	1750	00	1750						
		215	B12	1	17	17	3350	00	3350						
		216	B12	1	118	118	1750	00	1750						
		217	B12	1	17	17	8375	00	8375						
This Schedule conforms to BS 8666:2005										** Variable length					
										+ Specified in multiples of 25mm					
										* Specified in multiples of 5 mm					