RIGHT ABUMENT FOUNDATION BENDING SCHEDULE

STR. MEMBER	BAR MARK	TYPE & SIZE	No OF MEMBERS	No OF BARS	TOTAL No.	BAR LENGTH	SHAPE CODE	DIMENSIONS (mm) A	B	C	D	E/R	Total Bar Lenth
RIGHT ABUT. BASE	1	Y40	1	85	85	9600	55	600	1100	6600	1100	600	817
RIGHT ABUT. BASE	2	Y40	1	84	84	7600	38	600	6600	600			638
RIGHT ABUT. BASE	3	Y20	1	33	33	9500	37	650	8900				313
RIGHT ABUT. BASE	5	Y20	1	4	4	8850	20	8850					35
RIGHT ABUT. BASE	5	Y20	1	4	4	8850	20	8850					35
RIGHT ABUT. BASE	5	Y20	1	4	4	8850	20	8850					35
RIGHT ABUT. BASE	5	Y20	1	4	4	8850	20	8850					35
RIGHT ABUT. BASE	9	Y32	1	69	69	3175	37	2800	450				219
RIGHT ABUT. BASE	9	Y32	1	69	69	3175	37	2800	450				219
RIGHT ABUT. BASE	9	Y32	1	14	14	3175	37	2800	450				44
RIGHT ABUT. BASE	9	Y32	1	14	14	3175	37	2800	450				44
RIGHT ABUT. BASE	9	Y32	1	14	14	3175	37	2800	450				44
RIGHT ABUT. BASE	9	Y32	1	14	14	3175	37	2800	450				44
RIGHT ABUT. BASE	9	Y32	1	2	2	3175	37	2800	450				6
RIGHT ABUT. BASE	9	Y32	1	2	2	3175	37	2800	450				6
RIGHT ABUT. BASE	10	Y16	1	16	16	3000	60	1050	300				48
RIGHT ABUT. BASE	10	Y16	1	16	16	3000	60	1050	300				48
RIGHT ABUT. BASE	10	Y16	1	16	16	3000	60	1050	300				48
RIGHT ABUT. BASE	10	Y16	1	16	16	3000	60	1050	300				48
RIGHT ABUT. BASE	11	Y20	1	33	33	9500	37	650	8900				313
RIGHT ABUT. BASE	12	Y20	1	33	33	9500	37	650	8900				313
RIGHT ABUT. BASE	13	Y20	1	5	5	8000	38	800	6525	800			40
RIGHT ABUT. BASE	14	Y20	1	5	5	8025	38	800	6525	800			40
RIGHT ABUT. BASE	15	Y20	1	33	33	9475	37	650	8900				313

RIGHT ABUTMENT WALL BENDING SCHEDULE

STR. MEMBER	BAR MARK	TYPE & SIZE	No OF MEMBERS	No OF BARS	TOTAL No.	BAR LENGTH	SHAPE CODE	DIMENSIONS (mm) A	B	C	D	E/R	Total Bar length
RIGHT ABUT. WALLS	1	Y20	1	8	8	7250	20	7250					58
RIGHT ABUT. WALLS	1	Y20	1	34	34	7250	20	7250					247
RIGHT ABUT. WALLS	1	Y20	1	8	8	7250	20	7250					58
RIGHT ABUT. WALLS	1	Y20	1	34	34	7250	20	7250					247
RIGHT ABUT. WALLS	1	Y20	1	8	8	7250	20	7250					58
RIGHT ABUT. WALLS	1	Y20	1	8	8	7250	20	7250					58
RIGHT ABUT. WALLS	2	Y16	1	5	5	7825	37	7400	450				39
RIGHT ABUT. WALLS	3	Y20	1	34	34	7325	20	7325					249
RIGHT ABUT. WALLS	3	Y20	1	34	34	7325	20	7325					249
RIGHT ABUT. WALLS	4	Y10	1	4	4	1400	38	600	250	600			6
RIGHT ABUT. WALLS	4	Y10	1	4	4	1400	38	600	250	600			6
RIGHT ABUT. WALLS	4	Y10	1	4	4	1400	38	600	250	600			6
RIGHT ABUT. WALLS	4	Y10	1	4	4	1400	38	600	250	600			6
RIGHT ABUT. WALLS	5	Y32	1	69	69	6775	20	6775					467
RIGHT ABUT. WALLS	5	Y32	1	69	69	6775	20	6775					467
RIGHT ABUT. WALLS	6	Y16	1	70	70	2450	38	900	725	900			172
RIGHT ABUT. WALLS	7	Y16	1	1	1	4825	38	2300	300	2300			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4825	38	2300	300	2300			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4825	38	2300	300	2300			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4825	38	2300	300	2300			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4850	38	2300	300	2300			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4850	38	2325	300	2325			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4850	38	2325	300	2325			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4850	38	2325	300	2325			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4875	38	2325	300	2325			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4875	38	2325	300	2325			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4875	38	2325	300	2325			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4900	38	2325	300	2325			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4900	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4900	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4900	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4925	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4925	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4925	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4925	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4950	38	2350	300	2350			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4950	38	2375	300	2375			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4950	38	2375	300	2375			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4975	38	2375	300	2375			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4975	38	2375	300	2375			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4975	38	2375	300	2375			5
RIGHT ABUT. WALLS	7	Y16	1	1	1	4975	38	2375	300	2375			5
RIGHT ABUT. WALLS	8	Y16	1	63	63	4025	99P	500	1175	300	1550	600	253
RIGHT ABUT. WALLS	9	Y20	1	8	8	5350	37	2325	3100				43
RIGHT ABUT. WALLS	10	Y20	1	8	8	5225	37	2175	3100				42
RIGHT ABUT. WALLS	11	Y16	1	9	9	2075	38	800	550	800			19
RIGHT ABUT. WALLS	11	Y16	1	18	18	2075	38	800	550	800			37
RIGHT ABUT. WALLS	11	Y16	1	23	23	2075	38	800	550	800			48
RIGHT ABUT. WALLS	11	Y16	1	10	10	2075	38	800	550	800			21
RIGHT ABUT. WALLS	11	Y16	1	8	8	2075	38	800	550	800			17
RIGHT ABUT. WALLS	11	Y16	1	18	18	2075	38	800	550	800			37
RIGHT ABUT. WALLS	11	Y16	1	23	23	2075	38	800	550	800			48
RIGHT ABUT. WALLS	11	Y16	1	10	10	2075	38	800	550	800			21
RIGHT ABUT. WALLS	11	Y16	1	8	8	2075	38	800	550	800			17
RIGHT ABUT. WALLS	12	Y16	1	8	8	1750	38	650	550	650			14
RIGHT ABUT. WALLS	13	Y20	1	1	1	4875	37	2175	2750				5
RIGHT ABUT. WALLS	13	Y20	1	1	1	4575	37	2175	2450				5
RIGHT ABUT. WALLS	13	Y20	1	1	1	4275	37	2175	2150				4
RIGHT ABUT. WALLS	13	Y20	1	1	1	3950	37	2175	1850				4
RIGHT ABUT. WALLS	13	Y20	1	1	1	3650	37	2175	1550				4
RIGHT ABUT. WALLS	13	Y20	1	1	1	3350	37	2175	1225				3
RIGHT ABUT. WALLS	13	Y20	1	1	1	3050	37	2175	925				3
RIGHT ABUT. WALLS	13	Y20	1	1	1	2725	37	2175	625				3

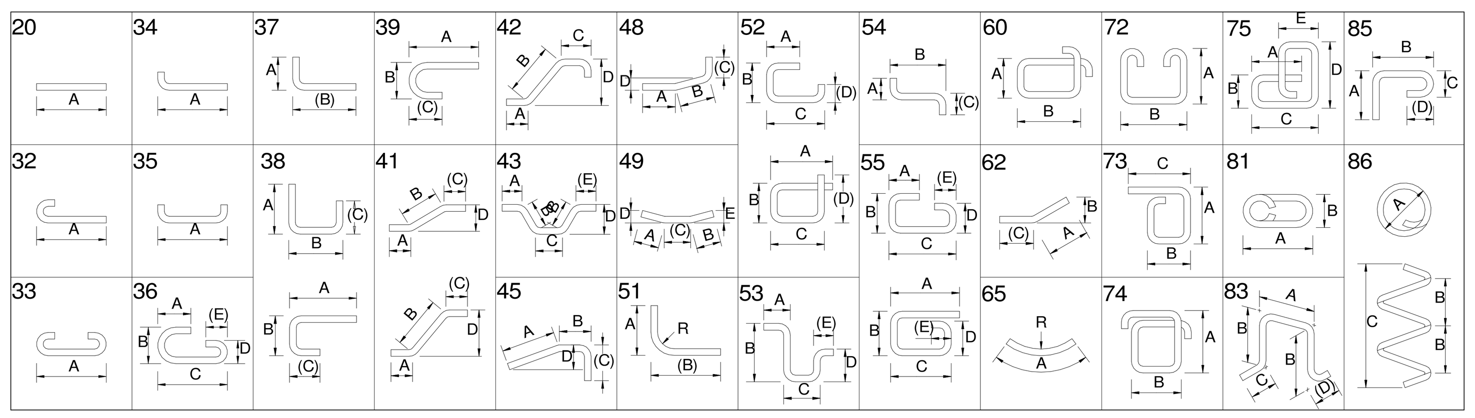
RIGHT ABUTMENT WALL BENDING SCHEDULE

STR. MEMBER	BAR MARK	TYPE & SIZE	No OF MEMBERS	No OF BARS	TOTAL No.	BAR LENGTH	SHAPE CODE	DIMENSIONS (mm) A	B	C	D	E/R	Total Bar length
RIGHT ABUT. WALLS	13	Y20	1	1	1	2425	37	2175	325				2
RIGHT ABUT. WALLS	14	Y20	1	1	1	4875	37	2175	2750				5
RIGHT ABUT. WALLS	14	Y20	1	1	1	4575	37	2175	2450				5
RIGHT ABUT. WALLS	14	Y20	1	1	1	4275	37	2175	2150				4
RIGHT ABUT. WALLS	14	Y20	1	1	1	3950	37	2175	1850				4
RIGHT ABUT. WALLS	14	Y20	1	1	1	3650	37	2175	1550				4
RIGHT ABUT. WALLS	14	Y20	1	1	1	3350	37	2175	1225				3
RIGHT ABUT. WALLS	14	Y20	1	1	1	3050	37	2175	925				3
RIGHT ABUT. WALLS	14	Y20	1	1	1	2725	37	2175	625				3
RIGHT ABUT. WALLS	14	Y20	1	1	1	2425	37	2175	325				2
RIGHT ABUT. WALLS	15	Y16	1	1	1	7400	60	550	3000				7
RIGHT ABUT. WALLS	15	Y16	1	1	1	7175	60	550	2875				7
RIGHT ABUT. WALLS	15	Y16	1	1	1	6950	60	550	2775				7
RIGHT ABUT. WALLS	15	Y16	1	1	1	6725	60	550	2650				7
RIGHT ABUT. WALLS	15	Y16	1	1	1	6525	60	550	2550				7
RIGHT ABUT. WALLS	15	Y16	1	1	1	6300	60	550	2450				6
RIGHT ABUT. WALLS	15	Y16	1	1	1	6075	60	550	2325				6
RIGHT ABUT. WALLS	15	Y16	1	1	1	5850	60	550	2225				6
RIGHT ABUT. WALLS	15	Y16	1	1	1	5625	60	550	2100				6
RIGHT ABUT. WALLS	15	Y16	1	1	1	5400	60	550	2000				5
RIGHT ABUT. WALLS	15	Y16	1	1	1	5200	60	550	1900				5
RIGHT ABUT. WALLS	15	Y16	1	1	1	4975	60	550	1775				5
RIGHT ABUT. WALLS	15	Y16	1	1	1	4750	60	550	1675				5
RIGHT ABUT. WALLS	15	Y16	1	1	1	4525	60	550	1550				5
RIGHT ABUT. WALLS	15	Y16	1	1	1	4300	60	550	1450				4
RIGHT ABUT. WALLS	16	Y25	1	14	14	7800	20	7800					109
RIGHT ABUT. WALLS	16	Y25	1	14	14	7800	20	7800					109
RIGHT ABUT. WALLS	17	Y20	1	23	23	2500	20	2500					58
RIGHT ABUT. WALLS	17	Y20	1	23	23	2500	20	2500					58
RIGHT ABUT. WALLS	17	Y20	1	23	23	2500	20	2500					58
RIGHT ABUT. WALLS	17	Y20	1	23	23	2500	20	2500					58
RIGHT ABUT. WALLS	18	Y25	1	1	1	3275	20	3275					3
RIGHT ABUT. WALLS	18	Y25	1	1	1	3075	20	3075					3
RIGHT ABUT. WALLS	18	Y25	1	1	1	2875	20	2875					3
RIGHT ABUT. WALLS	18	Y25	1	1	1	2700	20	2700					3
RIGHT ABUT. WALLS	18	Y25	1	1	1	2500	20	2500					3
RIGHT ABUT. WALLS	18	Y25	1	1	1	2325	20	2325					2
RIGHT ABUT. WALLS	18	Y25	1	1	1	2125	20	2125					2
RIGHT ABUT. WALLS	18	Y25	1	1	1	1950	20	1950					2
RIGHT ABUT. WALLS	19	Y25	1	1	1	3275	20	3275					3
RIGHT ABUT. WALLS	19	Y25	1	1	1	3075	20	3075					3
RIGHT ABUT. WALLS	19	Y25	1	1	1	2875	20	2875					3
RIGHT ABUT. WALLS	19	Y25	1	1	1	2700	20	2700					3
RIGHT ABUT. WALLS	19	Y25	1	1	1	2500	20	2500					3
RIGHT ABUT. WALLS	19	Y25	1	1	1	2325	20	2325					2
RIGHT ABUT. WALLS	19	Y25	1	1	1	2125	20	2125					2
RIGHT ABUT. WALLS	19	Y25	1	1	1	1950	20	1950					2
RIGHT ABUT. WALLS	20	Y20	1	1	1	3900	20	3900					4
RIGHT ABUT. WALLS	20	Y20	1	1	1	3725	20	3725					4
RIGHT ABUT. WALLS	20	Y20	1	1	1	3550	20	3550					4
RIGHT ABUT. WALLS	20	Y20	1	1	1	3375	20	3375					3
RIGHT ABUT. WALLS	20	Y20	1	1	1	3200	20	3200					3
RIGHT ABUT. WALLS	20	Y20	1	1	1	3025	20	3025					3
RIGHT ABUT. WALLS	20	Y20	1	1	1	2850	20	2850					3
RIGHT ABUT. WALLS	20	Y20	1	1	1	2675	20	2675					3
RIGHT ABUT. WALLS	21	Y20	1	1	1	2675	20	2675					3
RIGHT ABUT. WALLS	21	Y20	1	1	1	2850	20	2850					3
RIGHT ABUT. WALLS	21	Y20	1	1	1	3025	20	3025					3
RIGHT ABUT. WALLS	21	Y20	1	1	1	3200	20	3200					3
RIGHT ABUT. WALLS	21	Y20	1	1	1	3375	20	3375					3
RIGHT ABUT. WALLS	21	Y20	1	1	1	3550	20	3550					4
RIGHT ABUT. WALLS	21	Y20	1	1	1	3725	20	3725					4
RIGHT ABUT. WALLS	21	Y20	1	1	1	3900	20	3900					4
RIGHT ABUT. WALLS	22	Y20	1	10	10	4000	20	4000					40
RIGHT ABUT. WALLS	22	Y20	1	10	10	4000	20	4000					40
RIGHT ABUT. WALLS	22	Y20	1	10	10	4000	20	4000					40
RIGHT ABUT. WALLS	22	Y20	1	10	10	4000	20	4000					40
RIGHT ABUT. WALLS	23	Y16	1	5	5	3025	38	1350	425	1350			15
RIGHT ABUT. WALLS	23	Y16	1	5	5	3025	38	1350	425	1350			15
RIGHT ABUT. WALLS	24	Y16	1	2	2	1400	38	275	900	275			3
RIGHT ABUT. WALLS	24	Y16	1	2	2	1375	38	275	900	275			3
RIGHT ABUT. WALLS	24	Y16	1	2	2	1400	38	275	900	275			3
RIGHT ABUT. WALLS	24	Y16	1	2	2	1375	38	275	900	275			3
RIGHT ABUT. WALLS	25	Y16	1	3	3	3475	38	1325	875	1325			10
RIGHT ABUT. WALLS	25	Y16	1	3	3	3475	38	1325	875	1325			10
RIGHT ABUT. WALLS	26	Y16	1	4	4	4775	37	800	4000				19
RIGHT ABUT. WALLS	26	Y16	1	4	4	4775	37	800	4000				19
RIGHT ABUT. WALLS	27	Y16	1	2	2	8325	41	1850	2125	4350	1525	1500	17
RIGHT ABUT. WALLS	27	Y16	1	2	2	8325	41	1850	2125	4350	1525	1500	17
RIGHT ABUT. WALLS	28	Y20	1	35	35	2700	38	1000	800	1000			94
RIGHT ABUT. WALLS	28	Y20	1	35	35	2700	38	1000	800	1000			94
RIGHT ABUT. WALLS	29	Y20	1	35	35	4250	38	1900	550	1900			149
RIGHT ABUT. WALLS	29	Y20	1	35	35	4250	38	1900	550	1900			149
RIGHT ABUT. WALLS	30	Y25	1	1	1	3275	20	3275					3
RIGHT ABUT. WALLS	30	Y25	1	1	1	3075	20	3075					3
RIGHT ABUT. WALLS	30	Y25	1	1	1	2875	20	2875					3
RIGHT ABUT. WALLS	30	Y25	1	1	1	2700	20	2700					3
RIGHT ABUT. WALLS	30	Y25	1	1	1	2500	20	2500					3
RIGHT ABUT. WALLS	30	Y25	1	1	1	2325	20	2325					2
RIGHT ABUT. WALLS	30	Y25	1	1	1	2125	20	2125					2
RIGHT ABUT. WALLS	30	Y25	1	1	1	1950	20	1950					2
RIGHT ABUT. WALLS	31	Y25	1	1	1	3275	20	3275					3
RIGHT ABUT. WALLS	31	Y25	1	1	1	3075	20	3075					3
RIGHT ABUT. WALLS	31	Y25	1	1	1	2875	20	2875					3

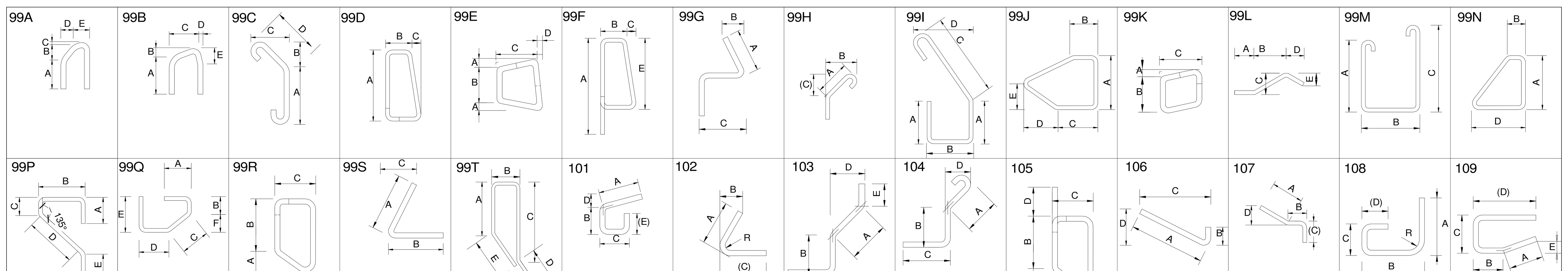
RIGHT ABUTMENT WALL BENDING SCHEDULE

STR. MEMBER	BAR MARK	TYPE & SIZE	No OF MEMBERS	No OF BARS	TOTAL No.	BAR LENGTH	SHAPE CODE	DIMENSIONS (mm) A	B	C	D	E/R	Total Bar length
RIGHT ABUT. WALLS	31	Y25	1	1	1	2700	20	2700					3
RIGHT ABUT. WALLS	31	Y25	1	1	1	2500	20	2500					3
RIGHT ABUT. WALLS	31	Y25	1	1	1	2325	20	2325					2
RIGHT ABUT. WALLS	31	Y25	1	1	1	2125	20	2125					2
RIGHT ABUT. WALLS	31	Y25	1	1	1	1950	20	1950					2
RIGHT ABUT. WALLS	32	Y20	1	1	1	3900	20	3900					4
RIGHT ABUT. WALLS	32	Y20	1	1	1	3725	20	3725					4
RIGHT ABUT. WALLS	32	Y20	1	1	1	3550	20	3550					4
RIGHT ABUT. WALLS	32	Y20	1	1	1	3375	20	3375					3
RIGHT ABUT. WALLS	32	Y20	1	1	1	3200	20	3200					3
RIGHT ABUT. WALLS	32	Y20	1	1	1	3025	20	3025					3
RIGHT ABUT. WALLS	32	Y20	1	1	1	2850	20	2850					3
RIGHT ABUT. WALLS	32	Y20	1	1	1	2675	20	2675					3
RIGHT ABUT. WALLS	33	Y20	1	1	1	2675	20	2675					3
RIGHT ABUT. WALLS	33	Y20	1	1	1	2850	20	2850					3
RIGHT ABUT. WALLS	33	Y20	1	1	1	3025	20	3025					3
RIGHT ABUT. WALLS	33	Y20	1	1	1	3200	20	3200					3
RIGHT ABUT. WALLS	33	Y20	1	1	1	3375	20	3375					3
RIGHT ABUT. WALLS	33	Y20	1	1	1	3550	20	3550					4
RIGHT ABUT. WALLS	33	Y20	1	1	1	3725	20	3725					4
RIGHT ABUT. WALLS	33	Y20	1	1	1	3900	20	3900					4
RIGHT ABUT. WALLS	34	Y16	1	5	5	3175	38	1350	550	1350			16
RIGHT ABUT. WALLS	35	Y16	1	6	6	3300	38	1600	200	1600			20
RIGHT ABUT. WALLS	35	Y16	1	6	6	3300	38	1600	200	1600			20
RIGHT ABUT. WALLS	36	Y16	1	5	5	3850	38	1850	225	1850			19
RIGHT ABUT. WALLS	36	Y16	1	5	5	3850	38	1850	225	1850			19
RIGHT ABUT. WALLS	37	Y16	1	1	1	4850	38	2300	325	2325			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4850	38	2300	325	2325			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4875	38	2300	325	2325			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4875	38	2300	325	2325			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4875	38	2325	325	2325			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4900	38	2325	325	2325			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4900	38	2325	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4900	38	2325	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4900	38	2325	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4925	38	2325	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4925	38	2325	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4925	38	2350	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4950	38	2350	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4950	38	2350	325	2350			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4950	38	2350	325	2375			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4950	38	2350	325	2375			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4975	38	2350	325	2375			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4975	38	2350	325	2375			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4975	38	2375	325	2375			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	4975	38	2375	325	2375			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	5000	38	2375	325	2375			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	5000	38	2375	325	2400			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	5000	38	2375	325	2400			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	5025	38	2375	325	2400			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	5025	38	2375	325	2400			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	5025	38	2400	325	2400			5
RIGHT ABUT. WALLS	37	Y16	1	1	1	5025	38	2400	325	2400			5
RIGHT ABUT. WALLS	38	Y16	1	10	10	4750	38	2275	300	2275			48
RIGHT ABUT. WALLS	39	Y16	1	4	4	2475	38	450	900	1200			10
RIGHT ABUT. WALLS	40	Y16	1	4	4	4275	37	2900	1425				17
RIGHT ABUT. WALLS	41	Y16	1	4	4	5425	41	425	4225	800	3675	2100	22
RIGHT ABUT. WALLS	42	Y16	1	3	3	1675	38	350	1050	350			5
RIGHT ABUT. WALLS	42	Y16	1	3	3	1675	38	350	1050	350			5
RIGHT ABUT. WALLS	43	Y16	1	3	3	6600	20	6600					20
RIGHT ABUT. WALLS	43	Y16	1	2	2	6600	20	6600					13
RIGHT ABUT. WALLS	43	Y16	1	3	3	6600	20	6600					20
RIGHT ABUT. WALLS	43	Y16	1	2	2	6600	20	6600					13
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	44	Y12	1	6	6	2400	60	800	275				14
RIGHT ABUT. WALLS	45	Y12	1	9	9	1900	60	275	550				17
RIGHT ABUT. WALLS	45	Y12	1	9	9	1900	60	275	550				17
RIGHT ABUT. WALLS	45	Y12	1	9	9	1900	60	275	550				17
RIGHT ABUT. WALLS	45	Y12	1	9	9	1900	60	275	550				17
RIGHT ABUT. WALLS	46	Y12	1	1	1	1450	38	700	100	700			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1425	38	700	100	700			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1425	38	700	100	700			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1425	38	700	100	700			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1400	38	675	100	675			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1400	38	675	100	675			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1400	38	675	100	675			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1400	38	675	100	675			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1375	38	675	100	675			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1375	38	675	100	675			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1375	38	675	100	675			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1375	38	650	100	650			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1350	38	650	100	650			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1350	38	650	100	650			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1350	38	650	100	650			1
RIGHT ABUT. WALLS	46	Y12	1	1	1	1325	38	650	100	650			1

STANDARD SHAPE CODES



SPECIAL SHAPE CODES



NOTES

1. BEFORE ORDERING AND BEFORE CUTTING AND BENDING OF REINFORCEMENT COMMENCES, THE CONTRACTOR MUST CHECK ALL SCHEDULES TO ENSURE CORRECTNESS, WHERE CHANGES ARE NECESSARY, THEY SHALL BE REFERRED TO THE ENGINEER.
2. ALL BENDING SHALL BE DONE IN ACCORDANCE WITH SABS 82 (WITH THE LATEST AMENDMENTS).
3. THREE TYPE OF REINFORCEMENT CAN BE SPECIFIED ON REINFORCEMENT DRAWINGS AND BENDING SCHEDULE viz.
   a. R HOT-ROLLED MILD STEEL BARS OF PLAIN ROUND CROSS-SECTION HAVING A CHARACTERISTIC STRENGTH OF 250 MPa.
      Y HOT-ROLLED HIGH YIELD STRESS STEEL HAVING A CHARACTERISTIC STRENGTH OF 450 MPa.
   b. WELDED STEEL FABRIC IN ACCORDANCE WITH SABS 1024:1991.

   FOR EXAMPLE:

   R20 DENOTES A 20mm DIAMETER PLAIN ROUND HOT-ROLLED MILD STEEL

   Y25 DENOTES A 25mm DIAMETER HOT-ROLLED HIGH YIELD STRESS STEEL

   REF: 665 DENOTES FABRIC REFERENCE 655 MESH

Rev	Date	Description	Checked	Signed
A	28-09-2023	ISSUED FOR APPROVAL	BM	

AMMENDMENTS

AS BUILT

Supervising Engineer — Date

Supervising Authority

Continued from :
Continued on :
Cross Section No :
Longitudinal Section No :
Survey Plan No :

Designed by : T. Mhkize
Checked by : B. Manyela
Drawn by : S. Maphumulo
Checked by : T. Mhkize
Date of approval :

transport
Department:
Transport
Province of KwaZulu-Natal

Designed by :
IBHONGO CONSULTING
71 Fifth Avenue
Morningside
Durban 4001
Tel: (031) 324 2200
Fax: (031) 324 2222
email:info@ibhongo.co.za
Director — Date

Structural Design: Chief Engineer

Head: Transport

PROVINCIAL ROAD P52/3 - NONGOMA TO PONGOLA

S 27 39 47.18 E 31 43 12.14

PROPOSED MKHUZE RIVER BRIDGE

RIGHT ABUTMENT BENDING SCHEDULE SHEET 1 OF 2

Staked km distance: 27.400
Scale : As indicated
Sheet : 36 of : 51
Ibhongo Dwg No: 2203-SBS-312
DOT Dwg No: 3801-36

3801-36