

Project :								BBS No.	CSCEC-R999-2-CSC-ST-S01-RF-045										Revision :		1
Description :		JMRD-1 STRUCTURE SPAN-2 PIER DIAPHRAGM-2 REINFORCEMENT DETAILS (SHEET 1 OF 3)						Dwg. Ref.	CSCEC-R999-2-CSC-ST-S01-RF-045										Prepared By :		RNL
																			Checked By :		SHK
Member	Bar Mark	Type and Size	QUANTITY				Shape Code	DIMENSION										WEIGHT		Revision	
			No. of mbrs.	No. of Bars in each	Total No.	Bar Length mm		A *	B *	C *	D *	E/R *	F *	G *	H *	I *	J *	Unit Weight Kg	Weight Kg		
PIER-2 DIAPHRAGM	01	T12	1	17	17	1700	27	650	130	950	645							0.888	25.663		
	02	T16	1	17	17	6350	99375	130	6015	200	3140	6670						1.579	170.453		
	03	T16	1	17	17	6825	99519	130	1210	5355	130	6610	1205					1.579	183.203	1	
	04	T32	1	60	60	12000	00	12000										6.313	4545.36	1	
	06	T32	1	24	24	6375	00	6375										6.313	965.889		
	07	T32	1	24	24	9275	00	9275										6.313	1405.274		
	08	T32	1	24	24	12000	15	1265	20	10735								6.313	1818.144		
	09	T32	1	12	12	12000	15	3395	60	8605								6.313	909.072		
	10	T32	1	24	24	12000	15	3735	65	8265								6.313	1818.144		
	11	T32	1	12	12	12000	15	6195	105	5805								6.313	909.072		
	12	T32	1	24	24	12000	15	835	15	11165								6.313	1818.144		
	13	T32	1	12	12	4675	99486	2650	210	1825		150						6.313	354.159		
	14	T32	1	12	12	7475	99486	5450	210	1825		150						6.313	566.276		
	15	T32	1	12	12	8825	99486	6800	210	1825		150						6.313	668.547		
	16	T32	1	12	12	11625	99486	9600	210	1825		150						6.313	880.664		
	24	T32	1	36	36	9000	00	9000										6.313	2045.412	1	
	25	T32	1	12	12	8000	00	8000										6.313	606.048	1	
	26	T32	1	12	12	11500	26	4330	420	6750	50							6.313	871.194	1	
	27	T32	1	12	12	8600	26	4330	420	3850	50							6.313	651.502	1	
SIDE FACE BARS	17	T16	1	11	11	4400	99143	850	2740	850	1365							1.579	76.424		
	18	T16	1	11	11	4425	99143	850	2755	850	1385							1.579	76.858		
	19	T20	1	22	22	12000	00	12000										2.466	651.024		
	20	T20	1	10	10	12000	15	6375	110	5625								2.466	295.92		
	21	T20	1	12	12	12000	15	7680	135	4320								2.466	355.104		
	22a	T20	1	2	2	4850	00	4850										2.466	23.92		
	22b	T20	1	2	2	3550	00	3550										2.466	17.509		
	22c	T20	1	2	2	4850	00	4850										2.466	23.92		
	22d	T20	1	2	2	3600	00	3600										2.466	17.755		
	22e	T20	1	2	2	5175	00	5175										2.466	25.523		
	22f	T20	1	2	2	4175	00	4175										2.466	20.591		
	22g	T20	1	2	2	5825	00	5825										2.466	28.729		
	22h	T20	1	2	2	4925	00	4925										2.466	24.29		
	22i	T20	1	2	2	6700	00	6700										2.466	33.044		
	22j	T20	1	2	2	5975	00	5975										2.466	29.469		
	22k	T20	1	2	2	8075	00	8075										2.466	39.826		
	23a	T20	1	2	2	4375	00	4375										2.466	21.578		
	23b	T20	1	2	2	5675	00	5675										2.466	27.989		
	23c	T20	1	2	2	4375	00	4375										2.466	21.578		

Member	Bar Mark	Type and Size	QUANTITY				Shape Code	DIMENSION										WEIGHT		Revision
			No. of mbrs.	No. of Bars in each	Total No.	Bar Length mm		A *	B *	C *	D *	E/R *	F *	G *	H *	I *	J *	Unit Weight Kg	Weight Kg	
	23d	T20	1	2	2	5750	00	5750										2.466	28.359	
	23e	T20	1	2	2	4700	00	4700										2.466	23.18	
	23f	T20	1	2	2	6300	00	6300										2.466	31.072	
	23g	T20	1	2	2	5350	00	5350										2.466	26.386	
	23h	T20	1	2	2	7050	00	7050										2.466	34.771	
	23i	T20	1	2	2	6200	00	6200										2.466	30.578	
	23j	T20	1	2	2	8100	00	8100										2.466	39.949	
	23k	T20	1	2	2	7575	00	7575										2.466	37.36	

Total
Weight 23274.926 Kg