Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD143-P	2-4-1	2	4	1	LSH4111S	LSH4111				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-2	2	4	2	LSH4112S	LSH4112				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-3	2	4	3	LSH4211S	LSH4211				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-4	2	4	4	LSH4932S	LSH4932				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-5	2	4	5	LSH4971S	LSH4971				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-6	2	4	6	SPARE	SPARE				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-7	2	4	7	SPARE	SPARE				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-8	2	4	8	SV4211OI	SV4211				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-9	2	4	9	SV4211CI	SV4211				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-10	2	4	10	SV4310OI	SV4310				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-11	2	4	11	SV4310CI	SV4310				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-12	2	4	12	SV4811AOI	SV4811A				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-13	2	4	13	SV4811ACI	SV4811A				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-14	2	4	14	SV4811BOI	SV4811B				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-15	2	4	15	SV4811BCI	SV4811B				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-4-16	2	4	16	LSL4821S	LSL4821				DI	IS								BD4-Transester 2		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD143-P	2-5-1	2	5	1	SV4812AOI	SV4812A				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-5-2	2	5	2	SV4812ACI	SV4812A				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-5-3	2	5	3	SV4812BOI	SV4812B				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-5-4	2	5	4	SV4812BCI	SV4812B				DI	IS								BD4-Transester 1		
		0201	ASD143-P	2-5-5	2	5	5	SPARE	SPARE				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-6	2	5	6	SPARE	SPARE				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-7	2	5	7	SPARE	SPARE				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-8	2	5	8	SPARE	SPARE				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-9	2	5	9	SV4210AOI	SV4210A				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-10	2	5	10	SV4210ACI	SV4210A				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-11	2	5	11	SV4210BOI	SV4210B				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-12	2	5	12	SV4210BCI	SV4210B				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-13	2	5	13	SV4210A1-1OI	SV4210A11				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-14	2	5	14	SV4210A1-1CI	SV4210A11				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-15	2	5	15	LSH4210AS	LSH4210A				DI	IS								BD4-Transester 2		
		0201	ASD143-P	2-5-16	2	5	16	LSH4210BS	LSH4210B				DI	IS								BD4-Transester 2		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD143-P	3-3-1	3	3	1	SV4210A1-2OI	SV4210A12				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-2	3	3	2	SV4210A1-2CI	SV4210A12				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-3	3	3	3	SV4210A2OI	SV4210A2				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-4	3	3	4	SV4210A2CI	SV4210A2				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-5	3	3	5	SV4210B1OI	SV4210B1				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-6	3	3	6	SV4210B1CI	SV4210B1				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-7	3	3	7	SV4210B2OI	SV4210B2				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-8	3	3	8	SV4210B2CI	SV4210B2				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-9	3	3	9	SV4821OI	SV4821				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-10	3	3	10	SV4821CI	SV4821				DI	IS								BD4-Transester 2		
		0201	ASD143-P	3-3-11	3	3	11	LSH4801S	LSH4801				DI	IS								BD4-Wash & Dry		
		0201	ASD143-P	3-3-12	3	3	12	LSH4831S	LSH4831				DI	IS								BD4-Wash & Dry		
		0201	ASD143-P	3-3-13	3	3	13	LSH4832S	LSH4832				DI	IS								BD4-Wash & Dry		
		0201	ASD143-P	3-3-14	3	3	14	LSH5801S	LSH5801				DI	IS								BD4-Wash & Dry		
		0201	ASD143-P	3-3-15	3	3	15	LSH5831S	LSH5831				DI	IS								BD4-Wash & Dry		
		0201	ASD143-P	3-3-16	3	3	16	LSH5832S	LSH5832				DI	IS								BD4-Wash & Dry		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD143-P	3-4-1	3	4	1	LSH4143S	LSH4143				DI	IS								BD4-Wash & Dry	NEW ADD ON 29/09/2010	
		0201	ASD143-P	3-4-2	3	4	2	LSH92007AS	LSH92007A				DI	IS								BD4-Wash & Dry		
		0201	ASD143-P	3-4-3	3	4	3	LSH4137S	LSH4137				DI	IS								BD4-Wash & Dry		
		0201	ASD143-P	3-4-4	3	4	4	LSH4213S	LSH4213				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-5	3	4	5	LSH4214AS	LSH4214A				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-6	3	4	6	LSH4214BS	LSH4214B				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-7	3	4	7	SV4822AV1OI	SV4822AV1				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-8	3	4	8	SV4822AV1CI	SV4822AV1				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-9	3	4	9	SV4822AOI	SV4822A				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-10	3	4	10	SV4822ACI	SV4822A				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-11	3	4	11	SV4822BV1OI	SV4822BV1				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-12	3	4	12	SV4822BV1CI	SV4822BV1				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-13	3	4	13	SV4822BOI	SV4822B				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-14	3	4	14	SV4822BCI	SV4822B				DI	IS								BD4-Rectify 1		
		0201	ASD143-P	3-4-15	3	4	15	LSH4219S	LSH4219				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	3-4-16	3	4	16	LSH4311S	LSH4311				DI	IS								BD4-Rectify 2		

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng Units	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper		LL	L	H	HH			
		0201	ASD143-P	7-5-1	7	5	1	SV4823OI	SV4823				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-2	7	5	2	SV4823CI	SV4823				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-3	7	5	3	SV4823AV1OI	SV4823AV1				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-4	7	5	4	SV4823AV1CI	SV4823AV1				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-5	7	5	5	SV4823AOI	SV4823A				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-6	7	5	6	SV4823ACI	SV4823A				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-7	7	5	7	SV4823BV1OI	SV4823BV1				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-8	7	5	8	SV4823BV1CI	SV4823BV1				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-9	7	5	9	SV4823BOI	SV4823B				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-10	7	5	10	SV4823BCI	SV4823B				DI	IS								BD4-Rectify 2		
		0201	ASD143-P	7-5-11	7	5	11	LSH4318S	LSH4318				DI	IS								BD4-Gly Evaporate		
		0201	ASD143-P	7-5-12	7	5	12	LSH4320S	LSH4320				DI	IS								BD4-Gly Evaporate		
		0201	ASD143-P	7-5-13	7	5	13	LSH4321S	LSH4321				DI	IS								BD4-Gly Evaporate		
		0201	ASD143-P	7-5-14	7	5	14	LSH4970S	LSH4970				DI	IS								BD4-Gly Evaporate		
		0201	ASD143-P	7-5-15	7	5	15	LSH4211BS	LSH4211B				DI	IS								BD4-Process Tank		
		0201	ASD143-P	7-5-16	7	5	16	LSH4811S	LSH4811				DI	IS								BD4-Process Tank		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng Units	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper		LL	L	H	HH			
		0201	ASD143-P	8-5-1	8	5	1	LSH4811BS	LSH4811B				DI	IS								BD4-Process Tank		
		0201	ASD143-P	8-5-2	8	5	2	LSH4812S	LSH4812				DI	IS								BD4-Process Tank		
		0201	ASD143-P	8-5-3	8	5	3	LSH4822S	LSH4822				DI	IS								BD4-Process Tank		
		0201	ASD143-P	8-5-4	8	5	4	LSH4823S	LSH4823				DI	IS								BD4-Process Tank		
		0201	ASD143-P	8-5-5	8	5	5	LSH4824S	LSH4824				DI	IS								BD4-Process Tank		
		0201	ASD143-P	8-5-6	8	5	6	LSH92001S	LSH92001				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	8-5-7	8	5	7	LSH92002S	LSH92002				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	8-5-8	8	5	8	LSH92003S	LSH92003				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	8-5-9	8	5	9	LSH92004S	LSH92004				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	8-5-10	8	5	10	LSH92005S	LSH92005				DI	IS										
		0201	ASD143-P	8-5-11	8	5	11	LSH92006S	LSH92006				DI	IS										
		0201	ASD143-P	8-5-12	8	5	12	LSH92007S	LSH92007				DI	IS										
		0201	ASD143-P	8-5-13	8	5	13	LSH92008S	LSH92008				DI	IS										
		0201	ASD143-P	8-5-14	8	5	14	LSH92009S	LSH92009				DI	IS										
		0201	ASD143-P	8-5-15	8	5	15	LSH92010S	LSH92010				DI	IS										
		0201	ASD143-P	8-5-16	8	5	16	LSH92011S	LSH92011				DI	IS										
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng Units	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper		LL	L	H	HH			
		0201	ASD143-P	9-5-1	9	5	1	LSH4931S	LSH4931				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-2	9	5	2	LSH4937S	LSH4937				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-3	9	5	3	LSH4961BS	LSH4961B				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-4	9	5	4	LSL4961AS	LSL4961A				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-5	9	5	5	SV4900OI	SV4900				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-6	9	5	6	SV4900CI	SV4900				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-7	9	5	7	SV4961OI	SV4961				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-8	9	5	8	SV4961CI	SV4961				DI	IS								BD4-Utility 1		
		0201	ASD143-P	9-5-9	9	5	9	SV4801AOI	SV4801A				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	9-5-10	9	5	10	SV4801ACI	SV4801A				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	9-5-11	9	5	11	SV4801BOI	SV4801B				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	9-5-12	9	5	12	SV4801BCI	SV4801B				DI	IS								BD4&5-Tank Farm		
		0201	ASD143-P	9-5-13	9	5	13	SV4821AOI	SV4821A				DI	IS								BD4-Transester 2		
		0201	ASD143-P	9-5-14	9	5	14	SV4821ACI	SV4821A				DI	IS								BD4-Transester 2		
		0201	ASD143-P	9-5-15	9	5	15	SV4821BOI	SV4821B				DI	IS								BD4-Transester 2		
		0201	ASD143-P	9-5-16	9	5	16	SV4821BCI	SV4821B				DI	IS								BD4-Transester 2		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng Units	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper		LL	L	H	HH			
		0201	ADV151-P	11-4-1	11	4	1	PU4112STI	PU4112				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-2	11	4	2	PU4112TRI	PU4112				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-3	11	4	3	PU4126STI	PU4126				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-4	11	4	4	PU4126TRI	PU4126				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-5	11	4	5	PU4126TRV	PU4126				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-6	11	4	6	MX4123STI	MX4123				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-7	11	4	7	MX4123TRI	MX4123				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-8	11	4	8	MX4123TRV	MX4123				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-9	11	4	9	MX4128STI	MX4128				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-10	11	4	10	MX4128TRI	MX4128				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-11	11	4	11	MX4128TRV	MX4128				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-12	11	4	12	AG4122STI	AG4122				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-13	11	4	13	AG4122TRI	AG4122				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-14	11	4	14	AG4122TRV	AG4122				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-15	11	4	15	AG4123STI	AG4123				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-16	11	4	16	AG4123TRI	AG4123				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-17	11	4	17	AG4123TRV	AG4123				DI	NIS								BD4-Transester 1		
		0201	ADV151-P	11-4-18	11	4	18	PU4210ASTI	PU4210A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-19	11	4	19	PU4210ATRI	PU4210A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-20	11	4	20	PU4210BSTI	PU4210B				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-21	11	4	21	PU4210BTRI	PU4210B				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-22	11	4	22	PU4310STI	PU4310				DI	NIS								BD4-Transester 2		

		0201	ADV151-P	11-4-23	11	4	23	PU4310TRI	PU4310				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-24	11	4	24	PU4132STI	PU4132				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-25	11	4	25	PU4132TRI	PU4132				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-26	11	4	26	PU4132TRV	PU4132				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-27	11	4	27	PU4160ASTI	PU4160A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-28	11	4	28	PU4160ATRI	PU4160A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-29	11	4	29	PU4160ATRV	PU4160A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-30	11	4	30	PU4160BSTI	PU4160B				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-31	11	4	31	PU4160BTRI	PU4160B				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-4-32	11	4	32	PU4160BTRV	PU4160B				DI	NIS								BD4-Transester 2		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV151-P	11-5-1	11	5	1	PU4821ASTI	PU4821A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-2	11	5	2	PU4821ATRI	PU4821A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-3	11	5	3	PU4821ATRV	PU4821A				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-4	11	5	4	PU4821BSTI	PU4821B				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-5	11	5	5	PU4821BTRI	PU4821B				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-6	11	5	6	PU4821BTRV	PU4821B				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-7	11	5	7	MX4134STI	MX4134				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-8	11	5	8	MX4134TRI	MX4134				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-9	11	5	9	MX4134TRV	MX4134				DI	NIS								BD4-Transester 2		
		0201	ADV151-P	11-5-10	11	5	10	PU4137STI	PU4137				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-11	11	5	11	PU4137TRI	PU4137				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-12	11	5	12	PU4137TRV	PU4137				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-13	11	5	13	PU4140ASTI	PU4140A				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-14	11	5	14	PU4140ATRI	PU4140A				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-15	11	5	15	PU4140ATRV	PU4140A				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-16	11	5	16	PU4140BSTI	PU4140B				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-17	11	5	17	PU4140BTRI	PU4140B				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-18	11	5	18	PU4140BTRV	PU4140B				DI	NIS								BD4-Wash & Dry		
		0201	ADV151-P	11-5-19	11	5	19	PU4211STI	PU4211				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-20	11	5	20	PU4211TRI	PU4211				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-21	11	5	21	PU4211TRV	PU4211				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-22	11	5	22	PU4213STI	PU4213				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-23	11	5	23	PU4213TRI	PU4213				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-24	11	5	24	PU4214ASTI	PU4214A				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-25	11	5	25	PU4214ATRI	PU4214A				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-26	11	5	26	PU4214ATRV	PU4214A				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-27	11	5	27	PU4233STI	PU4233				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-28	11	5	28	PU4233TRI	PU4233				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-29	11	5	29	PU4233TRV	PU4233				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-30	11	5	30	AG4213STI	AG4213				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-31	11	5	31	AG4213TRI	AG4213				DI	NIS								BD4-Rectify 1		
		0201	ADV151-P	11-5-32	11	5	32	AG4213TRV	AG4213				DI	NIS								BD4-Rectify 1		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV151-P	11-6-1	11	6	1	PU4214B1STI	PU4214B1				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-2	11	6	2	PU4214B1TRI	PU4214B1				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-3	11	6	3	PU4214B1TRV	PU4214B1				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-4	11	6	4	PU4214B2STI	PU4214B2				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-5	11	6	5	PU4214B2TRI	PU4214B2				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-6	11	6	6	PU4214B2TRV	PU4214B2				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-7	11	6	7	PU4216ASTI	PU4216A				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-8	11	6	8	PU4216ATRI	PU4216A				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-9	11	6	9	PU4216BSTI	PU4216B				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-10	11	6	10	PU4216BTRI	PU4216B				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-11	11	6	11	PU4219STI	PU4219				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-12	11	6	12	PU4219TRI	PU4219				DI	NIS								BD4-Rectify 2		
		0201	ADV151-P	11-6-13	11	6	13	PU4311STI	PU4311				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-14	11	6	14	PU4311TRI	PU4311				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-15	11	6	15	PU4311TRV	PU4311				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-16	11	6	16	PU4319ASTI	PU4319A				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-17	11	6	17	PU4319ATRI	PU4319A				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-18	11	6	18	PU4319BSTI	PU4319B				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-19	11	6	19	PU4319BTRI	PU4319B				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-20	11	6	20	PU4320STI	PU4320				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-21	11	6	21	PU4320TRI	PU4320				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-22	11	6	22	PU4320TRV	PU4320				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-23	11	6	23	PU4321STI	PU4321				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-24	11	6	24	PU4321TRI	PU4321				DI	NIS								BD4-Gly Evaporate		

		0201	ADV151-P	11-6-25	11	6	25	PU4321TRV	PU4321				DI	NIS								BD4-Gly Evaporate		
		0201	ADV151-P	11-6-26	11	6	26	PU4811BSTI	PU4811				DI	NIS										
		0201	ADV151-P	11-6-27	11	6	27	PU4811BTRI	PU4811				DI	NIS										
		0201	ADV151-P	11-6-28	11	6	28	PU4812BSTI	PU4812				DI	NIS										
		0201	ADV151-P	11-6-29	11	6	29	PU4812BTRI	PU4812				DI	NIS										
		0201	ADV151-P	11-6-30	11	6	30	SPARE					DI	NIS										
		0201	ADV151-P	11-6-31	11	6	31	SPARE					DI	NIS										
		0201	ADV151-P	11-6-32	11	6	32	SPARE					DI	NIS										
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV151-P	12-3-1	12	3	1	PU4211BSTI	PU4211B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-2	12	3	2	PU4211BTRI	PU4211B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-3	12	3	3	PU4211BTRV	PU4211B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-4	12	3	4	PU4323ASTI	PU4323A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-5	12	3	5	PU4323ATRI	PU4323A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-6	12	3	6	PU4323ATRV	PU4323A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-7	12	3	7	SPARE	SPARE				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-8	12	3	8	SPARE	SPARE				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-9	12	3	9	SPARE	SPARE				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-10	12	3	10	PU4811STI	PU4811				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-11	12	3	11	PU4811TRI	PU4811				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-12	12	3	12	PU4812STI	PU4812				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-13	12	3	13	PU4812TRI	PU4812				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-14	12	3	14	PU4822ASTI	PU4822A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-15	12	3	15	PU4822ATRI	PU4822A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-16	12	3	16	PU4822ATRV	PU4822A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-17	12	3	17	PU4822BSTI	PU4822B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-18	12	3	18	PU4822BTRI	PU4822B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-19	12	3	19	PU4822BTRV	PU4822B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-20	12	3	20	PU4823ASTI	PU4823A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-21	12	3	21	PU4823ATRI	PU4823A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-22	12	3	22	PU4823ATRV	PU4823A				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-23	12	3	23	PU4823BSTI	PU4823B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-24	12	3	24	PU4823BTRI	PU4823B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-25	12	3	25	PU4823BTRV	PU4823B				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-26	12	3	26	AG4812STI	AG4812				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-27	12	3	27	AG4812TRI	AG4812				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-28	12	3	28	AG4812TRV	AG4812				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-29	12	3	29	AG4823STI	AG4823				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-30	12	3	30	AG4823TRI	AG4823				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-31	12	3	31	AG4323STI	AG4323				DI	NIS								BD4-Process Tank		
		0201	ADV151-P	12-3-32	12	3	32	AG4323TRI	AG4323				DI	NIS								BD4-Process Tank		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV151-P	12-4-1	12	4	1	BDUPS-FAIL	BDUPS-FAIL				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-2	12	4	2	BDUPS-BYPASS	BDUPS-BYPASS				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-3	12	4	3	BDUPS-LINELOSS	BDUPS-LINELOSS				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-4	12	4	4	PU4932STI	PU4932				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-5	12	4	5	PU4932TRI					DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-6	12	4	6	PU4970STI	PU4970				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-7	12	4	7	PU4970TRI					DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-8	12	4	8	SPARE	SPARE				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-9	12	4	9	SPARE	SPARE				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-10	12	4	10	SPARE	SPARE				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-11	12	4	11	PU4801ASTI	PU4801A				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-12	12	4	12	PU4801ATRI	PU4801A				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-13	12	4	13	PU4801ATRV	PU4801A				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-14	12	4	14	PU4801BSTI	PU4801B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-15	12	4	15	PU4801BTRI	PU4801B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-16	12	4	16	PU4801BTRV	PU4801B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-17	12	4	17	PU4802STI	PU4802				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-18	12	4	18	PU4802TRI	PU4802				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-19	12	4	19	PU4831STI	PU4831				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-20	12	4	20	PU4831TRI	PU4831				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-21	12	4	21	PU92001STI	PU92001				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-22	12	4	22	PU92001TRI	PU92001				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-23	12	4	23	PU92003STI	PU92003				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-24	12	4	24	PU92003TRI	PU92003				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-25	12	4	25	PU92005STI	PU92005				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-26	12	4	26	PU92005TRI	PU92005				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-27	12	4	27	PU92006STI	PU92006				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-28	12	4	28	PU92006TRI	PU92006				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-29	12	4	29	PU92007STI	PU92007				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-30	12	4	30	PU92007TRI	PU92007				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-31	12	4	31	PU92008ASTI	PU92008A				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-4-32	12	4	32	PU92008ATRI	PU92008A				DI	NIS								BD4&5-Tank Farm		

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV151-P	12-5-1	12	5	1	PU92008BSTI	PU92008B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-2	12	5	2	PU92008BTRI	PU92008B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-3	12	5	3	PU92009STI	PU92009				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-4	12	5	4	PU92009TRI	PU92009				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-5	12	5	5	PU4931ASTI	PU4931A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-6	12	5	6	PU4931ATRI	PU4931A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-7	12	5	7	PU4931BSTI	PU4931B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-8	12	5	8	PU4931BTRI	PU4931B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-9	12	5	9	PU4937ASTI	PU4937A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-10	12	5	10	PU4937ATRI	PU4937A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-11	12	5	11	PU4937BSTI	PU4937B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-12	12	5	12	PU4937BTRI	PU4937B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-13	12	5	13	PU4961ASTI	PU4961A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-14	12	5	14	PU4961ATRI	PU4961A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-15	12	5	15	PU4961BSTI	PU4961B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-16	12	5	16	PU4961BTRI	PU4961B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-17	12	5	17	PU4961CSTI	PU4961C				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-18	12	5	18	PU4961CTRI	PU4961C				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-19	12	5	19	CT4961ASTI	CT4961A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-20	12	5	20	CT4961ATRI	CT4961A				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-21	12	5	21	CT4961BSTI	CT4961B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-22	12	5	22	CT4961BTRI	CT4961B				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-23	12	5	23	CT4961CSTI	CT4961C				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-24	12	5	24	CT4961CTRI	CT4961C				DI	NIS								BD4-Utility 1		
		0201	ADV151-P	12-5-25	12	5	25	PU5801ASTI	PU5801A				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-26	12	5	26	PU5801ATRI	PU5801A				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-27	12	5	27	PU5801ATRV	PU5801A				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-28	12	5	28	PU5801BSTI	PU5801B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-29	12	5	29	PU5801BTRI	PU5801B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-30	12	5	30	PU5801BTRV	PU5801B				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-31	12	5	31	SPARE	SPARE				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-5-32	12	5	32	SPARE	SPARE				DI	NIS								BD4&5-Tank Farm		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				Plant	Remarks	Comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV151-P	12-6-1	12	6	1	SPARE	LSH5832				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-6-2	12	6	2	PU5802STI	PU5802				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-6-3	12	6	3	PU5802TRI	PU5802				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-6-4	12	6	4	PU5831STI	PU5831				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-6-5	12	6	5	PU5831TRI	PU5831				DI	NIS								BD4&5-Tank Farm		
		0201	ADV151-P	12-6-6	12	6	6	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-7	12	6	7	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-8	12	6	8	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-9	12	6	9	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-10	12	6	10	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-11	12	6	11	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-12	12	6	12	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-13	12	6	13	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-14	12	6	14	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-15	12	6	15	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-16	12	6	16	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-17	12	6	17	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-18	12	6	18	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-19	12	6	19	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-20	12	6	20	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-21	12	6	21	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-22	12	6	22	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-23	12	6	23	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-24	12	6	24	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-25	12	6	25	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-26	12	6	26	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-27	12	6	27	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-28	12	6	28	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-29	12	6	29	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-30	12	6	30	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-31	12	6	31	SPARE	SPARE				DI	NIS										
		0201	ADV151-P	12-6-32	12	6	32	SPARE	SPARE				DI	NIS										

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD533-S	2-1-1	2	1	1	SPARE	SPARE				DO	IS								BD4-Transester 1		
		0201	ASD533-S	2-1-2	2	1	2	SPARE	SPARE				DO	IS								BD4-Transester 1		
		0201	ASD533-S	2-1-3	2	1	3	SV4211O	SV4211				DO	IS								BD4-Transester 1		
		0201	ASD533-S	2-1-4	2	1	4	SV4310O	SV4310				DO	IS								BD4-Transester 1		
		0201	ASD533-S	2-1-5	2	1	5	SV4811AO	SV4811A				DO	IS								BD4-Transester 1		
		0201	ASD533-S	2-1-6	2	1	6	SV4811BO	SV4811B				DO	IS								BD4-Transester 1		
		0201	ASD533-S	2-1-7	2	1	7	SV4812AO	SV4812A				DO	IS								BD4-Transester 1		
		0201	ASD533-S	2-1-8	2	1	8	SV4812BO	SV4812B				DO	IS								BD4-Transester 1		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD533-S	2-2-1	2	2	1	SPARE	SPARE				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-2-2	2	2	2	SPARE	SPARE				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-2-3	2	2	3	SV4210AO	SV4210A				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-2-4	2	2	4	SV4210BO	SV4210B				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-2-5	2	2	5	SV4210A1-1O	SV4210A11				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-2-6	2	2	6	SV4210A1-2O	SV4210A12				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-2-7	2	2	7	SV4210A2O	SV4210A2				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-2-8	2	2	8	SV4210B1O	SV4210B1				DO	IS								BD4-Transester 2		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD533-S	2-3-1	2	3	1	SV4210B2O	SV4210B2				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-3-2	2	3	2	SV4821O	SV4821				DO	IS								BD4-Transester 2		
		0201	ASD533-S	2-3-3	2	3	3	SPARE	SPARE				DO	IS								BD4-Wash & Dry		
		0201	ASD533-S	2-3-4	2	3	4	SPARE	SPARE				DO	IS								BD4-Wash & Dry		
		0201	ASD533-S	2-3-5	2	3	5	SPARE	SPARE				DO	IS								BD4-Wash & Dry		
		0201	ASD533-S	2-3-6	2	3	6	SPARE	SPARE				DO	IS								BD4-Wash & Dry		
		0201	ASD533-S	2-3-7	2	3	7	SV4822AV1O	SV4822AV1				DO	IS								BD4-Rectify 1		
		0201	ASD533-S	2-3-8	2	3	8	SV4822AO	SV4822A				DO	IS								BD4-Rectify 1		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD533-S	3-1-1	3	1	1	SV4822BV1O	SV4822BV1				DO	IS								BD4-Rectify 1		
		0201	ASD533-S	3-1-2	3	1	2	SV4822BO	SV4822B				DO	IS								BD4-Rectify 1		
		0201	ASD533-S	3-1-3	3	1	3	SV4823O	SV4823				DO	IS								BD4-Rectify 2		
		0201	ASD533-S	3-1-4	3	1	4	SV4823AV1O	SV4823AV1				DO	IS								BD4-Rectify 2		
		0201	ASD533-S	3-1-5	3	1	5	SV4823AO	SV4823A				DO	IS								BD4-Rectify 2		
		0201	ASD533-S	3-1-6	3	1	6	SV4823BV1O	SV4823BV1				DO	IS								BD4-Rectify 2		
		0201	ASD533-S	3-1-7	3	1	7	SV4823BO	SV4823B				DO	IS								BD4-Rectify 2		
		0201	ASD533-S	3-1-8	3	1	8	SV4900O	SV4900				DO	IS								BD4-Utility 1		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ASD533-S	3-2-1	3	2	1	SV4961O	SV4961				DO	IS								BD4-Utility 1		
		0201	ASD533-S	3-2-2	3	2	2	SV4801AO	SV4801A				DO	IS								BD4&5-Tank Farm		
		0201	ASD533-S	3-2-3	3	2	3	SV4801BO	SV4801B				DO	IS								BD4&5-Tank Farm		
		0201	ASD533-S	3-2-4	3	2	4	SV4821AO	SV4821A				DO	IS								BD4-Transester 2		
		0201	ASD533-S	3-2-5	3	2	5	SV4821BO	SV4821B				DO	IS								BD4-Transester 2		
		0201	ASD533-S	3-2-6	3	2	6	SPARE	SPARE				DO	IS										
		0201	ASD533-S	3-2-7	3	2	7	SPARE	SPARE				DO	IS										
		0201	ASD533-S	3-2-8	3	2	8	SPARE	SPARE				DO	IS										
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV551-P	13-4-1	13	4	1	PU4112O	PU4112				DO	IS								BD4-Transester 1		
		0201	ADV551-P	13-4-2	13	4	2	PU4126O	PU4126				DO	IS								BD4-Transester 1		
		0201	ADV551-P	13-4-3	13	4	3	MX4123O	MX4123				DO	IS								BD4-Transester 1		
		0201	ADV551-P	13-4-4	13	4	4	MX4128O	MX4128				DO	IS								BD4-Transester 1		
		0201	ADV551-P	13-4-5	13	4	5	AG4122O	AG4122				DO	IS								BD4-Transester 1		
		0201	ADV551-P	13-4-6	13	4	6	AG4123O	AG4123				DO	IS								BD4-Transester 1		
		0201	ADV551-P	13-4-7	13	4	7	PU4210AO	PU4210A				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-8	13	4	8	PU4210BO	PU4210B				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-9	13	4	9	PU4310O	PU4310				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-10	13	4	10	PU4132O	PU4132				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-11	13	4	11	PU4160AO	PU4160A				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-12	13	4	12	PU4160BO	PU4160B				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-13	13	4	13	PU4821AO	PU4821A				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-14	13	4	14	PU4821BO	PU4821B				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-15	13	4	15	MX4134O	MX4134				DO	IS								BD4-Transester 2		
		0201	ADV551-P	13-4-16	13	4	16	PU4137O	PU4137				DO	IS								BD4-Wash & Dry		
		0201	ADV551-P	13-4-17	13	4	17	PU4140AO	PU4140A				DO	IS								BD4-Wash & Dry		
		0201	ADV551-P	13-4-18	13	4	18	PU4140BO	PU4140B				DO	IS								BD4-Wash & Dry		
		0201	ADV551-P	13-4-19	13	4	19	PU4211O	PU4211				DO	IS								BD4-Rectify 1		
		0201	ADV551-P	13-4-20	13	4	20	PU4213O	PU4213				DO	IS								BD4-Rectify 1		
		0201	ADV551-P	13-4-21	13	4	21	PU4214AO	PU4214A				DO	IS								BD4-Rectify 1		
		0201	ADV551-P	13-4-22	13	4	22	PU4233O	PU4233				DO	IS								BD4-Rectify 1		
		0201	ADV551-P	13-4-23	13	4	23	AG4213O	AG4213				DO	IS								BD4-Rectify 1		
		0201	ADV551-P	13-4-24	13	4	24	PU4214B1O	PU4214B1				DO	IS								BD4-Rectify 2		
		0201	ADV551-P	13-4-25	13	4	25	PU4214B2O	PU4214B2				DO	IS								BD4-Rectify 2		
		0201	ADV551-P	13-4-26	13	4	26	PU4216AO	PU4216A				DO	IS								BD4-Rectify 2		
		0201	ADV551-P	13-4-27	13	4	27	PU4216BO	PU4216B				DO	IS								BD4-Rectify 2		
		0201	ADV551-P	13-4-28	13	4	28	PU4219O	PU4219				DO	IS								BD4-Rectify 2		
		0201	ADV551-P	13-4-29	13	4	29	PU4311O	PU4311				DO	IS								BD4-Gly Evaporate		
		0201	ADV551-P	13-4-30	13	4	30	PU4319AO	PU4319A				DO	IS								BD4-Gly Evaporate		
		0201	ADV551-P	13-4-31	13	4	31	PU4319BO	PU4319B				DO	IS								BD4-Gly Evaporate		
		0201	ADV551-P	13-4-32	13	4	32	PU4320O	PU4320				DO	IS								BD4-Gly Evaporate		

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV551-P	13-5-1	13	5	1	PU4321O	PU4321				DO	IS								BD4-Gly Evaporate		
		0201	ADV551-P	13-5-2	13	5	2	PU4211BO	PU4211B				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-3	13	5	3	PU4803O	PU4803				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-4	13	5	4	PU4804O	PU4804				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-5	13	5	5	PU4811O	PU4811				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-6	13	5	6	PU4812O	PU4812				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-7	13	5	7	PU4822AO	PU4822A				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-8	13	5	8	PU4822BO	PU4822B				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-9	13	5	9	PU4823AO	PU4823A				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-10	13	5	10	PU4823BO	PU4823B				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-11	13	5	11	PU4824O	PU4824				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-12	13	5	12	AG4812O	AG4812				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-13	13	5	13	AG4823O	AG4823A				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-14	13	5	14	AG4323O	AG4823B				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-15	13	5	15	PU4323AO	PU4323A				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-16	13	5	16	SPARE	SPARE				DO	IS								BD4-Process Tank		
		0201	ADV551-P	13-5-17	13	5	17	PU4801AO	PU4801A				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-18	13	5	18	PU4801BO	PU4801B				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-19	13	5	19	PU4802O	PU4802				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-20	13	5	20	PU4831O	PU4831				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-21	13	5	21	PU92001O	PU92001				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-22	13	5	22	PU92003O	PU92003				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-23	13	5	23	PU92005O	PU92005				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-24	13	5	24	PU92006O	PU92006				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-25	13	5	25	PU92007O	PU92007				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-26	13	5	26	PU92008AO	PU92008A				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-27	13	5	27	PU92008BO	PU92008B				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-28	13	5	28	PU92009O	PU92009				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-29	13	5	29	PU5801AO	PU5801A				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-30	13	5	30	PU5801BO	PU5801B				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-31	13	5	31	PU5802O	PU5802				DO	IS								BD4&5-Tank Farm		
		0201	ADV551-P	13-5-32	13	5	32	PU5831O	PU5831				DO	IS								BD4&5-Tank Farm		
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	comment
															Lower	Upper	Units	LL	L	H	HH			
		0201	ADV551-P	13-6-1	13	6	1	PU4931AO	PU4931A				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-2	13	6	2	PU4931BO	PU4931B				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-3	13	6	3	PU4937AO	PU4937A				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-4	13	6	4	PU4937BO	PU4937B				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-5	13	6	5	PU4961AO	PU4961A				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-6	13	6	6	PU4961BO	PU4961B				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-7	13	6	7	PU4961CO	PU4961C				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-8	13	6	8	CT4961AO	CT4961A				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-9	13	6	9	CT4961BO	CT4961B				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-10	13	6	10	CT4961CO	CT4961C				DO	IS								BD4-Utility 1		
		0201	ADV551-P	13-6-11	13	6	11	PU4811BO	PU4811B				DO	IS										
		0201	ADV551-P	13-6-12	13	6	12	PU4812BO	PU4812B				DO	IS										
		0201	ADV551-P	13-6-13	13	6	13	FCS0201ALMSW	FCS0201ALMSW	PROCESS ALRM OUTPUT FOR FCS0201	PROCESS ALRM	OUTPUT FOR	DO	IS										
		0201	ADV551-P	13-6-14	13	6	14	PU4932O	PU4932				DO	IS										
		0201	ADV551-P	13-6-15	13	6	15	PU4970O	PU4970				DO	IS										
		0201	ADV551-P	13-6-16	13	6	16	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-17	13	6	17	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-18	13	6	18	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-19	13	6	19	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-20	13	6	20	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-21	13	6	21	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-22	13	6	22	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-23	13	6	23	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-24	13	6	24	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-25	13	6	25	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-26	13	6	26	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-27	13	6	27	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-28	13	6	28	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-29	13	6	29	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-30	13	6	30	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-31	13	6	31	SPARE	SPARE				DO	IS										
		0201	ADV551-P	13-6-32	13	6	32	SPARE	SPARE				DO	IS										

FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	1-1-1	1	1	1	FT4128	FI4128	%%FT4128				AI	IS								BD4-Transester 1		
0201	ASI133-H	1-1-2	1	1	2	FT4310	FI4310	%%FT4310				AI	IS								BD4-Transester 1		
0201	ASI133-H	1-1-3	1	1	3	FT4801	FIC4801	%%FT4801				AI	IS								BD4-Transester 1		
0201	ASI133-H	1-1-4	1	1	4	FT4811A	FIC4811A	%%FT4811A				AI	IS								BD4-Transester 1		
0201	ASI133-H	1-1-5	1	1	5	FT4811B	FIC4811B	%%FT4811B				AI	IS								BD4-Transester 1		
0201	ASI133-H	1-1-6	1	1	6	FT4812A	FIC4812A	%%FT4812A				AI	IS								BD4-Transester 1		
0201	ASI133-H	1-1-7	1	1	7	FT4812B	FIC4812B	%%FT4812B				AI	IS								BD4-Transester 1		
0201	ASI133-H	1-1-8	1	1	8	PT4122	PI4122	%%PT4122				AI	IS	0,0	10,0	barg					BD4-Transester 1		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	1-2-1	1	2	1	PT4123	PI4123	%%PT4123				AI	IS	0,0	10,0	barg					BD4-Transester 1		
0201	ASI133-H	1-2-2	1	2	2	PT4124	PI4124	%%PT4124				AI	IS	0,0	3,0	barg					BD4-Transester 1		
0201	ASI133-H	1-2-3	1	2	3	PT4125	PI4125	%%PT4125				AI	IS	0,0	3,0	barg					BD4-Transester 1		
0201	ASI133-H	1-2-4	1	2	4	PT4127	PIC4127	%%PT4127				AI	IS	0,0	10,0	barg					BD4-Transester 1		
0201	ASI133-H	1-2-5	1	2	5	TT4123	TI4123	%%TT4123				AI	IS	0,0	100,0	°C					BD4-Transester 1		
0201	ASI133-H	1-2-6	1	2	6	TT4123A	TIC4123A	%%TT4123A				AI	IS	0,0	100,0	°C					BD4-Transester 1		
0201	ASI133-H	1-2-7	1	2	7	TT4123B	TIC4123B	%%TT4123B				AI	IS	0,0	100,0	°C					BD4-Transester 1		
0201	ASI133-H	1-2-8	1	2	8	TT4123A1	TIC4123A1	%%TT4123A1				AI	IS								BD4-Transester 1		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	1-3-1	1	3	1	TT4129	TIC4129	%%TT4129				AI	IS	0,0	100,0	°C					BD4-Transester 1		
0201	ASI133-H	1-3-2	1	3	2	LT4111	LI4111	%%LT4111				AI	IS	0,0	100,0	%					BD4-Transester 1		
0201	ASI133-H	1-3-3	1	3	3	LT4112	LI4112	%%LT4112				AI	IS	0,0	100,0	%					BD4-Transester 1		
0201	ASI133-H	1-3-4	1	3	4	LT4124A	LIC4124A	%%LT4124A				AI	IS	0,0	100,0	%					BD4-Transester 1		
0201	ASI133-H	1-3-5	1	3	5	LT4125A	LIC4125A	%%LT4125A				AI	IS	0,0	100,0	%					BD4-Transester 1		
0201	ASI133-H	1-3-6	1	3	6	LT4125B	LIC4125B	%%LT4125B				AI	IS	0,0	100,0	%					BD4-Transester 1		
0201	ASI133-H	1-3-7	1	3	7	LT4211	LIC4211	%%LT4211				AI	IS	0,0	100,0	%					BD4-Transester 1		
0201	ASI133-H	1-3-8	1	3	8	PH4821	PH4821	%%PH4821				AI	IS	0,0	12,0	PH					BD4-Transester 1		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	1-4-1	1	4	1	SPARE	SPARE					AI	IS										
0201	ASI133-H	1-4-2	1	4	2	SPARE	SPARE					AI	IS										
0201	ASI133-H	1-4-3	1	4	3	SPARE	SPARE					AI	IS										
0201	ASI133-H	1-4-4	1	4	4	SPARE	SPARE					AI	IS										
0201	ASI133-H	1-4-5	1	4	5	SPARE	SPARE					AI	IS										
0201	ASI133-H	1-4-6	1	4	6	SPARE	SPARE					AI	IS										
0201	ASI133-H	1-4-7	1	4	7	SPARE	SPARE					AI	IS										
0201	ASI133-H	1-4-8	1	4	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	4-1-1	4	1	1	FT4210A1	FIC4210A1	%%FT4210A1				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-1-2	4	1	2	FT4210A2	FIC4210A2	%%FT4210A2				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-1-3	4	1	3	FT4210B1	FIC4210B1	%%FT4210B1				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-1-4	4	1	4	FT4210B2	FIC4210B2	%%FT4210B2				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-1-5	4	1	5	FT4821	FIC4821	%%FT4821				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-1-6	4	1	6	PT4130	PI4130	%%PT4130				AI	IS	0,0	3,0	barg					BD4-Transester 2		
0201	ASI133-H	4-1-7	4	1	7	PT4131	PI4131	%%PT4131				AI	IS	0,0	3,0	barg					BD4-Transester 2		
0201	ASI133-H	4-1-8	4	1	8	PT4133	PIC4133	%%PT4133				AI	IS	0,0	10,0	barg					BD4-Transester 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	4-2-1	4	2	1	PT4160	PI4160	%%PT4160				AI	IS	0,0	2,0	barg					BD4-Transester 2		
0201	ASI133-H	4-2-2	4	2	2	TIC4140	TIC4140	%%TIC4140				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-2-3	4	2	3	TT4160	TI4160	%%TT4160				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-2-4	4	2	4	TT4210A	TIC4210A	%%TT4210A				AI	IS	0,0	100,0	°C					BD4-Transester 2		
0201	ASI133-H	4-2-5	4	2	5	TT4210B	TIC4210B	%%TT4210B				AI	IS	0,0	100,0	°C					BD4-Transester 2		
0201	ASI133-H	4-2-6	4	2	6	LT4130A	LIC4130A	%%LT4130A				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-2-7	4	2	7	LT4131A	LIC4131A	%%LT4131A				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-2-8	4	2	8	LT4131B	LIC4131B	%%LT4131B				AI	IS								BD4-Transester 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	4-3-1	4	3	1	LT4160	LIC4160	%%LT4160				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-3-2	4	3	2	LT4210A	LIC4210A	%%LT4210A				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-3-3	4	3	3	LT4210B	LIC4210B	%%LT4210B				AI	IS								BD4-Transester 2		
0201	ASI133-H	4-3-4	4	3	4	PT4903	PI4903	%%PT4903				AI	IS										
0201	ASI133-H	4-3-5	4	3	5	PT4904	PI4904	%%PT4904				AI	IS										
0201	ASI133-H	4-3-6	4	3	6	SPARE						AI	IS										
0201	ASI133-H	4-3-7	4	3	7	SPARE						AI	IS										
0201	ASI133-H	4-3-8	4	3	8	SPARE						AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	5-1-1	5	1	1	FT4150	FI4150	%%FT4150				AI	IS								BD4-Wash & Dry		
0201	ASI133-H	5-1-2	5	1	2	PT4140	PI4140	%%PT4140				AI	IS	0,0	2,0	barg					BD4-Wash & Dry		
0201	ASI133-H	5-1-3	5	1	3	TT4139	TIC4139	%%TT4139				AI	IS	0,0	200,0	°C					BD4-Wash & Dry		
0201	ASI133-H	5-1-4	5	1	4	TT4140	TI4140	%%TT4140				AI	IS	0,0	200,0	°C					BD4-Wash & Dry		
0201	ASI133-H	5-1-5	5	1	5	TT4150	TI4150	%%TT4150				AI	IS	0,0	100,0	°C					BD4-Wash & Dry		
0201	ASI133-H	5-1-6	5	1	6	LT4137	LIC4137	%%LT4137				AI	IS								BD4-Wash & Dry		
0201	ASI133-H	5-1-7	5	1	7	LT4140	LICA4140	%%LT4140				AI	IS								BD4-Wash & Dry		
0201	ASI133-H	5-1-8	5	1	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	5-2-1	5	2	1	FT4211	FIC4211	%%FT4211				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-2-2	5	2	2	FT4233	FIC4233	%%FT4233				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-2-3	5	2	3	FT4236	FI4236	%%FT4236				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-2-4	5	2	4	FT4822	FIC4822	%%FT4822				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-2-5	5	2	5	PT4144	PI4144	%%PT4144				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-2-6	5	2	6	PT4233	PI4233	%%PT4233				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-2-7	5	2	7	TT4212	TIC4212	%%TT4212				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-2-8	5	2	8	TT4213	TIC4213	%%TT4213				AI	IS								BD4-Rectify 1		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	5-3-1	5	3	1	TT4232	TIC4232	%%TT4232				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-3-2	5	3	2	TT4236	TI4236	%%TT4236				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-3-3	5	3	3	LT4214A	LIC4214A	%%LT4214A				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-3-4	5	3	4	LT4214B	LIC4214B	%%LT4214B				AI	IS								BD4-Rectify 1		

0201	ASI133-H	5-3-5	5	3	5	LT4233	LIC4233	%%LT4233				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-3-6	5	3	6	PH4822A	PH4822A	%%PH4822A				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-3-7	5	3	7	PH4822B	PH4822B	%%PH4822B				AI	IS								BD4-Rectify 1		
0201	ASI133-H	5-3-8	5	3	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	6-1-1	6	1	1	FT4215	FI4215	%%FT4215				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-1-2	6	1	2	FT4216	FIC4216	%%FT4216				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-1-3	6	1	3	FT4217	FI4217	%%FT4217				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-1-4	6	1	4	FT4219	FIC4219	%%FT4219				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-1-5	6	1	5	FT4220	FI4220	%%FT4220				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-1-6	6	1	6	FT4823	FIC4823	%%FT4823				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-1-7	6	1	7	PT4216A	PI4216A	%%PT4216A				AI	IS	0,0	1,5	barg					BD4-Rectify 2		
0201	ASI133-H	6-1-8	6	1	8	PT4216B	PI4216B	%%PT4216B				AI	IS	0,0	1,5	barg					BD4-Rectify 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	6-2-1	6	2	1	TT4210	TI4210	%%TT4210				AI	IS	0,0	150,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-2-2	6	2	2	TT4216A	TI4216A	%%TT4216A				AI	IS	0,0	150,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-2-3	6	2	3	TT4216B	TI4216B	%%TT4216B				AI	IS	0,0	150,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-2-4	6	2	4	TT4216C	TI4216C	%%TT4216C				AI	IS	0,0	150,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-2-5	6	2	5	TT4216D	TI4216D	%%TT4216D				AI	IS	0,0	150,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-2-6	6	2	6	TT4216E	TI4216E	%%TT4216E				AI	IS	0,0	150,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-2-7	6	2	7	TT4216F	TI4216F	%%TT4216F				AI	IS	0,0	150,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-2-8	6	2	8	TT4216G	TIC4216G	%%TT4216G				AI	IS	0,0	100,0	°C					BD4-Rectify 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	6-3-1	6	3	1	TT4216H	TI4216H	%%TT4216H				AI	IS	0,0	100,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-3-2	6	3	2	TT4216I	TI4216I	%%TT4216I				AI	IS	0,0	100,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-3-3	6	3	3	TT4217	TIC4217	%%TT4217				AI	IS	0,0	100,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-3-4	6	3	4	TT4218	TI4218	%%TT4218				AI	IS	0,0	100,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-3-5	6	3	5	TT4219	TI4219	%%TT4219				AI	IS	0,0	100,0	°C					BD4-Rectify 2		
0201	ASI133-H	6-3-6	6	3	6	LT4216	LIC4216	%%LT4216				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-3-7	6	3	7	LT4219	LIC4219	%%LT4219				AI	IS								BD4-Rectify 2		
0201	ASI133-H	6-3-8	6	3	8	LT4311	LIC4311	%%LT4311				AI	IS	0,0	2500,0	mmH2O					BD4-Rectify 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	7-1-1	7	1	1	PH4823A	PH4823A	%%PH4823A				AI	IS								BD4-Rectify 2		
0201	ASI133-H	7-1-2	7	1	2	PH4823B	PH4823B	%%PH4823B				AI	IS								BD4-Rectify 2		
0201	ASI133-H	7-1-3	7	1	3	FT4311	FI4311	%%FT4311				AI	IS								BD4-Gly Evaporate		
0201	ASI133-H	7-1-4	7	1	4	FT4314	FI4314	%%FT4314				AI	IS								BD4-Gly Evaporate		
0201	ASI133-H	7-1-5	7	1	5	FT4319	FI4319	%%FT4319				AI	IS								BD4-Gly Evaporate		
0201	ASI133-H	7-1-6	7	1	6	PT4318	PI4318	%%PT4318				AI	IS	0,0	1,5	barg					BD4-Gly Evaporate		
0201	ASI133-H	7-1-7	7	1	7	TT4312	TI4312	%%TT4312				AI	IS	0,0	150,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-1-8	7	1	8	TT4313	TI4313	%%TT4313				AI	IS	0,0	200,0	°C					BD4-Gly Evaporate		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	7-2-1	7	2	1	TT4315A	TI4315A	%%TT4315A				AI	IS	0,0	200,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-2-2	7	2	2	TT4315B	TI4315B	%%TT4315B				AI	IS	0,0	200,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-2-3	7	2	3	TT4317A	TI4317A	%%TT4317A				AI	IS	0,0	200,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-2-4	7	2	4	TT4317B	TI4317B	%%TT4317B				AI	IS	0,0	200,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-2-5	7	2	5	TT4318A	TIC4318A	%%TT4318A				AI	IS	0,0	200,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-2-6	7	2	6	TT4318B	TI4318B	%%TT4318B				AI	IS	0,0	150,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-2-7	7	2	7	TT4320	TI4320	%%TT4320				AI	IS	0,0	150,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-2-8	7	2	8	TT4321	TI4321	%%TT4321				AI	IS	0,0	150,0	°C					BD4-Gly Evaporate		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	7-3-1	7	3	1	TT4970	TI4970	%%TT4970				AI	IS	0,0	100,0	°C					BD4-Gly Evaporate		
0201	ASI133-H	7-3-2	7	3	2	LT4319	LIC4319	%%LT4319				AI	IS								BD4-Gly Evaporate		
0201	ASI133-H	7-3-3	7	3	3	LT4320	LIC4320	%%LT4320				AI	IS								BD4-Gly Evaporate		
0201	ASI133-H	7-3-4	7	3	4	LT4321	LIC4321	%%LT4321				AI	IS								BD4-Gly Evaporate		
0201	ASI133-H	7-3-5	7	3	5	LT4970	LI4970	%%LT4970				AI	IS								BD4-Gly Evaporate		
0201	ASI133-H	7-3-6	7	3	6	LT4211B	LI4211B	%%LT4211B				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-3-7	7	3	7	LT4811	LI4811	%%LT4811				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-3-8	7	3	8	LT4811B	LI4811B	%%LT4811B				AI	IS								BD4-Process Tank		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	7-4-1	7	4	1	LT4812	LI4812	%%LT4812				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-4-2	7	4	2	LT4822	LI4822	%%LT4822				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-4-3	7	4	3	LT4823	LI4823	%%LT4823				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-4-4	7	4	4	LT4824	LI4824	%%LT4824				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-4-5	7	4	5	TT4211B	TI4211B	%%TT4211B				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-4-6	7	4	6	TT4811	TI4811	%%TT4811				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-4-7	7	4	7	TT4811B	TI4811B	%%TT4811B				AI	IS								BD4-Process Tank		
0201	ASI133-H	7-4-8	7	4	8	TT4812	TI4812	%%TT4812				AI	IS								BD4-Process Tank		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	8-1-1	8	1	1	SPARE						AI	IS								BD4-Process Tank		
0201	ASI133-H	8-1-2	8	1	2	SPARE						AI	IS								BD4-Process Tank		
0201	ASI133-H	8-1-3	8	1	3	SPARE						AI	IS								BD4-Process Tank		
0201	ASI133-H	8-1-4	8	1	4	LT92001	LI92001	%%LT92001				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-1-5	8	1	5	LT92002	LI92002	%%LT92002				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-1-6	8	1	6	LT92003	LI92003	%%LT92003				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-1-7	8	1	7	LT92004	LI92004	%%LT92004				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-1-8	8	1	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	8-2-1	8	2	1	TT92001A	TI92001A	%%TT92001A				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-2-2	8	2	2	TT92001B	TI92001B	%%TT92001B				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-2-3	8	2	3	TT92001C	TI92001C	%%TT92001C				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-2-4	8	2	4	TT92001D	TI92001D	%%TT92001D				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-2-5	8	2	5	TT92002A	TI92002A	%%TT92002A				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-2-6	8	2	6	TT92002B	TI92002B	%%TT92002B				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-2-7	8	2	7	TT92002C	TI92002C	%%TT92002C				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-2-8	8	2	8	TT92002D	TI92002D	%%TT92002D				AI	IS								BD4&5-Tank Farm		

FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	8-3-1	8	3	1	TT92003A	TI92003A	%%TT92003A				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-3-2	8	3	2	TT92003B	TI92003B	%%TT92003B				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-3-3	8	3	3	TT92003C	TI92003C	%%TT92003C				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-3-4	8	3	4	TT92003D	TI92003D	%%TT92003D				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-3-5	8	3	5	TT92004A	TI92004A	%%TT92004A				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-3-6	8	3	6	TT92004B	TI92004B	%%TT92004B				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-3-7	8	3	7	TT92004C	TI92004C	%%TT92004C				AI	IS								BD4&5-Tank Farm		
0201	ASI133-H	8-3-8	8	3	8	TT92004D	TI92004D	%%TT92004D				AI	IS								BD4&5-Tank Farm		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	9-1-1	9	1	1	FT4901	FI4901	%%FT4901				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-1-2	9	1	2	FT4902	FI4902	%%FT4902				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-1-3	9	1	3	PT4901	PIC4901	%%PT4901				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-1-4	9	1	4	PT4902	PIC4902	%%PT4902				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-1-5	9	1	5	PT4961	PI4961	%%PT4961				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-1-6	9	1	6	TT4937	TI4937	%%TT4937				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-1-7	9	1	7	TT4938	TIC4938	%%TT4938				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-1-8	9	1	8	TT4961A	TI4961A	%%TT4961A				AI	IS								BD4-Utility 1		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	9-2-1	9	2	1	TT4961B	TI4961B	%%TT4961B				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-2-2	9	2	2	LT4931	LIC4931	%%LT4931				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-2-3	9	2	3	LT4937	LIC4937	%%LT4937				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-2-4	9	2	4	FT4961	FI4961	%%FT4961				AI	IS								BD4-Utility 1		
0201	ASI133-H	9-2-5	9	2	5	SPARE	SPARE					AI	IS								BD4-Process Tank		
0201	ASI133-H	9-2-6	9	2	6	SPARE	SPARE					AI	IS								BD4-Process Tank		
0201	ASI133-H	9-2-7	9	2	7	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-2-8	9	2	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	9-3-1	9	3	1	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-3-2	9	3	2	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-3-3	9	3	3	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-3-4	9	3	4	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-3-5	9	3	5	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-3-6	9	3	6	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-3-7	9	3	7	SPARE	SPARE					AI	IS										
0201	ASI133-H	9-3-8	9	3	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	10-1-1	10	1	1	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-1-2	10	1	2	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-1-3	10	1	3	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-1-4	10	1	4	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-1-5	10	1	5	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-1-6	10	1	6	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-1-7	10	1	7	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-1-8	10	1	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	10-2-1	10	2	1	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-2-2	10	2	2	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-2-3	10	2	3	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-2-4	10	2	4	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-2-5	10	2	5	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-2-6	10	2	6	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-2-7	10	2	7	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-2-8	10	2	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	ASI133-H	10-3-1	10	3	1	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-3-2	10	3	2	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-3-3	10	3	3	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-3-4	10	3	4	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-3-5	10	3	5	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-3-6	10	3	6	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-3-7	10	3	7	SPARE	SPARE					AI	IS										
0201	ASI133-H	10-3-8	10	3	8	SPARE	SPARE					AI	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	AAI143-H	11-1-1	11	1	1	VFDI-PU4126	VFD-PU4126	%%VFDI-PU4126				AI	NIS								BD4-Transester 1		
0201	AAI143-H	11-1-2	11	1	2	VFDI-MX4123	VFD-MX4123	%%VFDI-MX4123				AI	NIS								BD4-Transester 1		
0201	AAI143-H	11-1-3	11	1	3	VFDI-MX4128	VFD-MX4128	%%VFDI-MX4128				AI	NIS								BD4-Transester 1		
0201	AAI143-H	11-1-4	11	1	4	VFDI-AG4122	VFD-AG4122	%%VFDI-AG4122				AI	NIS								BD4-Transester 1		
0201	AAI143-H	11-1-5	11	1	5	VFDI-AG4123	VFD-AG4123	%%VFDI-AG4123				AI	NIS								BD4-Transester 1		
0201	AAI143-H	11-1-6	11	1	6	VFDI-PU4132	VFD-PU4132	%%VFDI-PU4132				AI	NIS								BD4-Transester 2		
0201	AAI143-H	11-1-7	11	1	7	VFDI-PU4160A	VFD-PU4160A	%%VFDI-PU4160A				AI	NIS								BD4-Transester 2		
0201	AAI143-H	11-1-8	11	1	8	VFDI-PU4160B	VFD-PU4160B	%%VFDI-PU4160B				AI	NIS								BD4-Transester 2		
0201	AAI143-H	11-1-9	11	1	9	VFDI-PU4821A	VFD-PU4821A	%%VFDI-PU4821A				AI	NIS								BD4-Transester 2		
0201	AAI143-H	11-1-10	11	1	10	VFDI-PU4821B	VFD-PU4821B	%%VFDI-PU4821B				AI	NIS								BD4-Transester 2		
0201	AAI143-H	11-1-11	11	1	11	VFDI-MX4134	VFD-MX4134	%%VFDI-MX4134				AI	NIS								BD4-Transester 2		
0201	AAI143-H	11-1-12	11	1	12	VFDI-PU4137	VFD-PU4137	%%VFDI-PU4137				AI	NIS								BD4-Wash & Dry		
0201	AAI143-H	11-1-13	11	1	13	VFDI-PU4140A	VFD-PU4140A	%%VFDI-PU4140A				AI	NIS								BD4-Wash & Dry		
0201	AAI143-H	11-1-14	11	1	14	VFDI-PU4140B	VFD-PU4140B	%%VFDI-PU4140B				AI	NIS								BD4-Wash & Dry		
0201	AAI143-H	11-1-15	11	1	15	VFDI-PU4211	VFD-PU4211	%%VFDI-PU4211				AI	NIS								BD4-Rectify 1		
0201	AAI143-H	11-1-16	11	1	16	VFDI-PU4214A	VFD-PU4214A	%%VFDI-PU4214A				AI	NIS								BD4-Rectify 1		

FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	AAI143-H	11-2-1	11	2	1	VFDI-PU4233	VFD-PU4233	%%VFDI-PU4233				AI	NIS								BD4-Rectify 1		
0201	AAI143-H	11-2-2	11	2	2	SPARE	SPARE					AI	NIS								BD4-Rectify 1		
0201	AAI143-H	11-2-3	11	2	3	VFDI-PU4214B1	VFD-PU4214B1	%%VFDI-PU4214B1				AI	NIS								BD4-Rectify 2		
0201	AAI143-H	11-2-4	11	2	4	VFDI-PU4214B2	VFD-PU4214B2	%%VFDI-PU4214B2				AI	NIS								BD4-Rectify 2		
0201	AAI143-H	11-2-5	11	2	5	VFDI-PU4311	VFD-PU4311	%%VFDI-PU4311				AI	NIS								BD4-Gly Evaporate		
0201	AAI143-H	11-2-6	11	2	6	VFDI-PU4320	VFD-PU4320	%%VFDI-PU4320				AI	NIS								BD4-Gly Evaporate		
0201	AAI143-H	11-2-7	11	2	7	VFDI-PU4321	VFD-PU4321	%%VFDI-PU4321				AI	NIS								BD4-Gly Evaporate		
0201	AAI143-H	11-2-8	11	2	8	VFDI-PU4211B	VFD-PU4211B	%%VFDI-PU4211B				AI	NIS								BD4-Process Tank		
0201	AAI143-H	11-2-9	11	2	9	VFDI-PU4822A	VFD-PU4822A	%%VFDI-PU4822A				AI	NIS								BD4-Process Tank		
0201	AAI143-H	11-2-10	11	2	10	VFDI-PU4822B	VFD-PU4822B	%%VFDI-PU4822B				AI	NIS								BD4-Process Tank		
0201	AAI143-H	11-2-11	11	2	11	VFDI-PU4823A	VFD-PU4823A	%%VFDI-PU4823A				AI	NIS								BD4-Process Tank		
0201	AAI143-H	11-2-12	11	2	12	VFDI-PU4823B	VFD-PU4823B	%%VFDI-PU4823B				AI	NIS								BD4-Process Tank		
0201	AAI143-H	11-2-13	11	2	13	VFDI-PU4801A	VFD-PU4801A	%%VFDI-PU4801A				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-2-14	11	2	14	VFDI-PU4801B	VFD-PU4801B	%%VFDI-PU4801B				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-2-15	11	2	15	VFDI-PU5801A	VFD-PU5801A	%%VFDI-PU5801A				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-2-16	11	2	16	VFDI-PU5801B	VFD-PU5801B	%%VFDI-PU5801B				AI	NIS								BD4&5-Tank Farm		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	AAI143-H	11-3-1	11	3	1	LT4801	LI4801	%%LT4801				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-2	11	3	2	LT4831	LI4831	%%LT4831				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-3	11	3	3	LT4832	LI4832	%%LT4832				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-4	11	3	4	LT92005	LI92005	%%LT92005				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-5	11	3	5	LT92006	LI92006	%%LT92006				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-6	11	3	6	LT92007	LI92007	%%LT92007				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-7	11	3	7	LT92008	LI92008	%%LT92008				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-8	11	3	8	LT92009	LI92009	%%LT92009				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-9	11	3	9	LT92010	LI92010	%%LT92010				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-10	11	3	10	LT92011	LI92011	%%LT92011				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-11	11	3	11	TT4801	TI4801	%%TT4801				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-12	11	3	12	TT4831	TI4831	%%TT4831				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-13	11	3	13	TT4832	TI4832	%%TT4832				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-14	11	3	14	TT92005	TI92005	%%TT92005				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-15	11	3	15	TT92006	TI92006	%%TT92006				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	11-3-16	11	3	16	TT92007	TI92007	%%TT92007				AI	NIS								BD4&5-Tank Farm		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	AAI143-H	12-1-1	12	1	1	TT92008	TI92008	%%TT92008				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-2	12	1	2	TT92009	TI92009	%%TT92009				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-3	12	1	3	TT92010	TI92010	%%TT92010				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-4	12	1	4	TT92011	TI92011	%%TT92011				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-5	12	1	5	LT5801	LI5801	%%LT5801				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-6	12	1	6	LT5831	LI5831	%%LT5831				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-7	12	1	7	LT5832	LI5832	%%LT5832				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-8	12	1	8	TT5801	TI5801	%%TT5801				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-9	12	1	9	TT5831	TI5831	%%TT5831				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-10	12	1	10	TT5832	TI5832	%%TT5832				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-11	12	1	11	VFDI-AG4812	VFD-AG4812	%%VFDI-AG4812				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-12	12	1	12	VFDI-PU4323A	VFD-PU4323A	%%VFDI-PU4323A				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-13	12	1	13	AG4122AMP	AG4122AMP	%%AG4122AMP				AI	NIS								BD4&5-Tank Farm		
0201	AAI143-H	12-1-14	12	1	14	AG4123AMP	AG4123AMP	%%AG4123AMP				AI	NIS										
0201	AAI143-H	12-1-15	12	1	15	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-1-16	12	1	16	SPARE	SPARE					AI	NIS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng Units	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper		LL	L	H	HH			
0201	AAI143-H	12-2-1	12	2	1	LT92007A	LI92007A	%%LT92007A				AI	NIS										
0201	AAI143-H	12-2-2	12	2	2	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-3	12	2	3	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-4	12	2	4	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-5	12	2	5	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-6	12	2	6	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-7	12	2	7	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-8	12	2	8	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-9	12	2	9	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-10	12	2	10	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-11	12	2	11	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-12	12	2	12	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-13	12	2	13	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-14	12	2	14	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-15	12	2	15	SPARE	SPARE					AI	NIS										
0201	AAI143-H	12-2-16	12	2	16	SPARE	SPARE					AI	NIS										

FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	ASI533-H	4-4-1	4	4	1	FCV4811A	FIC4811A	%%FCV4811A				AO	IS								BD4-Transester 1		
0201	ASI533-H	4-4-2	4	4	2	FCV4811B	FIC4811B	%%FCV4811B				AO	IS								BD4-Transester 1		
0201	ASI533-H	4-4-3	4	4	3	FCV4812A	FIC4812A	%%FCV4812A				AO	IS								BD4-Transester 1		
0201	ASI533-H	4-4-4	4	4	4	FCV4812B	FIC4812B	%%FCV4812B				AO	IS								BD4-Transester 1		
0201	ASI533-H	4-4-5	4	4	5	SPARE	SPARE					AO	IS								BD4-Transester 1		
0201	ASI533-H	4-4-6	4	4	6	PCV4127	PIC4127	%%PCV4127				AO	IS								BD4-Transester 1		
0201	ASI533-H	4-4-7	4	4	7	TCV4123A	TIC4123A	%%TCV4123A				AO	IS								BD4-Transester 1		
0201	ASI533-H	4-4-8	4	4	8	TCV4123B	TIC4123B	%%TCV4123B				AO	IS								BD4-Transester 1		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	ASI533-H	5-4-1	5	4	1	TCV4123A1	TIC4123A1	%%TCV4123A1				AO	IS								BD4-Transester 1		
0201	ASI533-H	5-4-2	5	4	2	TCV4129	TIC4129	%%TCV4129				AO	IS								BD4-Transester 1		
0201	ASI533-H	5-4-3	5	4	3	LCV4124A	LIC4124A	%%LCV4124A				AO	IS								BD4-Transester 1		
0201	ASI533-H	5-4-4	5	4	4	LCV4125A	LIC4125A	%%LCV4125A				AO	IS								BD4-Transester 1		
0201	ASI533-H	5-4-5	5	4	5	LCV4125B	LIC4125B	%%LCV4125B				AO	IS								BD4-Transester 1		
0201	ASI533-H	5-4-6	5	4	6	FCV4210A1	FIC4210A1	%%FCV4210A1				AO	IS								BD4-Transester 2		
0201	ASI533-H	5-4-7	5	4	7	FCV4210A2	FIC4210A2	%%FCV4210A2				AO	IS								BD4-Transester 2		
0201	ASI533-H	5-4-8	5	4	8	FCV4210B1	FIC4210B1	%%FCV4210B1				AO	IS								BD4-Transester 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	ASI533-H	6-4-1	6	4	1	FCV4210B2	FIC4210B2	%%FCV4210B2				AO	IS								BD4-Transester 2		
0201	ASI533-H	6-4-2	6	4	2	FCV4821	FIC4821	%%FCV4821				AO	IS								BD4-Transester 2		
0201	ASI533-H	6-4-3	6	4	3	TCV4140	TIC4140	%%TCV4140				AO	IS								BD4-Transester 2		
0201	ASI533-H	6-4-4	6	4	4	TCV4210A	TIC4210A	%%TCV4210A				AO	IS								BD4-Transester 2		
0201	ASI533-H	6-4-5	6	4	5	TCV4210B	TIC4210B	%%TCV4210B				AO	IS								BD4-Transester 2		
0201	ASI533-H	6-4-6	6	4	6	LCV4130A	LIC4130A	%%LCV4130A				AO	IS								BD4-Transester 2		
0201	ASI533-H	6-4-7	6	4	7	LCV4131A	LIC4131A	%%LCV4131A				AO	IS								BD4-Transester 2		
0201	ASI533-H	6-4-8	6	4	8	LCV4131B	LIC4131B	%%LCV4131B				AO	IS								BD4-Transester 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	ASI533-H	8-4-1	8	4	1	PCV4133	PIC4133	%%PCV4133				AO	IS								BD4-Transester 2		
0201	ASI533-H	8-4-2	8	4	2	TCV4139	TIC4139	%%TCV4139				AO	IS								BD4-Wash & Dry		
0201	ASI533-H	8-4-3	8	4	3	FCV4233	FIC4233	%%FCV4233				AO	IS								BD4-Rectify 1		
0201	ASI533-H	8-4-4	8	4	4	FCV4822	FIC4822	%%FCV4822				AO	IS								BD4-Rectify 1		
0201	ASI533-H	8-4-5	8	4	5	TCV4212	TIC4212	%%TCV4212				AO	IS								BD4-Rectify 1		
0201	ASI533-H	8-4-6	8	4	6	TCV4232	TIC4232	%%TCV4232				AO	IS								BD4-Rectify 1		
0201	ASI533-H	8-4-7	8	4	7	PHCV4823	FIC4823	%%PHCV4823				AO	IS								BD4-Rectify 2		
0201	ASI533-H	8-4-8	8	4	8	TCV4217	TIC4217	%%TCV4217				AO	IS								BD4-Rectify 2		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	ASI533-H	9-4-1	9	4	1	TCV4219	TIC4216G	%%TCV4219				AO	IS								BD4-Rectify 2		
0201	ASI533-H	9-4-2	9	4	2	LCV4214B	LIC4214B	%%LCV4214B				AO	IS								BD4-Rectify 2		
0201	ASI533-H	9-4-3	9	4	3	LCV4216	LIC4216	%%LCV4216				AO	IS								BD4-Rectify 2		
0201	ASI533-H	9-4-4	9	4	4	LCV4219	LIC4219	%%LCV4219				AO	IS								BD4-Rectify 2		
0201	ASI533-H	9-4-5	9	4	5	TCV4313	TCV4313	%%TCV4313				AO	IS								BD4-Gly Evaporate		
0201	ASI533-H	9-4-6	9	4	6	TCV4318A	TIC4318A	%%TCV4318A				AO	IS								BD4-Gly Evaporate		
0201	ASI533-H	9-4-7	9	4	7	LCV4319	LIC4319	%%LCV4319				AO	IS								BD4-Gly Evaporate		
0201	ASI533-H	9-4-8	9	4	8	SPARE	SPARE					AO	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	ASI533-H	10-4-1	10	4	1	FCV4931	LIC4931	%%FCV4931				AO	IS								BD4-Utility 1		
0201	ASI533-H	10-4-2	10	4	2	PCV4901	PIC4901	%%PCV4901				AO	IS								BD4-Utility 1		
0201	ASI533-H	10-4-3	10	4	3	PCV4902	PIC4902	%%PCV4902				AO	IS								BD4-Utility 1		
0201	ASI533-H	10-4-4	10	4	4	TCV4938	TIC4938	%%TCV4938				AO	IS								BD4-Utility 1		
0201	ASI533-H	10-4-5	10	4	5	LCV4937	LIC4937	%%LCV4937				AO	IS								BD4-Utility 1		
0201	ASI533-H	10-4-6	10	4	6	SPARE	SPARE					AO	IS										
0201	ASI533-H	10-4-7	10	4	7	SPARE	SPARE					AO	IS										
0201	ASI533-H	10-4-8	10	4	8	SPARE	SPARE					AO	IS										
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	ASI533-H	10-5-1	10	5	1	SPARE	SPARE					AO	IS								BD4		
0201	ASI533-H	10-5-2	10	5	2	SPARE	SPARE					AO	IS								BD4		
0201	ASI533-H	10-5-3	10	5	3	SPARE	SPARE					AO	IS								BD4		
0201	ASI533-H	10-5-4	10	5	4	SPARE	SPARE					AO	IS								BD4		
0201	ASI533-H	10-5-5	10	5	5	SPARE	SPARE					AO	IS								BD4		
0201	ASI533-H	10-5-6	10	5	6	SPARE	SPARE					AO	IS								BD4		
0201	ASI533-H	10-5-7	10	5	7	SPARE	SPARE					AO	IS								BD4		
0201	ASI533-H	10-5-8	10	5	8	SPARE	SPARE					AO	IS								BD4		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	AAI543-H	13-1-1	13	1	1	VFDO-PU4126	VFD-PU4126	%%VFDO-PU4126				AO	NIS								BD4-Transester 1		
0201	AAI543-H	13-1-2	13	1	2	VFDO-MX4123	VFD-MX4123	%%VFDO-MX4123				AO	NIS								BD4-Transester 1		
0201	AAI543-H	13-1-3	13	1	3	VFDO-MX4128	VFD-MX4128	%%VFDO-MX4128				AO	NIS								BD4-Transester 1		
0201	AAI543-H	13-1-4	13	1	4	VFDO-AG4122	VFD-AG4122	%%VFDO-AG4122				AO	NIS								BD4-Transester 1		
0201	AAI543-H	13-1-5	13	1	5	VFDO-AG4123	VFD-AG4123	%%VFDO-AG4123				AO	NIS								BD4-Transester 1		
0201	AAI543-H	13-1-6	13	1	6	VFDO-PU4132	VFD-PU4132	%%VFDO-PU4132				AO	NIS								BD4-Transester 2		
0201	AAI543-H	13-1-7	13	1	7	VFDO-PU4160A	VFD-PU4160A	%%VFDO-PU4160A				AO	NIS								BD4-Transester 2		
0201	AAI543-H	13-1-8	13	1	8	VFDO-PU4160B	VFD-PU4160B	%%VFDO-PU4160B				AO	NIS								BD4-Transester 2		
0201	AAI543-H	13-1-9	13	1	9	VFDO-PU4821A	VFD-PU4821A	%%VFDO-PU4821A				AO	NIS								BD4-Transester 2		
0201	AAI543-H	13-1-10	13	1	10	VFDO-PU4821B	VFD-PU4821B	%%VFDO-PU4821B				AO	NIS								BD4-Transester 2		
0201	AAI543-H	13-1-11	13	1	11	VFDO-MX4134	VFD-MX4134	%%VFDO-MX4134				AO	NIS								BD4-Transester 2		
0201	AAI543-H	13-1-12	13	1	12	VFDO-PU4137	VFD-PU4137	%%VFDO-PU4137				AO	NIS								BD4-Wash & Dry		
0201	AAI543-H	13-1-13	13	1	13	VFDO-PU4140A	VFD-PU4140A	%%VFDO-PU4140A				AO	NIS								BD4-Wash & Dry		
0201	AAI543-H	13-1-14	13	1	14	VFDO-PU4140B	VFD-PU4140B	%%VFDO-PU4140B				AO	NIS								BD4-Wash & Dry		
0201	AAI543-H	13-1-15	13	1	15	VFDO-PU4211	VFD-PU4211	%%VFDO-PU4211				AO	NIS								BD4-Rectify 1		
0201	AAI543-H	13-1-16	13	1	16	VFDO-PU4214A	VFD-PU4214A	%%VFDO-PU4214A				AO	NIS								BD4-Rectify 1		

FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	AAI543-H	13-2-1	13	2	1	VFDO-PU4233	VFD-PU4233	%%VFDO-PU4233				AO	NIS								BD4-Rectify 1		
0201	AAI543-H	13-2-2	13	2	2	SPARE	SPARE					AO	NIS								BD4-Rectify 1		
0201	AAI543-H	13-2-3	13	2	3	VFDO-PU4214B1	VFD-PU4214B1	%%VFDO-PU4214B1				AO	NIS								BD4-Rectify 2		
0201	AAI543-H	13-2-4	13	2	4	VFDO-PU4214B2	VFD-PU4214B2	%%VFDO-PU4214B2				AO	NIS								BD4-Rectify 2		
0201	AAI543-H	13-2-5	13	2	5	VFDO-PU4311	VFD-PU4311	%%VFDO-PU4311				AO	NIS								BD4-Gly Evaporate		
0201	AAI543-H	13-2-6	13	2	6	VFDO-PU4320	VFD-PU4320	%%VFDO-PU4320				AO	NIS								BD4-Gly Evaporate		
0201	AAI543-H	13-2-7	13	2	7	VFDO-PU4321	VFD-PU4321	%%VFDO-PU4321				AO	NIS								BD4-Gly Evaporate		
0201	AAI543-H	13-2-8	13	2	8	VFDO-PU4211B	VFD-PU4211B	%%VFDO-PU4211B				AO	NIS								BD4-Process Tank		
0201	AAI543-H	13-2-9	13	2	9	VFDO-PU4822A	VFD-PU4822A	%%VFDO-PU4822A				AO	NIS								BD4-Process Tank		
0201	AAI543-H	13-2-10	13	2	10	VFDO-PU4822B	VFD-PU4822B	%%VFDO-PU4822B				AO	NIS								BD4-Process Tank		
0201	AAI543-H	13-2-11	13	2	11	VFDO-PU4823A	VFD-PU4823A	%%VFDO-PU4823A				AO	NIS								BD4-Process Tank		
0201	AAI543-H	13-2-12	13	2	12	VFDO-PU4823B	VFD-PU4823B	%%VFDO-PU4823B				AO	NIS								BD4-Process Tank		
0201	AAI543-H	13-2-13	13	2	13	VFDO-PU4801A	VFD-PU4801A	%%VFDO-PU4801A				AO	NIS								BD4&5-Tank Farm		
0201	AAI543-H	13-2-14	13	2	14	VFDO-PU4801B	VFD-PU4801B	%%VFDO-PU4801B				AO	NIS								BD4&5-Tank Farm		
0201	AAI543-H	13-2-15	13	2	15	VFDO-PU5801A	VFD-PU5801A	%%VFDO-PU5801A				AO	NIS								BD4&5-Tank Farm		
0201	AAI543-H	13-2-16	13	2	16	VFDO-PU5801B	VFD-PU5801B	%%VFDO-PU5801B				AO	NIS								BD4&5-Tank Farm		
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				Plant	Remarks	Comment
														Lower	Upper	Units	LL	L	H	HH			
0201	AAI543-H	13-3-1	13	3	1	VFDO-AG4812	VFD-AG4812	%%VFDO-AG4812				AO	NIS								BD4&5-Tank Farm		
0201	AAI543-H	13-3-2	13	3	2	VFDO-PU4323A	VFD-PU4323A	%%VFDO-PU4323A				AO	NIS								BD4&5-Tank Farm		
0201	AAI543-H	13-3-3	13	3	3	SPARE	SPARE					AO	NIS								BD4&5-Tank Farm		
0201	AAI543-H	13-3-4	13	3	4	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-5	13	3	5	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-6	13	3	6	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-7	13	3	7	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-8	13	3	8	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-9	13	3	9	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-10	13	3	10	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-11	13	3	11	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-12	13	3	12	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-13	13	3	13	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-14	13	3	14	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-15	13	3	15	SPARE	SPARE					AO	NIS										
0201	AAI543-H	13-3-16	13	3	16	SPARE	SPARE					AO	NIS										

Surabaya - BD CCR

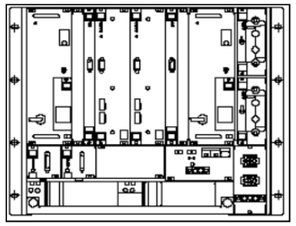
SYSTEM PANEL 1

BD4-MC1

BD4-MC1

AFG30D

FCS0201



ANB10D-1 90

P2	P1	B2	B1	T9083NA	ADVC01	EB402	EB402	ASI133	ASI133	ASI133	ASI133
						1	1	22	22	22	22

ANB10D-2 87

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASD143	ASD143	ASD533	ASD533	ASD533
							6	6	25	25	25
							NA	NA	NA		

IS Cabinet

Surabaya - BD CCR

SYSTEM PANEL 2

BD4-MC2

BD4-MC2

ANB10D-3 62

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASD143	ASD143	ASD533	ASD533	
							6	6	25	25	
							NA		NA	NA	

ANB10D-4 83

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASI533	ASI133	ASI133	ASI133	ASI133
							17	22	22	22	22

ANB10D-5 83

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASI533	ASI133	ASI133	ASI133	ASI133
							17	22	22	22	22

ANB10D-6 83

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASI533	ASI133	ASI133	ASI133	ASI133
							17	22	22	22	22

IS Cabinet

Surabaya - BD CCR

SYSTEM PANEL 3

BD4-MC3

BD4-MC3

ANB10D-7 94

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASD143	ASI133	ASI133	ASI133	ASI133
							6	22	22	22	22
							NA				

ANB10D-8 89

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASD143	ASI133	ASI133	ASI133	ASI133
							6	22	22	22	22
							NA				

ANR11D-9 89

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASD143	ASI133	ASI133	ASI133	ASI533
							6	22	22	22	17
							NA				
				NA							

ANR11D-10 100

P2	P1	B2	B1	T9083NA	ADVC01	ADVC01	ASI533	ASI533	ASI133	ASI133	ASI133
							17	17	22	22	22
				NA							

IS Cabinet

Surabaya - BD CCR

SYSTEM PANEL 4

BD4-MC4

BD4-MC4

ANR11D-11 66

P2	P1	B2	B1	ADVC01	ALE111	ADV151	ADV151	ADV151	ADV151	AAI143	AAI143
					0	0	0	0	0	22	22
				NA	NA						

ANR11D-12 44

P2	P1	B2	B1	ADVC01	ADVC01	ADV151	ADV151	ADV151	ADV151	AAI143	AAI143
						0	0	0	0	22	22
						NA	NA				

NIS Cabinet

Surabaya - BD CCR

SYSTEM PANEL 5

BD4-MC5

BD4-MC5

ANR11D-13 63

P2	P1	B2	B1	ADVC01	ADVC01	ADV551	ADV551	ADV551	AAI543	AAI543	AAI543
						0	0	0	21	21	21
								NA			

NIS Cabinet

BD4 Portion

	Non-Intrinsically Safe (IS) IO				Intrinsically Safe (IS) IO			
	DI	DO	AI	AO	DI	DO	AI	AO
inside	144	58	28	28	93	33	136	44
offsite	49	16	30	4	4	0	20	0
total	193	74	58	32	97	33	156	44
Total + 20% spare	232	89	70	38	116	40	187	53
Provided (based on Yokogawa BOM)	**224**	**96**	**48**	**32**	**48**	**0**	**208**	**56**
balance	-8	7	-22	-6	-68	-40	21	3

Card Module	ADV151	ADV551	AAI143	AAI543	ASD143	ASD533	ASI133	ASI533
Propose additional card			2	1	4	5		
Channel per module	32	32	16	16	16	8	8	8
Required (after deduct I/O point provided)	0	0	22	6	68	40	0	0

BD5 Portion

	Non-Intrinsically Safe (IS) IO				Intrinsically Safe (IS) IO			
	DI	DO	AI	AO	DI	DO	AI	AO
inside	109	44	21	21	86	33	119	42
offsite	21	9	3	3	0	0	0	0
total	130	53	24	24	91	33	131	42
Total + 20% spare	156	64	29	29	109	40	157	50
Provided (based on Yokogawa BOM)	**160**	**64**	**32**	**32**	**48**	**0**	**176**	**56**
balance	4	0	3	3	-61	-40	19	6

Card Module	ADV151	ADV551	AAI143	AAI543	ASD143	ASD533	ASI133	ASI533
propose additonal card					4	5		
Channel per module	32	32	16	16	16	8	8	8
Required (after deduct I/O point provided)	0	0	0	0	55	40	0	0

ME Portion

	Non-Intrinsically Safe (IS) IO			
	DI	DO	AI	AO
TF	86	34	36	0
Utility	52	23	31	6
ME-FRACT	72	32	54	25
total	210	89	121	31
Total + 20% spare	252	107	145	37
Provided (Based on Yokogawa BOM)	**160**	**96**	**128**	**32**
balance	-92	-11	-17	-5

Card Module	ADV151	ADV551	AAI143	AAI543
propose additional card	**3**	**1**	**2**	**1**
Channel per module	32	32	16	16
required (after deduct I/O point provided)	92	11	17	5

PME, Sod Mix, Utility 2

	Non-Intrinsically Safe (IS) IO				Intrinsically Safe (IS) IO			
	DI	DO	AI	AO	DI	DO	AI	AO
PME Cool	73	32	25	6	0	0	0	0
Sod Mix	14	7	0	0	60	27	14	0
Utility 2	3	1	2	0	0	0	0	0
PME Filter	8	0	5	1	0	0	0	0
total	98	40	32	7	60	27	14	0
Total + 20% spare	118	48	38	8	72	32	17	0
Provided (based on Yokogawa BOM)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
balance	-118	-48	-38	-8	-72	-32	-17	0

Card Module	ADV151	ADV551	AAI143	AAI543	ASD143	ASD533	ASI133	ASI533
Propose additional card	**4**	**2**	**3**	**1**	**5**	**4**	**3**	
Channel per module	32	32	16	16	16	8	8	8
Required (after deduct I/O point provided)	118	48	38	8	72	32	17	0

Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB1-001	FT4128	A1	1	1	1	ASI
			TB1-002		B1				
			TB1-003	FT4310	A3	2	1	1	ASI
			TB1-004		B3				
			TB1-005	FT4801	A5	3	1	1	ASI
			TB1-006		B5				
			TB1-007	FT4811A	A7	4	1	1	ASI
			TB1-008		B7				
			TB1-009	FT4811B	A10	5	1	1	ASI
			TB1-010		B10				
			TB1-011	FT4812A	A12	6	1	1	ASI
			TB1-012		B12				
			TB1-013	FT4812B	A14	7	1	1	ASI
			TB1-014		B14				
			TB1-015	PT4122	A16	8	1	1	ASI
			TB1-016		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

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DWG. NO.

21-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB1-017	PT4123	A1	1	1	2	ASI
			TB1-018		B1				
			TB1-019	PT4124	A3	2	1	2	ASI
			TB1-020		B3				
			TB1-021	PT4125	A5	3	1	2	ASI
			TB1-022		B5				
			TB1-023	PT4127	A7	4	1	2	ASI
			TB1-024		B7				
			TB1-025	TT4123	A10	5	1	2	ASI
			TB1-026		B10				
			TB1-027	TT4123A	A12	6	1	2	ASI
			TB1-028		B12				
			TB1-029	TT4123B	A14	7	1	2	ASI
			TB1-030		B14				
			TB1-031	TT4123A1	A16	8	1	2	ASI
			TB1-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

22-AI

SHT. NO.

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CONT'D

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Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC1)

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Mo*
			TB1-033	TT4129	A1	1	1	3	ASI
			TB1-034		B1				
			TB1-035	LT4111	A3	2	1	3	ASI
			TB1-036		B3				
			TB1-037	LT4112	A5	3	1	3	ASI
			TB1-038		B5				
			TB1-039	LT4124A	A7	4	1	3	ASI
			TB1-040		B7				
			TB1-041	LT4125A	A10	5	1	3	ASI
			TB1-042		B10				
			TB1-043	LT4125B	A12	6	1	3	ASI
			TB1-044		B12				
			TB1-045	LT4211	A14	7	1	3	ASI
			TB1-046		B14				
			TB1-047	PH4821	A16	8	1	3	ASI
			TB1-048		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

23-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB1-049	SPARE	A1	1	1	4	ASI
			TB1-050		B1				
			TB1-051	SPARE	A3	2	1	4	ASI
			TB1-052		B3				
			TB1-053	SPARE	A5	3	1	4	ASI
			TB1-054		B5				
			TB1-055	SPARE	A7	4	1	4	ASI
			TB1-056		B7				
			TB1-057	SPARE	A10	5	1	4	ASI
			TB1-058		B10				
			TB1-059	SPARE	A12	6	1	4	ASI
			TB1-060		B12				
			TB1-061	SPARE	A14	7	1	4	ASI
			TB1-062		B14				
			TB1-063	SPARE	A16	8	1	4	ASI
			TB1-064		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

24-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
~~AI~~	~~AO~~		
DI	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB2-001	LSH4111S	A1	1	2	4	ASD
			TB2-002		B1				
			TB2-003	LSH4112S	A2	2	2	4	ASD
			TB2-004		B2				
			TB2-005	LSH4211S	A3	3	2	4	ASD
			TB2-006		B3				
			TB2-007	LSH4932S	A4	4	2	4	ASD
			TB2-008		B4				
			TB2-009	LSH4971S	A6	5	2	4	ASD
			TB2-010		B6				
			TB2-011	SPARE	A7	6	2	4	ASD
			TB2-012		B7				
			TB2-013	SPARE	A8	7	2	4	ASD
			TB2-014		B8				
			TB2-015	SV4211OI	A9	8	2	4	ASD
			TB2-016		B9				
			TB2-017	SV4211CI	A10	9	2	4	ASD
			TB2-018		B10				
			TB2-019	SV4310OI	A11	10	2	4	ASD
			TB2-020		B11				
			TB2-021	SV4310CI	A12	11	2	4	ASD
			TB2-022		B12				
			TB2-023	SV4811AOI	A13	12	2	4	ASD
			TB2-024		B13				
			TB2-025	SV4811ACI	A15	13	2	4	ASD
			TB2-026		B15				
			TB2-027	SV4811BOI	A16	14	2	4	ASD
			TB2-028		B16				
			TB2-029	SV4811BCI	A17	15	2	4	ASD
			TB2-030		B17				
			TB2-031	LSL4821S	A18	16	2	4	ASD
			TB2-032		B18				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

25-DI

SHT. NO.

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26

Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
~~AI~~	~~AO~~		
DI	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB2-033	SV4812AOI	A1	1	2	5	ASD
			TB2-034		B1				
			TB2-035	SV4812ACI	A2	2	2	5	ASD
			TB2-036		B2				
			TB2-037	SV4812BOI	A3	3	2	5	ASD
			TB2-038		B3				
			TB2-039	SV4812BCI	A4	4	2	5	ASD
			TB2-040		B4				
			TB2-041	SPARE	A6	5	2	5	ASD
			TB2-042		B6				
			TB2-043	SPARE	A7	6	2	5	ASD
			TB2-044		B7				
			TB2-045	SPARE	A8	7	2	5	ASD
			TB2-046		B8				
			TB2-047	SPARE	A9	8	2	5	ASD
			TB2-048		B9				
			TB2-049	SV4210AOI	A10	9	2	5	ASD
			TB2-050		B10				
			TB2-051	SV4210ACI	A11	10	2	5	ASD
			TB2-052		B11				
			TB2-053	SV4210BOI	A12	11	2	5	ASD
			TB2-054		B12				
			TB2-055	SV4210BCI	A13	12	2	5	ASD
			TB2-056		B13				
			TB2-057	SV4210A1-1OI	A15	13	2	5	ASD
			TB2-058		B15				
			TB2-059	SV4210A1-1CI	A16	14	2	5	ASD
			TB2-060		B16				
			TB2-061	LSH4210AS	A17	15	2	5	ASD
			TB2-062		B17				
			TB2-063	LSH4210BS	A18	16	2	5	ASD
			TB2-064		B18				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001

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DWG. NO.

26-DI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
~~AI~~	~~AO~~		
~~DI~~	DO		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB3-001	SPARE	A1	1	2	1	ASD
			TB3-002		B1				
			TB3-003	SPARE	A3	2	2	1	ASD
			TB3-004		B3				
			TB3-005	SV4211O	A5	3	2	1	ASD
			TB3-006		B5				
			TB3-007	SV4310O	A7	4	2	1	ASD
			TB3-008		B7				
			TB3-009	SV4811AO	A10	5	2	1	ASD
			TB3-010		B10				
			TB3-011	SV4811BO	A12	6	2	1	ASD
			TB3-012		B12				
			TB3-013	SV4812AO	A14	7	2	1	ASD
			TB3-014		B14				
			TB3-015	SV4812BO	A16	8	2	1	ASD
			TB3-016		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001

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DWG. NO.

27-AO

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
~~AI~~	~~AO~~		
~~DI~~	DO		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB3-017	SPARE	A1	1	2	2	ASD
			TB3-018		B1				
			TB3-019	SPARE	A3	2	2	2	ASD
			TB3-020		B3				
			TB3-021	SV4210AO	A5	3	2	2	ASD
			TB3-022		B5				
			TB3-023	SV4210BO	A7	4	2	2	ASD
			TB3-024		B7				
			TB3-025	SV4210A1-1O	A10	5	2	2	ASD
			TB3-026		B10				
			TB3-027	SV4210A1-2O	A12	6	2	2	ASD
			TB3-028		B12				
			TB3-029	SV4210A2O	A14	7	2	2	ASD
			TB3-030		B14				
			TB3-031	SV4210B1O	A16	8	2	2	ASD
			TB3-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

28-AO

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC1)	
~~AI~~	~~AO~~		
~~DI~~	DO		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB3-033	SV4210B2O	A1	1	2	3	ASD
			TB3-034		B1				
			TB3-035	SV4821O	A3	2	2	3	ASD
			TB3-036		B3				
			TB3-037	SPARE	A5	3	2	3	ASD
			TB3-038		B5				
			TB3-039	SPARE	A7	4	2	3	ASD
			TB3-040		B7				
			TB3-041	SPARE	A10	5	2	3	ASD
			TB3-042		B10				
			TB3-043	SPARE	A12	6	2	3	ASD
			TB3-044		B12				
			TB3-045	SV4822AV1O	A14	7	2	3	ASD
			TB3-046		B14				
			TB3-047	SV4822AO	A16	8	2	3	ASD
			TB3-048		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

29-AO

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	SYSTEM I/O
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB4-001	FT4210A1	A1	1	4	1	ASI
			TB4-002		B1				
			TB4-003	FT4210A2	A3	2	4	1	ASI
			TB4-004		B3				
			TB4-005	FT4210B1	A5	3	4	1	ASI
			TB4-006		B5				
			TB4-007	FT4210B2	A7	4	4	1	ASI
			TB4-008		B7				
			TB4-009	FT4821	A10	5	4	1	ASI
			TB4-010		B10				
			TB4-011	PT4130	A12	6	4	1	ASI
			TB4-012		B12				
			TB4-013	PT4131	A14	7	4	1	ASI
			TB4-014		B14				
			TB4-015	PT4133	A16	8	4	1	ASI
			TB4-016		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

30-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB4-017	PT4160	A1	1	4	2	ASI
			TB4-018		B1				
			TB4-019	TIC4140	A3	2	4	2	ASI
			TB4-020		B3				
			TB4-021	TT4160	A5	3	4	2	ASI
			TB4-022		B5				
			TB4-023	TT4210A	A7	4	4	2	ASI
			TB4-024		B7				
			TB4-025	TT4210B	A10	5	4	2	ASI
			TB4-026		B10				
			TB4-027	LT4130A	A12	6	4	2	ASI
			TB4-028		B12				
			TB4-029	LT4131A	A14	7	4	2	ASI
			TB4-030		B14				
			TB4-031	LT4131B	A16	8	4	2	ASI
			TB4-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

31-AI

SHT. NO.

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CONT'D

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Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC2)

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Mo*
			TB4-033	LT4160	A1	1	4	3	ASI
			TB4-034		B1				
			TB4-035	LT4210A	A3	2	4	3	ASI
			TB4-036		B3				
			TB4-037	LT4210B	A5	3	4	3	ASI
			TB4-038		B5				
			TB4-039	PT4903	A7	4	4	3	ASI
			TB4-040		B7				
			TB4-041	PT4904	A10	5	4	3	ASI
			TB4-042		B10				
			TB4-043	SPARE	A12	6	4	3	ASI
			TB4-044		B12				
			TB4-045	SPARE	A14	7	4	3	ASI
			TB4-046		B14				
			TB4-047	SPARE	A16	8	4	3	ASI
			TB4-048		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.
32-AI
SHT. NO.
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CONT'D
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Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC2)

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Mo*
			TB4-049	FT4150	A1	1	5	1	ASI
			TB4-050		B1				
			TB4-051	PT4140	A3	2	5	1	ASI
			TB4-052		B3				
			TB4-053	TT4139	A5	3	5	1	ASI
			TB4-054		B5				
			TB4-055	TT4140	A7	4	5	1	ASI
			TB4-056		B7				
			TB4-057	TT4150	A10	5	5	1	ASI
			TB4-058		B10				
			TB4-059	LT4137	A12	6	5	1	ASI
			TB4-060		B12				
			TB4-061	LT4140	A14	7	5	1	ASI
			TB4-062		B14				
			TB4-063	SPARE	A16	8	5	1	ASI
			TB4-064		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

33-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB4-065	FT4211	A1	1	5	2	ASI
			TB4-066		B1				
			TB4-067	FT4233	A3	2	5	2	ASI
			TB4-068		B3				
			TB4-069	FT4236	A5	3	5	2	ASI
			TB4-070		B5				
			TB4-071	FT4822	A7	4	5	2	ASI
			TB4-072		B7				
			TB4-073	PT4144	A10	5	5	2	ASI
			TB4-074		B10				
			TB4-075	PT4233	A12	6	5	2	ASI
			TB4-076		B12				
			TB4-077	RUSAK	A14	7	5	2	ASI
			TB4-078		B14				
			TB4-079	TT4213	A16	8	5	2	ASI
			TB4-080		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

34-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB4-081	TT4232	A1	1	5	3	ASI
			TB4-082		B1				
			TB4-083	TT4236	A3	2	5	3	ASI
			TB4-084		B3				
			TB4-085	LT4214A	A5	3	5	3	ASI
			TB4-086		B5				
			TB4-087	LT4214B	A7	4	5	3	ASI
			TB4-088		B7				
			TB4-089	LT4233	A10	5	5	3	ASI
			TB4-090		B10				
			TB4-091	PH4822A	A12	6	5	3	ASI
			TB4-092		B12				
			TB4-093	PH4822B	A14	7	5	3	ASI
			TB4-094		B14				
			TB4-095	TT4212	A16	8	5	3	ASI
			TB4-096		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

35-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB4-097	FT4215	A1	1	6	1	ASI
			TB4-098		B1				
			TB4-099	FT4216	A3	2	6	1	ASI
			TB4-100		B3				
			TB4-101	FT4217	A5	3	6	1	ASI
			TB4-102		B5				
			TB4-103	FT4219	A7	4	6	1	ASI
			TB4-104		B7				
			TB4-105	FT4220	A10	5	6	1	ASI
			TB4-106		B10				
			TB4-107	FT4823	A12	6	6	1	ASI
			TB4-108		B12				
			TB4-109	PT4216A	A14	7	6	1	ASI
			TB4-110		B14				
			TB4-111	PT4216B	A16	8	6	1	ASI
			TB4-112		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

36-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB4-113	TT4210	A1	1	6	2	ASI
			TB4-114		B1				
			TB4-115	TT4216A	A3	2	6	2	ASI
			TB4-116		B3				
			TB4-117	TT4216B	A5	3	6	2	ASI
			TB4-118		B5				
			TB4-119	TT4216C	A7	4	6	2	ASI
			TB4-120		B7				
			TB4-121	TT4216D	A10	5	6	2	ASI
			TB4-122		B10				
			TB4-123	TT4216E	A12	6	6	2	ASI
			TB4-124		B12				
			TB4-125	TT4216F	A14	7	6	2	ASI
			TB4-126		B14				
			TB4-127	TT4216G	A16	8	6	2	ASI
			TB4-128		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

37-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	SYSTEM I/O
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB4-129	TT4216H	A1	1	6	3	ASI
			TB4-130		B1				
			TB4-131	TT4216I	A3	2	6	3	ASI
			TB4-132		B3				
			TB4-133	TT4217	A5	3	6	3	ASI
			TB4-134		B5				
			TB4-135	TT4218	A7	4	6	3	ASI
			TB4-136		B7				
			TB4-137	TT4219	A10	5	6	3	ASI
			TB4-138		B10				
			TB4-139	LT4216	A12	6	6	3	ASI
			TB4-140		B12				
			TB4-141	LT4219	A14	7	6	3	ASI
			TB4-142		B14				
			TB4-143	LT4311	A16	8	6	3	ASI
			TB4-144		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

38-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
~~AI~~	AO		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB5-001	FCV4811A	A1	1	4	4	ASI
			TB5-002		B1				
			TB5-003	FCV4811B	A2	2	4	4	ASI
			TB5-004		B2				
			TB5-005	FCV4812A	A3	3	4	4	ASI
			TB5-006		B3				
			TB5-007	FCV4812B	A4	4	4	4	ASI
			TB5-008		B4				
			TB5-009	SPARE	A5	5	4	4	ASI
			TB5-010		B5				
			TB5-011	PCV4127	A6	6	4	4	ASI
			TB5-012		B6				
			TB5-013	TCV4123A	A7	7	4	4	ASI
			TB5-014		B7				
			TB5-015	TCV4123B	A8	8	4	4	ASI
			TB5-016		B8				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	AO
~~DI~~	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC2)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB5-017	TCV4123A1	A1	1	5	4	ASI
			TB5-018		B1				
			TB5-019	TCV4129	A2	2	5	4	ASI
			TB5-020		B2				
			TB5-021	LCV4124A	A3	3	5	4	ASI
			TB5-022		B3				
			TB5-023	LCV4125A	A4	4	5	4	ASI
			TB5-024		B4				
			TB5-025	LCV4125B	A5	5	5	4	ASI
			TB5-026		B5				
			TB5-027	FCV4210A1	A6	6	5	4	ASI
			TB5-028		B6				
			TB5-029	FCV4210A2	A7	7	5	4	ASI
			TB5-030		B7				
			TB5-031	FCV4210B1	A8	8	5	4	ASI
			TB5-032		B8				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001

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DWG. NO.

40-AO

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
~~AI~~	AO		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB5-033	FCV4210B2	A1	1	6	4	ASI
			TB5-034		B1				
			TB5-035	FCV4821	A2	2	6	4	ASI
			TB5-036		B2				
			TB5-037	TCV4140	A3	3	6	4	ASI
			TB5-038		B3				
			TB5-039	TCV4210A	A4	4	6	4	ASI
			TB5-040		B4				
			TB5-041	TCV4210B	A5	5	6	4	ASI
			TB5-042		B5				
			TB5-043	LCV4130A	A6	6	6	4	ASI
			TB5-044		B6				
			TB5-045	LCV4131A	A7	7	6	4	ASI
			TB5-046		B7				
			TB5-047	LCV4131B	A8	8	6	4	ASI
			TB5-048		B8				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

41-AO

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
~~AI~~	~~AO~~		
DI	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB6-001	SV4210A1-2OI	A1	1	3	3	ASD
			TB6-002		B1				
			TB6-003	SV4210A1-2CI	A2	2	3	3	ASD
			TB6-004		B2				
			TB6-005	SV4210A2OI	A3	3	3	3	ASD
			TB6-006		B3				
			TB6-007	SV4210A2CI	A4	4	3	3	ASD
			TB6-008		B4				
			TB6-009	SV4210B1OI	A6	5	3	3	ASD
			TB6-010		B6				
			TB6-011	SV4210B1CI	A7	6	3	3	ASD
			TB6-012		B7				
			TB6-013	SV4210B2OI	A8	7	3	3	ASD
			TB6-014		B8				
			TB6-015	SV4210B2CI	A9	8	3	3	ASD
			TB6-016		B9				
			TB6-017	SV4821OI	A10	9	3	3	ASD
			TB6-018		B10				
			TB6-019	SV4821CI	A11	10	3	3	ASD
			TB6-020		B11				
			TB6-021	LSH4801S	A12	11	3	3	ASD
			TB6-022		B12				
			TB6-023	LSH4831S	A13	12	3	3	ASD
			TB6-024		B13				
			TB6-025	LSH4832S	A15	13	3	3	ASD
			TB6-026		B15				
			TB6-027	LSH5801S	A16	14	3	3	ASD
			TB6-028		B16				
			TB6-029	LSH5831S	A17	15	3	3	ASD
			TB6-030		B17				
			TB6-031	LSH5832S	A18	16	3	3	ASD
			TB6-032		B18				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

42-DI

SHT. NO.

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
~~AI~~	~~AO~~		
DI	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB6-033	LSH4143S	A1	1	3	4	ASD
			TB6-034		B1				
			TB6-035	LSH92007AS	A2	2	3	4	ASD
			TB6-036		B2				
			TB6-037	LSH4137S	A3	3	3	4	ASD
			TB6-038		B3				
			TB6-039	LSH4213S	A4	4	3	4	ASD
			TB6-040		B4				
			TB6-041	LSH4214AS	A6	5	3	4	ASD
			TB6-042		B6				
			TB6-043	LSH4214BS	A7	6	3	4	ASD
			TB6-044		B7				
			TB6-045	SV4822AV1OI	A8	7	3	4	ASD
			TB6-046		B8				
			TB6-047	SV4822AV1CI	A9	8	3	4	ASD
			TB6-048		B9				
			TB6-049	SV4822AOI	A10	9	3	4	ASD
			TB6-050		B10				
			TB6-051	SV4822ACI	A11	10	3	4	ASD
			TB6-052		B11				
			TB6-053	SV4822BV1OI	A12	11	3	4	ASD
			TB6-054		B12				
			TB6-055	SV4822BV1CI	A13	12	3	4	ASD
			TB6-056		B13				
			TB6-057	SV4822BOI	A15	13	3	4	ASD
			TB6-058		B15				
			TB6-059	SV4822BCI	A16	14	3	4	ASD
			TB6-060		B16				
			TB6-061	LSH4219S	A17	15	3	4	ASD
			TB6-062		B17				
			TB6-063	LSH4311S	A18	16	3	4	ASD
			TB6-064		B18				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

43-DI

SHT. NO.

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
~~AI~~	~~AO~~		
~~DI~~	DO		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB7-001	SV4822BV1O	A1	1	3	1	ASD
			TB7-002		B1				
			TB7-003	SV4822BO	A3	2	3	1	ASD
			TB7-004		B3				
			TB7-005	SV4823O	A5	3	3	1	ASD
			TB7-006		B5				
			TB7-007	SV4823AV1O	A7	4	3	1	ASD
			TB7-008		B7				
			TB7-009	SV4823AO	A10	5	3	1	ASD
			TB7-010		B10				
			TB7-011	SV4823BV1O	A12	6	3	1	ASD
			TB7-012		B12				
			TB7-013	SV4823BO	A14	7	3	1	ASD
			TB7-014		B14				
			TB7-015	SV4900O	A16	8	3	1	ASD
			TB7-016		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

44-AO

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC2)	
~~AI~~	~~AO~~		
~~DI~~	DO		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB7-017	SV4961O	A1	1	3	2	ASD
			TB7-018		B1				
			TB7-019	SV4801AO	A3	2	3	2	ASD
			TB7-020		B3				
			TB7-021	SV4801BO	A5	3	3	2	ASD
			TB7-022		B5				
			TB7-023	SV4821AO	A7	4	3	2	ASD
			TB7-024		B7				
			TB7-025	SV4821BO	A10	5	3	2	ASD
			TB7-026		B10				
			TB7-027	SPARE	A12	6	3	2	ASD
			TB7-028		B12				
			TB7-029	SPARE	A14	7	3	2	ASD
			TB7-030		B14				
			TB7-031	SPARE	A16	8	3	2	ASD
			TB7-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

45-AO

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-001	PH4823A	A1	1	7	1	ASI
			TB8-002		B1				
			TB8-003	PH4823B	A3	2	7	1	ASI
			TB8-004		B3				
			TB8-005	FT4311	A5	3	7	1	ASI
			TB8-006		B5				
			TB8-007	FT4314	A7	4	7	1	ASI
			TB8-008		B7				
			TB8-009	FT4319	A10	5	7	1	ASI
			TB8-010		B10				
			TB8-011	PT4318	A12	6	7	1	ASI
			TB8-012		B12				
			TB8-013	TT4312	A14	7	7	1	ASI
			TB8-014		B14				
			TB8-015	TT4313	A16	8	7	1	ASI
			TB8-016		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

46-AI

SHT. NO.

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CONT'D

47

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC3)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-017	TT4315A	A1	1	7	2	ASI
			TB8-018		B1				
			TB8-019	TT4315B	A3	2	7	2	ASI
			TB8-020		B3				
			TB8-021	TT4317A	A5	3	7	2	ASI
			TB8-022		B5				
			TB8-023	TT4317B	A7	4	7	2	ASI
			TB8-024		B7				
			TB8-025	TT4318A	A10	5	7	2	ASI
			TB8-026		B10				
			TB8-027	TT4318B	A12	6	7	2	ASI
			TB8-028		B12				
			TB8-029	TT4320	A14	7	7	2	ASI
			TB8-030		B14				
			TB8-031	TT4321	A16	8	7	2	ASI
			TB8-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

47-AI

SHT. NO.

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CONT'D

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Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC3)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-033	TT4970	A1	1	7	3	ASI
			TB8-034		B1				
			TB8-035	LT4319	A3	2	7	3	ASI
			TB8-036		B3				
			TB8-037	LT4320	A5	3	7	3	ASI
			TB8-038		B5				
			TB8-039	LT4321	A7	4	7	3	ASI
			TB8-040		B7				
			TB8-041	LT4970	A10	5	7	3	ASI
			TB8-042		B10				
			TB8-043	LT4211B	A12	6	7	3	ASI
			TB8-044		B12				
			TB8-045	LT4811	A14	7	7	3	ASI
			TB8-046		B14				
			TB8-047	LT4811B	A16	8	7	3	ASI
			TB8-048		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-049	LT4812	A1	1	7	4	ASI
			TB8-050		B1				
			TB8-051	LT4822	A3	2	7	4	ASI
			TB8-052		B3				
			TB8-053	LT4823	A5	3	7	4	ASI
			TB8-054		B5				
			TB8-055	LT4824	A7	4	7	4	ASI
			TB8-056		B7				
			TB8-057	TT4211B	A10	5	7	4	ASI
			TB8-058		B10				
			TB8-059	TT4811	A12	6	7	4	ASI
			TB8-060		B12				
			TB8-061	TT4811B	A14	7	7	4	ASI
			TB8-062		B14				
			TB8-063	TT4812	A16	8	7	4	ASI
			TB8-064		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

49-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-065	SPARE	A1	1	8	1	ASI
			TB8-066		B1				
			TB8-067	SPARE	A3	2	8	1	ASI
			TB8-068		B3				
			TB8-069	SPARE	A5	3	8	1	ASI
			TB8-070		B5				
			TB8-071	LT92001	A7	4	8	1	ASI
			TB8-072		B7				
			TB8-073	LT92002	A10	5	8	1	ASI
			TB8-074		B10				
			TB8-075	LT92003	A12	6	8	1	ASI
			TB8-076		B12				
			TB8-077	LT92004	A14	7	8	1	ASI
			TB8-078		B14				
			TB8-079	SPARE	A16	8	8	1	ASI
			TB8-080		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

50-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-081	TT92001A	A1	1	8	2	ASI
			TB8-082		B1				
			TB8-083	TT92001B	A3	2	8	2	ASI
			TB8-084		B3				
			TB8-085	TT92001C	A5	3	8	2	ASI
			TB8-086		B5				
			TB8-087	TT92001D	A7	4	8	2	ASI
			TB8-088		B7				
			TB8-089	TT92002A	A10	5	8	2	ASI
			TB8-090		B10				
			TB8-091	TT92002B	A12	6	8	2	ASI
			TB8-092		B12				
			TB8-093	TT92002C	A14	7	8	2	ASI
			TB8-094		B14				
			TB8-095	TT92002D	A16	8	8	2	ASI
			TB8-096		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001

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DWG. NO.

51-AI

SHT. NO.

51

CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-097	TT92003A	A1	1	8	3	ASI
			TB8-098		B1				
			TB8-099	TT92003B	A3	2	8	3	ASI
			TB8-100		B3				
			TB8-101	TT92003C	A5	3	8	3	ASI
			TB8-102		B5				
			TB8-103	TT92003D	A7	4	8	3	ASI
			TB8-104		B7				
			TB8-105	TT92004A	A10	5	8	3	ASI
			TB8-106		B10				
			TB8-107	TT92004B	A12	6	8	3	ASI
			TB8-108		B12				
			TB8-109	TT92004C	A14	7	8	3	ASI
			TB8-110		B14				
			TB8-111	TT92004D	A16	8	8	3	ASI
			TB8-112		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.

52-AI

SHT. NO.

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CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-113	FT4901	A1	1	9	1	ASI
			TB8-114		B1				
			TB8-115	FT4902	A3	2	9	1	ASI
			TB8-116		B3				
			TB8-117	PT4901	A5	3	9	1	ASI
			TB8-118		B5				
			TB8-119	PT4902	A7	4	9	1	ASI
			TB8-120		B7				
			TB8-121	PT4961	A10	5	9	1	ASI
			TB8-122		B10				
			TB8-123	TT4937	A12	6	9	1	ASI
			TB8-124		B12				
			TB8-125	TT4938	A14	7	9	1	ASI
			TB8-126		B14				
			TB8-127	TT4961A	A16	8	9	1	ASI
			TB8-128		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

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DWG. NO.
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SHT. NO.
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CONT'D
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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-129	TT4961B	A1	1	9	2	ASI
			TB8-130		B1				
			TB8-131	LT4931	A3	2	9	2	ASI
			TB8-132		B3				
			TB8-133	LT4937	A5	3	9	2	ASI
			TB8-134		B5				
			TB8-135	FT4961	A7	4	9	2	ASI
			TB8-136		B7				
			TB8-137	SPARE	A10	5	9	2	ASI
			TB8-138		B10				
			TB8-139	SPARE	A12	6	9	2	ASI
			TB8-140		B12				
			TB8-141	SPARE	A14	7	9	2	ASI
			TB8-142		B14				
			TB8-143	SPARE	A16	8	9	2	ASI
			TB8-144		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

del

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-145	SPARE	A1	1	9	3	ASI
			TB8-146		B1				
			TB8-147	SPARE	A3	2	9	3	ASI
			TB8-148		B3				
			TB8-149	SPARE	A5	3	9	3	ASI
			TB8-150		B5				
			TB8-151	SPARE	A7	4	9	3	ASI
			TB8-152		B7				
			TB8-153	SPARE	A10	5	9	3	ASI
			TB8-154		B10				
			TB8-155	SPARE	A12	6	9	3	ASI
			TB8-156		B12				
			TB8-157	SPARE	A14	7	9	3	ASI
			TB8-158		B14				
			TB8-159	SPARE	A16	8	9	3	ASI
			TB8-160		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

del

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DWG. NO.

55-AI

SHT. NO.

55

CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-161	SPARE	A1	1	10	1	ASI
			TB8-162		B1				
			TB8-163	SPARE	A3	2	10	1	ASI
			TB8-164		B3				
			TB8-165	SPARE	A5	3	10	1	ASI
			TB8-166		B5				
			TB8-167	SPARE	A7	4	10	1	ASI
			TB8-168		B7				
			TB8-169	SPARE	A10	5	10	1	ASI
			TB8-170		B10				
			TB8-171	SPARE	A12	6	10	1	ASI
			TB8-172		B12				
			TB8-173	SPARE	A14	7	10	1	ASI
			TB8-174		B14				
			TB8-175	SPARE	A16	8	10	1	ASI
			TB8-176		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

del

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133

133

DWG. NO.

56-AI

SHT. NO.

56

CONT'D

57

Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-177	SPARE	A1	1	10	2	ASI
			TB8-178		B1				
			TB8-179	SPARE	A3	2	10	2	ASI
			TB8-180		B3				
			TB8-181	SPARE	A5	3	10	2	ASI
			TB8-182		B5				
			TB8-183	SPARE	A7	4	10	2	ASI
			TB8-184		B7				
			TB8-185	SPARE	A10	5	10	2	ASI
			TB8-186		B10				
			TB8-187	SPARE	A12	6	10	2	ASI
			TB8-188		B12				
			TB8-189	SPARE	A14	7	10	2	ASI
			TB8-190		B14				
			TB8-191	SPARE	A16	8	10	2	ASI
			TB8-192		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

del

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DWG. NO.

57-AI

SHT. NO.

57

CONT'D

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Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	
AI	~~AO~~		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB8-193	SPARE	A1	1	10	3	ASI
			TB8-194		B1				
			TB8-195	SPARE	A3	2	10	3	ASI
			TB8-196		B3				
			TB8-197	SPARE	A5	3	10	3	ASI
			TB8-198		B5				
			TB8-199	SPARE	A7	4	10	3	ASI
			TB8-200		B7				
			TB8-201	SPARE	A10	5	10	3	ASI
			TB8-202		B10				
			TB8-203	SPARE	A12	6	10	3	ASI
			TB8-204		B12				
			TB8-205	SPARE	A14	7	10	3	ASI
			TB8-206		B14				
			TB8-207	SPARE	A16	8	10	3	ASI
			TB8-208		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

del

133

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133

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133

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133

133

DWG. NO.

58-AI

SHT. NO.

58

CONT'D

59

Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC3)	SYSTEM I/O
~~AI~~	AO		
~~DI~~	~~DO~~		
IS	~~NIS~~		
HART	NON HART		

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB9-001	PCV4133	A1	1	8	4	ASI
			TB9-002		B1				
			TB9-003	TCV4139	A2	2	8	4	ASI
			TB9-004		B2				
			TB9-005	FCV4233	A3	3	8	4	ASI
			TB9-006		B3				
			TB9-007	FCV4822	A4	4	8	4	ASI
			TB9-008		B4				
			TB9-009	TCV4212	A5	5	8	4	ASI
			TB9-010		B5				
			TB9-011	TCV4232	A6	6	8	4	ASI
			TB9-012		B6				
			TB9-013	PHCV4823	A7	7	8	4	ASI
			TB9-014		B7				
			TB9-015	TCV4217	A8	8	8	4	ASI
			TB9-016		B8				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

del

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533

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DWG. NO.
59-AO
SHT. NO.
59
CONT'D
60

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	AO
~~DI~~	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC3)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Mo
			TB9-017	TCV4219	A1	1	9	4	ASI
			TB9-018		B1				
			TB9-019	LCV4214B	A2	2	9	4	ASI
			TB9-020		B2				
			TB9-021	LCV4216	A3	3	9	4	ASI
			TB9-022		B3				
			TB9-023	LCV4219	A4	4	9	4	ASI
			TB9-024		B4				
			TB9-025	TCV4313	A5	5	9	4	ASI
			TB9-026		B5				
			TB9-027	TCV4318A	A6	6	9	4	ASI
			TB9-028		B6				
			TB9-029	LCV4319	A7	7	9	4	ASI
			TB9-030		B7				
			TB9-031	SPARE	A8	8	9	4	ASI
			TB9-032		B8				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT
	CH.	DATE							TITLE
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE
FILENAME	APP.	DATE							DOC. NO.
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001

YOKOGAWA

del

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533

Signal Type :		
~~HSC~~	~~RTD~~	
~~AI~~	AO	
~~DI~~	~~DO~~	
IS	~~NIS~~	
HART	NON HART	

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC3)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB9-033	FCV4931	A1	1	10	4	ASI533
			TB9-034		B1				
			TB9-035	PCV4901	A2	2	10	4	ASI533
			TB9-036		B2				
			TB9-037	PCV4902	A3	3	10	4	ASI533
			TB9-038		B3				
			TB9-039	TCV4938	A4	4	10	4	ASI533
			TB9-040		B4				
			TB9-041	LCV4937	A5	5	10	4	ASI533
			TB9-042		B5				
			TB9-043	SPARE	A6	6	10	4	ASI533
			TB9-044		B6				
			TB9-045	SPARE	A7	7	10	4	ASI533
			TB9-046		B7				
			TB9-047	SPARE	A8	8	10	4	ASI533
			TB9-048		B8				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	61-AO
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	61
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001	62

YOKOGAWA

Signal Type :		
~~HSC~~	~~RTD~~	
~~AI~~	AO	
~~DI~~	~~DO~~	
IS	~~NIS~~	
HART	NON HART	

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC3)

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Model*
			TB9-049	SPARE	A1	1	10	5	ASI533
			TB9-050		B1				
			TB9-051	SPARE	A2	2	10	5	ASI533
			TB9-052		B2				
			TB9-053	SPARE	A3	3	10	5	ASI533
			TB9-054		B3				
			TB9-055	SPARE	A4	4	10	5	ASI533
			TB9-056		B4				
			TB9-057	SPARE	A5	5	10	5	ASI533
			TB9-058		B5				
			TB9-059	SPARE	A6	6	10	5	ASI533
			TB9-060		B6				
			TB9-061	SPARE	A7	7	10	5	ASI533
			TB9-062		B7				
			TB9-063	SPARE	A8	8	10	5	ASI533
			TB9-064		B8				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	62-AO
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	62
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001	63

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC3)

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Model*
			TB10-001	SV4823OI	A1	1	7	5	ASD143
			TB10-002		B1				
			TB10-003	SV4823CI	A2	2	7	5	ASD143
			TB10-004		B2				
			TB10-005	SV4823AV1OI	A3	3	7	5	ASD143
			TB10-006		B3				
			TB10-007	SV4823AV1CI	A4	4	7	5	ASD143
			TB10-008		B4				
			TB10-009	SV4823AOI	A6	5	7	5	ASD143
			TB10-010		B6				
			TB10-011	SV4823ACI	A7	6	7	5	ASD143
			TB10-012		B7				
			TB10-013	SV4823BV1OI	A8	7	7	5	ASD143
			TB10-014		B8				
			TB10-015	SV4823BV1CI	A9	8	7	5	ASD143
			TB10-016		B9				
			TB10-017	SV4823BOI	A10	9	7	5	ASD143
			TB10-018		B10				
			TB10-019	SV4823BCI	A11	10	7	5	ASD143
			TB10-020		B11				
			TB10-021	LSH4318S	A12	11	7	5	ASD143
			TB10-022		B12				
			TB10-023	LSH4320S	A13	12	7	5	ASD143
			TB10-024		B13				
			TB10-025	LSH4321S	A15	13	7	5	ASD143
			TB10-026		B15				
			TB10-027	LSH4970S	A16	14	7	5	ASD143
			TB10-028		B16				
			TB10-029	LSH4211BS	A17	15	7	5	ASD143
			TB10-030		B17				
			TB10-031	LSH4811S	A18	16	7	5	ASD143
			TB10-032		B18				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	63-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	63
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001	64

YOKOGAWA

Signal Type :		
~~HSC~~	~~RTD~~	
~~AI~~	~~AO~~	
DI	~~DO~~	
IS	~~NIS~~	
HART	NON HART	

Cabinet No :	FCS0201
BD4 + BD4/5 OFFSITE (MC3)	SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB10-033	LSH4811BS	A1	1	8	5	ASD143
			TB10-034		B1				
			TB10-035	LSH4812S	A2	2	8	5	ASD143
			TB10-036		B2				
			TB10-037	LSH4822S	A3	3	8	5	ASD143
			TB10-038		B3				
			TB10-039	LSH4823S	A4	4	8	5	ASD143
			TB10-040		B4				
			TB10-041	LSH4824S	A6	5	8	5	ASD143
			TB10-042		B6				
			TB10-043	LSH92001S	A7	6	8	5	ASD143
			TB10-044		B7				
			TB10-045	LSH92002S	A8	7	8	5	ASD143
			TB10-046		B8				
			TB10-047	LSH92003S	A9	8	8	5	ASD143
			TB10-048		B9				
			TB10-049	LSH92004S	A10	9	8	5	ASD143
			TB10-050		B10				
			TB10-051	LSH92005S	A11	10	8	5	ASD143
			TB10-052		B11				
			TB10-053	LSH92006S	A12	11	8	5	ASD143
			TB10-054		B12				
			TB10-055	LSH92007S	A13	12	8	5	ASD143
			TB10-056		B13				
			TB10-057	LSH92008S	A15	13	8	5	ASD143
			TB10-058		B15				
			TB10-059	LSH92009S	A16	14	8	5	ASD143
			TB10-060		B16				
			TB10-061	LSH92010S	A17	15	8	5	ASD143
			TB10-062		B17				
			TB10-063	LSH92011S	A18	16	8	5	ASD143
			TB10-064		B18				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	64-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	64
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001	65

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
IS	~~NIS~~
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC3)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB10-065	LSH4931S	A1	1	9	5	ASD143
			TB10-066		B1				
			TB10-067	LSH4937S	A2	2	9	5	ASD143
			TB10-068		B2				
			TB10-069	LSH4961BS	A3	3	9	5	ASD143
			TB10-070		B3				
			TB10-071	LSL4961AS	A4	4	9	5	ASD143
			TB10-072		B4				
			TB10-073	SV4900OI	A6	5	9	5	ASD143
			TB10-074		B6				
			TB10-075	SV4900CI	A7	6	9	5	ASD143
			TB10-076		B7				
			TB10-077	SV4961OI	A8	7	9	5	ASD143
			TB10-078		B8				
			TB10-079	SV4961CI	A9	8	9	5	ASD143
			TB10-080		B9				
			TB10-081	SV4801AOI	A10	9	9	5	ASD143
			TB10-082		B10				
			TB10-083	SV4801ACI	A11	10	9	5	ASD143
			TB10-084		B11				
			TB10-085	SV4801BOI	A12	11	9	5	ASD143
			TB10-086		B12				
			TB10-087	SV4801BCI	A13	12	9	5	ASD143
			TB10-088		B13				
			TB10-089	SV4821AOI	A15	13	9	5	ASD143
			TB10-090		B15				
			TB10-091	SV4821ACI	A16	14	9	5	ASD143
			TB10-092		B16				
			TB10-093	SV4821BOI	A17	15	9	5	ASD143
			TB10-094		B17				
			TB10-095	SV4821BCI	A18	16	9	5	ASD143
			TB10-096		B18				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	65-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	65
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001	66

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No : BD4 + BD4/5 OFFSITE (MC4)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-001	VFDI-PU4126	A1	1	11	1	AAI143
			TB11-002		B1				
			TB11-003	VFDI-MX4123	A2	2	11	1	AAI143
			TB11-004		B2				
			TB11-005	VFDI-MX4128	A3	3	11	1	AAI143
			TB11-006		B3				
			TB11-007	VFDI-AG4122	A4	4	11	1	AAI143
			TB11-008		B4				
			TB11-009	VFDI-AG4123	A5	5	11	1	AAI143
			TB11-010		B5				
			TB11-011	VFDI-PU4132	A6	6	11	1	AAI143
			TB11-012		B6				
			TB11-013	VFDI-PU4160A	A7	7	11	1	AAI143
			TB11-014		B7				
			TB11-015	VFDI-PU4160B	A8	8	11	1	AAI143
			TB11-016		B8				
			TB11-017	VFDI-PU4821A	A9	9	11	1	AAI143
			TB11-018		B9				
			TB11-019	VFDI-PU4821B	A10	10	11	1	AAI143
			TB11-020		B10				
			TB11-021	VFDI-MX4134	A11	11	11	1	AAI143
			TB11-022		B11				
			TB11-023	VFDI-PU4137	A12	12	11	1	AAI143
			TB11-024		B12				
			TB11-025	VFDI-PU4140A	A13	13	11	1	AAI143
			TB11-026		B13				
			TB11-027	VFDI-PU4140B	A14	14	11	1	AAI143
			TB11-028		B14				
			TB11-029	VFDI-PU4211	A15	15	11	1	AAI143
			TB11-030		B15				
			TB11-031	VFDI-PU4214A	A16	16	11	1	AAI143
			TB11-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	66-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	66
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001	67

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No : BD4 + BD4/5 OFFSITE (MC4)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-033	VFDI-PU4233	A1	1	11	2	AAI143
			TB11-034		B1				
			TB11-035	SPARE	A2	2	11	2	AAI143
			TB11-036		B2				
			TB11-037	VFDI-PU4214B1	A3	3	11	2	AAI143
			TB11-038		B3				
			TB11-039	VFDI-PU4214B2	A4	4	11	2	AAI143
			TB11-040		B4				
			TB11-041	VFDI-PU4311	A5	5	11	2	AAI143
			TB11-042		B5				
			TB11-043	VFDI-PU4320	A6	6	11	2	AAI143
			TB11-044		B6				
			TB11-045	VFDI-PU4321	A7	7	11	2	AAI143
			TB11-046		B7				
			TB11-047	VFDI-PU4211B	A8	8	11	2	AAI143
			TB11-048		B8				
			TB11-049	VFDI-PU4822A	A9	9	11	2	AAI143
			TB11-050		B9				
			TB11-051	VFDI-PU4822B	A10	10	11	2	AAI143
			TB11-052		B10				
			TB11-053	VFDI-PU4823A	A11	11	11	2	AAI143
			TB11-054		B11				
			TB11-055	VFDI-PU4823B	A12	12	11	2	AAI143
			TB11-056		B12				
			TB11-057	VFDI-PU4801A	A13	13	11	2	AAI143
			TB11-058		B13				
			TB11-059	VFDI-PU4801B	A14	14	11	2	AAI143
			TB11-060		B14				
			TB11-061	VFDI-PU5801A	A15	15	11	2	AAI143
			TB11-062		B15				
			TB11-063	VFDI-PU5801B	A16	16	11	2	AAI143
			TB11-064		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	67-AI
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE	SHT. NO. 67
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001	CONT'D 68

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No : BD4 + BD4/5 OFFSITE (MC4)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-065	LT4801	A1	1	11	3	AAI143
			TB11-066		B1				
			TB11-067	LT4831	A2	2	11	3	AAI143
			TB11-068		B2				
			TB11-069	LT4832	A3	3	11	3	AAI143
			TB11-070		B3				
			TB11-071	LT92005	A4	4	11	3	AAI143
			TB11-072		B4				
			TB11-073	LT92006	A5	5	11	3	AAI143
			TB11-074		B5				
			TB11-075	LT92007	A6	6	11	3	AAI143
			TB11-076		B6				
			TB11-077	LT92008	A7	7	11	3	AAI143
			TB11-078		B7				
			TB11-079	LT92009	A8	8	11	3	AAI143
			TB11-080		B8				
			TB11-081	LT92010	A9	9	11	3	AAI143
			TB11-082		B9				
			TB11-083	LT92011	A10	10	11	3	AAI143
			TB11-084		B10				
			TB11-085	TT4801	A11	11	11	3	AAI143
			TB11-086		B11				
			TB11-087	TT4831	A12	12	11	3	AAI143
			TB11-088		B12				
			TB11-089	TT4832	A13	13	11	3	AAI143
			TB11-090		B13				
			TB11-091	TT92005	A14	14	11	3	AAI143
			TB11-092		B14				
			TB11-093	TT92006	A15	15	11	3	AAI143
			TB11-094		B15				
			TB11-095	TT92007	A16	16	11	3	AAI143
			TB11-096		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	68-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	68
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WPMEGLY-D32-001	69

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No : BD4 + BD4/5 OFFSITE (MC4)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-097	TT92008	A1	1	12	1	AAI143
			TB11-098		B1				
			TB11-099	TT92009	A2	2	12	1	AAI143
			TB11-100		B2				
			TB11-101	TT92010	A3	3	12	1	AAI143
			TB11-102		B3				
			TB11-103	TT92011	A4	4	12	1	AAI143
			TB11-104		B4				
			TB11-105	LT5801	A5	5	12	1	AAI143
			TB11-106		B5				
			TB11-107	LT5831	A6	6	12	1	AAI143
			TB11-108		B6				
			TB11-109	LT5832	A7	7	12	1	AAI143
			TB11-110		B7				
			TB11-111	TT5801	A8	8	12	1	AAI143
			TB11-112		B8				
			TB11-113	TT5831	A9	9	12	1	AAI143
			TB11-114		B9				
			TB11-115	TT5832	A10	10	12	1	AAI143
			TB11-116		B10				
			TB11-117	VFDI-AG4812	A11	11	12	1	AAI143
			TB11-118		B11				
			TB11-119	VFDI-PU4323A	A12	12	12	1	AAI143
			TB11-120		B12				
			TB11-121	AG4122AMP	A13	13	12	1	AAI143
			TB11-122		B13				
			TB11-123	AG4123AMP	A14	14	12	1	AAI143
			TB11-124		B14				
			TB11-125	PT250AR3	A15	15	12	1	AAI143
			TB11-126		B15				
			TB11-127	PT250N1	A16	16	12	1	AAI143
			TB11-128		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	69-AI
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE	SHT. NO. 69
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001	CONT'D 70

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No : BD4 + BD4/5 OFFSITE (MC4)

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-129	LT92007A	A1	1	12	2	AAI143
			TB11-130		B1				
			TB11-131	SPARE	A2	2	12	2	AAI143
			TB11-132		B2				
			TB11-133	SPARE	A3	3	12	2	AAI143
			TB11-134		B3				
			TB11-135	SPARE	A4	4	12	2	AAI143
			TB11-136		B4				
			TB11-137	SPARE	A5	5	12	2	AAI143
			TB11-138		B5				
			TB11-139	SPARE	A6	6	12	2	AAI143
			TB11-140		B6				
			TB11-141	SPARE	A7	7	12	2	AAI143
			TB11-142		B7				
			TB11-143	SPARE	A8	8	12	2	AAI143
			TB11-144		B8				
			TB11-145	SPARE	A9	9	12	2	AAI143
			TB11-146		B9				
			TB11-147	SPARE	A10	10	12	2	AAI143
			TB11-148		B10				
			TB11-149	SPARE	A11	11	12	2	AAI143
			TB11-150		B11				
			TB11-151	SPARE	A12	12	12	2	AAI143
			TB11-152		B12				
			TB11-153	SPARE	A13	13	12	2	AAI143
			TB11-154		B13				
			TB11-155	SPARE	A14	14	12	2	AAI143
			TB11-156		B14				
			TB11-157	SPARE	A15	15	12	2	AAI143
			TB11-158		B15				
			TB11-159	SPARE	A16	16	12	2	AAI143
			TB11-160		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	70-AI
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE	SHT. NO. 70
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WPMEGLY-D32-001	CONT'D 71

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-1
0VDC-1 24VDC-1

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB12-001	PU4112STI	A1	1	11	4	ADV151
			TB12-002		A17				
			TB12-003	PU4112TRI	A2	2	11	4	ADV151
			TB12-004		A17				
			TB12-005	PU4126STI	A3	3	11	4	ADV151
			TB12-006		A17				
			TB12-007	PU4126TRI	A4	4	11	4	ADV151
			TB12-008		A17				
			TB12-009	PU4126TRV	A5	5	11	4	ADV151
			TB12-010		A17				
			TB12-011	MX4123STI	A6	6	11	4	ADV151
			TB12-012		A17				
			TB12-013	MX4123TRI	A7	7	11	4	ADV151
			TB12-014		A17				
			TB12-015	MX4123TRV	A8	8	11	4	ADV151
			TB12-016		A17				
			TB12-017	MX4128STI	A9	9	11	4	ADV151
			TB12-018		A17				
			TB12-019	MX4128TRI	A10	10	11	4	ADV151
			TB12-020		A17				
			TB12-021	MX4128TRV	A11	11	11	4	ADV151
			TB12-022		A17				
			TB12-023	AG4122STI	A12	12	11	4	ADV151
			TB12-024		A17				
			TB12-025	AG4122TRI	A13	13	11	4	ADV151
			TB12-026		A17				
			TB12-027	AG4122TRV	A14	14	11	4	ADV151
			TB12-028		A17				
			TB12-029	AG4123STI	A15	15	11	4	ADV151
			TB12-030		A17				
			TB12-031	AG4123TRI	A16	16	11	4	ADV151
			TB12-032		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	71-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	71
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	72

YOKOGAWA

Signal Type :		Cabinet No :		
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC4)		FCS0201
~~AI~~	~~AO~~			
DI	~~DO~~			
~~IS~~	NIS			
HART	NON HART	MCB3-1		SYSTEM I/O
		0VDC-1	24VDC-1	

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB12-033	AG4123TRV	B1	17	11	4	ADV151
			TB12-034		B17				
			TB12-035	PU4210ASTI	B2	18	11	4	ADV151
			TB12-036		B17				
			TB12-037	PU4210ATRI	B3	19	11	4	ADV151
			TB12-038		B17				
			TB12-039	PU4210BSTI	B4	20	11	4	ADV151
			TB12-040		B17				
			TB12-041	PU4210BTRI	B5	21	11	4	ADV151
			TB12-042		B17				
			TB12-043	PU4310STI	B6	22	11	4	ADV151
			TB12-044		B17				
			TB12-045	PU4310TRI	B7	23	11	4	ADV151
			TB12-046		B17				
			TB12-047	PU4132STI	B8	24	11	4	ADV151
			TB12-048		B17				
			TB12-049	PU4132TRI	B9	25	11	4	ADV151
			TB12-050		B17				
			TB12-051	PU4132TRV	B10	26	11	4	ADV151
			TB12-052		B17				
			TB12-053	PU4160ASTI	B11	27	11	4	ADV151
			TB12-054		B17				
			TB12-055	PU4160ATRI	B12	28	11	4	ADV151
			TB12-056		B17				
			TB12-057	PU4160ATRV	B13	29	11	4	ADV151
			TB12-058		B17				
			TB12-059	PU4160BSTI	B14	30	11	4	ADV151
			TB12-060		B17				
			TB12-061	PU4160BTRI	B15	31	11	4	ADV151
			TB12-062		B17				
			TB12-063	PU4160BTRV	B16	32	11	4	ADV151
			TB12-064		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	72-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	72
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	73

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-2
0VDC-2 24VDC-2

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB12-065	PU4821ASTI	A1	1	11	5	ADV151
			TB12-066		A17				
			TB12-067	PU4821ATRI	A2	2	11	5	ADV151
			TB12-068		A17				
			TB12-069	PU4821ATRV	A3	3	11	5	ADV151
			TB12-070		A17				
			TB12-071	PU4821BSTI	A4	4	11	5	ADV151
			TB12-072		A17				
			TB12-073	PU4821BTRI	A5	5	11	5	ADV151
			TB12-074		A17				
			TB12-075	PU4821BTRV	A6	6	11	5	ADV151
			TB12-076		A17				
			TB12-077	MX4134STI	A7	7	11	5	ADV151
			TB12-078		A17				
			TB12-079	MX4134TRI	A8	8	11	5	ADV151
			TB12-080		A17				
			TB12-081	MX4134TRV	A9	9	11	5	ADV151
			TB12-082		A17				
			TB12-083	PU4137STI	A10	10	11	5	ADV151
			TB12-084		A17				
			TB12-085	PU4137TRI	A11	11	11	5	ADV151
			TB12-086		A17				
			TB12-087	PU4137TRV	A12	12	11	5	ADV151
			TB12-088		A17				
			TB12-089	PU4140ASTI	A13	13	11	5	ADV151
			TB12-090		A17				
			TB12-091	PU4140ATRI	A14	14	11	5	ADV151
			TB12-092		A17				
			TB12-093	PU4140ATRV	A15	15	11	5	ADV151
			TB12-094		A17				
			TB12-095	PU4140BSTI	A16	16	11	5	ADV151
			TB12-096		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	73-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	73
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	74

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-2
0VDC-2 24VDC-2

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB12-097	PU4140BTRI	B1	17	11	5	ADV151
			TB12-098		B17				
			TB12-099	PU4140BTRV	B2	18	11	5	ADV151
			TB12-100		B17				
			TB12-101	PU4211STI	B3	19	11	5	ADV151
			TB12-102		B17				
			TB12-103	PU4211TRI	B4	20	11	5	ADV151
			TB12-104		B17				
			TB12-105	PU4211TRV	B5	21	11	5	ADV151
			TB12-106		B17				
			TB12-107	PU4213STI	B6	22	11	5	ADV151
			TB12-108		B17				
			TB12-109	PU4213TRI	B7	23	11	5	ADV151
			TB12-110		B17				
			TB12-111	PU4214ASTI	B8	24	11	5	ADV151
			TB12-112		B17				
			TB12-113	PU4214ATRI	B9	25	11	5	ADV151
			TB12-114		B17				
			TB12-115	PU4214ATRV	B10	26	11	5	ADV151
			TB12-116		B17				
			TB12-117	PU4233STI	B11	27	11	5	ADV151
			TB12-118		B17				
			TB12-119	PU4233TRI	B12	28	11	5	ADV151
			TB12-120		B17				
			TB12-121	PU4233TRV	B13	29	11	5	ADV151
			TB12-122		B17				
			TB12-123	AG4213STI	B14	30	11	5	ADV151
			TB12-124		B17				
			TB12-125	AG4213TRI	B15	31	11	5	ADV151
			TB12-126		B17				
			TB12-127	AG4213TRV	B16	32	11	5	ADV151
			TB12-128		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	74-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	74
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	75

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-3
0VDC-3 24VDC-3

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB12-129	PU4214B1STI	A1	1	11	6	ADV151
			TB12-130		A17				
			TB12-131	PU4214B1TRI	A2	2	11	6	ADV151
			TB12-132		A17				
			TB12-133	PU4214B1TRV	A3	3	11	6	ADV151
			TB12-134		A17				
			TB12-135	PU4214B2STI	A4	4	11	6	ADV151
			TB12-136		A17				
			TB12-137	PU4214B2TRI	A5	5	11	6	ADV151
			TB12-138		A17				
			TB12-139	PU4214B2TRV	A6	6	11	6	ADV151
			TB12-140		A17				
			TB12-141	PU4216ASTI	A7	7	11	6	ADV151
			TB12-142		A17				
			TB12-143	PU4216ATRI	A8	8	11	6	ADV151
			TB12-144		A17				
			TB12-145	PU4216BSTI	A9	9	11	6	ADV151
			TB12-146		A17				
			TB12-147	PU4216BTRI	A10	10	11	6	ADV151
			TB12-148		A17				
			TB12-149	PU4219STI	A11	11	11	6	ADV151
			TB12-150		A17				
			TB12-151	PU4219TRI	A12	12	11	6	ADV151
			TB12-152		A17				
			TB12-153	PU4311STI	A13	13	11	6	ADV151
			TB12-154		A17				
			TB12-155	PU4311TRI	A14	14	11	6	ADV151
			TB12-156		A17				
			TB12-157	PU4311TRV	A15	15	11	6	ADV151
			TB12-158		A17				
			TB12-159	PU4319ASTI	A16	16	11	6	ADV151
			TB12-160		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	75-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	75
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	76

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-3
0VDC-3 24VDC-3

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB12-161	PU4319ATRI	B1	17	11	6	ADV151
			TB12-162		B17				
			TB12-163	PU4319BSTI	B2	18	11	6	ADV151
			TB12-164		B17				
			TB12-165	PU4319BTRI	B3	19	11	6	ADV151
			TB12-166		B17				
			TB12-167	PU4320STI	B4	20	11	6	ADV151
			TB12-168		B17				
			TB12-169	PU4320TRI	B5	21	11	6	ADV151
			TB12-170		B17				
			TB12-171	PU4320TRV	B6	22	11	6	ADV151
			TB12-172		B17				
			TB12-173	PU4321STI	B7	23	11	6	ADV151
			TB12-174		B17				
			TB12-175	PU4321TRI	B8	24	11	6	ADV151
			TB12-176		B17				
			TB12-177	PU4321TRV	B9	25	11	6	ADV151
			TB12-178		B17				
			TB12-179	PU4811BSTI	B10	26	11	6	ADV151
			TB12-180		B17				
			TB12-181	PU4811BTRI	B11	27	11	6	ADV151
			TB12-182		B17				
			TB12-183	PU4812BSTI	B12	28	11	6	ADV151
			TB12-184		B17				
			TB12-185	PU4812BTRI	B13	29	11	6	ADV151
			TB12-186		B17				
			TB12-187	SPARE	B14	30	11	6	ADV151
			TB12-188		B17				
			TB12-189	SPARE	B15	31	11	6	ADV151
			TB12-190		B17				
			TB12-191	SPARE	B16	32	11	6	ADV151
			TB12-192		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	76-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	76
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	77

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-4
0VDC-4 24VDC-4

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Model*
			TB13-001	PU4211BSTI	A1	1	12	3	ADV151
			TB13-002		A17				
			TB13-003	PU4211BTRI	A2	2	12	3	ADV151
			TB13-004		A17				
			TB13-005	PU4211BTRV	A3	3	12	3	ADV151
			TB13-006		A17				
			TB13-007	PU4323ASTI	A4	4	12	3	ADV151
			TB13-008		A17				
			TB13-009	PU4323ATRI	A5	5	12	3	ADV151
			TB13-010		A17				
			TB13-011	PU4323ATRV	A6	6	12	3	ADV151
			TB13-012		A17				
			TB13-013	SPARE	A7	7	12	3	ADV151
			TB13-014		A17				
			TB13-015	SPARE	A8	8	12	3	ADV151
			TB13-016		A17				
			TB13-017	SPARE	A9	9	12	3	ADV151
			TB13-018		A17				
			TB13-019	PU4811STI	A10	10	12	3	ADV151
			TB13-020		A17				
			TB13-021	PU4811TRI	A11	11	12	3	ADV151
			TB13-022		A17				
			TB13-023	PU4812STI	A12	12	12	3	ADV151
			TB13-024		A17				
			TB13-025	PU4812TRI	A13	13	12	3	ADV151
			TB13-026		A17				
			TB13-027	PU4822ASTI	A14	14	12	3	ADV151
			TB13-028		A17				
			TB13-029	PU4822ATRI	A15	15	12	3	ADV151
			TB13-030		A17				
			TB13-031	PU4822ATRV	A16	16	12	3	ADV151
			TB13-032		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	77-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	77
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	78

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-4
0VDC-4 24VDC-4

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB13-033	PU4822BSTI	B1	17	12	3	ADV151
			TB13-034		B17				
			TB13-035	PU4822BTRI	B2	18	12	3	ADV151
			TB13-036		B17				
			TB13-037	PU4822BTRV	B3	19	12	3	ADV151
			TB13-038		B17				
			TB13-039	PU4823ASTI	B4	20	12	3	ADV151
			TB13-040		B17				
			TB13-041	PU4823ATRI	B5	21	12	3	ADV151
			TB13-042		B17				
			TB13-043	PU4823ATRV	B6	22	12	3	ADV151
			TB13-044		B17				
			TB13-045	PU4823BSTI	B7	23	12	3	ADV151
			TB13-046		B17				
			TB13-047	PU4823BTRI	B8	24	12	3	ADV151
			TB13-048		B17				
			TB13-049	PU4823BTRV	B9	25	12	3	ADV151
			TB13-050		B17				
			TB13-051	AG4812STI	B10	26	12	3	ADV151
			TB13-052		B17				
			TB13-053	AG4812TRI	B11	27	12	3	ADV151
			TB13-054		B17				
			TB13-055	AG4812TRV	B12	28	12	3	ADV151
			TB13-056		B17				
			TB13-057	AG4823STI	B13	29	12	3	ADV151
			TB13-058		B17				
			TB13-059	AG4823TRI	B14	30	12	3	ADV151
			TB13-060		B17				
			TB13-061	AG4323STI	B15	31	12	3	ADV151
			TB13-062		B17				
			TB13-063	AG4323TRI	B16	32	12	3	ADV151
			TB13-064		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	78-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	78
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	79

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-5
0VDC-5 24VDC-5

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB13-065	BDUPS-FAIL	A1	1	12	4	ADV151
			TB13-066		A17				
			TB13-067	BDUPS-BYPASS	A2	2	12	4	ADV151
			TB13-068		A17				
			TB13-069	BDUPS-LINELOSS	A3	3	12	4	ADV151
			TB13-070		A17				
			TB13-071	PU4932STI	A4	4	12	4	ADV151
			TB13-072		A17				
			TB13-073	PU4932TRI	A5	5	12	4	ADV151
			TB13-074		A17				
			TB13-075	PU4970STI	A6	6	12	4	ADV151
			TB13-076		A17				
			TB13-077	PU4970TRI	A7	7	12	4	ADV151
			TB13-078		A17				
			TB13-079	SPARE	A8	8	12	4	ADV151
			TB13-080		A17				
			TB13-081	SPARE	A9	9	12	4	ADV151
			TB13-082		A17				
			TB13-083	SPARE	A10	10	12	4	ADV151
			TB13-084		A17				
			TB13-085	PU4801ASTI	A11	11	12	4	ADV151
			TB13-086		A17				
			TB13-087	PU4801ATRI	A12	12	12	4	ADV151
			TB13-088		A17				
			TB13-089	PU4801ATRV	A13	13	12	4	ADV151
			TB13-090		A17				
			TB13-091	PU4801BSTI	A14	14	12	4	ADV151
			TB13-092		A17				
			TB13-093	PU4801BTRI	A15	15	12	4	ADV151
			TB13-094		A17				
			TB13-095	PU4801BTRV	A16	16	12	4	ADV151
			TB13-096		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	79-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	79
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	80

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-5
0VDC-5 24VDC-5

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB13-097	PU4802STI	B1	17	12	4	ADV151
			TB13-098		B17				
			TB13-099	PU4802TRI	B2	18	12	4	ADV151
			TB13-100		B17				
			TB13-101	PU4831STI	B3	19	12	4	ADV151
			TB13-102		B17				
			TB13-103	PU4831TRI	B4	20	12	4	ADV151
			TB13-104		B17				
			TB13-105	PU92001STI	B5	21	12	4	ADV151
			TB13-106		B17				
			TB13-107	PU92001TRI	B6	22	12	4	ADV151
			TB13-108		B17				
			TB13-109	PU92003STI	B7	23	12	4	ADV151
			TB13-110		B17				
			TB13-111	PU92003TRI	B8	24	12	4	ADV151
			TB13-112		B17				
			TB13-113	PU92005STI	B9	25	12	4	ADV151
			TB13-114		B17				
			TB13-115	PU92005TRI	B10	26	12	4	ADV151
			TB13-116		B17				
			TB13-117	PU92006STI	B11	27	12	4	ADV151
			TB13-118		B17				
			TB13-119	PU92006TRI	B12	28	12	4	ADV151
			TB13-120		B17				
			TB13-121	PU92007STI	B13	29	12	4	ADV151
			TB13-122		B17				
			TB13-123	PU92007TRI	B14	30	12	4	ADV151
			TB13-124		B17				
			TB13-125	PU92008ASTI	B15	31	12	4	ADV151
			TB13-126		B17				
			TB13-127	PU92008ATRI	B16	32	12	4	ADV151
			TB13-128		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	80-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	80
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	81

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-6
0VDC-6 24VDC-6

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB13-129	PU92008BSTI	A1	1	12	5	ADV151
			TB13-130		A17				
			TB13-131	PU92008BTRI	A2	2	12	5	ADV151
			TB13-132		A17				
			TB13-133	PU92009STI	A3	3	12	5	ADV151
			TB13-134		A17				
			TB13-135	PU92009TRI	A4	4	12	5	ADV151
			TB13-136		A17				
			TB13-137	PU4931ASTI	A5	5	12	5	ADV151
			TB13-138		A17				
			TB13-139	PU4931ATRI	A6	6	12	5	ADV151
			TB13-140		A17				
			TB13-141	PU4931BSTI	A7	7	12	5	ADV151
			TB13-142		A17				
			TB13-143	PU4931BTRI	A8	8	12	5	ADV151
			TB13-144		A17				
			TB13-145	PU4937ASTI	A9	9	12	5	ADV151
			TB13-146		A17				
			TB13-147	PU4937ATRI	A10	10	12	5	ADV151
			TB13-148		A17				
			TB13-149	PU4937BSTI	A11	11	12	5	ADV151
			TB13-150		A17				
			TB13-151	PU4937BTRI	A12	12	12	5	ADV151
			TB13-152		A17				
			TB13-153	PU4961ASTI	A13	13	12	5	ADV151
			TB13-154		A17				
			TB13-155	PU4961ATRI	A14	14	12	5	ADV151
			TB13-156		A17				
			TB13-157	PU4961BSTI	A15	15	12	5	ADV151
			TB13-158		A17				
			TB13-159	PU4961BTRI	A16	16	12	5	ADV151
			TB13-160		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	81-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	81
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	82

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-6
0VDC-6 24VDC-6

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB13-161	PU4961CSTI	B1	17	12	5	ADV151
			TB13-162		B17				
			TB13-163	PU4961CTRI	B2	18	12	5	ADV151
			TB13-164		B17				
			TB13-165	CT4961ASTI	B3	19	12	5	ADV151
			TB13-166		B17				
			TB13-167	CT4961ATRI	B4	20	12	5	ADV151
			TB13-168		B17				
			TB13-169	CT4961BSTI	B5	21	12	5	ADV151
			TB13-170		B17				
			TB13-171	CT4961BTRI	B6	22	12	5	ADV151
			TB13-172		B17				
			TB13-173	CT4961CSTI	B7	23	12	5	ADV151
			TB13-174		B17				
			TB13-175	CT4961CTRI	B8	24	12	5	ADV151
			TB13-176		B17				
			TB13-177	PU5801ASTI	B9	25	12	5	ADV151
			TB13-178		B17				
			TB13-179	PU5801ATRI	B10	26	12	5	ADV151
			TB13-180		B17				
			TB13-181	PU5801ATRV	B11	27	12	5	ADV151
			TB13-182		B17				
			TB13-183	PU5801BSTI	B12	28	12	5	ADV151
			TB13-184		B17				
			TB13-185	PU5801BTRI	B13	29	12	5	ADV151
			TB13-186		B17				
			TB13-187	PU5801BTRV	B14	30	12	5	ADV151
			TB13-188		B17				
			TB13-189	SPARE	B15	31	12	5	ADV151
			TB13-190		B17				
			TB13-191	SPARE	B16	32	12	5	ADV151
			TB13-192		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	82-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	82
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	83

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-7
0VDC-7 24VDC-7

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB13-193	SPARE	A1	1	12	6	ADV151
			TB13-194		A17				
			TB13-195	PU5802STI	A2	2	12	6	ADV151
			TB13-196		A17				
			TB13-197	PU5802TRI	A3	3	12	6	ADV151
			TB13-198		A17				
			TB13-199	PU5831STI	A4	4	12	6	ADV151
			TB13-200		A17				
			TB13-201	PU5831TRI	A5	5	12	6	ADV151
			TB13-202		A17				
			TB13-203	SPARE	A6	6	12	6	ADV151
			TB13-204		A17				
			TB13-205	SPARE	A7	7	12	6	ADV151
			TB13-206		A17				
			TB13-207	SPARE	A8	8	12	6	ADV151
			TB13-208		A17				
			TB13-209	SPARE	A9	9	12	6	ADV151
			TB13-210		A17				
			TB13-211	SPARE	A10	10	12	6	ADV151
			TB13-212		A17				
			TB13-213	SPARE	A11	11	12	6	ADV151
			TB13-214		A17				
			TB13-215	SPARE	A12	12	12	6	ADV151
			TB13-216		A17				
			TB13-217	SPARE	A13	13	12	6	ADV151
			TB13-218		A17				
			TB13-219	SPARE	A14	14	12	6	ADV151
			TB13-220		A17				
			TB13-221	SPARE	A15	15	12	6	ADV151
			TB13-222		A17				
			TB13-223	SPARE	A16	16	12	6	ADV151
			TB13-224		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	83-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	83
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	84

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC4)

MCB3-7
0VDC-7 24VDC-7

FCS0201

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB13-225	SPARE	B1	17	12	6	ADV151
			TB13-226		B17				
			TB13-227	SPARE	B2	18	12	6	ADV151
			TB13-228		B17				
			TB13-229	SPARE	B3	19	12	6	ADV151
			TB13-230		B17				
			TB13-231	SPARE	B4	20	12	6	ADV151
			TB13-232		B17				
			TB13-233	SPARE	B5	21	12	6	ADV151
			TB13-234		B17				
			TB13-235	SPARE	B6	22	12	6	ADV151
			TB13-236		B17				
			TB13-237	SPARE	B7	23	12	6	ADV151
			TB13-238		B17				
			TB13-239	SPARE	B8	24	12	6	ADV151
			TB13-240		B17				
			TB13-241	SPARE	B9	25	12	6	ADV151
			TB13-242		B17				
			TB13-243	SPARE	B10	26	12	6	ADV151
			TB13-244		B17				
			TB13-245	SPARE	B11	27	12	6	ADV151
			TB13-246		B17				
			TB13-247	SPARE	B12	28	12	6	ADV151
			TB13-248		B17				
			TB13-249	SPARE	B13	29	12	6	ADV151
			TB13-250		B17				
			TB13-251	SPARE	B14	30	12	6	ADV151
			TB13-252		B17				
			TB13-253	SPARE	B15	31	12	6	ADV151
			TB13-254		B17				
			TB13-255	SPARE	B16	32	12	6	ADV151
			TB13-256		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	84-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	84
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	85

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 PORTION
(MC5)

FCS0201

SYSTEM I/O

MCB3-11 OVDC-11 24VDC-11

MCB3-8 24VDC-8 OVDC-8

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB14-001	14	R1-1	A2	PU4112O	A1	1	13	4	ADV551
			TB14-002	11		A1						
			TB14-003	14	R1-2	A2	PU4126O	A2	2	13	4	ADV551
			TB14-004	11		A1						
			TB14-005	14	R1-3	A2	MX4123O	A3	3	13	4	ADV551
			TB14-006	11		A1						
			TB14-007	14	R1-4	A2	MX4128O	A4	4	13	4	ADV551
			TB14-008	11		A1						
			TB14-009	14	R1-5	A2	AG4122O	A5	5	13	4	ADV551
			TB14-010	11		A1						
			TB14-011	14	R1-6	A2	AG4123O	A6	6	13	4	ADV551
			TB14-012	11		A1						
			TB14-013	14	R1-7	A2	PU4210AO	A7	7	13	4	ADV551
			TB14-014	11		A1						
			TB14-015	14	R1-8	A2	PU4210BO	A8	8	13	4	ADV551
			TB14-016	11		A1						
			TB14-017	14	R1-9	A2	PU4310O	A9	9	13	4	ADV551
			TB14-018	11		A1						
			TB14-019	14	R1-10	A2	PU4132O	A10	10	13	4	ADV551
			TB14-020	11		A1						
			TB14-021	14	R1-11	A2	PU4160AO	A11	11	13	4	ADV551
			TB14-022	11		A1						
			TB14-023	14	R1-12	A2	PU4160BO	A12	12	13	4	ADV551
			TB14-024	11		A1						
			TB14-025	14	R1-13	A2	PU4821AO	A13	13	13	4	ADV551
			TB14-026	11		A1						
			TB14-027	14	R1-14	A2	PU4821BO	A14	14	13	4	ADV551
			TB14-028	11		A1						
			TB14-029	14	R1-15	A2	MX4134O	A15	15	13	4	ADV551
			TB14-030	11		A1						
			TB14-031	14	R1-16	A2	PU4137O	A16	16	13	4	ADV551
			TB14-032	11		A1						
								A17	-	13	4	ADV551
								A18	+			

BD4 + BD4/5 OFFSITE

GENERAL D BD4 + BD4	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	85-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	15/01/09							BD4 PORTION	85
FILENAME	APP.	DATE							DOC. NO.	CONT NO
BD4 PORTION	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	86

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 PORTION
(MC5)

FCS0201

SYSTEM I/O

MCB3-11 OVDC-11 24VDC-11

MCB3-8 24VDC-8 OVDC-8

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB14-033	14	R1-17	A2	PU4140AO	B1	17	13	4	ADV551
			TB14-034	11		A1						
			TB14-035	14	R1-18	A2	PU4140BO	B2	18	13	4	ADV551
			TB14-036	11		A1						
			TB14-037	14	R1-19	A2	PU4211O	B3	19	13	4	ADV551
			TB14-038	11		A1						
			TB14-039	14	R1-20	A2	PU4213O	B4	20	13	4	ADV551
			TB14-040	11		A1						
			TB14-041	14	R1-21	A2	PU4214AO	B5	21	13	4	ADV551
			TB14-042	11		A1						
			TB14-043	14	R1-22	A2	PU4233O	B6	22	13	4	ADV551
			TB14-044	11		A1						
			TB14-045	14	R1-23	A2	AG4213O	B7	23	13	4	ADV551
			TB14-046	11		A1						
			TB14-047	14	R1-24	A2	PU4214B1O	B8	24	13	4	ADV551
			TB14-048	11		A1						
			TB14-049	14	R1-25	A2	PU4214B2O	B9	25	13	4	ADV551
			TB14-050	11		A1						
			TB14-051	14	R1-26	A2	PU4216AO	B10	26	13	4	ADV551
			TB14-052	11		A1						
			TB14-053	14	R1-27	A2	PU4216BO	B11	27	13	4	ADV551
			TB14-054	11		A1						
			TB14-055	14	R1-28	A2	PU4219O	B12	28	13	4	ADV551
			TB14-056	11		A1						
			TB14-057	14	R1-29	A2	PU4311O	B13	29	13	4	ADV551
			TB14-058	11		A1						
			TB14-059	14	R1-30	A2	PU4319AO	B14	30	13	4	ADV551
			TB14-060	11		A1						
			TB14-061	14	R1-31	A2	PU4319BO	B15	31	13	4	ADV551
			TB14-062	11		A1						
			TB14-063	14	R1-32	A2	PU4320O	B16	32	13	4	ADV551
			TB14-064	11		A1						
								B17	-	13	4	ADV551
								B18	+			

BD4 + BD4/5 OFFSITE

GENERAL D	BD4 + BD4	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing		DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	86-DO
		CH.	DATE							TITLE	SHT NO
		HARINAH	15/01/09							BD4 PORTION	86
FILENAME		APP.	DATE							DOC. NO.	CONT NO
BD4 PORTION		JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	87

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 PORTION
(MC5)

FCS0201

SYSTEM I/O

MCB3-12 OVDC-12 24VDC-12

MCB3-9 24VDC-9 OVDC-9

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB14-065	14	R2-1	A2	PU4321O	A1	1	13	5	ADV551
			TB14-066	11		A1						
			TB14-067	14	R2-2	A2	PU4211BO	A2	2	13	5	ADV551
			TB14-068	11		A1						
			TB14-069	14	R2-3	A2	PU4803O	A3	3	13	5	ADV551
			TB14-070	11		A1						
			TB14-071	14	R2-4	A2	PU4804O	A4	4	13	5	ADV551
			TB14-072	11		A1						
			TB14-073	14	R2-5	A2	PU4811O	A5	5	13	5	ADV551
			TB14-074	11		A1						
			TB14-075	14	R2-6	A2	PU4812O	A6	6	13	5	ADV551
			TB14-076	11		A1						
			TB14-077	14	R2-7	A2	PU4822AO	A7	7	13	5	ADV551
			TB14-078	11		A1						
			TB14-079	14	R2-8	A2	PU4822BO	A8	8	13	5	ADV551
			TB14-080	11		A1						
			TB14-081	14	R2-9	A2	PU4823AO	A9	9	13	5	ADV551
			TB14-082	11		A1						
			TB14-083	14	R2-10	A2	PU4823BO	A10	10	13	5	ADV551
			TB14-084	11		A1						
			TB14-085	14	R2-11	A2	PU4824O	A11	11	13	5	ADV551
			TB14-086	11		A1						
			TB14-087	14	R2-12	A2	AG4812O	A12	12	13	5	ADV551
			TB14-088	11		A1						
			TB14-089	14	R2-13	A2	AG4823O	A13	13	13	5	ADV551
			TB14-090	11		A1						
			TB14-091	14	R2-14	A2	AG4323O	A14	14	13	5	ADV551
			TB14-092	11		A1						
			TB14-093	14	R2-15	A2	PU4323AO	A15	15	13	5	ADV551
			TB14-094	11		A1						
			TB14-095	14	R2-16	A2	SPARE	A16	16	13	5	ADV551
			TB14-096	11		A1						
								A17	-	13	5	ADV551
								A18	+			

BD4 + BD4/5 OFFSITE

GENERAL D BD4 + BD4	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	87-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	15/01/09							BD4 PORTION	87
FILENAME	APP.	DATE							DOC. NO.	CONT NO
BD4 PORTION	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	88

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 PORTION
(MC5)

FCS0201

SYSTEM I/O

MCB3-12 OVDC-12 24VDC-12

MCB3-9 24VDC-9 OVDC-9

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB14-097	14	R2-17	A2	PU4801AO	B1	17	13	5	ADV551
			TB14-098	11		A1						
			TB14-099	14	R2-18	A2	PU4801BO	B2	18	13	5	ADV551
			TB14-100	11		A1						
			TB14-101	14	R2-19	A2	PU4802O	B3	19	13	5	ADV551
			TB14-102	11		A1						
			TB14-103	14	R2-20	A2	PU4831O	B4	20	13	5	ADV551
			TB14-104	11		A1						
			TB14-105	14	R2-21	A2	PU92001O	B5	21	13	5	ADV551
			TB14-106	11		A1						
			TB14-107	14	R2-22	A2	PU92003O	B6	22	13	5	ADV551
			TB14-108	11		A1						
			TB14-109	14	R2-23	A2	PU92005O	B7	23	13	5	ADV551
			TB14-110	11		A1						
			TB14-111	14	R2-24	A2	PU92006O	B8	24	13	5	ADV551
			TB14-112	11		A1						
			TB14-113	14	R2-25	A2	PU92007O	B9	25	13	5	ADV551
			TB14-114	11		A1						
			TB14-115	14	R2-26	A2	PU92008AO	B10	26	13	5	ADV551
			TB14-116	11		A1						
			TB14-117	14	R2-27	A2	PU92008BO	B11	27	13	5	ADV551
			TB14-118	11		A1						
			TB14-119	14	R2-28	A2	PU92009O	B12	28	13	5	ADV551
			TB14-120	11		A1						
			TB14-121	14	R2-29	A2	PU5801AO	B13	29	13	5	ADV551
			TB14-122	11		A1						
			TB14-123	14	R2-30	A2	PU5801BO	B14	30	13	5	ADV551
			TB14-124	11		A1						
			TB14-125	14	R2-31	A2	PU5802O	B15	31	13	5	ADV551
			TB14-126	11		A1						
			TB14-127	14	R2-32	A2	PU5831O	B16	32	13	5	ADV551
			TB14-128	11		A1						
								B17	-	13	5	ADV551
								B18	+			

BD4 + BD4/5 OFFSITE

GENERAL D BD4 + BD4	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	88-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	15/01/09							BD4 PORTION	88
FILENAME	APP.	DATE							DOC. NO.	CONT NO
BD4 PORTION	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	89

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 PORTION
(MC5)

FCS0201

SYSTEM I/O

MCB3-13 OVDC-13 24VDC-13

MCB3-10 24VDC-10 OVDC-10

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB14-129	14	R3-1	A2	PU4931AO	A1	1	13	6	ADV551
			TB14-130	11		A1						
			TB14-131	14	R3-2	A2	PU4931BO	A2	2	13	6	ADV551
			TB14-132	11		A1						
			TB14-133	14	R3-3	A2	PU4937AO	A3	3	13	6	ADV551
			TB14-134	11		A1						
			TB14-135	14	R3-4	A2	PU4937BO	A4	4	13	6	ADV551
			TB14-136	11		A1						
			TB14-137	14	R3-5	A2	PU4961AO	A5	5	13	6	ADV551
			TB14-138	11		A1						
			TB14-139	14	R3-6	A2	PU4961BO	A6	6	13	6	ADV551
			TB14-140	11		A1						
			TB14-141	14	R3-7	A2	PU4961CO	A7	7	13	6	ADV551
			TB14-142	11		A1						
			TB14-143	14	R3-8	A2	CT4961AO	A8	8	13	6	ADV551
			TB14-144	11		A1						
			TB14-145	14	R3-9	A2	CT4961BO	A9	9	13	6	ADV551
			TB14-146	11		A1						
			TB14-147	14	R3-10	A2	CT4961CO	A10	10	13	6	ADV551
			TB14-148	11		A1						
			TB14-149	14	R3-11	A2	PU4811BO	A11	11	13	6	ADV551
			TB14-150	11		A1						
			TB14-151	14	R3-12	A2	PU4812BO	A12	12	13	6	ADV551
			TB14-152	11		A1						
			TB14-153	14	R3-13	A2	FCS0201ALMSW	A13	13	13	6	ADV551
			TB14-154	11		A1						
			TB14-155	14	R3-14	A2	PU4932O	A14	14	13	6	ADV551
			TB14-156	11		A1						
			TB14-157	14	R3-15	A2	PU4970O	A15	15	13	6	ADV551
			TB14-158	11		A1						
			TB14-159	14	R3-16	A2	SPARE	A16	16	13	6	ADV551
			TB14-160	11		A1						
								A17	-	13	6	ADV551
								A18	+			

BD4 + BD4/5 OFFSITE

GENERAL D BD4 + BD4	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	89-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	15/01/09							BD4 PORTION	89
FILENAME	APP.	DATE							DOC. NO.	CONT NO
BD4 PORTION	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	90

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 PORTION
(MC5)

FCS0201

SYSTEM I/O

MCB3-13 OVDC-13 24VDC-13

MCB3-10 24VDC-10 OVDC-10

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB14-161	14	R3-17	A2	SPARE	B1	17	13	6	ADV551
			TB14-162	11		A1						
			TB14-163	14	R3-18	A2	SPARE	B2	18	13	6	ADV551
			TB14-164	11		A1						
			TB14-165	14	R3-19	A2	SPARE	B3	19	13	6	ADV551
			TB14-166	11		A1						
			TB14-167	14	R3-20	A2	SPARE	B4	20	13	6	ADV551
			TB14-168	11		A1						
			TB14-169	14	R3-21	A2	SPARE	B5	21	13	6	ADV551
			TB14-170	11		A1						
			TB14-171	14	R3-22	A2	SPARE	B6	22	13	6	ADV551
			TB14-172	11		A1						
			TB14-173	14	R3-23	A2	SPARE	B7	23	13	6	ADV551
			TB14-174	11		A1						
			TB14-175	14	R3-24	A2	SPARE	B8	24	13	6	ADV551
			TB14-176	11		A1						
			TB14-177	14	R3-25	A2	SPARE	B9	25	13	6	ADV551
			TB14-178	11		A1						
			TB14-179	14	R3-26	A2	SPARE	B10	26	13	6	ADV551
			TB14-180	11		A1						
			TB14-181	14	R3-27	A2	SPARE	B11	27	13	6	ADV551
			TB14-182	11		A1						
			TB14-183	14	R3-28	A2	SPARE	B12	28	13	6	ADV551
			TB14-184	11		A1						
			TB14-185	14	R3-29	A2	SPARE	B13	29	13	6	ADV551
			TB14-186	11		A1						
			TB14-187	14	R3-30	A2	SPARE	B14	30	13	6	ADV551
			TB14-188	11		A1						
			TB14-189	14	R3-31	A2	SPARE	B15	31	13	6	ADV551
			TB14-190	11		A1						
			TB14-191	14	R3-32	A2	SPARE	B16	32	13	6	ADV551
			TB14-192	11		A1						
								B17	-	13	6	ADV551
								B18	+			

BD4 + BD4/5 OFFSITE

GENERAL D BD4 + BD4	DR.	DATE						PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09						WILMAR SURABAYA BD & ME PROJECT	90-DO
	CH.	DATE						TITLE	SHT NO
	HARINAH	15/01/09						BD4 PORTION	90
FILENAME	APP.	DATE						DOC. NO.	CONT NO
BD4 PORTION	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	91

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	AO
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC5)

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Model*
			TB15-001	VFDO-PU4126	A1	1	13	1	AAI543
			TB15-002		B1				
			TB15-003	VFDO-MX4123	A2	2	13	1	AAI543
			TB15-004		B2				
			TB15-005	VFDO-MX4128	A3	3	13	1	AAI543
			TB15-006		B3				
			TB15-007	VFDO-AG4122	A4	4	13	1	AAI543
			TB15-008		B4				
			TB15-009	VFDO-AG4123	A5	5	13	1	AAI543
			TB15-010		B5				
			TB15-011	VFDO-PU4132	A6	6	13	1	AAI543
			TB15-012		B6				
			TB15-013	VFDO-PU4160A	A7	7	13	1	AAI543
			TB15-014		B7				
			TB15-015	VFDO-PU4160B	A8	8	13	1	AAI543
			TB15-016		B8				
			TB15-017	VFDO-PU4821A	A9	9	13	1	AAI543
			TB15-018		B9				
			TB15-019	VFDO-PU4821B	A10	10	13	1	AAI543
			TB15-020		B10				
			TB15-021	VFDO-MX4134	A11	11	13	1	AAI543
			TB15-022		B11				
			TB15-023	VFDO-PU4137	A12	12	13	1	AAI543
			TB15-024		B12				
			TB15-025	VFDO-PU4140A	A13	13	13	1	AAI543
			TB15-026		B13				
			TB15-027	VFDO-PU4140B	A14	14	13	1	AAI543
			TB15-028		B14				
			TB15-029	VFDO-PU4211	A15	15	13	1	AAI543
			TB15-030		B15				
			TB15-031	VFDO-PU4214A	A16	16	13	1	AAI543
			TB15-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	91-AO
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	15/01/09							BD4 + BD4/5 OFFSITE	91
FILENAME	APP.	DATE							DOC. NO.	CONT'D
BD4 + BD4/5 OFFSITE	JENNY	15/01/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSBDME-D32-001	92

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	AO
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

BD4 + BD4/5 OFFSITE
(MC5)

FCS0201

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Model*
			TB15-033	VFDO-PU4233	A1	1	13	2	AAI543
			TB15-034		B1				
			TB15-035	SPARE	A2	2	13	2	AAI543
			TB15-036		B2				
			TB15-037	VFDO-PU4214B1	A3	3	13	2	AAI543
			TB15-038		B3				
			TB15-039	VFDO-PU4214B2	A4	4	13	2	AAI543
			TB15-040		B4				
			TB15-041	VFDO-PU4311	A5	5	13	2	AAI543
			TB15-042		B5				
			TB15-043	VFDO-PU4320	A6	6	13	2	AAI543
			TB15-044		B6				
			TB15-045	VFDO-PU4321	A7	7	13	2	AAI543
			TB15-046		B7				
			TB15-047	VFDO-PU4211B	A8	8	13	2	AAI543
			TB15-048		B8				
			TB15-049	VFDO-PU4822A	A9	9	13	2	AAI543
			TB15-050		B9				
			TB15-051	VFDO-PU4822B	A10	10	13	2	AAI543
			TB15-052		B10				
			TB15-053	VFDO-PU4823A	A11	11	13	2	AAI543
			TB15-054		B11				
			TB15-055	VFDO-PU4823B	A12	12	13	2	AAI543
			TB15-056		B12				
			TB15-057	VFDO-PU4801A	A13	13	13	2	AAI543
			TB15-058		B13				
			TB15-059	VFDO-PU4801B	A14	14	13	2	AAI543
			TB15-060		B14				
			TB15-061	VFDO-PU5801A	A15	15	13	2	AAI543
			TB15-062		B15				
			TB15-063	VFDO-PU5801B	A16	16	13	2	AAI543
			TB15-064		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	92-AO
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE	SHT. NO. 92
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WSBDME-D32-001	CONT'D 93

YOKOGAWA

Signal Type :		Cabinet No :	FCS0201
~~HSC~~	~~RTD~~	BD4 + BD4/5 OFFSITE (MC5)	SYSTEM I/O
~~AI~~	AO		
~~DI~~	~~DO~~		
~~IS~~	NIS		
HART	NON HART		

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB15-065	VFDO-AG4812	A1	1	13	3	AAI543
			TB15-066		B1				
			TB15-067	VFDO-PU4323A	A2	2	13	3	AAI543
			TB15-068		B2				
			TB15-069	SPARE	A3	3	13	3	AAI543
			TB15-070		B3				
			TB15-071	SPARE	A4	4	13	3	AAI543
			TB15-072		B4				
			TB15-073	SPARE	A5	5	13	3	AAI543
			TB15-074		B5				
			TB15-075	SPARE	A6	6	13	3	AAI543
			TB15-076		B6				
			TB15-077	SPARE	A7	7	13	3	AAI543
			TB15-078		B7				
			TB15-079	SPARE	A8	8	13	3	AAI543
			TB15-080		B8				
			TB15-081	SPARE	A9	9	13	3	AAI543
			TB15-082		B9				
			TB15-083	SPARE	A10	10	13	3	AAI543
			TB15-084		B10				
			TB15-085	SPARE	A11	11	13	3	AAI543
			TB15-086		B11				
			TB15-087	SPARE	A12	12	13	3	AAI543
			TB15-088		B12				
			TB15-089	SPARE	A13	13	13	3	AAI543
			TB15-090		B13				
			TB15-091	SPARE	A14	14	13	3	AAI543
			TB15-092		B14				
			TB15-093	SPARE	A15	15	13	3	AAI543
			TB15-094		B15				
			TB15-095	SPARE	A16	16	13	3	AAI543
			TB15-096		B16				

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	15/01/09							WILMAR SURABAYA BD & ME PROJECT	93-AO
	CH. HARINAH	DATE 15/01/09							TITLE BD4 + BD4/5 OFFSITE	SHT. NO. 93
FILENAME BD4 + BD4/5 OFFSITE	APP. JENNY	DATE 15/01/09							DOC. NO. WSBDME-D32-001	CONT'D -

YOKOGAWA