



BILL OF MATERIALS						
ID	QTY	ND	DESCRIPTION	SCH/CLASS	MATERIAL	BOLT SIZE
PIPE						
1	5.8M	80	PIPE, SEAM	10	SS304L	
2	7.4M	150	PIPE, SEAM	10	SS304L	
3	22.3M	200	PIPE, SEAM	10	SS304L	
FITTINGS						
4	5	80	ELL 90 LR, BW, ASME B16.9	10	SS304L	
5	3	200	ELL 90 LR, BW, ASME B16.9	10	SS304L	
6	1	150X80	REDUCER (CONC), BW, ASME B16.9	10	SS304L	
7	1	200X150	REDUCER (ECC), BW, ASME B16.9	10	SS304L	
FLANGES						
8	4	80	FLANGE SO, 150#, RF, ASME B16.5	150	SS304L	
9	2	200	FLANGE SO, 150#, RF, ASME B16.5	150	SS304L	
FASTENERS						
10	32	16X150	BV STUD BOLT		HDG	M16
11	16	16X200	BV STUD BOLT		HDG	M16
VALVES						
12	1	200	BUTTERFLY VALVE, WF			

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SIGMA WATER ENG
SWE23 - 269

LAST UPDATE
06/12/2023

SIZE
A3

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DRAWING NO.	REFERENCE DRAWING	REV	DATE	REVISION NOTES	DRN	CHK	ENG	APR	CLI
		A	06/12/2023	ISSUED FOR INTERNAL REVIEW	CMZ	MA	MA	ST	

CLIENT :
EXYTE MALAYSIA SDN. BHD.

DRAWN : CMZ
DATE : 06/12/2023
CHECKED : MA
DATE : 06/12/2023
ENGINEER : MA
DATE : 06/12/2023
APPROVED : ST
DATE : 06/12/2023

TITLE :
P09-PROCESS- IWS
8"BA-KEA-260 PIPING ISO DETAILS

SCALE :
NTS

DRAWING NUMBER :
SWE23-269-EXYTE-ISOP-E00

REV : A
SHEET : 1 OF 1