



- GENERAL NOTES:**
1. ALL MARINE WORKS ARE SCHEMATIC ONLY.
 2. THE SUPPLIER TO USE THE MARINE PIPEWORK SCHEMATIC AS A GUIDE ONLY AND HE SHOULD CHOOSE POSITIONS OF INLET STRUCTURES AND OUTLET DISCHARGE POINTS BASED ON HIS OWN DESIGN TAKING COGNISANCE OF AMONGST OTHERS THE WATER QUALITY REQUIRED AT THE PLANT AS WELL AS DAMAGE DUE TO ENVIRONMENTAL CONDITIONS, SUCH AS WAVE AND SHORELINE VARIATION.
 3. ALL PHASE 1 PIPEWORK TO BE DECOMMISSIONED AFTER COMPLETION OF PHASE 2.
 4. ALL PUMP STATION POSITIONS TO BE VERIFIED
 5. **SUPPLIERS DESIGN SHALL ENSURE PIPELINE STABILITY AND PROTECTION ALONG THE ENTIRE PIPELINE(S) LENGTH, INCLUDING THE BEACH CROSSING, TIDAL ZONE, SURF ZONE AND OFFSHORE PORTION.**
 6. **ALL PIPELINE(S) LOCATED ON THE BEACH AND TIDAL ZONE AREA SHALL BE BURIED TO ALLOW MINIMUM 1 M COVER FOR AESTHETIC PURPOSES. ALL PIPELINE(S) LOCATED INSIDE THE TIDAL POOL AREA SHALL BE BURIED ALONG THE BEACH AREA AS WELL AS WITHIN THE TIDAL POOL, EXTENDING TO THE BOUNDARY FENCE FOR AESTHETIC PURPOSES.**
 7. **ALL BUOYS AND OTHER AIDS TO NAVIGATION MARKERS SHALL MEET THE SAMSA STANDARDS IN TERMS OF MARINE NOTICE No. 8 OF 2016**

LEGEND	
DESCRIPTION	SYMBOL
2xØ355mm HDPE PE100 PN10 RAW WATER ABSTRACTION DELIVERY (ON SHORE) PIPELINE	--- --
Ø355mm HDPE PE100 PN10 BRINE DISCHARGE PIPELINE	--- --
Ø315mm HDPE PE100 PN16 INJECTION PIPELINE	--- --
OFFSHORE RAW WATER ABSTRACTION PIPELINE TO SUIT ABSTRACTION VOLUME REQUIREMENTS	--- --
OFFSHORE BRINE DISCHARGE PIPELINE Ø355mm HDPE PE PN10	--- --
PROPOSED SITES	□

FOR INFORMATION ONLY	
PRELIMINARY	
FOR APPROVAL	
FOR TENDER PURPOSES	✓
FOR CONSTRUCTION	
AS BUILT	

REV	DATE	REVISION DESCRIPTION	DRAWN	DESIGNED	REV ENGINEER	CONSULTING ENGINEER
A	25/08/17	FOR TENDER	KL	DS	WS	WPRSA
B	11/09/17	ADDENDUM 1 CHANGES	KL	VJ	WS	WPRSA

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CLIENT



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

PROJECT

WATER RESILIENCE PROJECT

DRAWING DESCRIPTION

MONWABISI PHASE 2 GENERAL ARRANGEMENT CONCEPTUAL LAYOUT

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DATE	SCALE: (ORIGINAL A3)
AUGUST 2017	1:4000
DRG No.	REV.
C00686-ZB-WW-DGA-0002-001	B