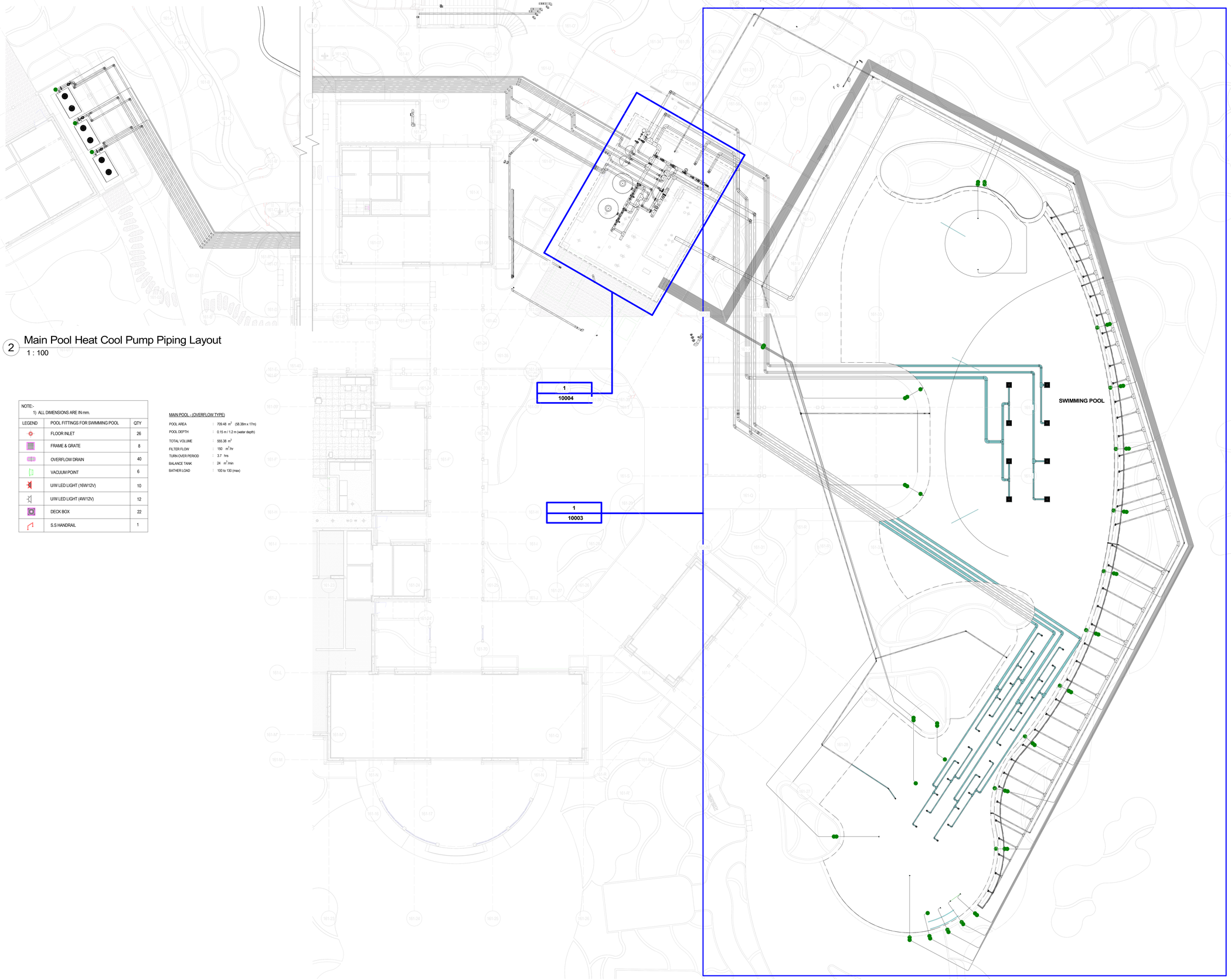

2 Main Pool Heat Cool Pump Piping Layout
1 : 100

NOTE:-
1) ALL DIMENSIONS ARE IN mm.

LEGEND	POOL FITTINGS FOR SWIMMING POOL	QTY
	FLOOR INLET	26
	FRAME & GRATE	8
	OVERFLOW DRAIN	40
	VACUUM POINT	6
	UW LED LIGHT (16W/12V)	10
	UW LED LIGHT (4W/12V)	12
	DECK BOX	22
	S.S HANDRAIL	1

MAIN POOL - (OVERFLOW TYPE)

POOL AREA	:	709.48 m^2 (58.38m x 17m)
POOL DEPTH	:	0.15 m / 1.2 m (water depth)
TOTAL VOLUME	:	555.38 m^3
FILTER FLOW	:	150 m^3/hr
TURN OVER PERIOD	:	3.7 hrs
BALANCE TANK	:	24 m^3/min
BATHER LOAD	:	100 to 130 (max)

1 Main Pool Piping & Conduit Overall
1 : 100

GENERAL NOTES:

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THIS DRAWING SHALL NOT BE SCALED.

UNLESS STATED OTHERWISE, ALL DIMENSIONS ARE IN MILLIMETRES.

WHERE APPLICABLE, ALL DIMENSIONS SHALL BE CHECKED BY THE CONTRACTOR ONSITE, PRIOR TO COMMENCEMENT OF ANY WORKS.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND THE SERVICES SPECIFICATION DOCUMENT(S).

ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE RELEVANT REGIONAL STANDARDS, SPECIFICATIONS AND CODES OF PRACTICE.

INDICATED, REFERENCED OR DERIVED DIMENSIONS ARE NOT TO BE CONSIDERED AS FINAL AND NO RELIANCE SHOULD BE MADE REGARDING
FINAL CO-ORDINATION, SETTING OUT OR INSTALLATION.

SERVICE PENETRATIONS WHERE INDICATED ARE INDICATIVE ONLY AND SUBJECT TO FINAL LOCATION BY THE SERVICES CONTRACTOR IN AGREEMENT WITH THE STRUCTURAL ENGINEER AND ARCHITECTS.

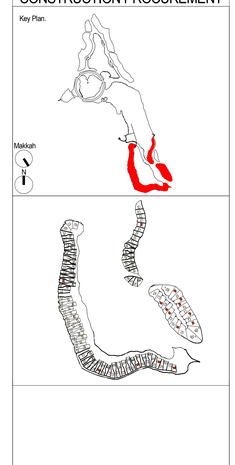
THE ACCURACY OF THE SIZE AND LOCATION OF THE SERVICES PENETRATION REQUESTS CAN ONLY BE RELIED UPON TO THE SAME LEVEL THAT THE DESIGN RESOLUTION WAS AT (MEP, ARCHITECTURAL AND STRUCTURAL) AT THE TIME THAT THE REQUESTS WERE PRODUCED.

THIS DRAWING SHOULD NOT BE USED FOR INSTALLATION OR CONSTRUCTION PURPOSES.

Rev.	Date	Reason For Issue	Chk.
N0	13/08/25	ISSUED FOR CONSTRUCTION	AR

CONSTRUCTION PROCUREMENT

Key Plan.



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Client
Red Sea Global

Project
Laheq Island
L04 Amenities
Family Beach Club

Drawing Title
Main Pool Piping & Conduit Overall Layout

Model File Reference
L04-A04D02-CHP-16-ZZ-MOD-SP-03161

Drawn By	Checked By	Approved By
MG	MB	AR

Project No	Issue Date	Scale at ISO A0
L04-A04D02	13/08/25	As indicated

Drawing Number	Revision
L04-A04D02-CHP-16-00-DWG-SP-10001	N0