

Model No.	Type	Average Plot Size	Estimated impervious areas (m²)	% Impervious Area (based on average plot size)	Typical retention volume requirement for LEED (m³)	Width	Length	Depth	Void %	Ret Vol	Gravel Vol	Total Gravel Vol
		sqm	sqm									
South Community Villas												
S31	4 Bed West Water Access 01	2,795	909	33%	15	1.20	32.00	0.50	40%	15	38	307
S33	4 Bed South Beach Access	2,379	801	34%	13	1.20	28.00	0.50	40%	13	34	370
S47	6 Bed Beachfront Type 01	4,100	1,522	37%	26	2.00	32.00	0.50	40%	26	64	1,216

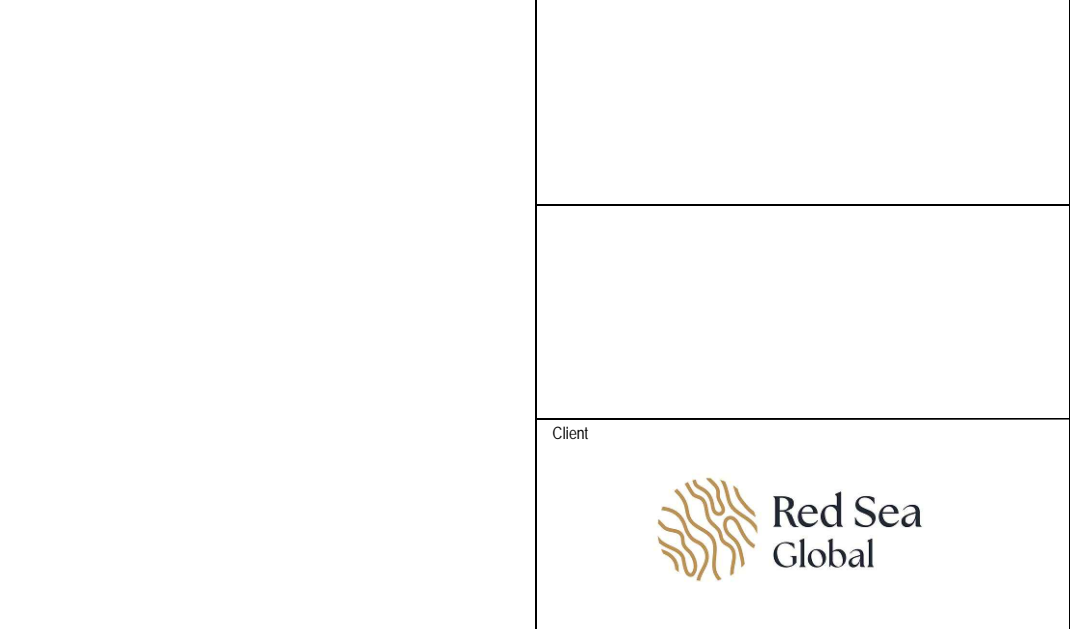
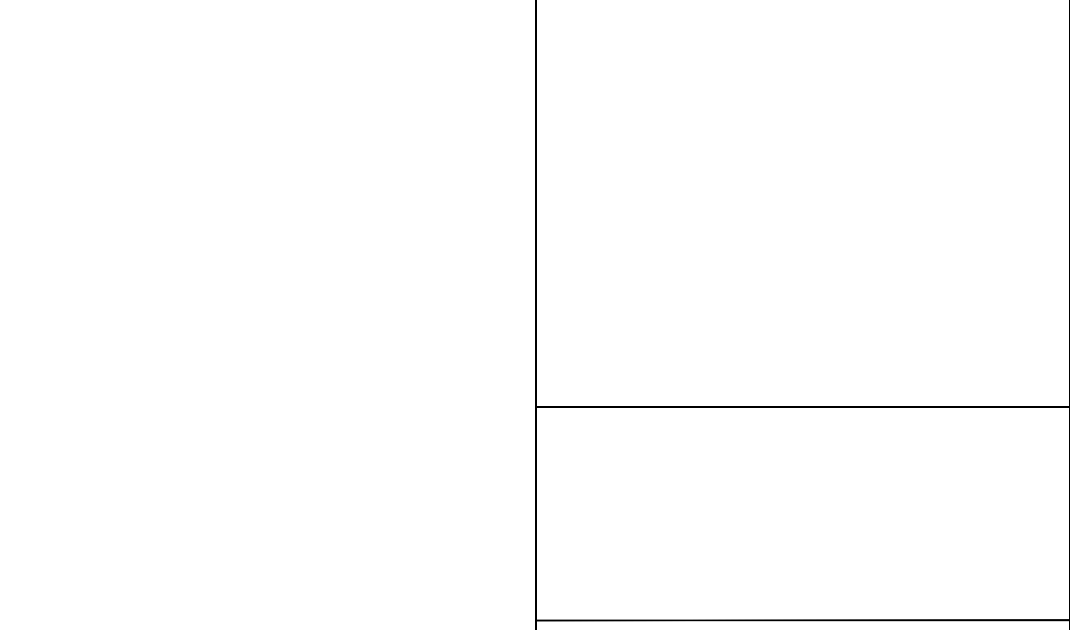
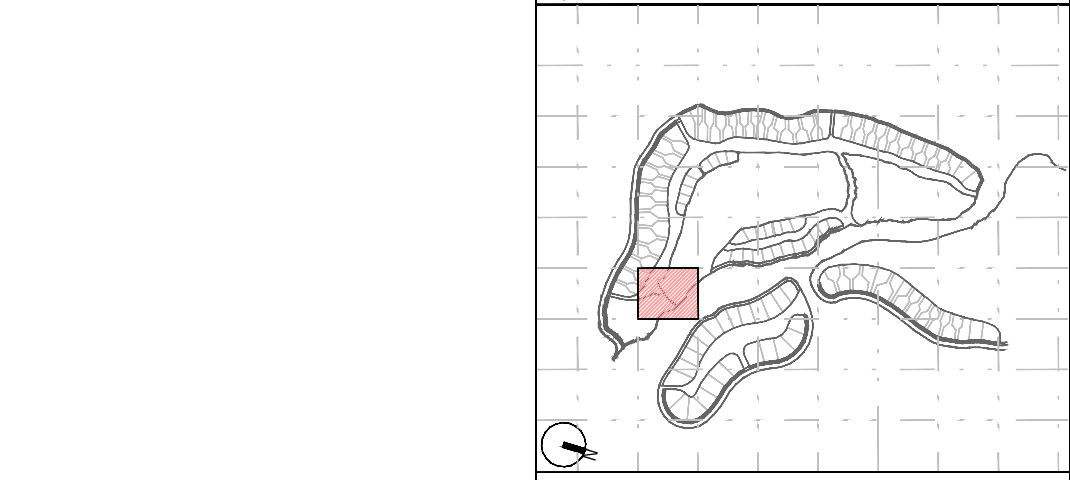
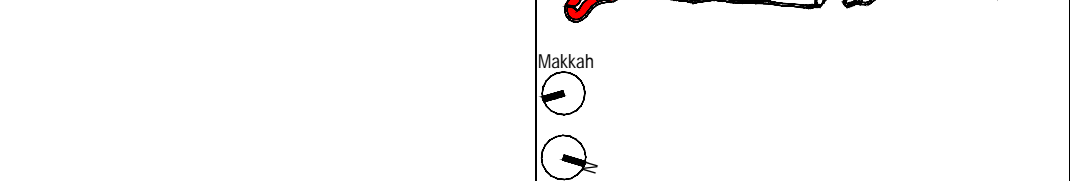
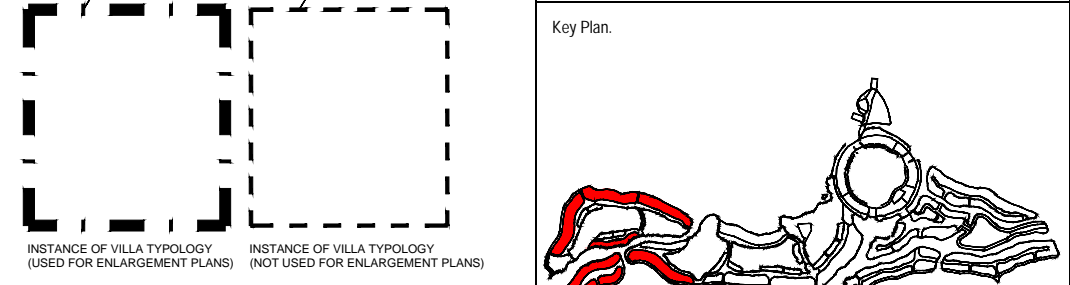


CONTROL LINES	
LIMIT OF WORK	---
MAJOR PLOT BOUNDARY	---
SETBACK 7.2m 0.30 to 1.2m	---
SETBACK 10m WAVE DISSIPATION	---
SETBACK 18m 0.3 to 1.5m	---
+0.3m ISLAND EDGE	---
+1.5m ISLAND CONTOUR	---
BEACH EDGE	---
GOLF EDGE	---
LOT	---

GRADING LEGEND	
DESCRIPTION	SYMBOL
SPOT ELEVATION	⊕ 0.00
TOP OF STAIR	⊕ TS 0.00
BOTTOM OF STAIR	⊕ BS 0.00
TOP OF WALL	⊕ TW 0.00
BOTTOM OF WALL	⊕ BW 0.00
TOP OF COPING	⊕ TC 0.00
HIGH POINT	⊕ HP 0.00
LOW POINT	⊕ LP 0.00
FINISH FLOOR ELEVATION	⊕ FFE 0.00
SLOPE	→ 0%

DRAINAGE LEGEND	
INFILTRATION STRIP	---
LINEAR RETENTION POND	---

REFER FOR FINE GRADING:	
NO	31/07/25
Rev	Date
Issued For Construction	
Rev	Date
Reason For Issue	
Construction Procurement	



Client		
Red Sea Global		
Project		
Laheq Island L02 Residential South Community		
Drawing Title		
Grading and Drainage Plan 19/34		
Model File Reference		
N/A		
Drawn By	Checked By	Approved By
RSG	RSG	RSG
Project No	First Issue Date	Scale at ISO A0
L02-R02DXX	31/07/25	1:250
Drawing Number	Revision	
L02-R02DXX-RSG-BN-ZZ-SKT-LS-11435	NO	