

LEGEND:

S.No	Description	Arrangement	Flow (m ³ /day)	Head (m)
1	Rainwater Lifting Pumps	1W+1S	101 (m ³ /hr)	15
2	Raw Water Transfer Pumps	1W+1S	6	10
3	Treated Water Lifting Pumps	1W+1S	6	10
4	Distribution Pumps	1W+1S	48	10

Flow Meter	FM
Manually operated Sluice Valve	
NRV	
Centrifugal Pump	
Submersible Pump	
DIA-250mm	
DIA-180mm	
DIA-63mm	

WTP PLOT AREA
(25m X 21m)

21000

16000

19000

25000

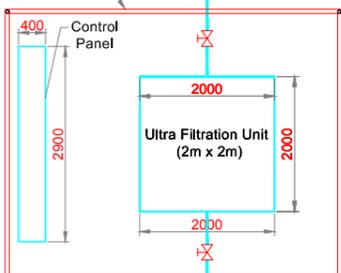
Area for Future Expansion

GATE

EMERGENCY TAPBAY POINT T-7

TREATED WATER STORAGE TANK
4.15mØ; 4.0m ht.
50 Cu.m

Housing Shed (5m x 4m)



RAW WATER STORAGE TANK
100 Cu.m
5.5mØ; 4.6m ht.

RAIN WATER LIFT WELL
3.0mØ 6Cu.m

RECHARGE PIT
(2mØ, Depth-2m)

EXTERNAL CAGED LADDER

600mm COVER

TENDER PURPOSE

CLIENT	MINISTRY OF ENVIRONMENT AND ENERGY MALE REPUBLIC OF MALDIVES
PROJECT	PROVISION OF RAINWATER HARVESTING SYSTEM IN 10 ISLANDS
ASSIGNMENT	CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN HA, UTHEEMU, HA, MULHADHOO, HA, MURADHOO, HA, ULGAMU, HA, MAARANDHOO, HA, FILLADHOO, HDH, FINEY, HDH, KURINBI, HDH, NEYKURENDHOO, HDH, HIRIMARADHOO, MALDIVES [PACKAGE - 1]
DRAWING TITLE	LAYOUT OF TREATMENT FACILITY
APPROVED	SSS
CHECKED	SSS
DESIGNED	SPP
DRAWN	PDP
SCALE	1:75
DATE	FEB 2018
DRAWING NUMBER	Hdh. Finey/WS/03
REVISION	0

No.	DESCRIPTION	BY	DATE	APPR.
REVISION				
IN ASSOCIATION WITH				
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA				
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES				