

RAW WATER PUMP HOUSE PHASE 1

Equipment	Make	Quantity	Head / Voltage	R.P.M	Capacity
PUMP	M & P	10	65 M	578	22 MGD
MOTOR	BHEL	10	440 V	578	135 KW
TRANSFORMER	K.E.C	2	11 KV / 433 V	1500 KVA

RAW WATER PUMP HOUSE PHASE 2

Equipment	Make	Quantity	Head / Voltage	R.P.M.	Capacity
PUMP	M & P	10	6.5 ± 0.5 M	490	22 MGD
MOTOR	JYOTI	10	415 V	490	110 KW
TRANSFORMER	B.B.L.	2	11 KVA / 415 V	—	1250 KVA

FILTER HOUSE

Parameter	Value / Specification
FILTER HOUSE	2 NOS. (50 MGD EACH)
No. of Filter Beds	20 Nos. (in each)
Capacity per Filter Bed	2.5 M.G.D. Each
Size of Filter Bed	9.50 Mtr × 10.03 Mtr
Bed Level	215.03
T.W.L in Filter Bed	217.53
INLET CHANNEL	
Size	1.2 M × 1.85 M
T.W.L	217.60
PURE WATER CHANNEL	
Size	2.6 M × 1.8 M
Bed Level	213.69

T.W.L	215.13
WASTE WATER CHANNEL	2.675 M WIDE
Bed Level	212.12
Waste Water Line	1200 M.M. DIA
I.L. Outside Filter House	210.70
POST CHLORINATION BUILDINGS	TWO NOS
Chlorinators	4 Nos. (In Each)
Capacity	10 KG/HR
ANNEXE	(2 NOS)
Back Wash Pumps	4 Nos. (In Each)
Back Wash Pump Capacity	1280 M ³ /HR
Air Blowers	4 Nos. (In Each)
Air Blower Capacity	2160 M ³ /HR

CLARIFIER DIAMETER - 52 METER