



VALVE SCHEDULE					
MARK	SIZE	DESCRIPTION	QTY	TYPE	MOC
PABFV-04A	160 NB	FROM UF FEED PUMP	01	Pne.Actuated	SS
PABFV-05A	160 NB	TO UF PERMEATE TANK	01	Pne.Actuated	SS
PABFV-06A	40 NB	TO UF FEED TANK	01	Pne.Actuated	SS
PABFV-07A	140 NB	FROM UF BACKWASH PUMP	01	Pne.Actuated	SS
PABFV-08A	63 NB	FROM AIR COMPRESSOR	01	Pne.Actuated	SS
PABFV-09A	200 NB	UPPER DRAIN	01	Pne.Actuated	SS
PABFV-10A	110 NB	FROM EFM/CIP TANK	01	Pne.Actuated	SS
PABFV-11A	110 NB	TO EFM/CIP TANK (PERMEATE)	01	Pne.Actuated	SS
PABFV-12A	110 NB	TO EFM/CIP TANK (REJECT)	01	Pne.Actuated	SS
MV-01A	40 NB	AIR RELEASE (REJECT)	01	Motorised	SS
NV36A	15 NB	FROM UF FEED PUMP	01	NEEDLE	SS
NV37A	15 NB	TO UF PERMEATE TANK	01	NEEDLE	SS
NRV51A	63 NB	FROM AIR COMPRESSOR	01	SLUICE	SS

INSTRUMENTATION				
MARK	DESCRIPTION	QTY	RANGE	TYPE
PIT02A	FROM UF FEED PUMP	01	0-4 BAR	-
PIT03A	TO UF PERMEATE TANK	01	0-4 BAR	-
FIT10A	FROM UF FEED PUMP	01	1-150 cum/hr	-
FI01A	TO UF FEED TANK	01	1-150 cum/hr	-

MARK	DESCRIPTION
BL	BELLOWS
BLV	BUTTERFLY VALVE
PABFV	PNEUMATIC ACTUATED BUTTERFLY VALVE
NV	NEEDLE VALVE
BV	BALL VALVE
NRV	NON RETURN VALVE
PG	PRESSURE GAUGE
SLG	SLUICE GATE
V	VALVE
PIT	PRESSURE INDICATOR TRANSMITTER
FIT	FLOW INDICATOR TRANSMITTER
LIT	LEVEL INDICATOR TRANSMITTER
LS	LEVEL SWITCH
FV	FOOT VALVE
MABFV	MOTORISED ACTUATED BUTTERFLY VALVE
PRV	PRESSURE REDUCING VALVE
MV	MOTORISED VALVE
STR	STRAINER
FI	FLOW INDICATOR

Project:	IMPROVEMENT AND MODIFICATION OF FACILITIES IN EXISTING WATER TREATMENT PLANT AT MAHINDRA WORLD CITY.		
Client:	MAHINDRA WORLD CITY.		
Consultant:	Dr. P. Selvaraj - CHENNAI.		
DRAWN	TITLE:		P&I UF TRAIN - 01A
CHECKED			
APPROVED			
DATE			
SCALE	NTS (A3)	DRG NO.	MWC-IWTP-G-009
REVISION	R-0		SHEET NO. 6 of 11