



VALVE SCHEDULE					
MARK	SIZE	DESCRIPTION	QTY	TYPE	MOC
PABFV-04B	160 NB	FROM UF FEED PUMP	01	Pne.Actuated	SS
PABFV-05B	160 NB	TO UF PERMEATE TANK	01	Pne.Actuated	SS
PABFV-06B	40 NB	TO UF FEED TANK	01	Pne.Actuated	SS
PABFV-07B	140 NB	FROM UF BACKWASH PUMP	01	Pne.Actuated	SS
PABFV-08B	63 NB	FROM AIR COMPRESSOR	01	Pne.Actuated	SS
PABFV-09B	200 NB	UPPER DRAIN	01	Pne.Actuated	SS
PABFV-10B	110 NB	FROM EFM/CIP TANK	01	Pne.Actuated	SS
PABFV-11B	110 NB	TO EFM/CIP TANK (PERMEATE)	01	Pne.Actuated	SS
PABFV-12B	110 NB	TO EFM/CIP TANK (REJECT)	01	Pne.Actuated	SS
MV-01B	40 NB	AIR RELEASE (REJECT)	01	Motorised	SS
NV36B	15 NB	FROM UF FEED PUMP	01	NEEDLE	SS
NV37B	15 NB	TO UF PERMEATE TANK	01	NEEDLE	SS
NRV51B	63 NB	FROM AIR COMPRESSOR	01	SLUICE	SS

INSTRUMENTATION				
MARK	DESCRIPTION	QTY	RANGE	TYPE
PIT02B	FROM UF FEED PUMP	01	0-4 BAR	-
PIT03B	TO UF PERMEATE TANK	01	0-4 BAR	-
FIT10B	FROM UF FEED PUMP	01	1-150 cum/hr	-
FI01B	TO UF FEED TANK	01	1-150 cum/hr	-

MARK	DESCRIPTION
BL	BELLOWS
BFV	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 MODICATION OF FACILITIES IN EXISTING WATER TREATMENT PLANT AT MAHINDRA WORLD CITY.		
Client:	MAHINDRA WORLD CITY.		
Consultant:	Dr. P. Selvaraj - CHENNAI.		
TITLE:	P&I UF TRAIN - 01B		
SCALE:	NTS (A3)	DRG NO.	MWC-IWTP-G-009
REVISION:	R-0	SHEET NO.	7 of 11