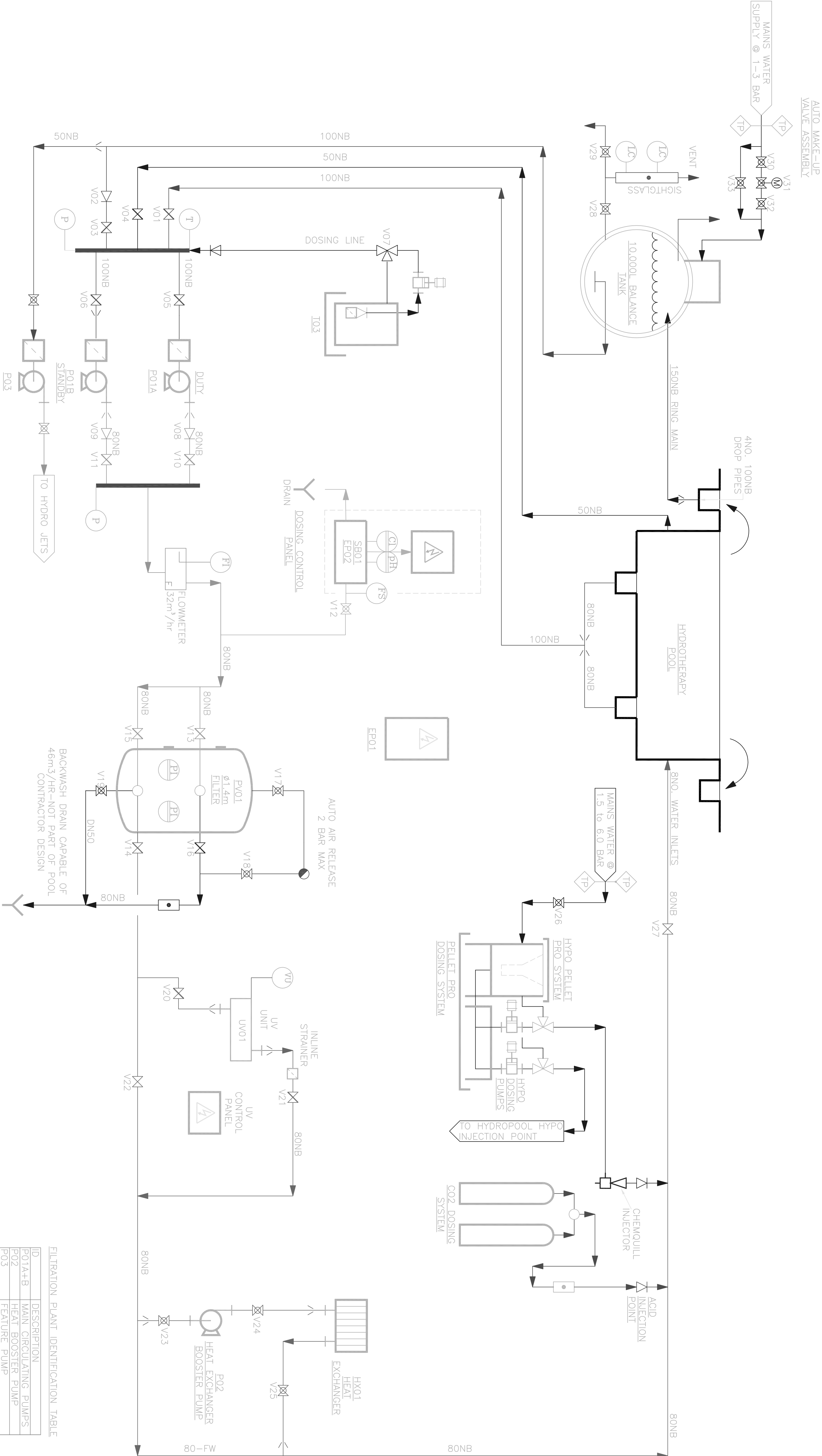


AREA: 40m²
VOL: 48m³
TURNOVER: 1.5 hours
PLANTFLOW: 32m³/hr
BACKWASH FLOW: 38.5m³/hr

VALVE SCHEDULE

- V01 – 100NB POOL SUMPS OUTLET VALVE
- V02 – 100NB BALANCE TANK OUTLET VALVE
- V03 – 100NB BALANCE TANK NRV
- V04 – 50NB VACUUM VALVE
- V05 – 100NB PUMP SUCTION VALVE
- V06 – 100NB PUMP SUCTION VALVE
- V07 – 10NB PAC. MULTI-FUNCTION VALVE
- V08 – 80NB PUMP DISCHARGE NRV
- V09 – 80NB PUMP DISCHARGE NRV
- V10 – 80NB PUMP DISCHARGE VALVE
- V11 – 80NB PUMP DISCHARGE VALVE
- V12 – 8mm SAMPLE ISOLATION VALVE
- V13 – 80NB FILTER INLET VALVE
- V14 – 80NB FILTER OUTLET VALVE
- V15 – 80NB BACKWASH INLET VALVE
- V16 – 80NB BACKWASH OUTLET VALVE
- V17 – 15NB TOP AIR RELEASE VALVE
- V18 – 15NB SIDE AIR RELEASE VALVE
- V19 – 50NB FILTER DRAIN VALVE
- V20 – 80NB UV INLET VALVE
- V21 – 80NB UV BY-PASS VALVE
- V22 – 32NB HEAT PUMP SUCTION VALVE
- V23 – 32NB HEAT PUMP DISCHARGE VALVE
- V24 – 32NB HEAT EXCHANGER OUTLET VALVE
- V25 – 10NB HYPO CWS ISOLATION VALVE
- V26 – 80NB RETURN ISOLATION VALVE
- V27 – 25NB LEVEL CONTROL ISOLATION VALVE
- V28 – 25NB LEVEL CONTROL DRAIN VALVE
- V29 – 25NB MAKE-UP ISOLATION VALVE
- V30 – 25NB AUTO MAKE-UP VALVE
- V31 – 25NB MAKE-UP ISOLATION VALVE
- V32 – 25NB MAKE-UP BYPASS VALVE
- V33 – 25NB MAKE-UP BYPASS VALVE



FILTRATION PLANT IDENTIFICATION TABLE

ID	DESCRIPTION
P01A+B	MAIN CIRCULATING PUMPS
P02	HEAT BOOSTER PUMP
P03	FEATURE PUMP
S01A+B	CIRC. PUMP STRAINER
F01A+B	41.2m GRP FILTER VESSEL
UV01	UV UNIT
HX01	PLATE HEAT EXCHANGER
DT01	PELLET PRO UNIT
DT02	CO2 CYLINDERS
EP01	ELECTRIC CONTROL PANEL
PAC01	FLOCCULATION STATION
SB01	SAMPLE BOARD
MU01	CWS MAKE-UP ASSEMBLY

- FOOT VALVE & STRAINER
- NON RETURN VALVE
- SIGHTGLASS
- DIRECTIONAL ARROW
- BUTTERFLY VALVE
- MULTI FUNCTION VALVE
- TERMINATION POINT
- ELECTRICAL PANEL
- FLOW SWITCH
- pH – pH CELL
- CL – CHLORINE CELL
- P – PRESSURE INDICATOR
- T – TEMPERATURE INDICATOR

B		TENDER ISSUE		22/7/18	
REVISIONS					
Project Name					
ELMS BANK SPECIALIST ARTS COLLEGE PHASE 2 HYDROTHERAPY POOL					
Project No					
SLP2012					
Drawing Title					
HYDROTHERAPY POOL FILTRATION SCHEMATIC					
Scale					
MA @ A1					
Date					
22/2/18					
Drawn					
Approved					
Revision					
B					