8 7 6 4 3 2 1 RAW WATER PUMPS, P-6020/30/40 NOTES NOTE 1 CARTRIDGE PRE-FILTERS, F-6010/6020 CAKINIDGE PRE-FILIEMS, F-DUITU
TYPE: VERTICAL FILTER SUITED FOR 5 ROUND CARTIRIDGE, FILTERS
SERVICE: SOUR
MATERIALS: SS 316L
FLOW CAPACITY [IMF]: 100 USGPM 6 25 PSI, 2007-20 F
FLOW CAPACITY [IMF]: 27.2" M3/HR 6 (261 KPA)
INLET/OUTLET: 27/2"
FLANGED CONNECTIONS: #1500 FNPT (QTY 2)
THREADED CONNECTIONS: #5000 FNPT (QTY 2)
MISC #1: 100% RADIOGRAPHY ON ALL BUTT WELDS
MISC #1: NOW THER DIRE DEFULIEFD. PUMP
TYPE: VERTICAL CENTRIFUGAL
MANUFACTURER: WILO NOTE 1

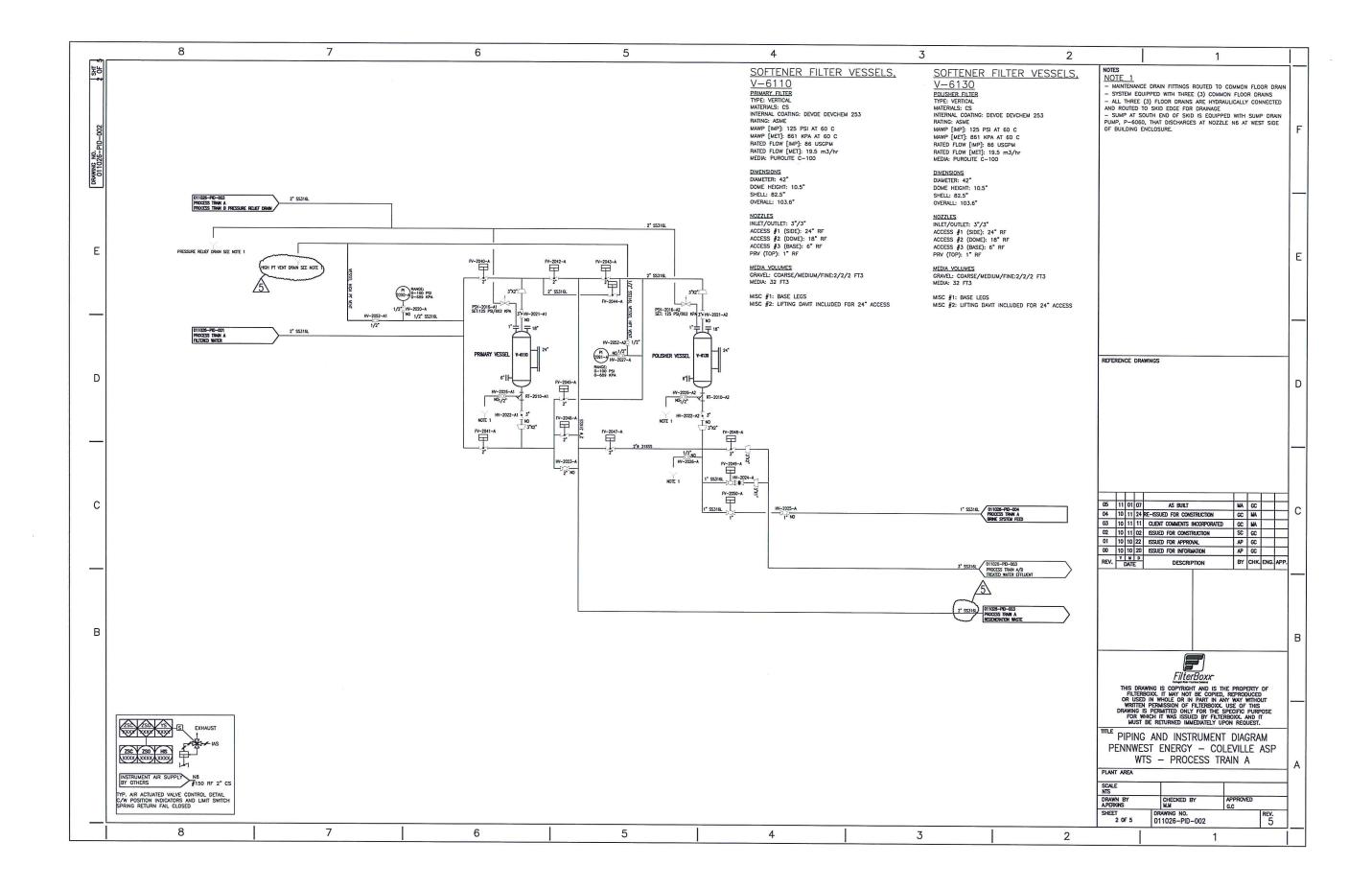
- MAINTENANCE DRAIN FITTINGS ROUTED TO COMMON FLOOR DRAIN
SYSTEM EQUIPPED WITH THREE (3) COMMON FLOOR DRAINS

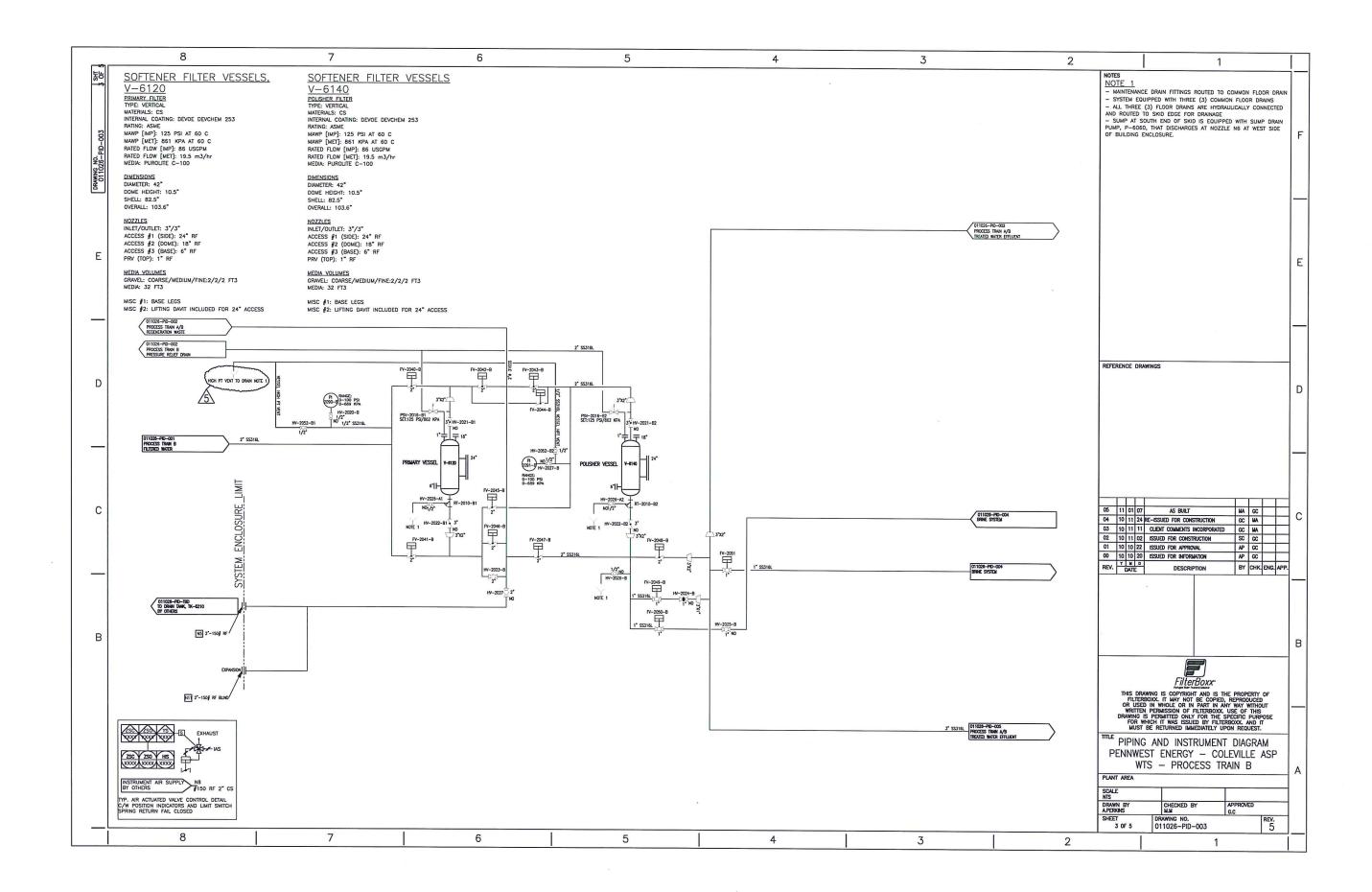
- ALL THREE (3) FLOOR DRAINS ARE HYDRAULICALLY CONNECTED
AND ROUTED TO SKID EDGE FOR DRAINAGE

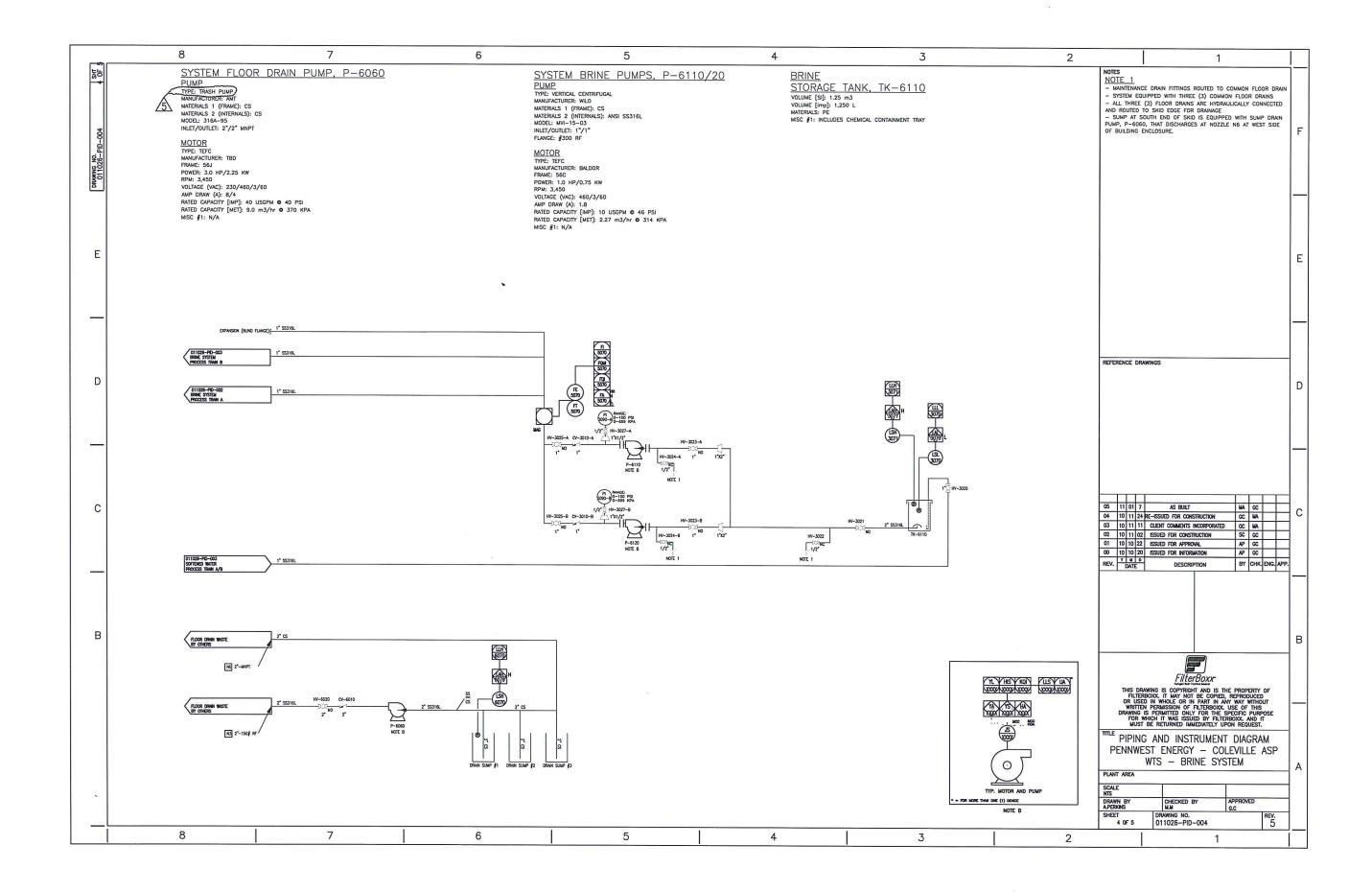
- SUMP AT SOUTH END OF SKID IS EQUIPPED WITH SUMP DRAIN
PUMP, P-6060, THAT DISCHARGES AT NOZZLE N6 AT WEST SIDE
OF BUILDING ENCLOSURE.

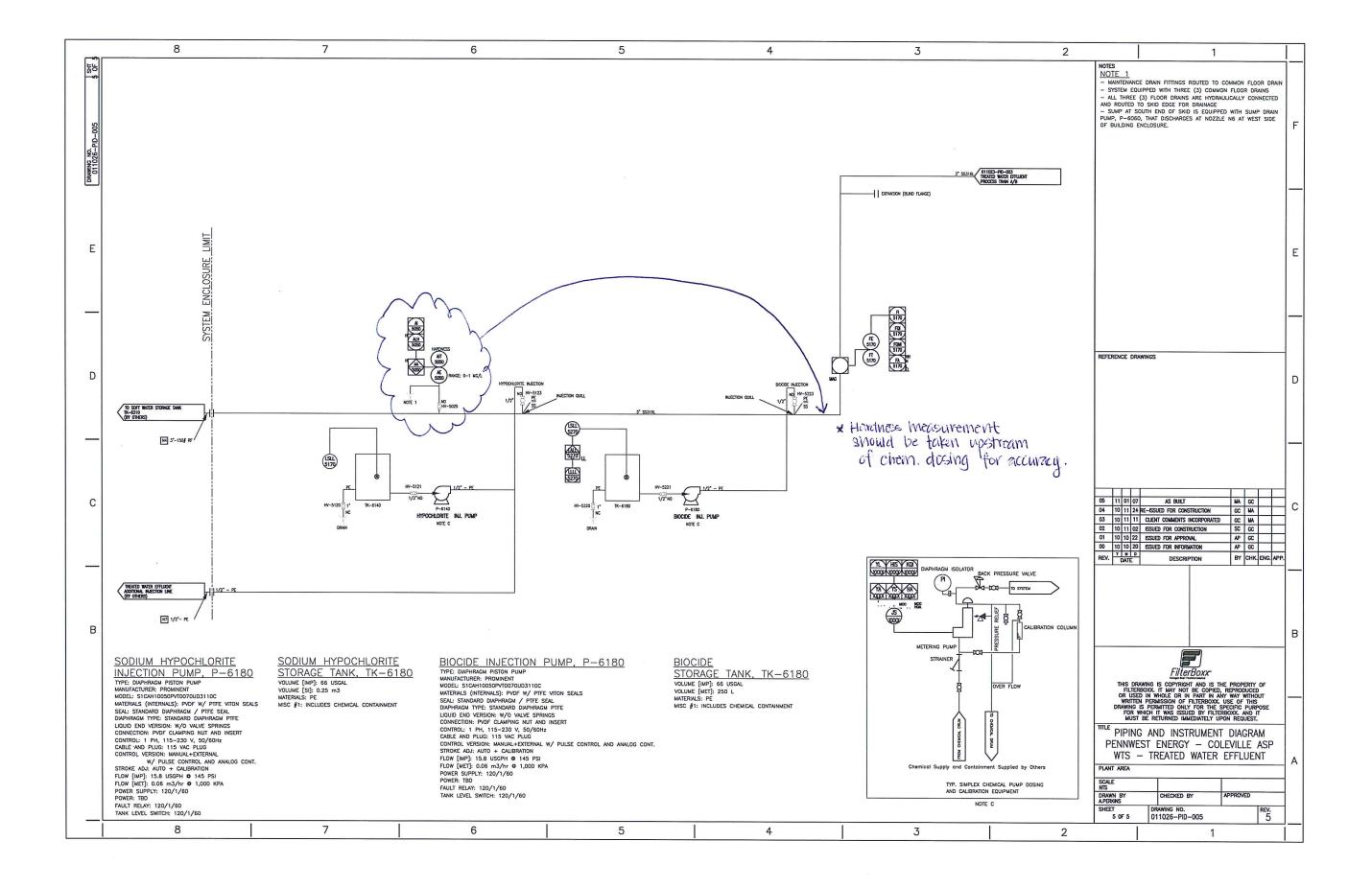
- DETAILS ON 011026-PID-004 MATERIALS 1 (FRAME): CS
MATERIALS 2 (INTERNALS): ANSI SS316L
MODEL: MVI-80-05
INLET/OUTLET: 2"/2" FITTING: #300 RF MOTOR
TYPE: TEFC
MANUFACTURER: BALDOR
FRAME: 213TC MISC #2: NO OTHER NDE REQUIRED
MISC #3: NO PWHT
MISC #4: BUILT TO ASME CODE SEC VIII DIV.1 MISC #5: UM STAMP FRAME: 213TC
POWER: 7.5 HP/5.6 KW
RPM: 3,450
VOLTAGE (VAC): 460/3/60
AMP DRAW (A): 8.6
RATED CAPACITY (IMP): 89 USGPM © 91 PSI
RATED CAPACITY (MET): 20.2 m3/hr © 630 KPA MISC #6: SWING CLOSURE W LIFTING HANDLE AND VITON 0-RING SEAL MISC #7: HOLDS FIVE (5) 2.5" OD X 40" LONG FILTER CARTRIDGES FROM RAW WATER TK-8010 FLOW: 36.7-172.5 USGPM/139-652 LPM TEMP: 5-60C/PRESS: 5.8 PSIG/40 KPA 011026-PID-002 PROCESS TRAIN A FILTERED WATER N1 4"-150# RF / 2 188 2 188 MEDIA FILTER EXPANSION (BUIND FLANCE) REFERENCE DRAWINGS D NOTE 1 C SC GC AP GC BISULFITE INJ. PUMP NOTE C BACK PRESSURE VALVE RAW/FILTERED WATER SUPPLY CV-1012 3, 223167 В SODIUM BISULFITE SODIUM BISULFITE INJECTION PUMP, P-6160 STORAGE TANK, TK-6160 THIS DRAWING IS COPPRIGHT AND IS THE PROPERTY OF FILTERBOXX, IT MAY NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART IN ANY WAY WITHOUT WRITTEN PERMISSION OF FILTERBOXX. USE OF THIS POWING IS PRUITED BOLY, FOR THE SPECIFIC PURPOSE FOR WHICH IT WAS ISSUED BY FILTERBOXX. AND IT MUST BE RETURNED IMMORTALY UPON REQUEST. OVER ELO TYPE: DIAPHRAGM PISTON PUMP MANUFACTURER: PROMINENT MODEL: S1CAH10050PVT0070UD3110C VOLUME [IMP]: 66 USGAL
VOLUME [MET]: 250 L
MATERIALS: PE
MISC #1: INCLUDES CHEMICAL CONTAINMENT MATERIALS (INTERNALS): PVDF W/ PTFE VITON SEALS MATERIALS (INTERNALS): PVDF W/ PTFE VITON S
SEAL: STANDARD UDAPHRAGM / PTFE SEAL
DUAPHRAGM TYPE: STANDARD DUAPHRAGM PTFE
LIQUID EAD VERSION: W/O VALVE SPRINGS
CONNECTION: PVDF CLAMPING NUT AND INSERT
CONTROL: 1 PH, 115–230 V, 50/60Hz
CABLE AND PLUG: 115 VAC PLUG PIPING AND INSTRUMENT DIAGRAM PENNWEST ENERGY - COLEVILLE ASP 0 WTS - RAW WATER FEED CONTROL VERSION: MANUAL+EXTERNAL W/ PULSE CONTROL AND ANALOG CONT.
STROKE ADJ: AUTO + CALIBRATION
FLOW [IMF]: 1.5.8 USCPH © 145 PSI
FLOW [IMF]: 0.06 M3/HR © 1,000 KPA TYP. SIMPLEX CHEMICAL PUMP DOSING AND CALIBRATION EQUIPMENT TYP. MOTOR AND PUMP POWER SUPPLY: 120/1/60 POWER: TBD FAULT RELAY: 120/1/60 - FOR MORE THAN ONE (1) DEMOE NOTE B NOTE C DRAWING NO. 011026-PID-001 REV. 1 0F 5 TANK LEVEL SWITCH: 120/1/6 8 7 6 5 4 3 2

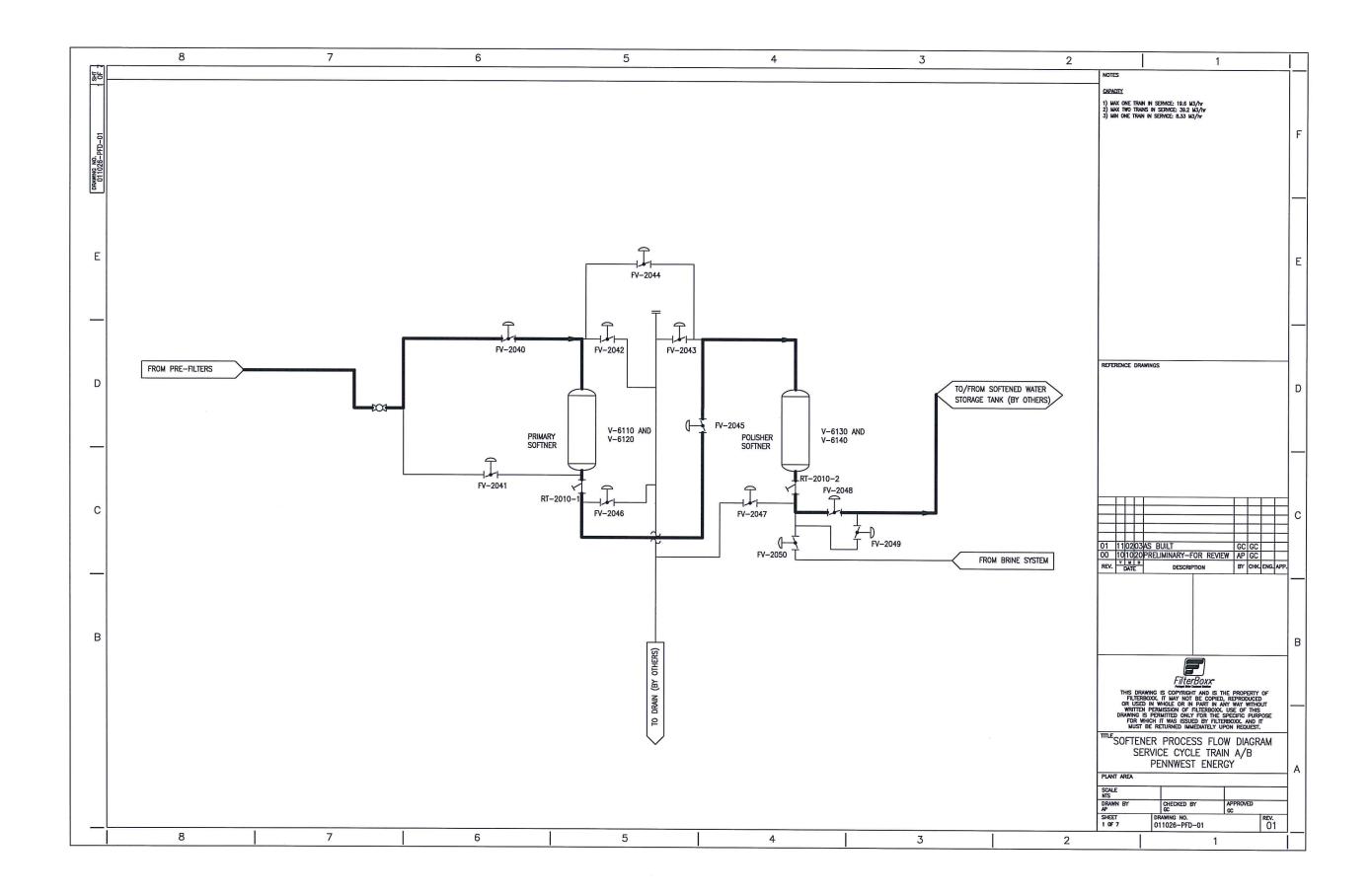
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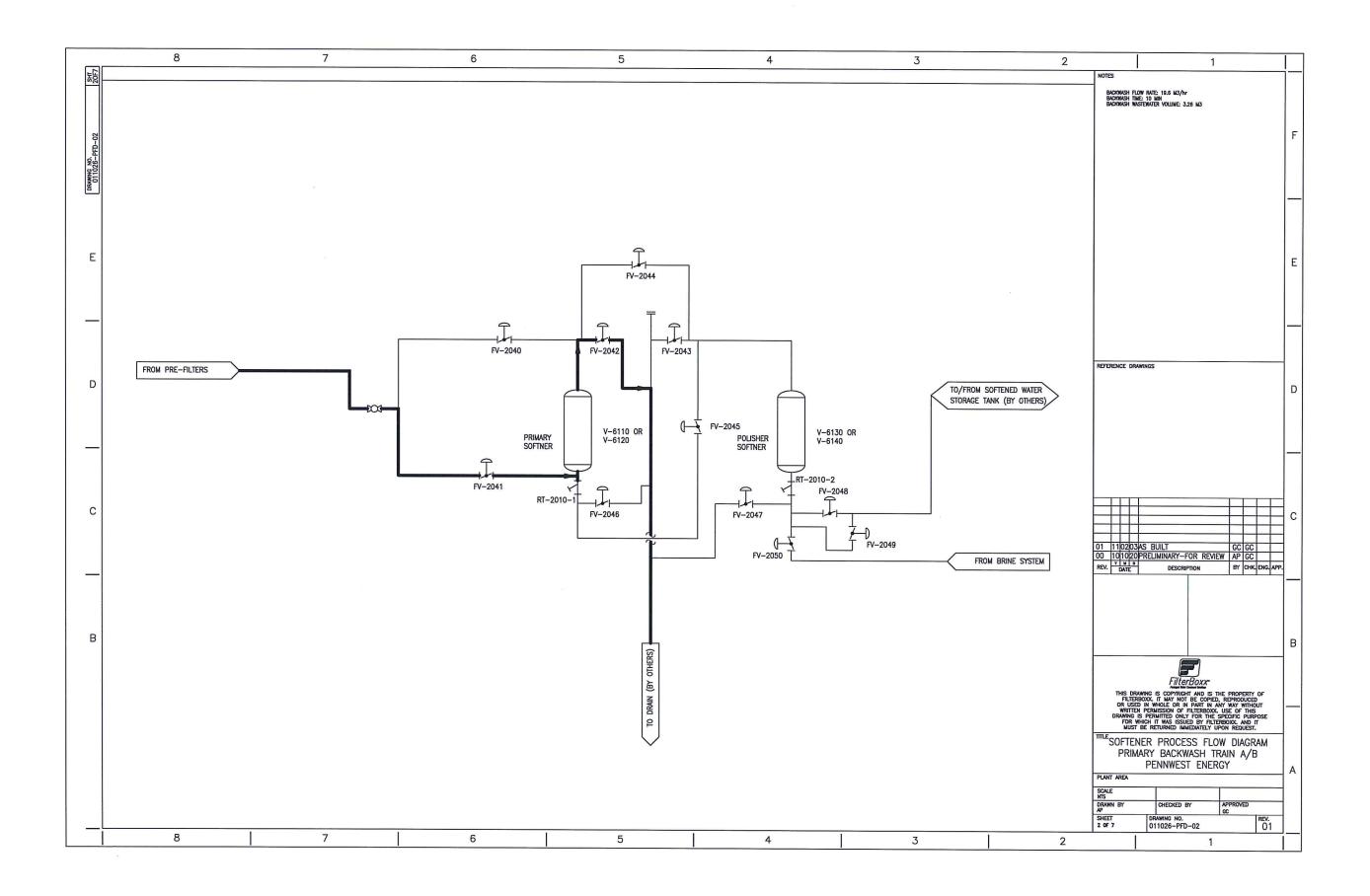


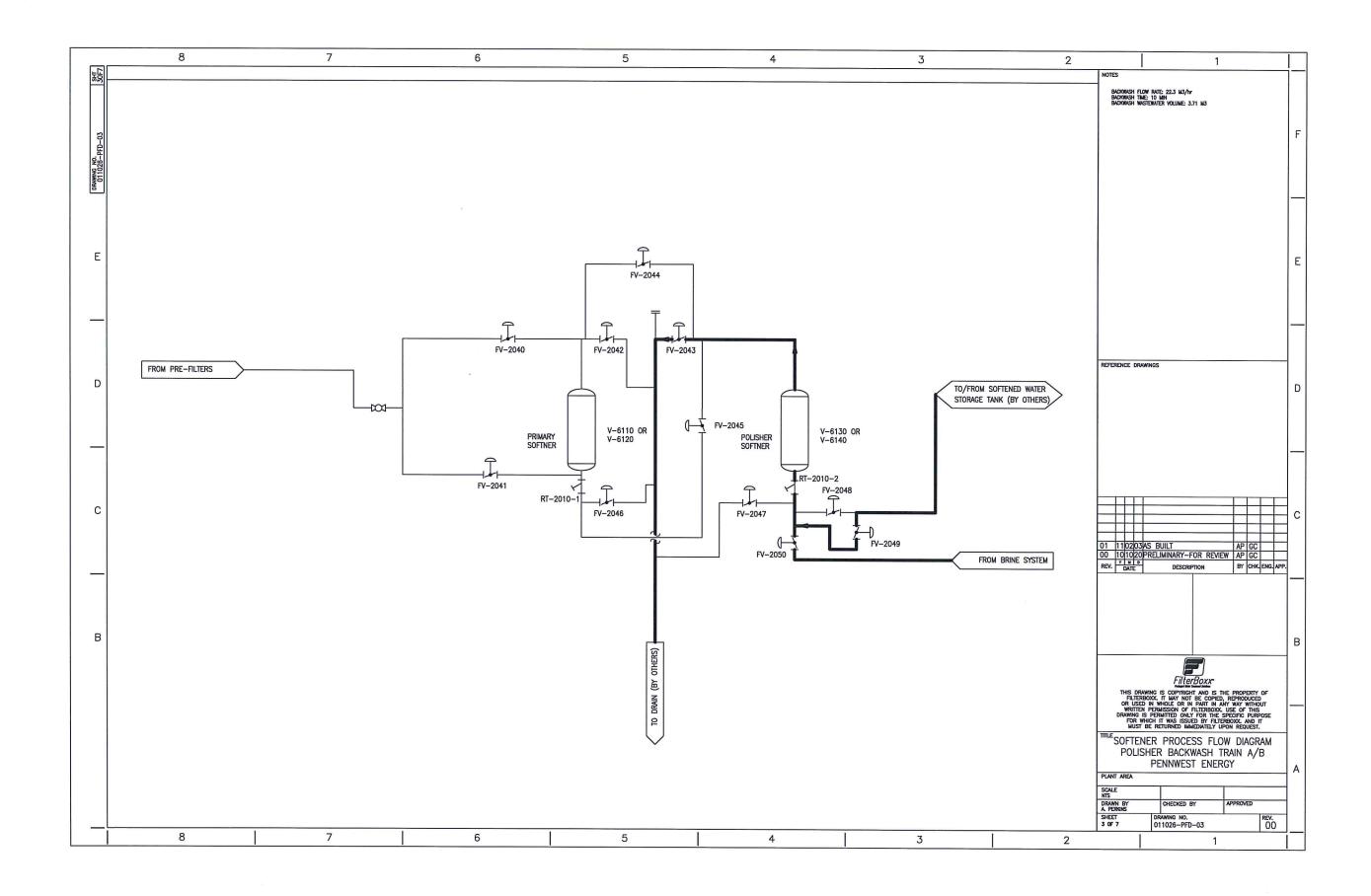


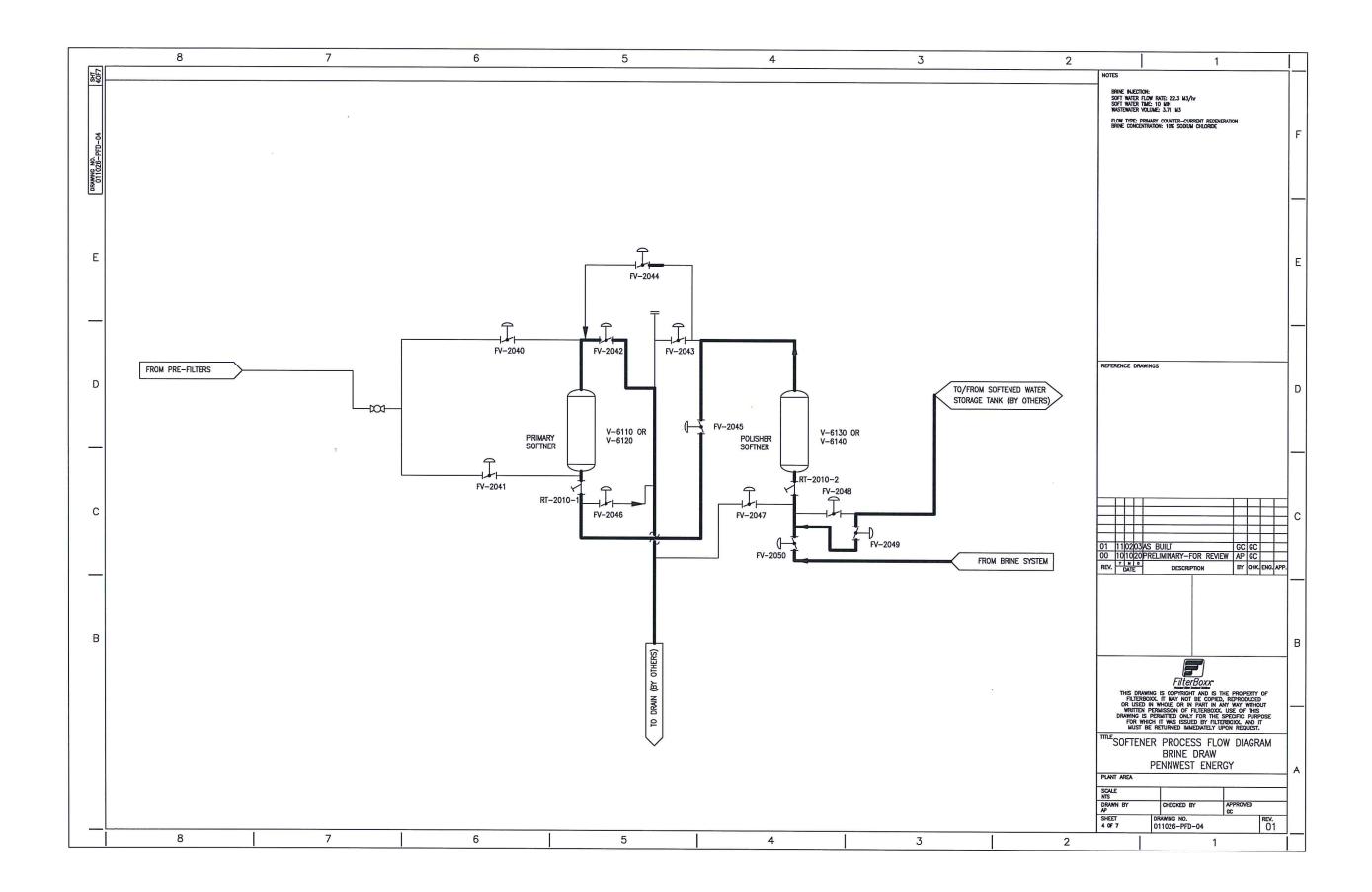


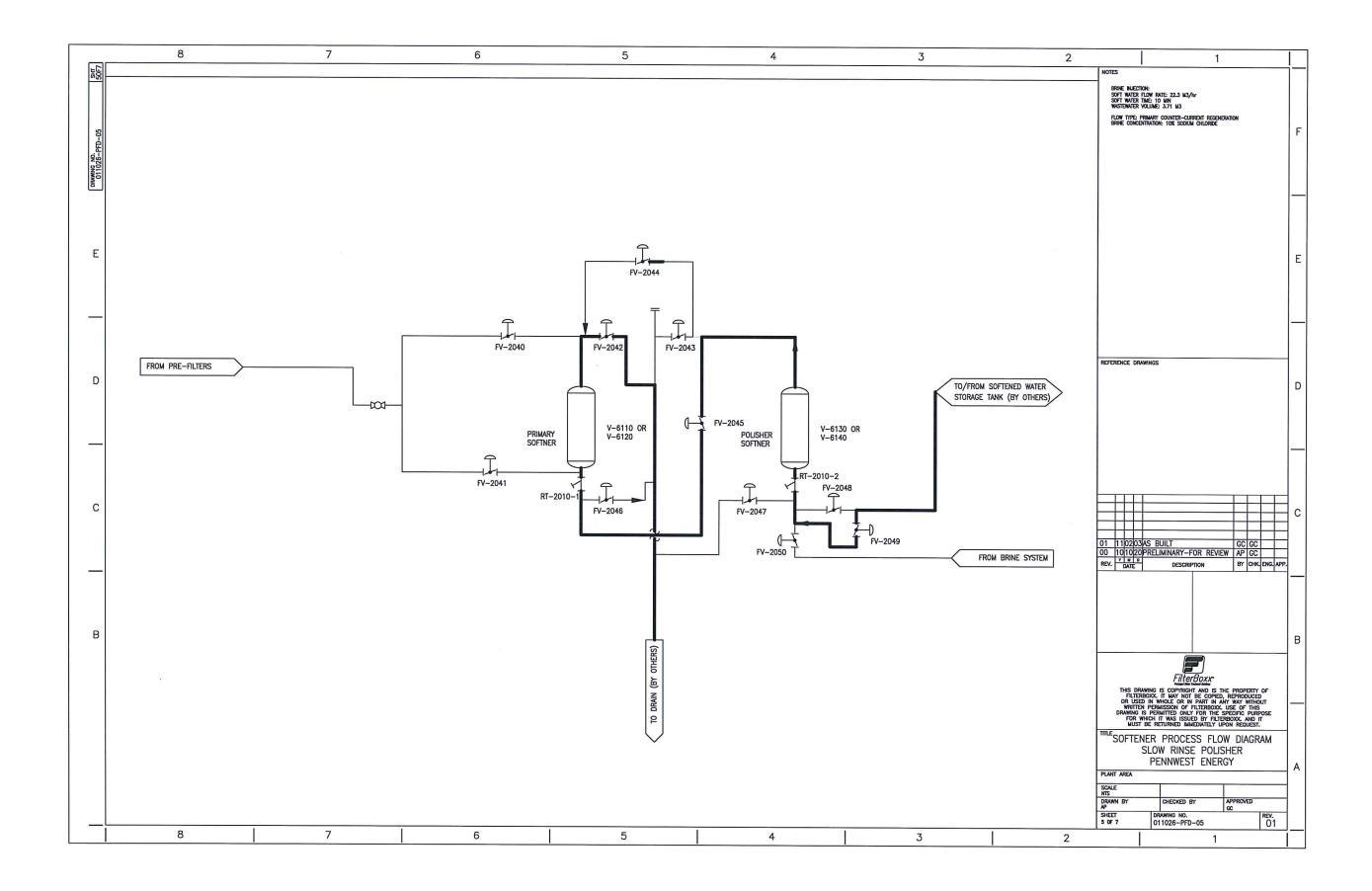


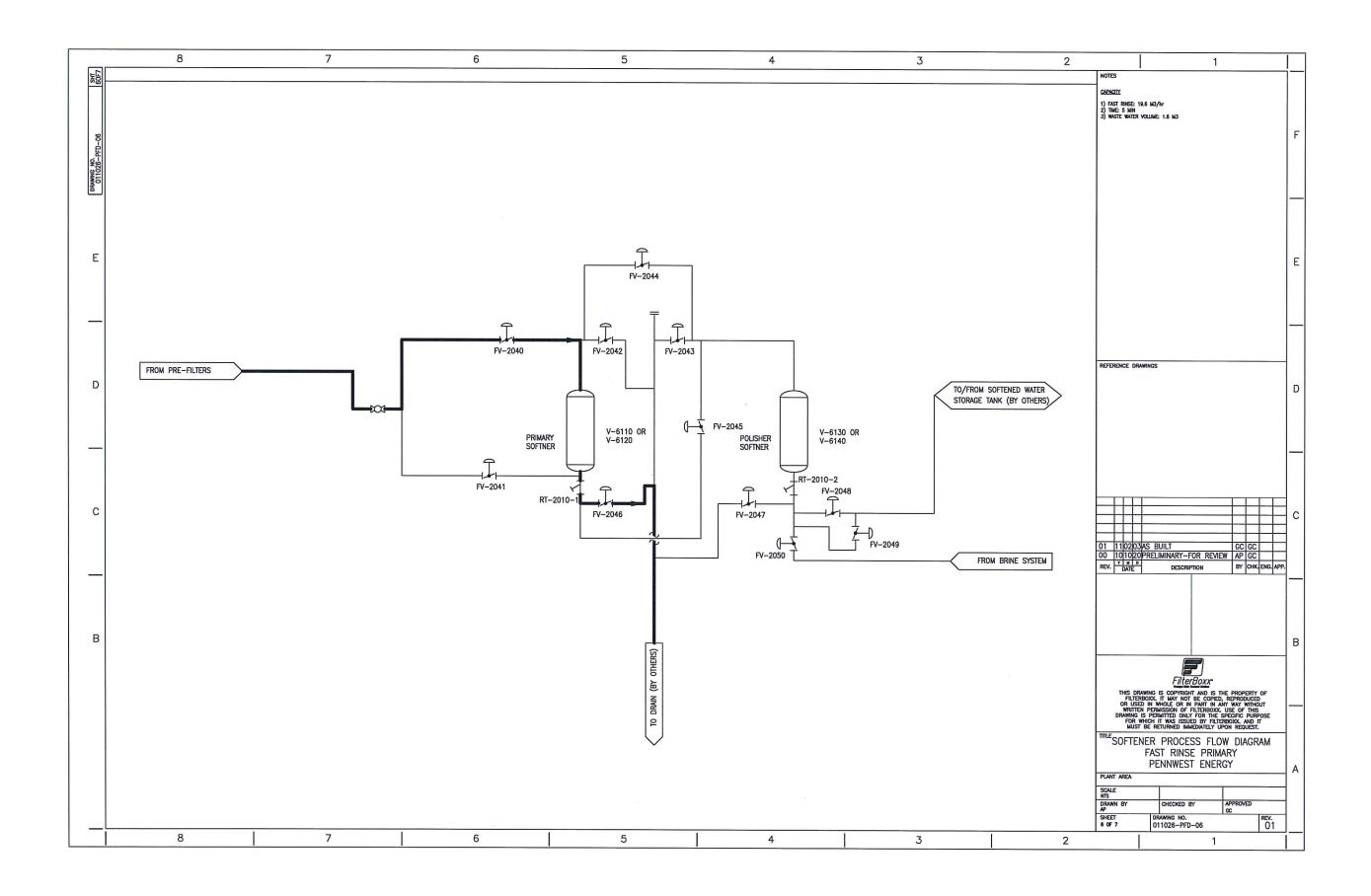


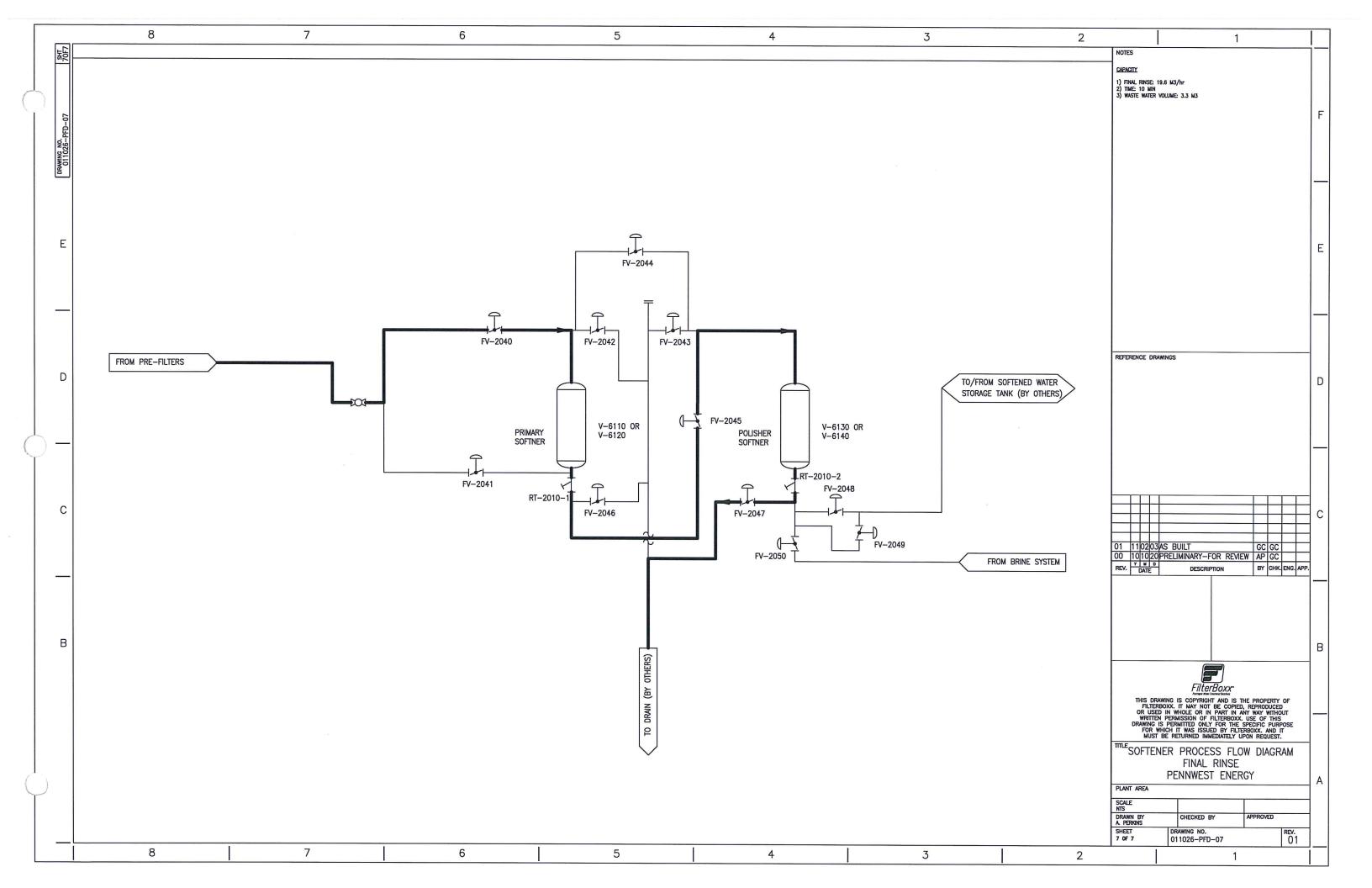


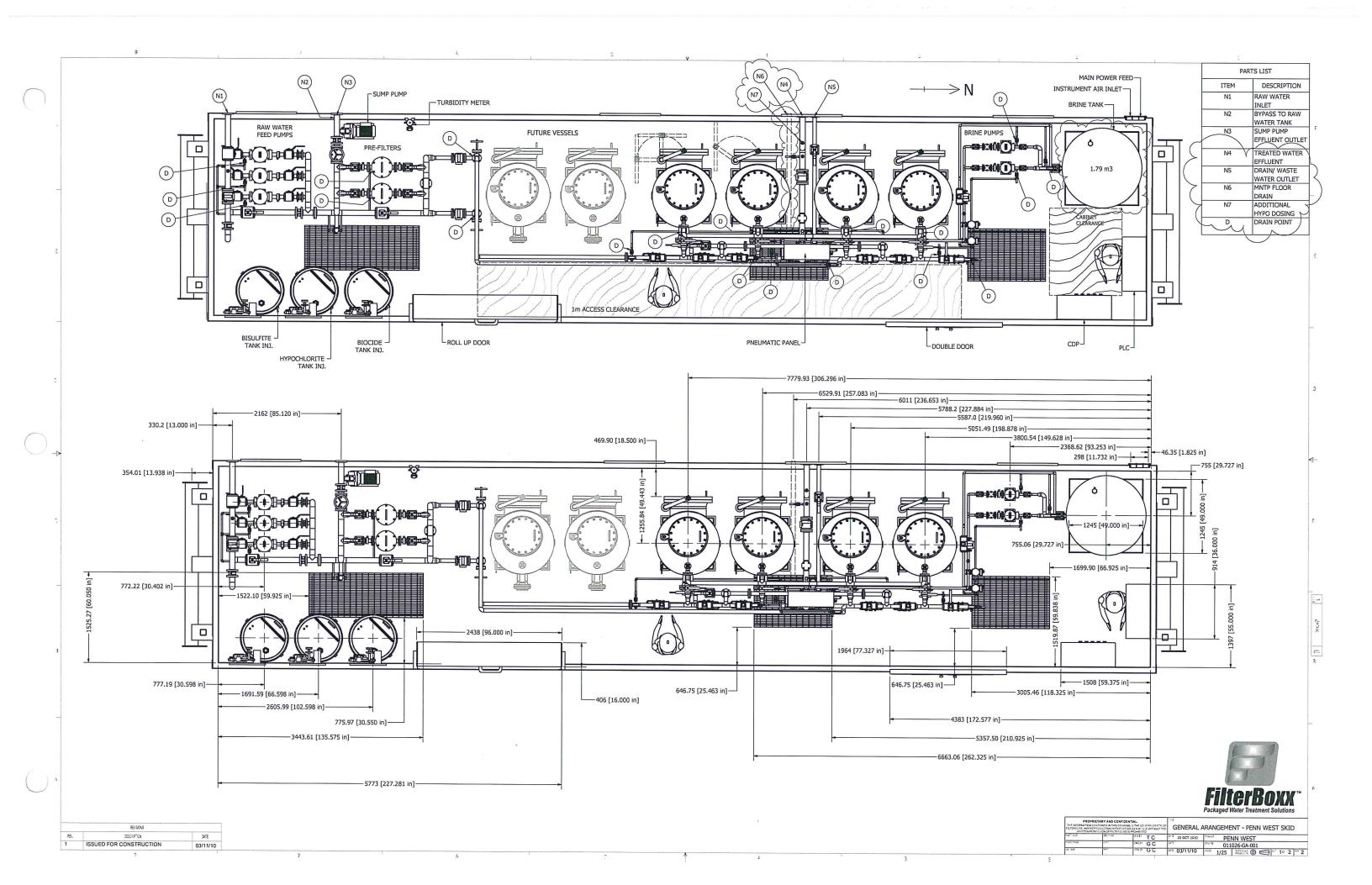


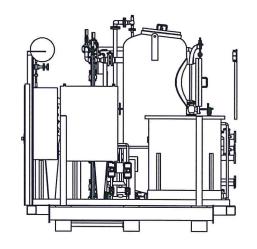


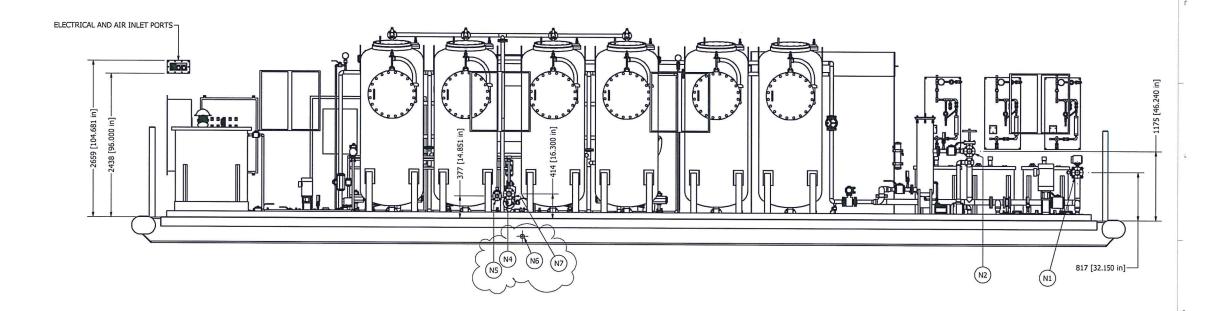


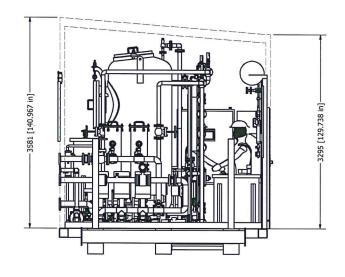


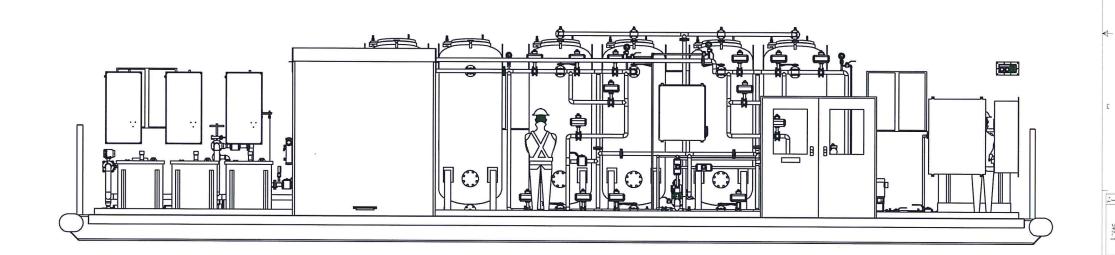










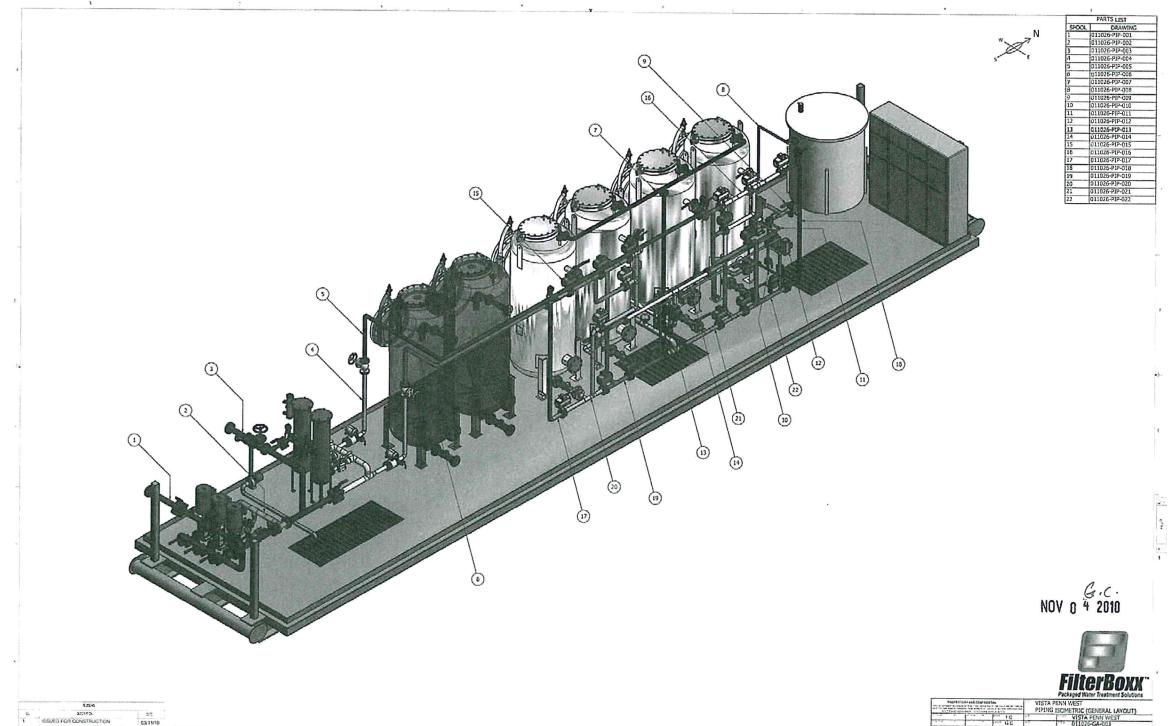




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REV.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	03/11/10





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