P-630
SUMP PUMP

ALLWEILLER MODEL AE2E 100-ID/131
10 USGPM @ 100 PSIG DISCHARGE PRESSURE
316 SS ROTOR WITH HARD CHROME PLATING
VITON STATOR
VITON MECHANICAL SEAL
DRY RUN PROTECTION RTD
FOOT VALVE
TECO WESTINGHOUSE 1800 RPM, 3 HP/208 VOLT/3 PHASE
CLASS ZONE 1 EXPLOSION PROOF MOTOR

F-605A/B
COARSE FILTERS

FLOWRATE 3000 m3/D WITH 75 um FILTER BAGS
DEVOE 253 INTERNAL COATING
DP = 4612 kPag
CARBON STEEL MATERIALS

F-610A/B
FINE FILTERS

FLOWRATE 3000 m3/D WITH 25 um FILTER BAGS
DEVOE 253 INTERNAL COATING
DP = 4612 kPag
CARBON STEEL MATERIALS

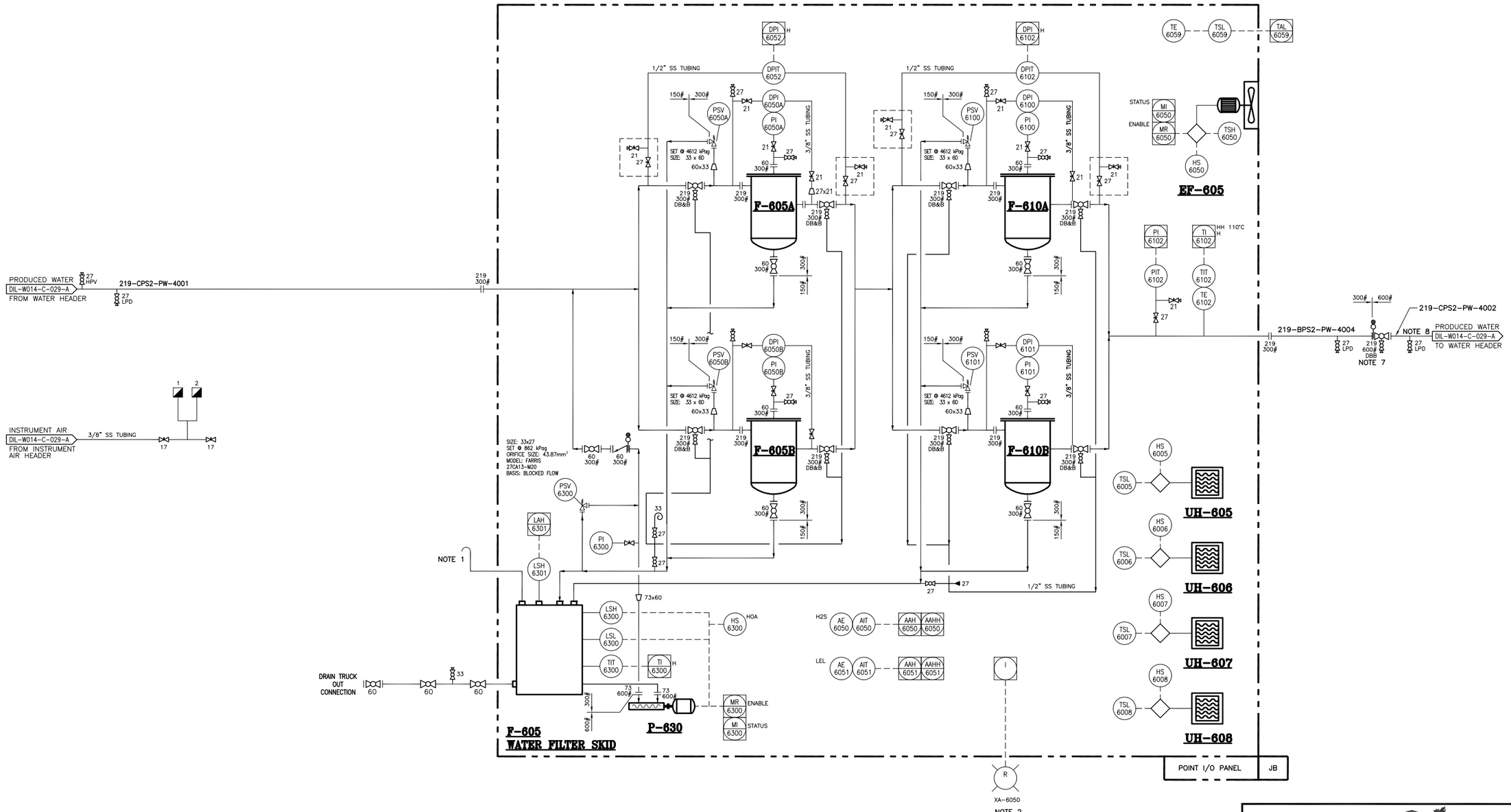
UH-605/606/607/608
UNIT HEATERS

EF-605
EXHAUST FAN

EXPLOSION PROOF
120V/1 PH/60Hz
c/w BACK GUARD & SHUTTER

NOTES:

1. VENT TO ATMOS. ABOVE BUILDING EAVE HEIGHT.
2. MOUNT BEACON OUTSIDE BUILDING NEAR MAIN DOOR.
3. ADDED BEACON AT FILTERS ACTIVATED VIA LAH-6301. (NEXEN)
4. ADDED AUTOMATIC DIVERT TO SUMP PUMP PIGGING. (NEXEN)
5. INSULATE BOTTOM OF SKID. (NEXEN)
6. ADDED SKIRTING TO SUMP. (NEXEN)
7. EXISTING VALVES RELOCATED FROM b-77-H/94-O-8 WELL PAD.
8. NO PRESSURE SOURCE CAPABLE OF PRODUCING PRESSURES EXCEEDING 4612 kPag. LINE WILL BE HYDRO TESTED AT MINIMUM OF 1.4x7930 kPag.



PROJECT REVISION					
REV No	DATE (YYYY-MM-DD)	DESCRIPTION	DRAFTED BY	CHECKED BY	APPROVED BY

REFERENCE DRAWINGS	
DRAWING No	TITLE

NEXEN REVISION			APPROVAL		
REV No	DATE (YYYY-MM-DD)	DESCRIPTION	DRAFTED BY	CHECKED BY	APPROVED BY
2	2016-06-24	AS-BUILT (DNS DESIGN - BC0078)	DSK	MF/AM	
1	2014-01-08	AS-BUILT (SMCI PROJ. # NE12-01792)	PIR	TWJ	DLM
0	2012-10-25	DRAFT TEMPLATE (NEXEN)			

PROFESSIONAL STAMP | PERMIT STAMP

DATE

nexen

DILLY CREEK WELLSITE
WATER FILTRATION PACKAGE
PIPING AND INSTRUMENTATION DIAGRAM

PROJECT NUMBER	LOCATION	SCALE
BC0078	d-37-H/94-O-8	NTS
EPC NAME: SOLARIS - MCI	EPC DRAWING No.: NE12-01792	
NEXEN DWG No: DIL-W014-C-032-A	SHEET No: 1 OF 1	REV: 2