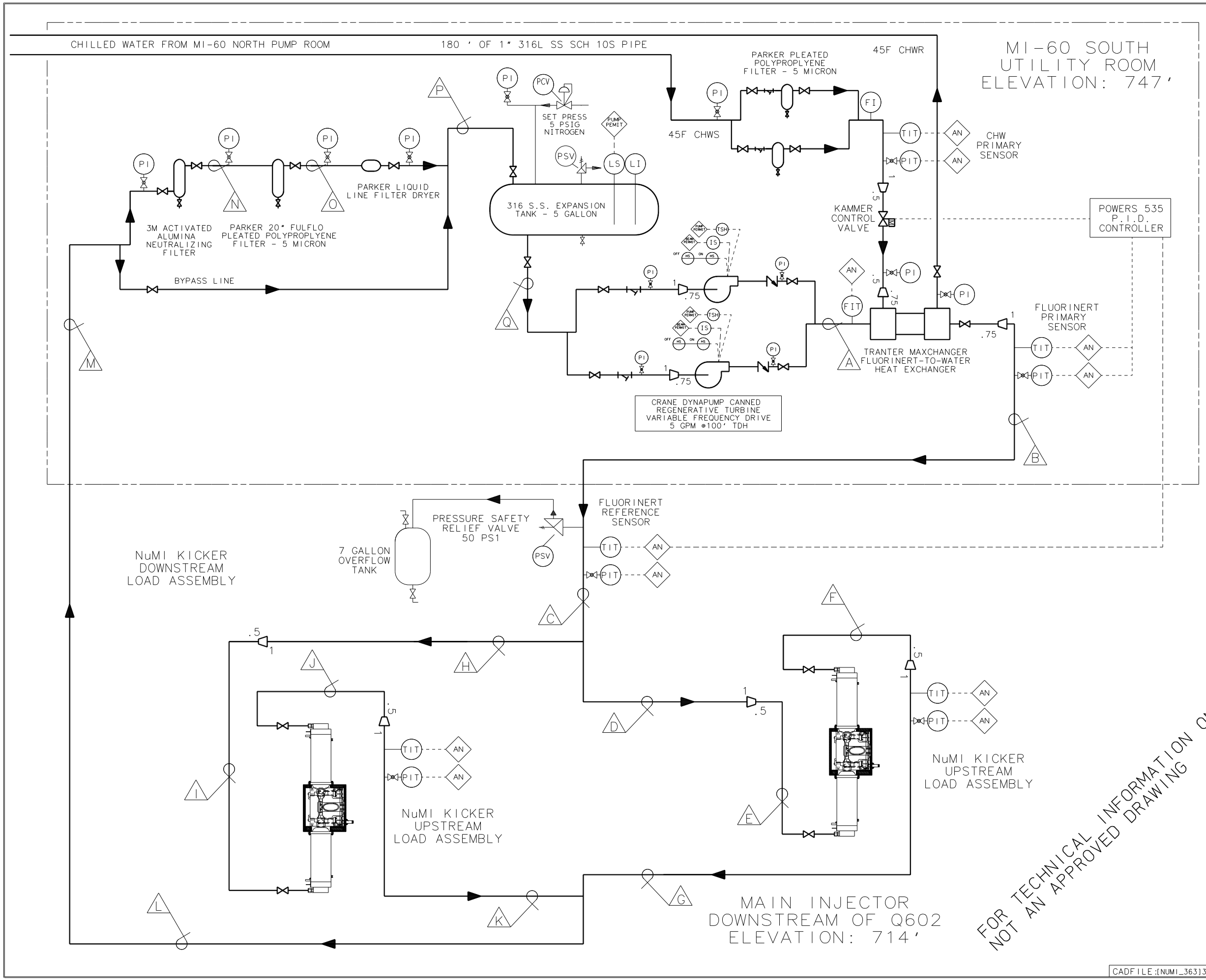
REV.	DESCRIPTION	DRAWN	DATE
		APPD.	DATE



KEY

SIGNAL TO ACNET - AN
HAND SWITCH - HS
FLOW INDICATOR/TRANSMITTER - FT
FLOW INDICATOR - FI
CURRENT SWITCH - IS
LEVEL INDICATOR - LI
LEVEL SWITCH - LS
PRESSURE CONTROL VALVE - PCV
PRESSURE INDICATOR - PI
PRESSURE INDICATOR/TRANSMITTER - PIT
PRESSURE SAFETY VALVE - PSV
TEMPERATURE SWITCH HIGH - TSH
TEMPERATURE INDICATOR/TRANSMITTER - TIT

LOCATION	PRESSURE (PSIG)	FLOWRATE (GPM)	VELOCITY (FT/SEC)
A	26.08	5.21	5.54
B	24.74	5.21	5.54
C	38.23	5.21	2.62
D	37.90	2.62	1.32
E	45.59	2.62	6.63
F	38.76	2.62	6.63
G	34.12	2.62	1.32
H	38.09	2.59	1.30
I	45.59	2.59	6.54
J	38.87	2.59	6.54
K	34.24	2.59	1.30
L	34.10	5.21	2.62
M	12.70	5.21	2.62
N	10.60	5.21	2.62
O	8.55	5.21	2.62
P	7.47	5.21	2.62
Q	7.15	5.21	2.62

NOTE: 1. FLUORINERT COOLING LINES USE QUAD BUS PENETRATION K145B.
2. FLOW DATA GENERATED IN SINET XLT VER. 6.0.

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
PARTS LIST			

UNLESS OTHERWISE SPECIFIED					
.XX	.XXX	ANGLES	ORIGINATOR	S. Reeves	12/3/01
±	±	±	DRAWN	S. Reeves	6/13/02
			CHECKED		
			APPROVED		
			USED ON		
			MATERIAL		

1. BREAK ALL SHARP EDGES 1/64 MAX.
2. DO NOT SCALE DRAWING.
3. DIMENSIONS BASED UPON ANSI Y14.5M-1982
4. MAX. ALL MACH. SURFACES √

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

NUMI KICKER
LOAD ASSEMBLY COOLING
P & I D

SCALE	FILMED	DRAWING NUMBER	REV.
NONE		8875.117-MD-363907	

CADFILE:[NUMI_363]363****.dwg CREATED WITH I-DEAS_VI USER NAME: