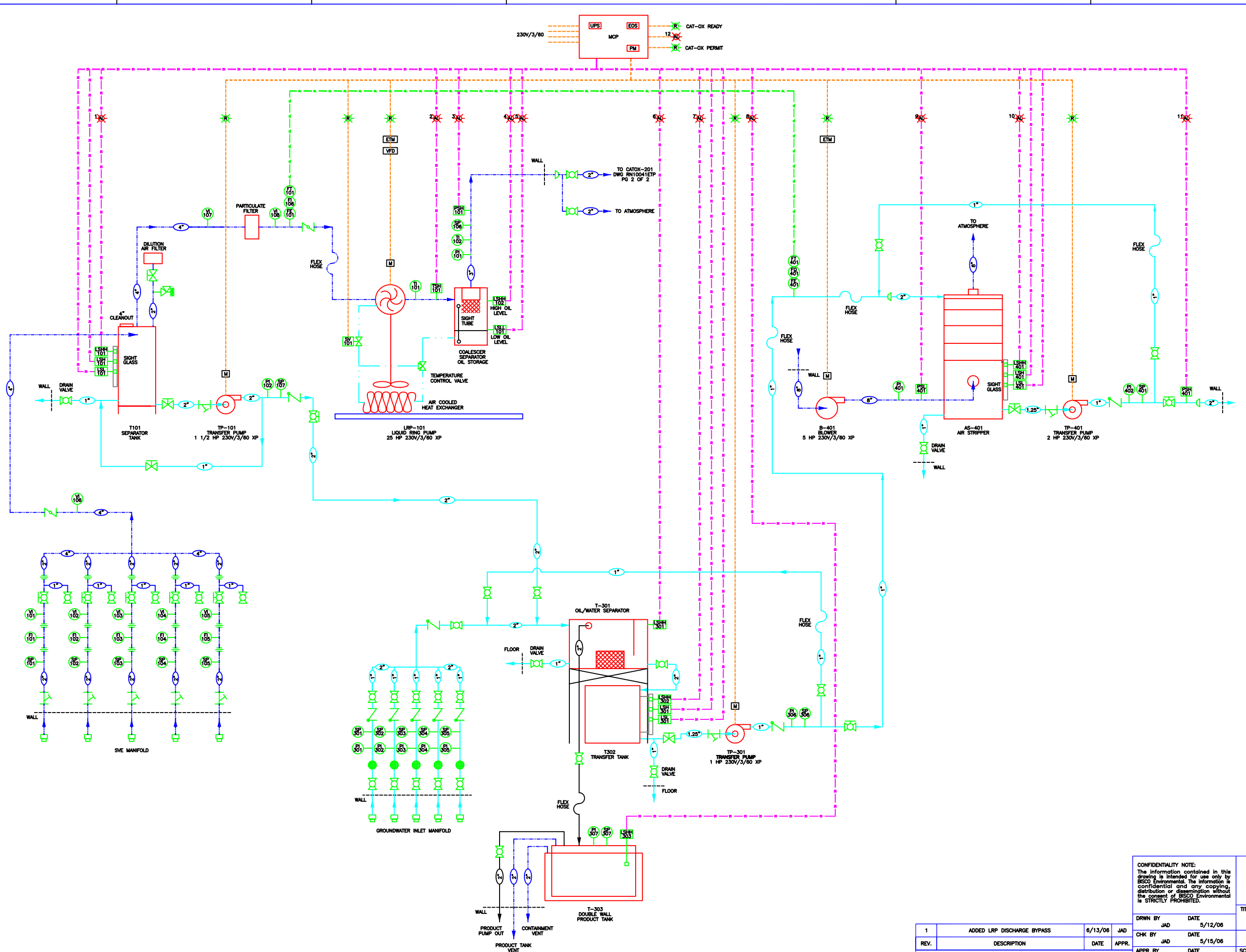

LEGEND	
EOS	TELEMETRY UNIT
ETM	ELAPSED TIME METER
FE	FLOW ELEMENT
FI	FLOW INDICATOR
FQ	FLOW TOTALIZER
FT	FLOW TRANSMITTER
GFCI	GROUND FAULT CIRCUIT INTERUPT
LSH	LEVEL SWITCH HIGH
LSHH	LEVEL SWITCH HIGH HIGH
LSL	LEVEL SWITCH LOW
LSLL	LEVEL SWITCH LOW LOW
M	MOTOR
MCP	MASTER CONTROL PANEL
PI	PRESSURE INDICATOR
PM	PHASE MONITOR
PSH	PRESSURE SWITCH HIGH
PSL	PRESSURE SWITCH LOW
SP	SAMPLE PORT
SV	SOLENOID VALVE
TI	TEMPERATURE INDICATOR
TSH	TEMPERATURE SWITCH HIGH
UPS	UNINTERRUPTIBLE POWER SUPPLY
VFD	VARIABLE FREQUENCY DRIVE
VI	VACUUM INDICATOR
	GATE VALVE
	CHECK VALVE
	WYE STRAINER
	RELIEF VALVE
	BALL VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	BASKET STRAINER
	MALE CAMLOCK
	REDUCER
	UNION
AL	ALARM LIGHT
R	RUN LIGHT
	CONTROL LINE
	WATER LINE
	AIR LINE
	INTRINSICALLY SAFE
	INTRINSICALLY SAFE ANALOG LINE

CONTAINER SYSTEM ALARMS

1. MOISTURE SEPARATOR HIGH HIGH LEVEL
2. LIQUID RING PUMP HIGH TEMPERATURE
3. LIQUID RING PUMP HIGH DISCHARGE PRESSURE
4. LIQUID RING PUMP OIL HIGH HIGH LEVEL
5. LIQUID RING PUMP OIL LOW LOW LEVEL
6. OIL WATER SEPARATOR HIGH HIGH LEVEL
7. TRANSFER TANK HIGH HIGH LEVEL
8. PRODUCT TANK HIGH HIGH LEVEL
9. AIR STRIPPER BLOWER LOW PRESSURE
10. AIR STRIPPER SUMP HIGH HIGH LEVEL
11. AIR STRIPPER TRANSFER PUMP HIGH PRESSURE
12. CATOX FAULT

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REV.	DESCRIPTION	DATE	APPR.
1	ADDED LRP DISCHARGE BYPASS	6/13/06	JAD

REVISIONS

DRWN BY JAD DATE 5/12/06
CHK BY JAD DATE 5/15/06
APPR BY DATE

BISCO Environmental
Soil & Groundwater Remediation Equipment
Randolph, Massachusetts 02368

TITLE
DUAL PHASE & GROUNDWATER TREATMENT SYSTEM
PROCESS & INSTRUMENTATION DIAGRAM

BISCO ENVIRONMENTAL
DUAL PHASE & GWT RENTAL TRAILER

JOB NO. RN10041

SCALE	SIZE	DWG NO.	SHEET	REV
N/A	D	RN10041ETP	1 OF 2	1