

E337697-PM403-50-031-0001



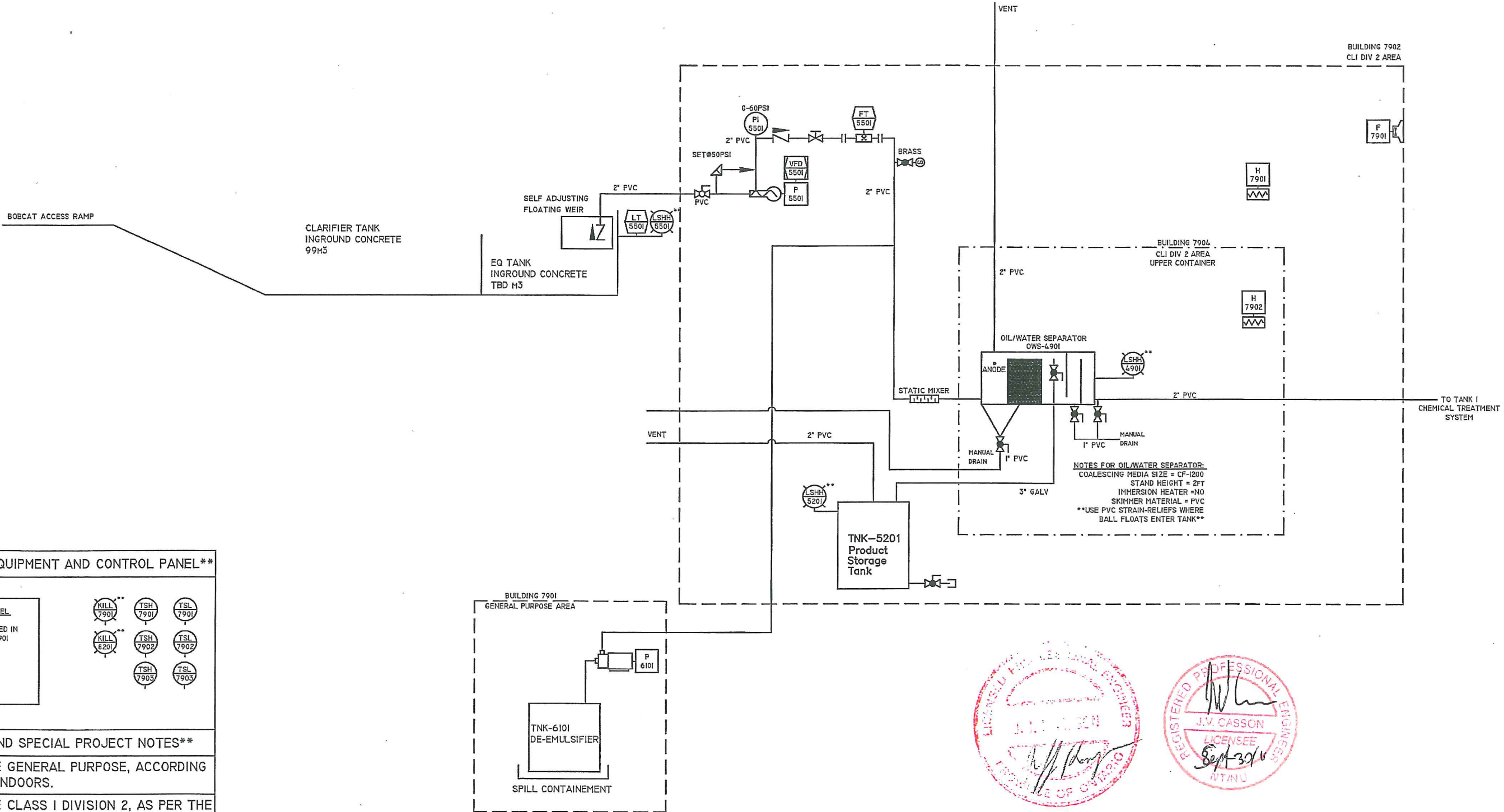
H337697 Mary River Project
Oily Water Treatment System

PROMINENT GAMMA
TAG = P-6101
FLOWRATE & PRESSURE = 4.16L/HR @ 1000KPa
HORSEPOWER = N/A
VOLTAGE & PHASE = 120V 1PH
FULL-LOAD AMPS = N/A

MOYNO 367
TAG = P-5501
FLOWRATE & PRESSURE = 0.25M3/HR @ 59.9KPa
HORSEPOWER = 1.5HP
VOLTAGE & PHASE = 575 V, 3 PH TEFC
FULL-LOAD AMPS = 1.8 A CLI DIV 2

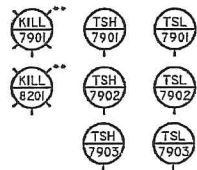
CALORITECH XB5-6375
TAG = H-7901H-7902
FLOWRATE & PRESSURE = N/A
HORSEPOWER = 3600W
VOLTAGE & PHASE = 575 V, 3 PH XPF
FULL-LOAD AMPS =

CANARM SD-12XFF
TAG = F-7901
FLOWRATE & PRESSURE = N/A
HORSEPOWER = 1/3HP
VOLTAGE & PHASE = 120V, 1PH
FULL-LOAD AMPS = 2A



BUILDING EQUIPMENT AND CONTROL PANEL

CONTROL PANEL
TO BE LOCATED IN
BUILDING B-7901



WIRING AND SPECIAL PROJECT NOTES

WIRING TO BE GENERAL PURPOSE, ACCORDING
TO CEC FOR INDOORS.

WIRING TO BE CLASS I DIVISION 2, AS PER THE
CEC. FOR B-7904 AND 7902 HAZARDOUS AREAS

PIPING DETAILS:
- WATER FLOW METERS: PROVIDE 10 DIA. OF STRAIGHT PIPE BEFORE AND 5 DIA. OF STRAIGHT PIPE AFTER METERS. ENSURE THAT THROTTLING VALVES ARE NOT DIRECTLY IN LINE WITH METERS.
- AIR FLOW METERS: PROVIDE 8 DIA. OF STRAIGHT PIPE BEFORE AND 3 DIA. OF STRAIGHT PIPE AFTER METERS, IF POSSIBLE. AVOID TEES AND ELBOWS BEFORE AND AFTER METERS.
- MATERIALS OF VALVES AND FITTINGS TO BE THE SAME AS THE DESCRIPTION AT THE LINE. IF THERE IS A TRANSITION FROM PVC TO STEEL, THE VALVE SHOULD BE BRASS.
- THERE ARE NO SPECIAL PIPING REQUIREMENTS OTHER THAN WHAT IS EXPLAINED ON THE DIAGRAM.
- WHEN PVC HOSE IS SPECIFIED, ALWAYS USE VACUUM HOSE; USE GREEN HOSE FOR PRESSURES LESS THAN 60PSI; USE TANK TRUCK HOSE FOR PRESSURES BETWEEN 60PSI AND 150PSI.
- PVC PIPE MAY BE SUBSTITUTED WITH EQUAL-SIZED PVC HOSE WHERE A FLEXIBLE CONNECTION IS PREFERRED.

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A-01	SEPT. 19 2011	MH	FLOATING WEIR ADDED	
A	SEPT. 13 2011	MH	FOR REVIEW	

DWG. NO:	101002-01 (PAGE 1 OF 3)
TITLE:	PROCESS & INSTRUMENTATION DRAWING
CUSTOMER:	CHEMICAL WATER TREATMENT SYSTEM MARY RIVER WWTP BAFFINLAND
	FILTER INNOVATIONS INC.

