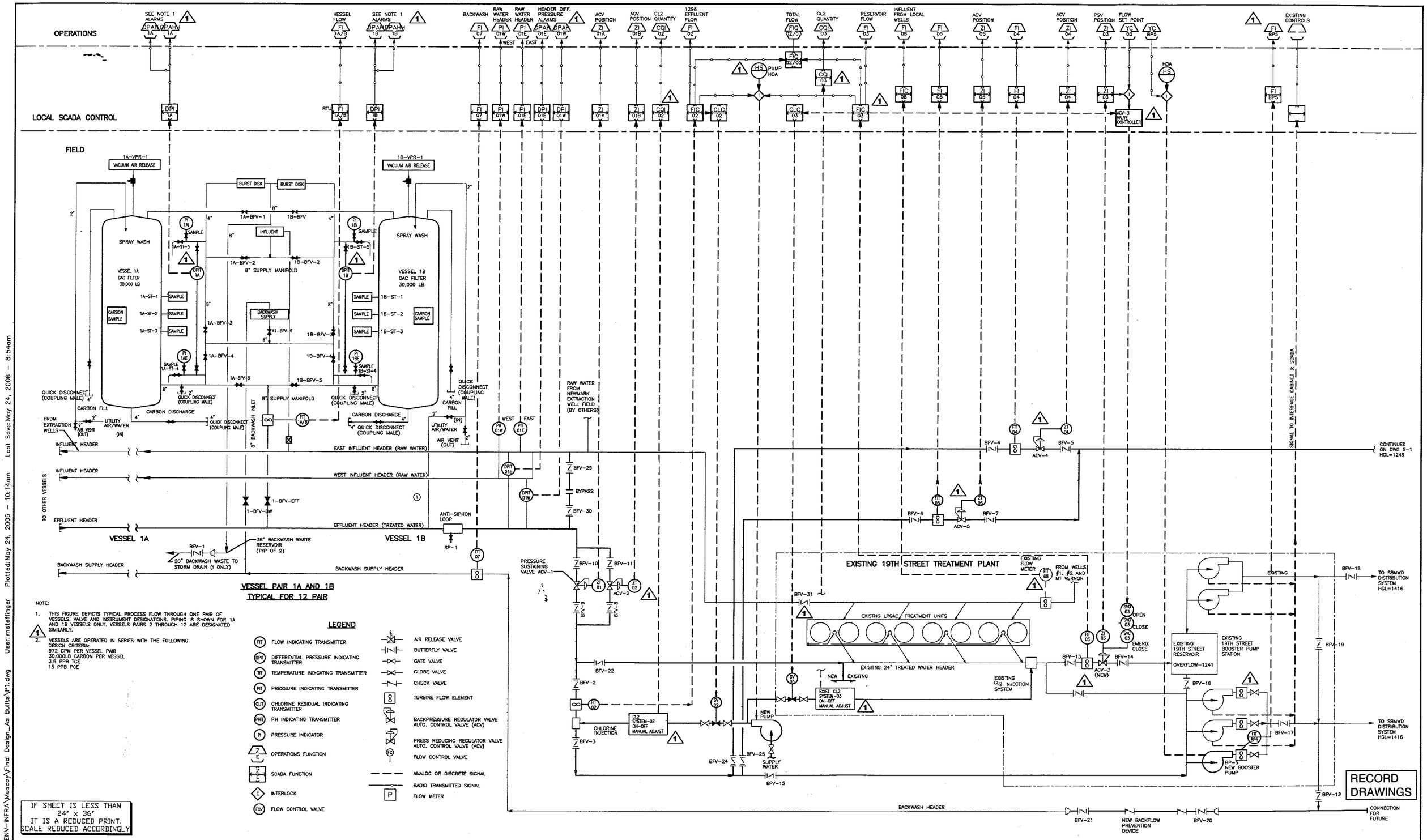


NOTE:

1. THIS FIGURE DEPICTS TYPICAL PROCESS FLOW THROUGH ONE PAIR OF VESSELS. VALVE AND INSTRUMENT DESIGNATIONS. PIPING IS SHOWN FOR 1A AND 1B VESSELS ONLY. VESSELS PAIRS 2 THROUGH 12 ARE DESIGNATED SIMILARLY.

2. VESSELS ARE OPERATED IN SERIES WITH THE FOLLOWING DESIGN CRITERIA:
   972 GPM PER VESSEL PAIR
   30,000LB CARBON PER VESSEL
   3.5 PPB TCE
   15 PPB PCE

IF SHEET IS LESS THAN 24" x 36" IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY

RECORD DRAWINGS

| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | 11/05 | RECORD REVISION | | | |

REVISIONS

DESIGNED BY: PAS
DRAWN BY: FTB
CHECKED BY: DHD

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2870 Gateway Oaks Drive, Suite 300
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No. 042917
Exp. 03-31-04
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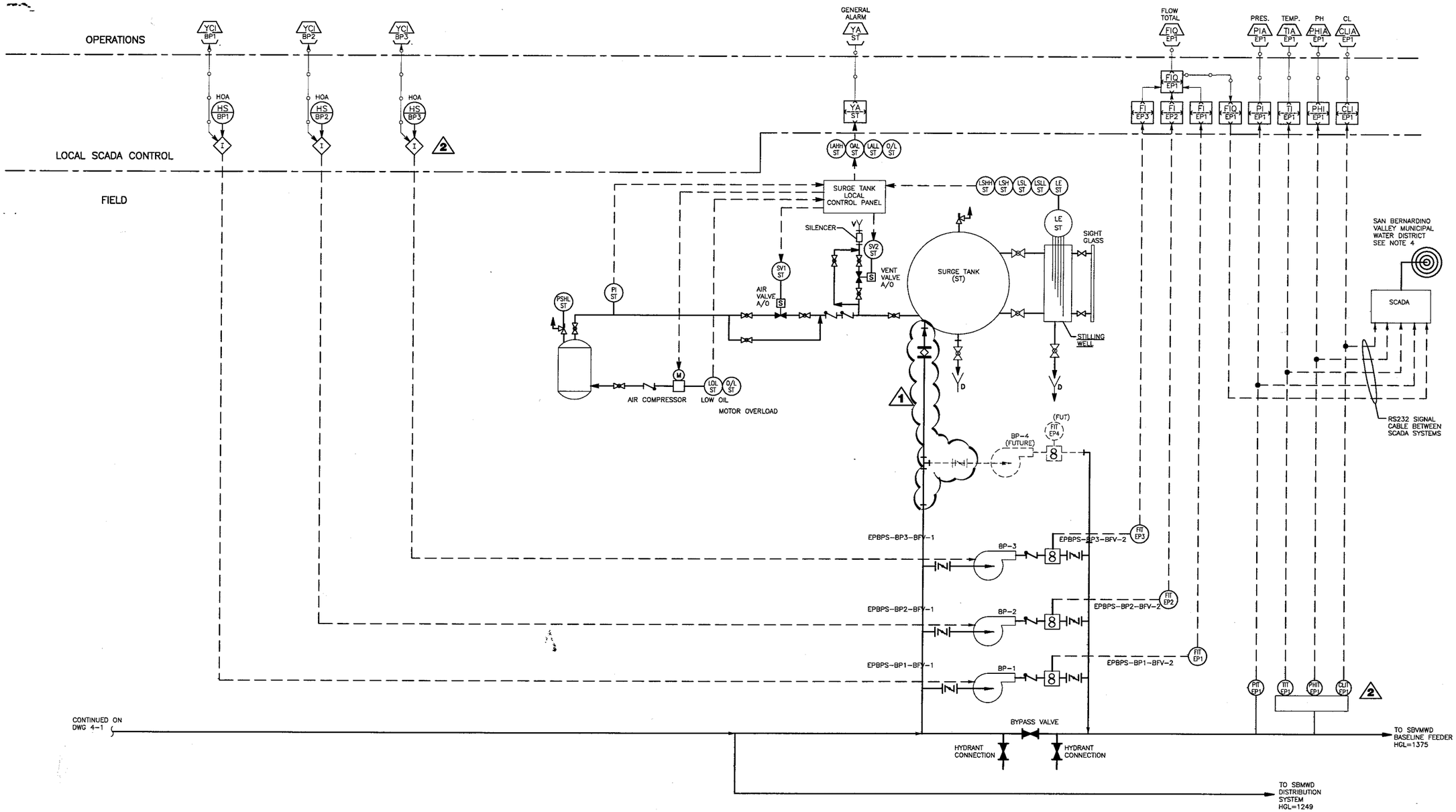
STATE OF CALIFORNIA

MUSCOY OU REMEDIAL DESIGN
19th STREET PLANT & ENCANTO PARK PUMPING PLANT
NEWMARK GROUNDWATER CONTAMINATION SUPERFUND SITE

19TH STREET PLANT
PIPING AND INSTRUMENTATION DIAGRAM

SCALE | DATE: 6/14/03 | DWG. FILE: P1.DWG | SHEET NO.: P1

H:\CADD\Current\ENV-INFRA\Muscoy\Final Design_As Builts\P1.dwg User:mstetfinger Plotted:May 24, 2006 - 10:14am Last Save:May 24, 2006 - 8:54am




IF SHEET IS LESS THAN 24" x 36" IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY

# CCO No. 8

RECORD DRAWINGS

| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | 5/04 | MOVE SURGE TANK CONNECTION | 2 | 11/05 | RECORD REVISION |

REVISIONS

DESIGNED BY: PAS
DRAWN BY: ETB
CHECKED BY: DHD/AH

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MUSCOY OU REMEDIAL DESIGN
CONTAMINATION SUPERFUND SITE
NEWMARK GROUNDWATER

ENCANTO PARK PUMP STATION
PIPING AND INSTRUMENTATION DIAGRAM

| SCALE: | DATE: | DWG. FILE: | SHEET NO. |
|---|---|---|---|
| AS NOTED | 5/12/04 | P2-CCO-#8.DWG | P2 |

n:\CADD\Current\ENV-INFRA\Muscoy\Final Design_As Builts\P2.dwg User: mstettinger Plotted: May 25, 2006 - 8:51am Last Save: May 25, 2006 - 8:51am