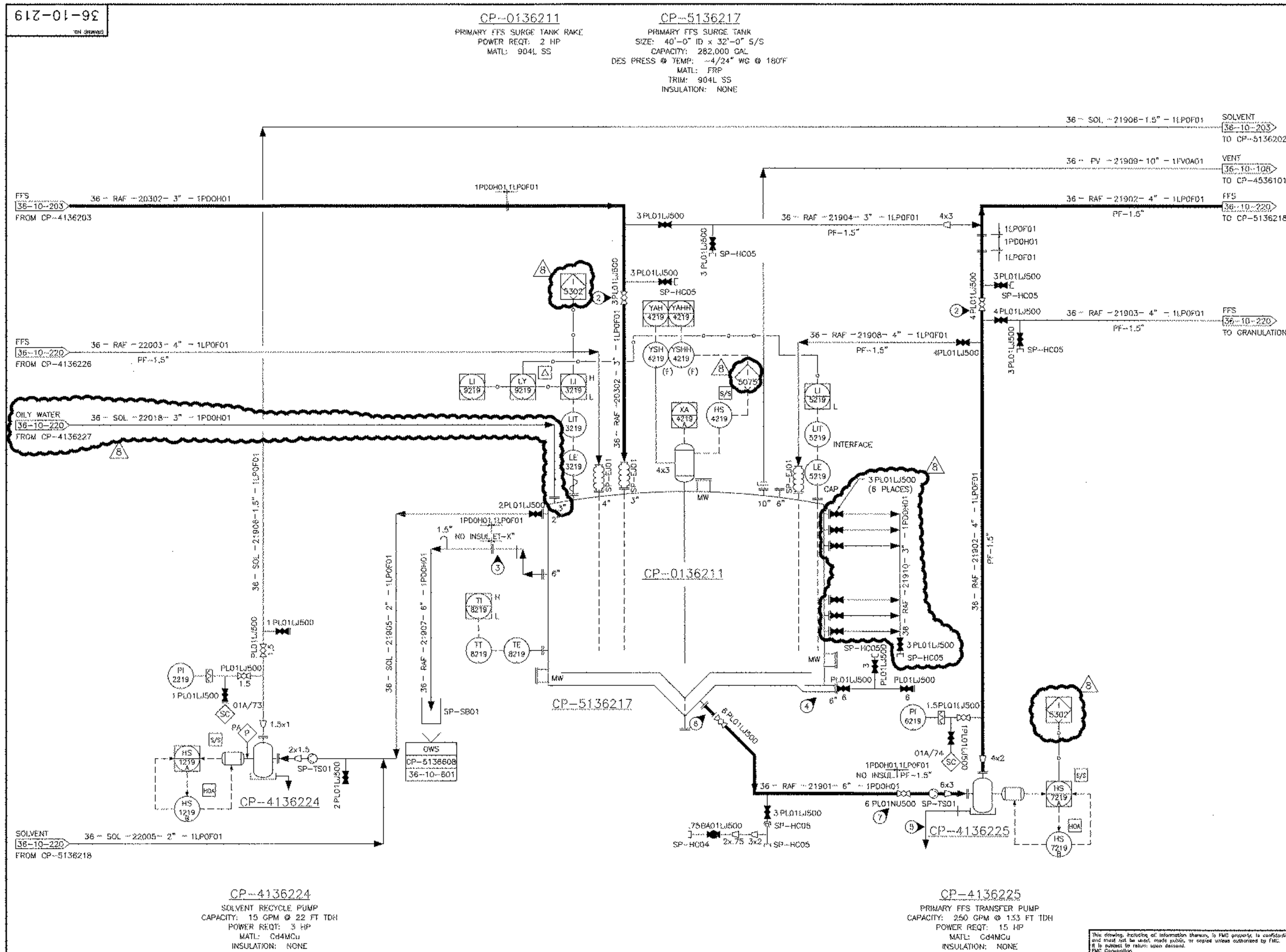
36-10-219
DRAWING NO.



CP-4136224
SOLVENT RECYCLE PUMP
CAPACITY: 15 GPM @ 22 FT TDH
POWER REQT: 3 HP
MATL: Cd4MCu
INSULATION: NONE

CP-4136225
PRIMARY FFS TRANSFER PUMP
CAPACITY: 250 GPM @ 133 FT TDH
POWER REQT: 15 HP
MATL: Cd4MCu
INSULATION: NONE

NOTES:

1. FOR GENERAL NOTES AND SYMBOLS, REFER TO DRAWING NOS. 35-10-098, 35-10-099.
2. LOCATE VALVES AS CLOSE TO TEES AS POSSIBLE.
3. SEAL LOOP TO EXTEND ABOVE OVERFLOW NOZZLE.
4. VESSEL HAS FOUR DRAINS, ONE UNDER EACH MANWAY AND TWO OTHERS 90° OFFSET FROM THE MANWAYS.
5. 1" DRAIN FROM PUMP DRAIN PAN TO SLAB (SPEC. 1S00S02).
6. 1'-0" LONG HDPE SPOOL.
7. FLUOROSEAL ALLOY 20 PLUG VALVE.

INTERLOCKS

- FOR INTERLOCKS, SEE INTLOCK TABLE DWG. 35-10-005

AS BUILT
05/18/03

L#21909

JACOBS ENGINEERING®
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FMC CORPORATION
FES - Princeton, NJ

REV	ZONE	DESCRIPTION	BY	CKD	DATE	APPD	APPD	APPD
8	–	AS BUILT PER ESR 20017 AND GENERAL CLEAN-UP	BT		5/18/03			
7	–	AS BUILT PER ESR 20067	CGH		12/10/02			
6	–	AS BUILT PER SDS 2001 WALK-DOWN	JH		12/10/02			

REV	ZONE	DESCRIPTION	BY	CKD	DATE	APPD	APPD	APPD
5	–	REISSUE FOR DESIGN	RJS		11/22/00			
4	–	REISSUE FOR DESIGN	KP	JWH	8/28/00	JME		LE/ALG
3	–	ISSUE FOR HAZOPS	KP	CGH	5/8/00	JME	WRY	ALG/TCS
2	–	REISSUE FOR DESIGN	BM	CGH	2/7/00	JME	ALG	
1	–	FOR REVIEW	CGH	RIP	10/25/99	JME		
0	–	FOR DESIGN	CGH	RIP	7/29/99			

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APPROVED FOR CONSTRUCTION — SIGNATURE — DATE
APPROVED FOR CONSTRUCTION — SIGNATURE — DATE
APPROVED FOR CONSTRUCTION — SIGNATURE — DATE

PROJ. MGR: J. KORETCHKO
CHECKED:
DISP. (Eng):
DRAWN BY: R. PEDROSO
DATE: 5/5/99
CAD FILE: 3510219_8

FMC PURIFIED PHOSPHORIC ACID PLANT
AT AGRIUM-CONDA PHOSPHATES
PRIMARY FFS SURGE
PIPING & INSTRUMENTATION DIAGRAM

SCALE	ORDER NO.	DRAWING NO.	REV.
NONE	28-T424-10	36-10-219	8