REF. DWG. NO.	TITLE	REV.	REF. DWG. NO.	TITLE	REV.	REVISION	DATE	APPROVAL	DATE	REVISION	DATE	APPROVAL	DATE
					H								
					J								
					K								
					L								
					M								
					N								
					P								

REV.	REVISION	DATE	APPROVAL	DATE
A	REVISED PER SCI AGREEMENT	12/4/90		
B	#211 BITM DECK WAS 0.686mm, DELETED #104 SCREEN	1/3/91		
C	REVISED SILO NOS., THICKENER DIA.	3/19/91		
D	LIQUID QUANTITYS./SUMP FLOWS	5/2/91		
E				
F				
G				

NorWest
Calgary Salt Lake City Cincinnati
RESOURCE CONSULTANTS, INC.

PROJECT	MINE SURFACE FACILITIES
LOCATION	SOLDIER CANYON MINE
CUSTOMER	SOLDIER CREEK COAL COMPANY
TITLE	FLOWSHEET INCORPORATING BAUM JIG PREPARATION PLANT

PROJECT NO.	ISSUED
90-1312	
DESIGNED BY: DFS	DRAWN BY: WS/JM
DATE	DATE
CHECKED BY	APPROVED BY
DATE	DATE
DRAWING NO. 1312-F-001	SCALE NONE
	REV. D

SOLDIER CANYON MINE

Soldier Creek Coal Company

FIGURE 5.26-2

SUBMITTED
MAR 11 1993
MAR 29 1993
DIVISION OF OIL, GAS & MINING

RECEIVED
MAR 29 1993
DIVISION OF OIL, GAS & MINING

CORRECTED EFFECTIVE: DEC - 1 1993

The Refuse Disposal Site and Preparation Plant will not be constructed. Disposal of references made to either on this drawing. Reference to each has been removed from the MARP where possible. Bonding calculations have been adjusted to reflect that the Refuse Disposal Site and Preparation Plant have been eliminated.
January 2004

DIVISION OF OIL, GAS AND MINING

I, being a professional engineer registered in the State of Utah, hereby certify that this map was prepared by me or under my direct supervision and that all information contained herein is true and correct to the best of my knowledge and belief.

Registered Professional Engineer
State of Utah
No. 5223
FRANK J. PALUSO

VOLUME: 1 FILE: XXXX

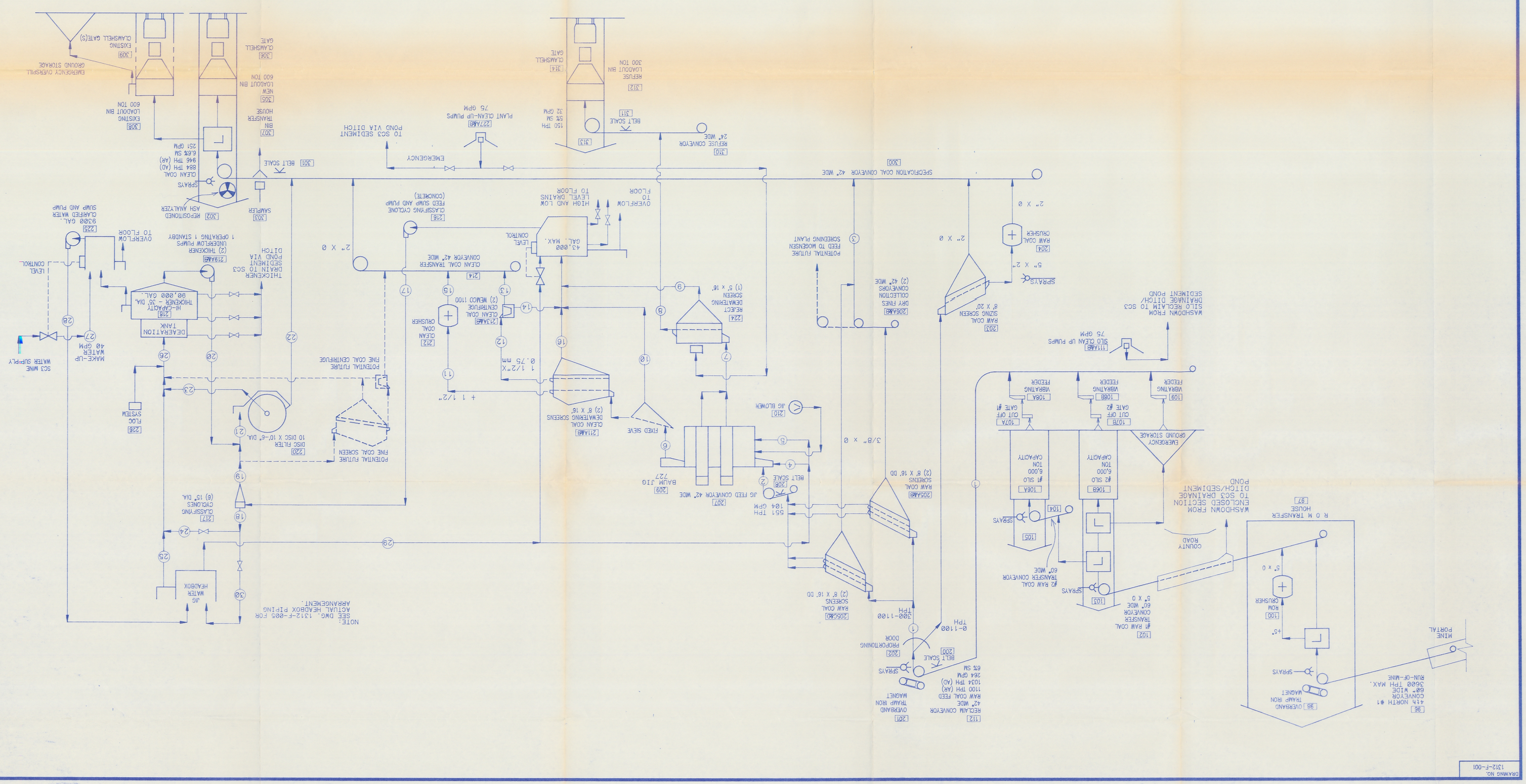
PRODUCT BALANCE TABLE (AIR DRY TONS)

MATERIAL	IN SOLIDS TPH	IN WATER gpm	OUT MATERIAL	OUT SOLIDS TPH	OUT WATER gpm
RAW COAL	1034	264	RAW FINES	483	160
MAKE UP		18	CRUSHED CLEAN	96	10
			CENTRIF. CLEAN	284	54
			RAW FILTER CAKE	21	27
			REFUSE	150	32
TOTAL	1034	282	TOTAL	1034	283

DESIGN BASIS (AIR DRY BASIS)

SIZE FRACTION	ACTUAL TPH	ACTUAL MAX	CARRYOVER TPH	CARRYOVER DESIGN MAX	CC YIELD TPH	CC YIELD DESIGN MAX	RAW FINES TPH	RAW FINES DESIGN MAX	REFUSE TPH	REFUSE DESIGN MAX
5" X 3/8"	465	550	51	47	319	495	0	98		
3/8" X 1/4"	102		16	14			98	1		
1/4" X 28mesh	241						290	4		
28mesh X 0	125		18	19		106		0		
TOTAL	1034		86	100	399	500	484	550	102	226

FLOW	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
MATERIAL	RAW COAL	RAW COAL	RAW COAL	WATER	WATER	CLEAN COAL	REJECT	REJECT	EFFLUENT	WATER	CLEAN COAL	CLEAN COAL	CLEAN COAL	EFFLUENT	CLEAN COAL	CLEAN COAL	CLEAN COAL	CLEAN COAL	CLEAN COAL	RAW COAL	RAW COAL	RAW COAL	EFFLUENT	REC WATER	REC WATER	REC WATER	MAKE UP	CLEAR WATER	EFFLUENT	REC WATER
SIZE	5" X 0	5" X 3/8"	3/8" X 0			5" X 3/8"	5" X 3/8"	5" X 3/8"		+1 1/2"	1 1/2" x 1/2"	1/2" x 28mesh		1 1/2" x 28mesh	1 1/2" x 28mesh	100mesh x 0	1/2mm x 0.25mm	0.25mm x 0.075mm	0.075mm x 0	100mesh x 0	0.25mm x 0	0.075mm x 0		10		10	100mm x 0			10
AVG SOLIDS TPH (AD)	1024	551	483	2	8	409	152	150	2	10	96	285	285	0	96	19	31	20	10	21	21	10		0		0		0	10	10
MAX SOLIDS TPH (AD)	1024	621	545			540	226	226	3	10	143	385	385	0	141	24	37	26	16	32	32					16			13	
AVG SOLIDS TPH (AD)	1024	551	483			409	152	150			96	285	285	0	96	19	31	20	10	21	21					10			10	
SIZE	5" X 0	5" X 3/8"	3/8" X 0			5" X 3/8"	5" X 3/8"	5" X 3/8"		+1 1/2"	1 1/2" x 1/2"	1/2" x 28mesh		1 1/2" x 28mesh	1 1/2" x 28mesh	100mesh x 0	1/2mm x 0.25mm	0.25mm x 0.075mm	0.075mm x 0	100mesh x 0	0.25mm x 0	0.075mm x 0		10		10	100mm x 0			10
MATERIAL	RAW COAL	RAW COAL	RAW COAL	WATER	WATER	CLEAN COAL	REJECT	REJECT	EFFLUENT	WATER	CLEAN COAL	CLEAN COAL	CLEAN COAL	EFFLUENT	CLEAN COAL	CLEAN COAL	CLEAN COAL	CLEAN COAL	CLEAN COAL	RAW COAL	RAW COAL	RAW COAL	EFFLUENT	REC WATER	REC WATER	REC WATER	MAKE UP	CLEAR WATER	EFFLUENT	REC WATER
FLOW	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)



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