

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
** CASH BALANCE, BEGINNING	889	1,033	1,250	1,269	1,249	1,244	5,113	9,157
** CASH PROVIDED BY **								
CASH SALES	37,675	50,233	62,792	62,792	62,792	62,792	62,792	62,792
SALES AMOUNT	( 41,100)	( 54,800)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)
ACCOUNTS RECEIVABLE	( -3,425)	( -4,567)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)
COLLECTION OF RECEIVABLES		3,425	4,567	5,708	5,708	5,708	5,708	5,708
INTEREST ON TEMPORARY INVESTMENT	0	0	182	413	531	729	1,143	1,625
INCREASE..ACCOUNT PAYABLE	577	63	122	0	0	0	0	0
SHORT TERM LOAN	10,405	161	0	0	0	0	0	0
LONG TERM DEBTS	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
CAPITAL STOCK	12,371	12,371	12,371	12,371	12,371	12,371	12,371	12,371
DEPRECIATION & AMORTIZATION								
(TOTAL)	61,229	66,455	80,234	81,485	81,602	81,801	82,215	82,696

\*\* CASH APPLIED TO \*\*

COST OF GOODS SOLD	38,690	46,965	54,464	54,224	54,210	54,210	54,209	54,209
SELLING, GEN. & ADM.	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
INCOME TAX		0	0	0	0	0	1,797	2,433
PAYMENT OF TAX PAYABLE	0	0	0	0	0	0	0	0
REPAYMENT OF DEBTS	5,835	5,835	11,898	14,194	15,547	13,199	12,812	12,812
SUPPLIER'S CREDIT	( 5,835)	( 5,835)	( 5,835)	( 5,835)	( 5,835)	( 5,835)	( 5,835)	( 5,835)
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 6,978)	( 6,978)	( 6,978)	( 6,978)
SHORT TERM LOAN	( 0)	( 0)	( 6,063)	( 1,381)	( 2,735)	( 387)	( 0)	( 0)
INTEREST	9,674	9,762	9,100	8,054	6,818	5,501	4,324	3,171
SUPPLIER'S CREDIT	( 5,120)	( 4,595)	( 4,070)	( 3,545)	( 3,019)	( 2,494)	( 1,969)	( 1,444)
U.S. DOLLAR LOAN	( 4,396)	( 4,396)	( 4,396)	( 4,239)	( 3,611)	( 2,983)	( 2,355)	( 1,727)
SHORT TERM LOAN	( 158)	( 171)	( 634)	( 270)	( 187)	( 25)	( 0)	( 0)
INCREASE..FIXED ASSET	0	0	0	0	0	0	0	0
INCREASE..INVENTORIES	3,869	-547	-255	-14	-1	0	0	0
(TOTAL)	61,084	66,238	80,235	81,485	81,602	77,937	78,170	77,653

\*\* NET CASH INCREASE/DECREASE

144 217 -1 0 0 3,864 4,044 5,043

\*\* CASH BALANCE, END

1,033 1,250 1,249 1,249 5,113 9,157 14,200

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	9	10	TOTAL
** CASH BALANCE, BEGINNING	14,200	20,343	889
** CASH PROVIDED BY **			
CASH SALES	62,792	62,792	590,242
SALES AMOUNT	( 88,500)	( 68,500)	(643,900)
ACCOUNTS RECEIVABLE	( 5,708)	( 5,708)	(-53,658)
COLLECTION OF RECEIVABLES	5,708	5,708	47,950
INTEREST ON TEMPORARY INVESTMENT	2,225	2,955	9,804
INCREASE..ACCOUNT PAYABLE	0	0	762
SHORT TERM LOAN	0	0	10,567
LONG TERM DEBTS	( )	( )	( )
SUPPLIER S CREDIT	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )
CAPITAL STOCK	0	0	0
DEPRECIATION & AMORTIZATION	12,571	12,571	125,715
(TOTAL)	83,297	84,027	785,040
** CASH APPLIED TO **			
COST OF GOODS SOLD	54,209	54,209	519,601
SELLING, GEN. & ADM.	5,028	5,028	47,261
INCOME TAX	3,087	3,788	11,104
PAYMENT OF TAX PAYABLE	0	0	0
REPAYMENT OF DEBTS	12,812	12,812	117,757
SUPPLIER S CREDIT	( 5,835)	( 5,835)	( 58,347)
U.S. DOLLAR LOAN	( 6,978)	( 6,978)	( 48,844)
SHORT TERM LOAN	( )	( )	( 10,567)
INTEREST	2,018	865	59,286
SUPPLIER S CREDIT	( 919)	( 394)	( 27,569)
U.S. DOLLAR LOAN	( 1,090)	( 471)	( 29,673)
SHORT TERM LOAN	( )	( )	( 2,044)
INCREASE..FIXED ASSET	0	0	0
INCREASE..INVENTORIES	0	0	3,253
(TOTAL)	77,154	76,703	758,262
** NET CASH INCREASE/DFCREASE	6,143	7,324	26,778
** CASH BALANCE, END	20,343	27,667	27,667

.. PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
SALES AMOUNT	41,100	54,800	68,500	68,500	68,500	68,500	68,500	68,500
VOLUME (1000 TON)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
AVERAGE OF UNIT PRICE (\$/TON)	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
COST OF GOODS SOLD	38,690	46,965	54,464	54,224	54,210	54,210	54,209	54,209
SELLING, GEN. & ADM. ADMINISTRATIVE	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
VALUE ADDED TAX	1,175	1,566	1,958	1,958	1,958	1,958	1,958	1,958
MINPECO COMMISSION	822	1,096	1,370	1,370	1,370	1,370	1,370	1,370
SHIPPING COST	822	1,096	1,370	1,370	1,370	1,370	1,370	1,370
	198	264	330	330	330	330	330	330
INCOME FROM OPERATION	-607	3,812	9,008	9,248	9,262	9,263	9,263	9,263
INTEREST	9,674	9,762	9,100	8,054	6,818	5,501	4,324	3,171
SUPPLIER'S CREDIT	( 5,120)	( 4,595)	( 4,070)	( 3,545)	( 3,019)	( 2,494)	( 1,969)	( 1,444)
U.S. DOLLAR LOAN	( 4,396)	( 4,396)	( 4,396)	( 4,239)	( 3,811)	( 2,983)	( 2,355)	( 1,727)
SHORT TERM LOAN	( 158)	( 771)	( 634)	( 270)	( 187)	( 23)	( 0)	( 0)
INTEREST ON TEMPORARY INVESTMENT	0	0	182	413	531	729	1,143	1,625
NET INCOME BEFORE TAX	-10,281	-5,950	91	1,608	2,975	4,492	6,082	7,717
(PRE-YEAR LOSS CARRY OVER) (TAXABLE INCOME)	( 0)	( 10,281)	( 16,230)	( 16,140)	( 5,950)	( 0)	( 0)	( 0)
INCOME TAX	0	0	0	0	0	4,492	6,082	7,717
NET INCOME AFTER TAX	-10,281	-5,950	91	1,608	2,975	2,695	3,649	4,630
RETAINED EARNINGS	-10,281	-16,230	-16,140	-14,532	-11,557	-8,862	-5,213	-583

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	9	10	TOTAL
SALES AMOUNT	64,500	68,500	643,900
VOLUME (1000 TON)	2,500	2,500	23,500
AVERAGE OF UNIT PRICE (\$/TON)	27,40	27,40	27,40
COST OF GOODS SOLD	54,209	56,209	519,601
SELLING, GEN. & ADM. ADMINISTRATIVE	5,028	5,028	47,261
VALUE ADDED TAX	1,958	1,958	18,405
MINPECO COMMISSION	1,370	1,370	12,878
SHIPPING COST	1,370	1,370	12,878
	330	330	3,100
INCOME FROM OPERATION	9,263	9,263	77,038
INTEREST	2,018	865	59,286
SUPPLIER'S CREDIT	( 919)	( 394)	(27,569)
U.S. DOLLAR LOAN	( 1,099)	( 471)	(29,673)
SHORT TERM LOAN	( 0)	( 0)	( 2,044)
INTEREST ON TEMPORARY INVESTMENT	2,225	2,955	9,804
NET INCOME BEFORE TAX	9,470	11,353	27,556
(PRE-YEAR LOSS CARRY OVER)	( 0)	( 0)	( 0)
(TAXABLE INCOME)	( 9,470)	(11,353)	( 0)
INCOME TAX	3,788	4,541	15,645
NET INCOME AFTER TAX	5,682	6,812	11,911
RETAINED EARNINGS	5,099	11,911	11,911

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
** ASSETS **						
CURRENT ASSETS	490	217	692	162	462	2,732
CASH ON HAND AND DEPOSIT	490	217	692	162	462	889
TEMPORARY INVESTMENT	0	0	0	0	0	0
ACCOUNTS RECEIVABLE						3,425
INVENTORIES						5,712
FINISHED PRODUCTS	( )	( )	( )	( )	( )	1,843
MATERIALS	( )	( )	( )	( )	( )	( 3,522 )
						( 1,843 )
						( 1,843 )
FIXED ASSETS	9,330	9,592	20,272	79,641	120,931	138,340
BUILDING AND STRUCTURE						19,667
MACHINERY AND EQUIPMENT						106,196
CONSTRUCTION IN PROGRESS	9,330	9,592	20,272	79,641	120,931	0
DEFERRED ASSETS	15	30	85	141	256	938
(TOTAL ASSETS)	9,835	9,839	21,049	79,944	121,649	142,010
** LIABILITIES **						
CURRENT LIABILITIES	0	0	0	0	0	0
ACCOUNT PAYABLE						577
SHORT TERM LOAN						10,405
INCOME TAX PAYABLE						0
IMPORT TAX PAYABLE						101,356
LONG TERM DEBTS	5,835	5,839	9,049	45,444	87,149	107,191
SUPPLIER'S CREDIT	5,835	5,835	9,044	42,885	58,347	58,347
U.S. DOLLAR LOAN		4	5	2,559	28,802	48,844
(TOTAL LIABILITIES)	5,835	5,839	9,049	45,444	87,149	107,191
** EQUITY **						
CAPITAL STOCK	4,000	4,000	12,000	34,500	34,500	34,820
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0
RETAINED EARNINGS						-10,281
(TOTAL EQUITY)	4,000	4,000	12,000	34,500	34,500	24,539
(TOTAL LIABILITIES AND EQUITY)	9,835	9,839	21,049	79,944	121,649	142,010
						136,877
						125,318

\*\*\* HIEMO-PERU SINTER PROJECT F/S \*\*\*

\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	3	4	5	6	7	8	9	10
<b>** ASSETS **</b>								
<b>CURRENT ASSETS</b>	12,068	12,054	12,053	15,917	19,961	25,004	31,147	38,471
CASH ON HAND AND DEPOSIT	1,249	1,249	1,249	1,249	1,249	1,249	1,249	1,249
TEMPORARY INVESTMENT	0	0	0	3,864	7,908	12,951	19,094	26,418
ACCOUNTS RECEIVABLE	5,708	5,708	5,708	5,708	5,708	5,708	5,708	5,708
INVENTORIES	5,111	5,096	5,096	5,096	5,096	5,096	5,096	5,096
FINISHED PRODUCTS	( 3,268 )	( 3,253 )	( 3,253 )	( 3,253 )	( 3,253 )	( 3,253 )	( 3,253 )	( 3,253 )
MATERIALS	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )
<b>FIXED ASSETS</b>	100,907	88,430	75,952	63,474	50,997	38,519	26,041	13,564
BUILDING AND STRUCTURE	18,311	17,633	16,954	16,276	15,598	14,920	14,242	13,563
MACHINERY AND EQUIPMENT	82,597	70,797	58,998	47,196	35,399	23,599	11,800	0
CONSTRUCTION IN PROGRESS	0	0	0	0	0	0	0	0
<b>DEFERRED ASSETS</b>	657	563	469	375	281	188	94	0
<b>(TOTAL ASSETS)</b>	113,632	101,046	88,474	79,766	71,239	63,711	57,282	52,034
<b>** LIABILITIES **</b>								
<b>CURRENT LIABILITIES</b>	5,266	3,884	1,149	2,559	3,195	3,849	4,551	5,304
ACCOUNT PAYABLE	762	762	762	762	762	762	762	762
SHORT TERM LOAN	4,503	3,122	387	0	0	0	0	0
INCOME TAX PAYABLE	0	0	0	1,797	2,433	3,087	3,788	4,541
<b>IMPORT TAX PAYABLE</b>	89,687	76,874	64,062	51,250	38,437	25,625	12,812	0
<b>LONG TERM DEBTS</b>	40,843	35,008	29,174	23,339	17,504	11,669	5,835	0
SUPPLIER'S CREDIT	48,844	41,866	34,888	27,911	20,933	13,955	6,978	0
U.S. DOLLAR LOAN	94,952	80,759	65,211	53,809	41,632	29,474	17,363	5,304
<b>(TOTAL LIABILITIES)</b>	113,632	101,046	88,474	79,766	71,239	63,711	57,282	52,034
<b>** EQUITY **</b>								
CAPITAL STOCK	34,820	34,820	34,820	34,820	34,820	34,820	34,820	34,820
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0	0
RETAINED EARNINGS	-16,140	-14,532	-11,557	-8,862	-5,213	-583	5,099	11,911
<b>(TOTAL EQUITY)</b>	18,680	20,288	23,263	25,958	29,607	34,237	39,919	46,731
<b>(TOTAL LIABILITIES AND EQUITY)</b>	113,632	101,046	88,474	79,766	71,239	63,711	57,282	52,034

\*\*\* CASH PROVIDED \*\*

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
CAPITAL STOCK (A)	4,000	0	8,000	22,500	0	520
LONG TERM DEBTS (B)	5,835	(0)	3,209	36,396	41,705	20,041
SUPPLIER'S CREDIT	(5,835)	(0)	(3,209)	(33,841)	(15,462)	(0)
U.S. DOLLAR LOAN	(0)	(4)	(0)	(2,555)	(26,743)	(20,041)
(TOTAL)	9,835	(4)	11,209	58,896	41,705	20,361

\*\*\* CASH GENERATED \*\*

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
NET INCOME (C)						
DEPRECIATION AND AMOTIZATION (D)						
INTEREST OF LONG TERM DEBTS (E)	( )	( )	( )	( )	( )	( )
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )
(TOTAL)	0	0	0	0	0	0
REPAYMENT OF LONG TERM DEBTS (F)	(0)	(0)	(0)	(0)	(0)	(0)
SUPPLIER'S CREDIT	(0)	(0)	(0)	(0)	(0)	(0)
U.S. DOLLAR LOAN	(0)	(0)	(0)	(0)	(0)	(0)

\*\*\* RETURN ON INVESTMENT \*\*

NET BALANCE (C+D+E)-(A)	-4,000	-4,000	-8,000	-22,500	0	-320
CUMULATIVE	-4,000	-4,000	-12,000	-34,500	-34,500	-34,820
DISCOUNT RATE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000
PRESENT VALUE	-4,000	0	-8,000	-22,500	0	-320

\*\*\* RETURN ON INVESTMENT AND LOAN \*\*

NET BALANCE (C+D+E)-(A+R)	-9,835	-4	-11,209	-58,896	-41,705	-20,361
CUMULATIVE	-9,835	-9,839	-21,049	-79,944	-121,649	-162,010
DISCOUNT RATE	1,00000	,97472	,95007	,92605	,90264	,87982
PRESENT VALUE	-9,835	-4	-10,650	-54,540	-37,645	-17,914

\*\* CASH PROVIDED \*\*

	3	4	5	6	7	8	9	10
CAPITAL STOCK (A)	0	0	0	0	0	0	0	0
LONG TERM DEBTS (B)	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT (C)	0	0	0	0	0	0	0	0
U.S. DOLLAR LOAN (D)	0	0	0	0	0	0	0	0
(TOTAL)	0	0	0	0	0	0	0	0

\*\* CASH GENERATED \*\*

	3	4	5	6	7	8	9	10
NET INCOME (E)	91	1,608	2,975	2,695	3,649	4,630	5,682	6,812
DEPRECIATION AND AMORTIZATION (F)	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571
INTEREST OF LONG TERM DEBTS (G)	8,466	7,784	6,630	5,477	4,326	3,171	2,016	865
SUPPLIER'S CREDIT (H)	(4,070)	(3,545)	(3,019)	(2,494)	(1,969)	(1,444)	(919)	(394)
U.S. DOLLAR LOAN (I)	(4,396)	(4,239)	(3,611)	(2,983)	(2,355)	(1,727)	(1,099)	(471)
(TOTAL)	21,128	21,963	22,177	20,744	20,545	20,373	20,272	20,246
REPAYMENT OF LONG TERM DEBTS (J)	5,835	12,812	12,812	12,812	12,812	12,812	12,812	12,812
SUPPLIER'S CREDIT (K)	(5,835)	(5,835)	(5,835)	(5,835)	(5,835)	(5,835)	(5,835)	(5,835)
U.S. DOLLAR LOAN (L)	0	(6,978)	(6,978)	(6,978)	(6,978)	(6,978)	(6,978)	(6,978)

\*\* RETURN ON INVESTMENT \*\*

NET BALANCE (C+D-F)-(A)	6,827	1,367	2,734	2,454	3,408	4,389	5,441	6,571
CUMULATIVE	-30,749	-29,382	-26,648	-24,194	-20,786	-16,397	-10,955	-4,386
DISCOUNT RATE	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
PRESENT VALUE	6,827	1,367	2,734	2,454	3,408	4,389	5,441	6,571

\*\* RETURN ON INVESTMENT AND LOAN \*\*

NET BALANCE (C+D+E)-(A+B)	21,128	21,963	22,177	20,744	20,545	20,373	20,272	20,246
CUMULATIVE	-93,463	-71,501	-49,324	-26,580	-8,035	12,337	32,609	52,857
DISCOUNT RATE	.76423	.72607	.68982	.65538	.62266	.59157	.56203	.53397
PRESENT VALUE	16,146	15,947	15,298	13,595	12,792	12,052	11,393	10,812



\*\*\* HIERRO-PERU SINTER PROJECT F/S \*\*\*

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

(UNIT: \$1000)

	1	2	3	4	5	6	7	8
(PRODUCTION VOLUME :1000 TON)	1,650	2,000	2,500	2,500	2,500	2,500	2,500	2,500
RAW MATERIALS	19,914	23,118	28,895	28,895	28,895	28,895	28,895	28,895
OPERATING COST	22,645	23,501	25,314	25,314	25,314	25,314	25,314	25,314
MAN POWER	767	767	767	767	767	767	767	767
MAINTENANCE MATERIAL	2,911	2,911	2,911	2,911	2,911	2,911	2,911	2,911
UTILITY	3,846	4,161	5,202	5,202	5,202	5,202	5,202	5,202
FACTORY OVERHEAD	2,550	3,090	3,863	3,863	3,863	3,863	3,863	3,863
DEPRECIATION	12,478	17,478	12,478	12,478	12,478	12,478	12,478	12,478
AMORTIZATION	94	94	94	94	94	94	94	94
COST OF GOODS MANUFACTURED	47,559	46,619	54,209	54,209	54,209	54,209	54,209	54,209
INVENTORY								
BEGINNING	3,869	3,869	3,522	3,268	3,253	3,253	3,253	3,253
END		3,522	3,268	3,253	3,253	3,253	3,253	3,253
COST OF GOODS SOLD	38,690	46,965	54,464	54,224	54,210	54,210	54,209	54,209

\*\*\* HIERRO-PERU SINTEP PROJECT F/S \*\*\*

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

(UNIT: \$1000)

	9	10	TOTAL
(PRODUCTION VOLUME :1000 TON)	2,500	2,500	23,650
RAW MATERIALS	28,895	28,895	274,192
OPERATING COST	25,314	25,314	248,662
MAN POWER	767	767	7,670
MAINTENANCE MATERIAL	2,911	2,911	29,110
UTILITY OVERHEAD	5,202	5,202	49,623
DEPRECIATION	3,863	3,863	36,544
AMORTIZATION	12,478	12,478	124,777
	94	94	938
COST OF GOODS MANUFACTURED	54,209	54,209	522,854
INVENTORY			
BEGINNING	3,253	3,253	30,176
END	3,253	3,253	33,428
COST OF GOODS SOLD	54,209	54,209	519,601

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      80-05-2R
.....
      MIERRO-PPPU SINTER PROJECT
      SENSITIVITY ANALYSIS CASE (2)
      CONSTRUCTION COST 10% DOWN
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\*\*\* HIERRO-PERU SINTER PROJECT F/S \*\*\*

\*\* PROJECTED CASH FLOW STATEMENTS (CONSTRUCTION) \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR		TOTAL
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
	0	626	396	729	519	669	
** CASH BALANCE, BEGINNING	0	626	396	729	519	669	0
** CASH PROVIDED BY **							
CAPITAL STOCK	3,500	0	6,500	18,500	0	36	28,536
LONG TERM DEBTS	4,774	0	2,625	24,924	34,053	16,963	88,340
SUPPLIER'S CREDIT	4,774	0	2,625	27,688	12,651	0	47,738
U.S. DOLLAR LOAN	0	0	0	2,236	21,402	16,963	40,602
TAX PAYABLE	0	0	0	0	0	0	0
INTEREST ON TEMPORARY INVESTMENT	0	0	0	0	0	0	0
(TOTAL)	8,274	0	9,125	48,424	34,053	16,999	116,876

\*\* CASH APPLIED TO \*\*

FIXED ASSETS ACQUISITION COST	7,526	0	8,464	47,594	31,396	10,739	105,718
BUILDING AND STRUCTURE	590	0	4,650	6,323	3,608	285	15,456
MACHINERY AND EQUIPMENT	6,936	0	3,814	41,271	27,788	10,454	90,262
INTEREST DURING CONSTRUCTION	107	215	274	984	2,392	3,515	7,488
SUPPLIER'S CREDIT	107	215	274	956	1,864	2,148	5,564
U.S. DOLLAR LOAN	0	0	0	28	528	1,367	1,924
PRE-OPERATIONAL EXPENSES	15	15	55	56	115	682	936
INVENTORY BUILDUP	0	0	0	0	0	1,843	1,843
(TOTAL)	7,648	230	8,793	48,634	33,903	16,779	115,987
** NET CASH INCREASE/DECREASE	626	-230	333	-210	150	220	889
** CASH BALANCE, END	626	396	729	519	669	889	889

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
** CASH BALANCE, BEGINNING	889	1,033	1,250	5,942	12,135	18,784	25,034	32,321
** CASH PROVIDED BY **								
CASH SALES	37,675	50,233	62,792	62,792	62,792	62,792	62,792	62,792
SALES AMOUNT	( 41,108)	( 54,800)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)
ACCOUNTS RECEIVABLE	( -3,425)	( -4,567)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)
COLLECTION OF RECEIVABLES	3,425	4,567	5,708	5,708	5,708	5,708	5,708	5,708
INVESTMENT ON TEMPORARY INVESTMENT	0	102	611	1,356	2,056	2,760	3,494	4,261
INCREASE IN ACCOUNT PAYABLE	577	63	122	0	0	0	0	0
SHORT TERM LOAN	7,589	0	0	0	0	0	0	0
LONG TERM DEBTS	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )	( )	( )
CAPITAL STOCK	10,304	10,304	10,304	10,304	10,304	10,304	10,304	10,304
DEPRECIATION & AMORTIZATION	56,145	64,128	78,396	80,161	80,861	81,564	82,303	83,165
(TOTAL)								

\*\* CASH APPLIED TO \*\*

COST OF GOODS SOLD	34,629	44,665	52,163	51,955	51,943	51,943	51,942	51,942
SELLING, GEN. & ADM. INCOME TAX	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
PAYMENT OF TAX PAYABLE	0	0	0	0	0	0	0	0
REPAYMENT OF DEBTS	4,774	7,668	9,468	10,574	10,574	10,574	10,574	10,574
SUPPLIER'S CREDIT	( 4,774)	( 4,774)	( 4,774)	( 4,774)	( 4,774)	( 4,774)	( 4,774)	( 4,774)
U.S. DOLLAR LOAN	( )	( )	( )	( 5,800)	( 5,800)	( 5,800)	( 5,800)	( 5,800)
SHORT TERM LOAN	( )	( 2,894)	( 4,494)	( )	( )	( )	( )	( )
INTEREST	7,919	7,869	7,266	6,424	5,472	4,520	3,569	2,617
SUPPLIER'S CREDIT	( 4,989)	( 3,759)	( 3,330)	( 2,900)	( 2,470)	( 2,041)	( 1,611)	( 1,182)
U.S. DOLLAR LOAN	( 3,654)	( 3,654)	( 3,654)	( 3,524)	( 3,007)	( 2,480)	( 1,958)	( 1,436)
SHORT TERM LOAN	( )	( 455)	( )	( )	( )	( )	( )	( )
INCREASE IN FIXED ASSET INVENTORIES	3,663	-313	-220	-12	-1	0	0	0
(TOTAL)	56,001	63,911	73,704	73,968	74,211	75,310	75,021	74,745
** NET CASH INCREASE/DECREASE	144	217	4,692	6,193	6,650	6,254	7,283	8,420
** CASH BALANCE, END	1,033	1,250	5,942	12,135	18,784	25,039	32,321	40,741

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	9	10	TOTAL
** CASH BALANCE, BEGINNING	40,741	50,583	889
** CASH PROVIDED BY **			
CASH SALES	62,792	62,792	590,242
SALES AMOUNT	( 68,500 )	( 68,500 )	( 643,900 )
ACCOUNTS RECEIVABLE	( -5,708 )	( -5,708 )	( -33,658 )
COLLECTION OF RECEIVABLES	5,708	5,708	47,950
INTEREST ON TEMPORARY INVESTMENT	5,356	6,495	26,596
INCREASE..ACCOUNT PAYABLE	0	0	762
SHORT TERM LOAN	0	0	7,589
LONG TERM DEBTS	( 0 )	( 0 )	0
SUPPLIER S CREDIT	( 0 )	( 0 )	( 0 )
U.S. DOLLAR LOAN	0	0	( 0 )
CAPITAL STOCK	10,304	10,304	103,045
DEPRECIATION & AMORTIZATION	84,161	85,299	776,184
(TOTAL)			

** CASH APPLIED TO **			
COST OF GOODS SOLD	51,942	51,942	497,067
SELLING, GEN. & ADM.	5,028	5,028	47,261
INCOME TAX	5,309	6,088	24,329
PAYMENT OF TAX PAYABLE	0	0	
REPAYMENT OF DEBTS	10,574	10,574	95,929
SUPPLIER S CREDIT	( 4,774 )	( 4,774 )	( 47,738 )
U.S. DOLLAR LOAN	( 5,800 )	( 5,800 )	( 40,607 )
SHORT TERM LOAN	( 0 )	( 0 )	( 7,589 )
INTEREST	1,665	714	48,034
SUPPLIER S CREDIT	( 752 )	( 322 )	( 22,556 )
U.S. DOLLAR LOAN	( 914 )	( 592 )	( 24,666 )
SHORT TERM LOAN	( 0 )	( 0 )	( 812 )
INCREASE..FIXED ASSET	0	0	0
INCREASE..INVENTORIES	0	0	3,117
(TOTAL)	74,519	74,346	715,737

** NET CASH INCREASE/DECREASE	9,642	10,953	60,447
** CASH BALANCE, END	50,383	61,336	61,336

	1	2	3	4	5	6	7	8
** PROJECTED INCOME STATEMENTS ** (UNIT: \$1000)								
SALES AMOUNT	41,100	54,800	68,500	68,500	68,500	68,500	68,500	68,500
VOLUME (1000 TON)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
AVERAGE OF UNIT PRICE (\$/TON)	27.40	27.40	27.40	27.40	27.40	27.40	27.40	27.40
COST OF GOODS SOLD	36,629	44,665	52,163	51,955	51,943	51,945	51,942	51,942
SELLING, GEN. & ADM. ADMINISTRATIVE	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
VALUE ADDED TAX	1,175	1,566	1,958	1,958	1,958	1,958	1,958	1,958
MIRPECO COMMISSION	822	1,096	1,370	1,370	1,370	1,370	1,370	1,370
SHIPPING COST	198	264	330	330	330	330	330	330
INCOME FROM OPERATION	1,454	6,113	11,310	11,517	11,529	11,530	11,530	11,530
INTEREST	7,919	7,869	7,266	6,424	5,472	4,570	3,569	2,617
SUPPLIER'S CREDIT	(4,189)	(3,759)	(3,330)	(2,900)	(2,470)	(2,041)	(1,611)	(1,182)
U.S. DOLLAR LOAN	(3,654)	(3,654)	(3,654)	(3,524)	(3,002)	(2,480)	(1,958)	(1,436)
SHORT TERM LOAN	(76)	(455)	(282)	(0)	(0)	(0)	(0)	(0)
INTEREST ON TEMPORARY INVESTMENT	0	102	611	1,356	2,056	2,760	3,499	4,361
NET INCOME BEFORE TAX	-6,464	-1,654	4,655	6,450	8,113	9,769	11,460	13,274
(PRE-YEAR LOSS CARRY OVER) (TAXABLE INCOME)	(0)	(6,464)	(8,118)	(3,463)	(0)	(0)	(0)	(0)
INCOME TAX	0	0	0	(2,987)	(8,113)	(9,769)	(11,460)	(13,274)
NET INCOME AFTER TAX	-6,464	-1,654	4,655	5,255	4,868	5,861	6,876	7,964
RETAINED EARNINGS	-6,464	-8,118	-3,463	1,792	6,660	12,521	19,397	27,361

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	9	10	TOTAL
SALES AMOUNT	68,500	68,500	643,900
VOLUME (1000 TON)	2,500	2,500	23,500
AVERAGE OF UNIT PRICE (\$/TON)	27.40	27.40	27.40
COST OF GOODS SOLD	51,942	51,942	497,067
SELLING, GEN. & ADM.	5,028	5,028	47,261
ADMINISTRATIVE	1,958	1,958	18,405
VALUE ADDED TAX	1,370	1,370	12,878
MINPECO COMMISSION	1,370	1,370	12,878
SHIPPING COST	330	330	3,100
INCOME FROM OPERATION	11,530	11,530	99,572
INTEREST	1,665	714	48,034
SUPPLIER'S CREDIT	( 752)	( 322)	(22,556)
U.S. DOLLAR LOAN	( 914)	( 392)	(24,666)
SHORT TERM LOAN	( 0)	( 0)	( 812)
INTEREST ON TEMPORARY INVESTMENT	5,356	6,495	26,596
NET INCOME BEFORE TAX	15,221	17,311	78,134
(PRE-YEAR LOSS CARRY OVER)	( 0)	( 0)	( 0)
(TAXABLE INCOME)	(15,221)	(17,311)	( 0)
INCOME TAX	6,088	6,924	31,254
NET INCOME AFTER TAX	9,132	10,387	46,880
RETAINED EARNINGS	36,494	46,880	46,880



\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
** ASSETS **						
CURRENT ASSETS						
CASH ON HAND AND DEPOSIT	626	596	729	514	669	11,010
TEMPORARY INVESTMENT	0	0	0	0	0	1,250
ACCOUNTS RECEIVABLE	0	0	0	0	0	0
INVENTORIES						4,567
FINISHED PRODUCTS	( )	( )	( )	( )	( )	5,193
MATERIALS	( )	( )	( )	( )	( )	( 3,350 )
						( 1,843 )
FIXED ASSETS	7,633	7,848	16,586	65,164	98,952	102,995
BUILDING AND STRUCTURE						16,094
MACHINERY AND EQUIPMENT						66,901
CONSTRUCTION IN PROGRESS	7,633	7,848	16,586	65,164	98,952	0
DEFERRED ASSETS	15	30	85	141	256	750
(TOTAL ASSETS)	8,274	8,274	17,400	65,824	99,877	113,804
** LIABILITIES **						
CURRENT LIABILITIES	0	0	0	0	0	5,335
ACCOUNT PAYABLE						577
SHORT TERM LOAN						7,589
INCOME TAX PAYABLE						0
IMPORT TAX PAYABLE						83,566
LONG TERM DEBTS	4,774	4,774	7,400	37,324	71,377	78,792
SUPPLIER'S CREDIT	4,774	4,774	7,399	35,087	47,738	42,964
U.S. DOLLAR LOAN	0	0	1	2,237	23,639	40,602
(TOTAL LIABILITIES)	4,774	4,774	7,400	37,324	71,377	84,127
** EQUITY **						
CAPITAL STOCK	3,500	3,500	10,000	28,500	28,500	28,536
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0
RETAINED EARNINGS	3,500	3,500	10,000	28,500	28,500	-8,118
(TOTAL EQUITY)	8,274	8,274	17,400	65,824	99,877	20,418
(TOTAL LIABILITIES AND EQUITY)	8,274	8,274	17,400	65,824	99,877	113,804
						104,545

\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	3	4	5	6	7	8	9	10
** ASSETS **								
CURRENT ASSETS	16,623	22,804	29,452	35,706	42,989	51,404	61,051	72,004
CASH ON HAND AND DEPOSIT	1,249	1,249	1,249	1,249	1,249	1,249	1,249	1,249
TEMPORARY INVESTMENT	4,693	10,886	17,535	23,789	31,072	39,492	49,134	60,087
ACCOUNTS RECEIVABLE	5,708	5,708	5,708	5,708	5,708	5,708	5,708	5,708
INVENTORIES	4,973	4,960	4,960	4,960	4,960	4,960	4,960	4,960
FINISHED PRODUCTS	( 3,130)	( 3,117)	( 3,117)	( 3,117)	( 3,117)	( 3,117)	( 3,117)	( 3,117)
MATERIALS	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)
FIXED ASSETS	82,574	72,563	62,153	51,942	41,731	31,521	21,310	11,099
BUILDING AND STRUCTURE	14,984	14,429	13,874	13,319	12,764	12,209	11,654	11,099
MACHINERY AND EQUIPMENT	67,590	57,934	48,279	38,623	28,967	19,311	9,656	0
CONSTRUCTION IN PROGRESS	0	0	0	0	0	0	0	0
DEFERRED ASSETS	657	563	469	375	281	188	94	0
(TOTAL ASSETS)	99,854	95,730	92,074	88,024	85,002	83,117	82,454	83,103
** LIABILITIES **								
CURRENT LIABILITIES	762	1,957	4,008	4,670	5,346	6,072	6,851	7,687
ACCOUNT PAYABLE	762	762	762	762	762	762	762	762
SHORT TERM LOAN	0	0	0	0	0	0	0	0
INCOME TAX PAYABLE	0	1,195	3,245	3,908	4,584	5,309	6,088	6,924
IMPORT TAX PAYABLE								
LONG TERM DEBTS	74,019	63,444	52,870	42,296	31,722	21,148	10,574	0
SUPPLIER'S CREDIT	33,417	28,643	23,869	19,095	14,321	9,548	4,774	0
U.S. DOLLAR LOAN	40,602	34,802	29,001	23,201	17,401	11,601	5,800	0
(TOTAL LIABILITIES)	74,781	65,402	56,878	46,966	37,069	27,220	17,425	7,687
** EQUITY **								
CAPITAL STOCK	28,536	28,536	28,536	28,536	28,536	28,536	28,536	28,536
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0	0
RETAINED EARNINGS	-3,463	1,792	6,660	12,521	19,397	27,361	36,494	46,880
(TOTAL EQUITY)	25,073	30,328	35,196	41,057	47,933	55,897	65,030	75,416
(TOTAL LIABILITIES AND EQUITY)	99,854	95,730	92,074	88,024	85,002	83,117	82,454	83,103

INTERPOL RATE OF RETURN CALCULATION \*\* (UNIT: \$1000) ROE= 11.22% ROI= 8.97%

	-3RD YEAR		-2ND YEAR		-1ST YEAR		1	2
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF		
	3,500	0	6,500	18,500	0	36		
CAPITAL STOCK (A)	3,500	0	6,500	18,500	0	36	0	0
LONG TERM DEBTS (R)	4,774	0	2,625	29,924	34,053	16,963	0	0
SUPPLIER'S CREDIT	(4,774)	(0)	(2,625)	(27,686)	(12,651)	(0)	(0)	(0)
U.S. DOLLAR LOAN	(0)	(0)	(0)	(2,236)	(21,402)	(16,963)	(0)	(0)
(TOTAL)	4,774	0	9,125	46,424	34,053	16,969	0	0

\*\*\* CASH GENERATED \*\*\*

NET INCOME (C)								
DEPRECIATION AND AMORTIZATION (D)								
INTEREST OF LONG TERM DEBTS (F)								
SUPPLIER'S CREDIT								
U.S. DOLLAR LOAN								
(TOTAL)	0	0	0	0	0	0	11,683	16,064

REPAYMENT OF LONG TERM DEBTS (F)

SUPPLIER'S CREDIT	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
U.S. DOLLAR LOAN	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

\*\*\* RETURN ON INVESTMENT \*\*\*

NET BALANCE CUMULATIVE (C+D-F)-(A)	-3,500	0	-6,500	-18,500	0	-36	-934	3,877
DISCOUNT RATE	1,00000	,94823	,89913	,85258	,80844	,76658	,70783	,63643
PRESENT VALUE	-3,500	0	-5,844	-15,773	0	-28	-661	2,467

\*\*\* RETURN ON INVESTMENT AND LOAN \*\*\*

NET BALANCE CUMULATIVE (C+D+E)-(A+B)	-8,274	0	-9,125	-48,424	-34,053	-16,999	11,683	16,064
DISCOUNT RATE	1,00000	,95796	,91769	,87911	,84216	,80675	,75642	,69416
PRESENT VALUE	-8,274	0	-8,374	-42,570	-28,678	-13,714	8,838	11,151

INTERNAL RATE OF RETURN CALCULATION \*\* (UNIT: \$1000) ROE= 11.22% ROI= 8.97%

3 4 5 6 7 8 9 10

\*\*\* CASH PROVIDED \*\*\*

CAPITAL STOCK	(A)	0	0	0	0	0	0	0	0	0	0	0
LONG TERM DEBTS	(B)	0	0	0	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	(C)	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	(D)	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
(TOTAL)		0	0	0	0	0	0	0	0	0	0	0

\*\*\* CASH GENERATED \*\*\*

NET INCOME	(E)	4,655	5,255	4,868	5,861	6,876	7,964	9,132	10,387
DEPRECIATION AND AMOTIZATION	(F)	10,304	10,304	10,304	10,304	10,304	10,304	10,304	10,304
INTEREST OF LONG TERM DEBTS	(G)	6,984	6,424	5,472	4,520	3,569	2,617	1,665	714
SUPPLIER'S CREDIT	(H)	(3,330)	(2,900)	(2,470)	(2,041)	(1,611)	(1,182)	(752)	(322)
U.S. DOLLAR LOAN	(I)	(3,654)	(3,524)	(3,002)	(2,480)	(1,958)	(1,436)	(914)	(392)
(TOTAL)		21,944	21,983	20,644	20,686	20,749	20,886	21,102	21,405
REPAYMENT OF LONG TERM DEBTS	(J)	4,774	10,574	10,574	10,574	10,574	10,574	10,574	10,574
SUPPLIER'S CREDIT	(K)	(4,774)	(4,774)	(4,774)	(4,774)	(4,774)	(4,774)	(4,774)	(4,774)
U.S. DOLLAR LOAN	(L)	( )	(5,800)	(5,800)	(5,800)	(5,800)	(5,800)	(5,800)	(5,800)

\*\*\* RETURN ON INVESTMENT \*\*\*

NET BALANCE CUMULATIVE	(M)	10,186	4,985	4,598	5,592	6,606	7,694	8,863	10,117
DISCOUNT RATE	(N)	-15,407	-10,422	-5,823	-232	6,375	14,069	22,932	33,049
PRESENT VALUE		5,779	2,565	2,127	2,326	2,471	2,587	2,680	2,750

\*\*\* RETURN ON INVESTMENT AND LOAN \*\*\*

NET BALANCE CUMULATIVE	(O)	21,944	21,983	20,644	20,686	20,749	20,886	21,102	21,405
DISCOUNT RATE	(P)	-67,185	-45,202	-24,557	-3,871	16,878	37,764	58,666	80,271
PRESENT VALUE		13,979	12,851	11,075	10,184	9,374	8,659	8,029	7,474

\*\*\* HIERRO-PERU SINTER PROJECT F/S \*\*\*

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\* (UNITS: \$1000)

	1	2	3	4	5	6	7	8
(PRODUCTION VOLUME :1000 TONS)	1,650	2,000	2,500	2,500	2,500	2,500	2,500	2,500
RAW MATERIALS	19,914	23,118	28,895	28,895	28,895	28,895	28,895	28,895
OPERATING COST	20,378	21,234	23,047	23,047	23,047	23,047	23,047	23,047
MAN POWER	767	767	767	767	767	767	767	767
MAINTENANCE MATERIAL	2,911	2,911	2,911	2,911	2,911	2,911	2,911	2,911
UTILITY	3,846	4,161	5,202	5,202	5,202	5,202	5,202	5,202
FACTORY OVERHEAD	2,550	3,090	3,863	3,863	3,863	3,863	3,863	3,863
DEPRECIATION	10,211	10,211	10,211	10,211	10,211	10,211	10,211	10,211
AMORTIZATION	94	94	94	94	94	94	94	94
COST OF GOODS MANUFACTURED	40,292	44,352	51,942	51,942	51,942	51,942	51,942	51,942
INVENTORY								
BEGINNING	3,663	3,663	3,350	3,350	3,117	3,117	3,117	3,117
END			3,130	3,117	3,117	3,117	3,117	3,117
COST OF GOODS SOLD	36,629	44,665	52,163	51,955	51,943	51,943	51,942	51,942

## \*\*\* HIERRO-PERU SINTER PROJECT F/S \*\*\*

(UNIT: \$1000)

## \*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

	9	10	TOTAL
(PRODUCTION VOLUME :1000 TON)	2,500	2,500	23,650
RAW MATERIALS	28,895	28,895	274,192
OPERATING COST	23,047	23,047	225,992
MAN POWER	767	767	7,670
MAINTENANCE MATERIAL	2,911	2,911	29,110
UTILITY	5,202	5,202	49,623
FACTORY OVERHEAD	3,863	3,863	36,544
DEPRECIATION	10,211	10,211	102,107
AMORTIZATION	94	94	938
COST OF GOODS MANUFACTURED	51,942	51,942	500,183
INVENTORY			
BEGINNING	3,117	3,117	28,843
END	3,117	3,117	31,959
COST OF GOODS SOLD	51,942	51,942	497,067



\*\*\* MIERHO-PERU SINTER PROJECT F/S \*\*\*

\*\* PROJECTED CASH FLOW STATEMENTS (CONSTRUCTION) \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR		TOTAL
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
	0	507	56	207	448	360	
** CASH BALANCE, BEGINNING							0
** CASH PROVIDED BY **							
CAPITAL STOCK	3,500	0	7,000	21,500	0	0	32,000
LONG TERM DEBTS	5,304		2,917	32,762	37,541	19,105	97,629
SUPPLIER'S CREDIT	5,304		2,917	30,765	14,056	0	53,042
U.S. DOLLAR LOAN	0	0	0	1,997	23,485	19,105	44,587
TAX PAYABLE	0	0	0	0	0	0	0
INTEREST ON TEMPORARY INVESTMENT	0	0	0	0	0	0	0
(TOTAL)	8,804	0	9,917	54,262	37,541	19,105	129,629
** CASH APPLIED TO **							
FIXED ASSETS ACQUISITION COST	8,362	0	9,404	52,882	34,884	11,932	117,465
BUILDING AND STRUCTURE	656	0	5,167	7,025	4,009	317	17,173
MACHINERY AND EQUIPMENT	7,706	0	4,237	45,857	30,875	11,616	100,291
INTEREST DURING CONSTRUCTION	119	239	304	1,083	2,630	3,876	8,251
SUPPLIER'S CREDIT	119	239	304	1,062	2,071	2,387	6,182
U.S. DOLLAR LOAN	0	0	0	21	559	1,489	2,069
PRE-OPERATIONAL EXPENSES	15	15	55	56	115	682	938
INVENTORY BUILDUP	0	0	0	0	0	2,027	2,027
(TOTAL)	8,497	254	9,763	54,021	37,629	18,517	128,681
** NET CASH INCREASE/DECREASE	307	-254	154	241	-88	588	948
** CASH BALANCE, END	307	56	207	448	360	948	948



\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
** CASH BALANCE, BEGINNING	948	1,102	1,335	1,336	1,336	1,336	1,336	1,336
** CASH PROVIDED BY **								
CASH SALES	37,675	50,233	62,792	62,792	62,792	62,792	62,792	62,792
SALES AMOUNT	( 41,100)	( 54,800)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)
ACCOUNTS RECEIVABLE	( -3,425)	( -4,567)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)
COLLECTION OF RECEIVABLES		3,425	4,567	5,708	5,708	5,708	5,708	5,708
INTEREST ON TEMPORARY INVESTMENT	0	0	0	68	64	164	291	435
INCREASE..ACCOUNT PAYABLE	604	68	130	0	0	0	0	0
SHORT TERM LOAN	11,078	1,333	0	251	0	0	0	0
LONG TERM DEBTS	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
CAPITAL STOCK	11,433	11,433	11,433	11,433	11,433	11,433	11,433	11,433
DEPRECIATION & AMORTIZATION								
(TOTAL)	60,789	66,492	78,921	80,252	80,017	80,097	80,224	80,368

** CASH APPLIED TO **								
COST OF GOODS SOLD	39,465	48,129	56,198	55,974	55,961	55,960	55,960	55,960
SELLING, GEN. & ADM. INCOME TAX	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
PAYMENT OF TAX PAYABLE	0	0	0	0	0	0	0	0
REPAYMENT OF DEBTS	5,304	5,304	9,412	11,674	12,474	13,653	14,569	14,552
SUPPLIER'S CREDIT	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 6,370)	( 6,370)	( 6,370)	( 6,370)	( 6,370)
SHORT TERM LOAN	( 0)	( 0)	( 4,108)	( 0)	( 801)	( 1,979)	( 2,896)	( 2,876)
INTEREST	8,902	9,141	8,520	7,590	6,554	5,456	4,286	3,062
SUPPLIER'S CREDIT	( 4,854)	( 4,177)	( 3,700)	( 3,222)	( 2,745)	( 2,268)	( 1,790)	( 1,315)
U.S. DOLLAR LOAN	( 4,013)	( 4,013)	( 4,013)	( 3,869)	( 3,296)	( 2,723)	( 2,150)	( 1,576)
SHORT TERM LOAN	( 235)	( 951)	( 807)	( 498)	( 513)	( 465)	( 346)	( 173)
INCREASE..FIXED ASSET INCREASE..INVENTORIES	3,947	-337	-238	-13	-1	0	0	0
(TOTAL)	60,635	66,259	78,920	80,252	80,017	80,097	80,224	80,009
** NET CASH INCREASE/DECREASE	154	233	1	0	0	0	0	359
** CASH BALANCE, END	1,102	1,335	1,336	1,336	1,336	1,336	1,336	1,695

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	9	10	TOTAL
** CASH BALANCE, BEGINNING	1,695	5,822	948
** CASH PROVIDED BY **			
CASH SALES	62,792	62,792	590,242
SALES AMOUNT	( 68,500)	( 68,500)	(643,900)
ACCOUNTS RECEIVABLE	( -5,708)	( -5,708)	( -53,658)
COLLECTION OF RECEIVABLES	5,708	5,708	47,950
INTEREST ON TEMPORARY INVESTMENT	649	1,142	2,832
INCREASE..ACCOUNT PAYABLE	0	0	802
SHORT TERM LOAN	0	0	12,662
LONG TERM DEBTS	( )	( )	0
SUPPLIER S CREDIT	( )	( )	( )
U.S. DOLLAR LOAN	0	0	( )
CAPITAL STOCK	11,433	11,433	114,328
DEPRECIATION & AMORTIZATION			
(TOTAL)	80,582	81,074	768,816

** CASH APPLIED TO **			
COST OF GOODS SOLD	55,960	55,960	535,529
SELLING, GEN. & ADM.	5,028	5,028	47,261
INCOME TAX	1,954	2,529	6,270

PAYMENT OF TAX PAYABLE	0	0	
REPAYMENT OF DEBTS	11,674	11,674	110,291
SUPPLIER S CREDIT	( 5,304)	( 5,304)	( 53,042)
U.S. DOLLAR LOAN	( 6,370)	( 6,370)	( 44,587)
SHORT TERM LOAN	( )	( 0)	( 12,662)

INTEREST	1,839	788	56,138
SUPPLIER S CREDIT	( 835)	( 358)	( 25,062)
U.S. DOLLAR LOAN	( 1,003)	( 430)	( 27,086)
SHORT TERM LOAN	( )	( 0)	( 3,989)

INCREASE..FIXED ASSET	0	0	0
INCREASE..INVENTORIES	0	0	3,358
(TOTAL)	76,454	75,979	758,846

** NET CASH INCREASE/DECREASE	4,128	5,096	9,970
** CASH BALANCE, END	5,822	10,918	10,918

•• PROJECTED INCOME STATEMENTS •• (UNIT: \$1000)

	1	2	3	4	5	6	7	8
SALES AMOUNT	41,100	54,800	68,500	68,500	68,500	68,500	66,500	68,500
VOLUME (1000 TON)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
AVERAGE OF UNIT PRICE (\$/TON)	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
COST OF GOODS SOLD	39,465	48,129	56,198	55,974	55,961	55,960	55,960	55,960
SELLING, GEN. & ADM. ADMINISTRATIVE	3,017	4,022	5,028	5,026	5,028	5,028	5,028	5,028
VALUE ADDED TAX	1,175	1,566	1,958	1,958	1,958	1,958	1,958	1,958
MINPECO COMMISSION	822	1,096	1,370	1,370	1,370	1,370	1,370	1,370
SHIPPING COST	198	264	330	330	330	330	330	330
INCOME FROM OPERATION	-1,382	2,669	7,274	7,698	7,511	7,512	7,512	7,512
INTEREST	8,902	9,141	8,520	7,590	6,554	5,456	4,286	3,062
SUPPLIER'S CREDIT	(4,654)	(4,177)	(3,700)	(3,222)	(2,745)	(2,268)	(1,790)	(1,313)
U.S. DOLLAR LOAN	(4,013)	(4,013)	(4,013)	(3,869)	(3,296)	(2,723)	(2,150)	(1,576)
SHORT TERM LOAN	(235)	(951)	(807)	(498)	(513)	(465)	(346)	(173)
INTEREST ON TEMPORARY INVESTMENT	0	0	0	68	84	164	291	435
NET INCOME BEFORE TAX	-10,284	-6,492	-1,246	-24	1,041	2,220	3,517	4,885
{PRE-YEAR LOSS CARRY OVER} (TAXABLE INCOME)	(0)	(10,284)	(16,776)	(18,022)	(7,762)	(1,270)	(0)	(0)
INCOME TAX	0	0	0	0	0	380	1,407	1,954
NET INCOME AFTER TAX	-10,284	-6,492	-1,246	-24	1,041	1,840	2,110	2,931
RETAINED EARNINGS	-10,284	-16,776	-18,022	-18,046	-17,005	-15,165	-13,055	-10,124

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	9	10	TOTAL
SALES AMOUNT	68,500	68,500	643,900
VOLUME (1000 TON)	2,500	2,500	23,500
AVERAGE OF UNIT PRICE (\$/TON)	27.40	27.40	27.40
COST OF GOODS SOLD	55,960	55,960	535,529
SELLING, GEN. & ADM. EXPENSES	5,028	5,028	47,261
ADMINISTRATIVE EXPENSES	1,958	1,958	18,405
VALUE ADDED TAX	1,370	1,370	12,878
MINPECO COMMISSION	1,370	1,370	12,878
SHIPPING COST	330	330	3,100
INCOME FROM OPERATION	7,512	7,512	61,110
INTEREST	1,839	788	56,138
SUPPLIER'S CREDIT	( 335 )	( 358 )	(25,062)
U.S. DOLLAR LOAN	( 1,003 )	( 430 )	(27,086)
SHORT TERM LOAN	( 0 )	( 0 )	( 3,989 )
INTEREST ON TEMPORARY INVESTMENT	649	1,142	2,832
NET INCOME BEFORE TAX	6,323	7,866	7,805
(PRE-YEAR LOSS CARRY OVER)	( 0 )	( 0 )	( 0 )
(TAXABLE INCOME)	( 6,323 )	( 7,866 )	( 0 )
INCOME TAX	2,529	3,146	9,416
NET INCOME AFTER TAX	3,794	4,719	-1,611
RETAINED EARNINGS	-6,331	-1,611	-1,611

\*\*\* PROJECTED BALANCE SHEET \*\*\*

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
<b>** ASSETS **</b>						
<b>CURRENT ASSETS</b>						
CASH ON HAND AND DEPOSIT	307	54	207	448	360	10,501
TEMPORARY INVESTMENT	307	53	206	448	360	1,102
ACCOUNTS RECEIVABLE	0	1	1	0	0	0
INVENTORIES	( )	( )	( )	( )	( )	3,425
FINISHED PRODUCTS	( )	( )	( )	( )	( )	5,974
MATERIALS	( )	( )	( )	( )	( )	( 3,610)
						( 2,027)
<b>FIXED ASSETS</b>	8,482	8,720	18,429	72,394	109,907	114,377
BUILDING AND STRUCTURE						17,872
MACHINERY AND EQUIPMENT						96,505
CONSTRUCTION IN PROGRESS	8,482	8,720	18,429	72,394	109,907	0
DEFERRED ASSETS	15	30	85	141	256	844
<b>(TOTAL ASSETS)</b>	8,804	8,804	18,721	72,983	110,523	125,722
<b>** LIABILITIES **</b>						
<b>CURRENT LIABILITIES</b>						
ACCOUNT PAYABLE	0	0	0	0	0	11,681
SHORT TERM LOAN						604
INCOME TAX PAYABLE						11,078
						0
IMPORT TAX PAYABLE	5,304	5,304	8,221	40,983	78,523	92,325
LONG TERM DEBTS						
SUPPLIER'S CREDIT	5,304	5,304	8,221	38,986	53,042	47,736
U.S. DOLLAR LOAN				1,997	25,481	44,587
<b>(TOTAL LIABILITIES)</b>	5,304	5,304	8,221	40,983	78,523	104,006
<b>** EQUITY **</b>						
CAPITAL STOCK	3,500	3,500	10,500	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0
RETAINED EARNINGS	3,500	3,500	10,500	32,000	32,000	21,716
<b>(TOTAL EQUITY)</b>	8,804	8,804	18,721	72,983	110,523	125,722
<b>(TOTAL LIABILITIES AND EQUITY)</b>	8,804	8,804	18,721	72,983	110,523	125,722

PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	3	4	5	6	7	8	9	10
** ASSETS **								
CURRENT ASSETS	12,443	12,430	12,429	12,429	12,429	12,788	16,916	22,011
CASH ON HAND AND DEPOSIT	1,336	1,336	1,336	1,336	1,336	1,336	1,336	1,336
TEMPORARY INVESTMENT	0	0	0	0	0	359	4,487	9,582
ACCOUNTS RECEIVABLE	5,708	5,708	5,708	5,708	5,708	5,708	5,708	5,708
INVENTORIES	5,399	5,386	5,385	5,385	5,385	5,385	5,385	5,385
FINISHED PRODUCTS	( 3,372 )	( 3,358 )	( 3,358 )	( 3,358 )	( 3,358 )	( 3,358 )	( 3,358 )	( 3,358 )
MATERIALS	( 2,027 )	( 2,027 )	( 2,027 )	( 2,027 )	( 2,027 )	( 2,027 )	( 2,027 )	( 2,027 )
FIXED ASSETS	91,699	80,360	69,021	57,682	46,342	35,005	23,664	12,325
BUILDING AND STRUCTURE	16,639	16,023	15,407	14,790	14,174	13,558	12,942	12,325
MACHINERY AND EQUIPMENT	75,059	64,337	53,614	42,891	32,168	21,446	10,723	0
CONSTRUCTION IN PROGRESS	0	0	0	0	0	0	0	0
DEFERRED ASSETS	657	563	469	375	281	188	94	0
(TOTAL ASSETS)	104,799	93,352	81,919	70,486	59,053	47,979	40,674	34,337
** LIABILITIES **								
CURRENT LIABILITIES	9,104	9,355	8,555	6,956	5,087	2,756	3,331	3,948
ACCOUNT PAYABLE	802	802	802	802	802	802	802	802
SHORT TERM LOAN	8,303	8,554	7,753	5,774	2,878	0	0	0
INCOME TAX PAYABLE	0	0	0	380	1,407	1,954	2,529	3,146
IMPORT TAX PAYABLE								
LONG TERM DEBTS	81,716	70,042	58,369	46,695	35,021	23,347	11,674	0
SUPPLIER'S CREDIT	37,129	31,825	26,521	21,217	15,913	10,608	5,304	0
U.S. DOLLAR LOAN	44,587	38,217	31,848	25,478	19,109	12,739	6,370	0
(TOTAL LIABILITIES)	90,820	79,398	66,923	53,651	40,108	26,103	15,004	3,948
** EQUITY **								
CAPITAL STOCK	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0	0
RETAINED EARNINGS	-18,022	-18,046	-17,005	-15,165	-13,055	-10,124	-6,331	-1,611
(TOTAL EQUITY)	13,978	13,954	14,995	16,835	18,945	21,876	25,669	30,389
(TOTAL LIABILITIES AND EQUITY)	104,799	93,352	81,919	70,486	59,053	47,979	40,674	34,337

INTERNAL RATE OF RETURN CALCULATION \*\* (UNIT: \$1000) ROE=

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
CASH PROVIDED **						
CAPITAL STOCK	(A) 3,500	0	7,000	21,500	0	0
LONG TERM DEBTS	(B) 5,304	( )	2,917	32,762	37,541	19,105
SUPPLIER'S CREDIT	( )	( )	( )	(30,765)	(14,056)	( )
U.S. DOLLAR LOAN	( )	( )	( )	(1,997)	(23,485)	( )
(TOTAL)	8,804	0	9,917	54,262	37,541	19,105

** CASH GENERATED **						
NET INCOME	(C)					
DEPRECIATION AND AMOTIZATION (D)						
INTEREST OF LONG TERM DEBTS (E)						
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )
(TOTAL)	0	0	0	0	0	0
REPAYMENT OF LONG TERM DEBTS (F)	( )	( )	( )	( )	( )	( )
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )

** RETURN ON INVESTMENT **						
NET BALANCE CUMULATIVE	(C+D+E)-(A)					
DISCOUNT RATE						
PRESENT VALUE						

** RETURN ON INVESTMENT AND LOAN **						
NET BALANCE CUMULATIVE	(C+D+E)-(A+B)					
DISCOUNT RATE						
PRESENT VALUE						

\*\*\* HIERRO-PERU SINTFR PROJECT F/S \*\*\*

INTERNAL RATE OF RETURN CALCULATION \*\* (UNIT: \$1000) ROE= 2 ROI= 3.94%

	3	4	5	6	7	8	9	10
*** CASH PROVIDED ***								
CAPITAL STOCK (A)	0	0	0	0	0	0	0	0
LONG TERM DEBTS (B)	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )	( )	( )
(TOTAL)	0	0	0	0	0	0	0	0

	3	4	5	6	7	8	9	10
*** CASH GENERATED ***								
NET INCOME (C)	-1,246	-24	1,041	1,840	2,110	2,931	3,794	4,719
DEPRECIATION AND AMOTIZATION (D)	11,433	11,433	11,433	11,433	11,433	11,433	11,433	11,433
INTEREST OF LONG TERM DEBTS (E)	7,712	7,092	6,041	4,991	3,940	2,889	1,839	786
SUPPLIER'S CREDIT	(3,700)	(3,222)	(2,745)	(2,268)	(1,790)	(1,313)	(835)	(358)
U.S. DOLLAR LOAN	(4,011)	(3,869)	(3,296)	(2,723)	(2,150)	(1,576)	(1,003)	(430)
(TOTAL)	17,900	18,501	18,515	18,263	17,483	17,253	17,065	16,940
REPAYMENT OF LONG TERM DEBTS (F)	5,304	11,674	11,674	11,674	11,674	11,674	11,674	11,674
SUPPLIER'S CREDIT	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)
U.S. DOLLAR LOAN	( )	(6,370)	(6,370)	(6,370)	(6,370)	(6,370)	(6,370)	(6,370)

	3	4	5	6	7	8	9	10
*** RETURN ON INVESTMENT ***								
NET BALANCE CUMULATIVE (C+D-F)-(A)	4,883	-265	800	1,599	1,869	2,690	3,553	4,478
	-31,636	-31,401	-31,101	-29,502	-27,633	-24,945	-21,390	-16,912
DISCOUNT RATE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000
PRESENT VALUE	4,883	-265	800	1,599	1,869	2,690	3,553	4,478

	3	4	5	6	7	8	9	10
*** RETURN ON INVESTMENT AND LOAN ***								
NET BALANCE CUMULATIVE (C+D+E)-(A+B)	17,900	18,501	18,515	18,263	17,483	17,253	17,065	16,940
	-84,782	-70,282	-51,767	-33,504	-16,021	1,232	18,297	35,237
DISCOUNT RATE	.81635	.78540	.75563	.72696	.69942	.67290	.64739	.62285
PRESENT VALUE	14,612	14,531	13,990	13,277	12,228	11,610	11,048	10,551



\*\*\* HIERRO-PERU SINTER PROJECT F/S \*\*\*

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

(UNIT: \$1000)

	1	2	3	4	5	6	7	8
(PRODUCTION VOLUME :1000 TON)	1,650	2,000	2,500	2,500	2,500	2,500	2,500	2,500
RAW MATERIALS	21,905	25,430	31,784	31,784	31,784	31,784	31,784	31,784
OPERATING COST	21,506	22,367	24,176	24,176	24,176	24,176	24,176	24,176
MAN POWER	767	767	767	767	767	767	767	767
MAINTENANCE MATERIAL	2,911	2,911	2,911	2,911	2,911	2,911	2,911	2,911
UTILITY	3,846	4,161	5,202	5,202	5,202	5,202	5,202	5,202
FACTORY OVERHEAD	2,550	3,090	3,863	3,863	3,863	3,863	3,863	3,863
DEPRECIATION	11,339	11,339	11,339	11,339	11,339	11,339	11,339	11,339
AMORTIZATION	94	94	94	94	94	94	94	94
COST OF GOODS MANUFACTURED	43,412	47,792	55,960	55,960	55,960	55,960	55,960	55,960
INVENTORY								
BEGINNING	3,947	3,947	3,610	3,372	3,358	3,358	3,358	3,358
END			3,372	3,358	3,358	3,358	3,358	3,358
COST OF GOODS SOLD	39,465	48,129	56,198	55,974	55,961	55,960	55,960	55,960

\*\*\* HIERRO-PERU SINTER PROJECT F/S \*\*\*  
 \*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\* (UNIT: \$1000)

	9	10	TOTAL
(PRODUCTION VOLUME : 1000 TON)	2,500	2,500	23,650
RAW MATERIALS	31,784	31,784	301,611
OPERATING COST	24,176	24,176	237,275
MAN POWER	767	767	7,670
MAINTENANCE MATERIAL	2,911	2,911	29,110
UTILITY	5,202	5,202	49,623
FACTORY OVERHEAD	3,863	3,863	36,544
DEPRECIATION	11,339	11,339	113,590
AMORTIZATION	94	94	938
COST OF GOODS MANUFACTURED	55,960	55,960	532,886
INVENTORY			
BEGINNING	3,358	3,358	31,075
END	3,358	3,358	34,432
COST OF GOODS SOLD	55,960	55,960	535,529



\*\* PROJECTED CASH FLOW STATEMENTS (CONSTRUCTION) \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR		TOTAL
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
	0	307	54	207	448	360	
** CASH BALANCE, BEGINNING							0
** CASH PROVIDED BY **							
CAPITAL STOCK	3,500	0	7,000	21,500	0	0	32,000
LONG TERM DEBTS	5,304		2,917	32,762	57,541	18,608	97,131
SUPPLIER S CREDIT	5,304		7,917	30,765	14,056	0	53,042
U.S. DOLLAR LOAN	0		0	1,997	23,485	18,608	44,089
TAX PAYABLE	0		0	0	0	0	0
INTEREST ON TEMPORARY INVESTMENT	0		0	0	0	0	0
(TOTAL)	8,804	0	9,917	54,262	37,541	18,608	129,151
** CASH APPLIED TO **							
FIXED ASSETS ACQUISITION COST	8,362	0	9,404	52,882	34,884	11,952	117,465
BUILDING AND STRUCTURE	656		5,167	7,025	4,009	517	17,175
MACHINERY AND EQUIPMENT	7,706		4,237	45,857	30,875	11,616	100,291
INTEREST DURING CONSTRUCTION	119	239	304	1,083	2,630	3,865	8,240
SUPPLIER S CREDIT	119	239	304	1,062	2,071	2,387	6,182
U.S. DOLLAR LOAN	0		0	21	559	1,478	2,058
PRE-OPERATIONAL EXPENSES	15	15	55	56	115	682	938
INVENTORY BUILDUP	0		0	0	0	1,659	1,659
(TOTAL)	8,497	254	9,763	54,021	37,629	18,139	128,302
** NET CASH INCREASE/DECREASE	307	-254	154	241	-88	669	829
** CASH BALANCE, END	307	54	207	448	360	829	829

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
** CASH BALANCE, BEGINNING	829	965	1,165	9,895	17,932	25,088	32,824	41,777
** CASH PROVIDED BY **								
CASH SALES	37,675	50,233	62,792	62,792	62,792	62,792	62,792	62,792
SALES AMOUNT	( 47,100)	( 54,800)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)
ACCOUNTS RECEIVABLE	( -3,425)	( -4,567)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)
COLLECTION OF RECEIVABLES		3,425	4,567	5,708	5,708	5,708	5,708	5,708
INTEREST ON TEMPORARY INVESTMENT	3	248	867	1,964	2,794	3,608	4,523	5,582
INCREASE..ACCOUNT PAYABLE	551	58	114	0	0	0	0	0
SHORT TERM LOAN	6,846	0	0	0	0	0	0	0
LONG TERM DEBTS	0	0	0	0	0	0	0	0
SUPPLIER S CPEDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
CAPITAL STOCK	0	0	0	0	0	0	0	0
DEPRECIATION & AMORTIZATION	11,432	11,432	11,432	11,432	11,432	11,432	11,432	11,432
(TOTAL)	56,507	65,296	79,771	81,896	82,726	83,540	84,455	85,513
** CASH APPLIED TO **								
COST OF GOODS SOLD	35,844	43,490	50,417	50,194	50,181	50,180	50,180	50,180
SELLING, GEN. & ADM. INCOME TAX	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
PAYMENT OF TAX PAYABLE	0	0	0	0	2,755	4,032	4,776	5,560
REPAYMENT OF DEBTS	5,304	9,450	8,004	11,603	11,603	11,603	11,603	11,603
SUPPLIER S CPEDIT	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 6,298)	( 6,298)	( 6,298)	( 6,298)	( 6,298)
SHORT TERM LOAN	( 0)	( 4,146)	( 2,700)	( 0)	( 0)	( 0)	( 0)	( 0)
INTEREST	8,622	8,556	7,830	7,049	6,004	4,960	3,916	2,872
SUPPLIER S CPEDIT	( 4,654)	( 4,177)	( 3,700)	( 3,222)	( 2,745)	( 2,268)	( 1,790)	( 1,313)
U.S. DOLLAR LOAN	( 3,968)	( 3,968)	( 3,968)	( 3,826)	( 3,259)	( 2,693)	( 2,126)	( 1,559)
SHORT TERM LOAN	( 0)	( 411)	( 162)	( 0)	( 0)	( 0)	( 0)	( 0)
INCREASE..FIXED ASSET INCREASE..INVENTORIES	3,584	-323	-237	-13	-1	0	0	0
(TOTAL)	56,371	65,196	71,042	73,859	75,570	75,803	75,502	75,242
** NET CASH INCREASE/DECREASE	136	201	8,730	8,037	7,156	7,736	8,952	10,271
** CASH BALANCE, END	965	1,165	9,895	17,932	25,088	32,824	41,777	52,048

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	9	10	TOTAL
** CASH BALANCE, BEGINNING	52,048	63,736	829
** CASH PROVIDED BY **			
CASH SALES	62,792	62,792	590,242
SALES AMOUNT	( 68,500)	( 68,500)	(643,900)
ACCOUNTS RECEIVABLE	( -5,708)	( -5,708)	( -53,658)
COLLECTION OF RECEIVABLES	5,708	5,708	47,950
INTEREST ON TEMPORARY INVESTMENT	6,795	8,175	34,558
INCREASE..ACCOUNT PAYABLE	0	0	723
SHORT TERM LOAN	0	0	6,846
LONG TERM DEBTS.	( )	( )	0
SUPPLIER S CREDIT	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )
CAPITAL STOCK	0	0	0
DEPRECIATION & AMORTIZATION	11,432	11,432	114,319
( TOTAL )	86,727	88,107	794,638
** CASH APPLIED TO **			
COST OF GOODS SOLD	50,180	50,180	481,027
SELLING, GEN. & ADM.	5,028	5,028	47,261
INCOME TAX	6,401	7,304	30,827
PAYMENT OF TAX PAYABLE	0	0	
REPAYMENT OF DEBTS	11,603	11,603	103,977
SUPPLIER S CREDIT	( 5,304)	( 5,304)	( 53,042)
U.S. DOLLAR LOAN	( 6,298)	( 6,298)	( 44,089)
SHORT TERM LOAN	0	0	( 6,846)
INTEREST	1,427	783	52,419
SUPPLIER S CREDIT	( 835)	( 558)	( 25,062)
U.S. DOLLAR LOAN	( 992)	( 425)	( 26,784)
SHORT TERM LOAN	0	0	( 573)
INCREASE..FIXED ASSET	0	0	0
INCREASE..INVENTORIES	0	0	3,011
( TOTAL )	75,039	74,898	718,521
** NET CASH INCREASE/DECREASE	11,688	13,209	76,116
** CASH BALANCE, END	63,736	76,945	76,945

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
SALES AMOUNT	41,100	54,800	68,500	68,500	68,500	68,500	68,500	68,500
VOLUME (1000 TON)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
AVERAGE OF UNIT PRICE (\$/TON)	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
COST OF GOODS SOLD	35,844	43,490	50,417	50,194	50,181	50,180	50,160	50,180
SELLING, GEN. & ADM. ADMINISTRATIVE	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
VALUE ADDED TAX	1,175	1,566	1,958	1,958	1,958	1,958	1,958	1,958
MINPECO COMMISSION	822	1,096	1,370	1,370	1,370	1,370	1,370	1,370
SHIPPING COST	198	264	330	330	330	330	330	330
INCOME FROM OPERATION	2,240	7,288	13,055	13,278	13,291	13,292	13,292	13,292
INTEREST	8,627	8,556	7,830	7,049	6,004	4,960	3,916	2,872
SUPPLIER'S CREDIT	(4,854)	(4,177)	(3,700)	(3,222)	(2,745)	(2,268)	(1,790)	(1,313)
U.S. DOLLAR LOAN	(3,968)	(3,968)	(3,968)	(3,826)	(3,259)	(2,693)	(2,126)	(1,559)
SHORT TERM LOAN	(0)	(411)	(162)	(0)	(0)	(0)	(0)	(0)
INTEREST ON TEMPORARY INVESTMENT	3	248	867	1,984	2,794	3,608	4,523	5,582
NET INCOME BEFORE TAX	-6,379	-1,020	6,093	8,194	10,081	11,940	13,899	16,002
(PRE-YEAR LOSS CARRY OVER) (TAXABLE INCOME)	(0)	(6,379)	(7,400)	(1,307)	(0)	(0)	(0)	(0)
INCOME TAX	0	0	0	2,755	4,032	4,776	5,560	6,401
NET INCOME AFTER TAX	-6,379	-1,020	6,093	5,439	6,049	7,164	8,339	9,601
RETAINED EARNINGS	-6,379	-7,400	-1,307	4,132	10,181	17,345	25,684	35,285

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	9	10	TOTAL
SALES AMOUNT	68,500	68,500	643,900
VOLUME (1000 TON)	2,500	2,500	23,500
AVERAGE OF UNIT PRICE (\$/TON)	27,40	27,40	27,40
COST OF GOODS SOLD	50,180	50,180	481,027
SELLING, GEN. & ADM. EXPENSES	5,028	5,028	47,261
ADMINISTRATIVE EXPENSES	1,958	1,958	18,405
VALUE ADDED TAX	1,370	1,370	12,878
MINPECO COMMISSION	1,370	1,370	12,878
SHIPPING COST	330	330	3,100
INCOME FROM OPERATION	13,292	13,292	115,612
INTEREST	1,827	783	52,419
SUPPLIER'S CREDIT	( 835)	( 358)	(25,062)
U.S. DOLLAR LOAN	( 992)	( 425)	(26,784)
SHORT TERM LOAN	( 0)	( 0)	( 573)
INTEREST ON TEMPORARY INVESTMENT	6,795	8,175	34,558
NET INCOME BEFORE TAX	18,259	20,683	97,751
(PRE-YEAR LOSS CARRY OVER)	( 0)	( 0)	( 0)
(TAXABLE INCOME)	(18,259)	(20,683)	( 0)
INCOME TAX	7,304	8,273	39,100
NET INCOME AFTER TAX	10,956	12,410	58,651
RETAINED EARNINGS	46,241	58,651	58,651



\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
** ASSETS **						
CURRENT ASSETS						
CASH ON HAND AND DEPOSIT	307	54	207	448	360	2,488
TEMPORARY INVESTMENT	307	53	206	448	360	829
ACCOUNTS RECEIVABLE	0	1	1	0	0	0
INVENTORIES	( )	( )	( )	( )	( )	1,659
FINISHED PRODUCTS	( )	( )	( )	( )	( )	( 3,584)
MATERIALS	( )	( )	( )	( )	( )	( 1,659)
FIXED ASSETS	8,482	8,720	18,429	72,394	109,907	114,367
BUILDING AND STRUCTURE						17,870
MACHINERY AND EQUIPMENT						96,497
CONSTRUCTION IN PROGRESS	8,482	8,720	18,429	72,394	109,907	0
DEFERRED ASSETS	15	30	85	141	256	844
(TOTAL ASSETS)	8,804	8,804	18,721	72,983	110,523	124,844
** LIABILITIES **						
CURRENT LIABILITIES	0	0	0	0	0	7,397
ACCOUNT PAYABLE						551
SHORT TERM LOAN						6,846
INCOME TAX PAYABLE						0
IMPORT TAX PAYABLE						
LONG TERM DEBTS	5,304	5,304	8,221	40,983	78,523	91,827
SUPPLIER'S CREDIT	5,304	5,304	8,221	38,986	53,042	47,738
U.S. DOLLAR LOAN				1,997	25,481	44,089
(TOTAL LIABILITIES)	5,304	5,304	8,221	40,983	78,523	99,223
** EQUITY **						
CAPITAL STOCK	3,500	3,500	10,500	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0
RETAINED EARNINGS	3,500	3,500	10,500	32,000	32,000	25,821
(TOTAL EQUITY)	8,804	8,804	18,721	72,983	110,523	124,844
(TOTAL LIABILITIES AND EQUITY)	8,804	8,804	18,721	72,983	110,523	124,844

(UNIT: \$1000)

\*\* PROJECTED BALANCE SHEET \*\*

	3	4	5	6	7	8	9	10
** ASSETS **								
CURRENT ASSETS	20,287	28,510	35,466	43,202	52,155	62,426	74,114	87,323
CASH ON HAND AND DEPOSIT	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162
TEMPORARY INVESTMENT	8,733	16,769	23,926	31,862	40,614	50,886	62,574	75,783
ACCOUNTS RECEIVABLE	5,708	5,708	5,708	5,708	5,708	5,708	5,708	5,708
INVENTORIES	4,684	4,670	4,670	4,670	4,670	4,670	4,670	4,670
FINISHED PRODUCTS	( 3,025)	( 3,012)	( 3,011)	( 3,011)	( 3,011)	( 3,011)	( 3,011)	( 3,011)
MATERIALS	( 1,659)	( 1,659)	( 1,659)	( 1,659)	( 1,659)	( 1,659)	( 1,659)	( 1,659)
FIXED ASSETS	91,691	80,353	69,015	57,676	46,338	35,000	23,662	12,324
BUILDING AND STRUCTURE	16,638	16,022	15,405	14,789	14,173	13,557	12,940	12,324
MACHINERY AND EQUIPMENT	75,053	64,331	53,609	42,887	32,166	21,444	10,722	0
CONSTRUCTION IN PROGRESS	0	0	0	0	0	0	0	0
DEFERRED ASSETS	657	563	469	375	281	186	94	0
(TOTAL ASSETS)	112,634	109,226	104,950	101,254	98,775	97,614	97,870	99,647
** LIABILITIES **								
CURRENT LIABILITIES	723	3,478	4,756	5,499	6,283	7,124	8,027	8,997
ACCOUNT PAYABLE	723	723	723	723	723	723	723	723
SHORT TERM LOAN	0	0	0	0	0	0	0	0
INCOME TAX PAYABLE	0	2,755	4,032	4,776	5,560	6,401	7,304	8,273
IMPORT TAX PAYABLE								
LONG TERM DEBTS	81,218	69,616	58,013	46,410	34,808	23,205	11,603	0
SUPPLIER'S CREDIT	37,129	31,825	26,521	21,217	15,913	10,608	5,304	0
U.S. DOLLAR LOAN	44,089	37,790	31,492	25,194	18,895	12,597	6,298	0
(TOTAL LIABILITIES)	81,941	73,094	62,769	51,909	41,091	30,329	19,630	8,997
** EQUITY **								
CAPITAL STOCK	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0	0
RETAINED EARNINGS	-1,307	4,132	10,181	17,345	25,684	35,285	46,241	58,651
(TOTAL EQUITY)	30,693	36,132	42,181	49,345	57,684	67,285	78,241	90,651
(TOTAL LIABILITIES AND EQUITY)	112,634	109,226	104,950	101,254	98,775	97,614	97,870	99,647

INTERNAL RATE OF RETURN CALCULATION \*\* (UNIT: \$1000) ROE= 12.96% ROI= 9.58%

	-3RD YEAR		-2ND YEAR		-1ST YEAR		
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
	1	2	1	2	1	2	
CAPITAL STOCK	(A) 3,500	0	7,000	21,500	0	0	0
LONG TERM DEBTS	(B) 5,304	( )	2,917	32,762	37,541	18,608	0
SUPPLIER'S CREDIT	( 5,304)	( )	( 2,917)	(30,765)	(14,056)	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 1,997)	(23,485)	(18,608)	( 0)
(TOTAL)	8,804	0	9,917	54,262	37,541	18,608	0

	(C)	(D)	(E)	(F)
NET INCOME	-6,379	11,432	8,622	8,145
DEPRECIATION AND AMOTIZATION	11,432		(4,654)	(4,177)
INTEREST OF LONG TERM DEBTS			( )	( )
SUPPLIER'S CREDIT			( )	( )
U.S. DOLLAR LOAN			( )	(3,968)
(TOTAL)	0	0	0	13,675
REPAYMENT OF LONG TERM DEBTS	0	0	0	5,304
SUPPLIER'S CREDIT	( 0)	( 0)	( 0)	(5,304)
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)

	(C+D-F)-(A)
NET BALANCE CUMULATIVE	-3,500
DISCOUNT RATE	1,00000
PRESENT VALUE	-3,500

	(C+D+E)-(A+B)
NET BALANCE CUMULATIVE	-8,804
DISCOUNT RATE	1,00000
PRESENT VALUE	-8,804

	3	4	5	6	7	8	9	10	
<b>** CASH PROVIDED **</b>									
CAPITAL STOCK	(A)	0	0	0	0	0	0	0	0
LONG TERM DEBTS	(B)	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	(R)	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(TOTAL)		0	0	0	0	0	0	0	0
<b>** CASH GENERATED **</b>									
NET INCOME	(C)	6,093	5,439	6,049	7,164	8,339	9,601	10,936	12,410
DEPRECIATION AND AMOTIZATION	(D)	11,432	11,432	11,432	11,432	11,432	11,432	11,432	11,432
INTEREST OF LONG TERM DEBTS	(E)	7,668	7,049	6,004	4,960	3,916	2,872	1,827	783
SUPPLIER'S CREDIT	( )	(3,700)	(3,222)	(2,745)	(2,268)	(1,790)	(1,313)	(835)	(358)
U.S. DOLLAR LOAN	( )	(3,968)	(3,826)	(3,259)	(2,693)	(2,126)	(1,559)	(992)	(425)
(TOTAL)		25,192	23,920	23,485	23,556	23,687	23,905	24,215	24,625
REPAYMENT OF LONG TERM DEBTS	(F)	5,304	11,603	11,603	11,603	11,603	11,603	11,603	11,603
SUPPLIER'S CREDIT	( )	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)
U.S. DOLLAR LOAN	( )	( )	(6,298)	(6,298)	(6,298)	(6,298)	(6,298)	(6,298)	(6,298)
<b>** RETURN ON INVESTMENT **</b>									
NET BALANCE	(C+D-F)-(A)	12,220	5,268	5,878	6,995	8,169	9,430	10,785	12,239
CUMULATIVE		-14,924	-9,656	-3,778	3,215	11,384	20,814	31,599	43,838
DISCOUNT RATE		.52746	.46695	.41339	.36597	.32399	.28682	.25392	.22479
PRESENT VALUE		6,446	2,460	2,430	2,559	2,647	2,705	2,738	2,751
<b>** RETURN ON INVESTMENT AND LOAN **</b>									
NET BALANCE	(C+D+E)-(A+R)	25,192	23,920	23,485	23,556	23,687	23,905	24,215	24,625
CUMULATIVE		-71,707	-47,788	-24,303	-747	22,940	46,845	71,060	95,685
DISCOUNT RATE		.61871	.56464	.51529	.47026	.42916	.39165	.35742	.32619
PRESENT VALUE		15,587	13,506	12,102	11,077	10,166	9,362	8,655	8,032

\*\*\* HIERRO-PLERU SIMTER PROJECT F/S \*\*\*

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
(PRODUCTION VOLUME : 1000 TON)	1,650	2,000	2,500	2,500	2,500	2,500	2,500	2,500
RAW MATERIALS	17,922	20,806	26,005	26,005	26,005	26,005	26,005	26,005
OPERATING COST	21,505	27,361	24,175	24,175	24,175	24,175	24,175	24,175
MAN POWER	767	767	767	767	767	767	767	767
MAINTENANCE MATERIAL	7,911	7,911	2,911	2,911	2,911	2,911	2,911	2,911
UTILITY OVERHEAD	3,846	4,161	5,202	5,202	5,202	5,202	5,202	5,202
FACTORY OVERHEAD	7,550	3,090	3,863	3,863	3,863	3,863	3,863	3,863
DEPRECIATION,	11,338	11,338	11,338	11,338	11,338	11,338	11,338	11,338
AMORTIZATION	94	94	94	94	94	94	94	94
COST OF GOODS MANUFACTURED	39,428	43,167	50,180	50,180	50,180	50,180	50,180	50,180
INVENTORY								
BEGINNING	3,584	3,584	3,262	3,025	3,012	3,011	3,011	3,011
END		3,262	3,025	3,012	3,011	3,011	3,011	3,011
COST OF GOODS SOLD	35,844	43,490	50,417	50,194	50,180	50,180	50,180	50,180

\*\*\* HIERHO-PERU SINTER PROJECT F/S \*\*\*

(UNIT: \$1000)

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

	9	10	TOTAL
(PRODUCTION VOLUME : 1000 TON)	2,500	2,500	23,650
RAW MATERIALS	26,005	26,005	246,773
OPERATING COST	24,175	24,175	237,266
MAN POWER	767	767	7,670
MAINTENANCE MATERIAL	2,911	2,911	29,110
UTILITY	5,202	5,202	49,623
FACTORY OVERHEAD	3,863	3,863	36,544
DEPRECIATION	11,338	11,338	113,381
AMORTIZATION	94	94	938
COST OF GOODS MANUFACTURED	50,180	50,180	484,038
INVENTORY			
BEGINNING	3,011	3,011	27,937
END	3,011	3,011	30,948
COST OF GOODS SOLD	50,180	50,180	481,027



\*\* PROJECTED CASH FLOW STATEMENTS (CONSTRUCTION) \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR		TOTAL
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
** CASH BALANCE, BEGINNING	0	307	53	206	448	360	0
** CASH PROVIDED BY **							
CAPITAL STOCK	3,500	0	7,000	21,500	0	0	32,000
LONG TERM DEBTS	5,330	54	2,988	33,012	38,147	19,773	99,304
SUPPLIER'S CREDIT	5,304	54	2,917	30,765	14,056	0	53,042
U.S. DOLLAR LOAN	26	54	71	2,247	24,091	19,773	46,262
TAX PAYABLE	0	0	0	0	0	0	0
INTEREST ON TEMPORARY INVESTMENT	0	0	0	0	0	0	0
(TOTAL)	8,830	54	9,988	54,512	38,147	19,773	131,304

\*\* CASH APPLIED TO \*\*

FIXED ASSETS ACQUISITION COST	8,362	0	9,404	52,882	34,884	11,932	117,465
BUILDING AND STRUCTURE	656	0	5,167	7,025	4,009	317	17,173
MACHINERY AND EQUIPMENT	7,706	0	4,237	45,857	30,875	11,616	100,291
INTEREST DURING CONSTRUCTION	146	293	376	1,332	3,236	4,786	10,170
SUPPLIER'S CREDIT	146	292	372	1,298	2,531	2,917	7,556
U.S. DOLLAR LOAN	0	1	4	34	705	1,869	2,614
PRE-OPERATIONAL EXPENSES	15	15	55	56	115	682	938
INVENTORY BUILDUP	0	0	0	0	0	1,843	1,843
(TOTAL)	8,523	508	9,835	54,270	38,235	19,244	130,415
** NET CASH INCREASE/OF DECREASE	307	-254	153	242	-88	529	889
** CASH BALANCE, END	307	53	206	448	360	889	889



\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
** CASH BALANCE, BEGINNING	889	1,033	1,250	1,249	1,249	1,249	1,740	5,879
** CASH PROVIDED BY **								
CASH SALES	37,675	50,233	62,792	62,792	62,792	62,792	62,792	62,792
SALES AMOUNT	( 41,100)	( 54,800)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)	( 68,500)
ACCOUNTS RECEIVABLE	( -5,425)	( -4,567)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)	( -5,708)
COLLECTION OF RECEIVABLES	3,425	4,567	5,708	5,708	5,708	5,708	5,708	5,708
INTEREST ON TEMPORARY INVESTMENT	0	0	71	260	361	544	757	1,245
INCREASE, ACCOUNT PAYABLE	577	63	122	0	0	0	0	0
SHORT TERM LOAN	11,150	945	0	0	0	0	0	0
LONG TERM DEBTS	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
CAPITAL STOCK	0	0	0	0	0	0	0	0
DEPRECIATION & AMORTIZATION	11,604	11,604	11,604	11,604	11,604	11,604	11,604	11,604
(TOTAL)	61,015	66,271	79,155	80,370	80,465	80,648	80,861	81,349
** CASH APPLIED TO **								
COST OF GOODS SOLD	37,811	45,984	53,482	53,256	53,243	53,242	53,242	53,242
SELLING, GEN. & ADM.	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
INCOME TAX	0	0	0	0	0	0	1,624	2,429
PAYMENT OF TAX PAYABLE	0	0	0	0	0	0	0	0
REPAYMENT OF DEBTS	5,304	5,304	10,550	12,843	14,305	15,451	11,913	11,913
SUPPLIER'S CREDIT	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 6,609)	( 6,609)	( 6,609)	( 6,609)	( 6,609)
SHORT TERM LOAN	( 0)	( 0)	( 5,245)	( 930)	( 2,391)	( 3,537)	( 0)	( 0)
INTEREST	10,958	11,076	10,337	9,257	7,891	6,437	4,914	3,604
SUPPLIER'S CREDIT	( 5,689)	( 5,105)	( 4,522)	( 3,936)	( 3,355)	( 2,771)	( 2,188)	( 1,605)
U.S. DOLLAR LOAN	( 5,089)	( 5,089)	( 5,089)	( 4,907)	( 4,180)	( 3,453)	( 2,726)	( 1,999)
SHORT TERM LOAN	( 181)	( 882)	( 726)	( 412)	( 356)	( 212)	( 0)	( 0)
INCREASE, FIXED ASSET	0	0	0	0	0	0	0	0
INCREASE, INVENTORIES	3,781	-332	-240	-14	-1	0	0	0
(TOTAL)	60,871	66,054	79,156	80,370	80,465	80,157	76,722	76,216
** NET CASH INCREASE/DECREASE	144	217	-1	0	0	491	4,139	5,133
** CASH BALANCE, END	1,033	1,250	1,249	1,249	1,249	1,740	5,879	11,012

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	9	10	TOTAL
** CASH BALANCE, BEGINNING	11,012	17,348	889
** CASH PROVIDED BY **			
CASH SALES	62,792	62,792	590,242
SALES AMOUNT	( 68,500 )	( 68,500 )	( 643,900 )
ACCOUNTS RECEIVABLE	( -5,708 )	( -5,708 )	( -53,658 )
COLLECTION OF RECEIVABLES	5,708	5,708	47,950
INTEREST ON TEMPORARY INVESTMENT	1,857	2,610	7,710
INCREASE..ACCOUNT PAYABLE	0	0	762
SHORT TERM LOAN	0	0	12,104
LONG TERM DEBTS	( )	( )	( )
SUPPLIER S CREDIT	( 0 )	( 0 )	( )
U.S. DOLLAR LOAN	0	0	0
CAPITAL STOCK	11,604	11,604	116,043
DEPRECIATION & AMORTIZATION	81,961	82,714	774,811
( TOTAL )			
** CASH APPLIED TO **			
COST OF GOODS SOLD	53,242	53,242	509,987
SELLING, GEN. & ADM.	5,028	5,028	47,261
INCOME TAX	3,148	3,917	11,119
PAYMENT OF TAX PAYABLE	0	0	
REPAYMENT OF DEBTS	11,913	11,913	111,409
SUPPLIER S CREDIT	( 5,304 )	( 5,304 )	( 53,042 )
U.S. DOLLAR LOAN	( 6,609 )	( 6,609 )	( 46,262 )
SHORT TERM LOAN	( 0 )	( 0 )	( 12,104 )
INTEREST	2,293	983	67,750
SUPPLIER S CREDIT	( 1,021 )	( 438 )	( 30,632 )
U.S. DOLLAR LOAN	( 1,272 )	( 545 )	( 34,350 )
SHORT TERM LOAN	( 0 )	( 0 )	( 2,769 )
INCREASE..FIXED ASSET	0	0	0
INCREASE..INVENTORIES	0	0	3,195
( TOTAL )	75,625	75,083	750,720
** NET CASH INCREASE/DECREASE	6,336	7,631	24,091
** CASH BALANCE, END	17,348	24,980	24,980

•• PROJECTED INCOME STATEMENTS •• (UNIT: \$1000)

	1	2	3	4	5	6	7	8
SALES AMOUNT	41,100	54,200	68,500	68,500	68,500	68,500	68,500	66,500
VOLUME (1000 TON)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
AVERAGE OF UNIT PRICE (\$/TON)	27,40	27,40	27,40	27,40	27,40	27,40	27,40	27,40
COST OF GOODS SOLD	37,811	45,484	53,487	53,256	53,243	53,242	53,242	53,242
SELLING, GEN. & ADM. ADMINISTRATIVE	3,017	4,022	5,028	5,028	5,028	5,028	5,028	5,028
VALUE ADDED TAX	1,175	1,566	1,958	1,958	1,958	1,958	1,958	1,958
MINPECO COMMISSION	822	1,096	1,370	1,370	1,370	1,370	1,370	1,370
SHIPPING COST	198	264	330	330	330	330	330	330
INCOME FROM OPERATION	273	4,794	9,990	10,216	10,229	10,230	10,230	10,230
INTEREST	10,958	11,076	10,337	9,257	7,891	6,437	4,914	3,604
SUPPLIER'S CREDIT	( 5,689)	( 5,105)	( 4,522)	( 3,938)	( 3,355)	( 2,771)	( 2,188)	( 1,605)
U.S. DOLLAR LOAN	( 181)	( 5,089)	( 5,089)	( 4,907)	( 4,180)	( 3,453)	( 2,726)	( 1,999)
SHORT TERM LOAN	( 181)	( 882)	( 726)	( 412)	( 356)	( 212)	( 0)	( 0)
INTEREST ON TEMPORARY INVESTMENT	0	0	71	266	361	544	757	1,245
NET INCOME BEFORE TAX	-10,686	-6,283	-276	1,225	2,699	4,337	6,075	7,871
(PRE-YEAR LOSS CARRY OVER) (TAXABLE INCOME)	( 0)	(10,686)	(16,968)	(17,244)	(6,559)	( 276)	( 0)	( 0)
INCOME TAX	0	0	0	0	0	1,624	2,429	3,148
NET INCOME AFTER TAX	-10,686	-6,283	-276	1,225	2,699	2,713	3,644	4,723
RETAINED EARNINGS	-10,686	-16,968	-17,244	-16,019	-13,319	-10,607	-6,963	-2,241

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	9	10	TOTAL
SALES AMOUNT	68,500	68,500	643,900
VOLUME (1000 TON)	2,500	2,500	23,500
AVERAGE OF UNIT PRICE (\$/TON)	27.40	27.40	27.40
COST OF GOODS SOLD	53,242	53,242	509,987
SELLING, GEN. & ADM. EXPENSES	5,028	5,028	47,261
ADMINISTRATIVE EXPENSES	1,958	1,958	18,405
VALUE ADDED TAX	1,370	1,370	12,878
HINPECO COMMISSION	1,370	1,370	12,878
SHIPPING COST	330	330	3,100
INCOME FROM OPERATION	10,230	10,230	86,652
INTEREST	2,293	983	67,750
SUPPLIER'S CREDIT	(1,021)	(438)	(30,632)
U.S. DOLLAR LOAN	(1,272)	(545)	(34,350)
SHORT TERM LOAN	(0)	(0)	(2,769)
INTEREST ON TEMPORARY INVESTMENT	1,857	2,010	7,710
NET INCOME BEFORE TAX	9,793	11,857	26,612
(PRE-YEAR LOSS CARRY OVER)	(0)	(0)	(0)
(TAXABLE INCOME)	(9,793)	(11,857)	(0)
INCOME TAX	3,917	4,743	15,862
NET INCOME AFTER TAX	5,876	7,114	10,750
RETAINED EARNINGS	3,635	10,750	10,750

.. PROJECTED BALANCE SHEET .. (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR		
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
.. ASSETS ..							
CURRENT ASSETS	307	53	206	448	360	2,732	10,082
CASH ON HAND AND DEPOSIT	307	53	206	448	360	889	1,250
TEMPORARY INVESTMENT	0	0	0	0	0	0	0
ACCOUNTS RECEIVABLE							3,425
INVENTORIES						1,843	5,624
FINISHED PRODUCTS	( )	( )	( )	( )	( )	( )	( 3,449)
MATERIALS	( )	( )	( )	( )	( )	( 1,843)	( 1,843)
FIXED ASSETS	8,508	8,801	18,582	72,796	110,916	127,634	106,614
BUILDING AND STRUCTURE							18,168
MACHINERY AND EQUIPMENT							97,956
CONSTRUCTION IN PROGRESS	8,508	8,801	18,582	72,796	110,916	127,634	0
DEFERRED ASSETS	15	30	85	141	256	938	844
(TOTAL ASSETS)	8,830	8,884	18,873	73,385	111,532	131,304	127,051
.. LIABILITIES ..							
CURRENT LIABILITIES	0	0	0	0	0	0	11,736
ACCOUNT PAYABLE							577
SHORT TERM LOAN							11,159
INCOME TAX PAYABLE							0
IMPORT TAX PAYABLE							
LONG TERM DEBTS	5,330	5,384	8,373	41,385	79,532	99,304	94,000
SUPPLIER'S CREDIT	5,304	5,504	8,221	36,986	53,042	53,042	47,738
U.S. DOLLAR LOAN	26	80	152	2,399	26,490	46,262	46,262
(TOTAL LIABILITIES)	5,330	5,384	8,373	41,385	79,532	99,304	105,736
.. EQUITY ..							
CAPITAL STOCK	3,500	3,500	10,500	52,000	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0
RETAINED EARNINGS	3,500	3,500	10,500	32,000	32,000	32,000	21,314
(TOTAL EQUITY)	8,830	8,884	18,873	73,385	111,532	131,304	127,051
(TOTAL LIABILITIES AND EQUITY)	8,830	8,884	18,873	73,385	111,532	131,304	116,473

\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	3	4	5	6	7	8	9	10
<b>** ASSETS **</b>								
<b>CURRENT ASSETS</b>	12,009	11,996	11,995	12,480	16,625	21,758	28,094	35,725
CASH ON HAND AND DEPOSIT	1,249	1,249	1,249	1,249	1,249	1,249	1,249	1,249
TEMPORARY INVESTMENT	0	0	0	491	4,630	9,763	16,099	23,730
ACCOUNTS RECEIVABLE	5,708	5,708	5,708	5,708	5,708	5,708	5,708	5,708
INVENTORIES	5,052	5,038	5,038	5,038	5,038	5,038	5,038	5,038
FINISHED PRODUCTS	( 3,209)	( 3,195)	( 3,195)	( 3,195)	( 3,195)	( 3,195)	( 3,195)	( 3,195)
MATERIALS	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)	( 1,843)
<b>FIXED ASSETS</b>	93,103	81,593	70,082	58,572	47,061	35,551	24,040	12,530
BUILDING AND STRUCTURE	16,915	16,289	15,662	15,036	14,409	13,783	13,156	12,530
MACHINERY AND EQUIPMENT	76,188	65,304	54,420	43,536	32,652	21,768	10,884	0
CONSTRUCTION IN PROGRESS	0	0	0	0	0	0	0	0
<b>DEFERRED ASSETS</b>	657	563	469	375	281	188	94	0
<b>(TOTAL ASSETS)</b>	105,769	94,151	82,546	71,433	63,968	57,496	52,228	48,255
<b>** LIABILITIES **</b>								
<b>CURRENT LIABILITIES</b>	7,621	6,691	4,300	2,387	3,191	3,911	4,680	5,505
ACCOUNT PAYABLE	762	762	762	762	762	762	762	762
SHORT TERM LOAN	6,859	5,929	3,537	0	0	0	0	0
INCOME TAX PAYABLE	0	0	0	1,624	2,429	3,148	3,917	4,743
<b>IMPORT TAX PAYABLE</b>								
LONG TERM DEBTS	83,392	71,479	59,566	47,653	35,739	23,826	11,913	0
SUPPLIER'S CREDIT	37,129	31,825	26,521	21,217	15,913	10,608	5,304	0
U.S. DOLLAR LOAN	46,262	39,654	33,045	26,436	19,827	13,218	6,609	0
<b>(TOTAL LIABILITIES)</b>	91,013	78,170	63,865	50,039	38,931	27,737	16,593	5,505
<b>** EQUITY **</b>								
CAPITAL STOCK	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0	0
RETAINED EARNINGS	-17,244	-16,019	-13,319	-10,607	-6,963	-2,241	3,635	10,750
<b>(TOTAL EQUITY)</b>	14,756	15,981	18,681	21,393	25,037	29,759	35,635	42,750
<b>(TOTAL LIABILITIES AND EQUITY)</b>	105,769	94,151	82,546	71,433	63,968	57,496	52,228	48,255

\*\*\* INTERNAL RATE OF RETURN CALCULATION \*\*\*

	-3RD YEAR		-2ND YEAR		-1ST YEAR		Σ	ROI =
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF		
	1	2	1	2	1	2		
*** CASH PROVIDED ***								
CAPITAL STOCK (A)	3,500	0	7,000	21,500	0	0	0	0
LONG TERM DEBTS (R)	5,330	54	7,988	35,012	38,147	19,773	0	0
SUPPLIER'S CREDIT	(5,304)	( )	(2,917)	(30,765)	(14,056)	( )	( )	( )
U.S. DOLLAR LOAN	(26)	(54)	(71)	(2,247)	(24,091)	(19,773)	( )	( )
(TOTAL)	8,830	54	9,988	54,512	38,147	19,773	0	0

\*\*\* CASH GENERATED \*\*\*

NET INCOME (C)	-10,686	-6,283
DEPRECIATION AND AMORTIZATION (D)	11,604	11,604
INTEREST OF LONG TERM DEBTS (F)	10,778	10,194
SUPPLIER'S CREDIT	(5,689)	(5,105)
U.S. DOLLAR LOAN	(5,089)	(5,089)
(TOTAL)	11,696	15,516
REPAYMENT OF LONG TERM DEBTS (F)	0	0
SUPPLIER'S CREDIT	( )	( )
U.S. DOLLAR LOAN	( )	( )
(TOTAL)	5,304	5,304

\*\*\* RETURN ON INVESTMENT \*\*\*

NET BALANCE (C+D-F)-(A)	-3,500	-7,000	0	-21,500	0	-4,385	18
CUMULATIVE	-3,500	-3,500	-10,500	-32,000	-32,000	-36,385	-36,385
DISCOUNT RATE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000
PRESENT VALUE	-3,500	0	-7,000	-21,500	0	-4,385	18

\*\*\* RETURN ON INVESTMENT AND LOAN \*\*\*

NET BALANCE (C+D+E)-(A+B)	-8,830	-54	-9,988	-54,512	-38,147	-19,773	11,696	15,516
CUMULATIVE	-8,830	-8,884	-18,873	-73,385	-111,532	-131,304	-119,608	-104,092
DISCOUNT RATE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000
PRESENT VALUE	-8,830	-53	-9,388	-49,674	-33,701	-16,935	9,563	11,974

INTERNAL RATE OF RETURN CALCULATION \*\* (UNIT: \$1000) ROE= Z ROI= 6.39%

3 4 5 6 7 8 9 10

\*\*\* CASH PROVIDED \*\*\*

CAPITAL STOCK	(A)	0	0	0	0	0	0	0	0	0	0
LONG TERM DEBTS	(B)	0	0	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	(C)	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	(D)	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
(TOTAL)		0	0	0	0	0	0	0	0	0	0

\*\*\* CASH GENERATED \*\*\*

NET INCOME	(E)	-276	1,225	2,699	2,713	3,644	4,723	5,876	7,114
DEPRECIATION AND AMOTIZATION	(F)	11,604	11,604	11,604	11,604	11,604	11,604	11,604	11,604
INTEREST OF LONG TERM DEBTS	(G)	9,611	8,845	7,535	6,225	4,914	3,604	2,293	983
SUPPLIER'S CREDIT	(H)	(4,522)	(3,938)	(3,355)	(2,771)	(2,188)	(1,605)	(1,021)	(438)
U.S. DOLLAR LOAN	(I)	(5,089)	(4,907)	(4,180)	(3,455)	(2,726)	(1,999)	(1,272)	(545)
(TOTAL)		20,939	21,675	21,839	20,541	20,162	19,931	19,774	19,702

REPAYMENT OF LONG TERM DEBTS (F)

SUPPLIER'S CREDIT	(J)	5,304	11,913	11,913	11,913	11,913	11,913	11,913	11,913
U.S. DOLLAR LOAN	(K)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)
(TOTAL)		( )	(6,609)	(6,609)	(6,609)	(6,609)	(6,609)	(6,609)	(6,609)

\*\*\* RETURN ON INVESTMENT \*\*\*

NET BALANCE CUMULATIVE	(L)	6,024	916	2,391	2,404	3,335	4,414	5,567	6,806
DISCOUNT RATE	(M)	-30,344	-29,427	-27,037	-24,633	-21,298	-16,885	-11,318	-4,512
PRESENT VALUE	(N)	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000

\*\*\* RETURN ON INVESTMENT AND LOAN \*\*\*

NET BALANCE CUMULATIVE	(O)	20,939	21,675	21,839	20,541	20,162	19,931	19,774	19,702
DISCOUNT RATE	(P)	-83,153	-61,478	-39,639	-19,098	1,064	20,995	40,768	60,470
PRESENT VALUE	(Q)	7,232	6,782	6,381	5,980	5,637	5,289	4,980	4,681
(TOTAL)		15,125	14,716	13,936	12,321	11,367	10,561	9,848	9,223



\*\*\* HIERHO-PERU SINTER PROJECT F/S \*\*\*

(UNIT: \$1000)

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

	1	2	3	4	5	6	7	8
(PRODUCTION VOLUME :1000 TON)	1,650	2,000	2,500	2,500	2,500	2,500	2,500	2,500
RAW MATERIALS	19,914	23,118	28,895	28,895	28,895	28,895	28,895	28,895
OPERATING COST	21,678	27,534	24,347	24,347	24,347	24,347	24,347	24,347
MAN POWER	767	767	767	767	767	767	767	767
MAINTENANCE MATERIAL	2,911	2,911	2,911	2,911	2,911	2,911	2,911	2,911
UTILITY	3,866	4,161	5,202	5,202	5,202	5,202	5,202	5,202
FACTORY OVERHEAD	2,550	3,090	3,863	3,863	3,863	3,863	3,863	3,863
DEPRECIATION	11,510	11,510	11,510	11,510	11,510	11,510	11,510	11,510
AMORTIZATION	94	94	94	94	94	94	94	94
COST OF GOODS MANUFACTURED	41,592	45,652	53,242	53,242	53,242	53,242	53,242	53,242
INVENTORY BEGINNING	3,781	3,781	3,449	3,209	3,195	3,195	3,195	3,195
END		3,449	3,209	3,195	3,195	3,195	3,195	3,195
COST OF GOODS SOLD	37,811	45,984	53,482	53,256	53,243	53,242	53,242	53,242

\*\*\* HIEPRO-PERU SINTER PROJECT f/s \*\*\*

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\* (UNIT: \$1000)

	9	10	TOTAL
( PRODUCTION VOLUME : 1000 TON )	2,500	2,500	23,650
RAW MATERIALS	28,895	28,895	274,192
OPERATING COST	24,347	24,347	238,990
MAN POWER	767	767	7,670
MAINTENANCE MATERIAL	2,911	2,911	29,110
UTILITY	5,202	5,202	49,623
FACTORY OVERHEAD	3,863	3,863	36,544
DEPRECIATION	11,510	11,510	115,105
AMORTIZATION	94	94	938
COST OF GOODS MANUFACTURED	53,242	53,242	513,181
INVENTORY			
BEGINNING	3,195	3,195	29,607
END	3,195	3,195	32,801
COST OF GOODS SOLD	53,242	53,242	509,987

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*  
*          80-05-2R  
*  
*      HIERRO-PIPU SINTER PROJECT  
*  
*      SENSITIVITY ANALYSIS CASE (6)  
*      SALES PRICE 10% UP  
*  
*.....*
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\*\* PROJECTED CASH FLOW STATEMENTS (CONSTRUCTION) \*\*

(UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR		TOTAL
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
	0	507	54	207	448	360	
** CASH BALANCE, BEGINNING	0	507	54	207	448	360	0
** CASH PROVIDED BY **							
CAPITAL STOCK	3,500	0	7,000	21,500	0	0	32,000
LONG TERM DEBTS	5,304		2,917	32,762	37,541	18,857	97,380
SUPPLIER S CRDIT	5,304		2,917	30,765	14,056	0	53,042
U.S. DOLLAR LOAN	0	0	0	1,997	23,485	18,857	44,338
TAX PAYABLE	0	0	0	0	0	0	0
INTEREST ON TEMPORARY INVESTMENT	0	0	0	0	0	0	0
(TOTAL)	8,804	0	9,917	54,262	37,541	18,857	129,380
** CASH APPLIED TO **							
FIXED ASSETS ACQUISITION COST	8,362	0	9,404	52,882	34,884	11,932	117,465
BUILDING AND STRUCTURE	656	0	5,167	7,025	4,009	317	17,173
MACHINERY AND EQUIPMENT	7,706	0	4,237	45,857	30,875	11,616	100,291
INTEREST DURING CONSTRUCTION	119	239	304	1,083	2,630	3,871	8,246
SUPPLIER S CREDIT	119	239	304	1,062	2,071	2,387	6,182
U.S. DOLLAR LOAN	0	0	0	21	559	1,484	2,063
PRE-OPERATIONAL EXPENSES	15	15	55	56	115	682	938
INVENTORY BUILDUP	0	0	0	0	0	1,843	1,843
(TOTAL)	8,497	254	9,763	54,021	37,629	18,326	128,491
** NET CASH INCREASE/DECREASE	307	-254	154	241	-88	529	889
** CASH BALANCE, END	307	54	207	448	360	889	889

•• PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) •• (UNIT: \$1000)

	1	2	3	4	5	6	7	8
•• CASH BALANCE, BEGINNING	889	1,033	3,429	19,215	28,538	38,226	49,262	61,773
•• CASH PROVIDED BY ••								
CASH SALES	41,443	55,257	69,071	69,071	69,071	69,071	69,071	69,071
SALES AMOUNT	( 45,210)	( 60,280)	( 75,350)	( 75,350)	( 75,350)	( 75,350)	( 75,350)	( 75,350)
ACCOUNTS RECEIVABLE	( -3,767)	( -5,023)	( -6,279)	( -6,279)	( -6,279)	( -6,279)	( -6,279)	( -6,279)
COLLECTION OF RECEIVABLES		3,767	5,023	6,279	6,279	6,279	6,279	6,279
INTEREST ON TEMPORARY INVESTMENT	100	519	3,084	4,130	5,274	6,577	8,053	9,777
INCREASE IN ACCOUNT PAYABLE	577	63	122	0	0	0	0	0
SHORT TERM LOAN	5,142	0	0	0	0	0	0	0
LONG TERM DEBTS	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
CAPITAL STOCK	0	0	0	0	0	0	0	0
DEPRECIATION & AMORTIZATION	11,432	11,432	11,432	11,432	11,432	11,432	11,432	11,432
(TOTAL)	58,694	71,039	87,153	89,866	90,912	92,036	93,359	94,835

•• CASH APPLIED TO ••

COST OF GOODS SOLD	37,654	45,809	53,308	53,084	53,071	53,070	53,070	53,070
SELLING, GEN. & ADM. INCOME TAX	3,181	4,241	5,302	5,302	5,302	5,302	5,302	5,302
PAYMENT OF TAX PAYABLE	0	0	0	0	0	0	0	0
REPAYMENT OF DEBTS	5,304	10,446	5,304	11,638	11,638	11,638	11,638	11,638
SUPPLIER'S CREDIT	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)
U.S. DOLLAR LOAN	( )	( )	( )	( 6,334)	( 6,334)	( 6,334)	( 6,334)	( 6,334)
SHORT TERM LOAN	( )	( 5,142)	( )	( )	( )	( )	( )	( )
INTEREST	8,645	8,476	7,690	7,070	6,023	4,975	3,928	2,880
SUPPLIER'S CREDIT	( 4,654)	( 4,177)	( 3,700)	( 3,222)	( 2,745)	( 2,268)	( 1,790)	( 1,313)
U.S. DOLLAR LOAN	( 3,990)	( 3,990)	( 3,990)	( 3,848)	( 3,728)	( 3,608)	( 3,488)	( 3,368)
SHORT TERM LOAN	( )	( 309)	( )	( )	( )	( )	( )	( )
INCREASE IN FIXED ASSET	0	0	0	0	0	0	0	0
INCREASE IN INVENTORIES	3,765	-330	-237	-13	-1	0	0	0
(TOTAL)	58,550	68,643	71,366	80,543	81,224	81,019	80,849	80,742
•• NET CASH INCREASE/DECREASE	144	2,395	15,787	9,323	9,688	11,036	12,510	14,094
•• CASH BALANCE, END	1,033	3,429	19,215	28,538	38,226	49,262	61,773	75,867

\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	9	10	TOTAL
** CASH BALANCE, BEGINNING	75,867	91,661	869
** CASH PROVIDED BY **			
CASH SALES	69,071	69,071	69,266
SALES AMOUNT	( 75,350)	( 75,350)	(708,290)
ACCOUNTS RECEIVABLE	( -6,279)	( -6,279)	(-59,024)
COLLECTION OF RECEIVABLES	6,279	6,279	52,745
INTEREST ON TEMPORARY INVESTMENT	9,715	11,577	50,533
INCREASE..ACCOUNT PAYABLE	0	0	762
SHORT TERM LOAN	0	0	5,142
LONG TERM DEBTS	( )	( )	0
SUPPLIER'S CREDIT	( 0)	( 0)	( )
U.S. DOLLAR LOAN	0	0	( )
CAPITAL STOCK	11,432	11,432	114,324
DEPRECIATION & AMORTIZATION	96,497	98,359	872,771
(TOTAL)			

** CASH APPLIED TO **			
COST OF GOODS SOLD	53,070	53,070	508,278
SELLING, GEN. & ADM.	5,302	5,302	49,836
INCOME TAX	8,860	9,944	48,233
PAYMENT OF TAX PAYABLE	0	0	
REPAYMENT OF DEBTS	11,638	11,638	102,522
SUPPLIER'S CREDIT	( 5,304)	( 5,304)	( 53,042)
U.S. DOLLAR LOAN	( 6,334)	( 6,334)	( 44,338)
SHORT TERM LOAN	( 0)	( 0)	( 5,142)
INTEREST	1,833	786	57,306
SUPPLIER'S CREDIT	( 835)	( 358)	( 25,062)
U.S. DOLLAR LOAN	( 998)	( 428)	( 26,936)
SHORT TERM LOAN	( 0)	( 0)	( 509)
INCREASE..FIXED ASSET	0	0	0
INCREASE..INVENTORIES	0	0	3,184
(TOTAL)	80,704	80,740	764,380
** NET CASH INCREASE/DECREASE	15,796	17,619	108,391
** CASH BALANCE, END	91,661	109,280	109,280

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
SALES AMOUNT	45,210	60,280	75,350	75,350	75,350	75,350	75,350	75,350
VOLUME (1000 TON)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
AVERAGE OF UNIT PRICE (\$/TON)	30.14	30.14	30.14	30.14	30.14	30.14	30.14	30.14
COST OF GOODS SOLD	37,654	45,809	53,308	53,084	53,071	53,070	53,070	53,070
SELLING, GEN. & ADM. ADMINISTRATIVE	3,181	4,241	5,302	5,302	5,302	5,302	5,302	5,302
VALUE ADDED TAX	1,175	1,566	1,958	1,958	1,958	1,958	1,958	1,958
MIMPFCO COMMISSION	904	1,206	1,507	1,507	1,507	1,507	1,507	1,507
SHIPPING COST	198	264	330	330	330	330	330	330
INCOME FROM OPERATION	4,375	10,229	16,741	16,964	16,977	16,978	16,976	16,978
INTEREST	8,645	8,476	7,690	7,070	6,923	4,975	3,928	2,880
SUPPLIER S CREDIT	( 4,654)	( 4,177)	( 3,700)	( 3,222)	( 2,745)	( 2,268)	( 1,790)	( 1,313)
U.S. DOLLAR LOAN	( 3,990)	( 3,990)	( 3,990)	( 3,848)	( 3,278)	( 2,708)	( 2,138)	( 1,568)
SHORT TERM LOAN	( 0)	( 509)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
INTEREST ON TEMPORARY INVESTMENT	100	519	1,505	3,084	4,130	5,274	6,577	8,053
NET INCOME BEFORE TAX	-4,170	2,272	10,555	12,978	15,084	17,276	19,627	22,150
(PRE-YEAR LOSS CARRY OVER)	( 0)	( 4,170)	( 1,898)	( 0)	( 0)	( 0)	( 0)	( 0)
(TAXABLE INCOME)	( 0)	( 0)	( 8,657)	( 12,978)	( 15,084)	( 17,276)	( 19,627)	( 22,150)
INCOME TAX	0	0	3,463	5,191	6,034	6,910	7,851	8,860
NET INCOME AFTER TAX	-4,170	2,272	7,092	7,787	9,051	10,366	11,776	13,290
RETAINED EARNINGS	-4,170	-1,898	5,194	12,981	22,032	32,397	44,173	57,664

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	9	10	TOTAL
SALES AMOUNT	75,350	75,550	708,290
VOLUME (1000 TON)	2,500	2,500	23,500
AVERAGE OF UNIT PRICE (\$/TON)	30.14	30.14	30.14
COST OF GOODS SOLD	53,070	53,070	508,278
SELLING, GEN. & ADM. ADMINISTRATIVE	5,302	5,302	49,836
VALUE ADDED TAX	1,958	1,958	18,405
MINPECO COMMISSION	1,507	1,507	14,166
SHIPPING COST	330	330	3,100
INCOME FROM OPERATION:	16,978	16,978	150,175
INTEREST	1,833	786	52,306
SUPPLIER'S CREDIT	( 835)	( 558)	(23,062)
U.S. DOLLAR LOAN	( 998)	( 428)	(26,936)
SHORT TERM LOAN	( 0)	( 0)	( 309)
INTEREST ON TEMPORARY INVESTMENT	9,715	11,577	50,533
NET INCOME BEFORE TAX	24,860	27,769	148,602
(PRE-YEAR LOSS CARRY OVER)	( 0)	( 0)	( 0)
(TAXABLE INCOME)	(24,860)	(27,769)	( 0)
INCOME TAX	9,944	11,108	59,361
NET INCOME AFTER TAX	14,916	16,661	89,041
RETAINED EARNINGS	72,380	89,041	89,041



\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	-1ST YEAR		-2ND YEAR		-1ST YEAR		-2ND YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
** ASSETS **								
CURRENT ASSETS								
CASH ON HAND AND DEPOSIT	307	54	207	448	360	2,732	10,409	13,731
TEMPORARY INVESTMENT	307	53	204	448	360	889	1,033	1,250
ACCOUNTS RECEIVABLE	0	1	1	0	0	0	0	2,178
INVENTORIES	( )	( )	( )	( )	( )	1,843	3,767	5,023
FINISHED PRODUCTS	( )	( )	( )	( )	( )	( )	5,608	5,279
MATERIALS	( )	( )	( )	( )	( )	( )	( )	( )
FIXED ASSETS	8,482	8,720	18,429	72,394	109,907	125,710	114,372	103,033
BUILDING AND STRUCTURE							17,871	17,255
MACHINERY AND EQUIPMENT							96,501	85,779
CONSTRUCTION IN PROGRESS	8,482	8,720	18,429	72,394	109,907	125,710	0	0
DEFERRED ASSETS	15	30	85	141	256	938	844	750
(TOTAL ASSETS)	8,804	8,804	18,721	72,983	110,523	129,380	125,625	117,514
** LIABILITIES **								
CURRENT LIABILITIES	0	0	0	0	0	0	5,719	641
ACCOUNT PAYABLE							577	641
SHORT TERM LOAN							5,142	0
INCOME TAX PAYABLE							0	0
IMPORT TAX PAYABLE	5,304	5,304	8,221	40,983	78,523	97,380	92,076	86,772
LONG TERM DEBTS	5,304	5,304	8,221	38,986	53,042	53,042	47,738	42,434
SUPPLIER'S CREDIT				1,997	25,481	44,338	44,338	44,338
U.S. DOLLAR LOAN								
(TOTAL LIABILITIES)	5,304	5,304	8,221	40,983	78,523	97,380	97,795	87,413
** EQUITY **								
CAPITAL STOCK	3,500	3,500	10,500	32,000	32,000	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	-4,170	-1,898
RETAINED EARNINGS	3,500	3,500	10,500	32,000	32,000	32,000	27,830	30,102
(TOTAL EQUITY)	3,500	3,500	10,500	32,000	32,000	32,000	27,830	30,102
(TOTAL LIABILITIES AND EQUITY)	8,804	8,804	18,721	72,983	110,523	129,380	125,625	117,514

	3	4	5	6	7	8	9	10
** PROJECTED BALANCE SHEET ** (UNIT: \$1000)								
** ASSETS **								
CURRENT ASSETS	30,536	39,845	49,532	60,569	73,079	87,173	102,967	120,586
CASH ON HAND AND DEPOSIT	1,249	1,249	1,249	1,249	1,249	1,249	1,249	1,249
TEMPORARY INVESTMENT	17,966	27,289	36,977	48,013	60,524	74,618	90,412	108,031
ACCOUNTS RECEIVABLE	6,279	6,279	6,279	6,279	6,279	6,279	6,279	6,279
INVENTORIES	5,041	5,027	5,027	5,027	5,027	5,027	5,027	5,027
FINISHED PRODUCTS	( 3,198 )	( 3,185 )	( 3,184 )	( 3,184 )	( 3,184 )	( 3,184 )	( 3,184 )	( 3,184 )
MATERIALS	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )
FIXED ASSETS	91,695	80,356	69,018	57,679	46,340	35,002	23,663	12,325
BUILDING AND STRUCTURE	16,638	16,022	15,406	14,790	14,173	13,557	12,941	12,325
MACHINERY AND EQUIPMENT	75,056	64,334	53,612	42,889	32,167	21,445	10,722	0
CONSTRUCTION IN PROGRESS	0	0	0	0	0	0	0	0
DEFERRED ASSETS	657	563	469	375	281	188	94	0
(TOTAL ASSETS)	122,887	120,764	119,019	118,623	119,701	122,363	126,724	132,911
** LIABILITIES **								
CURRENT LIABILITIES	4,225	5,954	6,796	7,675	8,613	9,623	10,706	11,870
ACCOUNT PAYABLE	762	762	762	762	762	762	762	762
SHORT TERM LOAN	0	0	0	0	0	0	0	0
INCOME TAX PAYABLE	3,463	5,191	6,034	6,910	7,851	8,860	9,944	11,108
IMPORT TAX PAYABLE	81,468	69,829	58,191	46,553	34,915	23,276	11,636	0
LONG TERM DEBTS								
SUPPLIER'S CREDIT	37,129	31,825	26,521	21,217	15,913	10,608	5,304	0
U.S. DOLLAR LOAN	44,338	38,004	31,670	25,336	19,002	12,668	6,334	0
(TOTAL LIABILITIES)	85,693	75,783	64,987	54,226	43,528	32,899	22,345	11,870
** EQUITY **								
CAPITAL STOCK	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0	0
RETAINED EARNINGS	5,194	12,981	22,032	32,397	44,173	57,464	72,360	89,041
(TOTAL EQUITY)	37,194	44,981	54,032	64,397	76,173	89,464	104,380	121,041
(TOTAL LIABILITIES AND EQUITY)	122,887	120,764	119,019	118,623	119,701	122,363	126,724	132,911

\*\*\* CASH PROVIDED \*\*

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
CAPITAL STOCK (A)	3,500	0	7,000	21,500	0	0
LONG TERM DEBTS	5,304	( )	2,917	32,762	37,541	0
SUPPLIER'S CREDIT	( 5,304)	( )	( 2,917)	( 30,765)	( 14,056)	( )
U.S. DOLLAR LOAN	( )	( )	( )	( 1,997)	( 23,485)	( )
(TOTAL)	8,804	0	9,917	54,262	37,541	0

\*\*\* CASH GENERATED \*\*

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
NET INCOME (C)						
DEPRECIATION AND AMOTIZATION (D)						
INTEREST OF LONG TERM DEBTS (F)	( )	( )	( )	( )	( )	( )
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )
(TOTAL)	0	0	0	0	0	0
REPAYMENT OF LONG TERM DEBTS (F)	( )	( )	( )	( )	( )	( )
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )

\*\*\* RETURN ON INVESTMENT \*\*

	-3RD YEAR	-2ND YEAR	-1ST YEAR
	1ST HALF	2ND HALF	1ST HALF
NET BALANCE CUMULATIVE (C+D-F)-(A)	-3,500	-3,500	-32,000
DISCOUNT RATE	1,00000	91524	70169
PRESENT VALUE	-3,500	-16,483	1,101

\*\*\* RETURN ON INVESTMENT AND LOAN \*\*

	-3RD YEAR	-2ND YEAR	-1ST YEAR
	1ST HALF	2ND HALF	1ST HALF
NET BALANCE CUMULATIVE (C+D+F)-(A+R)	-8,804	-8,804	-37,541
DISCOUNT RATE	1,00000	94511	79785
PRESENT VALUE	-8,804	-65,807	11,021

	3	4	5	6	7	8	9	10
** CASH PROVIDED **								
CAPITAL STOCK	(A)	0	0	0	0	0	0	0
LONG TERM DEBTS	(R)	( )	( )	( )	( )	( )	( )	( )
SUPPLIER'S CREDIT	( )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
U.S. DOLLAR LOAN	( )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )	( 0 )
(TOTAL)		0	0	0	0	0	0	0

** CASH GENERATED **								
NET INCOME	(C)	7,092	7,787	10,366	11,776	13,290	14,916	16,661
DEPRECIATION AND AMORTIZATION	(D)	11,432	11,432	11,432	11,432	11,432	11,432	11,432
INTEREST OF LONG TERM DEBTS	(F)	7,690	7,070	6,023	4,975	3,928	2,880	1,833
SUPPLIER'S CREDIT	( )	( 3,700 )	( 3,222 )	( 2,745 )	( 2,268 )	( 1,790 )	( 1,313 )	( 835 )
U.S. DOLLAR LOAN	( )	( 3,990 )	( 3,848 )	( 3,278 )	( 2,708 )	( 2,138 )	( 1,568 )	( 998 )
(TOTAL)		26,215	26,289	26,773	27,136	27,603	28,181	28,879

REPAYMENT OF LONG TERM DEBTS	(F)	5,304	11,638	11,638	11,638	11,638	11,638	11,638
SUPPLIER'S CREDIT	( )	( 5,304 )	( 5,304 )	( 5,304 )	( 5,304 )	( 5,304 )	( 5,304 )	( 5,304 )
U.S. DOLLAR LOAN	( )	( 0 )	( 6,334 )	( 6,334 )	( 6,334 )	( 6,334 )	( 6,334 )	( 6,334 )
** RETURN ON INVESTMENT **								
NET BALANCE CUMULATIVE	(C+D-F)-(A)	13,221	7,581	10,160	11,570	13,084	14,710	16,456
		-8,421	-860	18,164	29,734	42,819	57,529	73,984
DISCOUNT RATE		.39458	.33053	.23193	.19428	.16274	.13632	.11420
PRESENT VALUE		5,217	2,506	2,356	2,248	2,129	2,005	1,879

** RETURN ON INVESTMENT AND LOAN **								
NET BALANCE CUMULATIVE	(C+D+E)-(A+R)	26,215	26,289	26,773	27,136	27,603	28,181	28,879
		-65,387	-39,097	14,182	41,318	68,921	97,103	125,982
DISCOUNT RATE		.53277	.69375	.89394	.95188	.91431	.88075	.85077
PRESENT VALUE		14,491	12,980	10,547	9,549	8,676	7,912	7,242

\*\*\* HIERRO-PEHU SIMPLE PROJECT F/S \*\*\*

(UNIT: \$1000)

\*\* DFTAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

	1	2	3	4	5	6	7	8
(PRODUCTION VOLUME :1000 TON)	1,650	2,000	2,500	2,500	2,500	2,500	2,500	2,500
RAW MATERIALS	19,914	23,118	28,895	28,895	28,895	28,895	28,895	28,895
OPERATING COST	21,506	22,362	24,175	24,175	24,175	24,175	24,175	24,175
MAN POWER	767	767	767	767	767	767	767	767
MAINTENANCE MATERIAL	2,911	2,911	2,911	2,911	2,911	2,911	2,911	2,911
UTILITY	3,846	4,161	5,202	5,202	5,202	5,202	5,202	5,202
FACTORY OVERHEAD	2,550	3,090	3,863	3,863	3,863	3,863	3,863	3,863
DEPRECIATION	11,339	11,339	11,339	11,339	11,339	11,339	11,339	11,339
AMORTIZATION	94	94	94	94	94	94	94	94
COST OF GOODS MANUFACTURED	41,420	45,480	53,070	53,070	53,070	53,070	53,070	53,070
INVENTORY								
BEGINNING	3,765	3,765	3,436	3,198	3,185	3,184	3,184	3,184
END		3,436	3,198	3,185	3,184	3,184	3,184	3,184
COST OF GOODS SOLD	37,654	45,809	53,308	53,084	53,071	53,070	53,070	53,070

\*\*\* HIERRO-PLRU SINTER PROJECT F/S \*\*\*  
 \*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*  
 (UNIT: \$1000)

	9	10	TOTAL
(PRODUCTION VOLUME :1000 TON)	2,500	2,500	23,650
RAW MATERIALS	28,895	28,895	274,192
OPERATING COST	24,175	24,175	237,271
MAN POWER	767	767	7,670
MAINTENANCE MATERIAL	2,911	2,911	29,110
UTILITY	5,202	5,202	49,623
FACTORY OVERHEAD	3,863	3,863	36,566
DEPRECIATION	11,339	11,339	113,386
AMORTIZATION	96	96	938
COST OF GOODS MANUFACTURED	53,070	53,070	511,462
INVENTORY			
BEGINNING	3,184	3,184	29,506
END	3,184	3,184	37,690
COST OF GOODS SOLD	53,070	53,070	508,278

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\*  
\* 80-05-2R \*  
\*  
\* HIERRU-PERU STATE PROJECT \*  
\*  
\* SENSITIVITY ANALYSIS CASE (7) \*  
\* SALES PRICE 10% DOWN \*  
\*  
\*.....

\*\* PROJECTED CASH FLOW STATEMENTS (CONSTRUCTION) \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR		TOTAL
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF	
	0	307	54	207	448	360	
** CASH BALANCE, BEGINNING							0
** CASH PROVIDED BY **							
CAPITAL STOCK	3,500	0	7,000	21,500	0	0	32,000
LONG TERM DEBTS	5,304		2,917	32,762	37,541	18,857	97,360
SUPPLIER S CREDIT	5,304	0	2,917	30,765	14,056	0	53,042
U.S. DOLLAR LOAN	0	0	0	1,997	23,485	18,857	44,336
TAX PAYABLE	0	0	0	0	0	0	0
INTEREST ON TEMPORARY INVESTMENT	0	0	0	0	0	0	0
(TOTAL)	8,804	0	9,917	54,262	37,541	18,857	129,380
** CASH APPLIED TO **							
FIXED ASSETS ACQUISITION COST	8,362	0	9,404	52,882	34,884	11,932	117,465
BUILDING AND STRUCTURE	656	0	5,167	7,025	4,009	317	17,173
MACHINERY AND EQUIPMENT	7,706	0	4,237	45,857	30,875	11,616	100,291
INTEREST DURING CONSTRUCTION	119	239	304	1,083	2,630	3,871	8,246
SUPPLIER S CREDIT	119	239	304	1,062	2,071	2,387	6,182
U.S. DOLLAR LOAN	0	0	0	21	559	1,484	2,063
PRE-OPERATIONAL EXPENSES	15	15	55	56	115	682	938
INVENTORY BUILDUP	0	0	0	0	0	1,843	1,843
(TOTAL)	8,497	254	9,763	54,021	37,629	18,328	128,491
** NET CASH INCREASE/DECREASE	307	-254	154	241	-88	529	889
** CASH BALANCE, END	307	54	207	448	360	889	889



\*\* PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
** CASH BALANCE, BEGINNING	889	1,033	1,250	1,249	1,249	1,249	1,249	1,249
** CASH PROVIDED BY **								
CASH SALES	33,908	45,210	56,513	56,513	56,513	56,513	56,513	56,513
SALES AMOUNT	( 36,990)	( 49,320)	( 61,650)	( 61,650)	( 61,650)	( 61,650)	( 61,650)	( 61,650)
ACCOUNTS RECEIVABLE	( -3,082)	( -6,110)	( -5,137)	( -5,137)	( -5,137)	( -5,137)	( -5,137)	( -5,137)
COLLECTION OF RECEIVABLES		3,082	4,110	5,137	5,137	5,137	5,137	5,137
INTEREST ON TEMPORARY INVESTMENT	0	0	0	0	0	0	0	0
INCREASE..ACCOUNT PAYABLE	577	63	122	0	0	0	0	0
SHORT TERM LOAN	17,781	4,507	747	5,208	4,754	4,246	3,676	3,059
LONG TERM DEBTS	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
CAPITAL STOCK	0	0	0	0	0	0	0	0
DEPRECIATION & AMORTIZATION	11,432	11,432	11,432	11,432	11,432	11,432	11,432	11,432
(TOTAL)	58,698	64,295	72,424	78,290	77,837	77,328	76,754	76,121

\*\* CASH APPLIED TO \*\*

COST OF GOODS SOLD	37,654	45,609	53,308	53,084	53,071	53,070	53,070	53,070
SELLING, GEN. & ADM.	2,852	3,803	4,754	4,754	4,754	4,754	4,754	4,754
INCOME TAX	0	0	0	0	0	0	0	0
PAYMENT OF TAX PAYABLE	0	0	0	0	0	0	0	0
REPAYMENT OF DEBTS	5,304	5,304	5,304	11,638	11,638	11,638	11,638	11,638
SUPPLIER'S CREDIT	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)	( 5,304)
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 6,334)	( 6,334)	( 6,334)	( 6,334)	( 6,334)
SHORT TERM LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)
INTEREST	8,977	9,492	9,297	8,828	8,374	7,866	7,296	6,659
SUPPLIER'S CREDIT	( 4,654)	( 4,177)	( 3,700)	( 3,222)	( 2,745)	( 2,268)	( 1,790)	( 1,313)
U.S. DOLLAR LOAN	( 3,990)	( 3,990)	( 3,990)	( 3,848)	( 3,778)	( 3,706)	( 3,634)	( 3,568)
SHORT TERM LOAN	( 332)	( 1,324)	( 1,607)	( 1,758)	( 2,351)	( 2,890)	( 3,368)	( 3,778)
INCREASE..FIXED ASSET	0	0	0	0	0	0	0	0
INCREASE..INVENTORIES	3,765	-330	-237	-13	-1	0	0	0
(TOTAL)	58,553	64,079	72,425	78,290	77,837	77,328	76,754	76,121
** NET CASH INCREASE/DECREASE	144	217	-1	0	0	0	0	0
** CASH BALANCE, END	1,033	1,250	1,249	1,249	1,249	1,249	1,249	1,249

PROJECTED CASH FLOW STATEMENTS (OPERATING PERIOD) \*\* (UNIT: \$1000)

	9	10	TOTAL				
** CASH BALANCE, BEGINNING	1,249	1,249	889				
** CASH PROVIDED BY **							
CASH SALES	56,513	56,513	531,218				
SALES AMOUNT	( 61,650)	( 61,650)	(579,510)	( )	( )	( )	( )
ACCOUNTS RECEIVABLE	( -5,137)	( -5,137)	(-48,292)	( )	( )	( )	( )
COLLECTION OF RECEIVABLES	5,137	5,137	43,155				
INTEREST ON TEMPORARY INVESTMENT	0	0	0				
INCREASE..ACCOUNT PAYABLE	0	0	762				
SHORT TERM LOAN	2,324	1,525	42,307				
LONG TERM DEBTS	0	0	0				
SUPPLIER S CREDIT	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( )	( )	( )	( )
CAPITAL STOCK	0	0	0				
DEPRECIATION & AMORTIZATION	13,632	11,432	114,324				
( TOTAL )	75,607	74,607	731,766				
** CASH APPLIED TO **							
COST OF GOODS SOLD	53,070	53,070	508,278				
SELLING, GEN. & ADM.	4,754	4,754	44,685				
INCOME TAX	0	0	0				
PAYMENT OF TAX PAYABLE	0	0	0				
REPAYMENT OF DEBTS	11,638	11,638	97,380				
SUPPLIER S CREDIT	( 5,304)	( 5,304)	( 53,042)	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 6,334)	( 6,334)	( 44,338)	( )	( )	( )	( )
SHORT TERM LOAN	( 0)	( 0)	( 0)	( )	( )	( )	( )
INTEREST	5,944	5,145	77,877				
SUPPLIER S CREDIT	( 835)	( 358)	( 25,062)	( )	( )	( )	( )
U.S. DOLLAR LOAN	( 998)	( 428)	( 26,936)	( )	( )	( )	( )
SHORT TERM LOAN	( 4,111)	( 4,359)	( 25,880)	( )	( )	( )	( )
INCREASE..FIXED ASSET	0	0	0				
INCREASE..INVENTORIES	0	0	3,184				
( TOTAL )	75,407	74,607	731,405				
** NET CASH INCREASE/DECREASE	0	0	360				
** CASH BALANCE, END	1,249	1,249	1,249				

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	1	2	3	4	5	6	7	8
SALES AMOUNT	36,990	49,320	61,650	61,650	61,650	61,650	61,650	61,650
VOLUME (1000 TON)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
AVERAGE OF UNIT PRICE (\$/TON)	24,66	24,66	24,66	24,66	24,66	24,66	24,66	24,66
COST OF GOODS SOLD	37,654	45,809	53,308	53,084	53,071	53,070	53,070	53,070
SELLING, GEN. & ADM. ADMINISTRATIVE	2,852	3,803	4,754	4,754	4,754	4,754	4,754	4,754
VALUE ADDED TAX	1,175	1,566	1,958	1,958	1,958	1,958	1,958	1,958
MINPECO COMMISSION	740	986	1,233	1,233	1,233	1,233	1,233	1,233
SHIPPING COST	740	986	1,233	1,233	1,233	1,233	1,233	1,233
	198	264	330	330	330	330	330	330
INCOME FROM OPERATION	-3,517	-292	3,589	3,812	3,825	3,826	3,826	3,826
INTEREST	8,977	9,692	9,297	8,828	8,374	7,866	7,296	6,659
SUPPLIER'S CREDIT	(4,654)	(4,177)	(3,700)	(3,222)	(2,745)	(2,268)	(1,790)	(1,313)
U.S. DOLLAR LOAN	(3,990)	(3,990)	(3,990)	(3,848)	(3,278)	(2,708)	(2,138)	(1,568)
SHORT TERM LOAN	(332)	(1,324)	(1,607)	(1,758)	(2,351)	(2,890)	(3,368)	(3,778)
INTEREST ON TEMPORARY INVESTMENT	0	0	0	0	0	0	0	0
NET INCOME BEFORE TAX	-12,494	-9,784	-5,708	-5,016	-4,549	-4,040	-3,471	-2,833
(PRE-YEAR LOSS CARRY OVER) (TAXABLE INCOME)	(0)	(12,494)	(22,278)	(27,986)	(20,508)	(15,273)	(13,605)	(12,059)
INCOME TAX	0	0	0	0	0	0	0	0
NET INCOME AFTER TAX	-12,494	-9,784	-5,708	-5,016	-4,549	-4,040	-3,471	-2,833
RETAINED EARNINGS	-12,494	-22,278	-27,986	-33,001	-37,550	-41,590	-45,061	-47,894

\*\* PROJECTED INCOME STATEMENTS \*\* (UNIT: \$1000)

	9	10	TOTAL
SALES AMOUNT	61,650	61,650	579,510
VOLUME (1000 TON)	2,500	2,500	23,500
AVERAGE OF UNIT PRICE (\$/TON)	24,66	24,66	24,66
COST OF GOODS SOLD	53,070	53,070	508,278
SELLING, GEN. & ADM. ADMINISTRATIVE	4,754	4,754	44,685
VALUE ADDED TAX	1,958	1,958	18,405
MINPECO COMMISSION	1,233	1,233	11,590
SHIPPING COST	330	330	3,100
INCOME FROM OPERATION	3,826	3,826	26,547
INTEREST	5,944	5,145	77,877
SUPPLIER'S CREDIT	( 815)	( 558)	(25,062)
U.S. DOLLAR LOAN	( 998)	( 428)	(26,936)
SHORT TERM LOAN	( 4,111)	( 4,359)	(25,680)
INTEREST ON TEMPORARY INVESTMENT	0	0	0
NET INCOME BEFORE TAX	-2,119	-1,319	-51,331
(PRE-YEAR LOSS CARRY OVER)	(10,343)	( 8,422)	( 0)
(TAXABLE INCOME)	( 0)	( 0)	( 0)
INCOME TAX	0	0	0
NET INCOME AFTER TAX	-2,119	-1,319	-51,331
RETAINED EARNINGS	-50,012	-51,331	-51,331

\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	-3RD YEAR		-2ND YEAR		-1ST YEAR	
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF
** ASSETS **						
CURRENT ASSETS						
CASH ON HAND AND DEPOSIT	307	54	207	448	360	2,732
TEMPORARY INVESTMENT						
ACCOUNTS RECEIVABLE	307	53	206	448	360	889
INVENTORIES	0	1	1	0	0	0
FINISHED PRODUCTS	( )	( )	( )	( )	( )	1,843
MATERIALS	( )	( )	( )	( )	( )	( )
FIXED ASSETS						
BUILDING AND STRUCTURE	8,482	8,720	18,429	72,394	109,907	125,710
MACHINERY AND EQUIPMENT						
CONSTRUCTION IN PROGRESS	8,482	8,720	18,429	72,394	109,907	125,710
DEFERRED ASSETS	15	30	85	141	256	938
(TOTAL ASSETS)	8,804	8,804	18,721	72,983	110,523	129,380
** LIABILITIES **						
CURRENT LIABILITIES						
ACCOUNT PAYABLE	0	0	0	0	0	0
SHORT TERM LOAN						
INCOME TAX PAYABLE						
IMPORT TAX PAYABLE						
LONG TERM DEBTS	5,304	5,304	8,221	40,983	78,523	97,380
SUPPLIER S CREDIT	5,304	5,304	8,221	38,986	53,042	53,042
U.S. DOLLAR LOAN				1,997	25,481	44,338
(TOTAL LIABILITIES)	5,304	5,304	8,221	40,983	78,523	97,380
** EQUITY **						
CAPITAL STOCK	3,500	3,500	10,500	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0
RETAINED EARNINGS	0	0	0	0	0	-12,494
(TOTAL EQUITY)	3,500	3,500	10,500	32,000	32,000	32,000
(TOTAL LIABILITIES AND EQUITY)	8,804	8,804	18,721	72,983	110,523	129,380

\*\* PROJECTED BALANCE SHEET \*\* (UNIT: \$1000)

	3	4	5	6	7	8	9	10
<b>** ASSETS **</b>								
<b>CURRENT ASSETS</b>								
CASH ON HAND AND DEPOSIT	11,428	11,415	11,414	11,414	11,414	11,414	11,414	11,414
TEMPORARY INVESTMENT	1,249	1,249	1,249	1,249	1,249	1,249	1,249	1,249
ACCOUNTS RECEIVABLE	0	0	0	0	0	0	0	0
INVENTORIES	5,137	5,137	5,137	5,137	5,137	5,137	5,137	5,137
FINISHED PRODUCTS	5,041	5,028	5,027	5,027	5,027	5,027	5,027	5,027
MATERIALS	( 3,198 )	( 3,185 )	( 3,184 )	( 3,184 )	( 3,184 )	( 3,184 )	( 3,184 )	( 3,184 )
	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )	( 1,843 )
<b>FIXED ASSETS</b>								
BUILDING AND STRUCTURE	91,695	80,556	69,018	57,679	46,340	35,002	23,663	12,325
MACHINERY AND EQUIPMENT	16,638	16,022	15,406	14,790	14,173	13,557	12,941	12,325
CONSTRUCTION IN PROGRESS	75,056	64,534	53,612	42,889	32,167	21,445	10,722	0
	0	0	0	0	0	0	0	0
<b>DEFERRED ASSETS</b>								
	657	563	469	375	281	188	94	0
<b>(TOTAL ASSETS)</b>	<b>103,779</b>	<b>92,334</b>	<b>80,900</b>	<b>69,468</b>	<b>58,036</b>	<b>46,603</b>	<b>35,171</b>	<b>23,759</b>
<b>** LIABILITIES **</b>								
<b>CURRENT LIABILITIES</b>								
ACCOUNT PAYABLE	18,297	23,505	28,260	32,505	36,182	39,220	41,545	43,070
SHORT TERM LOAN	762	762	762	762	762	762	762	762
INCOME TAX PAYABLE	17,535	22,743	27,497	31,743	35,419	38,458	40,783	42,307
	0	0	0	0	0	0	0	0
<b>IMPORT TAX PAYABLE</b>								
LONG TERM DEBTS	81,468	69,829	58,191	46,553	34,915	23,276	11,638	0
SUPPLIER'S CREDIT	37,129	31,825	26,521	21,217	15,913	10,608	5,304	0
U.S. DOLLAR LOAN	44,338	38,004	31,670	25,336	19,002	12,668	6,334	0
<b>(TOTAL LIABILITIES)</b>	<b>99,765</b>	<b>93,535</b>	<b>86,451</b>	<b>79,058</b>	<b>71,097</b>	<b>62,497</b>	<b>53,185</b>	<b>43,070</b>
<b>** EQUITY **</b>								
CAPITAL STOCK	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
ALLOWANCE OF DIVIDEND	0	0	0	0	0	0	0	0
RETAINED EARNINGS	-27,986	-33,001	-37,550	-41,590	-45,061	-47,894	-50,012	-51,331
	4,014	-1,001	-5,550	-9,590	-13,061	-15,894	-18,012	-19,331
<b>(TOTAL EQUITY)</b>	<b>8,014</b>	<b>-1,001</b>	<b>-5,550</b>	<b>-9,590</b>	<b>-13,061</b>	<b>-15,894</b>	<b>-18,012</b>	<b>-19,331</b>
<b>(TOTAL LIABILITIES AND EQUITY)</b>	<b>103,779</b>	<b>92,334</b>	<b>80,900</b>	<b>69,468</b>	<b>58,036</b>	<b>46,603</b>	<b>35,171</b>	<b>23,759</b>

(UNIT: \$1000) ROE= Z ROI= Z

•• CASH PROVIDED ••

	-3RD YEAR		-2ND YEAR		-1ST YEAR		1	2
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF		
	(A)	3,500	0	7,000	21,500	0		
LONG TERM DEBITS	5,304	( )	2,917	32,762	37,541	18,857	0	0
SUPPLIER'S CREDIT	( 5,304)	( )	( 2,917)	(30,765)	(14,056)	( )	( )	( )
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 1,997)	(23,485)	(18,857)	( 0)	( 0)
(TOTAL)	8,804	0	9,917	54,262	37,541	18,857	0	0

•• CASH GENERATED ••

	-3RD YEAR		-2ND YEAR		-1ST YEAR		1	2
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF		
NET INCOME	( )	( )	( )	( )	( )	( )		
DEPRECIATION AND AMOTIZATION (D)	( )	( )	( )	( )	( )	( )	11,432	11,432
INTEREST OF LONG TERM DEBTS (F)	( )	( )	( )	( )	( )	( )	8,645	8,168
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	(4,654)	(4,177)
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )	(3,990)	(3,990)
(TOTAL)	0	0	0	0	0	0	7,584	9,816
REPAYMENT OF LONG TERM DEBTS (F)	0	0	0	0	0	0	5,304	5,304
SUPPLIER'S CREDIT	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	(5,304)	(5,304)
U.S. DOLLAR LOAN	( 0)	( 0)	( 0)	( 0)	( 0)	( 0)	( )	( )

•• RETURN ON INVESTMENT ••

	-3RD YEAR		-2ND YEAR		-1ST YEAR		1	2
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF		
NET BALANCE CUMULATIVE	-3,500	0	-7,000	-21,500	0	0		
DISCOUNT RATE	-3,500	-3,500	-10,500	-32,000	-32,000	-32,000	-58,365	-42,021
PRESENT VALUE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000

•• RETURN ON INVESTMENT AND LOAN ••

	-3RD YEAR		-2ND YEAR		-1ST YEAR		1	2
	1ST HALF	2ND HALF	1ST HALF	2ND HALF	1ST HALF	2ND HALF		
NET BALANCE CUMULATIVE	-8,804	0	-9,917	-54,262	-37,541	-18,857		
DISCOUNT RATE	-8,804	-8,804	-18,721	-72,983	-110,523	-129,380	-121,797	-111,981
PRESENT VALUE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000

INTERNAL RATE OF RETURN CALCULATION \*\* (UNIT: \$1000)

	3	4	5	6	7	8	9	10
** CASH PROVIDED **								
CAPITAL STOCK (A)	0	0	0	0	0	0	0	0
LONG TERM DEBTS (B)	0	0	0	0	0	0	0	0
SUPPLIER'S CREDIT	( )	( )	( )	( )	( )	( )	( )	( )
U.S. DOLLAR LOAN	( )	( )	( )	( )	( )	( )	( )	( )
(TOTAL)	0	0	0	0	0	0	0	0

\*\* CASH GENERATED \*\*

NET INCOME (C)	-5,708	-5,016	-4,549	-4,040	-3,471	-2,833	-2,119	-1,519
DEPRECIATION AND AMOTIZATION (D)	11,432	11,432	11,432	11,432	11,432	11,432	11,432	11,432
INTEREST OF LONG TERM DEBTS (E)	7,690	7,070	6,023	4,975	3,928	2,880	1,833	786
SUPPLIER'S CREDIT	(3,700)	(3,222)	(2,745)	(2,268)	(1,790)	(1,313)	(835)	(358)
U.S. DOLLAR LOAN	(3,990)	(3,848)	(3,728)	(2,708)	(2,138)	(1,568)	(998)	(428)
(TOTAL)	13,414	13,487	12,906	12,368	11,890	11,480	11,147	10,899
REPAYMENT OF LONG TERM DEBTS (F)	5,304	11,638	11,638	11,638	11,638	11,638	11,638	11,638
SUPPLIER'S CREDIT	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)	(5,304)
U.S. DOLLAR LOAN	( )	(6,334)	(6,334)	(6,334)	(6,334)	(6,334)	(6,334)	(6,334)

\*\* RETURN ON INVESTMENT \*\*

NET BALANCE CUMULATIVE (C+D-F)-(A)	420	-5,221	-4,755	-4,246	-3,676	-3,039	-2,324	-1,525
DISCOUNT RATE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000
PRESENT VALUE	420	-5,221	-4,755	-4,246	-3,676	-3,039	-2,324	-1,525

\*\* RETURN ON INVESTMENT AND LOAN \*\*

NET BALANCE CUMULATIVE (C+D+E)-(A+B)	13,414	13,487	12,906	12,368	11,890	11,480	11,147	10,899
DISCOUNT RATE	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000
PRESENT VALUE	13,414	13,487	12,906	12,368	11,890	11,480	11,147	10,899



\*\*\* HIERRRO-PERU SINTER PROJECT F/S \*\*\*

\*\* DETAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

(UNIT: \$1000)

	1	2	3	4	5	6	7	8
( PRODUCTION VOLUME : 1000 TON )	1,650	2,000	2,500	2,500	2,500	2,500	2,500	2,500
RAW MATERIALS	19,914	23,118	28,895	28,895	28,895	28,895	28,895	28,895
OPERATING COST	21,506	22,362	24,175	24,175	24,175	24,175	24,175	24,175
MAN POWER	267	267	267	267	267	267	267	267
MAINTENANCE MATERIAL	2,911	2,911	2,911	2,911	2,911	2,911	2,911	2,911
UTILITY	3,846	4,161	5,202	5,202	5,202	5,202	5,202	5,202
FACTORY OVERHEAD	2,550	3,090	3,863	3,863	3,863	3,863	3,863	3,863
DEPRECIATION	11,339	11,339	11,339	11,339	11,339	11,339	11,339	11,339
AMORTIZATION	94	94	94	94	94	94	94	94
COST OF GOODS MANUFACTURED	41,420	45,480	53,070	53,070	53,070	53,070	53,070	53,070
INVENTORY								
BEGINNING	3,765	3,765	3,436	3,198	3,185	3,184	3,184	3,184
END		3,436	3,198	3,185	3,184	3,184	3,184	3,184
COST OF GOODS SOLD	37,654	45,809	53,308	53,084	53,071	53,070	53,070	53,070

\*\*\* HIERRO-PERU SINTEP PROJECT F/S \*\*\*

\*\* DFTAIL OF COST GOODS MANUFACTURED AND SOLD \*\*

(UNIT: \$1000)

	9	10	TOTAL
( PRODUCTION VOLUME :1000 TON)	2,500	2,500	23,650
RAW MATERIALS	28,895	28,895	274,192
OPERATING COST	24,175	24,175	237,271
MAN POWER	767	767	7,670
MAINTENANCE MATERIAL	2,911	2,911	29,110
UTILITY	5,202	5,202	49,623
FACTORY OVERHEAD	3,863	3,863	36,544
DEPRECIATION	11,339	11,339	113,386
AMORTIZATION	94	94	938
COST OF GOODS MANUFACTURED	53,070	53,070	511,462
INVENTORY			
BEGINNING	3,184	3,184	29,506
END	3,184	3,184	32,690
COST OF GOODS SOLD	53,070	53,070	508,278

## 添付資料-D サンニコラスの気象データ



添付資料-D サンニコラスの気象データ

1976

MONTH	WIND DIRECTION	WIND SPEED	TEMPERATURE		RELATIVE HUMIDITY	DEW POINT	ATMOSPHERIC PRESSURE	SEA WATER TEMPERATURE
			WET BULB	DRY BULB				
JANUARY	155° - 180°	10 KNOT - 18 KNOT	19.5°C	25.5°C	54 %	19.0°C - 24.2°C	1013.5	16.8°C
FEBRUARY	140° - 190°	6 - 24	20.0	26.5	58	18.0 - 24.8	1014.0	16.7
MARCH	160° - 175°	10 - 26	21.0	26.8	58	19.2 - 26.0	1013.5	16.0
APRIL	170° - 180°	15 - 25	19.0	24.0	62	18.0 - 23.0	1012.0	15.5
MAY	165° - 175°	8 - 23	15.0	22.8	54	14.5 - 21.4	1015.2	15.1
JUNE	160° - 190°	9 - 18	14.5	21.5	51	14.0 - 21.0	1013.8	14.8
JULY	170° - 178°	12 - 30	16.0	19.0	74	15.2 - 19.0	1014.7	14.2
AUGUST	165° - 190°	15 - 27	15.8	18.0	70	15.0 - 18.0	1016.2	13.5
SEPTEMBER	170° - 185°	12 - 24	15.5	18.0	74	15.0 - 17.5	1014.8	13.4
OCTOBER	155° - 170°	10 - 22	16.5	19.5	74	16.2 - 18.8	1015.0	13.0
NOVEMBER	180° - 185°	15 - 22	17.5	18.5	91	17.2 - 18.0	1016.1	13.8
DECEMBER	175° - 185°	9 - 15	19.0	22.0	83	18.6 - 21.5	1014.6	14.5

MAXIMUM INSTANTANEOUS WIND SPEED: 55 KNOT

NO RAINFALL, NO EARTHQUAKE AT THIS AREA

HIGHEST TIDE 1.06 m, LOWEST TIDE -0.15 m, MAXIMUM TIDE RANGE 1.21 m,

MEAN HIGHER HIGH WATER: 0.88 m

MEAN LOWER LOW WATER : - 0.09 m

MEAN HIGH WATER : 0.73 m

MEAN LOW WATER : 0.12 m

1977

MONTH	WIND DIRECTION	WIND SPEED	TEMPERATURE		RELATIVE HUMIDITY	DEW POINT	ATMOSPHERIC PRESSURE	SEA WATER TEMPERATURE
			WET BULB	DRY BULB				
JANUARY	140° - 160°	12 KNOT - 18 KNOT	22.0°C	26.5°C	77 %	21.2°C - 26.0°C	1013.2	15.8°C
FEBRUARY	150° - 170°	18 - 35	23.0	27.0	77	22.8 - 26.5	1013.6	16.0
MARCH	170° - 180°	20 - 30	19.5	24.5	68	19.2 - 23.8	1014.0	16.2
APRIL	155° - 170°	12 - 22	21.0	23.0	84	20.2 - 22.5	1015.0	15.1
MAY	168° - 179°	8 - 23	19.0	21.5	82	18.8 - 21.0	1013.8	14.8
JUNE	148° - 170°	15 - 35	18.0	21.0	76	17.6 - 20.2	1014.1	14.4
JULY	160° - 180°	9 - 25	17.8	21.0	67	17.0 - 20.0	1013.8	13.5
AUGUST	175° - 185°	16 - 28	17.0	20.0	74	16.8 - 18.8	1013.9	13.5
SEPTEMBER	178° - 190°	10 - 19	15.8	18.5	75	15.2 - 18.4	1016.2	13.4
OCTOBER	150° - 175°	15 - 28	15.2	18.0	73	15.0 - 17.8	1014.7	14.2
NOVEMBER	146° - 165°	16 - 25	16.0	19.0	74	15.7 - 18.8	1014.4	14.0
DECEMBER	160° - 180°	15 - 28	15.0	18.5	69	14.6 - 18.0	1015.2	15.1

MAXIMUM INSTANTANEOUS WIND SPEED: 55 KNOT

NO RAINFALL, NO EARTHQUAKE AT THIS AREA

HIGHEST TIDE 1.06 m, LOWEST TIDE -0.15 m, MAXIMUM TIDE RANGE 1.21 m,

MEAN HIGHER HIGH WATER: 0.88 m

MEAN LOWER LOW WATER : -0.09 m

MEAN HIGH WATER : 0.73 m

MEAN LOW WATER : 0.12 m

1978

MONTH	WIND DIRECTION	WIND SPEED	TEMPERATURE		RELATIVE HUMIDITY	DEW POINT	ATMOSPHERIC PRESSURE	SEA WATER TEMPERATURE
			WET BULB	DRY BULB				
JANUARY	170° - 185°	15 KNOT - 35 KNOT	19.0°C	23.5°C	72 %	18.6°C - 23.2°C	1013.8	16.5°C
FEBRUARY	175° - 180°	16 - 30	20.0	23.0	76	19.7 - 22.6	1012.5	16.6
MARCH	130° - 170°	18 - 32	19.0	23.5	65	18.2 - 23.0	1011.8	16.2
APRIL	145° - 165°	16 - 38	20.0	24.5	66	18.4 - 23.7	1013.1	15.8
MAY	155° - 195°	15 - 30	17.0	22.0	61	16.8 - 21.7	1013.6	15.0
JUNE	140° - 180°	16 - 28	18.5	21.5	75	18.2 - 21.5	1011.7	15.1
JULY	175° - 195°	15 - 20	15.5	18.5	73	15.0 - 18.2	1010.3	14.7
AUGUST	160° - 195°	15 - 38	16.5	17.5	90	16.1 - 17.0	1010.2	14.5
SEPTEMBER	150° - 185°	16 - 32	15.5	17.0	85	15.2 - 16.8	1012.6	13.8
OCTOBER	165° - 175°	10 - 20	16.0	18.0	80	15.8 - 17.6	1013.5	14.0
NOVEMBER	160° - 190°	18 - 35	19.0	22.5	72	18.6 - 22.0	1011.2	15.0
DECEMBER	150° - 180°	16 - 28	19.0	23.0	69	18.9 - 22.8	1013.0	15.6

MAXIMUM INSTANTANEOUS WIND SPEED: 55 KNOT

NO RAINFALL, NO EARTHQUAKE AT THIS AREA

HIGHEST TIDE 1.06 m, LOWEST TIDE -0.15 m, MAXIMUM TIDE RANGE 1.21 m,

MEAN HIGHER HIGH WATER: 0.88 m

MEAN LOWER LOW WATER : -0.09 m

MEAN HIGH WATER : 0.73 m

MEAN LOW WATER : 0.12 m

1979

MONTH	WIND DIRECTION	WIND SPEED	TEMPERATURE		RELATIVE HUMIDITY	DEW POINT	ATMOSPHERIC PRESSURE	SEA WATER TEMPERATURE
			WET BULB	DRY BULB				
JANUARY	160° - 180°	10 KNOT - 35 KNOT	18.0°C	24.0°C	57 %	23.1°C	(MIN) 1010.0	15.5°C
FEBRUARY	155° - 185°	10 - 31	20.0	27.0	52	26.2	1010.1	16.1
MARCH	160° - 180°	10 - 30	19.0	28.6	48	26.6	1011.0	15.8
APRIL	150° - 175°	10 - 28	22.0	26.0	71	25.2	1010.0	15.0
MAY	155° - 165°	12 - 18	19.0	23.0	69	22.8	1011.6	14.9
JUNE	165° - 190°	13 - 30	12.0	18.0	48	17.5	1011.7	14.5
JULY	145° - 180°	10 - 38	14.0	18.0	63	17.4	1011.9	14.0
AUGUST	148° - 185°	10 - 38	17.0	19.0	83	18.5	1010.2	13.8
SEPTEMBER	160° - 185°	19 - 38	17.0	25.2	59	24.0	1010.6	13.5
OCTOBER	155° - 190°	10 - 38	20.0	22.0	84	21.0	1011.1	14.0
NOVEMBER	135° - 185°	10 - 25	21.0	24.0	72	23.0	1009.8	15.0
DECEMBER								

MAXIMUM INSTANTANEOUS WIND SPEED: KNOT

HIGHEST TIDE m, LOWEST TIDE m, MAXIMUM TIDE RANGE m,

MEAN HIGHER HIGH WATER: m

MEAN LOWER LOW WATER : m

MEAN HIGH WATER : m

MEAN LOW WATER : m



添付資料－E サンニコラス港での積込実績



添付資料－E サンニコラス港での積込実績

( 1977 年 1 月～1979 年 11 月 )

	No. of vessels	Actual loading time	Tonnage
1977		(hr)	(ton)
Jan.	8	314	670,083
Feb.	8	280	418,745
Mar.	7	293	519,178
Apr.	10	300	525,777
May	8	252	353,135
Jun.	12	345	860,891
Jul.	8	265	380,450
Aug.	14	341	719,009
Sept.	13	320	688,800
Oct.	10	339	807,128
Nov.	9	152	282,777
Dec.	8	290	438,520
Total	115	3,491	6,664,493
1978			
Jan.	3	155	284,587
Feb.	4	139	210,300
Mar.	9	323	829,653
Apr.	3	125	163,826
May	5	145	226,539
Jun.	8	300	491,491
Jul.	7	298	510,615
Aug.	7	310	469,154
Sept.	7	288	393,365
Oct.	13	320	665,768
Nov.	3	88	111,155
Dec.	9	353	761,424
Total	78	2,844	5,117,887
1979			
Jan.	6	309	464,090
Feb.	8	295	403,173
Mar.	15	340	797,071

	No. of vessels	Actual loading time	Tonnage
		(hr)	(ton)
Apr.	3	35	52,682
May	9	320	756,676
Jun.	9	288	705,588
Jul.	8	291	468,456
Aug.	9	200	417,654
Sept.	7	283	507,399
Oct.	7	274	293,284
Nov.	12	315	690,314
Total	93	2,960	5,556,387

添付資料－F 代 案



## 添付資料－F 代 案

### F－1 石灰石を既設山元貯鉱場までコンベヤ輸送する案

N-14 鉱区で採掘した石灰石をその場で 100 mm 以下に粗破碎し、約 10 km 離れた山元の既設貯鉱場までコンベヤで輸送する。石灰石は採掘場で 500 mm 以下に小割りするものとし、破碎能力およびコンベヤ輸送能力は 400 トン/時で計画する。

採掘場所より石灰石粗破碎設備まではダンプトラックで運搬し、コンクリート製の打込ホッパへ投入する。打込ホッパ下に設置されたジャイレトリクラッシャで粗破碎を行う。ジャイレトリクラッシャ下にエブロンフィーダを設置して切出量を平均化してベルトコンベヤへ石灰石を供給する。

クラッシャの上には簡単な建家を設けてクレーンを上架し 500 mm 以上の大塊の除去およびクラッシャの修理用に使用する。

ベルトコンベヤは機長 2 km のものを 5 連、計 10 km で計画する。乗継部、道路横断部を除き全てストリング（Stringer）形式の地上型コンベヤで計画する。

建設費 約 \$ 17,433,000

操業費 約 \$ 190,400 / 年 ( 0.51 \$ / ton-limestone )

#### (1) ジャイレトリクラッシャ

##### (a) 機 械

1 台

開口寸法 : 公称 760 mm

マントル径 : 公称 1,780 mm

許容最大供給

鉱寸法 . 約 500 × 700 × 1,000 mm

主軸速度 : 150 回転/分

出口開口 : 76 mm

( 開き側 )

偏心量 : 32 mm

破碎能力 : 400 t/h

供給鉱の粒度分布が以下の場合

+ 300 mm	・	20 %
300 ~ 25 mm	・	68 %
- 25 mm	・	12 %

附 属 品

(a) 潤滑装置

(b) 油圧装置

(c) クーリングタワー

( 潤滑油冷却水用 )

(b) モーター 1 台

260 kW × 8 P

附 属 品 制御機器

(2) エプロンフィーダ 1 台

形 式 : 重荷重用

エプロン巾 : 1,600 mm

機 長 : 4,920 mm

速 度 3 m/min ( 0.33 ~ 3.3 m/min 可変 )

輸 送 能 力 : 最大 600 t/h

モーター 1 台

出 力 15 kW 4 P

速度範囲 : 160 ~ 1,600 rpm

減 速 機 : 減速比 1/30

附 属 品 : 制御装置

(3) 天井クレーン 1 台

巻上荷重 : 10 トン

スパン : 7.5 m

リフト : 5 m

巻上速度 : 4.5 m/min

横行速度 : 12.5 m/min



走行速度 : 20 m/min  
モーター : 巻上 11 kW  
          横行 1.5 kW  
          走行 1.5 kW × 2  
グラブ 1.5 kW モーターシリンダ付

(4) 建 家

寸 法 7.5 m × 8.5 m × 10.4 m 高  
制御室付

(5) ベルトコンベヤ

5 連

精確な地形が不明であり詳細な検討は出来ないが、ここでは下記の仕様で計画する。

輸 送 量 : 400 t/h  
ベルト巾 750 mm巾  
ベルト速度 : 150 m/min  
水平機長 約 2 km (計 約 10 km)  
揚 程 : 約 5 m  
モ ー タ 220 kW × 6 P  
減 速 機 ・ 減速比 1/22.5  
ベルトウエヤ 1 台

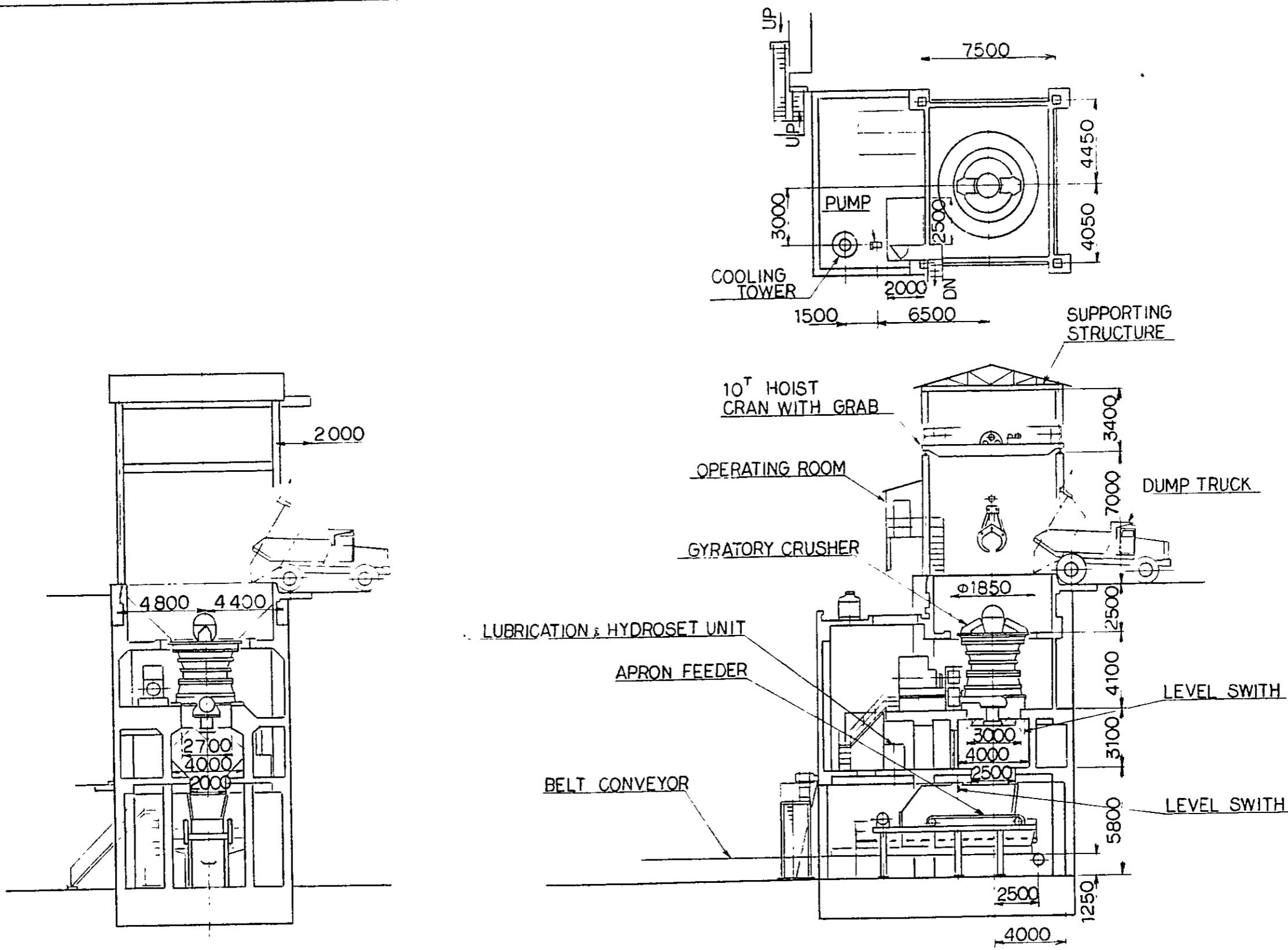


FIG. F-1  
LIMESTONE MINE PRIMARY CRUSHING PLANT



## F-2 コークブリーズをアンローダで荷揚する案

ローブトロリー式アンローダを既設岸壁上に設置する。走行用軌条は既存シップロードの軌条を共用し、更に陸側（南側）に約70 m延長する。

当アンローダでコークブリーズの荷揚作業中はシップロードは岸壁の先端（北側）に待避し、シップロードで船積作業中はアンローダは陸側へ延長した軌条上に待避する。

岸壁からコークブリーズヤードまでは3連のコンベヤで接続する。ヤードへの積付は1点（定点）積としてヤードへの押し拡げ作業はブルドーザ等により行う。

建設費 約 \$ 3,755,000

操業費 約 \$ 47,900 / 年 ( 0.38 \$ / ton-coke )

### (I) アンローダ仕様

- (a) 形式 . ローブトロリー式
- (b) 荷揚能力 300 t/h
- (c) 取扱物 コークブリーズ（見掛比重0.5）
- (d) 巻上荷重

    バケット容量 10 m<sup>3</sup>

    バケット自重 . 5.5 トン

    つかみ重量 5 トン

### (e) 速度およびモータ

	速度 ( m/min )	モータ ( kW )	モータ ( r.p.m )
バケット巻上	80	DC 110	720
バケット開閉	80	DC . 110	720
主トロ走行	120	DC . 33	900
アンローダ走行	25	AC 13 x 4	1,200
ブーム俯仰	8分/サイクル	AC . 20	1,200
運転室走行		AC 1.5	1,200

(f) バケットサイクル : 60 秒

(g) 寸 法

ポータルスパン 10.973 m  
ポータルクリアランス . 6 m  
ホールベース : 10 m  
トロリー走行 : 20 m  
(東側レール芯からの最大突出距離)  
ホッパー高さ 9 m  
(走行レール天端からの高さ)

h) 最大バケットリフト

レール天端より上方 . 12.5 m  
レール天端より下方 12.5 m

i) 輪 圧

西 側 : 23.5 トン (操業時 風速 16 m/s 時)  
39 トン (休止時 風速 55 m/s 時)  
東 側 24.5 トン (操業時 風速 16 m/s 時)  
38 トン (休止時 風速 55 m/s 時)

j) 走行距離 : 270 m

k) 電 源 Ac 3 ph. 60 Hz 4,160 V

l2) ベルトコンベヤ

3 連

輸 送 量 300 t/h ピーク時 400 t/h )  
ベルト巾 : 900 mm  
ベルト速度 : 150 m/min

	水平機長	揚 程	モータ	備 考
	m )	m	( kW	
U-1 BC	約 500	約 3	37	
U-2 BC	約 480	約 33.5	90	ベルトウエヤ付 ブレーキ付
U-3 BC	約 140	約 13	30	逆転防止付



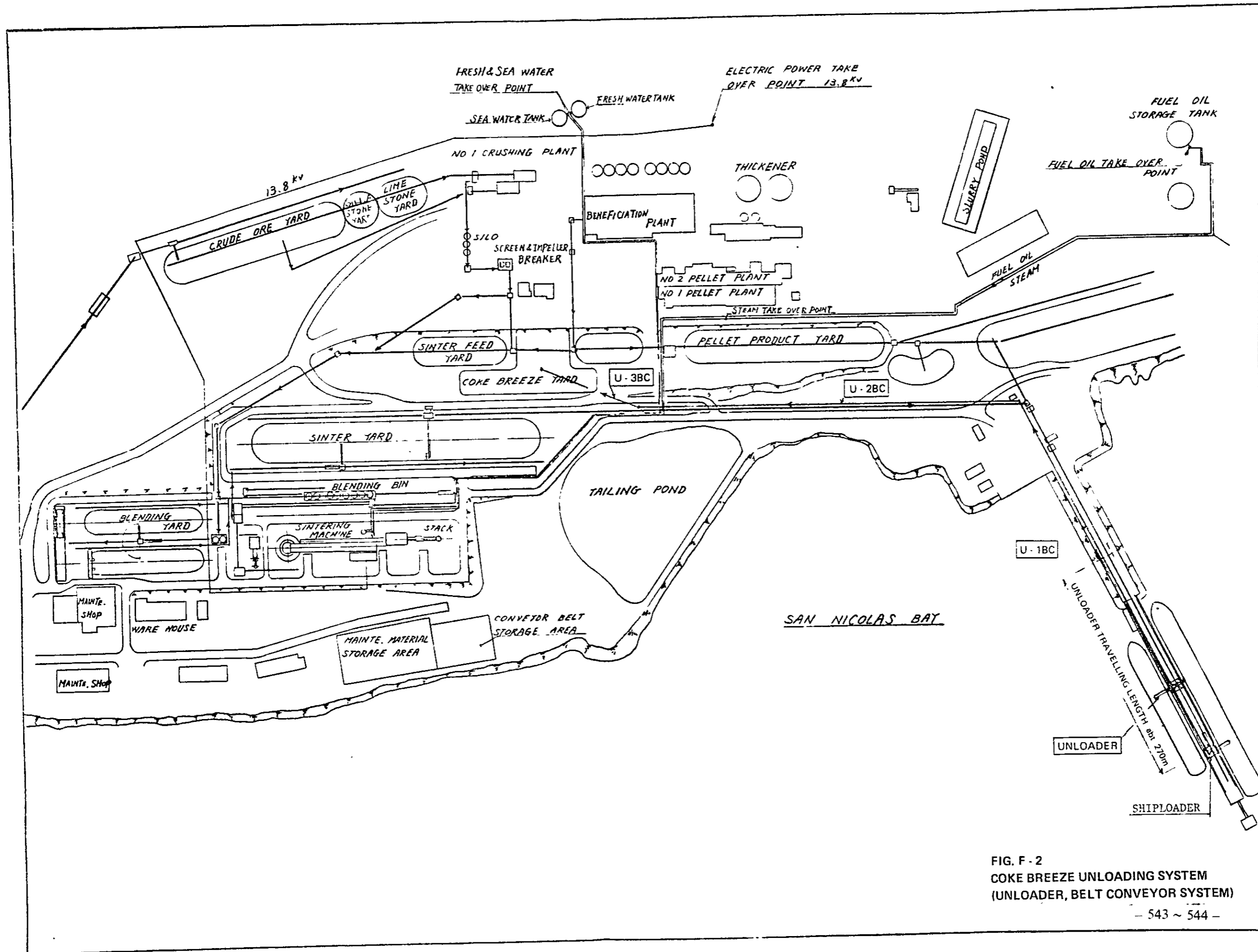
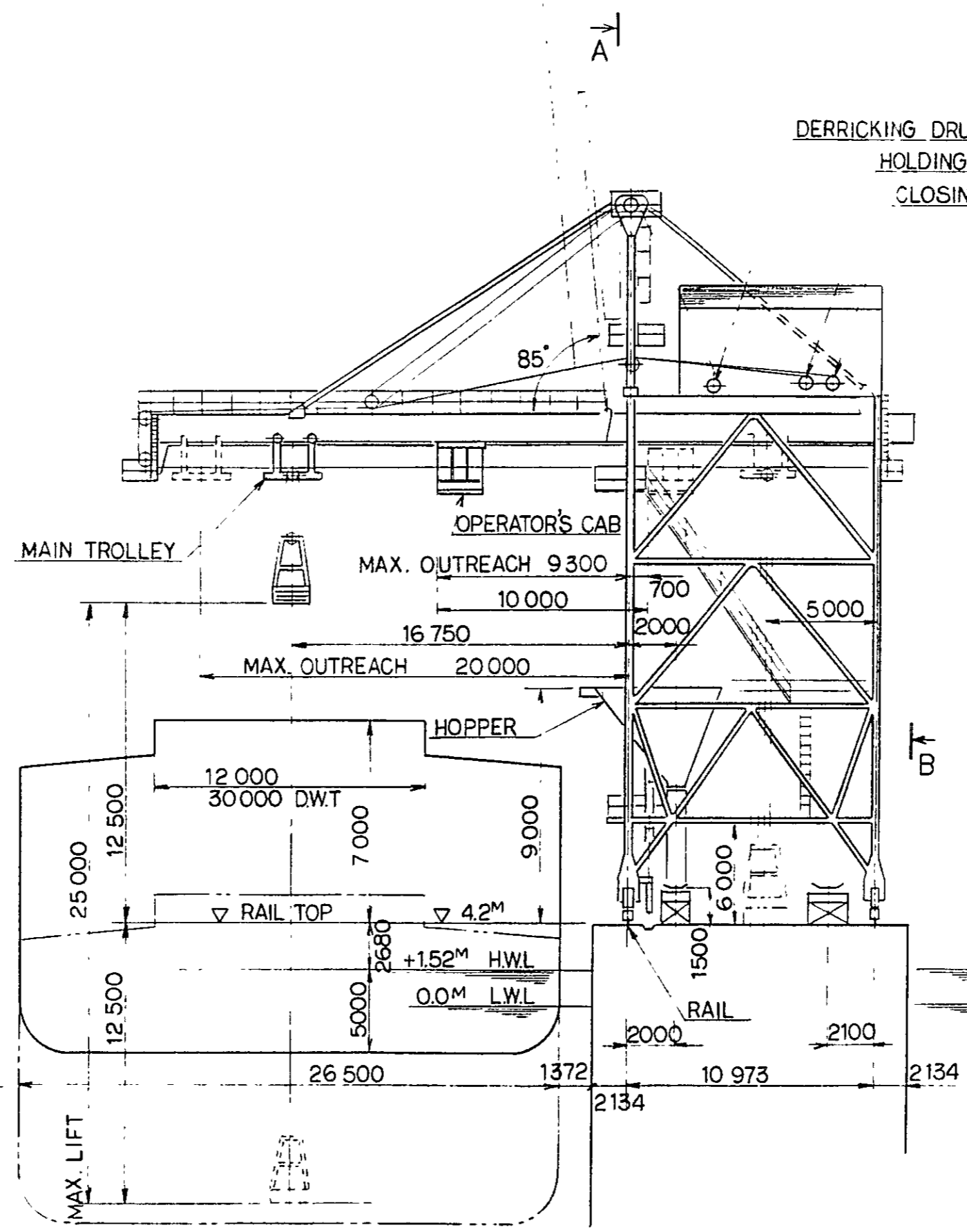
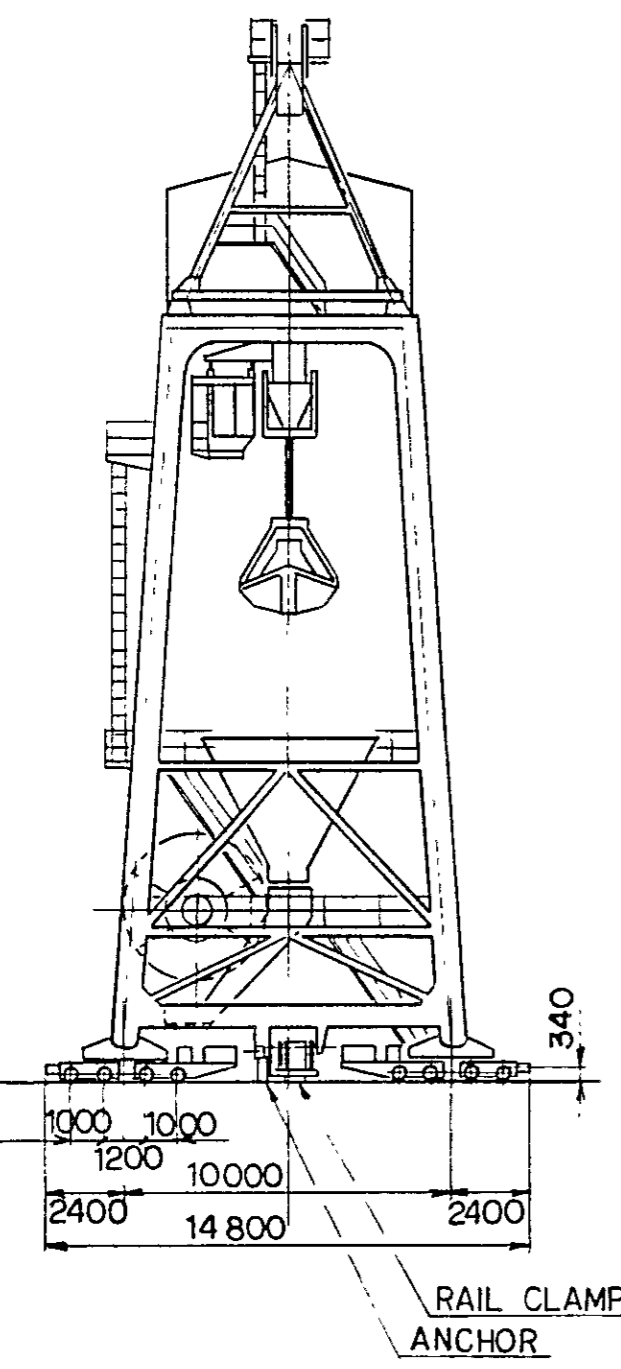


FIG. F - 2  
 COKE BREEZE UNLOADING SYSTEM  
 (UNLOADER, BELT CONVEYOR SYSTEM)

A — VIEW



B — VIEW

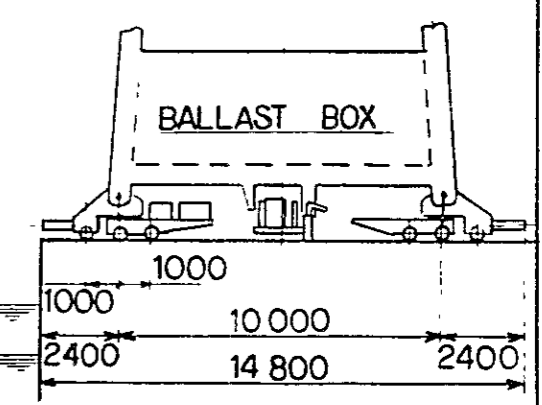


FIG. F - 3  
COKE BREEZE UNLOADING  
SYSTEM, UNLOADER  
- 545 ~ 546 -





### F-3 排煙脱硫設備

石灰石を用いて主排気ガス中の硫黄酸化物を取り除き、副産物として石膏を生産する設備である。

本排煙脱硫設備は以下の6セクションから構成される。

硫黄酸化物吸収セクション

再加熱セクション

酸化セクション

石膏分離セクション

吸収材調整セクション

ユーティリティセクション

#### (1) 設計条件

主排気ガス

風量 . 562,000 Nm<sup>3</sup>/h

風圧 : - 50mmH<sub>2</sub>O

温度 150 ℃

SOx max. 6,000 ppm

処理ガス

脱硫率 . 90 %以上

温度 : 90 ℃以上

吸収剤 . 石灰石, - 3 mm

副産物 . 石膏

#### (2) 石灰石, ユーティリティ消費量, 石膏生産量

石灰石 15.6 t/h as 100 % CaCO<sub>3</sub>

硫酸 1.6 t/h as 100 % H<sub>2</sub>SO<sub>4</sub>

燃料油 720 l/h

電力 6,390 KWH/h

淡水 . 86.5 m<sup>3</sup>/h

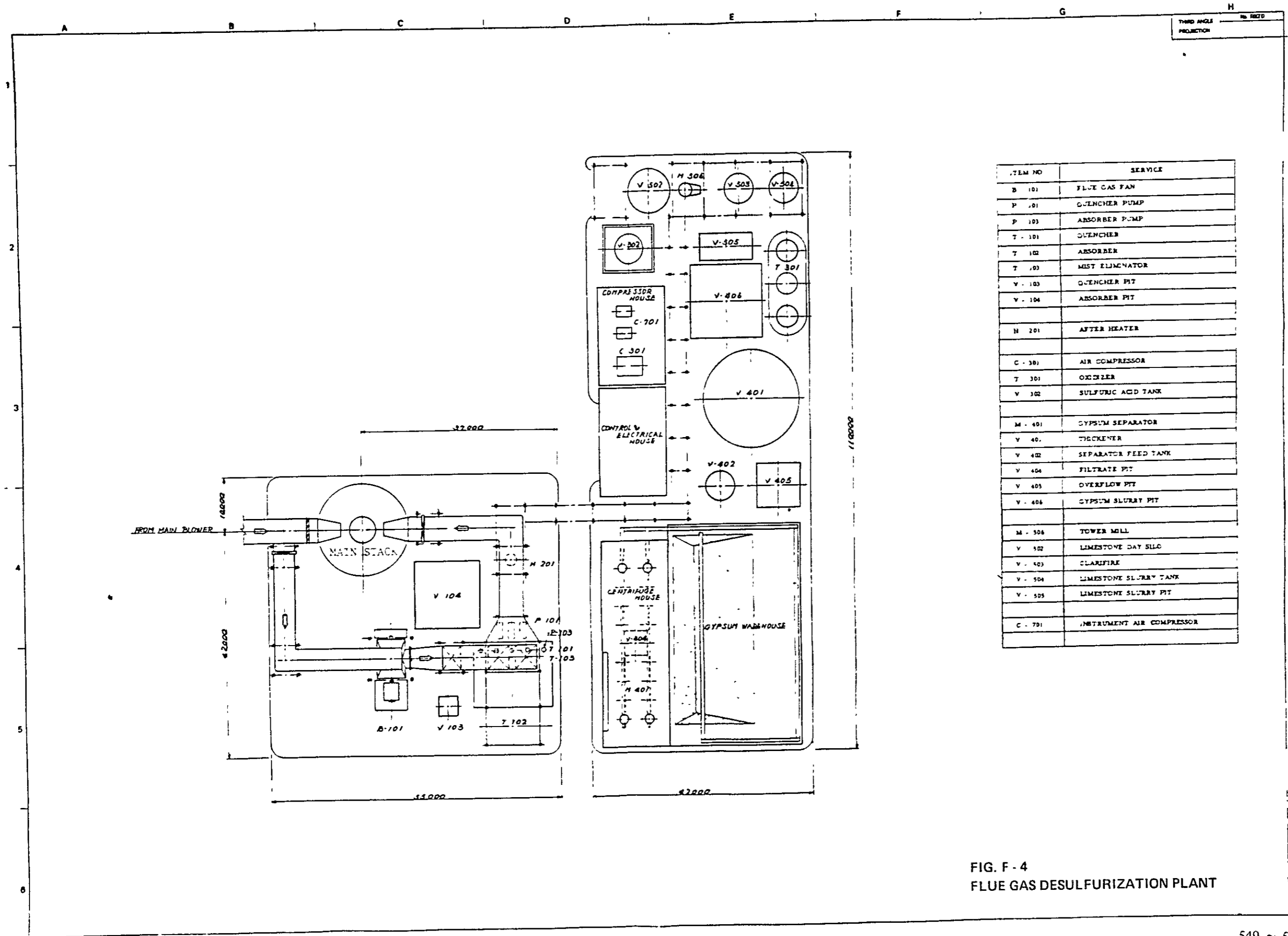
蒸 氣 : 0.15 t/h

石 膏 : 29.9 t/h as 100%  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

建 設 費 約 \$ 42,760,000

操 業 費 約 \$ 5,136,000/年 ( 2.05 \$/ton-sintered ore )





THIRD ANGLE  
PROJECTION

ITEM NO	SERVICE
B-101	FLUE GAS FAN
P-101	QUENCHER PUMP
P-103	ABSORBER PUMP
T-101	QUENCHER
T-102	ABSORBER
T-103	MIST ELIMINATOR
V-103	QUENCHER PIT
V-104	ABSORBER PIT
H-201	AFTER HEATER
C-301	AIR COMPRESSOR
T-301	OXIDIZER
V-102	SULFURIC ACID TANK
M-401	GYPNUM SEPARATOR
V-401	THICKENER
V-402	SEPARATOR FEED TANK
V-404	FILTRATE PIT
V-405	OVERFLOW PIT
V-406	GYPNUM SLURRY PIT
M-504	TOWER MILL
V-502	LIMESTONE DAY SILL
V-503	CLARIFIER
V-504	LIMESTONE SLURRY TANK
V-505	LIMESTONE SLURRY PIT
C-701	INSTRUMENT AIR COMPRESSOR

FIG. F - 4  
FLUE GAS DESULFURIZATION PLANT

DATE  
BY  
SCALE



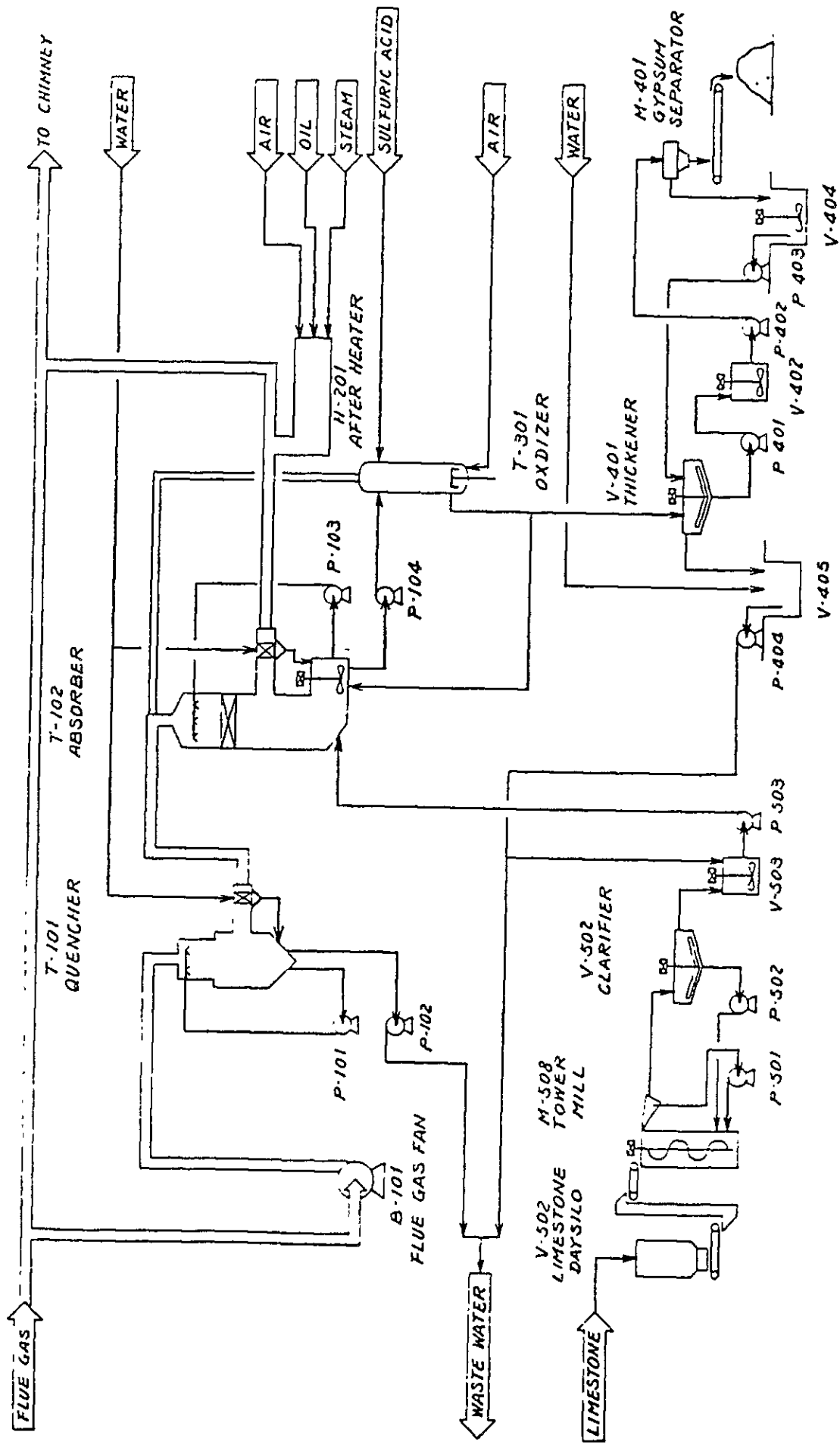
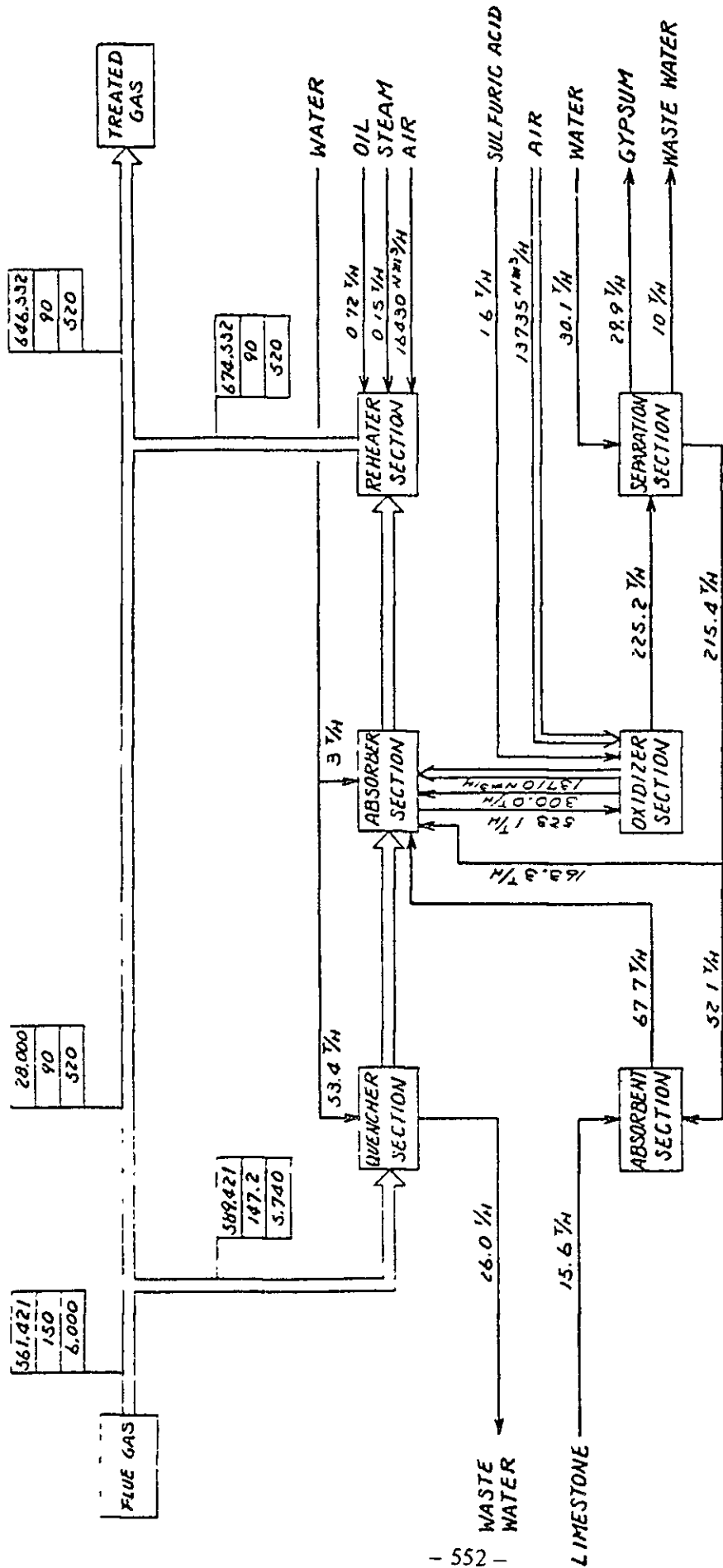


Fig. F-5 PROCESS FLOW SHEET



NOTE

FLUE GAS	N M <sup>3</sup> /H
TEMP	°C
SO <sub>2</sub> CONC	PPM (W)

Fig. F - 6 BLOCK FLOW DIAGRAM



#### F-4 主煙突を東側（ブレンディングヤード寄）に設置する案

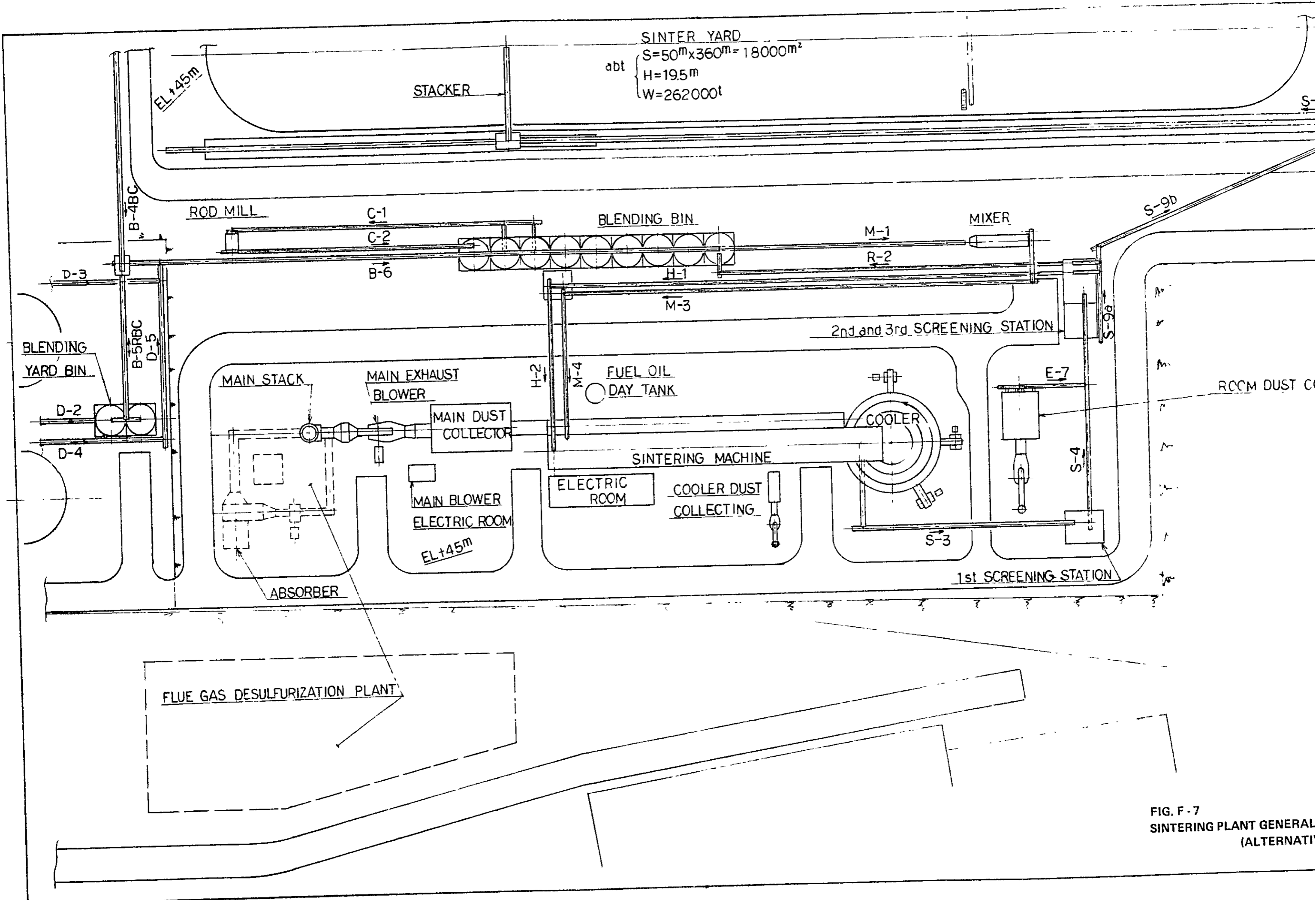
当案は装置集塵機用煙突およびクーラ集塵機用煙突からの排ガス（タクト含む）が既存の修理工場周辺に及ぼす影響を少なくすると云う Merit があるが、一方、土地造成量およびベルトコンベヤの機長が原案よりも増えると云う Demerit がある。

土地造成（盛土）量の増加分 約 45,000 m<sup>3</sup> ・ 4,940 m<sup>2</sup>、

ベルトコンベヤ機長の増加分 約 160 m

（H-1, M-3, S-9 BC）

従って、建設費の増加分は約 \$ 395,000 である。



SINTER YARD  
 abt  $S=50^m \times 360^m = 18000^m^2$   
 $H=19.5^m$   
 $W=262000^t$

FIG. F-7  
 SINTERING PLANT GENERAL  
 (ALTERNATI

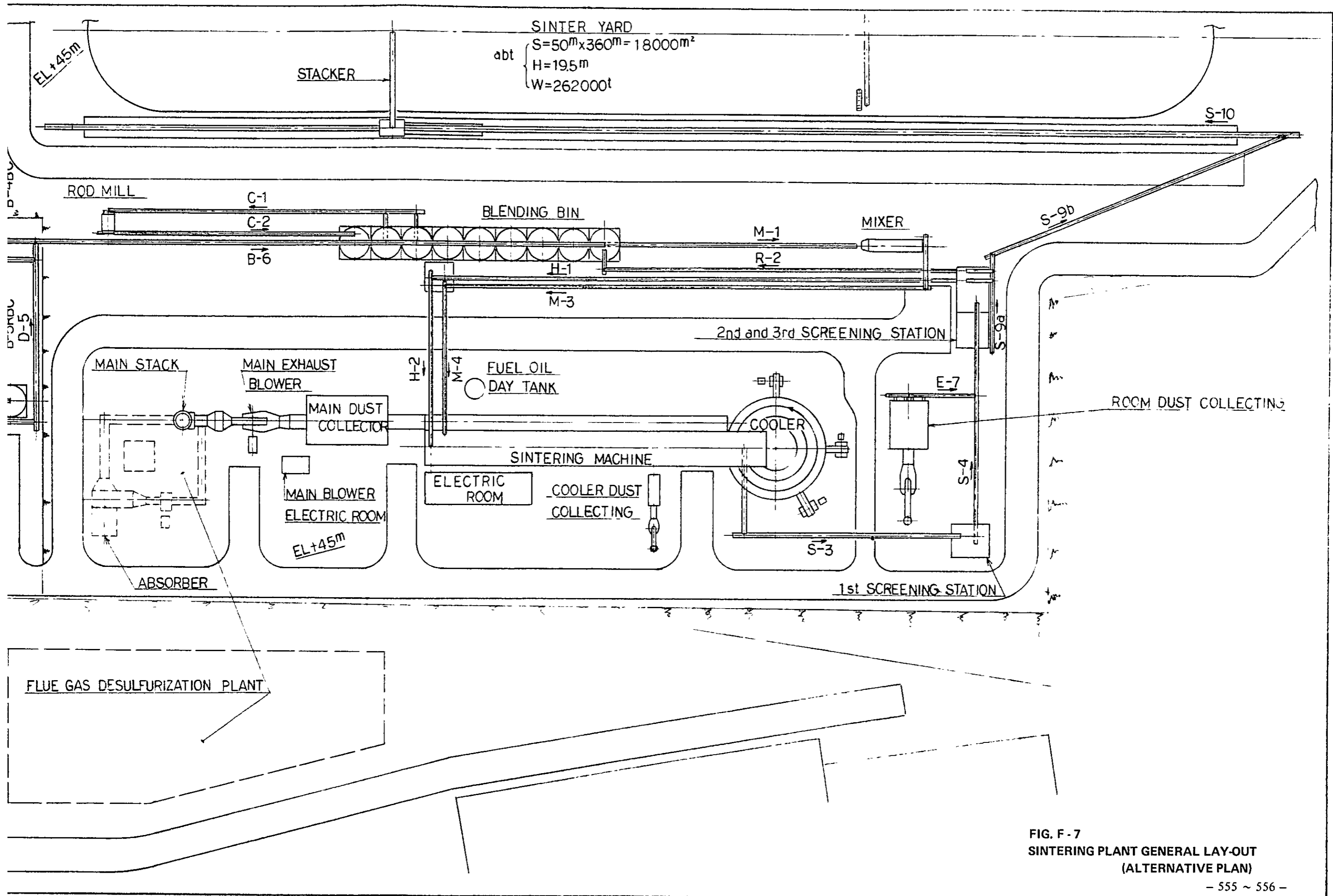


FIG. F - 7  
SINTERING PLANT GENERAL LAY-OUT  
(ALTERNATIVE PLAN)



## F-5 電気集塵機（主排気集塵用1基，装置集塵機用1基）

電気集塵機の原理は集塵極板と放電極棒との間に直流の高電圧をかけ，コロナ放電を発生させてコロナフィールドを通過中のダストを帯電させる。帯電したダストはクーロンの力により集塵極板に捕集される。集塵極板上に堆積したダストは槌打によって払い落されホッパ下に設置されたフローコンベヤ，2重ダンバにより機外に排出される。

イエロベル粉鉛石中には選鉱工程で海水を使用することもある。アルカリ金属が多い。これらのアルカリ金属は低沸点化合物であり，焼結時に昇華して主排気中に放出され，電気集塵機に達するまでに再凝固して微細粒子のダストとなる。

微細粒子は帯電する電荷量が少なく，かつ集塵極板槌打時にガス流中への再飛散が多いため集塵効率の低下をもたらす。

アルカリ金属ダストは通常運転温度での電気抵抗が大きいため集塵効率が低下する。更にアルカリ金属ダストはカーボンダストと共に集塵極板上で燃焼し，極板に致命的な熱変形を起す恐れがある。

従って実施段階では十分な検討が必要である。

Table F-1 Specification of Electrostatic Precipitator

	For main exhaust	For room dedusting
Gas volume (m <sup>3</sup> /min)	18,000	6,500
Gas temperature (°C)	150	75
Gas pressure (mmAg)	-1,600	-350
Dust concentration (g/Nm <sup>3</sup> )		
at inlet	1.0	8~12
at outlet	0.08	0.08

建設費 約 \$ 16,030,000

操業費 約 \$ 242,600/年 ( 0.1\$/ton-sintered ore )

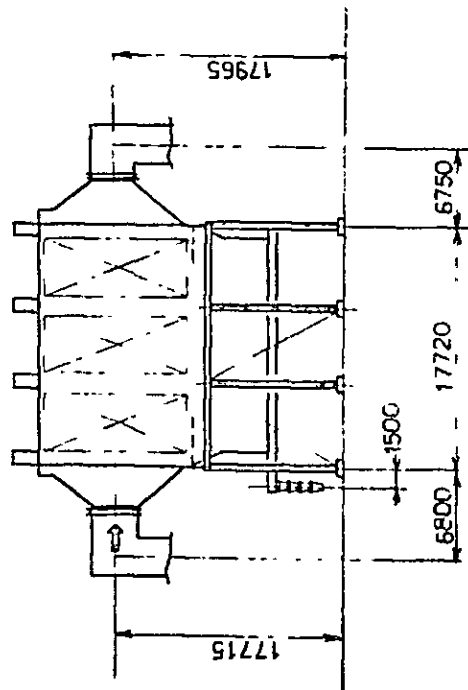
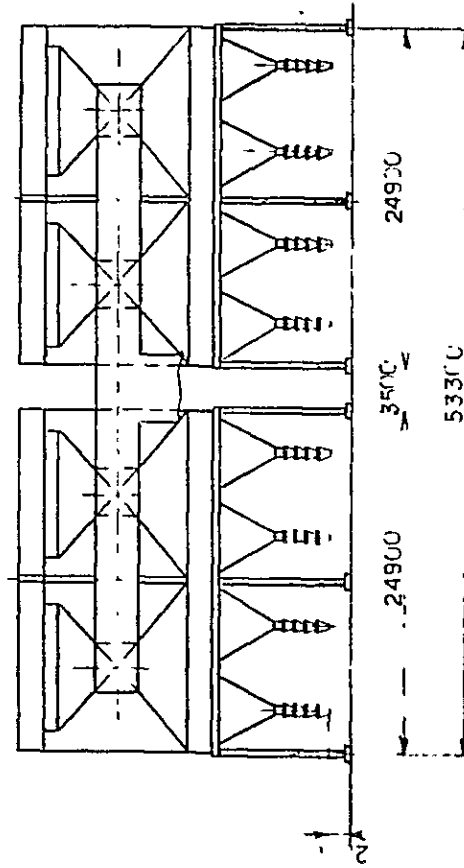


Fig. F - 8 ELECTROSTATIC PRECIPITATOR FOR MAIN EXHAUST GAS

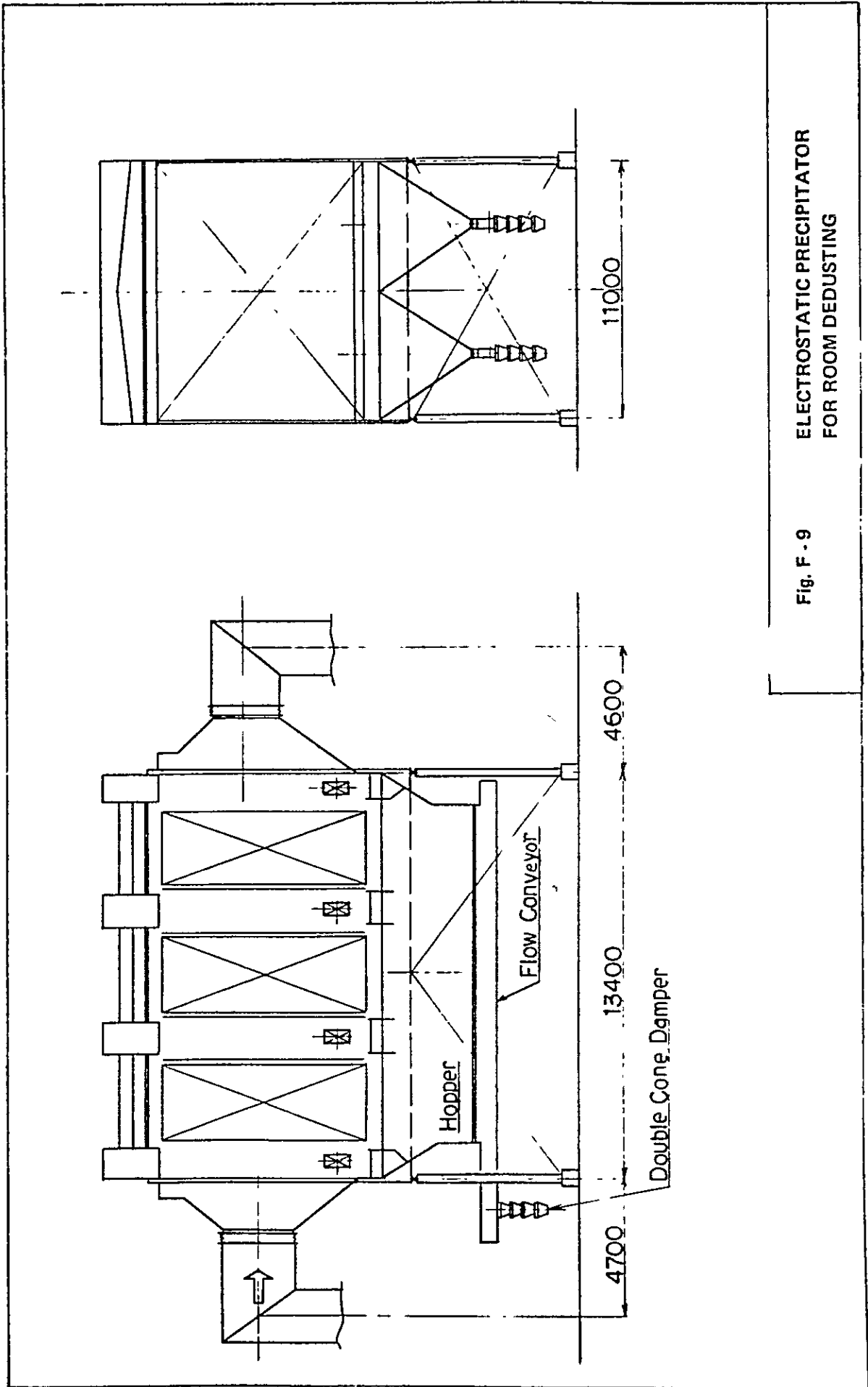


Fig. F - 9 ELECTROSTATIC PRECIPITATOR FOR ROOM DEDUSTING





## 添付資料－G



添付資料 - G


23rd April, 1980


Minutes of Discussion Held in Tokyo  
about Feasibility Study on Hierro Peru Sintering

Empresa Minera del Hierro del Peru (hereinafter referred to as Hierro-Peru) and the Feasibility Study Team of the Japan International Cooperation Agency (hereinafter referred to as JICA) hereby agree to the following assumptions for the completion of the feasibility study, which were discussed between Hierro-Peru and JICA on 25th March, 28th March, and 31st March, 1980, in Tokyo, based upon 'The Record of Discussions (on Scope of Work)' dated 22nd November, 1979, and 'Interim Report of Feasibility Study on Hierro-Peru Sintering Project in Republic of Peru' dated 6th December, 1979:

- (1) Three sets of cyclone equipment only shall be installed for dust collection at the plant site.
- (2) Desulphurization equipment shall not be installed but enough space for installation of such equipment shall be provided in the design.
- (3) Enough space shall also be provided for electro-precipitation equipment, which may be installed in the future.
- (4) In addition to the above items, Hierro-Peru and JICA discussed and agreed on the assumptions for financial forecasts.

In witness whereof, the parties hereto have affixed their signatures on 31st March, 1980.

  
\_\_\_\_\_  
Mr. Luis Remy V.  
President  
Empresa Minera del  
Hierro del Peru

  
\_\_\_\_\_  
Mr. Hiroshi Iida  
Leader  
Feasibility Study Team  
Japan International Cooperation  
Agency





JICA