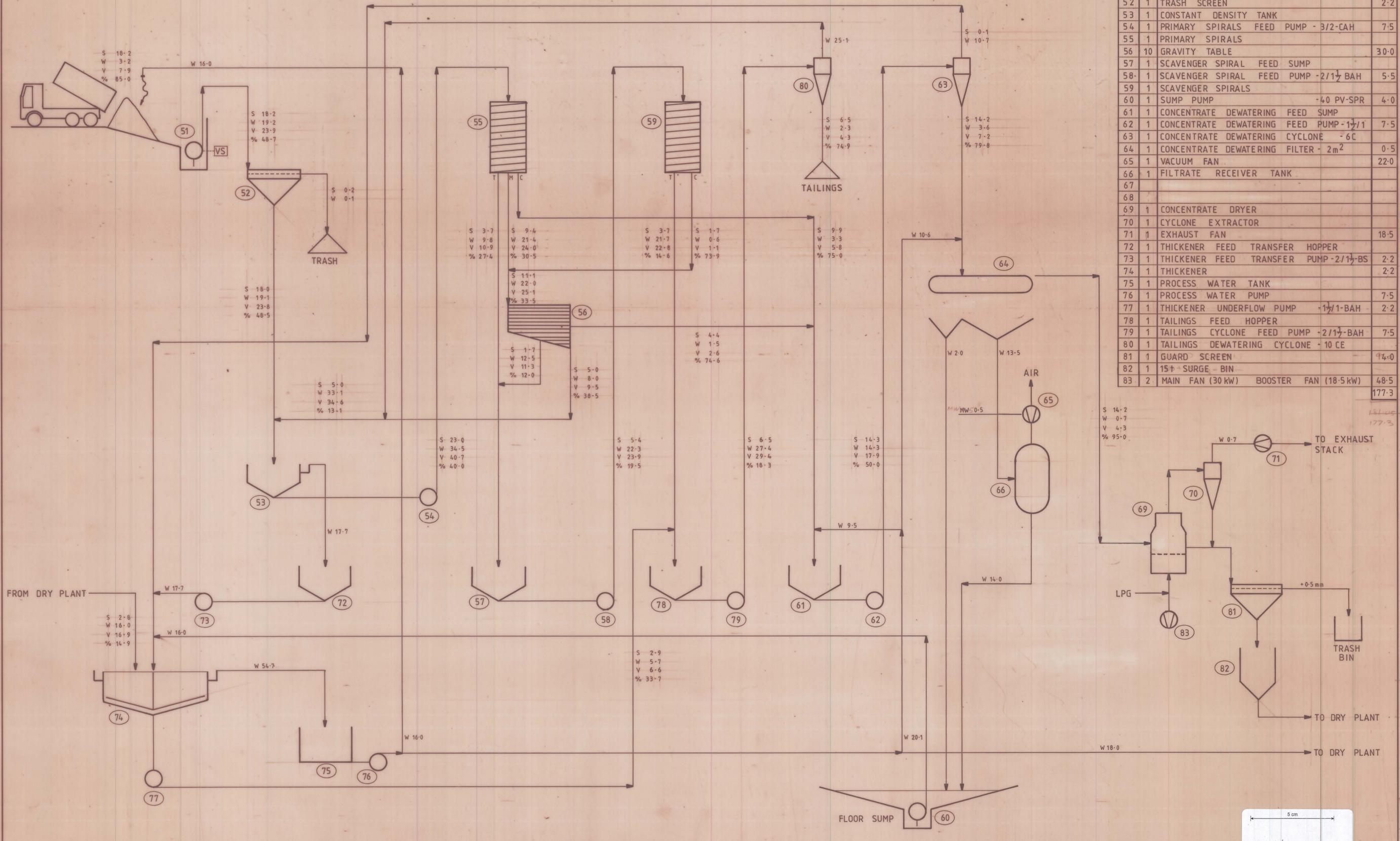


0454 - 005



EQUIPMENT LIST			
ITEM	QTY	DESCRIPTION	KW
51	1	WET CONCENTRATE FEED PUMP - 40VC - GPS	5.5
52	1	TRASH SCREEN	2.2
53	1	CONSTANT DENSITY TANK	
54	1	PRIMARY SPIRALS FEED PUMP - 3/2-CAH	7.5
55	1	PRIMARY SPIRALS	
56	10	GRAVITY TABLE	30.0
57	1	SCAVENGER SPIRAL FEED SUMP	
58	1	SCAVENGER SPIRAL FEED PUMP - 2/1 1/2-BAH	5.5
59	1	SCAVENGER SPIRALS	
60	1	SUMP PUMP - 40 PV-SPR	4.0
61	1	CONCENTRATE DEWATERING FEED SUMP	
62	1	CONCENTRATE DEWATERING FEED PUMP - 1 1/2/1	7.5
63	1	CONCENTRATE DEWATERING CYCLONE - 6C	
64	1	CONCENTRATE DEWATERING FILTER - 2m ²	0.5
65	1	VACUUM FAN	22.0
66	1	FILTRATE RECEIVER TANK	
67			
68			
69	1	CONCENTRATE DRYER	
70	1	CYCLONE EXTRACTOR	
71	1	EXHAUST FAN	18.5
72	1	THICKENER FEED TRANSFER HOPPER	
73	1	THICKENER FEED TRANSFER PUMP - 2/1 1/2-BS	2.2
74	1	THICKENER	2.2
75	1	PROCESS WATER TANK	
76	1	PROCESS WATER PUMP	7.5
77	1	THICKENER UNDERFLOW PUMP - 1 1/2/1-BAH	2.2
78	1	TAILINGS FEED HOPPER	
79	1	TAILINGS CYCLONE FEED PUMP - 2/1 1/2-BAH	7.5
80	1	TAILINGS DEWATERING CYCLONE - 10 CE	
81	1	GUARD SCREEN	94.0
82	1	15# SURGE BIN	
83	2	MAIN FAN (30 kW) BOOSTER FAN (18.5 kW)	48.5
			177.3

LEGEND
 S = SOLIDS FLOW - tonnes /hr
 W = WATER FLOW - m³/hr
 V = VOLUMETRIC FLOW - m³/hr
 % = PULP DENSITY - % SOLIDS
 MW = MAINS WATER FLOW - m³/hr

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5							
4							
3							
2							
1	GENERAL REVISION		RT	27/7/89	DATE	13-7-89	
No.	DESCRIPTION		BY	DATE	SCALE		
REVISIONS							
NATIONAL MINERAL SANDS PTY. LTD. NARACOOPA MINERAL SANDS PLANT (KING ISLAND) PROPOSED DRY PLANT WET CONCENTRATOR - FLOWSHEET						OFFICE OF ORIGIN: SYDNEY	
WARMAN INTERNATIONAL LTD.						A1-1001-0-065	REV. 1

5 cm
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