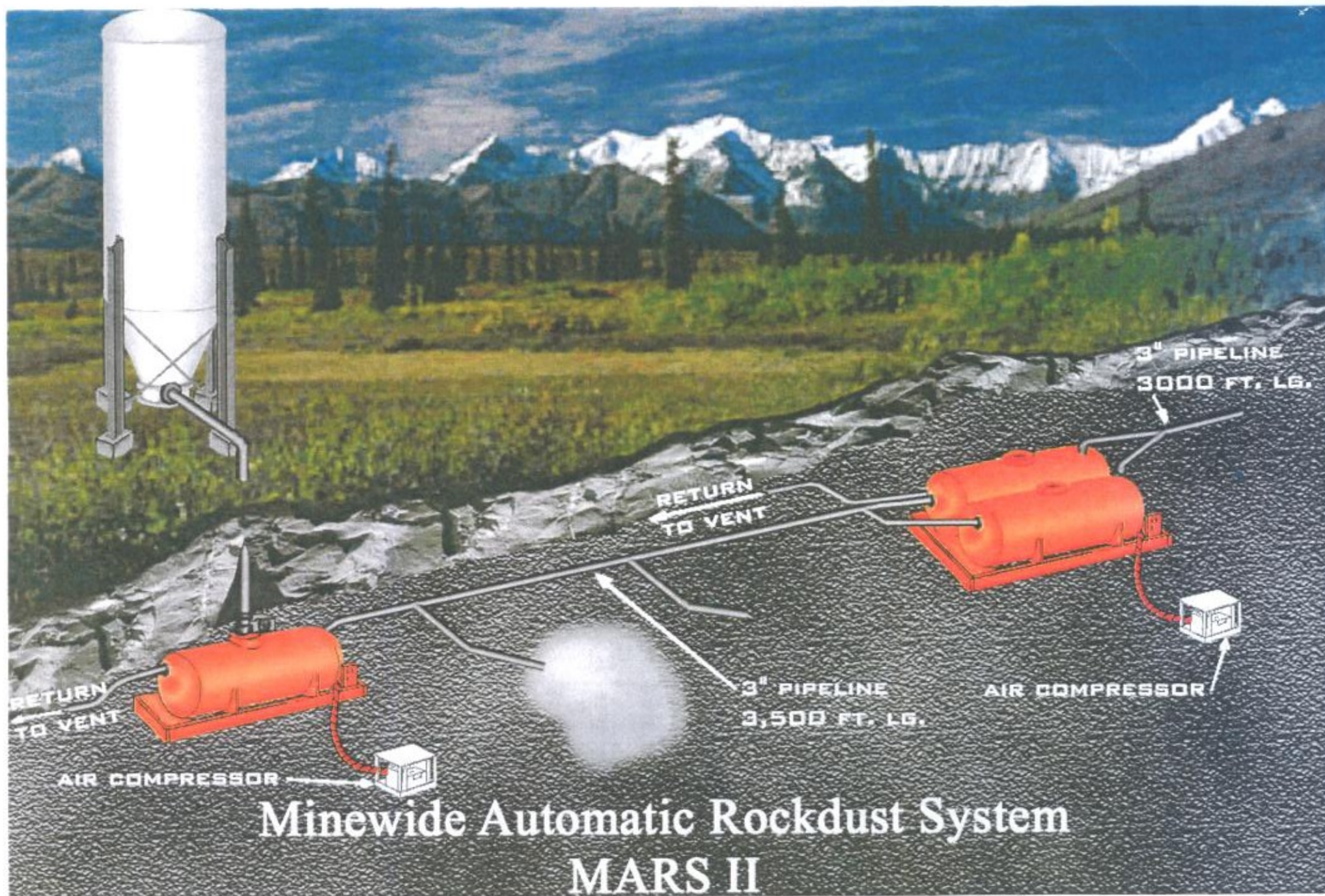
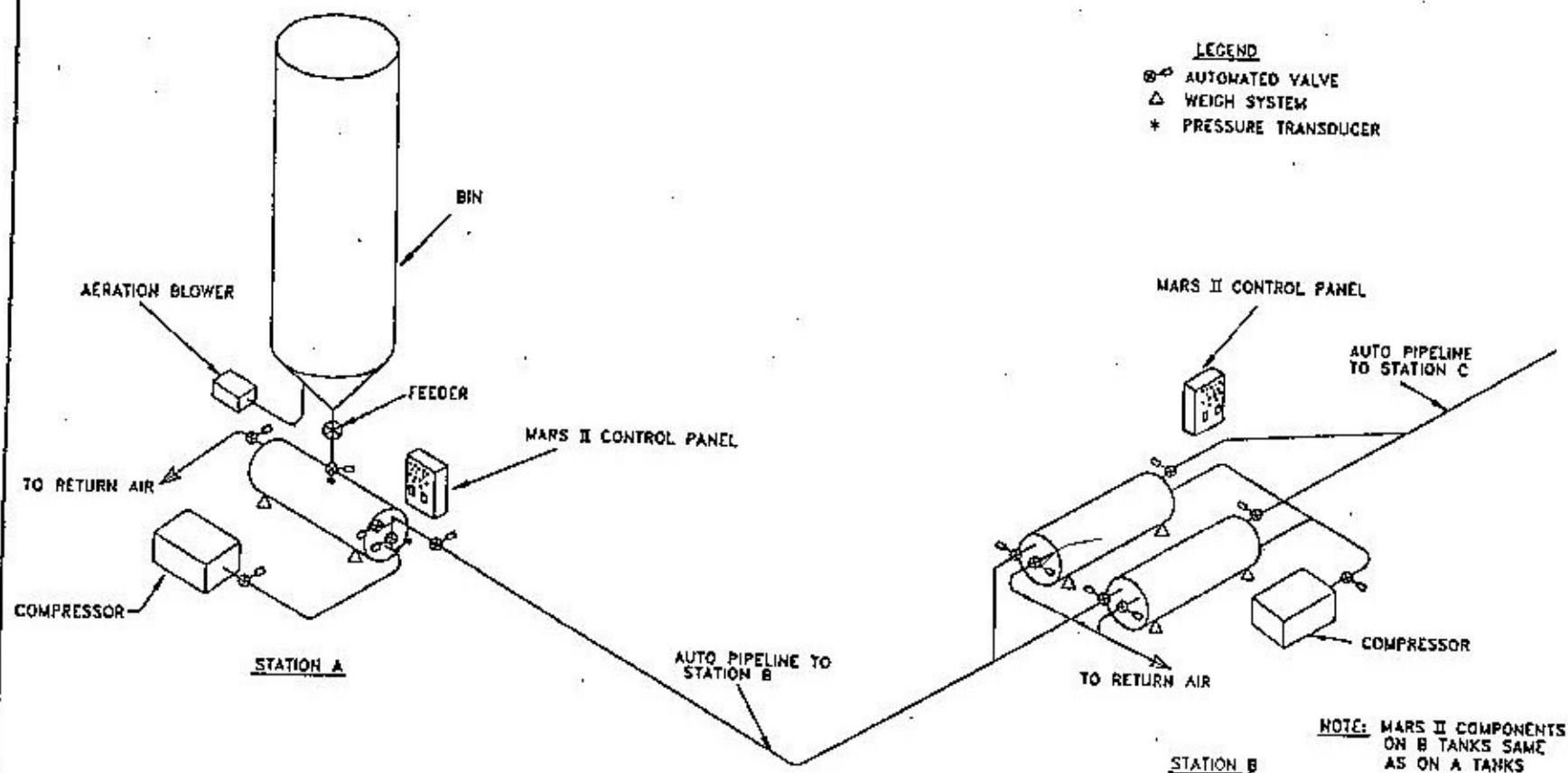
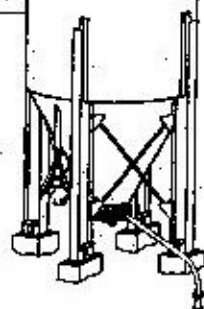




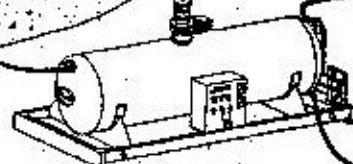


TOLERANCES (EXCEPT AS NOTED)	REVISIONS			 A. L. LEE CONTRACTOR	304/934-5361 818/242-8065	
	NO.	DATE	BY :			
DECIMAL + -	1			MARS II STANDARD DUAL TANK ARRANGMENT		
FRACTIONAL + -	2					
ANGULAR + -	3			Drawn BY RI	SCALE FULL	W/REP.
	4			Checkd BY	DATE 10/22/98	Drawn NO.
	5			CODE 57	APPD	S500006A

STORAGE
BIN



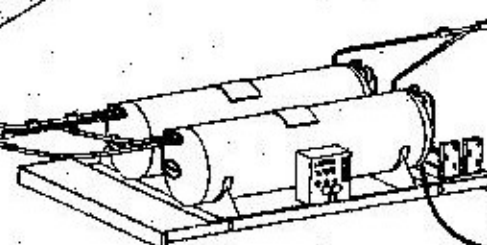
VENT TO
RETURN



AIR COMPRESSOR

3" PIPELINE
3500 FT. LG.

VENT TO
RETURN



3" PIPELINE
3000 FT. LG.

AIR COMPRESSOR

Minewide Automatic Rockdust System MARS II

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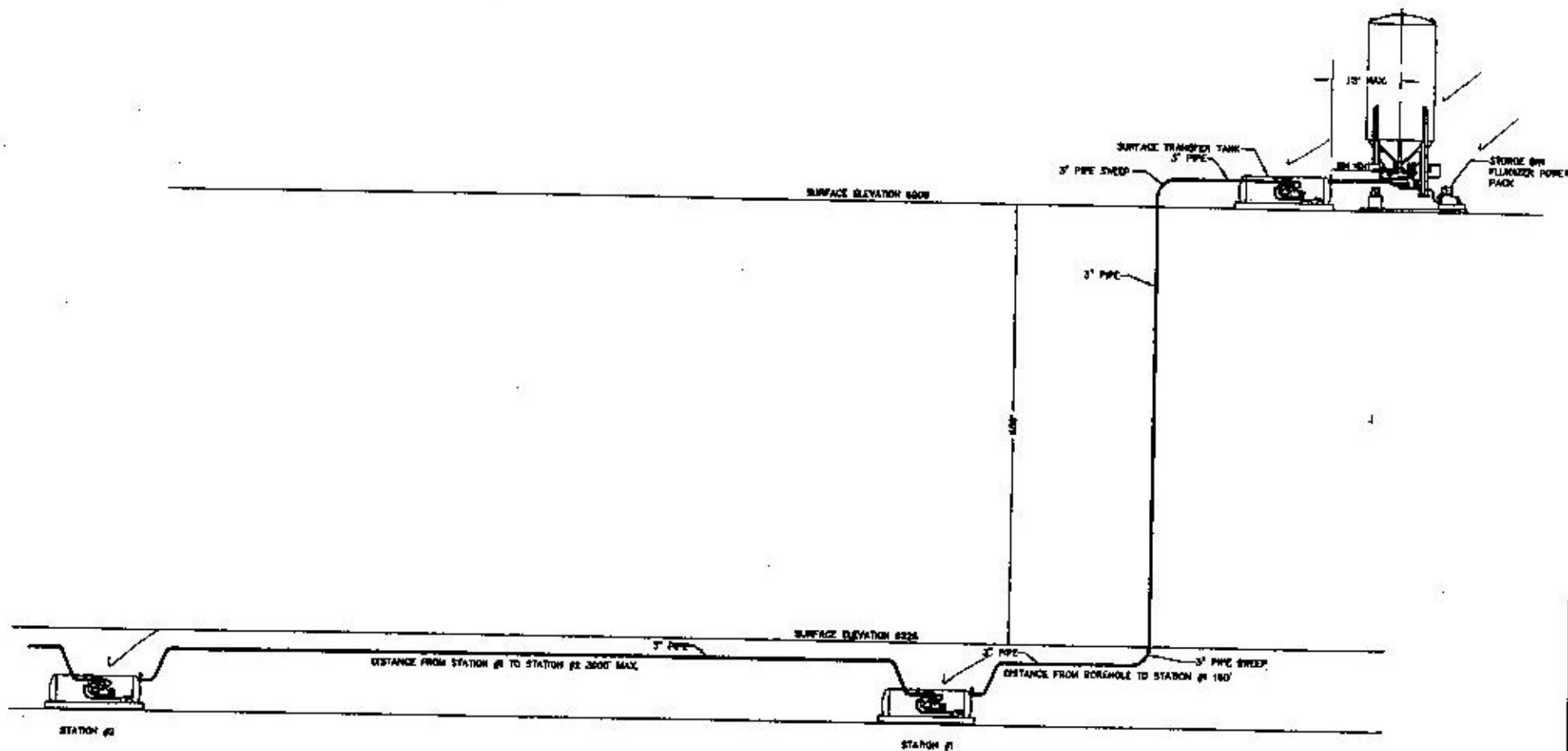
© COPYRIGHT A. L. LEE CORP.

REVISIONS (EXCEPT AS NOTED)	REVISIONS			DATE	BY	APP	REVISIONS	DATE	BY	APP
	NO.	DATE	BY							
1	3-1-1999	T.S.								
2										
3										
4										
5										
6										
7										

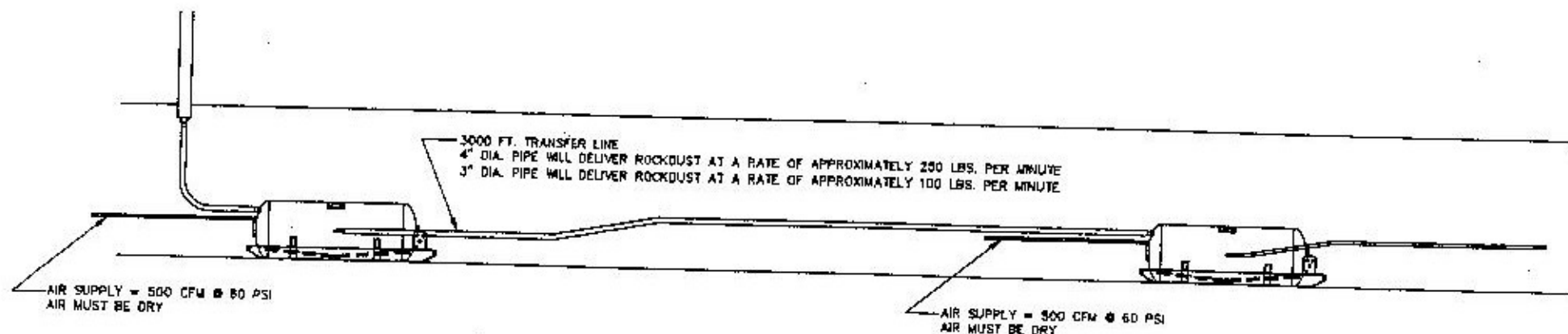
A. L. LEE 304/934-6361
618/242-6085

MARS II

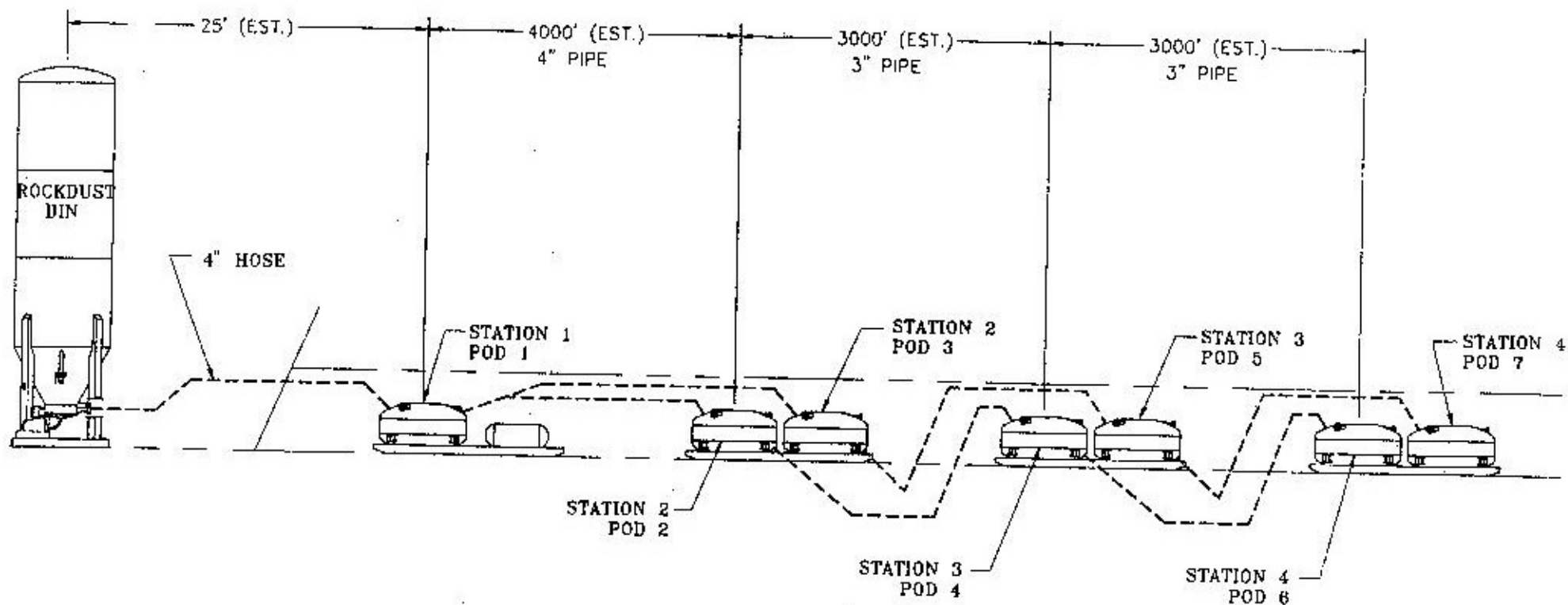
DATE 1/96
REV 10-23-98
REV 57
PAGE NO. S60854B



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PROJECT: ROOMING TRANSFER SYSTEM		NO. 11/1/80		REV. 1	
DESCRIPTION: ROOMING TRANSFER SYSTEM		DATE: 11/1/80		BY: [Signature]	
PROJECT: ROOMING TRANSFER SYSTEM		NO. 11/1/80		REV. 1	
DESCRIPTION: ROOMING TRANSFER SYSTEM		DATE: 11/1/80		BY: [Signature]	
PROJECT: ROOMING TRANSFER SYSTEM		NO. 11/1/80		REV. 1	



A.L. LEE		304/934-5361
		618/242-6065
PIPE LINE SYSTEM		
DESIGN BY RM	SCALE 1/8"=1'	DATE
DRAWN BY	REV 2-25-94	APPROVED BY
CHECKED BY	DATE	558401B



STEP #1 FROM POD #1 FILL POD #2 - FILL POD #4 FROM #2 - FILL POD #6 FROM #4

STEP #2 FROM POD #1 FILL POD #3 - FILL POD #5 FROM #3 - FILL POD #7 FROM #5

TIME ESTIMATE

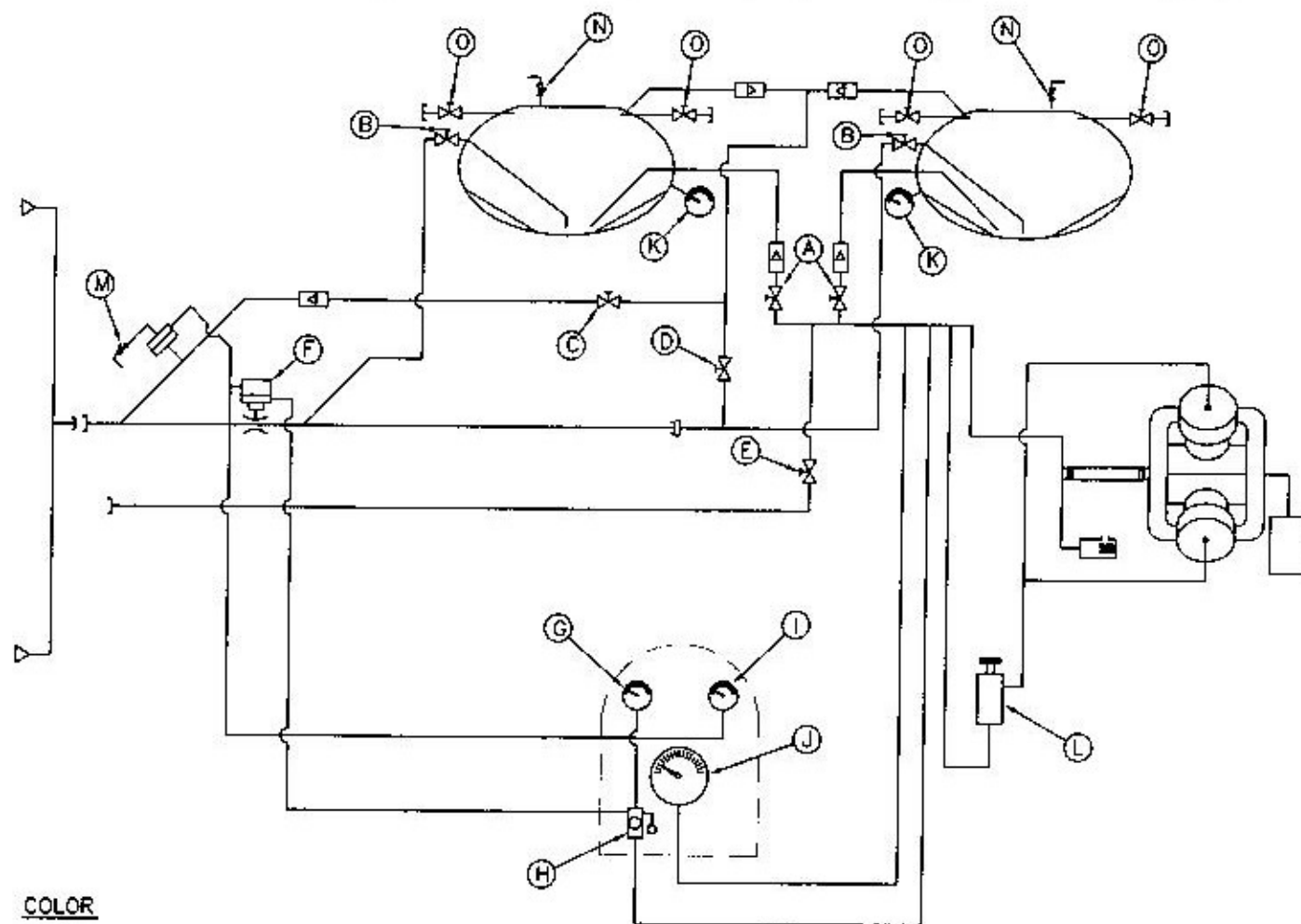
5 - 10 MIN TO FILL POD#1

50 TO 60 MIN TO FILL TRANSFER PODS

SCHEMATIC ONLY

SINGLE PIPE BETWEEN ALL STATIONS

TOLERANCES (EXCEPT AS NOTED)	DIMENSIONS			 A. L. LEE ENGINEERS	304/934-5361 618/242-6065			
	IN.	FEET	IN.					
DECIMAL +	1			ROCKDUST TRANSFER SYSTEM 95-224				
FRACTIONAL +	1							
ANGULAR +	1			DESIGNED BY	T.S.	SCALE	1/8" = 1'	NOTES
	1			DRAWN		DATE	7-10-95	APPROVED BY
	1			CHECK		APP'D		S593368



VALVE COLOR

- (A) BLACK
- (B) BLUE
- (C) GREEN
- (D) RED
- (E) RED

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TOLERANCES
(EXCEPT AS NOTED)

DECIMAL

FRACTIONAL

ANGULAR

ML VERNON DIVISION
P.O. BOX 2870
2044 INDUSTRIAL DRIVE
ML VERNON IL 62664
PHONE: (815) 242-6000

REVISIONS

NO.	DATE	BY
1		
2		

A. L. LEE

TYPING DIAGRAM/OPERATING INSTRUCTIONS
MODEL 620RM W/620S SLAVE UNIT

DATE 10/10/73
SCALE NTS

WEST VIRGINIA DIVISION
P.O. BOX 28
2070 LESTER HIGHWAY
LESTER, WV 25885
PHONE: (304) 924-5181

SHEET NO.

REVISIONS

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED

CON.

APPROVED BY