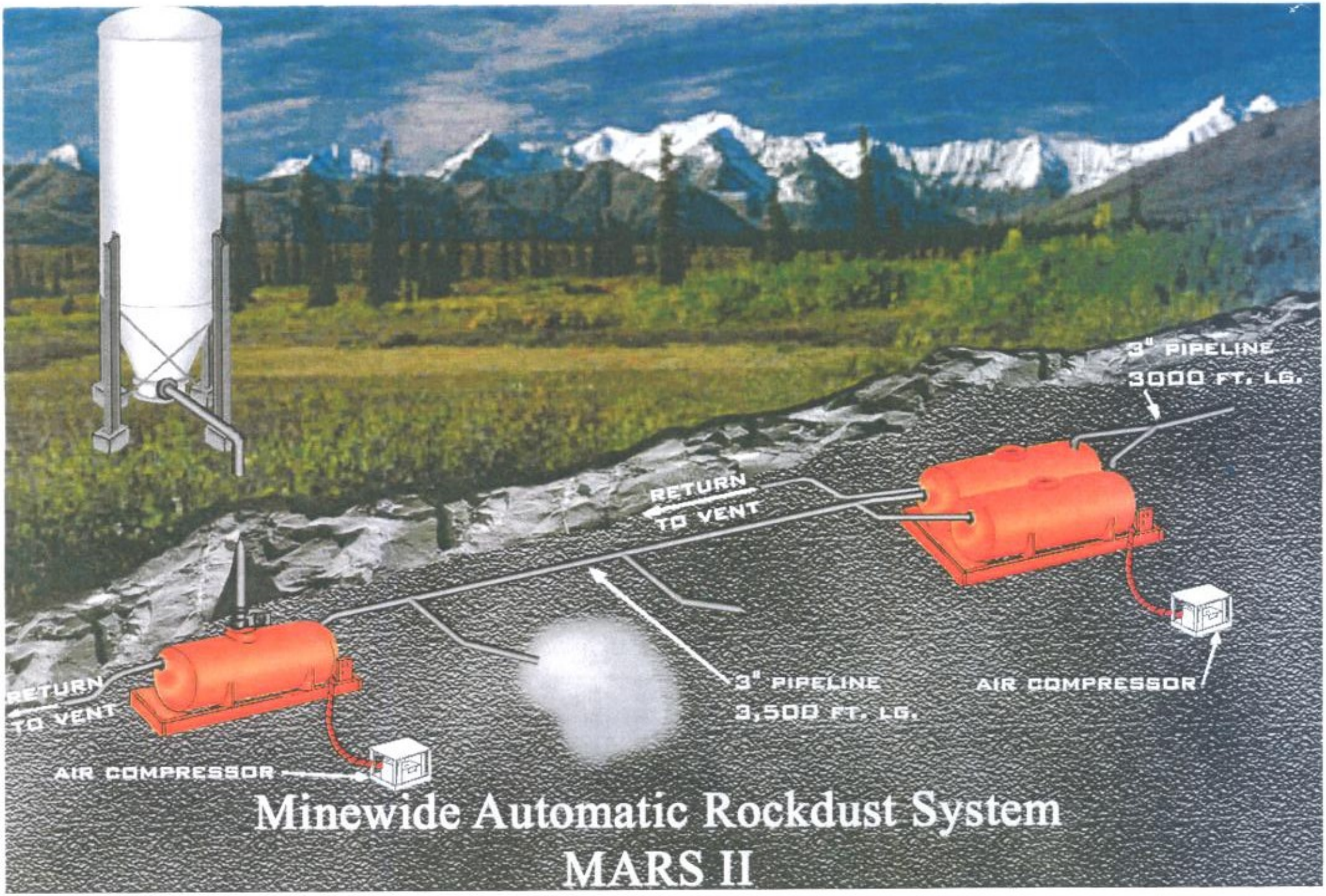
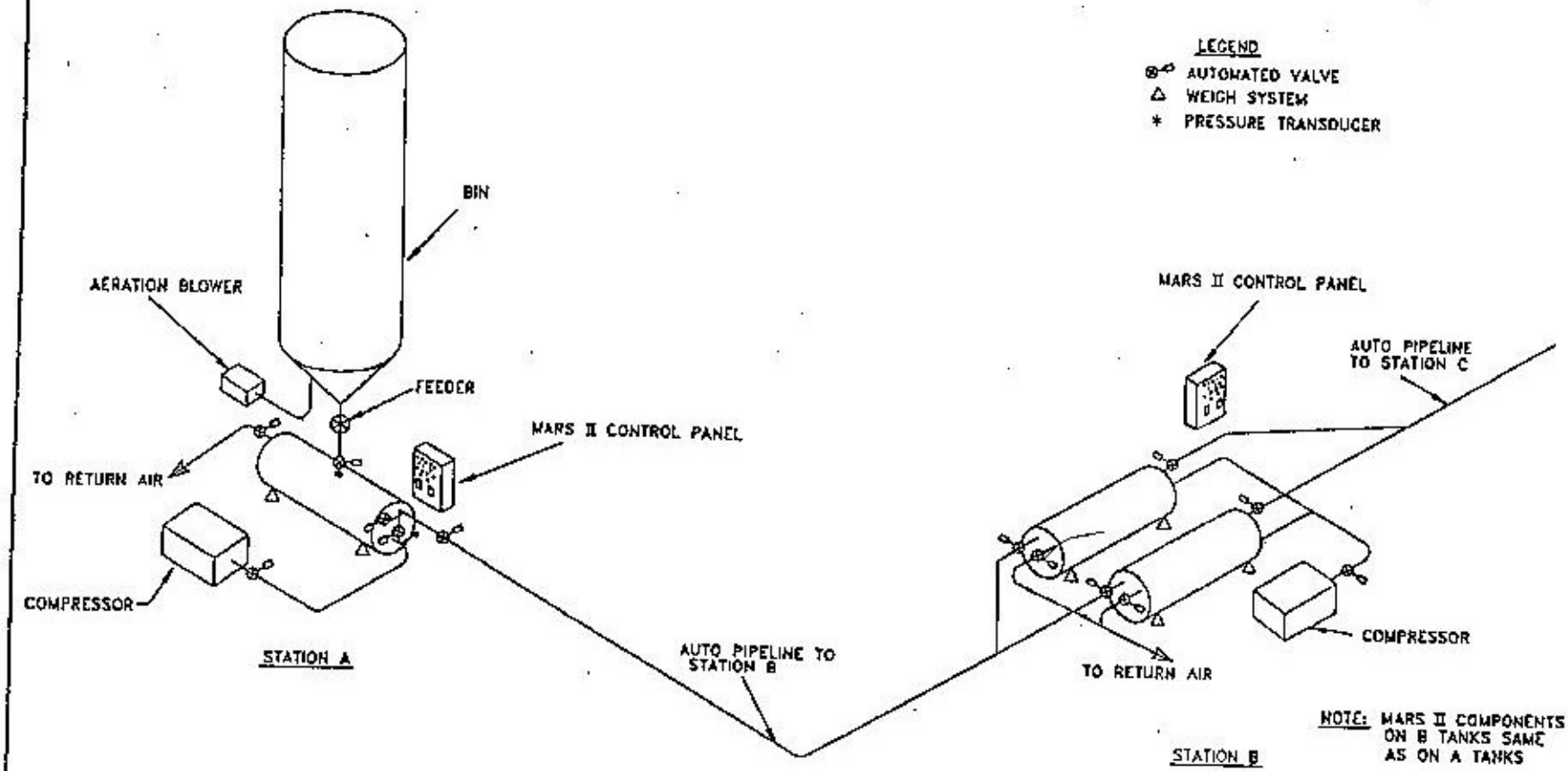


Minewide Automatic Rockdust System
MARS II



TOLERANCES (EXCEPT AS NOTED)	REVISIONS		
DECIMAL + −	NO.	DATE	BY
FRACTIONAL + −	1		
ANGULAR + −	2		
	3		
	4		
	5		

A. L. LEE
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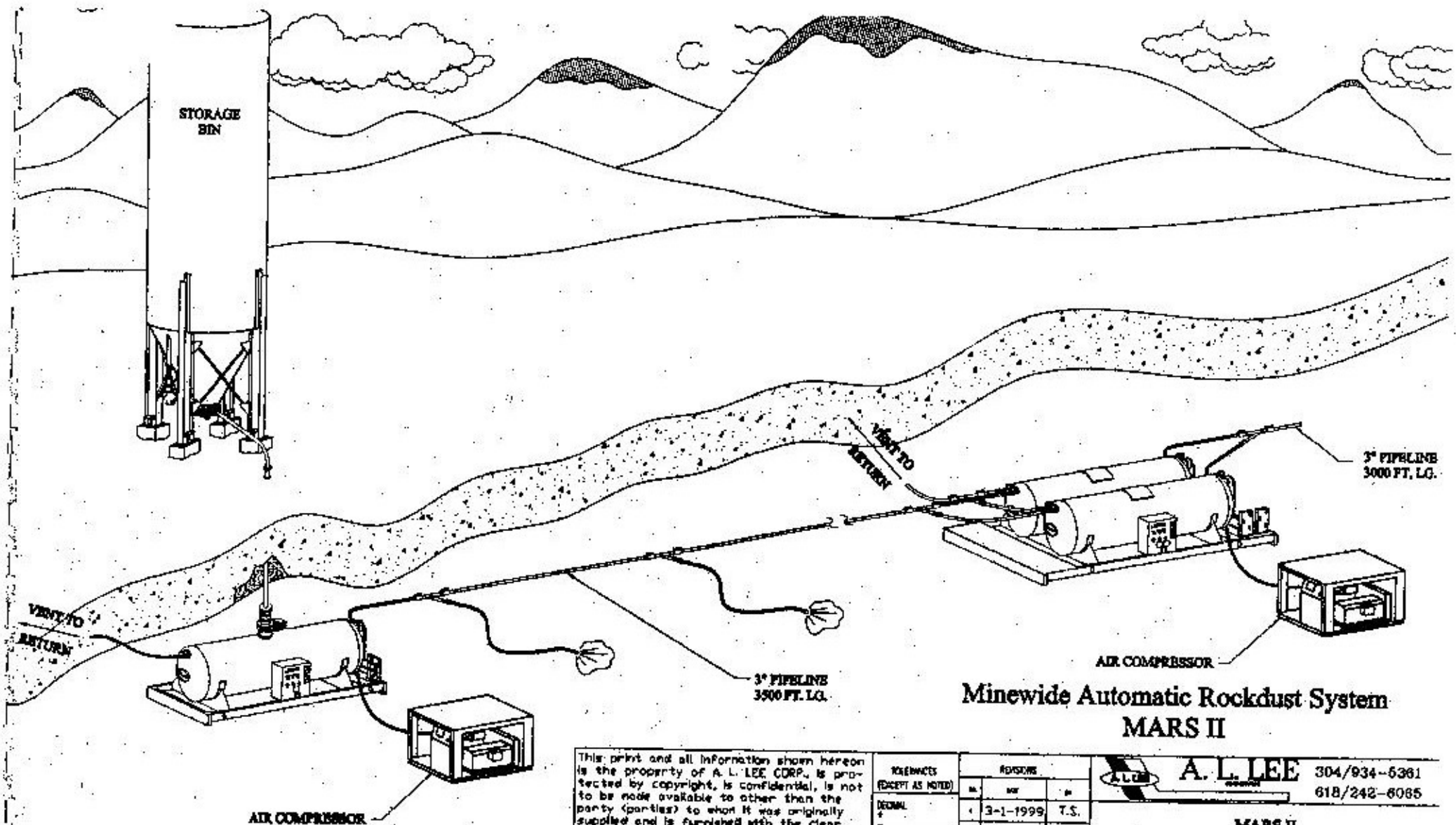
618/242-6065

MARS II STANDARD DUAL TANK ARRANGMENT

DRAWN BY: RI	SCALE: FULL	MATERIAL	
CHKD	DATE: 10/22/98	DRAWING NO.	
CODE: 57	APPD	S500006A	



Minewide Automatic Rockdust System
MARS II

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TOLERANCES (EXCEPT AS NOTED)
DECIMAL ±
FRACTIONAL ±
ANGULAR ±

REVISIONS			
NO.	DATE	BY	
1	3-1-1999	T.S.	
2			
3			
4			
5			

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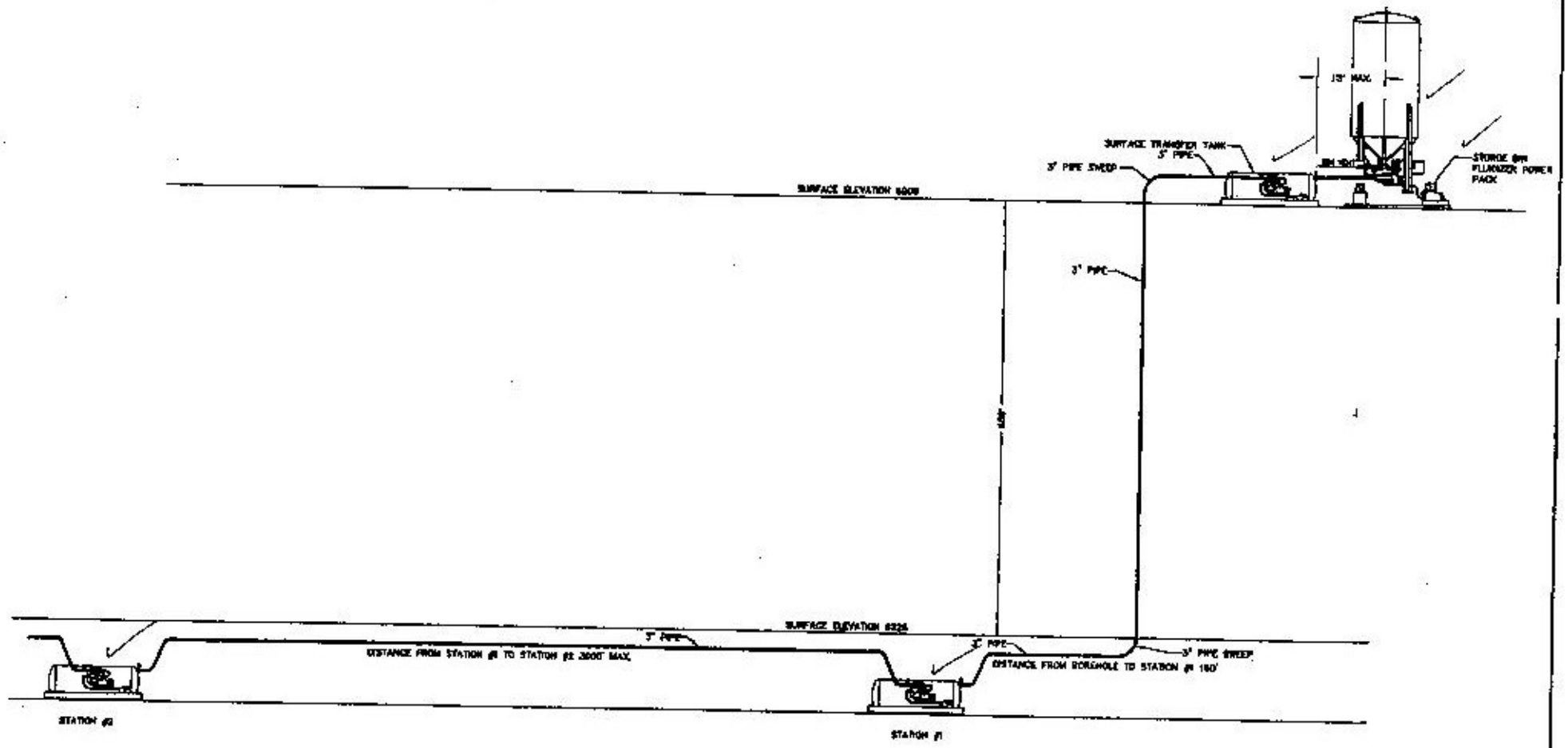
618/242-6085

MARS II

DRAWN BY T.S.	DATE 1/96	SCALE
CHECKED	DATE 10-23-98	DRAWING NO.
SHEET 57	APPD	S60854B



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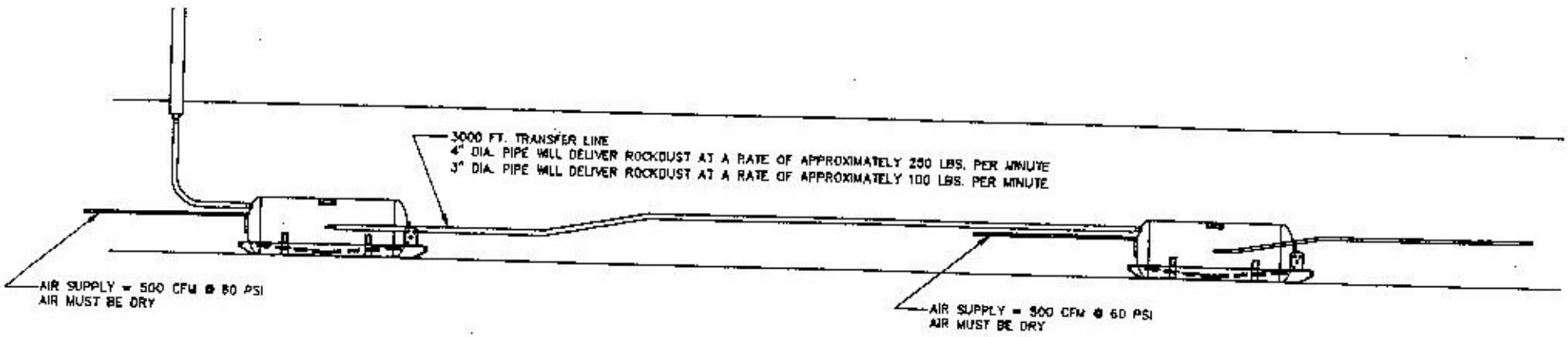
ROCKCHUTE TRANSFER SYSTEM



A.L.LEE
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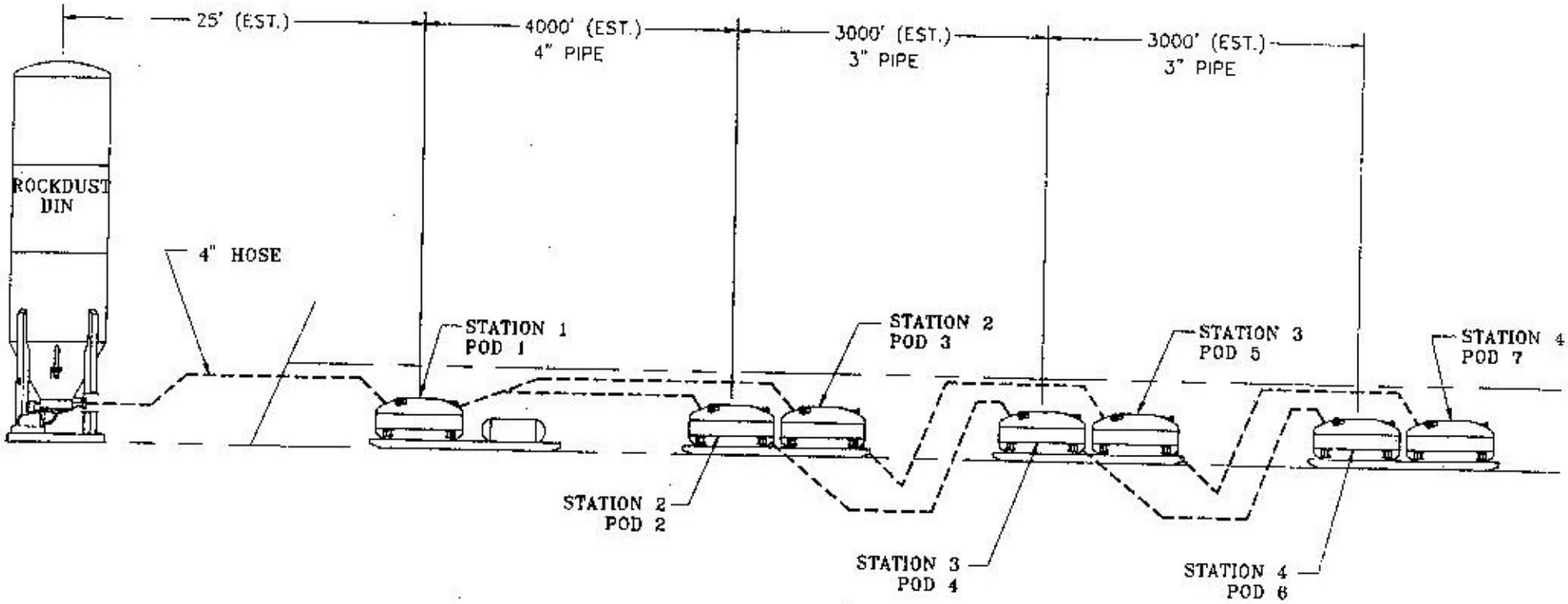
618/242-6065

PIPE LINE SYSTEM

RM	1/8"=1'	
	2-25-94	S58401B



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

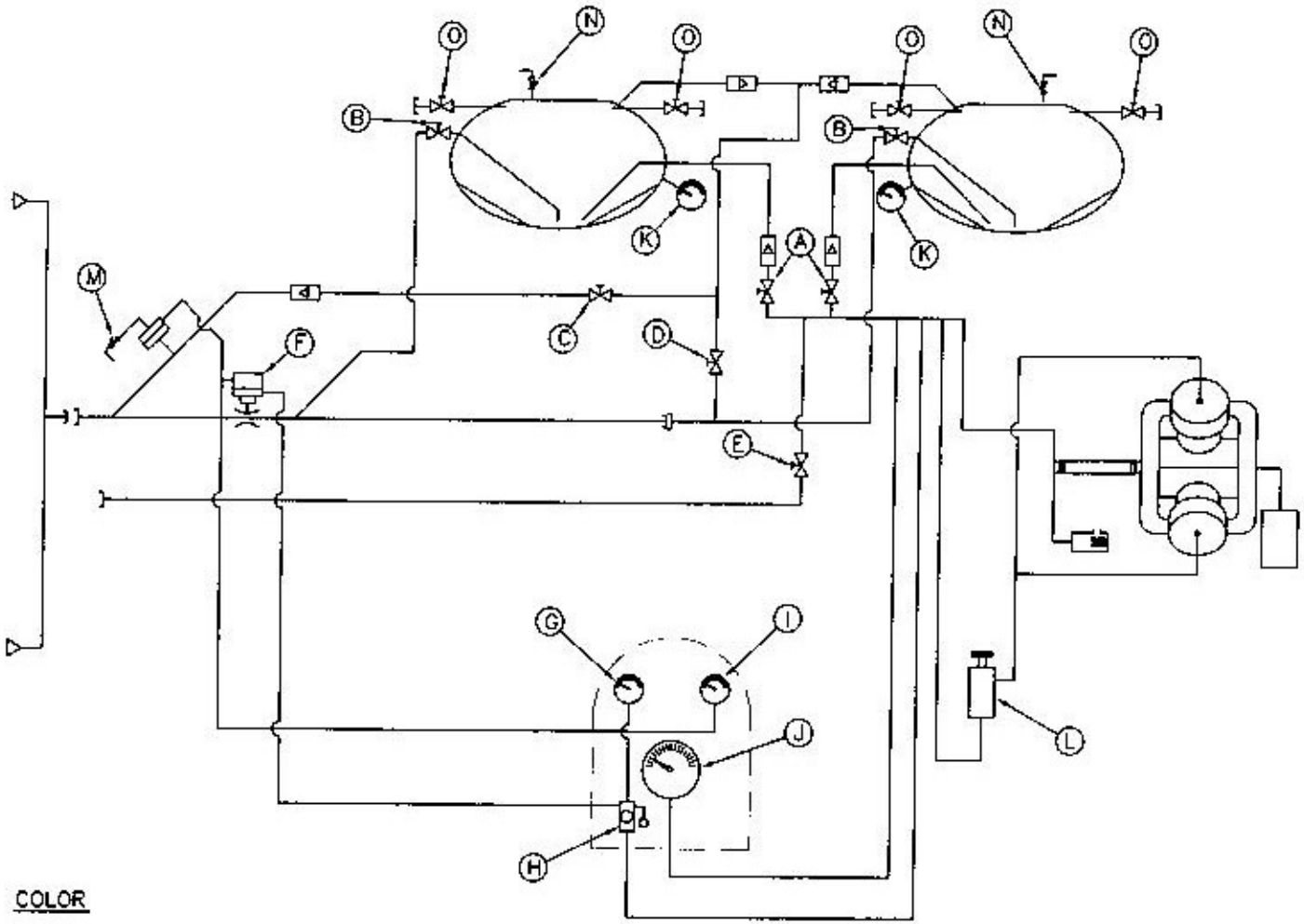
5 – 10 MIN TO FILL POD#1

50 TO 60 MIN TO FILL TRANSFER PODS

SCHEMATIC ONLY

SINGLE PIPE BETWEEN ALL STATIONS

TOLERANCES (EXCEPT AS NOTED)	REVISIONS			A. L. LEE	304/934-5361 618/242-6065
DECIMAL ±				ROCKDUST TRANSFER SYSTEM 95-224	
FRACTIONAL ±				DRAWN BY T.S.	SCALE 1/8"= 1'
ANGULAR ±				DATE 7-10-95	S593368



VALVE	COLOR
A	BLACK
B	BLUE
C	GREEN
D	RED
E	RED

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TOLERANCES (EXCEPT AS NOTED)
DECIMAL
FRACTIONAL
ANGULAR

MT. VERNON DIVISION
P.O. BOX 2370
2304 INDUSTRIAL DRIVE
MT. VERNON IL 62864
PHONE: (618) 242-6065

REVISIONS

NO	DATE	BY
1		
2		

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

A. L. LEE

WEST VIRGINIA DIVISION
P.O. BOX 99
2075 LESTER HIGHWAY
LESTER, WV 25885
PHONE: (304) 934-5381

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

DRAWN BY RM
SCALE NTS
SHEET NO
DATE 10/10/03
CHK'D
DRAWING NO A62F2TH C1