

2

1

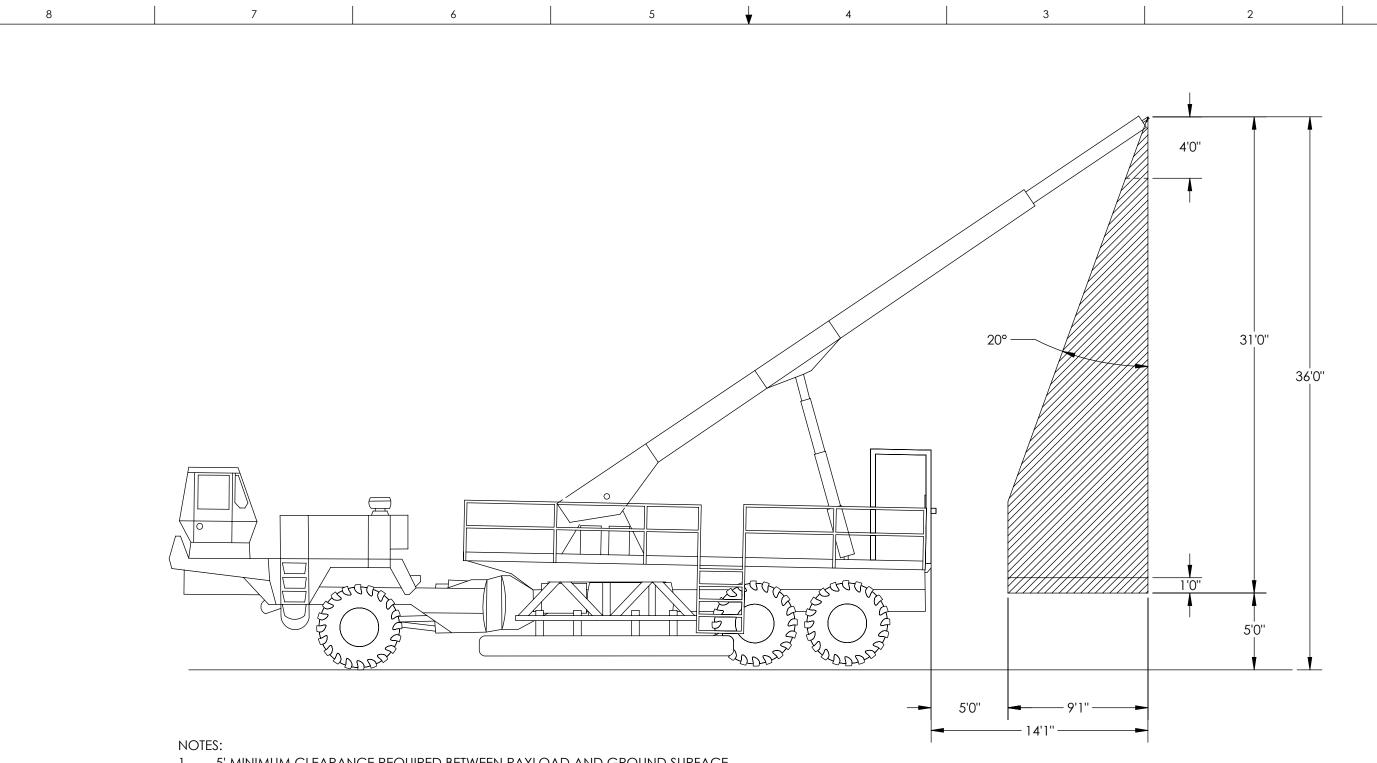
D

С

В

А

8	7	6	5	4	3
			1		



- 5' MINIMUM CLEARANCE REQUIRED BETWEEN PAYLOAD AND GROUND SURFACE 1.
- 2. 4' MINIMUM CLEARANCE REQUIRED BETWEEN PIN AND ROTATOR/SWIVEL (IF APPLICABLE)
- 3. LOWEST 1' OF PAYLOAD ENVELOPE FOR NON-RIGID ANTENNA ONLY

D

С

В

А

8 7 6 5 4 3
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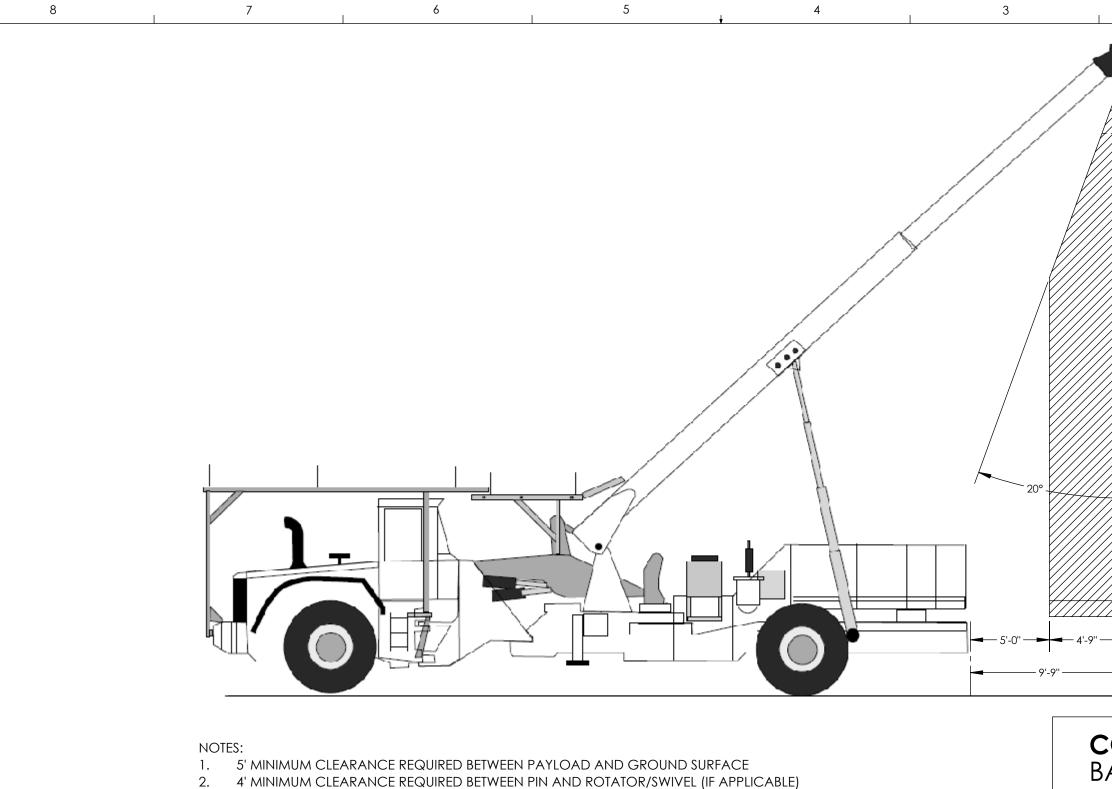
D

С

В

## COLUMBIA SCIENTIFIC BALLOON FACILITY





5

- LOWEST 1' OF PAYLOAD ENVELOPE FOR NON-RIGID ANTENNA ONLY 3.

6

D

С

В

А

8

7



4'-0"

34'-6"

1'-0''

DECIMAL

SCALE: -

3

4

5'-0''





1



D

39'-6"

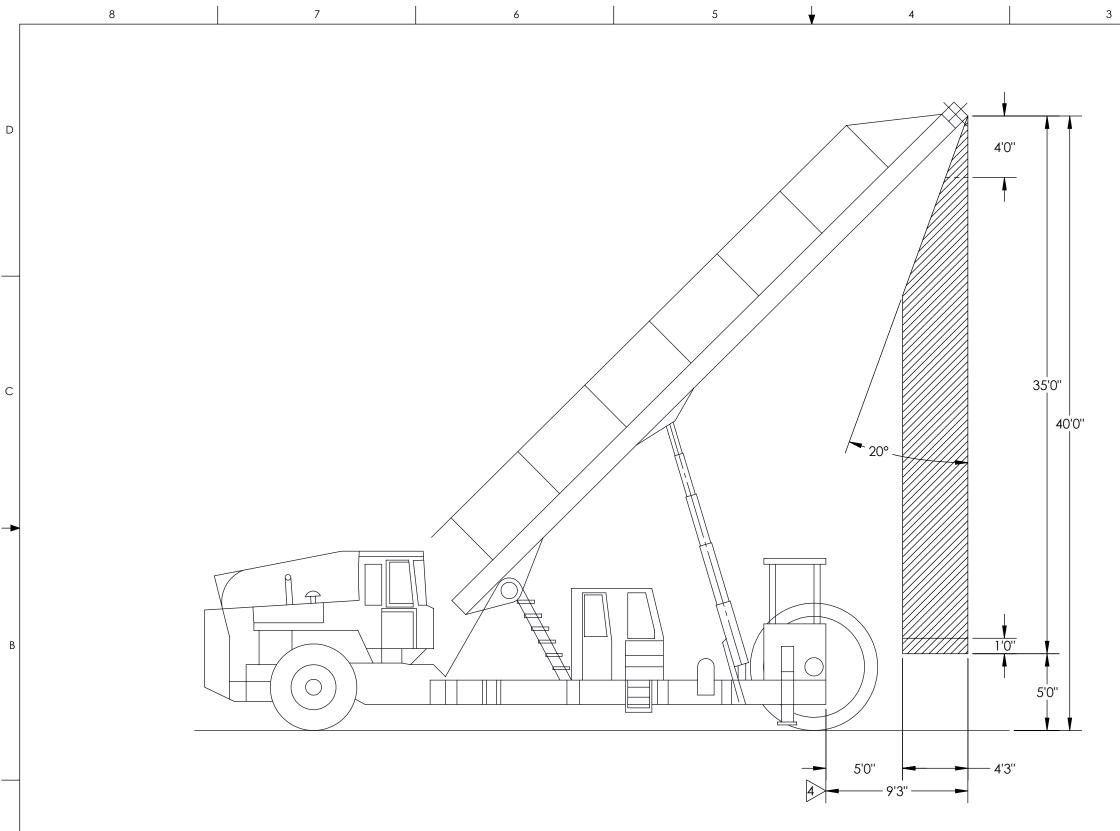
С

## COLUMBIA SCIENTIFIC



	DECIMAL	DRAWN BY:	DATE:	TITLE:		
	±0.01	J. Marsh	3/16/2021			
				Sweden Launch Ve	ehicle	
FRACTIONAL CHECKED BY:		DATE:				
	±1/32	H. Franco	3/16/2021			
	ANGULAR	APPROVED BY:	DATE:	DWG. NO.	REV.	A
	±0.1	J. Marsh	3/22/2021	OM-300-172-SW	В	
CALE: - NOT QUALIFIED FOR MANNED FLIGHT		PROJECT NAME: Hercules (Max Launch Height)				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		MATERIAL:				
		2		1		

2



## NOTES:

В

- 1. 5' MINIMUM CLEARANCE REQUIRED BETWEEN PAYLOAD AND GROUND SURFACE
- 2. 4' MINIMUM CLEARANCE REQUIRED BETWEEN PIN AND ROTATOR/SWIVEL (IF APPLICABLE)
- 3. LOWEST 1' OF PAYLOAD ENVELOPE FOR NON-RIGID ANTENNA ONLY
- SEE BOOM HEIGHT / LATERAL CLEARANCE TABULATION FOR ALTERNATE PIN HEIGHTS (SUBTRACT 3' IF PAYLOAD IS WIDER THAN WHEEL SPAN = 18'6")

8 7 6 5 • 4 3
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<b>COLUMBIA</b> SCIENTIFIC BALLOON FACILITY					
ACES	DECIMAL .XX ± .01 .XXX ± .005	DRAWN BY: J. Lang	DATE: 3/3/2005	Big Bill (MLV) Launch	
TOLERANCES	fractional ± 1/32	CHECKED BY: E. Klein	Date: 3/3/2005	Vehicle	
	angular ± .05	APPROVED BY: E. Klein	Date: 3/3/2005	DWG. NO. OM-300-173-SW B	
SCALE: 1:75		sheet: 1 OF	- 1	PROJECT NAME: MLV (Palestine & Ft. Sumner)	
NOT QUALIFIED UNLESS OTHERWISE FOR SPECIFIED DIMENSIONS MANNED FLIGHT ARE IN INCHES		MENSIONS	MATERIAL:		
2				1	

BOOM HEIGHT	CLEARANCE
25'	20'
30'	17'
35'	13'6"
40' as shown	9'3'' As shown
41'	8'

D

С

В