martin® DUST CONTROL SITE SURVEY

Note: Please include photos, drawings or sketches and a plant flow diagram with belt speeds and tph.

salesperson/distributor

Salesperson/Distributor:

Phone: Fax: E-mail:

Best time to call:

customer

Contact Name:

Company:

Address:

City: State: Zip:

Country:

Phone: Fax: E-mail:

budget & timetable

Is project budgeted for? ❑ Yes ❑ No

When is budgetary quote required?

How soon will project start?

Is project to be installed during a scheduled outage? ❑ Yes ❑ No

If yes, give dates:

project

Project Name:

What is the project (conveyor, crusher, whole plant, etc.)?

objective

What are the current dust control methods?

What are the current cleanup times or costs?

What are the expected results?

How will success be determined?

Define immediate areas of concern.

site conditions

What is ambient temperature (F,C)? Maximum Minimum

Will freeze control be required?

What is annual rain/snowfall in this area (in,cm)?

Is wind a problem?

What is wind speed (mph, m/s)? Average Maximum

What is prevailing wind direction?

What are the present airborne dust emission levels (mg/m3)?

material

What is the material being handled?

What is the moisture content range of the material (%)?

What is the bulk density (lb/cu/ft, kg/cu/m)?

Can water be used on this material?

Can chemical surfactants be used on this material?

Does material get sticky when wet?

How is material being handled?

How may tons per hour are being handled?

Is the material flow continuous or intermittent?

How many times is the material being handled, crushed, etc.?

Is the material toxic, radioactive, reactive, or explosive?

What is the maximum material temperature (F,C) for belt cleaners?

crushers

What type is the primary crusher (jaw, gyro, cone, impact)?

What is the primary crusher's rated capacity (tph)?

What is the material size? Minimum Maximum

What is the air velocity out of primary crusher discharge?

What type is the secondary crusher (jaw, gyro, cone, impact)?

What is the secondary crusher's rated capacity (tph)?

What is the material size? Minimum Maximum

What is the air velocity out of secondary crusher discharge?

What type is the tertiary crusher (jaw, gyro, cone, impact)?

What is the tertiary crusher's rated capacity (tph)?

What is the material size? Minimum Maximum

What is the air velocity out of tertiary crusher discharge?

conveyors, vibratory feeders

Belt width (in,cm):

Belt speed (fpm,m/s):

Length of belt (ft,m):

Incline angle of belt:

Tons per hour handled:

Conveyor type (reversing, tripper, stacker):

Belt fed by:

Belt feeds to:

Belt run time (hours per day):

Number of load zones:

Distance between load zones:

Does this belt have good skirting on it?

Does this belt have exit curtains on it?

Are there belt cleaners installed on this belt? Type:

What is the material drop height from belt?

What is the air velocity at head chute discharge (fpm, m/s)?

site utilities

Air supply (psi,cfm) (bar, cu.dm/sec):

Note: air supply to be 80-110 psi, 80 cfm dynamic

Is the air supply dry and filtered?

Are there problems with low air pressure/water in the lines?

How close is air supply to control cabinet (ft,m)?

Is anything else operating off this air supply?

Electric supply (voltage, phase, hertz):

***Note**: Required supply is 110v. **Note**: Customer to do ALL electrical tie-in.*

Does electric supply have voltage drops, spikes, etc.?

How close is electricity supply to application (ft,m)?

Does the dust control equipment have to be explosion-proof?

What is the National Electric Code rating (division,class,group)?

service & support

How will service/support be handled?

How will spare parts be handled?

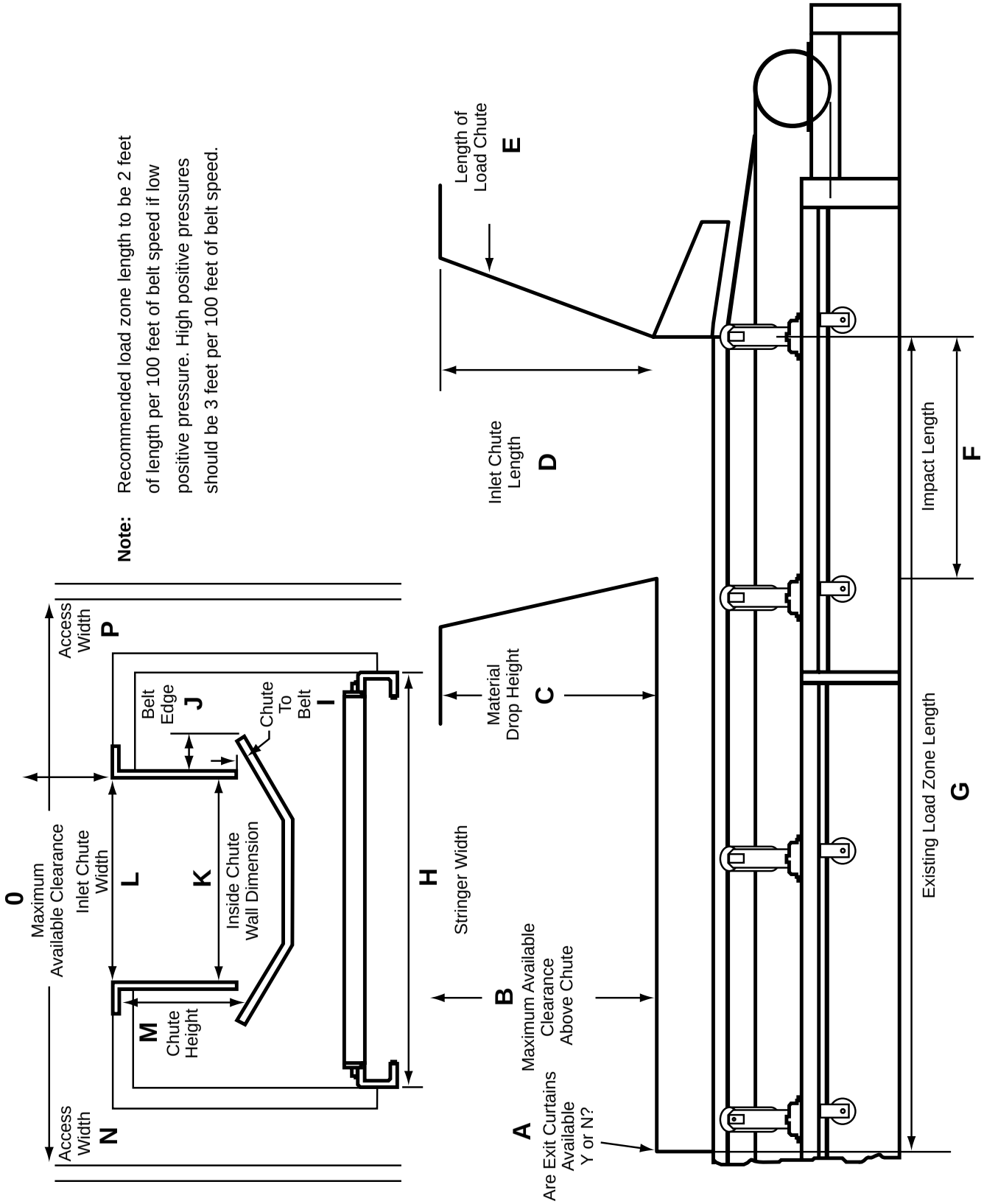
plant layout

Sketch plant layout to allow trailer or permanent equipment to be more complete when it arrives.
Specify proposed locations of tanks, control modules, foamers, nozzles, sensors, etc.

dimension variables

Dimension Variables	Conveyor Number				
	1	2	3	4	5
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					
O					
P					

Refer to page 5 for dimension variables.



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