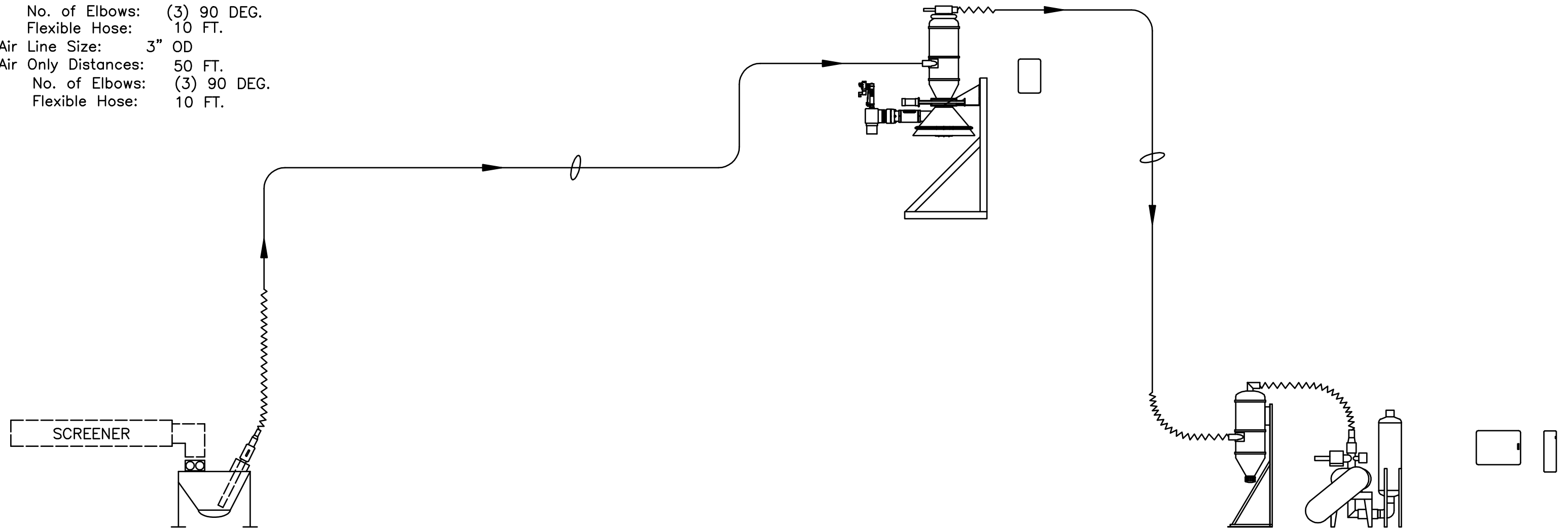


SYSTEM 01 PROFILE

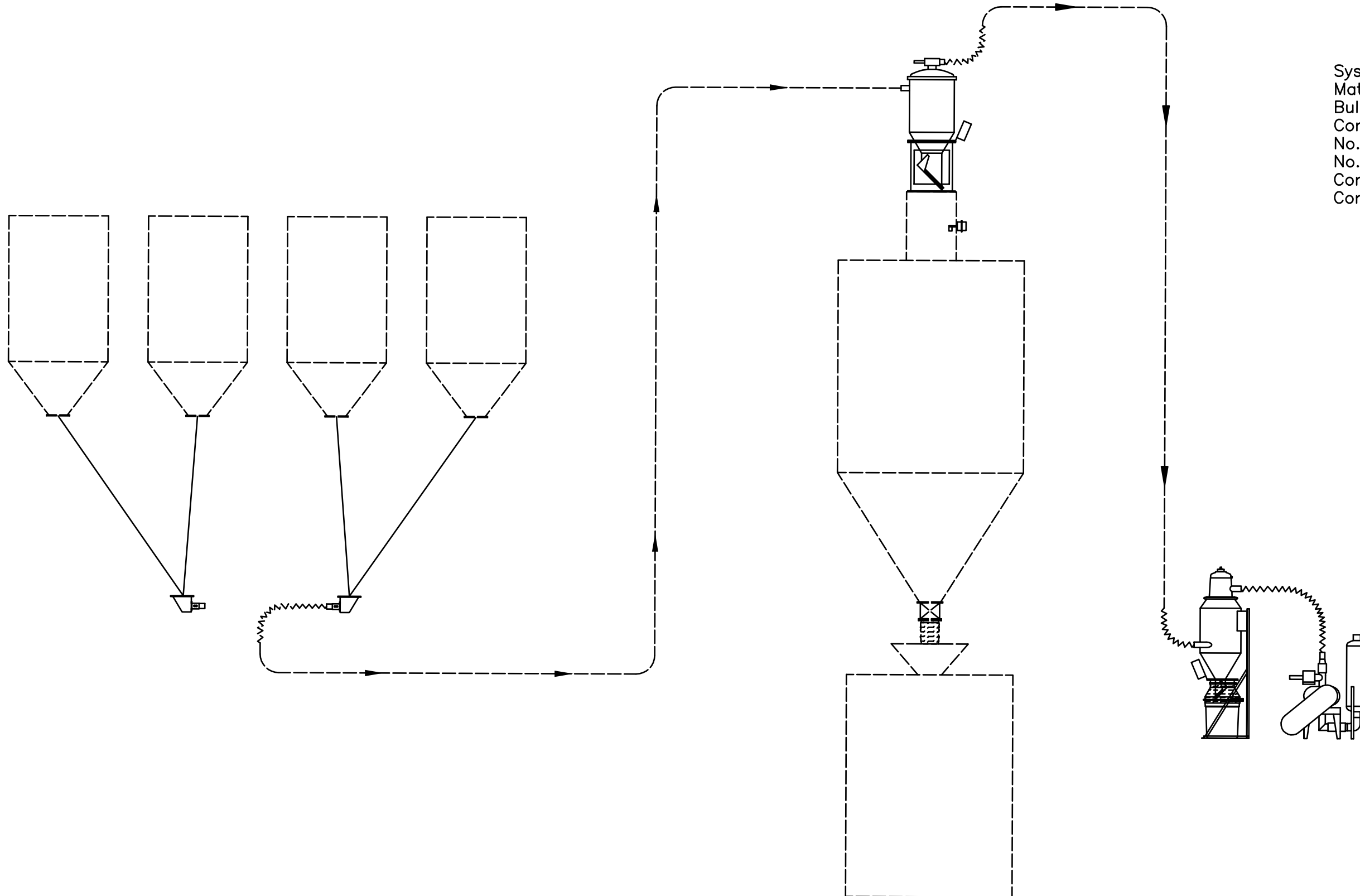
System Type: 2400 Vacuum Sequencing
Material: "Bits" Fine Sugar & Corn Syrup Mix
Bulk Density: 35-40 LBS./CU. FT.
Conveying Rate: 1,000 LBS./HR.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 2 1/2" OD
Conveying Distances
Horizontal: 45 FT.
Vertical: 15 FT.
No. of Elbows: (3) 90 DEG.
Flexible Hose: 10 FT.
Air Line Size: 3" OD
Air Only Distances: 50 FT.
No. of Elbows: (3) 90 DEG.
Flexible Hose: 10 FT.



Food Industry

This project was for a food seasonings producer. This system involved a vacuum sequencing system to load fine sugar and corn syrup mixes in different flavors from the outlet of a screener to load small tray containers. Design includes unique dust collection apparatus on the outlet of receiver to cut down on dust during dump from the receiver discharge.





SYSTEM 01 PROFILE

System Type: 2400 VACUUM SEQUENCING
 Material: COFFEE BEANS
 Bulk Density: 33 LBS./CU. FT.
 Conveying Rate: 9,000 LBS./HR.
 No. of Sources: 1 OF 4
 No. of Destinations: 1
 Conveying Line Size: 4" OD TUBE
 Conveying Distances
 Horizontal: 20 FT.
 Vertical: 30 FT.
 No. of Elbows: (3) 90 DEG.
 Flexible Hose: 15 FT.

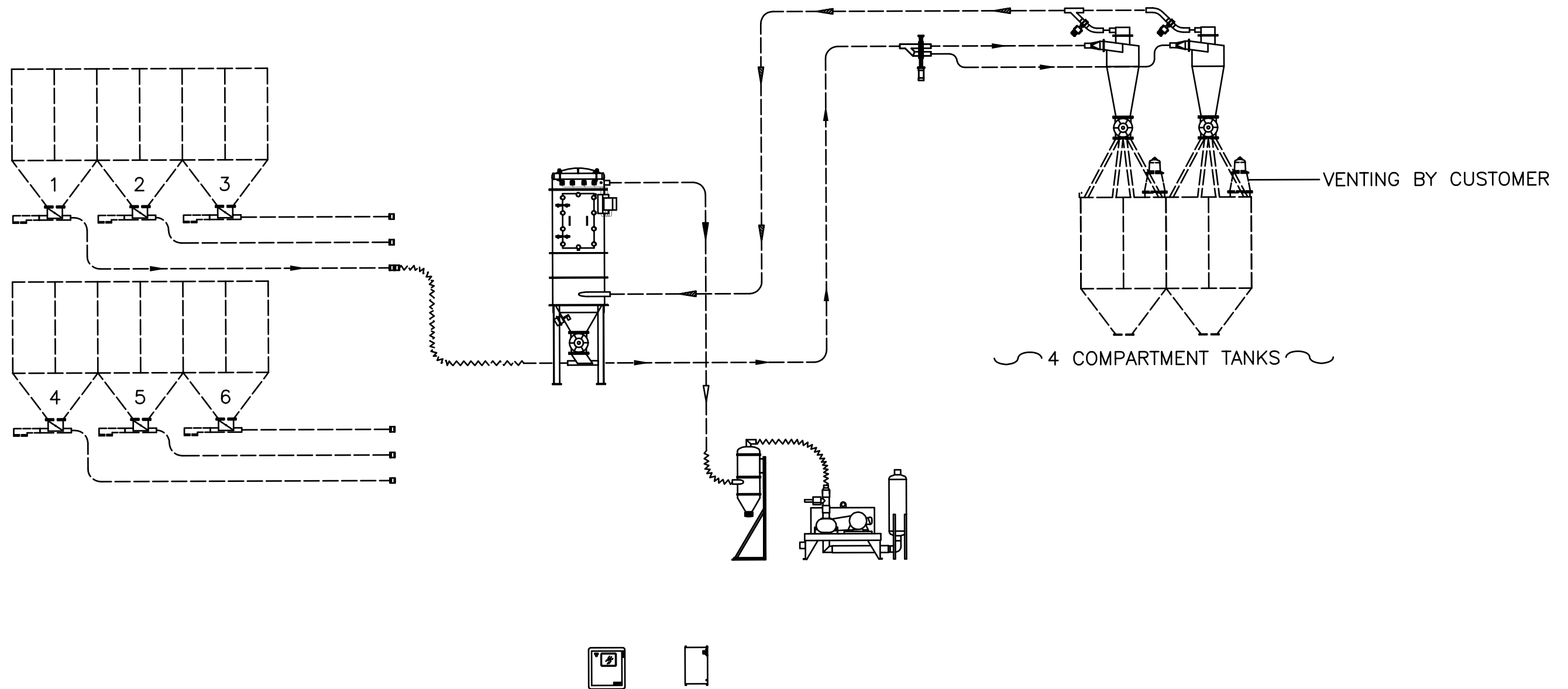
Food Industry

This project was sold to a coffee supplier. Coffee beans are transferred by vacuum sequencing system from surge bins to a roaster.



SYSTEM 01 PROFILE

System Type: Vacuum Transfer
Material: Ground Roasted Coffee
Bulk Density: 20 LBS./CU. FT.
Conveying Rate: 5,000 LBS./ HR. Maximum
No. of Sources: 6
No. of Destinations: 2
Conveying Line Size: 3" O.D.
Conveying Distances
Horizontal: 320 FT.
Vertical: 45 FT.
No. of Elbows: (5) 90°
Flexible Hose: 5 FT.



Food Industry

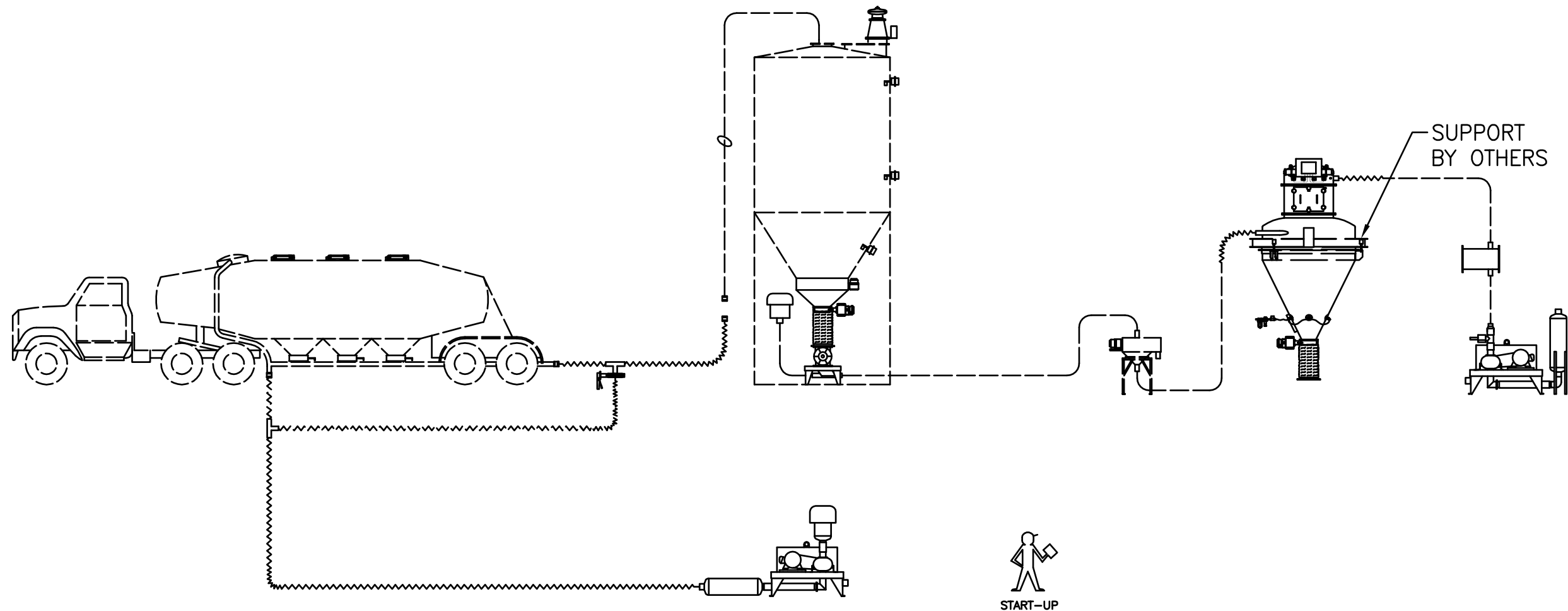
A large wholesale coffee supplier needed a system to convey coffee from their roasters to one of two multi compartment storage bins in the packaging area. We supplied a vacuum system to convey the ground coffee from one of the six roasters; a manual hose switch was used to select the roaster. The carryover of the cyclone was taken back to a filter and reintroduced into the system, which helped eliminate waste.

SYSTEM 01 PROFILE

System Type: PD Truck Unload
Material: Corn Starch
Bulk Density: 37 LBS/CU. FT.
Conveying Rate: 18,000 LBS./HR.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 4 In. O.D. 16 Ga. Tube
Conveying Distances
Horizontal: 15 FT.
Vertical: 40 FT.
No. of Elbows: (3) 90 DEG.
Flexible Hose: 15 FT.

SYSTEM 02 PROFILE

System Type: Vacuum Transfer
Material: Corn Starch
Bulk Density: 37 LBS/CU. FT.
Conveying Rate: 18,000 LBS./HR.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 6 In. Sch. 10 Pipe
Conveying Distances
Horizontal: 85 FT.
Vertical: 55 FT.
No. of Elbows: (5) 90 DEG.
Flexible Hose: 10 FT.



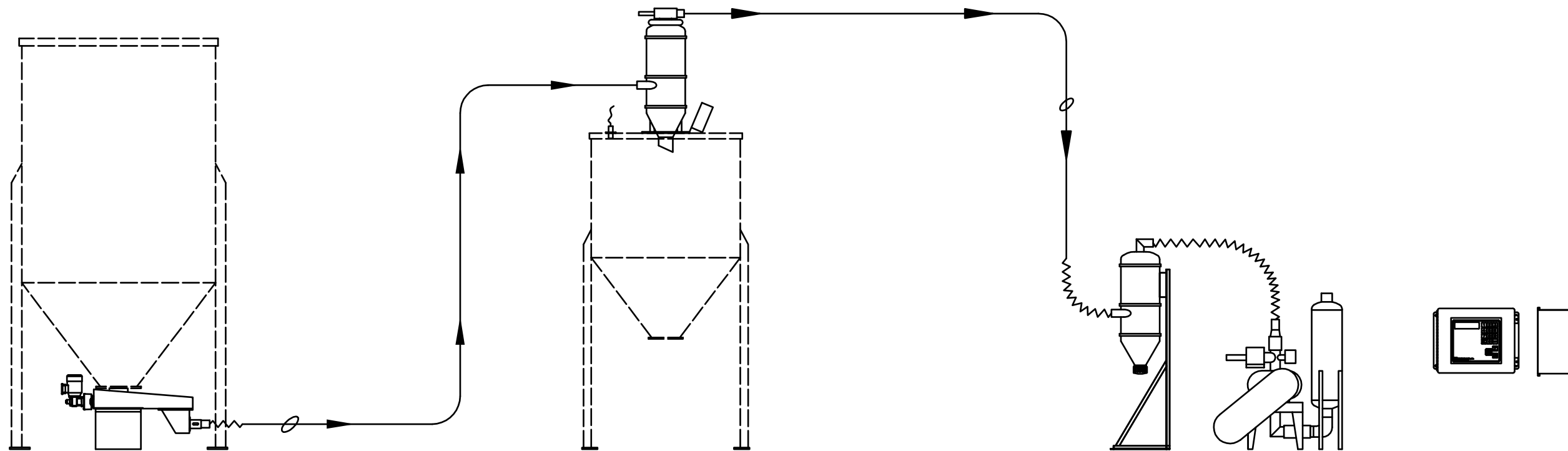
Food Industry

This project was supplied to food seasonings processor. Corn starch was unloaded from PD trucks to a storage tank. The second system provided was a vacuum scaling system to transfer product from storage tank to scale above a mixer.



SYSTEM 01 PROFILE

System Type: MODIFIED 2400
Material: DRY PET FOOD
Bulk Density: 16-30 LBS./CU. FT.
Conveying Rate: APPROX. 5000 LBS./HR.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 3 IN. OD
Conveying Distances
Horizontal: 60 FT.
Vertical: 40 FT.
No. of Elbows: (4) 90 DEG.
Flexible Hose: 0 FT.



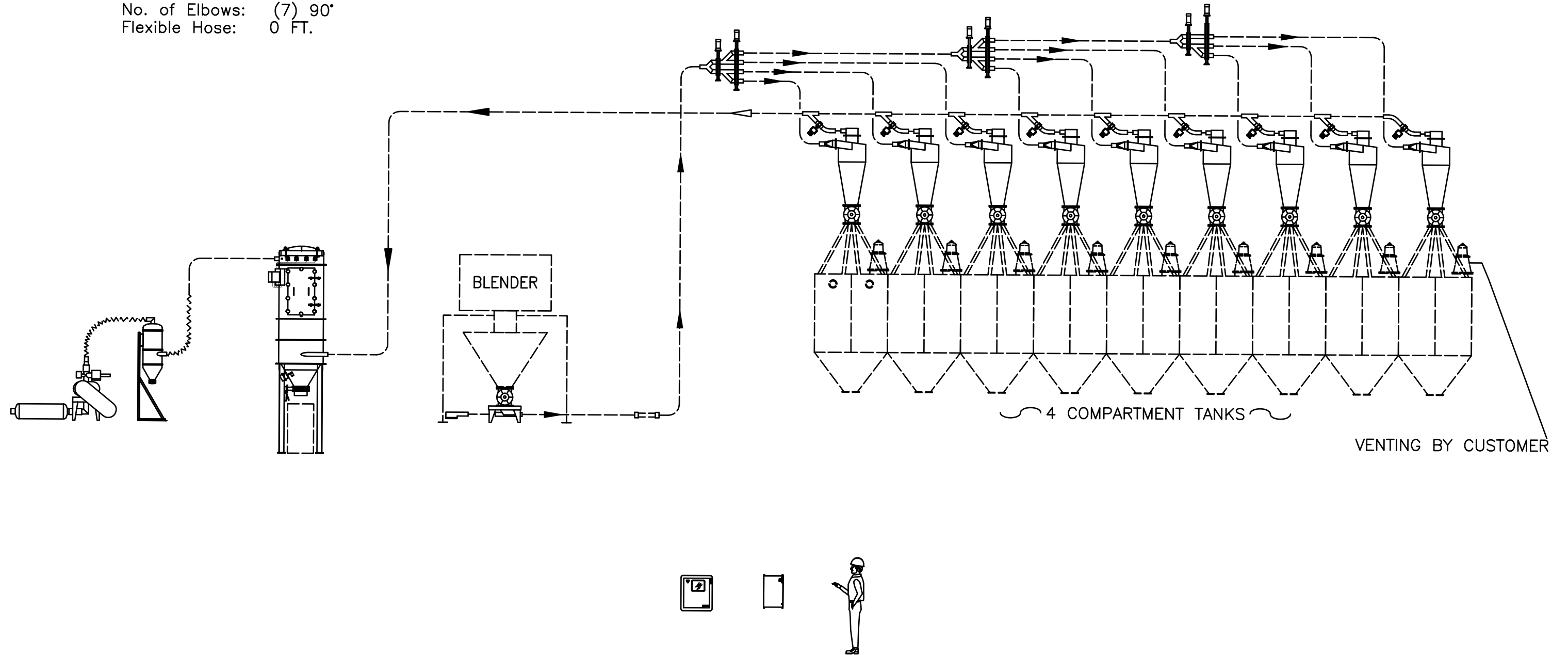
Food Industry

This system is for a pet food manufacturer. This system was designed to reclaim dry pet food back into a packaging system. The system uses a 2415 vacuum receiver to transfer the material from a vibratory feeder.



SYSTEM 01 PROFILE

System Type: Vacuum Transfer
Material: Flavored Whole Bean Roasted and Ground Coffee
Bulk Density: 17.7 to 20 LBS./CU. FT.
Conveying Rate: 4,000 LBS./ HR. Maximum
No. of Sources: 1
No. of Destinations: 1 of 7
Conveying Line Size: 3" O.D.
Conveying Distances
Horizontal: 30 FT.
Vertical: 45 FT.
No. of Elbows: (7) 90°
Flexible Hose: 0 FT.

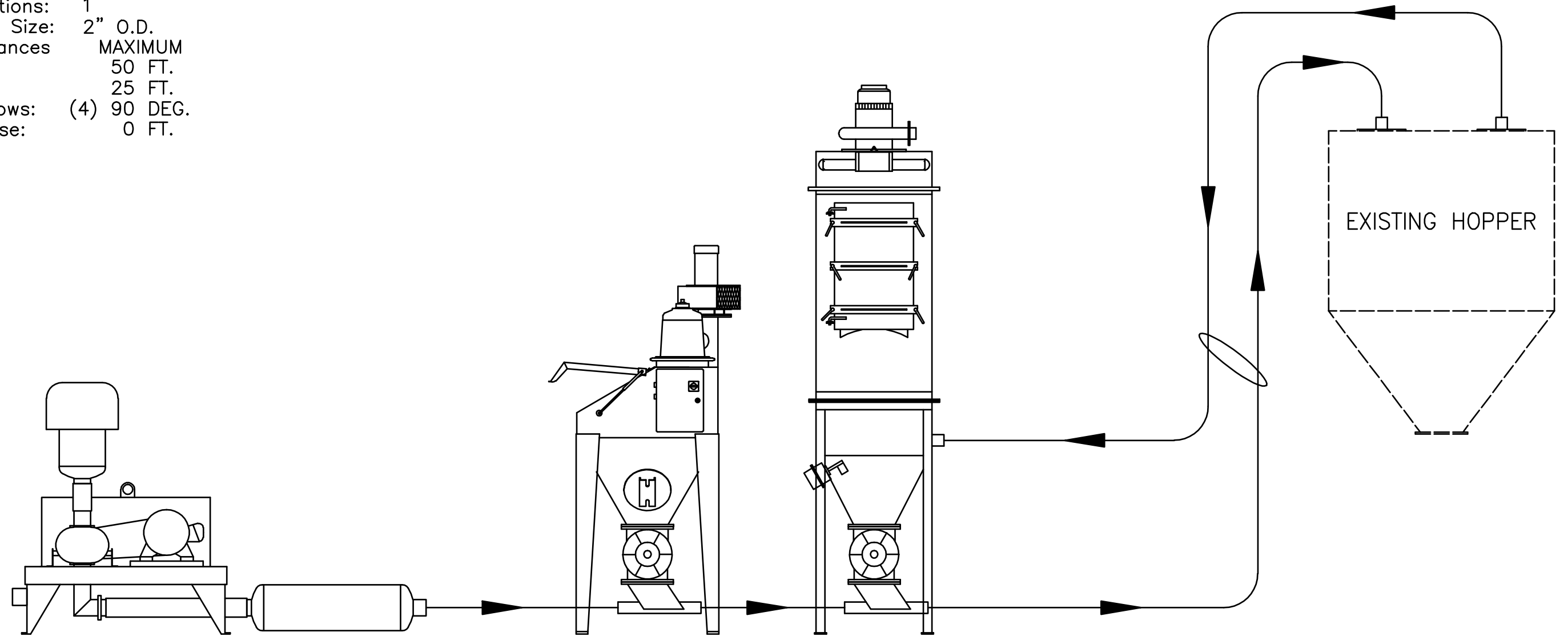


Food Industry

This system was supplied to a large wholesale coffee supplier. The project required that flavored whole bean or ground coffee be conveyed from the blender to one of nine multi compartment storage bins in the packaging area. With limited overhead space we utilized a vacuum conveying system with a shortened cyclone design. Multi-position diverter valves were used to direct the coffee to the correct storage bin.

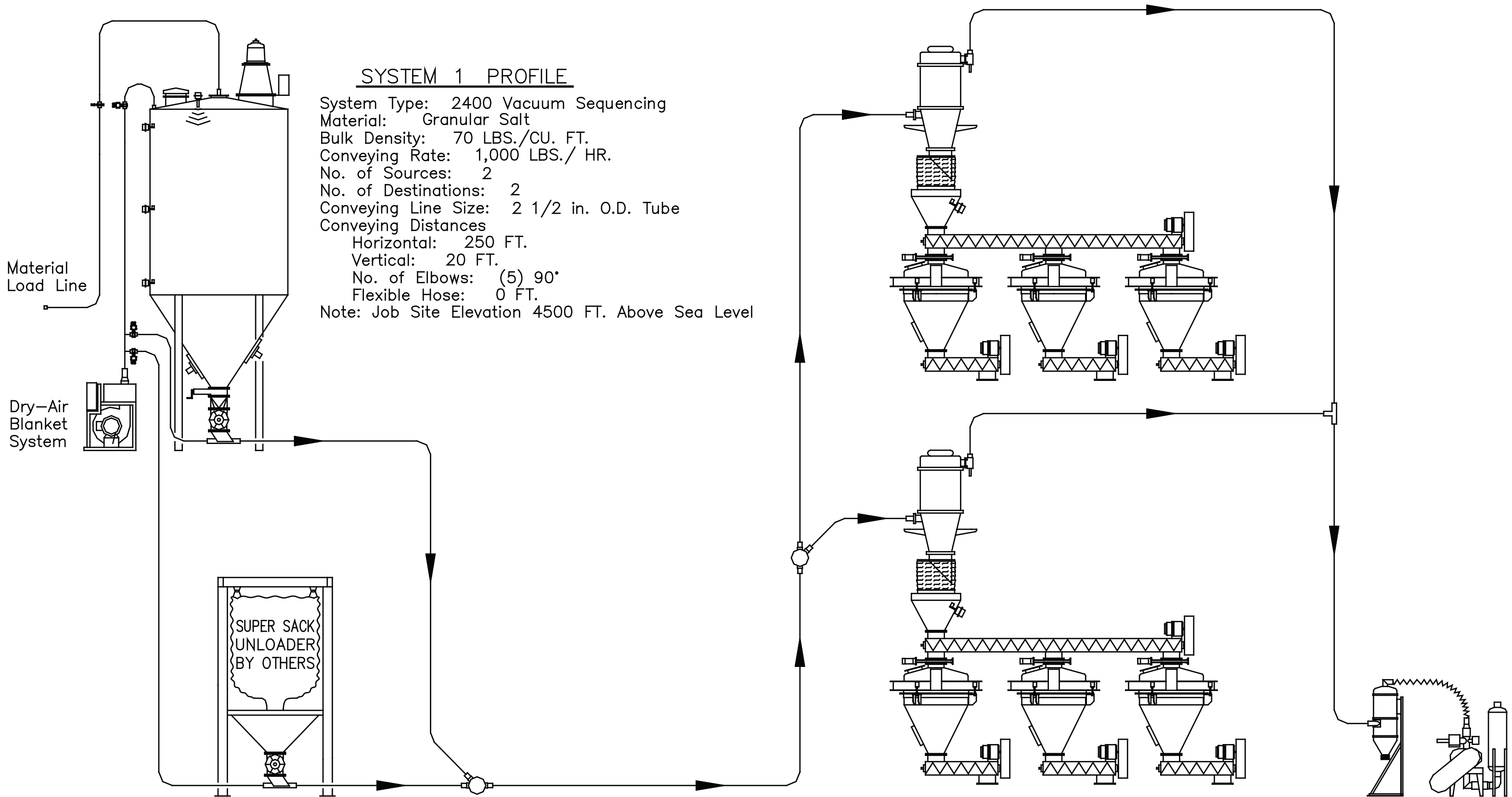
SYSTEM 01 PROFILE

System Type: PRESSURE TRANSFER
Material: FLOUR AND/OR CORN MEAL
Bulk Density: 32 LBS./CU. FT.
Conveying Rate: 5,000 LBS./HR.
No. of Sources: 2
No. of Destinations: 1
Conveying Line Size: 2" O.D.
Conveying Distances
Horizontal: 50 FT.
Vertical: 25 FT.
No. of Elbows: (4) 90 DEG.
Flexible Hose: 0 FT.



Food Industry

This project was provided to a gravy and mix plant, that had an existing system with filtering issues on top of the silo. Our design provided a new silo filter at ground level and a small system to re-circulate any carry over material back into the silo. The system also included a sack dump station to reintroduce broken 50 lb. bags into the system.



SYSTEM 1 PROFILE

System Type: 2400 Vacuum Sequencing
 Material: Granular Salt
 Bulk Density: 70 LBS./CU. FT.
 Conveying Rate: 1,000 LBS./ HR.
 No. of Sources: 2
 No. of Destinations: 2
 Conveying Line Size: 2 1/2 in. O.D. Tube
 Conveying Distances
 Horizontal: 250 FT.
 Vertical: 20 FT.
 No. of Elbows: (5) 90°
 Flexible Hose: 0 FT.
 Note: Job Site Elevation 4500 FT. Above Sea Level

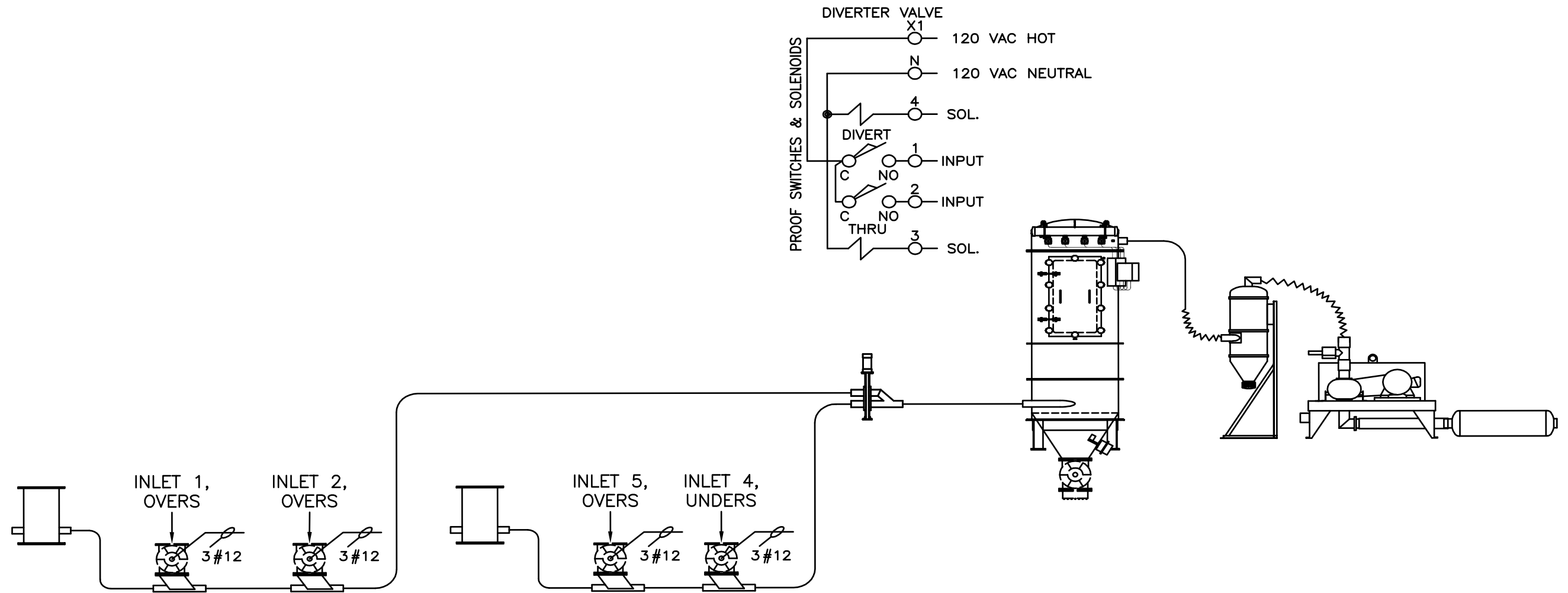
Food Industry

This project was for a cheese processor. Granular salt from either a storage tank or a bulk bag unloader were transferred by a vacuum sequencing system to scales used in the salt brine mixture process for cheese production. A dryer was supplied to condition the air used in conveying and to keep a dry blanket of air on the outside storage tank.



SYSTEM PROFILE

System Type: Vacuum Transfer
 Material: Granulated Sugar
 Bulk Density: 55 PCF
 Conveying Rate: 6,000 PPH
 No. of Sources: 4
 No. of Destinations: 1
 Conveying Line Size:
 Conveying Distances
 Horizontal: 125 FT.
 Vertical: 28 FT.
 No. of Elbows: (3)90° (2)30°
 Flexible Hose: 0 FT.
 Blower Design(HG): 10"HG
 Air Line Size: 5"OD



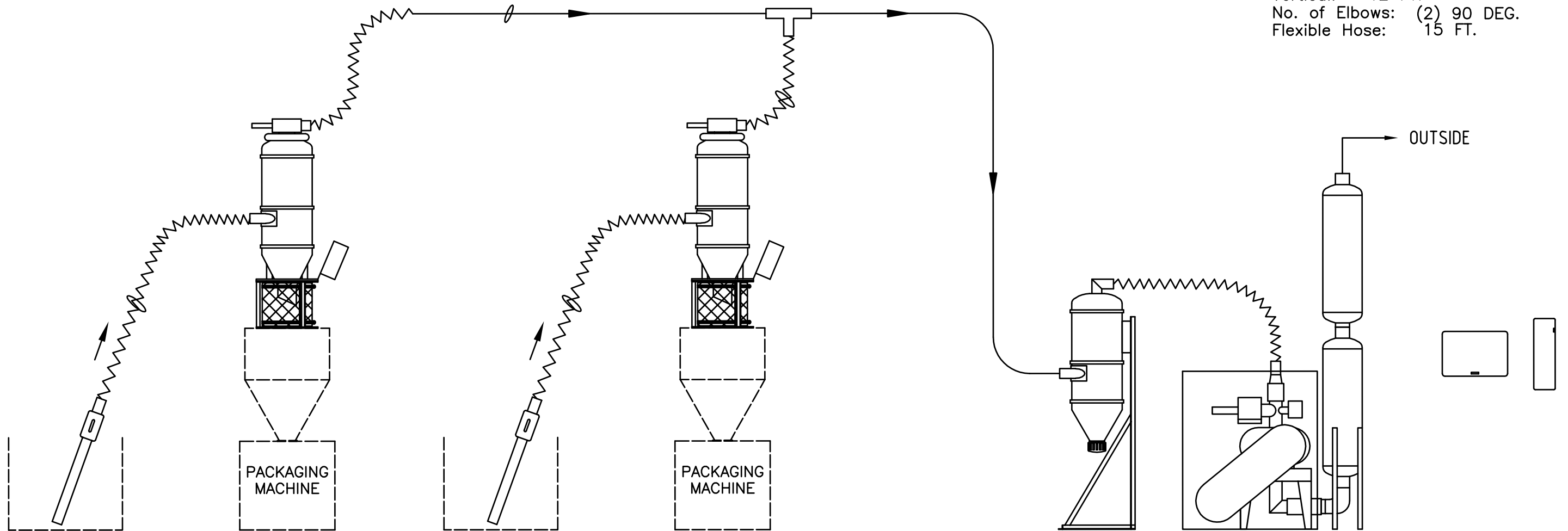
Food Industry

This project was for a sugar processor. This was a continuous vacuum system for granulated sugar from four screener sources to one destination.



SYSTEM 5 & 6 PROFILE

System Type: Vacuum Sequencing
Material: Ground Coffee
Bulk Density: 30 LBS./CU. FT.
Conveying Rate: 800 LBS./HR.
No. of Sources: 1
No. of Destinations: 2
Conveying Line Size: 2 1/2" I.D. Hose
Conveying Distances
Horizontal: 10 FT.
Vertical: 12 FT.
No. of Elbows: (2) 90 DEG.
Flexible Hose: 15 FT.



Food Industry

This project was provided to a small coffee supplier/packager. The system allowed the customer to reduce labor and increase production. The system we supplied used a 2400 vacuum conveying system transferring material from fiber drums to their packaging machines. The blower included a sound enclosure and double silencers to help reduce noise in the operator area.



SYSTEM 01 PROFILE

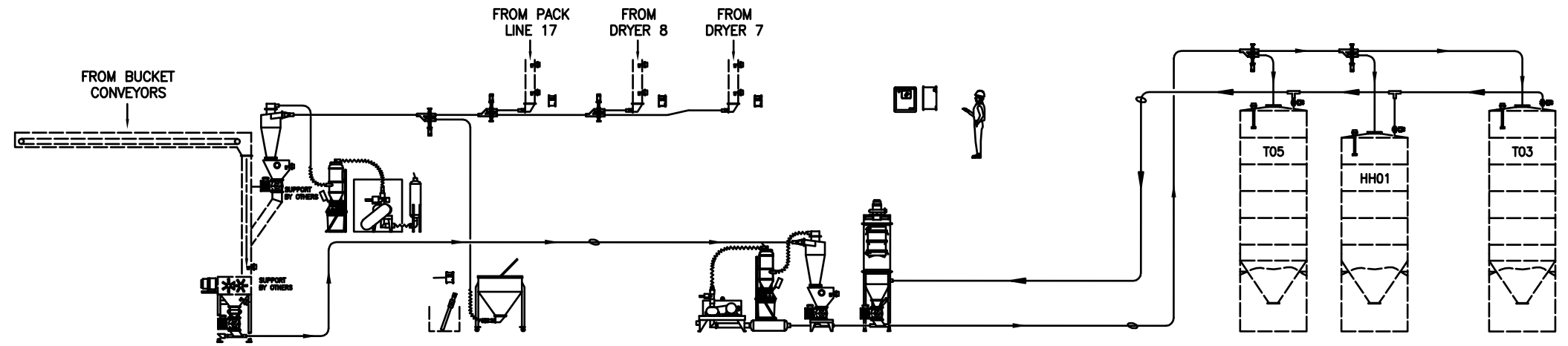
System Type: SINGLE BLOWER VACUUM/PRESSURE
 Material: LONG GOODS REGRIND PASTA
 Bulk Density: 30-52 LBS./CU. FT.
 Conveying Rate: 10,000 LBS./HR.
 No. of Sources: 1
 No. of Destinations: 1 OF 3 TANKS
 Vacuum Conveying Line Size: 4" OD TUBE
 Vacuum Conveying Distances MAXIMUM
 Horizontal: 412 FT.
 Vertical: 30 FT.
 No. of Elbows: (6) 90 DEG.
 Flexible Hose: 0 FT.
 Pressure Conveying Line Size: 4" OD TUBE
 Pressure Conveying Distances MAXIMUM
 Horizontal: 80 FT.
 Vertical: 30 FT.
 No. of Elbows: (4) 90 DEG.
 Flexible Hose: 0 FT.

SYSTEM 01 PROFILE

System Type: VACUUM TRANSFER
 Material: WHOLE PASTA
 Bulk Density: 25 LBS./CU. FT.
 Conveying Rate: 7,000 LBS./HR.
 No. of Sources: 1 OF 4
 No. of Destinations: 1
 Vacuum Conveying Line Size: 3" OD TUBE
 Vacuum Conveying Distances MAXIMUM
 Horizontal: 150 FT.
 Vertical: 30 FT.
 No. of Elbows: (6) 90 DEG.

SYSTEM 02 PROFILE

System Type: SINGLE BLOWER VACUUM/PRESSURE
 Material: PASTA
 Bulk Density: 20-25 LBS./CU. FT.
 Conveying Rate: 5,000 LBS./HR.
 No. of Sources: 1 OF 3
 No. of Destinations: 1 OF 3 TANKS
 Vacuum Conveying Line Size: 4" OD TUBE
 Vacuum Conveying Distances (MAXIMUM)
 Horizontal: 430 FT.
 Vertical: 30 FT.
 No. of Elbows: (5) 90 DEG.
 Flexible Hose: 0 FT.
 Pressure Conveying Line Size: 3" OD TUBE
 Pressure Conveying Distances (MAXIMUM)
 Horizontal: 50 FT.
 Vertical: 30 FT.
 No. of Elbows: (4) 90 DEG.
 Flexible Hose: 0 FT.



SYSTEM 03 PROFILE

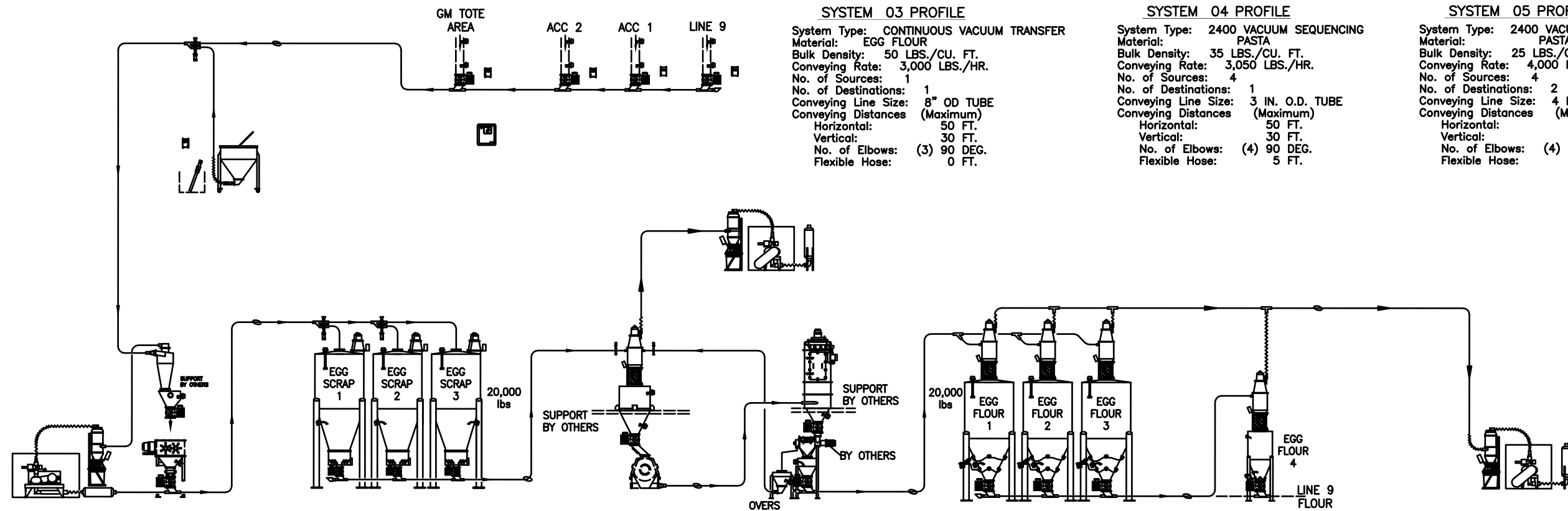
System Type: CONTINUOUS VACUUM TRANSFER
 Material: EGG FLOUR
 Bulk Density: 50 LBS./CU. FT.
 Conveying Rate: 3,000 LBS./HR.
 No. of Sources: 1
 No. of Destinations: 1
 Conveying Line Size: 8" OD TUBE
 Conveying Distances (Maximum)
 Horizontal: 50 FT.
 Vertical: 30 FT.
 No. of Elbows: (3) 90 DEG.
 Flexible Hose: 0 FT.

SYSTEM 04 PROFILE

System Type: 2400 VACUUM SEQUENCING
 Material: PASTA
 Bulk Density: 35 LBS./CU. FT.
 Conveying Rate: 3,050 LBS./HR.
 No. of Sources: 4
 No. of Destinations: 1
 Conveying Line Size: 3 IN. O.D. TUBE
 Conveying Distances (Maximum)
 Horizontal: 50 FT.
 Vertical: 30 FT.
 No. of Elbows: (4) 90 DEG.
 Flexible Hose: 5 FT.

SYSTEM 05 PROFILE

System Type: 2400 VACUUM SEQUENCING
 Material: PASTA EGG FLOUR
 Bulk Density: 25 LBS./CU. FT. 50 LBS./CU. FT.
 Conveying Rate: 4,000 LBS./HR.
 No. of Sources: 4
 No. of Destinations: 2
 Conveying Line Size: 4 IN. O.D. TUBE
 Conveying Distances (Maximum)
 Horizontal: 50 FT.
 Vertical: 30 FT.
 No. of Elbows: (4) 90 DEG.
 Flexible Hose: 5 FT.



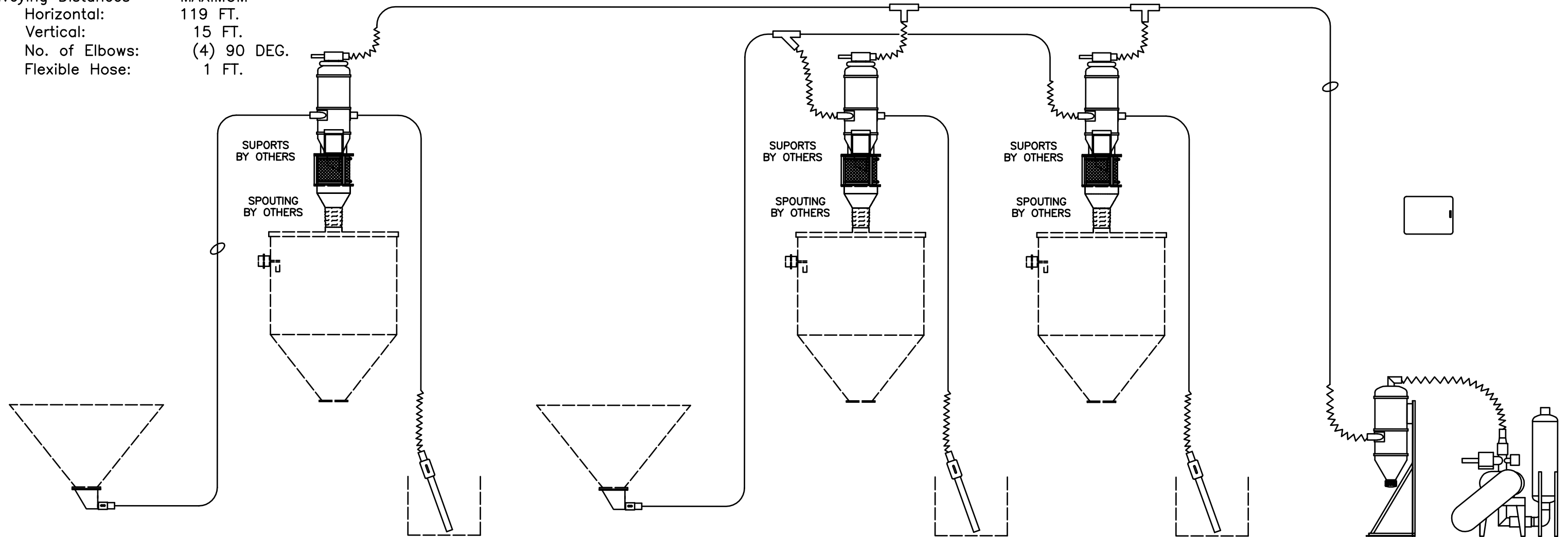
Food Industry

This project was supplied to a pasta manufacturer. Two vacuum pressure systems were provided to transfer long goods regrind pasta and pasta from one source to one of three tanks. An additional vacuum system was provided to move whole pasta from one of four bins to one destination. A third transfer system was provided for finished pasta from four sources to one destination. A fourth continuous vacuum system was provided for transferring egg flour from one hopper to a screener then the egg flour and pasta are conveyed, with an additional system from four sources to one destination hopper. Lastly, a separate vacuum system was supplied to convey re-work or broken pasta from totes to a grinder.



SYSTEM 01 PROFILE

System Type: 2400 VACUUM SEQUENCING
Material: NON PARELLS SEEDS
Bulk Density: 55.22 LBS./CU. FT.
Conveying Rate: 1,000 LBS./HR. FOR 2 RCVRS
(2,000 LBS./HR. TOTAL)
No. of Sources: 5
No. of Destinations: 3
Conveying Line Size: 2 1/2" IN. O.D. TUBE
Conveying Distances
Horizontal: 119 FT.
Vertical: 15 FT.
No. of Elbows: (4) 90 DEG.
Flexible Hose: 1 FT.

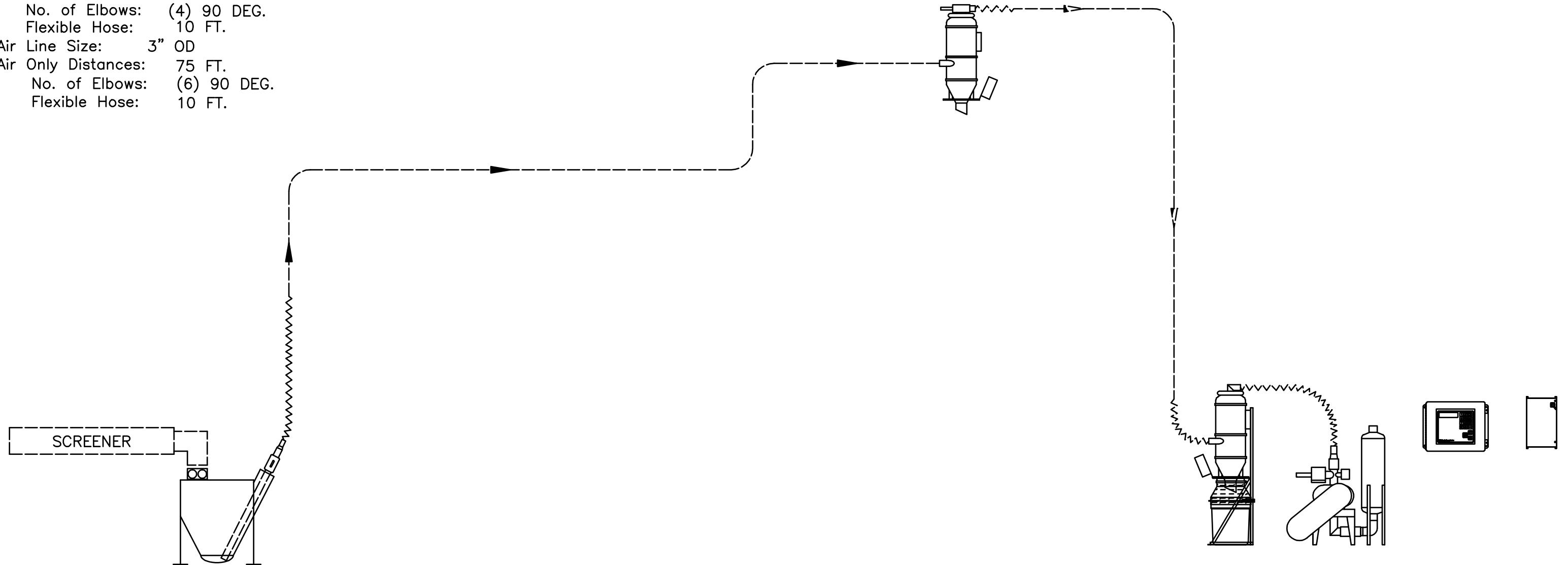


Food Industry

This project was supplied to a candy manufacture that needed a system to convey and re-circulate sugar beads. Using a 2400 vacuum system with ratio receiver, we designed a system to convey the sugar beads from fiber drums to a sprinkle feeder above a conveyor belt. The second inlet of the receiver was used to recycle the remaining sugar beads at the end of the conveyor belt back into the process.

SYSTEM 01 PROFILE

System Type: 2400 Vacuum Sequencing
Material: "NUGGETS" FINES
Bulk Density: 35-40 LBS./CU. FT.
Conveying Rate: 1,500 LBS./HR.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 2 1/2" OD
Conveying Distances
Horizontal: 35 FT.
Vertical: 15 FT.
No. of Elbows: (4) 90 DEG.
Flexible Hose: 10 FT.
Air Line Size: 3" OD
Air Only Distances: 75 FT.
No. of Elbows: (6) 90 DEG.
Flexible Hose: 10 FT.



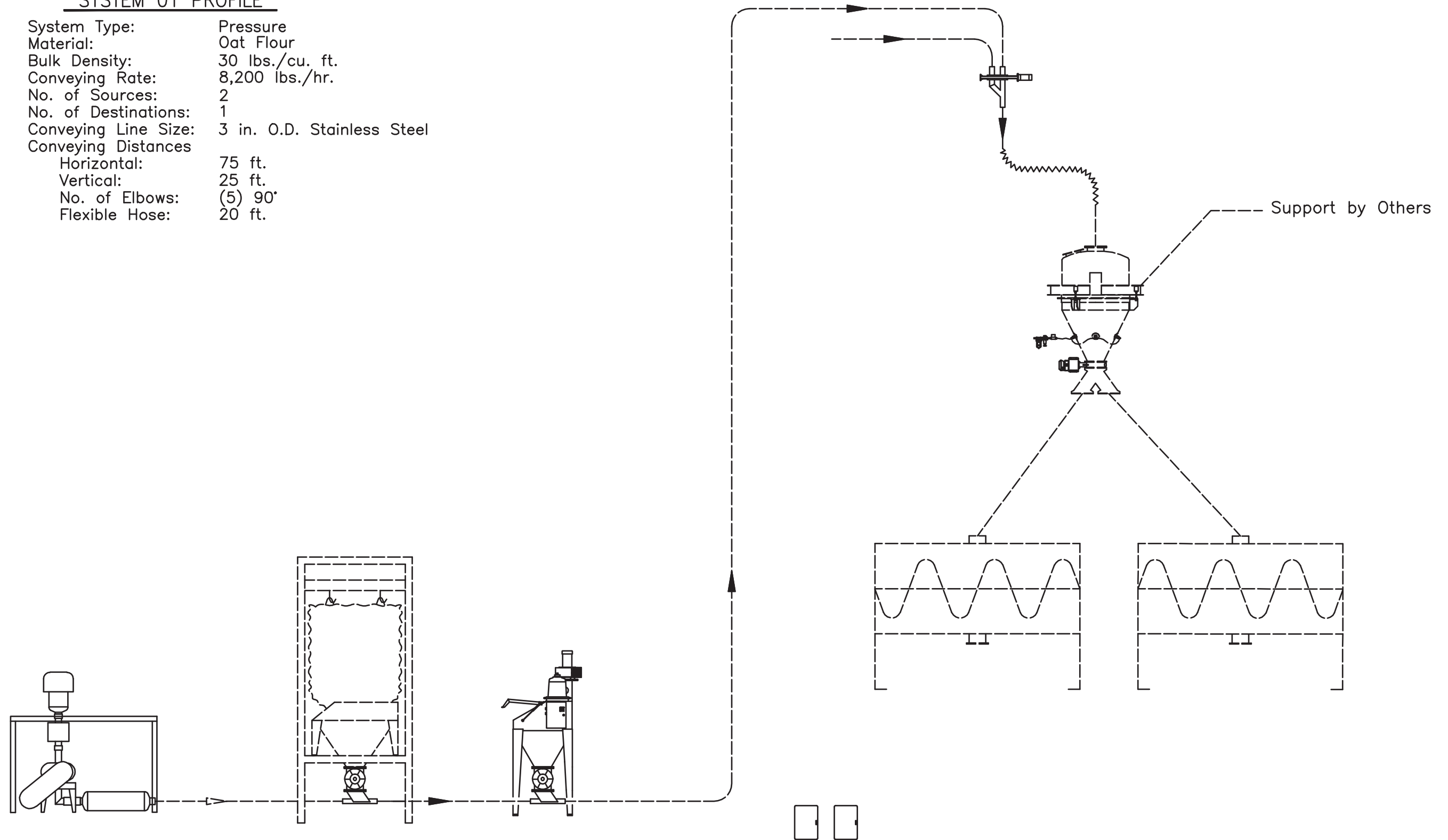
Food Industry

This project was for a food seasoning producer. This system involved a vacuum sequencing system to load nugget fines in different flavors from the outlet of a screener to a packaging machine.



SYSTEM 01 PROFILE

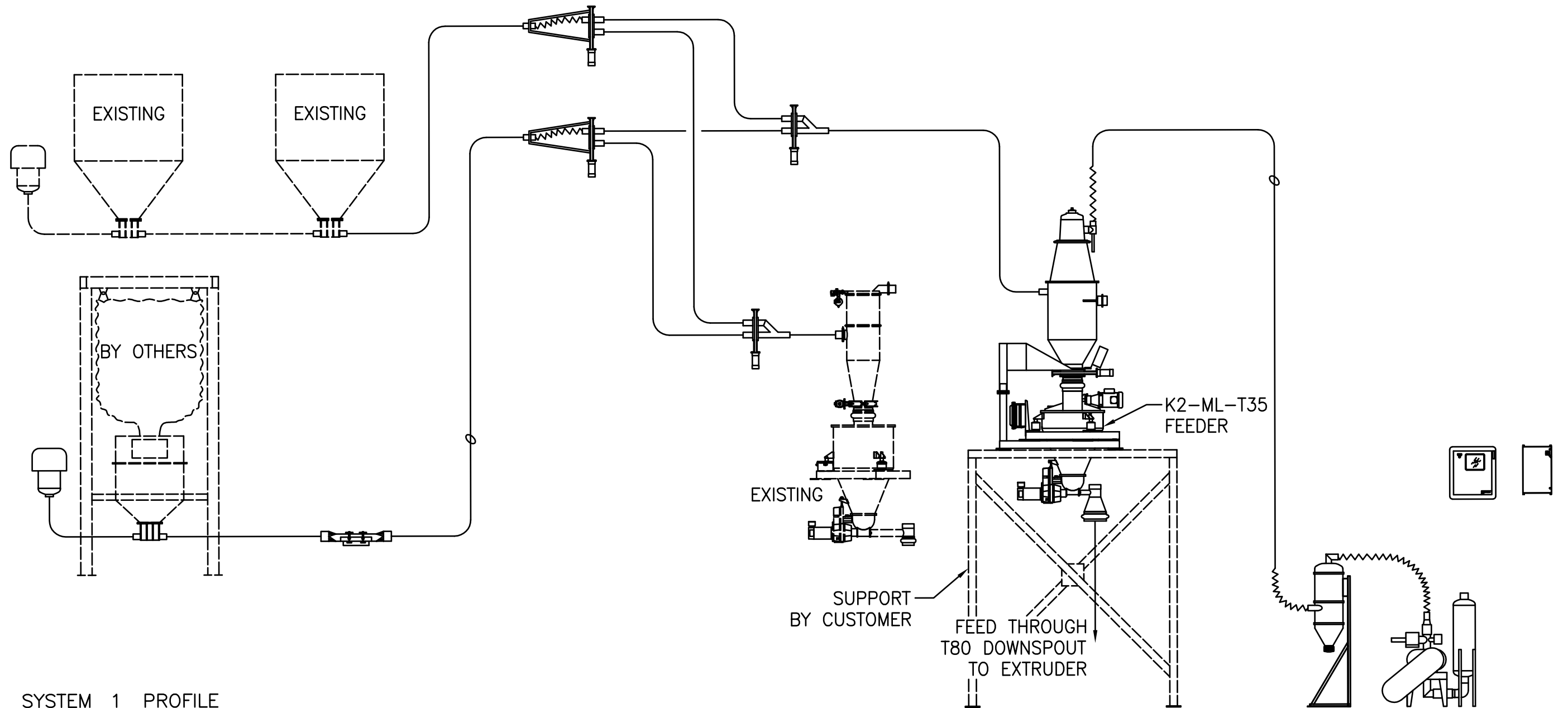
System Type:	Pressure
Material:	Oat Flour
Bulk Density:	30 lbs./cu. ft.
Conveying Rate:	8,200 lbs./hr.
No. of Sources:	2
No. of Destinations:	1
Conveying Line Size:	3 in. O.D. Stainless Steel
Conveying Distances	
Horizontal:	75 ft.
Vertical:	25 ft.
No. of Elbows:	(5) 90°
Flexible Hose:	20 ft.



Food Industry

K-Tron Process Group provided this system to an infant food and formula producer. The system was designed to pressure convey oat flour from a bulk bag unloader or a sack dump station. The material was conveyed to a single scale hopper above two mixers. The design of the system included special finishes and filtration to insure no contaminants were introduced to the system.





SYSTEM 1 PROFILE

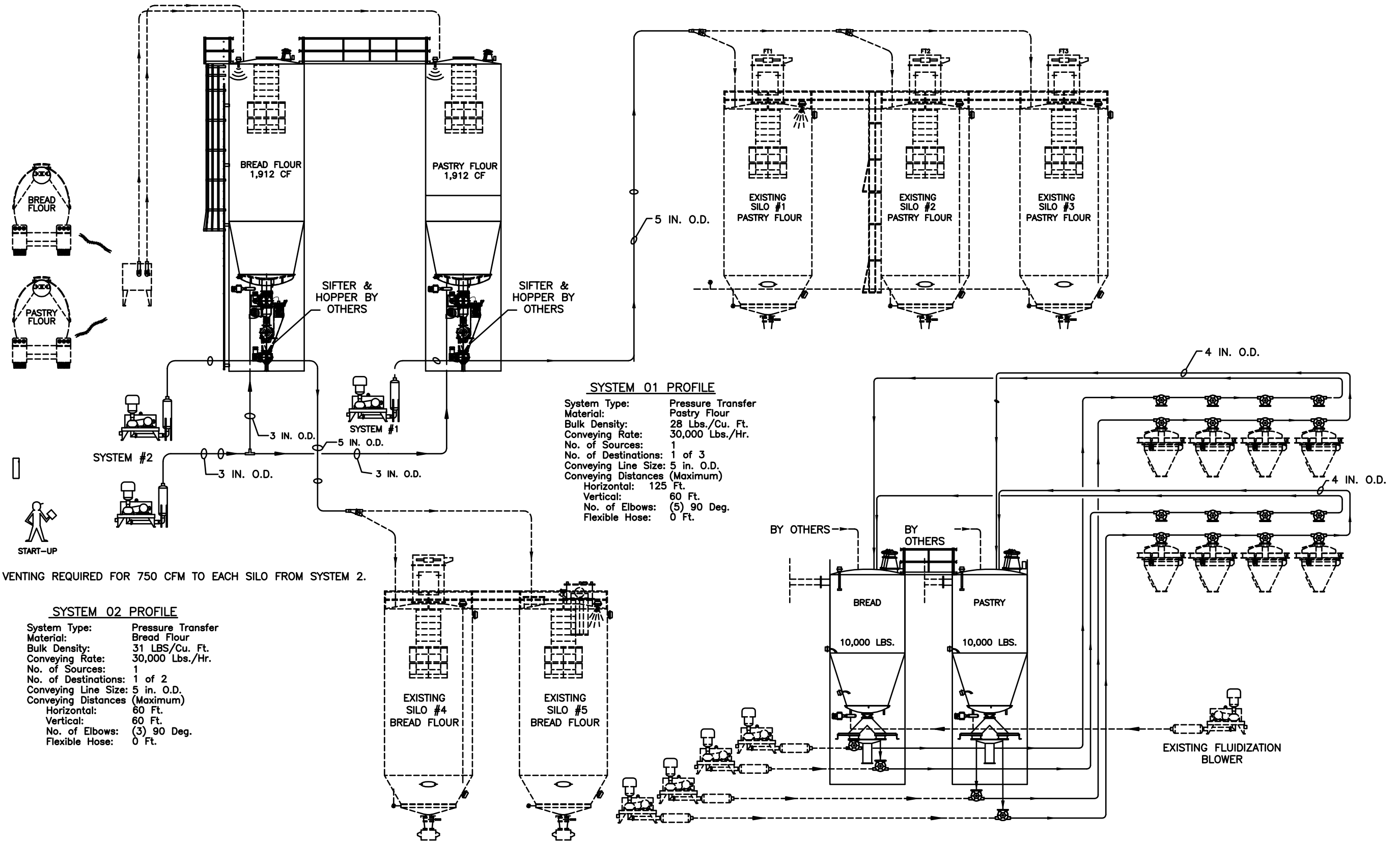
System Type: 2400 VACUUM SEQUENCING
 Material: OAT GROATS, OAT FLOUR, CORN FLOUR, BRAN FLOUR
 Bulk Density: 30 – 50 LBS./CU. FT.
 Conveying Rate: 3,000 LBS./HR.
 No. of Sources: 2
 No. of Destinations: 1
 Conveying Line Size: 3" SCH. 10
 Conveying Distances MAXIMUM
 Horizontal: 160 FT.
 Vertical: 20 FT.
 No. of Elbows: (3) 90 DEG.

Food Industry

This project was for a snack food manufacturer. The system involves transferring oat groats, oat flour, corn flour and bran flour used in production of granola cereal mixes. The products were unloaded from hoppers and a bulk bag unloader with a vacuum sequencing system refilling K-Tron Loss-in-Weight Feeders, feeding an extruder.



VENTING REQUIRED FOR 850 CFM TO EACH SILO FROM SYSTEM 1.



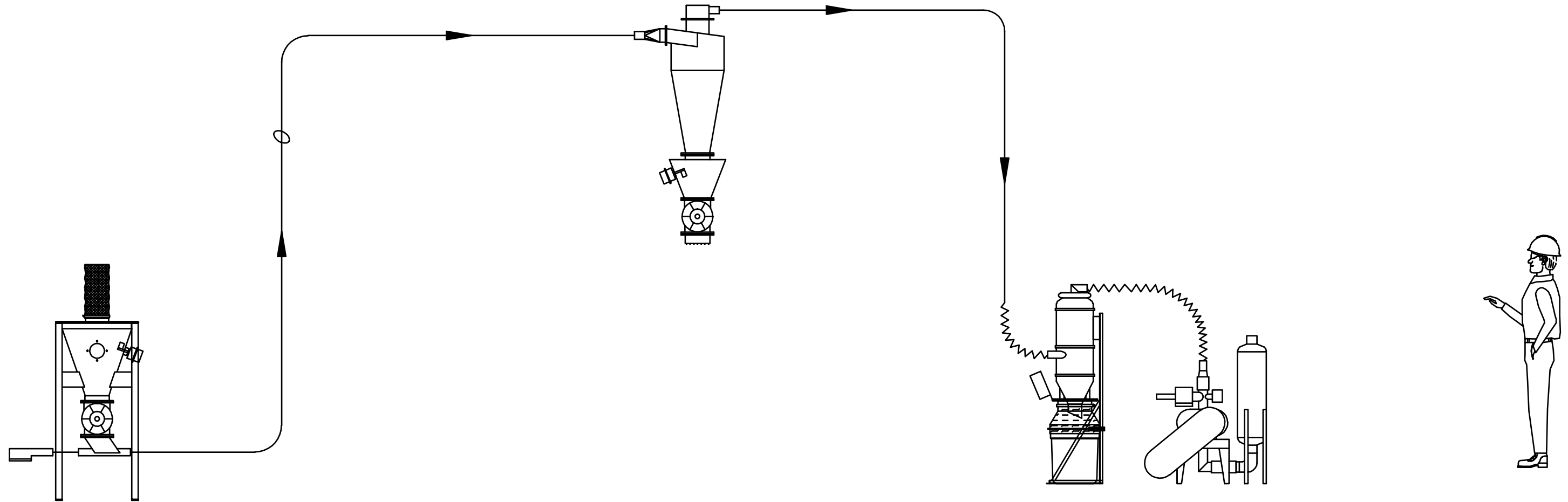
Food Industry

This project supplied two storage silos with gravity sifters. The silos received bread or pastry flour from bulk trucks. The flour is sifted and then pressured conveyed to existing storage silos. This project also included two new day bins. The day bins received the sifted flour from the storage silos and are pressure conveyed to existing scale hopper systems in the plant.



SYSTEM 01 PROFILE

System Type: CONTINUOUS VACUUM
Material: PREMIX INGREDIENTS
Bulk Density: 50 LBS./CU. FT.
Conveying Rate: 8,000 LBS./HR.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 3" SCH.10 PIPE
Conveying Distances
Horizontal: 40 FT.
Vertical: 18 FT.
No. of Elbows: (2) 90 DEG.
Flexible Hose: 0 FT.

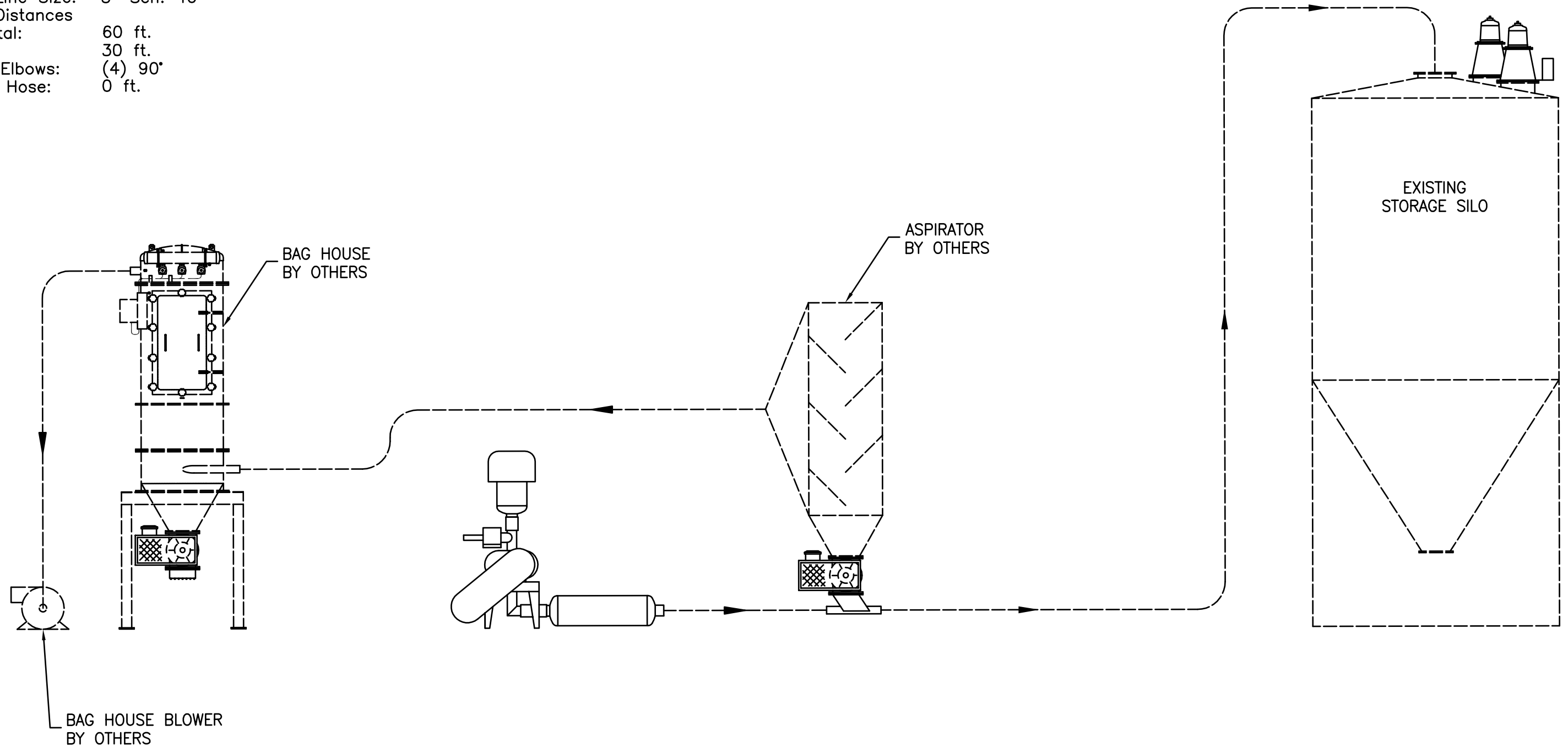


Food Industry

An animal feed blender needed a system to convey mixed ingredients from their screw mixer to a packaging line. We supplied a small vacuum system to convey the material. The system was designed with a cyclone due to the limited space at the destination area.

SYSTEM 01 PROFILE

System Type: Pressure System
Material: Rice
Bulk Density: 45 lbs./cu. ft.
Conveying Rate: 10,000 lbs./hr.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 3" Sch. 40
Conveying Distances
Horizontal: 60 ft.
Vertical: 30 ft.
No. of Elbows: (4) 90°
Flexible Hose: 0 ft.



Food Industry

This project was supplied to a food processor. Rough rice was transferred from an aspirator cleaning process to storage tank by pressure.

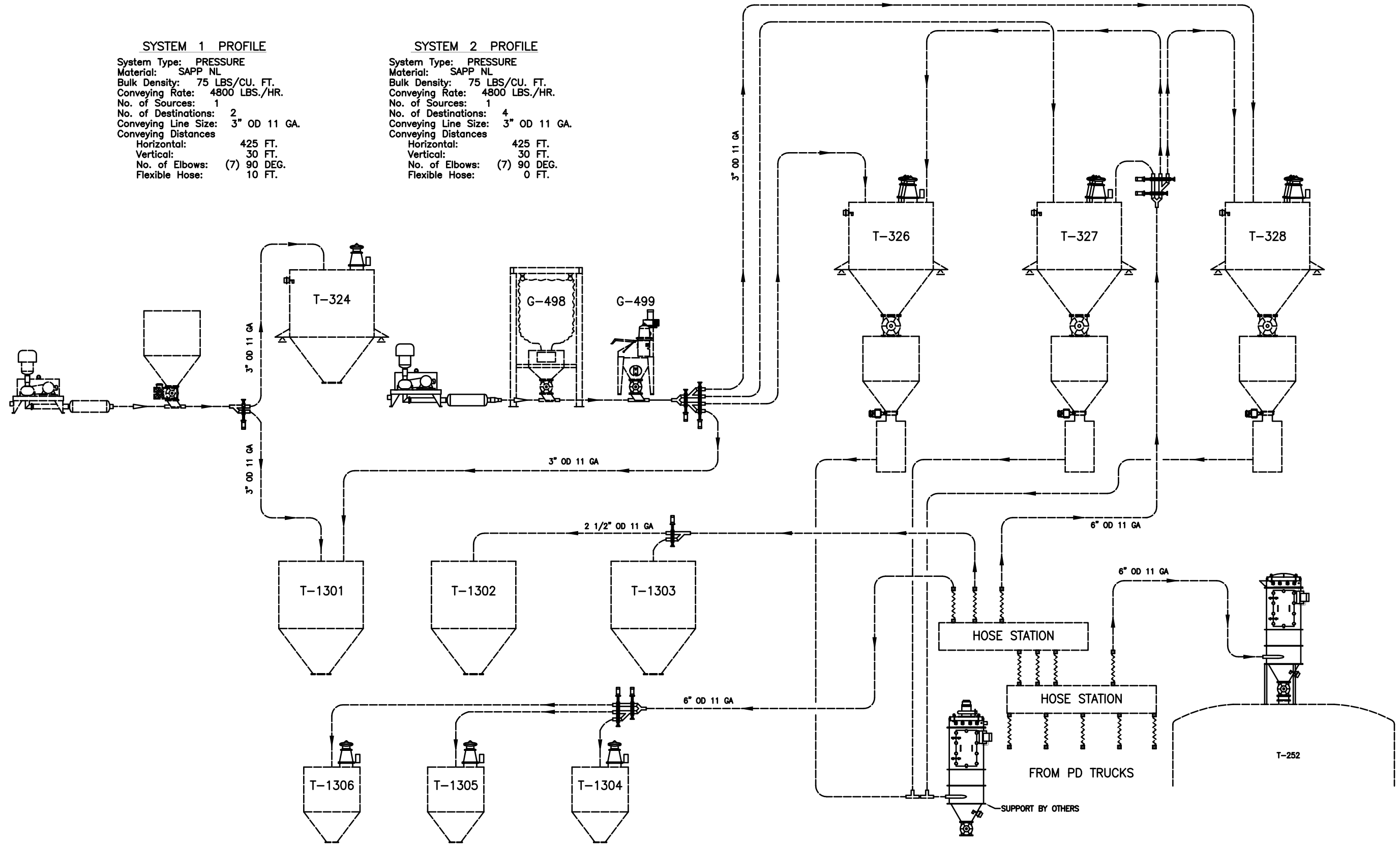


SYSTEM 1 PROFILE

System Type: PRESSURE
 Material: SAPP NL
 Bulk Density: 75 LBS/CU. FT.
 Conveying Rate: 4800 LBS./HR.
 No. of Sources: 1
 No. of Destinations: 2
 Conveying Line Size: 3" OD 11 GA.
 Conveying Distances
 Horizontal: 425 FT.
 Vertical: 30 FT.
 No. of Elbows: (7) 90 DEG.
 Flexible Hose: 10 FT.

SYSTEM 2 PROFILE

System Type: PRESSURE
 Material: SAPP NL
 Bulk Density: 75 LBS/CU. FT.
 Conveying Rate: 4800 LBS./HR.
 No. of Sources: 1
 No. of Destinations: 4
 Conveying Line Size: 3" OD 11 GA.
 Conveying Distances
 Horizontal: 425 FT.
 Vertical: 30 FT.
 No. of Elbows: (7) 90 DEG.
 Flexible Hose: 0 FT.



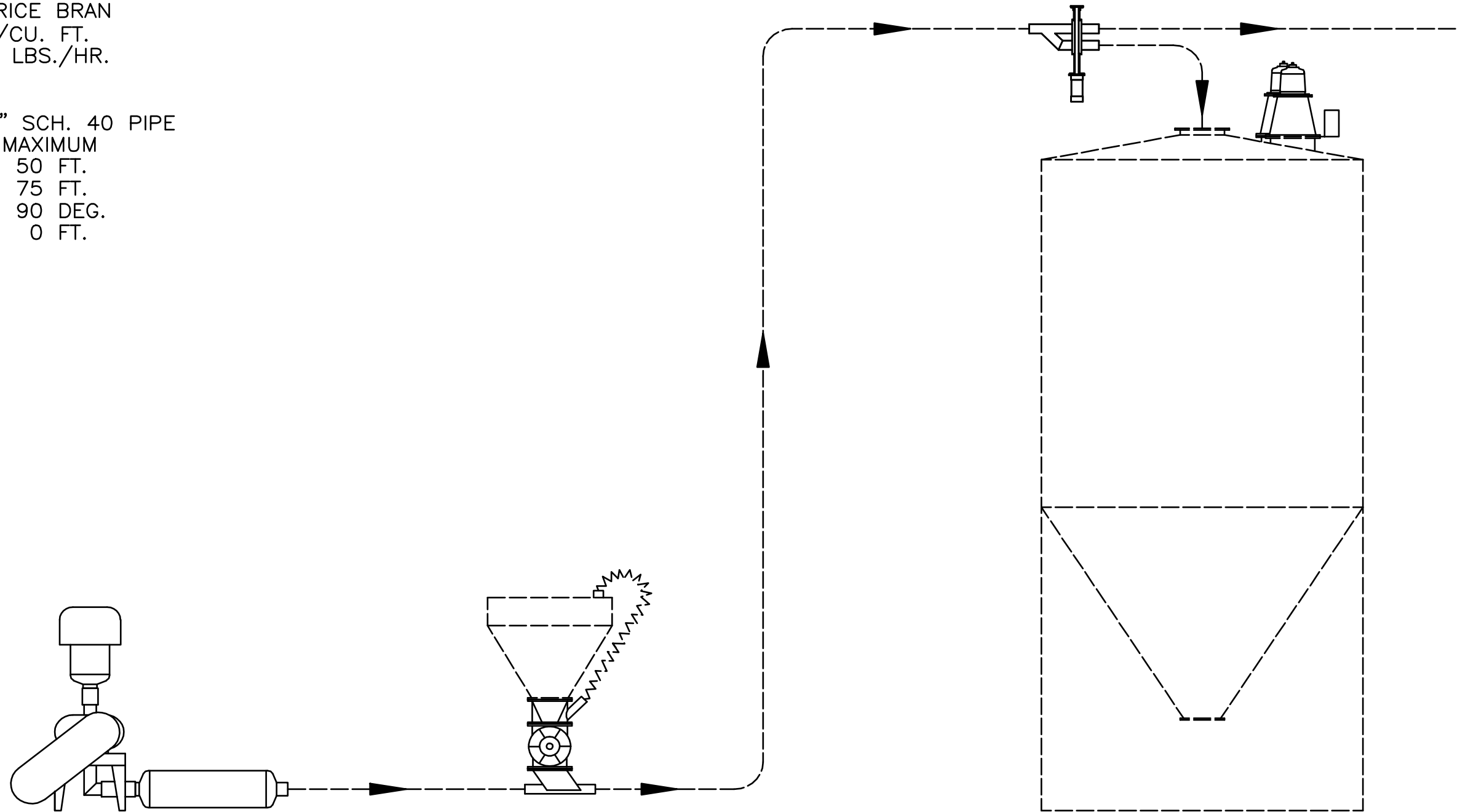
Food Industry

This project was supplied to a food preservatives manufacturer. The project involved transfer of preservative products called SAPP NL used by baked goods companies to extend shelf life. One system transferred product by pressure from one location to two storage bins. The other system is a pressure system transferring from a bulk bag unloader to four destination hoppers. There were also some additional components installed to automate other existing systems with diverter valves and bin vent filters.



SYSTEM 01 PROFILE

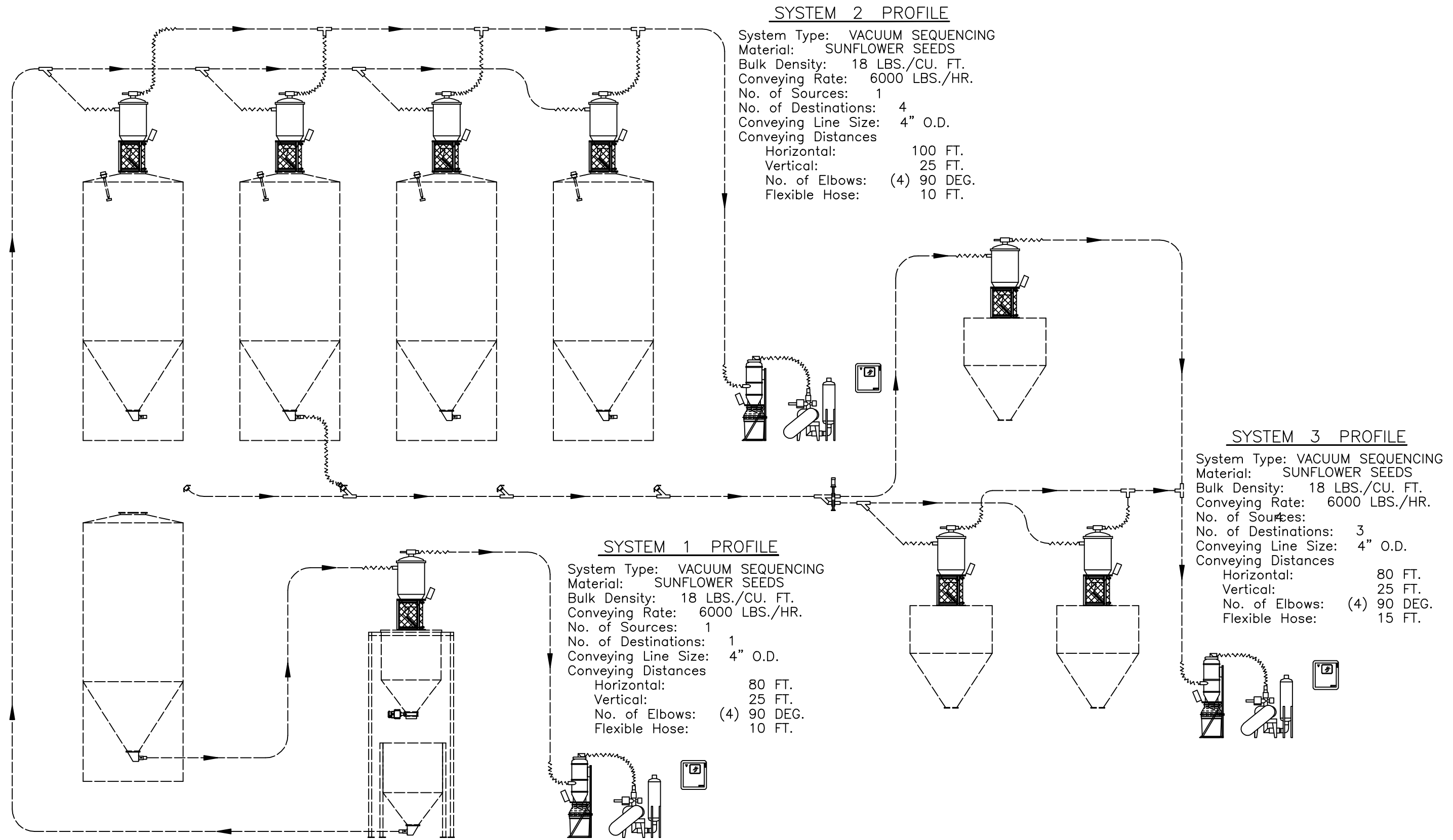
System Type: PRESSURE TRANSFER
Material: STABILIZED RICE BRAN
Bulk Density: 22 LBS./CU. FT.
Conveying Rate: 5,000 LBS./HR.
No. of Sources: 1
No. of Destinations: 1
Conveying Line Size: 3" SCH. 40 PIPE
Conveying Distances
 Horizontal: 50 FT.
 Vertical: 75 FT.
 No. of Elbows: (3) 90 DEG.
 Flexible Hose: 0 FT.



Food Industry

This project was supplied to a rice processor. Stabilized rice bran, a by-product of the rice process was transferred with a pressure system to an outside storage tank.





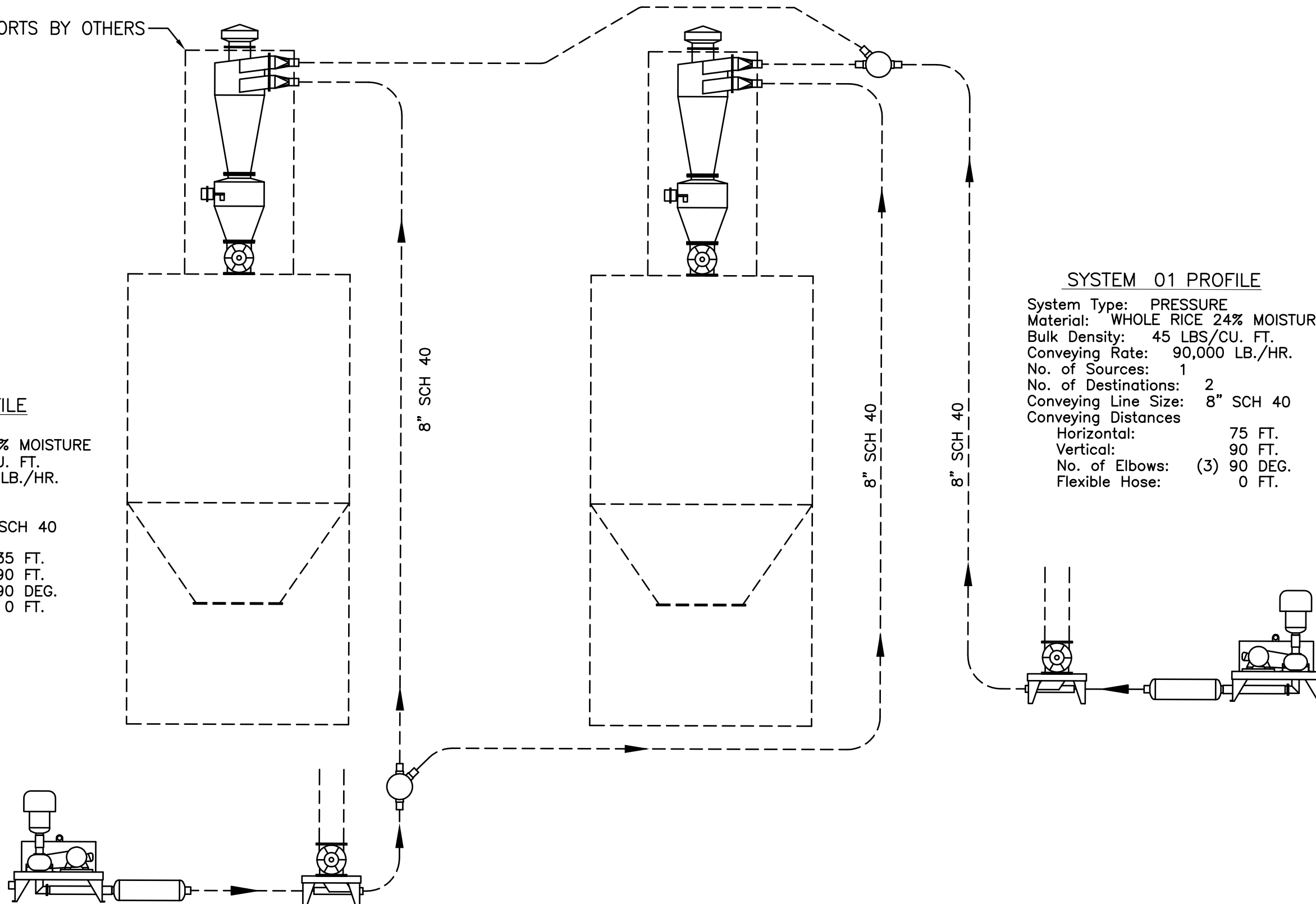
Food Industry

This project was supplied to a snack food processor. Sunflower seeds are conveyed by 4" vacuum sequencing systems through various stages of the sunflower seed process. One system is from the dryer process. A second is from the salt application process. The final system is for loading the packaging machines.

SUPPORTS BY OTHERS

SYSTEM 02 PROFILE
 System Type: PRESSURE
 Material: WHOLE RICE 18% MOISTURE
 Bulk Density: 40 LBS/CU. FT.
 Conveying Rate: 85,000 LB./HR.
 No. of Sources: 1
 No. of Destinations: 1
 Conveying Line Size: 8" SCH 40
 Conveying Distances
 Horizontal: 35 FT.
 Vertical: 90 FT.
 No. of Elbows: (2) 90 DEG.
 Flexible Hose: 0 FT.

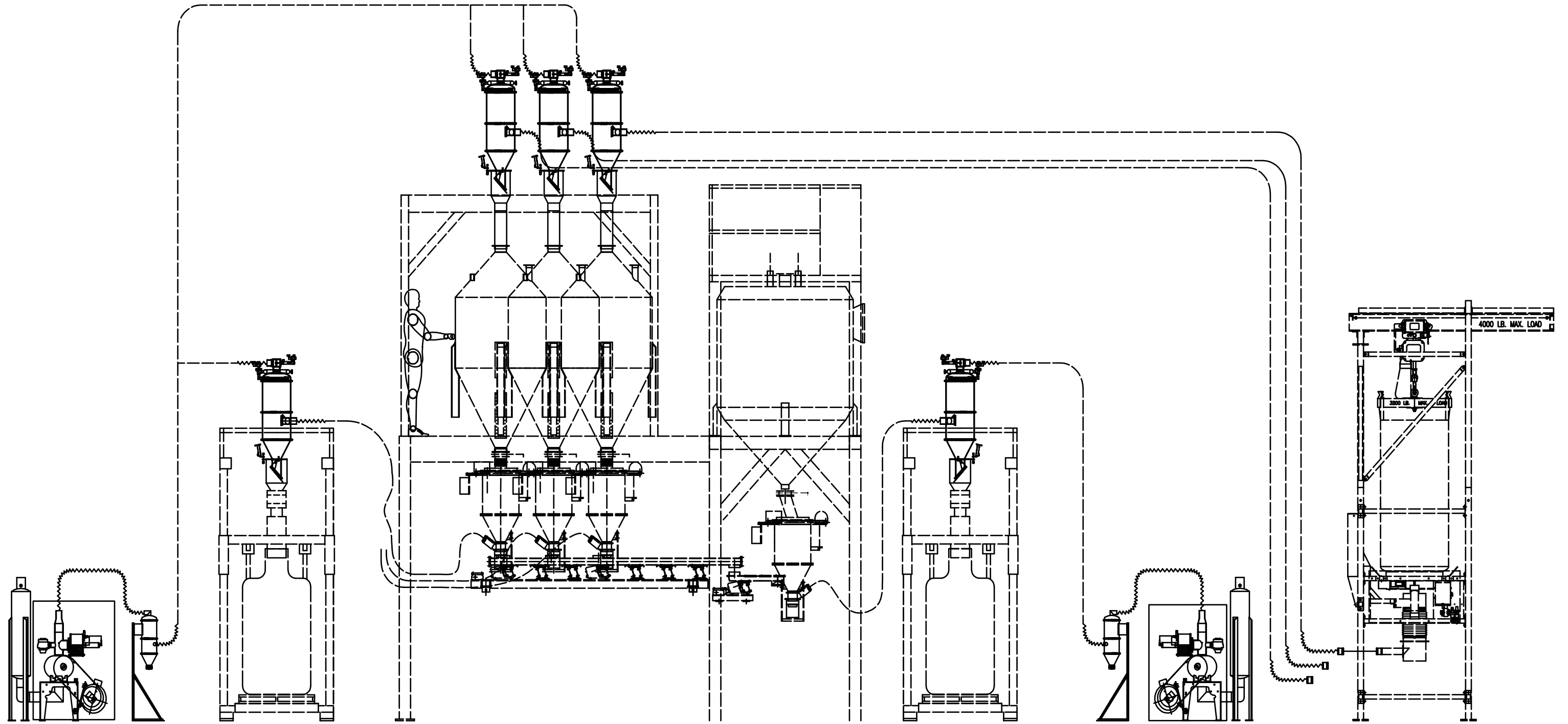
SYSTEM 01 PROFILE
 System Type: PRESSURE
 Material: WHOLE RICE 24% MOISTURE
 Bulk Density: 45 LBS/CU. FT.
 Conveying Rate: 90,000 LB./HR.
 No. of Sources: 1
 No. of Destinations: 2
 Conveying Line Size: 8" SCH 40
 Conveying Distances
 Horizontal: 75 FT.
 Vertical: 90 FT.
 No. of Elbows: (3) 90 DEG.
 Flexible Hose: 0 FT.



Food Industry

This project was supplied to a rice processor. Whole rice at 18% moisture was conveyed by pressure to one of two outside storage tanks at a rate of 85,000 lbs/hr. A second pressure system was supplied to handle whole rice at 24% moisture to one of two outside storage tanks.

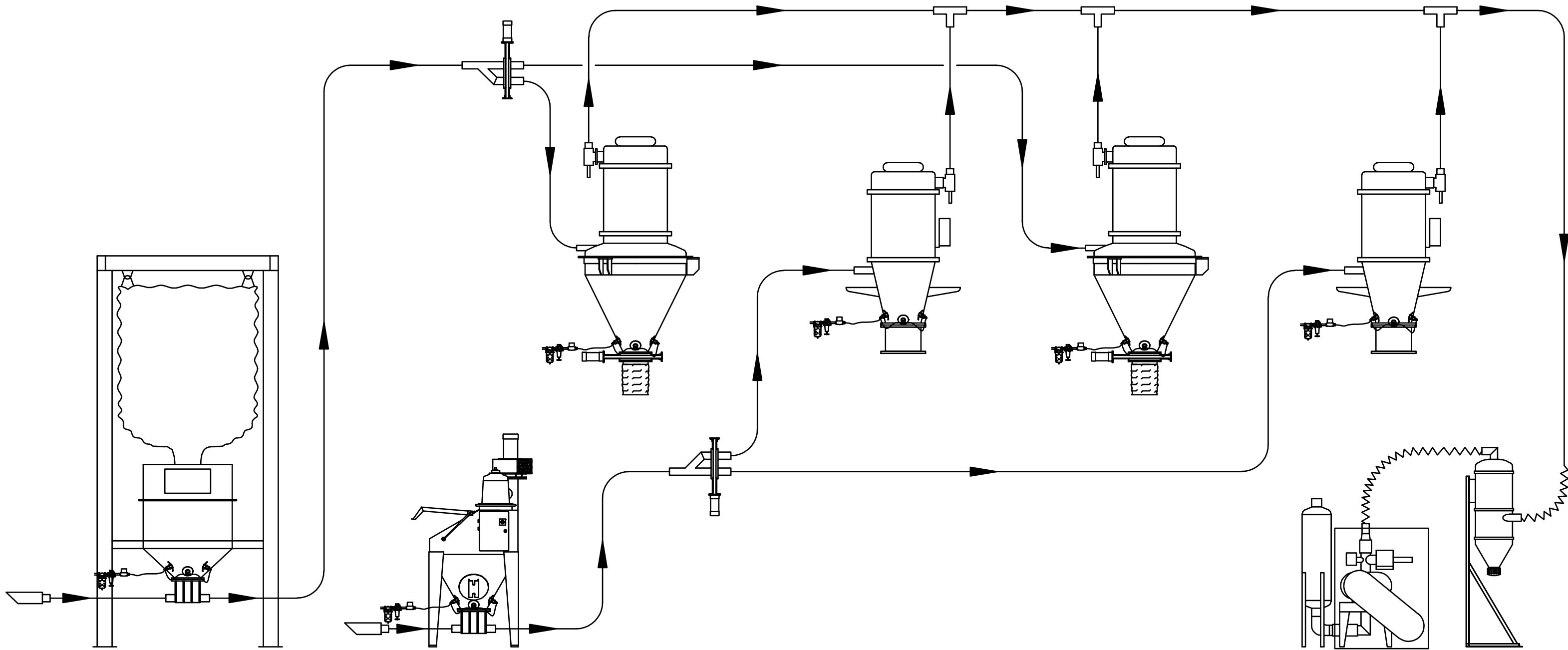




Food Industry

This project was supplied to food processor. Rice, orzo pasta and lentils are conveyed from bulk bag unloaders via a vacuum sequencing system to process dispensing feeders. A second system transfers the dispensed product to a bulk bag loader for refilling.

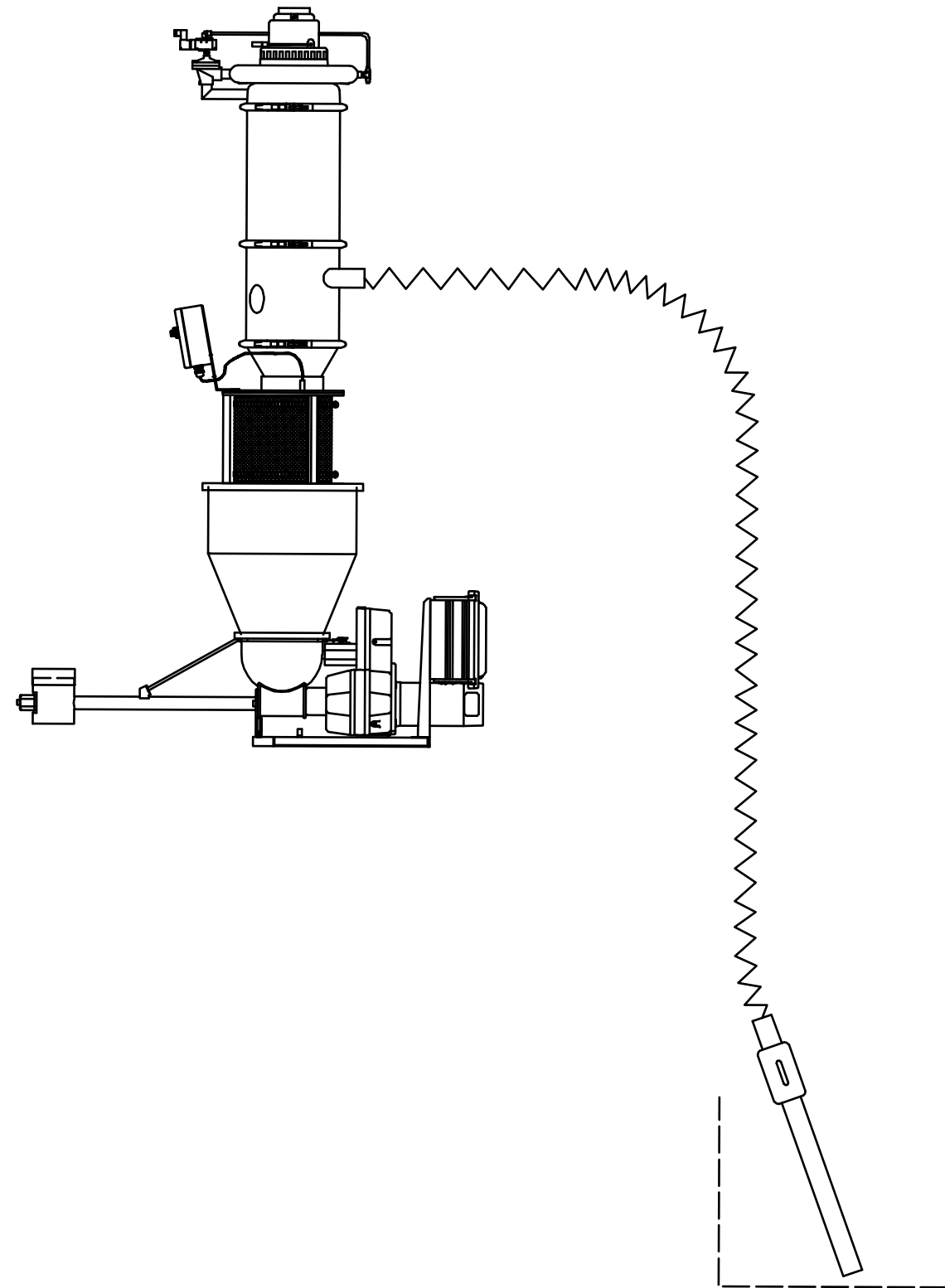




Food Industry

This system conveys and scales flour and animal protein from a bulk bag discharger/sack dump station to an extrusion process. The system was supplied without controls and is controlled by an existing control system.

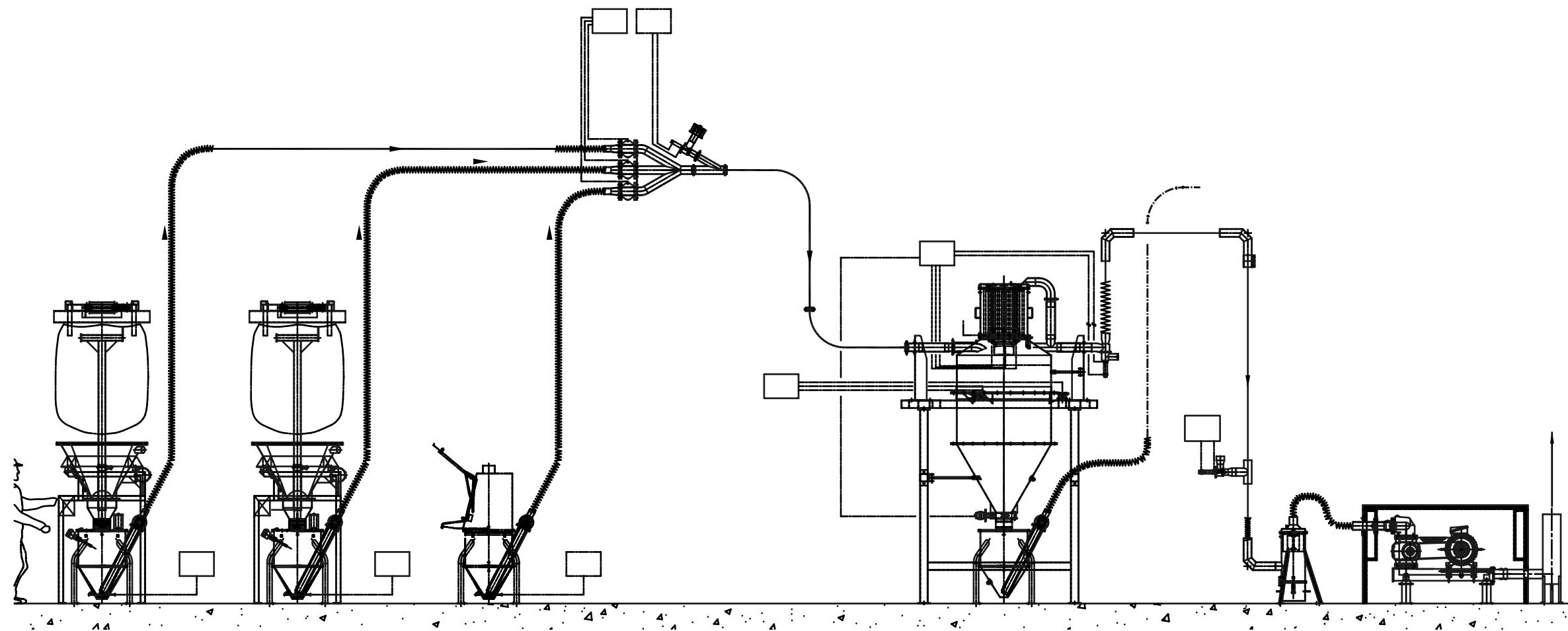




Food Industry

A snack food manufacture needed a simple system to convey and feed an emulsifier product. We provided a simple 2410 self contained machine loader to convey material from a Gaylord box or fiber drum to a K-Tron Volumetric S60 Feeder above their process.

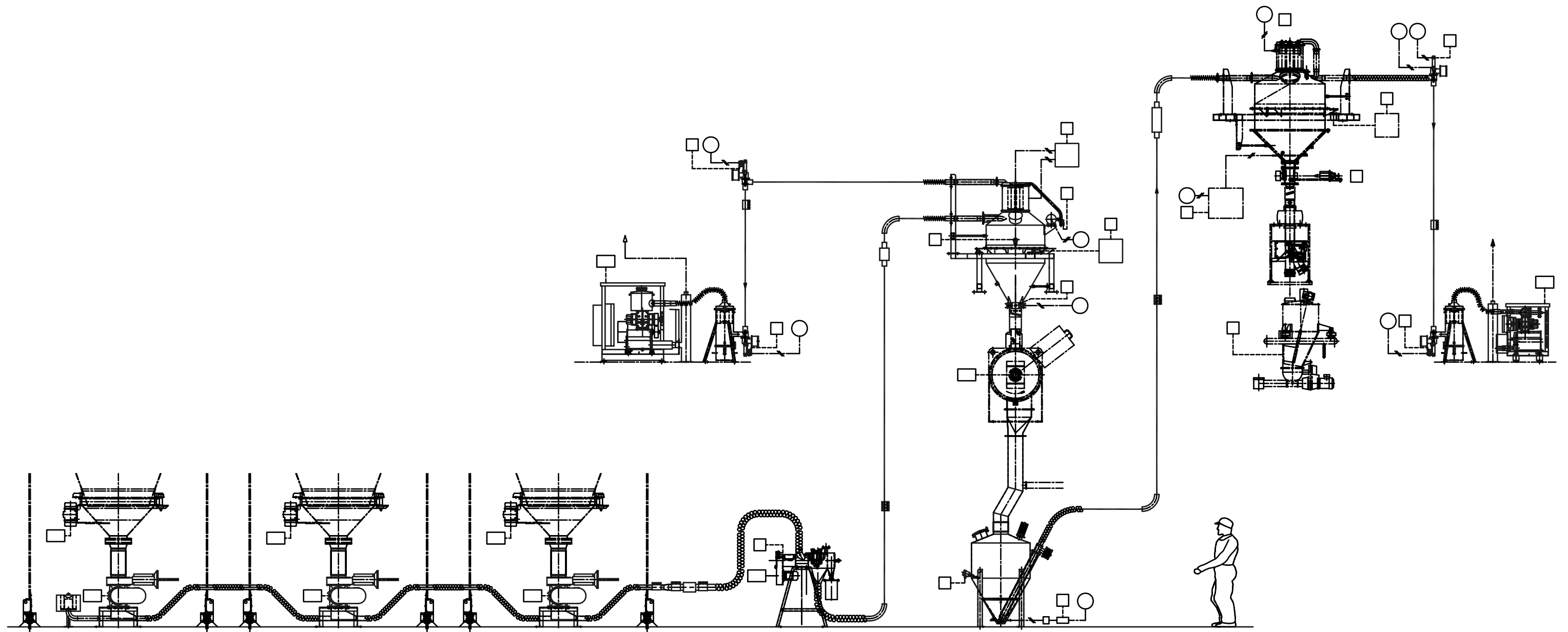




Food Industry

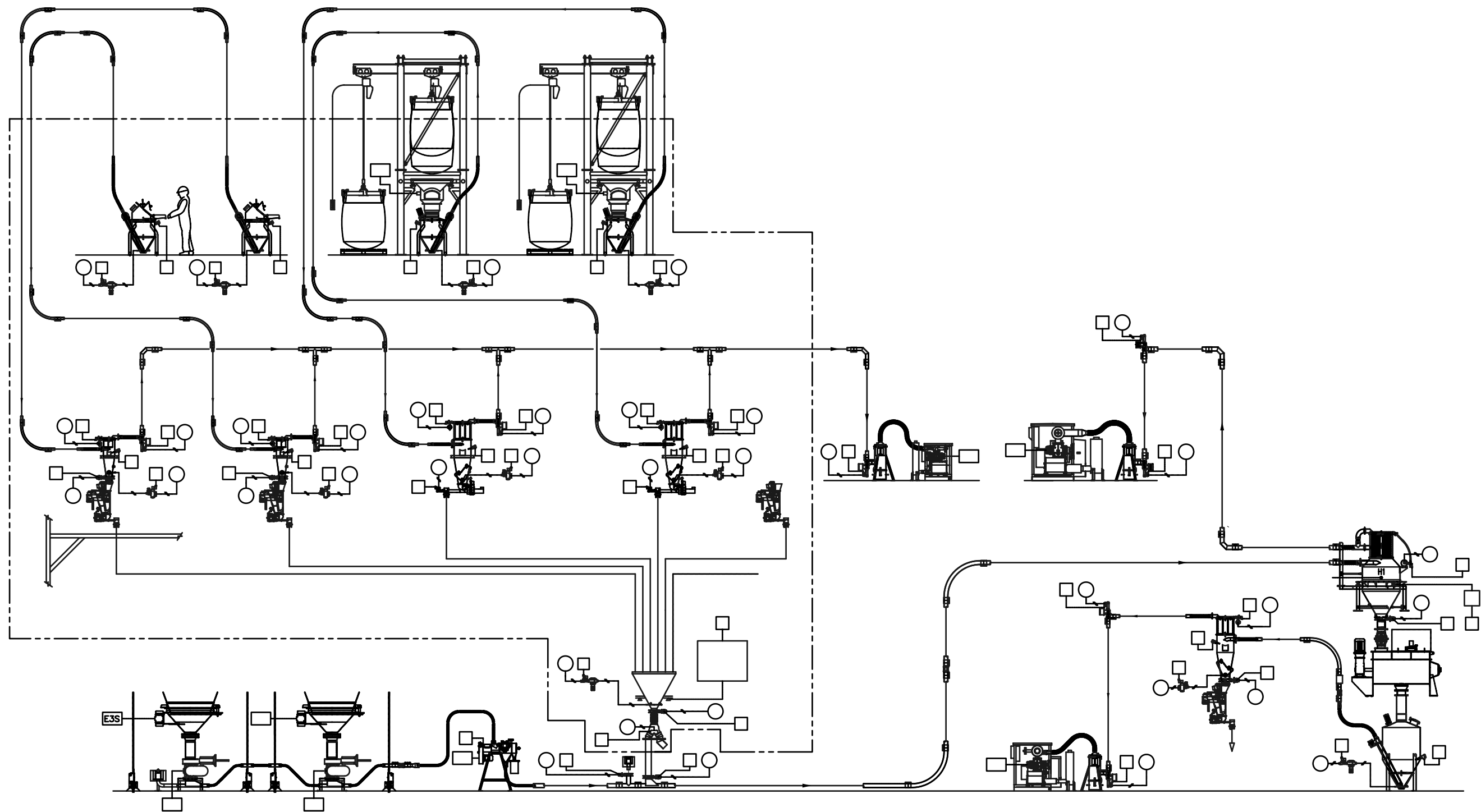
Batch weigh system with three select valves. 1300 Liter (700 kg) capacity with convey rate of 4000 kg/hr over 20 meters. Weighed batch dropped into a feed bin for onward transport. Materials handled: Corn grits.





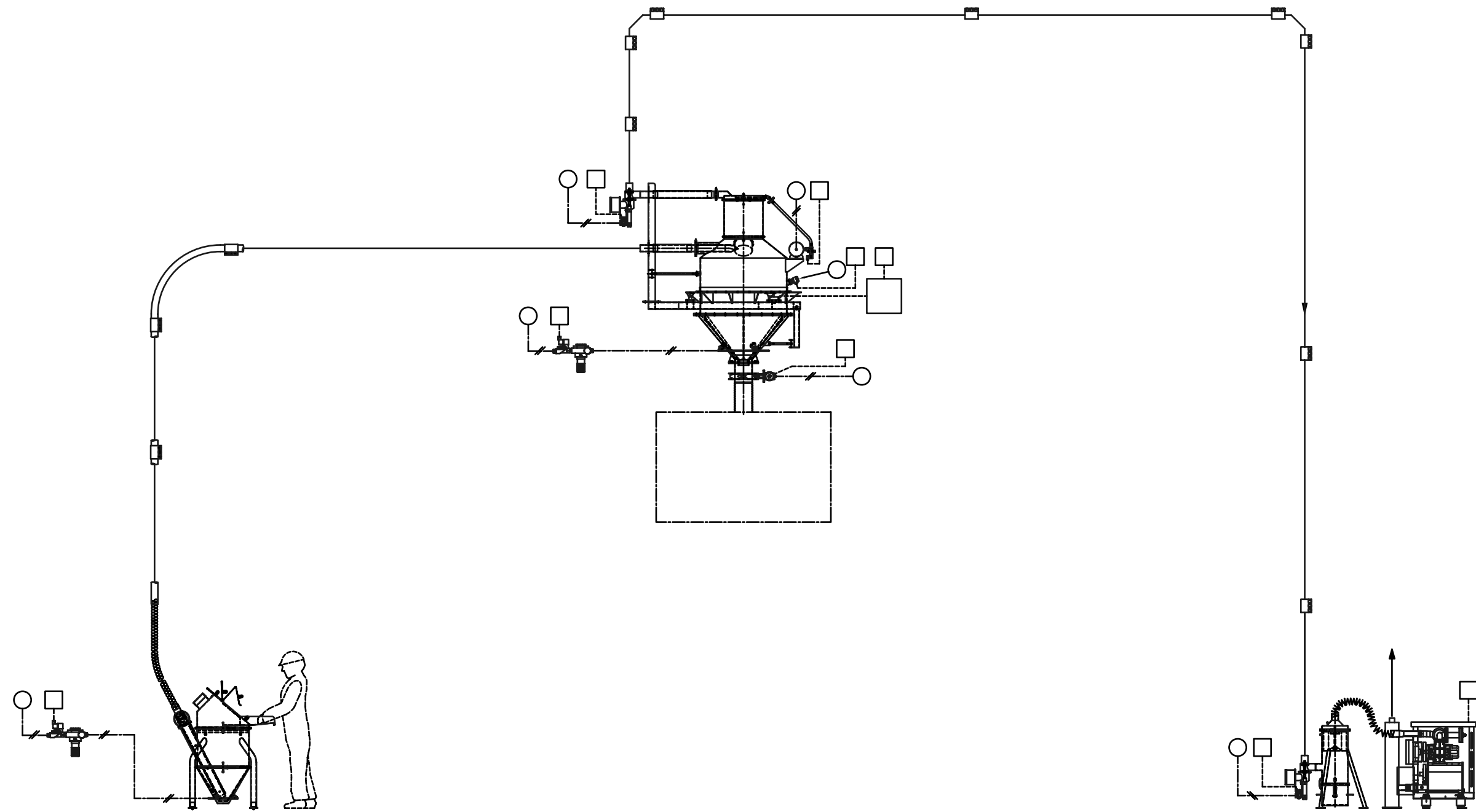
Food Industry

Batch weigh system where 3 ingredients are fed via rotary valve into a common convey line to a mixer. On the way, the material passes through a centrifugal sieve to separate foreign matter. Mixing material is conveyed to a weigh batch receiver refilling a Loss-in-Weight Feeder, supplying the extruder. Conveying distance from silo to weigh batch receiver is approx. 90 m, convey rate 2000 kg/hr.



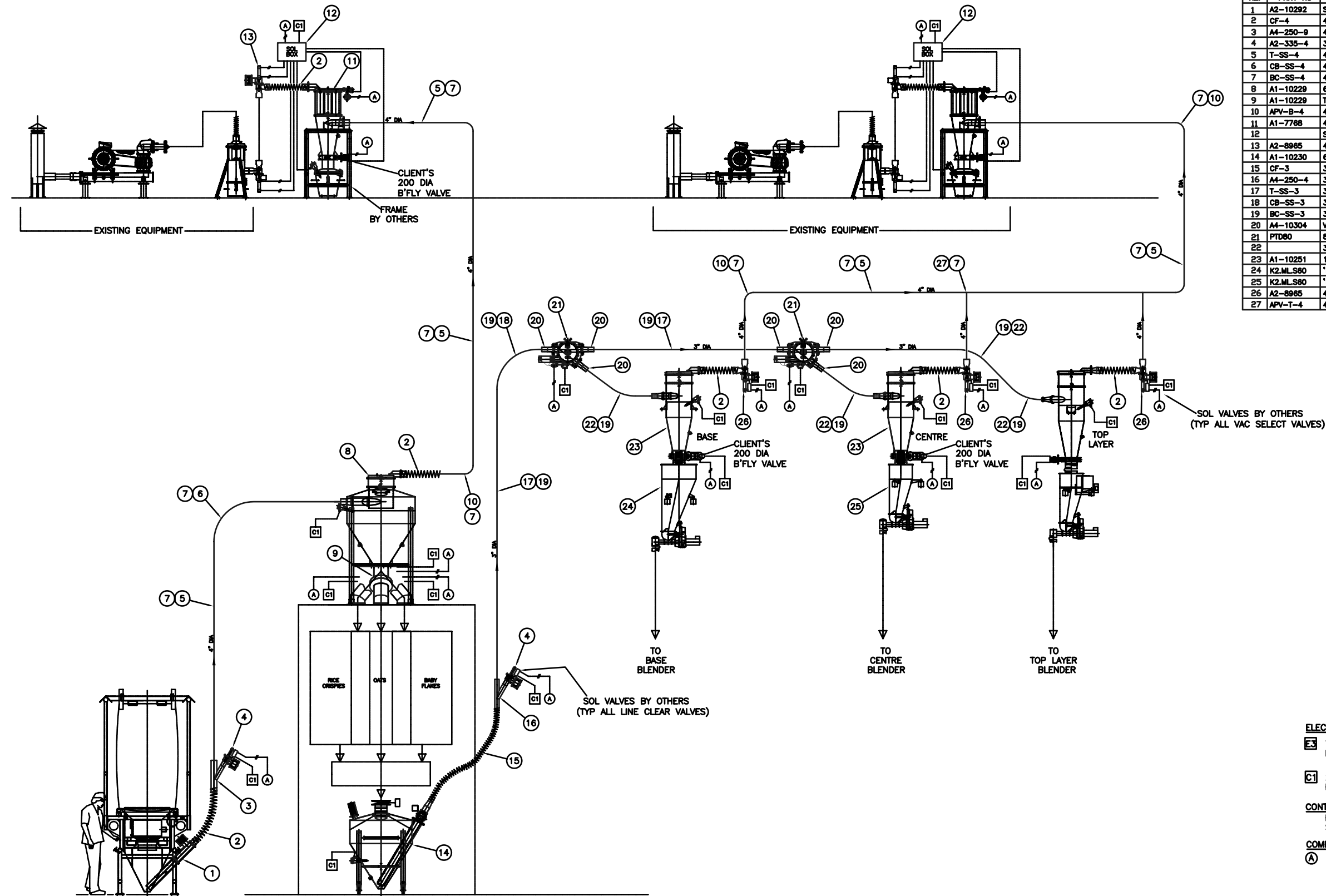
Food Industry

Major ingredient (2 kinds of maize grits) from silos to mixer over 90m, 400 kg batches at 2500 kg/hr. 4 minor ingredients are conveyed from bulk bag unloading stations to loss-in-weight batch system, feeding batches into common convey line to weighing receiver. Mixing material is conveyed to loss-in-weight feeder supplying the extruder over 18m at 2000 kg/hr (ATEX cat. 3D).



Food Industry

Totalizer application: Corn grits, brown flour, rye flour, wheat bran and salt - hand addition from sack emptying station to weigh batch receiver over 30 m, 400 dm³ batch at 3000 kg/hr.



PARTS LIST			
REF	PART No	DESCRIPTION	QTY
1	A2-10292	SUCTION LANCE	SS 1
2	CF-4	4" DIA CONVEY FLEXIBLE	NT/PVC 10M
3	A4-250-9	4"/3" DIA "Y" BRANCH	SS 1
4	A2-335-4	3" DIA LINE CLEARANCE VALVE	SS 2
5	T-SS-4	4" DIA CONVEY/VACUUM TUBE	SS 78M
6	CB-SS-4	4" DIA CONVEY BEND	SS 3
7	BC-SS-4	4" DIA BOLTED COUPLING	SS 32
8	A1-10229	600 L VACUUM RECEIVER	SS 1
9	A1-10229	TRIPLE CHUTE ASS'Y	SS 1
10	APV-B-4	4" DIA VACUUM ELBOW	SS 13
11	A1-7788	450 DIA REMOTE SEC FILTER UNIT	SS 1
12		SOLENOID BOX	SS 2
13	A2-8965	4" DIA VACUUM SELECT VALVE	AL 1
14	A1-10230	600 L FEED BIN	SS 1
15	CF-3	3" DIA CONVEY FLEXIBLE	NT/PVC 8M
16	A4-250-4	3" DIA "Y" BRANCH	SS 1
17	T-SS-3	3" DIA CONVEY TUBE	SS 42M
18	CB-SS-3	3" DIA CONVEY BEND	SS 6
19	BC-SS-3	3" DIA BOLTED COUPLINGS	SS 24
20	A4-10304	VALVE ADAPTOR	SS 6
21	PTD80	80 DIA PLUG DIVERter VALVE	SS 2
22		3" DIA CONVEY BEND 36.6"	SS 4
23	A1-10251	100L VACUUM RECEIVER	SS 2
24	K2.ML.S60	'K-TRON' LW FEEDER 180L HOPPER	SS 1
25	K2.ML.S60	'K-TRON' LW FEEDER 80L HOPPER	SS 1
26	A2-8965	4" DIA VACUUM SELECT VALVE	SS 3
27	APV-T-4	4" DIA VACUUM TEE	SS 2

SERVICE REQUIREMENTS

ELECTRICAL SUPPLY:

☒ TO CLIENT'S MOTOR STARTERS & LOCAL ISOLATORS

☒ 24V DC SIGNALS TO CLIENT'S PROCESS CONTROL SYSTEM

CONTROL REQUIREMENTS:

FOR SOLENOID BOX DETAILS REFER TO SOLENOID BOX DRGS EA4-51373-20

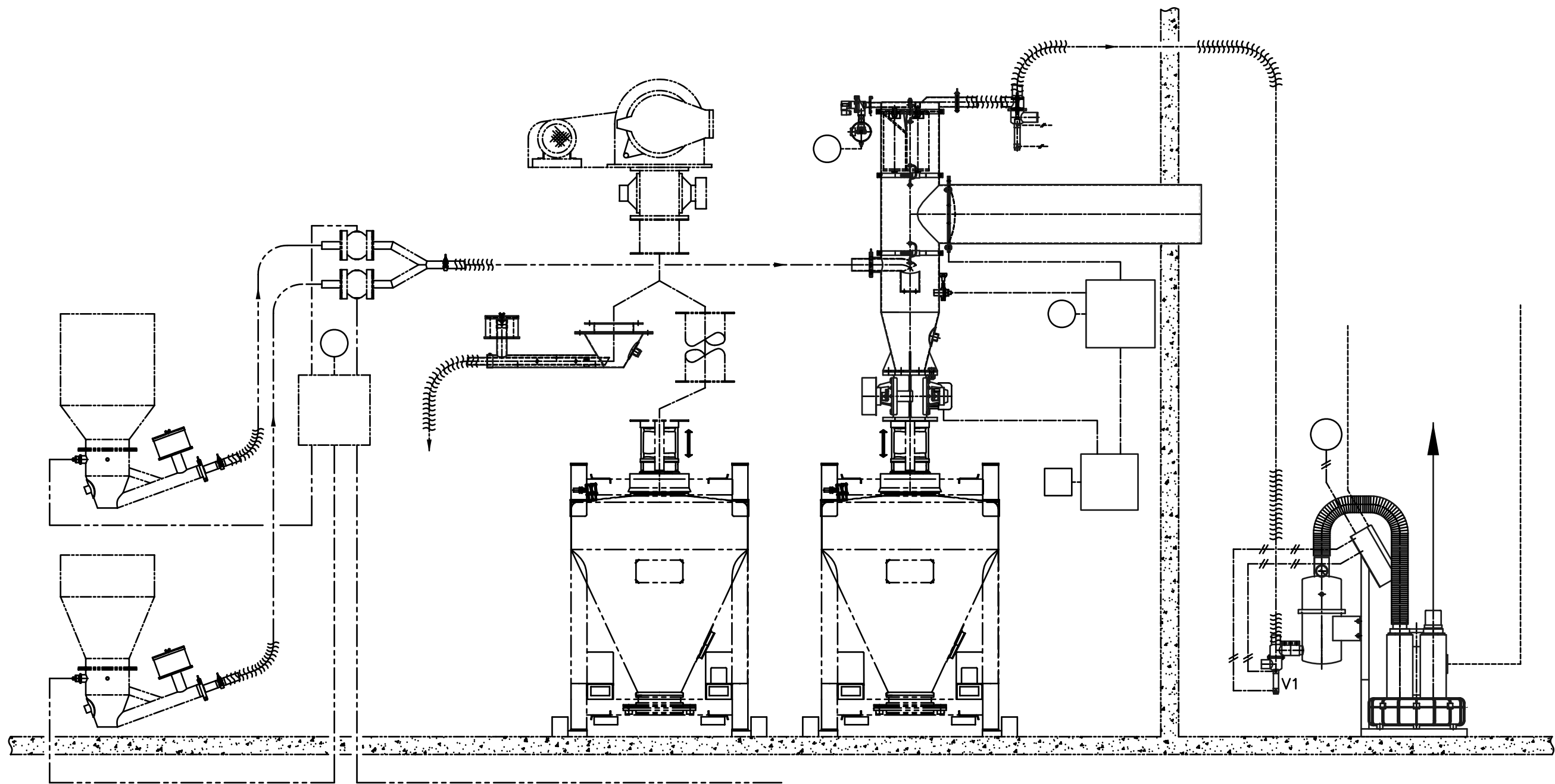
COMPRESSED AIR:

Ⓐ 12mm O/DIA COMPRESSED AIR SUPPLY
4.5 BAR.G MINIMUM AIR PRESSURE
TERMINATING WITH A 1/2 in BSP BALL VALVE. AIR MUST BE CLEAN & DRY
CONSUMPTION 1M³/MIN.(35 SCFM)
(CLIENTS SUPPLY)

Food Industry

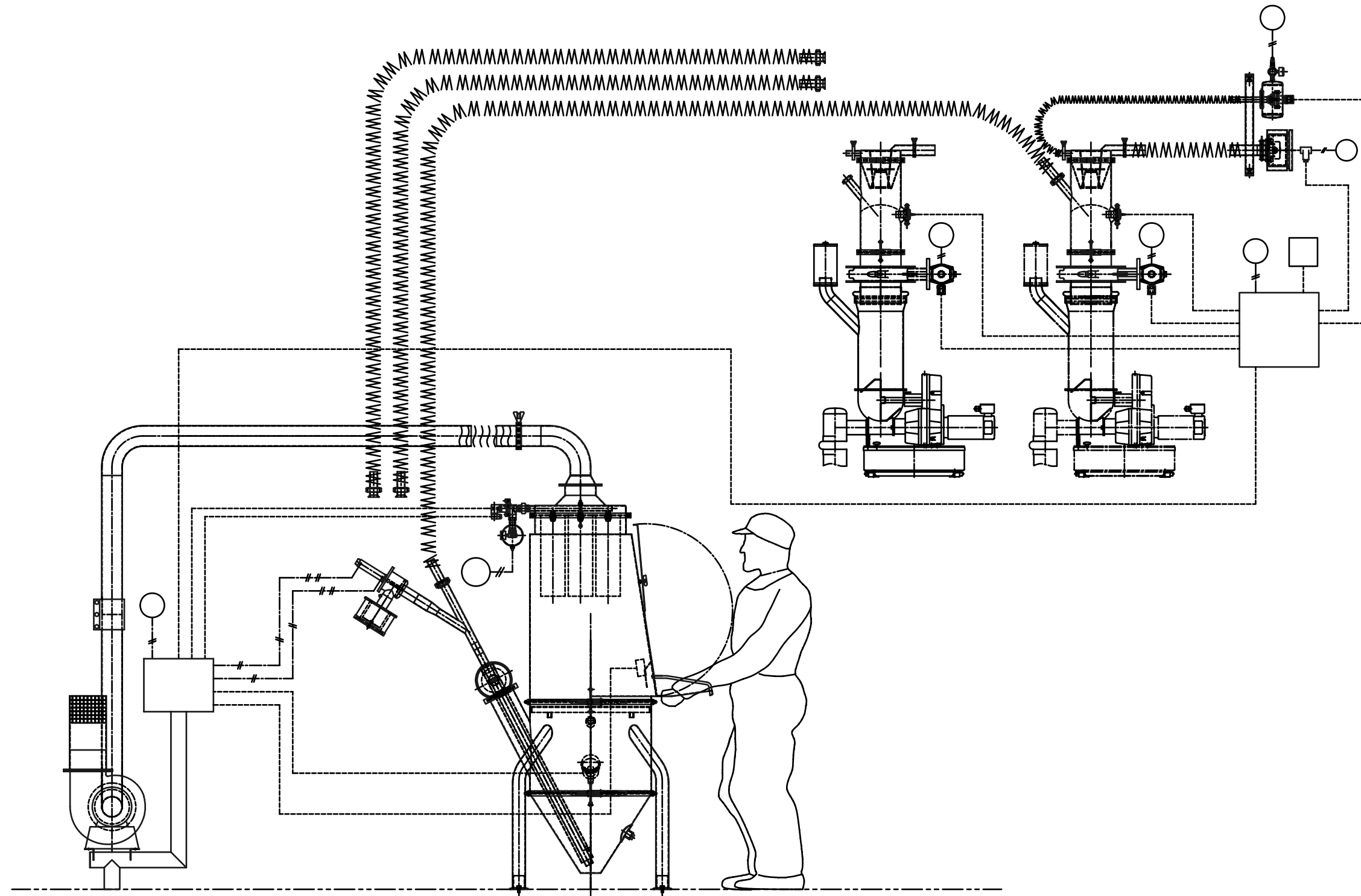
Fragile ingredients such as corn flakes, puffed rice and oats conveying and removing dust with minimum product degradation. Three station feeder loading with central vacuum pump.





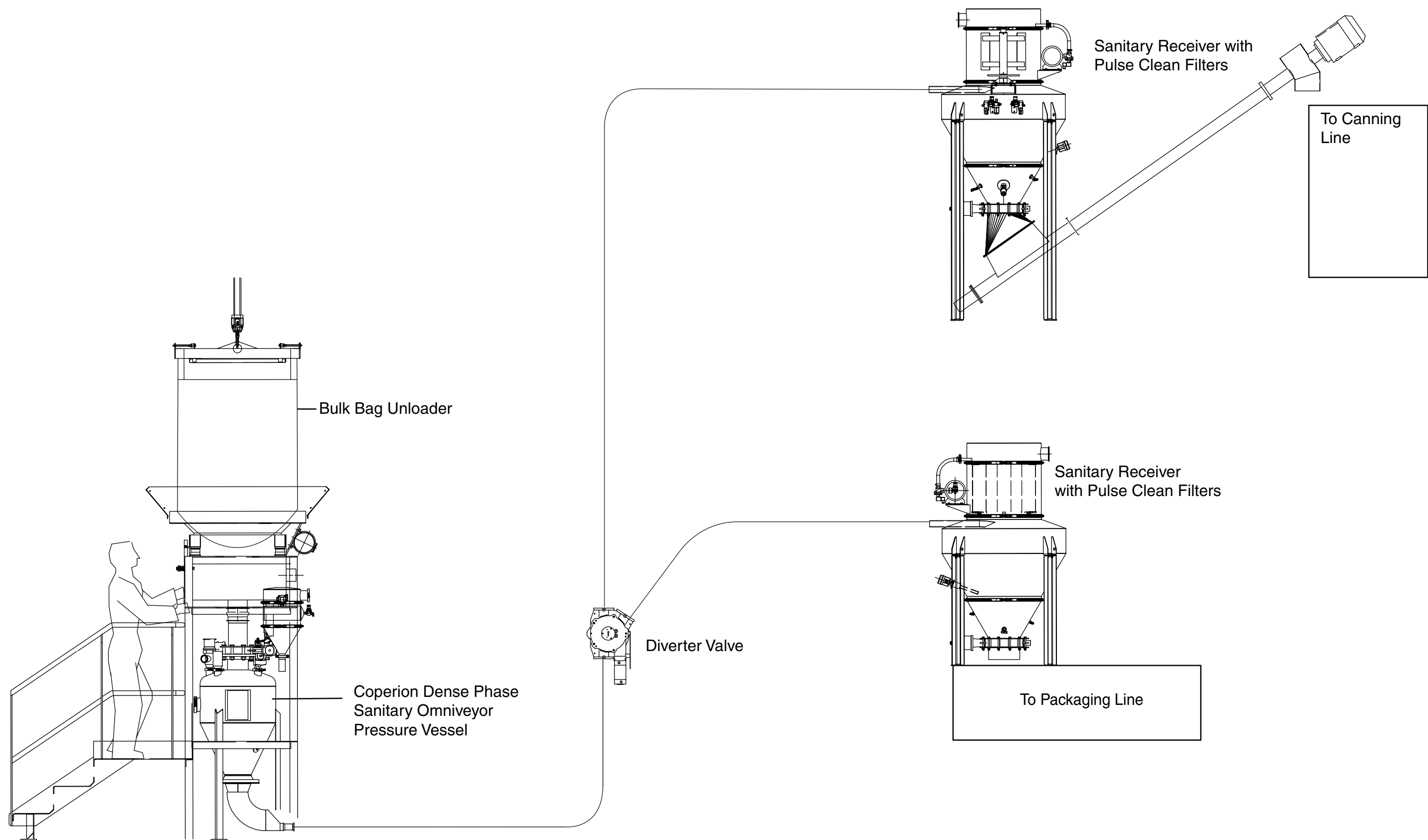
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Vacuum convey system with explosion relief panel and 10 bar resistant rotary valve. Material conveyed: food colorants.
 Important: Explosion panel must not be obstructed by the filter cartridges!



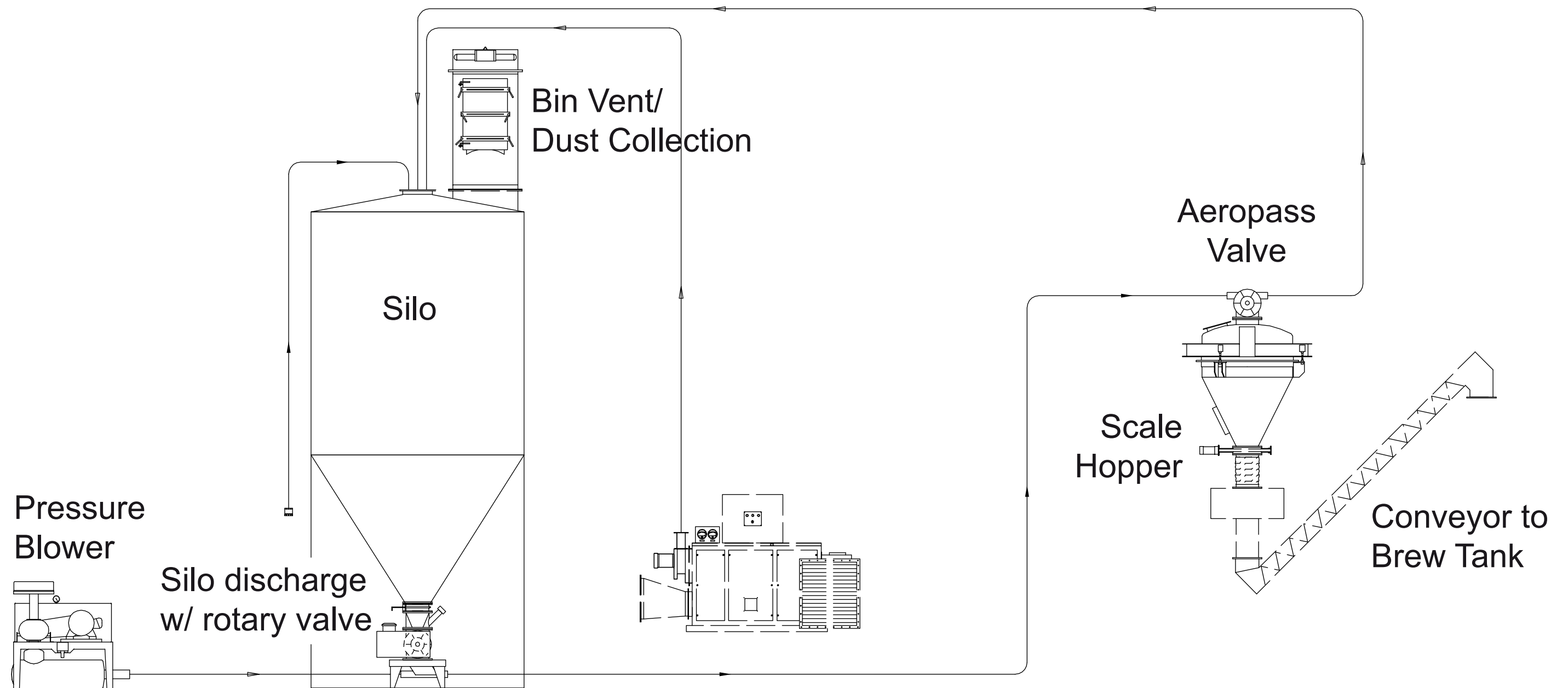
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Loss-in-weight feeder loading with different flavored ingredients. Self contained ventilated bag dump station.
Air powered venturi as vacuum source. 400 kg/hr over 15 meters.



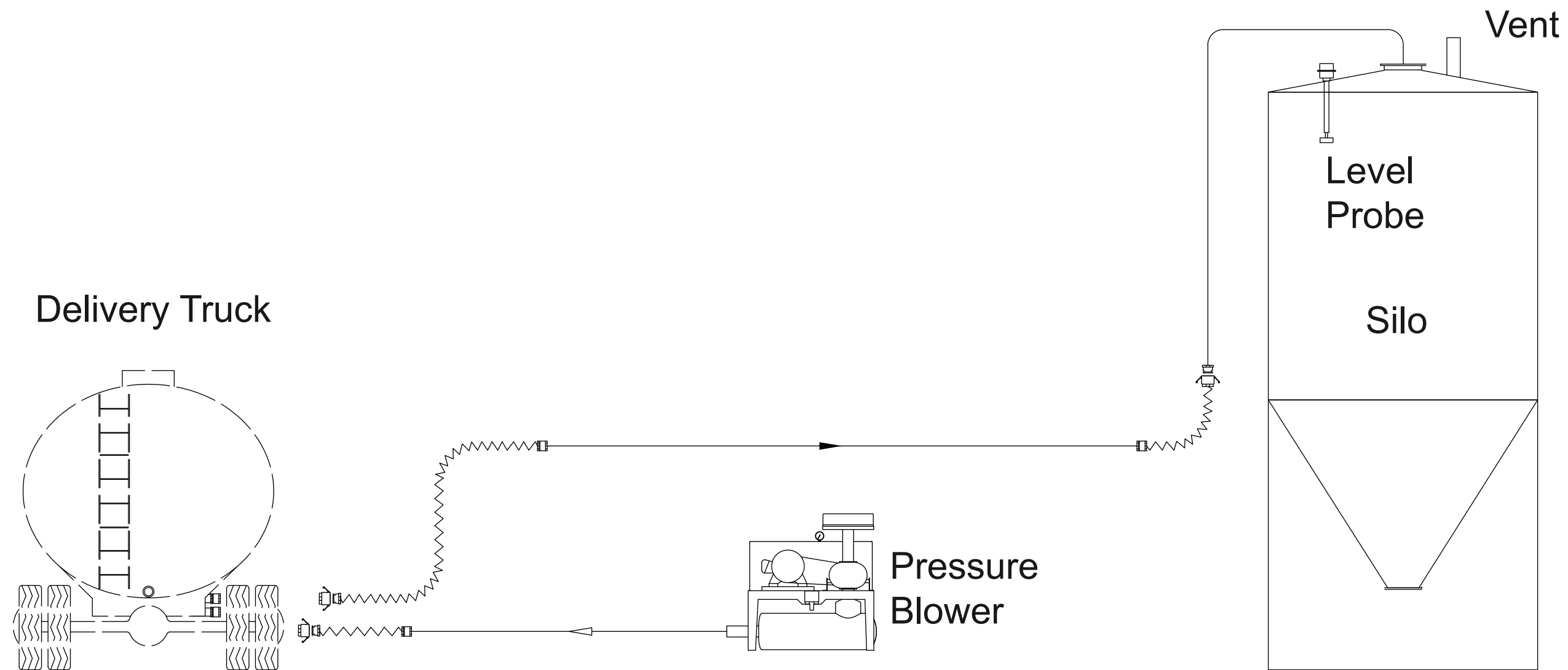
Food Industry

Dense phase system for transfer of milk powders to packaging line system was designed with purged line capabilities to minimize product degradation and maximize cleanability. Design includes unique sanitary pulse-clean receiver for receipt of conveyed powders.



Food Industry

Conveying system for malted barley direct from silos to brew tanks. Scale weigh hoppers also meter barley to tank.

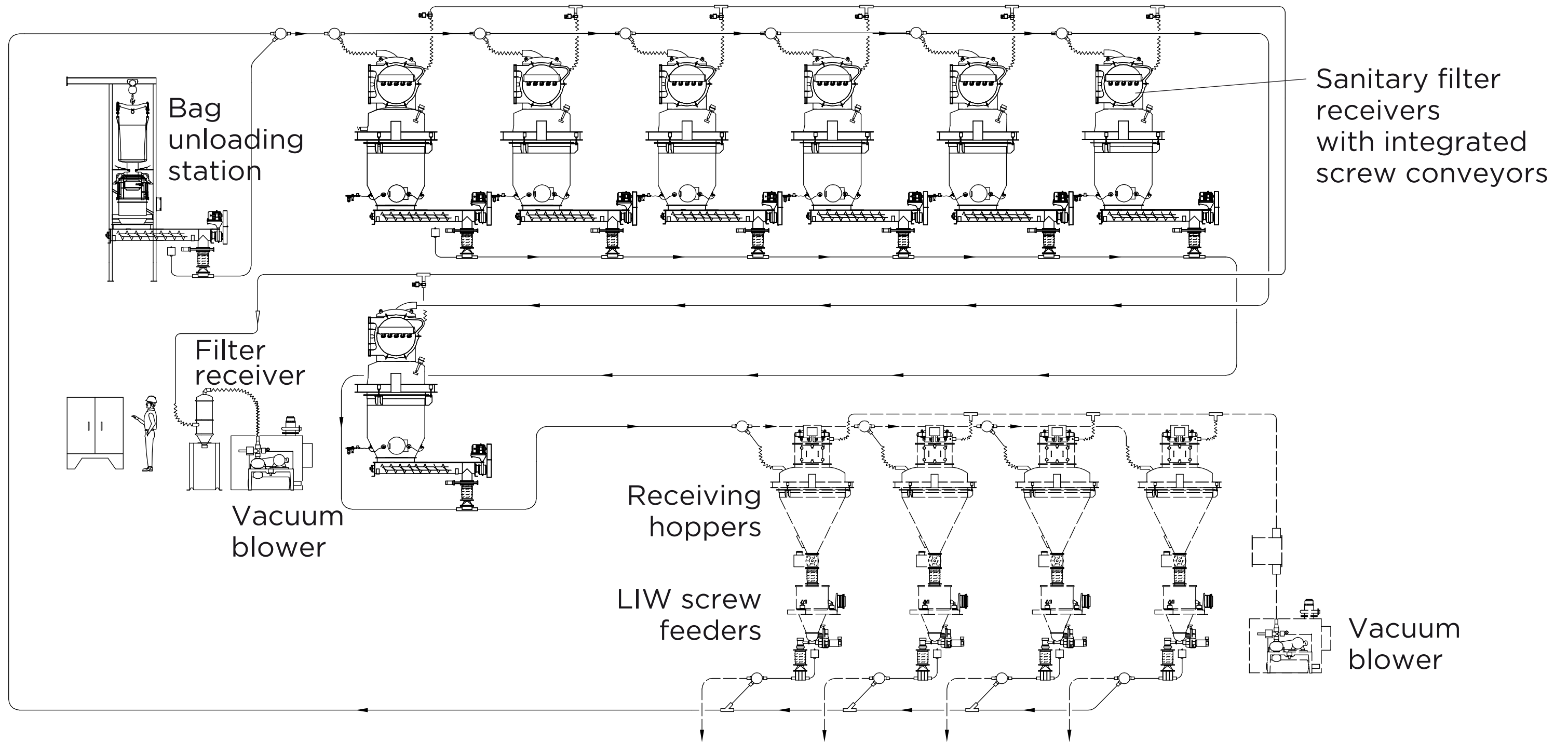


Food Industry

Continuous pressure truck unload system for conveying malted barley and other grains from truck to silo.

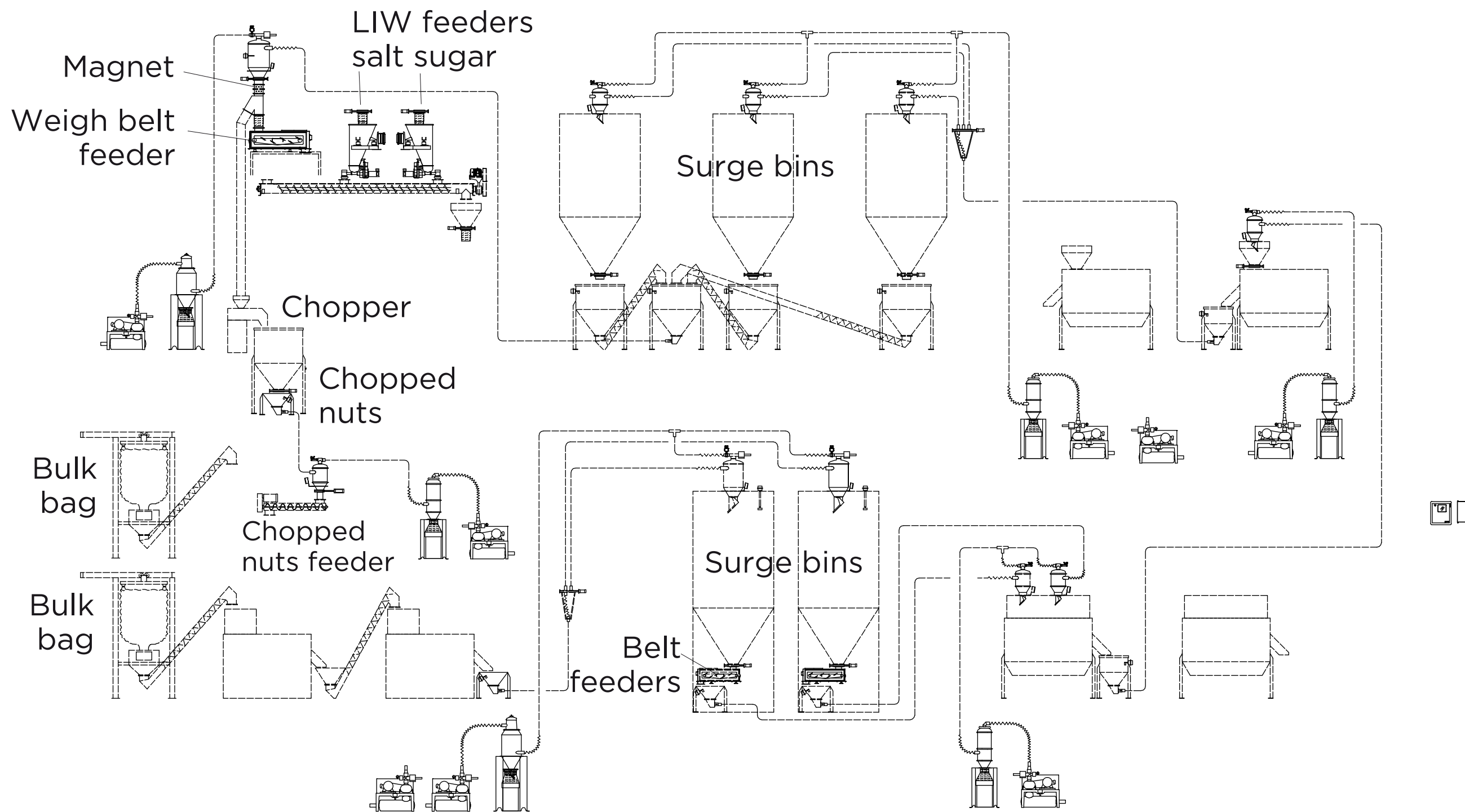


Ref. 13-08941



Food Industry

Conveying & Batch Weighing Line - line includes sanitary filter receivers for conveying raw ingredients to various Loss-in-Weight feeders for extrusion lines.



Food Industry

Nut Ingredient Supplier: Nut metering and vacuum sequencing line for conveying of nuts in various bins to choppers, blanchers and/or roasters. Line also includes Loss-in-Weight feeders for adding flavors to nuts.



Ref. 15-13050-8