

Client ID: 9997

NDPSC Bin Capacity Chart

08/23/2018 01:53:24 PM

Exam Date:08/20/2018

Pipeline Foods
Bowbells , ND
County:

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Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg.)		Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack
					Length	Width									

Facility: Bowbells**Section: A**

Added	A	001	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	002	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	003	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	004	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	005	Square	Interstice	0.000	9.500	9.500	40.00	4.00	0.00	44.000	0.000	44.0	72.5	5.20	3,356
Added	A	006	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	007	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	008	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	009	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	010	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	011	Square	Interstice	0.000	9.500	9.500	93.60	4.00	0.00	97.600	0.000	97.6	72.5	5.20	7,444
Added	A	012	Square	Interstice	0.000	9.500	9.500	93.60	4.00	0.00	97.600	0.000	97.6	72.5	5.20	7,444
Added	A	013	Square	Interstice	0.000	9.500	9.500	93.60	4.00	0.00	97.600	0.000	97.6	72.5	5.20	7,444
Added	A	014	Square	Interstice	0.000	9.500	9.500	93.60	4.00	0.00	97.600	0.000	97.6	72.5	5.20	7,444
Added	A	015	Square	Interstice	0.000	9.500	9.500	93.60	4.00	0.00	97.600	0.000	97.6	72.5	5.20	7,444
Added	A	016	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	017	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	018	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	019	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	020	Square	Interstice	0.000	9.500	9.500	84.90	4.00	0.00	88.900	0.000	88.9	72.5	5.20	6,780
Added	A	021	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460

NDPSC Bin Capacity Chart

08/23/2018 01:53:25 PM

Client ID: 9997

Exam Date: 08/20/2018

Examiner: 2

Pipeline Foods
Bowbells, ND
County:

Page: 2

Status	Section	Bin Number	Bin Type	Base Point	Diameter or Bu/Ft (Irreg.)	Length	Width	Side wall	Add for Hopper	Ded. for Obst.	Effective Depth	Add for Peak	Depth for Capac.	Bushels per Foot	Base Pack%	Bushel Capacity with Pack
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Facility: Bowbells

Section: A

Added	A	022	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	023	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	024	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	025	Square	Interstice	0.000	9.500	9.500	80.70	4.00	0.00	84.700	0.000	84.7	72.5	5.20	6,460
Added	A	30	Round	Interstice	26.000	0.000	0.000	86.00	1.60	0.00	87.600	0.000	87.6	426.8	8.20	40,454
Added	A	31	Interstice	Interstice	1.000	6.700	9.500	87.00	8.50	0.00	95.500	0.000	95.5	47.0	4.80	4,704
Added	A	32	Round	Interstice	26.000	0.000	0.000	86.00	1.60	0.00	87.600	0.000	87.6	426.8	8.20	40,454

Bin count: 28

Facility: Bowbells Section: A Total: 252,128

To Even: 253,000

Overall Licensed Bin Capacity for:

Pipeline Foods

Bin count: 28

Licensed Capacity:
(includes pack)

252,128 Bu.

Licensed Capacity (to even):
(includes pack and section totals are
rounded up to next highest 1000)

253,000 Bu.

Pipeline Foods
Bowbells ND
4627
PH 08/01/17

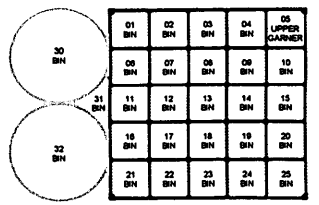
30
34000

31
4500

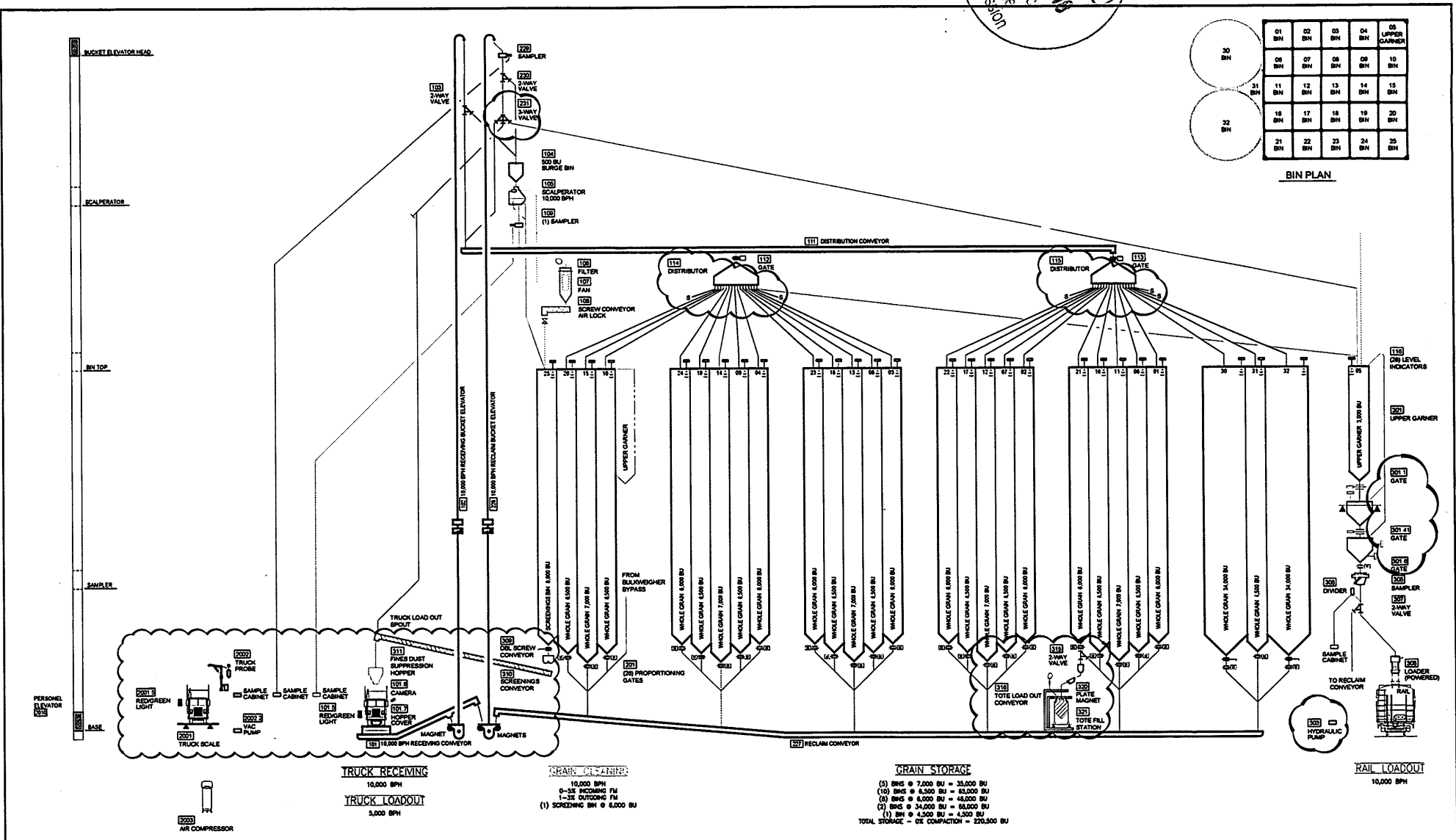
32
34000

01 6000	02 6000	03 6000	04 6000	Upper Gamer
06 6500	07 6500	08 6500	09 6500	10 6500
11 7000	12 7000	13 7000	14 7000	15 7000
16 6500	17 6500	18 6500	19 6500	20 6500
21 6000	22 6000	23 6000	24 6000	25 6000

RECEIVED
 AUG 22 2015
 ND Public
 Service
 Commission



BIN PLAN



ISSUED FOR
CONSTRUCTION

TRUCK RECEIVING
 10,000 BPH
TRUCK LOADOUT
 5,000 BPH

GRAIN CLEANING
 10,000 BPH
 0-3% INCOMING FM
 1-3% OUTGOING FM
 (1) SCREENING BIN @ 6,000 BU

GRAIN STORAGE
 (5) BINS @ 7,000 BU = 35,000 BU
 (10) BINS @ 6,500 BU = 65,000 BU
 (8) BINS @ 6,000 BU = 48,000 BU
 (2) BINS @ 34,000 BU = 68,000 BU
 (1) BIN @ 4,500 BU = 4,500 BU
 TOTAL STORAGE - 0% COMPACTION = 220,500 BU

RAIL LOADOUT
 10,000 BPH

DESIGNED BY:	JOH	DATE:	08/19/2014
APPROVED BY:	GAL	SCALE:	AS SHOWN
REVISED TO DATE:	BAK J.P.	PROJECT:	17918
ISSUED FOR CONSTRUCTION:	JOH J.P.	SHEET INFO:	
REVISION DESCRIPTION:	BT	APPD:	DATE:

WEITZ // BUILD A BETTER WAY.SM

3033 CAMPUS DRIVE, SUITE N150 MINNEAPOLIS, MN 55411-2848
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PIPELINE FOODS, LLC
 BOWBELLS, NORTH DAKOTA
PROCESS FLOW DIAGRAM
 ORGANIC GRAIN PROCESSING FACILITY
 SHEET NUMBER: PFD1 REVISION: 1