

RECEIVED

**CONCRETE BATCHING PLANT
AIR GENERAL PERMIT REGISTRATION FORM** **APR 06 2011**

**Part II. Notification to Permitting Office Bureau of Air Monitoring
& Mobile Sources**
(Detach and submit to appropriate permitting office; keep copy on file)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

7775535-002

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- ☐ Construct and operate a proposed new facility.
☐ Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- ☐ Continue operating the facility after expiration of the current term of air general permit use.
☐ Continue operating the facility after a change of ownership.
☒ Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- ☒ All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):
Air General Permit 7775535
☐ No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

TREVIICOS South, Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Pahokee Staging Area

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: East Main Street

City: Pahokee

County: Palm Beach

Zip Code: 33476-0000

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facility)

N/A for existing facility

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Carlos Morales, Quality Control Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: TREVIICOS South, Inc.

Street Address: 39878 State Road 80

City: Belle Glade

County: Palm Beach

Zip Code: 33430

Owner/Authorized Representative Telephone Numbers

Telephone: 561-993-0800

Fax: 561-993-0814

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Carlos Morales, Quality Control Manager

Facility Contact Mailing Address

Organization/Firm: Treviicos South, Inc.

Street Address: 39878 State Road 80

City: Belle Glade

County: Palm Beach

Zip Code: 33430-0000

Facility Contact Telephone Numbers

Telephone: 561-993-0800

Fax: 561-993-0814

Cell phone (optional):

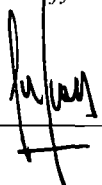
Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

Signature

 CARLOS MORALES

Date

March 29, 2011

Type of Facility

Check one:

☐ Stationary Facility☒ Relocatable Facility**Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions**

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

☒ Pave Roads☒ Pave Parking Areas☐ Pave Yards☒ Maintain Roads/Parking/Yards☒ Use Water Application☐ Use Dust Suppressant☐ Remove Particulate Matter☐ Reduce Stock Pile Height☐ Install Wind Breaks

Check all precautions to be used for the management of drop points to trucks:

☐ Spray Bar☐ Chute☐ Enclosure☐ Partial enclosure**Description of Reasonable Precautions**

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility. 1. All material stored in steel silos

2. water truck available during dry material delivery 3. Trucks filled with cement/bentonite slurry 4. Operation supervised by authorized/qualified personnel only

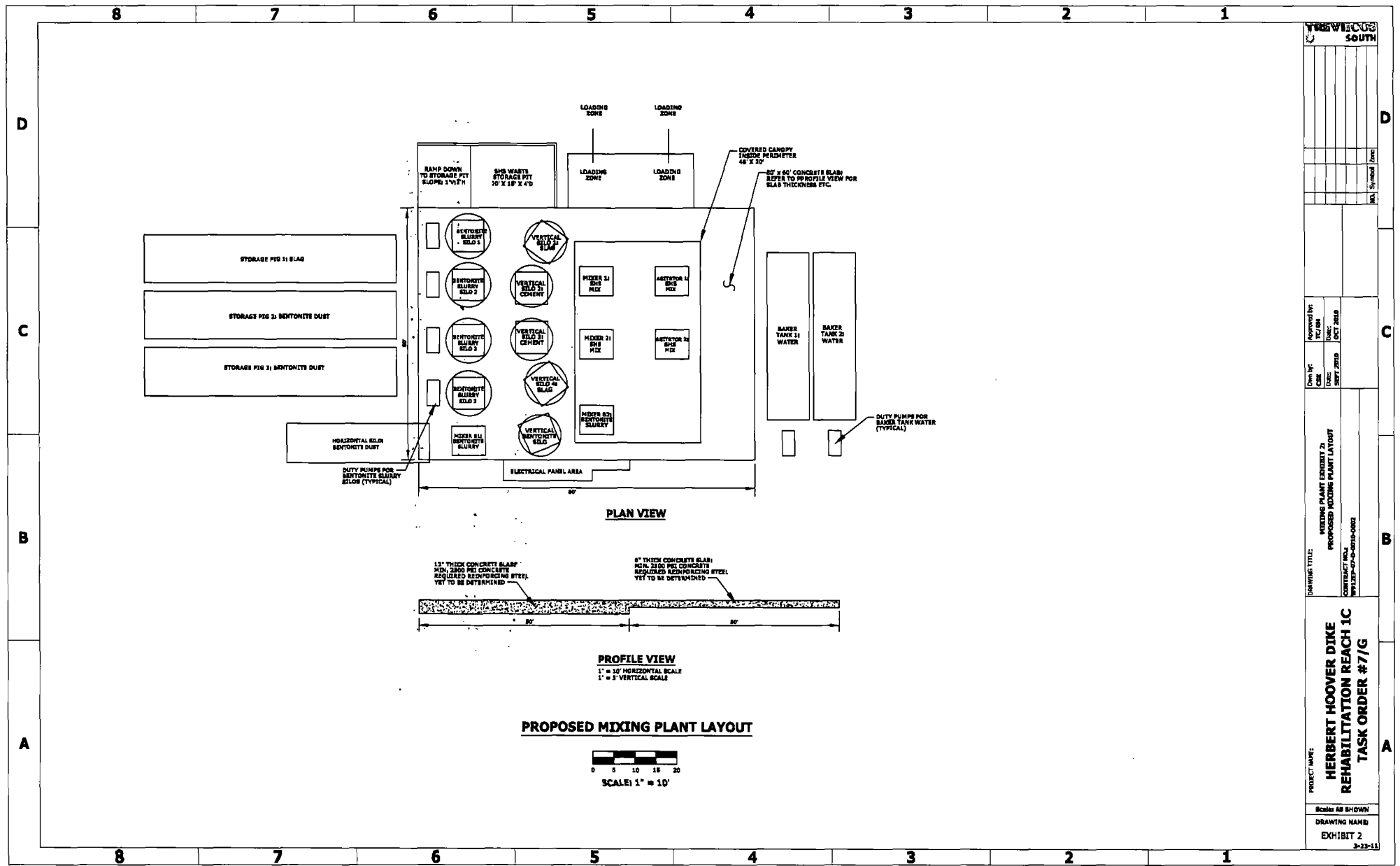
Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

Facility description is as described in Air General Permit Application, same owner, signed by Carlos Morales 20 August 2008. New application is in compliance with requirements of 62-210,310(2)(e) FAC (Addition of second Bentonite slurry mixer) (see attached Drawing)

* SEE ATTACHED E-MAIL DATED
APRIL 21 2011 AS AN ADDENDUM
TO THIS FORM.

10



Y&H CONSULTANTS SOUTH	
Approved For: DATE:	Drawn By: DATE:
Checked By: DATE:	Design By: DATE:
PROJECT TITLE: HERBERT HOOVER DIKE REHABILITATION REACH 1C TASK ORDER #7/G	
DRAWING NAME: EXHIBIT 2	
Scale: AS SHOWN	
2-22-11	

From: (561) 993-0800
 Dora Bauer
 TREVIICOS SOUTH
 39878 State Road 80
 Hoover Dike Project
 Belle Glade, FL 33430

Origin ID: LNAA



Ship Date: 31MAR11
 ActWgt: 1.0 LB
 CAD: 5793068/INET3130

Delivery Address Bar Code



SHIP TO: (617) 594-1747
FDEP Receipts
FDEP
PO Box 3070

BILL SENDER

Ref # TREVIICOS South
 Invoice # 03/31/11
 PO # Florida Dept. of Envr. Prot.
 Dept # TREVIICOS South

TALLAHASSEE, FL 32315

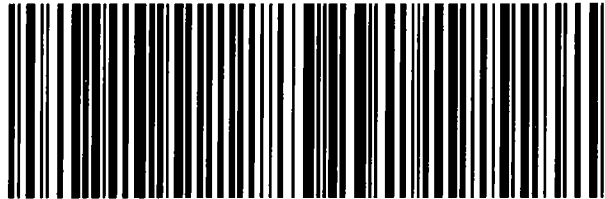
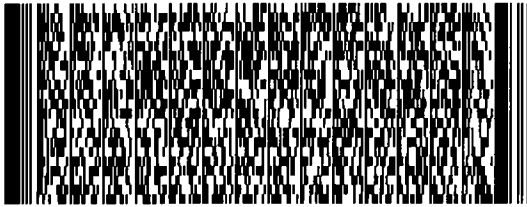
FRI - 01 APR A2
PRIORITY OVERNIGHT

TRK# 7945 9729 1227

0201

XH TLHA

32315
 FL-US
 TLH



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After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

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Dibble, Dickson

PENDING

From: Carlos Morales [cmorales@treviicos.com]
Sent: Wednesday, April 13, 2011 7:25 AM
To: Dibble, Dickson
Cc: Jeff Taylor; Craig Humble
Subject: RE: Concrete Batching Plant AGP Registration Form for Facility ID# 7775535, TREVIICOS South inc, Pahokee Staging Area

Dear Mr. Dickson,

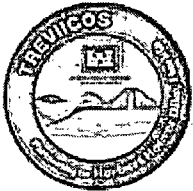
Thanks a lot for your mail, we appreciate your cooperation and we will provide the required information immediately.

Should you have any other comments or questions, do not hesitate to contact me at this e-mail address, or the phones listed here below.

Kind regards,

Carlos Morales
Quality Control Manager - Deputy P.M.

TREVIICOS SOUTH, Inc.
39878 State Road 80
Belle Glade, FL 33430
P: (561) 993-0800
F: (561) 993-0814
C: (617) 590-8709
Email: cmorales@treviicos.com
www.treviicos.com



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From: Dibble, Dickson [<mailto:Dickson.Dibble@dep.state.fl.us>]
Sent: Wednesday, April 13, 2011 6:06 AM
To: Carlos Morales
Cc: Ajhar, Rebecca
Subject: Concrete Batching Plant AGP Registration Form for Facility ID# 7775535, TREVIICOS South inc, Pahokee Staging Area

Dear Mr. Morales,

I am in receipt of the subject item form submitted, according to rule, for the purpose of making changes to the equipment located at the referenced facility.

On Page 10 of the form under the heading of **Description of Facility**, it requests the following information:

Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

Each time a new registration form is filed whether it be for renewal purposes, or a change of equipment, the form must provide the following detailed information for all process equipment (***each silo, weigh batcher, and truck loadout***) that are a part of the facility being registered. It should also include similar information for all emission control devices (***each baghouse, dust collector, vent filter, etc.***) associated with or connected to the process equipment.

- 1) Manufacturer
- 2) Model numbers
- 3) Product stored in each Silo (cement, slag, flyash, etc.)
- 4) Capacity of silos (expressed in Bbls, Tons or Cu. Ft.)
- 5) Silotop baghouse(s) (make and models and application to which process equipment (silo, weigh hopper/batcher, loadout, etc.)
- 6) Central baghouse(s) (make and models and application to which process equipment (silo, weigh hopper/batcher, loadout, etc.)

The above information requested was not included on the form submitted.

Please help me bring the renewal of your registration to a successful conclusion. In order to complete my review I must receive the above information no later than close of business on Tuesday, May 3, 2011 or I will have to deny your permit, and I really don't like to have to do that.

Thank you for your prompt attention to this matter. If you have any questions, comments or concerns please e-mail or call.

Have a great day!

Sincerely yours,

Dickson E. Dibble

Dickson E. Dibble, ES III

Air General Permit Program
FL Dept of Environmental Protection
Div. of Air Resource Management
Bureau of Air Monitoring & Mobile Sources
Tel. (850) 717-9071
FAX (850) 717-9001
GIC - #59571
Dickson.Dibble@dep.state.fl.us



Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

From: Gene Schaltenbrand [schaltee@bellsouth.net]
Sent: Thursday, April 21, 2011 3:04 PM
To: Dibble, Dickson
Cc: Craig Humble
Subject: Traviicos 7775535
Attachments: EXHIBIT 2 - PROPOSED MIXING PLANT LAYOUT 3-23-11.pdf

Dick:

Got it sorted out!

Please use the attached drawing for reference-

There are four mixers all Lorenzetto Loris "Lodos 30"

Mixers 1 and 2 on the drawing do the final mixing of cement, slag, bentonite slurry, and water. Their rated capacity is 1.5 m3 or 16 ft3./ That volume is exhausted thru one 8" dia by 44" long polyester bag as the unit fills, after a few minutes of mixing the material is pumped out to one of two agitators and 16ft3 of air is sucked back into the mixer.

Mixers B1 and B2 on the drawing have a similar process except they mix dry bentonite and water to make the slurry later used in mixers 1 and 2. Mixer B2 has two 8" x 44" bags instead of one - the only possible reason we came up with is the screw conveyor feeding it is larger than on the other three mixers. The slurry from these mixers is stored in the bentonite slurry silos.

The five vertical silos store the material noted on the drawing and are 300 barrel capacity. Silos 1 and 4 store slag and are equipped with 225 ft2 "Belle Dust Houses". Silos 2 and 3 store cement and are equipped with 150 ft2 "Belle Dust Houses". Lastly the bentonite silo has a Belle 225 ft2 Dust House. All manufactured by Belgrade Steel Tank.

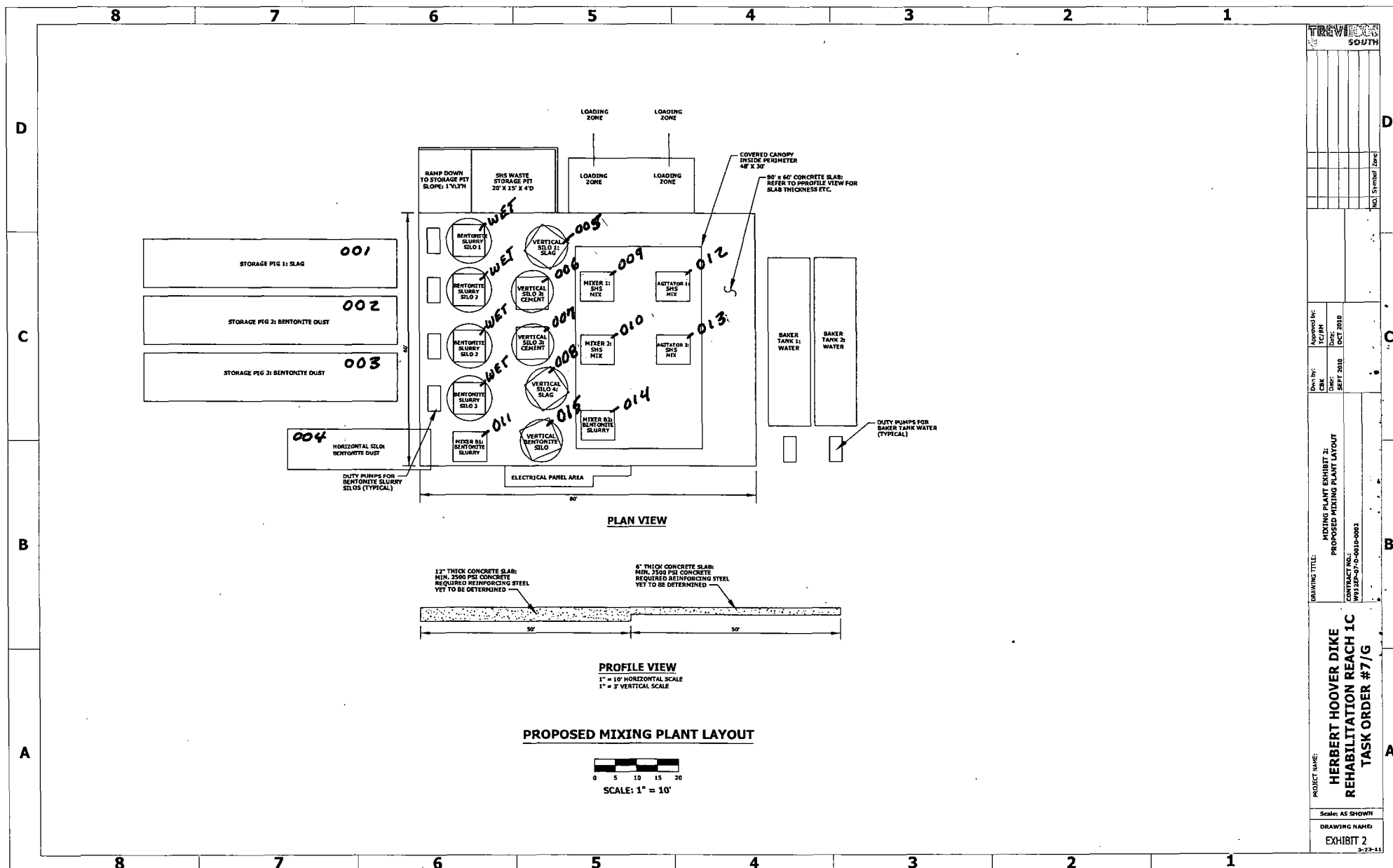
The three "Pigs" are 30300 Gal or about 4000 ft3 capacity. They and the horizontal silo (which I believe is 200 barrel capacity) are vented by two Belle 225 ft2 Dust Houses located at grade adjacent to Pig 3. The Pigs are by "RETESA" and the silo by Belgrade Steel Tank

Finally - EU numbers I suggest these last two collectors that are at grade level be numbered 001 and 002, the silos 003 thru 007 starting with the bentonite silo and proceeding toward the top of the drawing, mixers 1 and 2 be 009 and 010 then mixers B1 and B2 be 011 and 012.

WOW :-)

Gene Schaltenbrand
Brooks & Associates

PS: The agitators are also Lorenzetto Loris but "Agitatore 4500"



Dibble, Dickson

From: Dibble, Dickson
Sent: Tuesday, April 19, 2011 3:14 PM
To: 'schaltee@bellsouth.net'
Cc: Ajhar, Rebecca; Thomas_Tittle@doh.state.fl.us; 'chumble@treviicos.com'
Subject: FW: Traviicos South 7775535
Attachments: Drawing1.pdf; Drawing2.pdf; collector.pdf; silo.pdf; mixer.pdf

Tracking:	Recipient	Delivery
	'schaltee@bellsouth.net'	
	Ajhar, Rebecca	Delivered: 4/19/2011 3:14 PM
	Thomas_Tittle@doh.state.fl.us	
	'chumble@treviicos.com'	

Dear Mr. Schaltenbrand,

Thank you for your response to my request below for additional information which I originally sought from Mr. Carlos Morales

1) I am in need of some additional clarification, specifically the Model# of the new Lorenzetto bentonite slurry Mixer #B2 that is being added.

2) Also, our database indicates the following with respect to mixers/agitators and seems to be at odds with the labeling/identification of those units as depicted your Drawing #2.

Our database identifies the mixer/agitator units in the following manner:

EU 009 - West slag/cement/bentonite mixer #1 of 5 w/dust control bag
EU 010 - Center slag/cement/bentonite mixer #2 of 5 w/dust control bag
EU 011 - East slag/cement/bentonite mixer #3 of 5 w/dust control bag
EU 012 - West wet mixer #4 of 5
EU 013 - East wet mixer #5 of 5

Your schematic diagram identifies the following mixer/agitator units as:

MIXER 1: SHS MIX
AGITATOR 1: SHS MIX
MIXER 2: SHS MIX
AGITATOR 2: SHS MIX
MIXER B1: BENTONITE SLURRY
MIXER B2: BENTONITE SLURRY (NEW UNIT BEING ADDED)

I would like to use the identifiers as you have shown them labeled on your schematic diagram, but am having trouble connecting the units with the ones that are currently listed in our database. Can you help me?

Thank you for any insight that you may be able to provide.

If you have any questions, comments or concerns please e-mail or call.

Thank you and have a great day!

Sincerely yours,

Dickson E. Dibble

Dickson E. Dibble, ES III
Air General Permit Program
FL Dept of Environmental Protection
Div. of Air Resource Management
Bureau of Air Monitoring & Mobile Sources
Tel. (850) 717-9071
FAX (850) 717-9001
GIC - #59571
Dickson.Dibble@dep.state.fl.us

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure

-----Original Message-----

From: Gene Schaltenbrand [<mailto:schaltee@bellsouth.net>]
Sent: Tuesday, April 19, 2011 11:15 AM
To: Dibble, Dickson
Cc: Craig Humble
Subject: Traviicos South 7775535

Dickson:

With regard to your e-mail to Carlos Morales requesting information on their AGP application. I offer the following:

1. Drawing of facility overlaid on aerial map "Drawing1"
2. Plain drawing of facility "Drawing2"
3. Dust collector specifications "Collector"
4. Silo Specifications "Silo"
5. Mixer drawing "Mixer"

By way of explanation: The vertical silos and their contents are indicated on "Drawing2", only those silos containing dry materials (cement, slag, and bentonite) are equipped with 150 sqft dust collectors as shown on "collector". The mixers also are indicated on "Drawing2". Each mixer has a single, approximately 8" diameter by 60" long fabric bag venting the unit that does not appear on the manufacturer supplied drawing "Mixer" nor is it mentioned in the operators manual. The silos are identical and as shown on the drawing "Silo". Not shown on any drawing are two 225 sqft dust collectors "Collector" that are located adjacent to Storage pig 3 and the horizontal silo. These two collectors serve the "pigs" and the horizontal silo.

Dickson, I think that should cover your questions - if I've left anything out please contact me directly.

Have a good day :-)

E.D. "Gene" Schaltenbrand, P.E.
Brooks & Associates
954.796.1980



AREA WITHIN 6' CHAIN LINK FENCE:
USABLE AREA = 2 AC (87,120 SF)

NOTE:
SHS MIXING PLANT AND EQUIPMENT LAYOUT
MAY CHANGE DUE TO FIELD CONDITIONS.

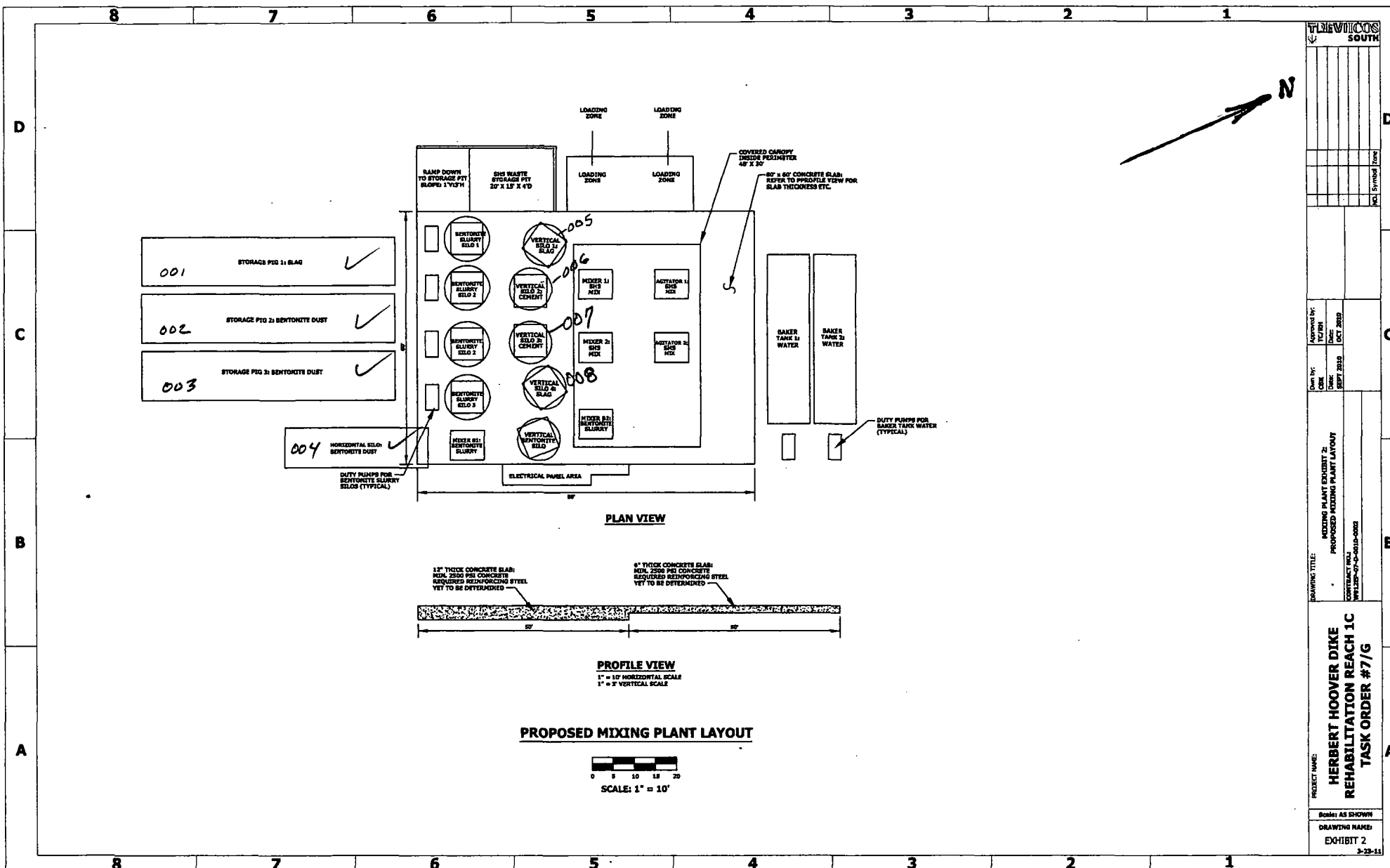
TREVINO
SOUTH

Drawn By: M.E. & C.B.K.
Checked By: M.E. & C.B.K.
Date: JAN-31-2011
Date: JAN-31-2011

DRAWING TITLE: EXHIBIT 3
PAVEMENT STAGING AREA
CONTRACT NO.
SPECS SECTION N/A

PROJECT NAME:
HERBERT HOOVER DIKE
REHABILITATION REACH 1C
TASK ORDER #7/G

Scale: AS SHOWN
DRAWING NAME:
EXHIBIT 3
3-23-11

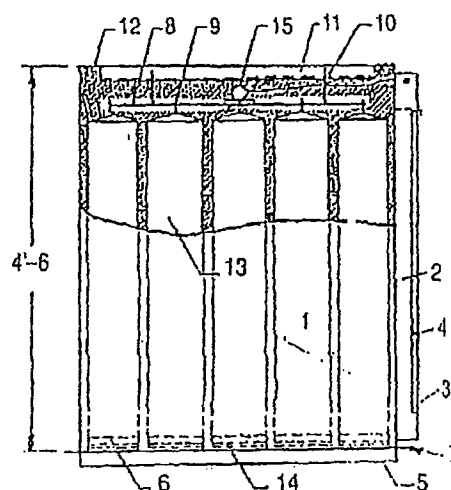
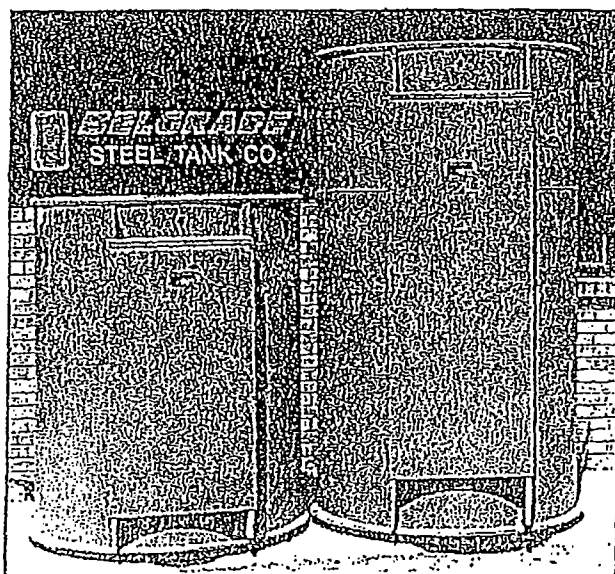




405 Lowery Ave. • Box 220
Belgrade, Minnesota 56312
Phone: (320) 254-8246 • FAX: (320) 254-3458



"Belle" Style Dust House



SQUARE FT.
BAG AREA

CAP. CEMENT

150
225

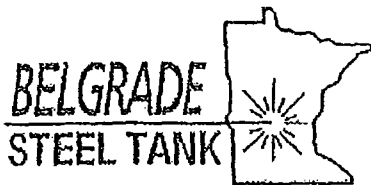
375 C.F.M.
675 C.F.M.

Parts List	150 Sq. Ft.	225 Sq. Ft.
1. Housing	4'6" x 10' x 14 Ga.	6'6" x 10' x 14 Ga.
2. Door Frame	4'4" x 4 1/2" x 12 Ga.	6'4" x 4 1/2" x 12 Ga.
3. Door Frame Screw (2)	21" x 4 3/4" x 12 Ga.	same
4. Door	42" x 24" x 14 Ga.	60" x 24" x 14 Ga.
5. Mating Flange	2" x 2" x 3/16 Angle 44" Diameter	same
6. Sock Holders	8" Diameter - 18 Pcs.	same
7. Base	48" Dia. x 10 Ga.	same
8. Shaker Plate	36" Dia. x 12 Ga.	same
9. Open Eye Bolt	1/4" x 3" - 18 Pcs.	same
10. Suspension Bolts (4)	3/8" x 5" Hex	same
11. Suspension Bar Ass'm	Angle Iron Support	same
12. Cover	47" Dia. x 14 Ga.	same
13. Polyester Socks	(18) 4' x 8" Dia.	(18) 6' x 8" Dia.
14. Band Clamps	18 Required	same
15. Vibrator	VS 190	same
Opt: Single Phase Electric Vibrator		

"Belle" Filter Stock Specifications	
Style	PE 37
Fiber	100% Polyester
Weight	9 oz./Sq. Yd.
Construction	Spun/Spun
Count	100W x 60F
Air Permeability	20-30 C.F.M.
Mullen Burst	500 PSI
Tensile Strength	Warp Direction 300#
	Fil Direction 275#
Thermal Stability	2% Max. 300 Degrees F
Max Operating Temp	275 Degrees F
Efficiency	99.99%

Air Consumption - 8 CFM
@ 80 psi

The dust house is equipped with either an air powered or electric powered vibrator used for the cleaning of the bags. If air powered, connect air supply line to the port located on center above the door, and supply the vibrator with 80 psi oiled or non-oiled air. If electric powered, reconnect power cord which exits the top side of dust house to the control box supplied. Operate vibration for approx. 5-10 minutes after each load of material has been blown in.

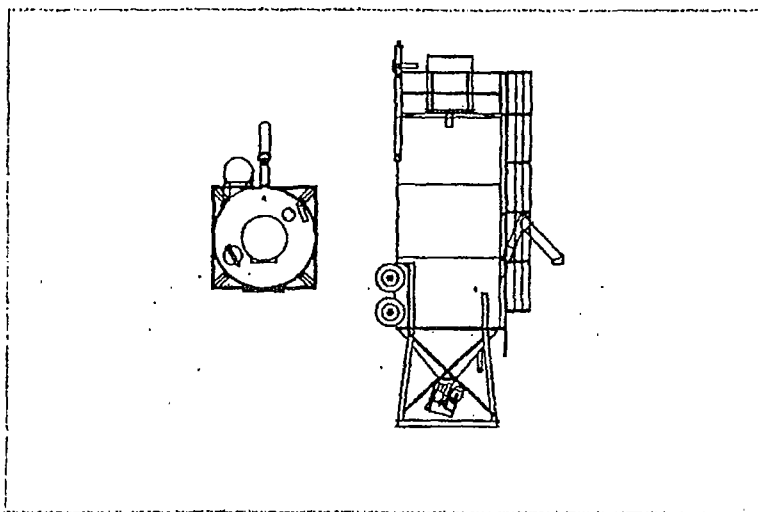


Portable Silos

350 Barrel Capacity Standard Equipment: Legal 8' -6" dia. X 37' -0" height, positive feed drive 9" dia. X 17' -0" auger, 10Hp 3Ph motor and gear box drive, heavy duty dual axle trailer and tires, electric brakes and light package, 150 sq. ft. dust house with air vibrator and pop off valve, caged ladder and railing, (8) external air pads with manifold, sand blast, prime and paint standard color (white, light grey, dunes tan, cat yellow).

Options:

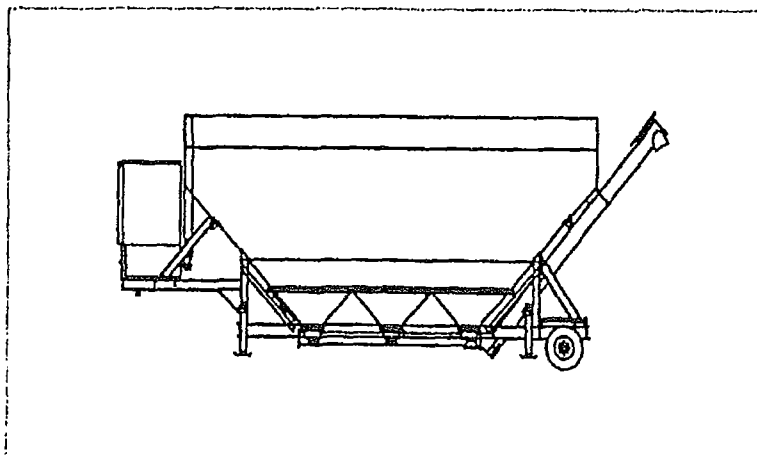
- Upgrade to 12" screw with 20Hp 3 Ph motor



300 Barrel Capacity Standard Equipment: Legal 8' -6" wide x legal 13' -6" tall, 38' -0" overall length, 7" cross screw, 9" carry up screw, 5 Hp and 10Hp 3Ph motor and gear box drives, jam gate on each hopper, 10,000# axle with dual wheels and electric brakes, 5th wheel trailer and lights, 150 sq. ft. dust house with air vibrator and pop off valve, (24) external air pads, weight 15,000#, sand blast, prime and paint standard color (white, light grey, dunes tan, cat yellow).

Options:

- Upgrade to 12" screw with 20Hp 3 Ph motor





38 Third Avenue, 3rd Floor
Boston National Historic Park
Charlestown, MA 02129

