

P 243 308 515  
**RECEIPT FOR CERTIFIED MAIL**  
 NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to Mr. R. G. Moore, Gold Bond	
Street and No. P. O. Box 19307 Bldg. Prod.	
P.O. State and ZIP Code Tampa, FL 33616	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 6-1-90 Permit: AC 29-176010	

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address.  
 2.  Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. R. G. Moore Tampa Plant Manager Bold Bond Building Products P. O. Box 19307 Tampa, Florida 33616	4. Article Number P 243 308 515
5. Signature — Address X	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
6. Signature — Agent X <i>Ray D. Webb</i>	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery 6-5-90 <i>CK</i>	

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF PERMIT

Mr. R. G. Moore  
Tampa Plant Manager  
Gold Bond Building Products  
P. O. Box 19307  
Tampa, Florida 33616

June 1, 1990

Enclosed is construction permit No. AC 29-176010 to increase the operating rate of the land plaster bin screw conveyor system located at your facility in Tampa, Hillsborough County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

Copy furnished to:

W. Thomas, SW District  
J. Campbell, EPCHC  
W. Sarrells, Gold Bond

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 6-1-90.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Lynd Baker  
Clerk

6-1-90  
Date

Final Determination

Gold Bond Building Products  
Tampa, Hillsborough County, Florida

Increase Operating Rate of  
Land Plaster Bin Screw Conveyor System  
Permit No. AC 29-176010

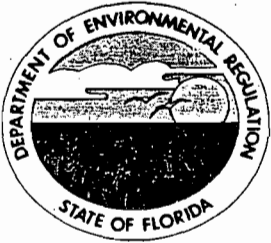
Department of Environmental Regulation  
Division of Air Resources Management  
Bureau of Air Regulation

May 25, 1990

## Final Determination

The construction permit application has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in the Tampa Tribune on May 2, 1990. The Technical Evaluation and Preliminary Determination were available for public inspection at the Department's Southwest District office, the Environmental Protection Commission of Hillsborough County, and the Bureau of Air Regulation in Tallahassee.

No comments were received during the public notice period. Therefore, the final action of the Department will be to issue the construction permit as drafted.



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

Gold Bond Building Products  
P.O. Box 19307  
Tampa, Florida 33616

Permit Number: AC 29-176010

Expiration Date: December 31, 1990

County: Hillsborough

Latitude/Longitude: 27°52'00"N  
82°33'00"W

Project: Increase in Operating Rate  
of Land Plaster Bin Screw Conveyor  
System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For an increase in the operating rate of the land plaster bin screw conveyor system located at the permittee's Tampa facility in Hillsborough County, Florida. The UTM coordinates are Zone 17, 347.3 km E and 3082.7 km N.

The increase in operating rate shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application to Construct Air Pollution Sources, DER form 17-1.202(1) received January 29, 1990.

**PERMITTEE:**  
Gold Bond Building Products

**Permit Number:** AC 29-176010  
**Expiration Date:** December 31, 1990

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Gold Bond Building Products

Permit Number: AC 29-176010  
Expiration Date: December 31, 1990

GENERAL CONDITIONS:

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.



PERMITTEE: Gold Bond Building Products      Permit Number: AC 29-176010  
Expiration Date: December 31, 1990

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and

PERMITTEE:  
Gold Bond Building Products

Permit Number: AC 29-176010  
Expiration Date: December 31, 1990

**GENERAL CONDITIONS:**

records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. Maximum process rate for the land plaster bin screw conveyor system shall be 80 tons per hour.
2. The land plaster bin screw conveyor system may operate 8,736 hours per year.
3. Visible emissions from the land plaster dust collector shall not exceed 5% opacity.
4. Unconfined particulate emissions associated with the land plaster conveying system shall be controlled or prevented.
5. Before this permit expires, the land plaster dust collector shall be tested for visible emissions. Test procedures shall be in accordance with DER Method 9. The Department's Southwest District office and the Environmental Protection Commission of Hillsborough County (EPCHC) shall be notified in writing 15 days

PERMITTEE:  
Gold Bond Building Products

Permit Number: AC 29-176010  
Expiration Date: December 31, 1990

**SPECIFIC CONDITIONS:**

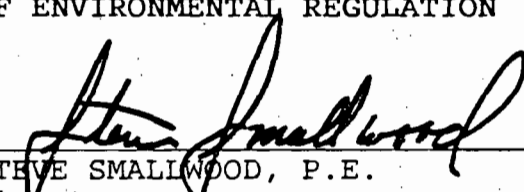
or more prior to the compliance test. The test shall be conducted at maximum permitted process rate or no less than 90% thereof. Actual process rate during the test shall be reported along with test results. Two copies of test data shall be submitted to the EPCHC within 45 days of testing.

6. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of this permit (F.A.C. Rule 17-4.090).

7. An application for an operation permit must be submitted to the Department's Southwest District office or the EPCHC office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this 31<sup>st</sup> day  
of May, 1990

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
STEVE SMALLWOOD, P.E.  
Director  
Division of Air Resources  
Management



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Steve Smallwood  
FROM: *for* Clair Fancy *JKP*  
DATE: May 25, 1990  
SUBJ: Approval of Construction Permit No. AC 29-176010  
Gold Bond Building Products

Attached for your approval and signature is a permit prepared by the Bureau of Air Regulation for the above mentioned company to increase the operating rate of the land plaster bin screw conveyor system located at their facility in Tampa, Hillsborough County, Florida.

No comments were received during the public notice period.

Day 90, after which this permit will be issued by default, is June 11, 1990.

I recommend your approval and signature.

CHF/JR/plm

Attachments

Check Sheet

Company Name: GOLD BOND BUILDING PRODUCTS  
Permit Number: AC 29-176010  
PSD Number: \_\_\_\_\_  
Permit Engineer: \_\_\_\_\_

**Application:**

- Initial Application
  - Incompleteness Letters
  - Responses
  - Waiver of Department Action
  - Department Response
  - Other

**Cross References:**

- 
- 
- 

**Intent:**

- Intent to Issue
- Notice of Intent to Issue
- Technical Evaluation
- BACT Determination
- Unsigned Permit

Correspondence with:

- EPA
- Park Services
- Other

- Proof of Publication

- Petitions - (Related to extensions, hearings, etc.)
- Waiver of Department Action
- Other

**Final Determination:**

- Final Determination
- Signed Permit
- BACT Determination
- Other

**Post Permit Correspondence:**

- Extensions/Amendments/Modifications
- Other



May 8, 1990

C. H. Fancy, P.E.  
Florida D.E.R.  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Re: Certification of Publication

Dear Sir:

Attached is the Certification of Publication, as required, for the increase in rate of product for permit application AC29-176010.

Sincerely,

*Byron B. Bowers*  
Byron B. Bowers  
Plant Engineer

cc: Shannon Barruch  
Hillsborough County EPA  
Doug Collins  
Charlotte Engineering  
File

*J. Reynolds.*  
*B. Thomas, SW Dist.*

RECEIVED  
MAY 14 1990  
DER-BAQM

**THE TAMPA TRIBUNE**

Published Daily

Tampa, Hillsborough County, Florida

State of Florida }  
County of Hillsborough } ss.

Before the undersigned authority personally appeared James L. Gonnering, who on oath says that he is Assistant Comptroller of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a.....

LEGAL NOTICE

in the matter of .....

GOLD BOND BUILDING PRODUCTS.....

was published in said newspaper in the issues of .....

May 2, 1990

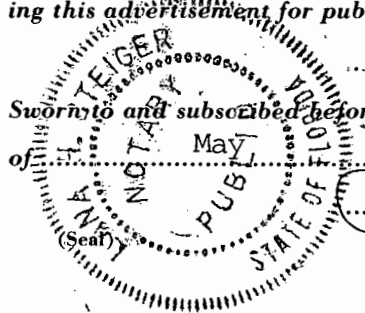
Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa, in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement, and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me, this 7 day of May, 1990

*James L. Gonnering*

*Lana St. Steinger*

Notary Public, State of Florida  
My Commission Expires Nov. 18, 1991  
Bonded Thru Troy Fain - Insurance, Inc.



State of Florida  
Department of  
Environmental Regulation  
Notice of Intent  
to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Gold Bond Building Products, 6110 Commerce Street, Tampa, Florida 33616, to increase the operating rate of the land plaster bin screw conveyor system located at their gypsum board manufacturing facility. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this intent to issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief

sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:  
Department of Environmental Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Department of Environmental Regulation  
Southwest District  
4520 Oak Fair Blvd.  
Tampa, Florida 33610-7347  
Environmental Protection Commission of Hillsborough County  
1900 - 9th Avenue  
Tampa, Florida 33605

Any person may send written comments to Mr. C. H. Fancy at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

P 938 762 875

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to <b>R. G. Moore</b>	
Street and No. <b>6110 Commerce St</b>	
City and State and ZIP Code <b>Tampa, FL 33616</b>	
Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	S
Postmark or Date <b>4-13-90</b>	

PS Form 3800, June 1985

P 052 482 248

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to <b>Mr. R. G. Moore, Gold Bond</b>	
Street and No. <b>P. O. Box 19307 Bldg. Product</b>	
P.O., State and ZIP Code <b>Tampa, FL 33616</b>	
Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	S
Postmark or Date Mailed: 4-13-90 Remailed: 4-23-90 Permit: AC 29-176010	

PS Form 3800, June 1985

**SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.**  
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)  
2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. R. G. Moore Plant Manager Gold Bond Building Products P. O. Box 19307 Tampa, FL 33616	<b>4. Article Number</b> P 052 482 248 <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
<b>5. Signature - Address</b> X	<b>8. Addressee's Address (ONLY if requested and fee paid)</b>
<b>6. Signature - Agent</b> X <i>Terry D. Blalock</i>	
<b>7. Date of Delivery</b> <b>APR 26 1990</b>	

PS Form 3811, Mar. 1988

\* U.S.G.P.O. 1988-212-865

DOMESTIC RETURN RECEIPT





# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

April 12, 1990

✓ CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. R. G. Moore  
Tampa Plant Manager  
Gold Bond Building Products  
6110 Commerce Street  
Tampa, Florida 33616

Dear Mr. Moore:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit to increase the operating rate of the land plaster bin screw conveyor system at your Tampa Facility.

Please submit any written comments you wish to have considered concerning the Department's proposed action to me.

Sincerely,

C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/JR/plm

Attachments

c: W. Thomas, SW District  
J. Campbell, EPCHC  
W. Sarrells, Gold Bond

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of  
Application for Permit by:

Gold Bond Building Products  
P. O. Box 19307  
Tampa, Florida 33616

DER File No. AC 29-176010

---

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Gold Bond Building Products, applied on January 29, 1990, to the Department of Environmental Regulation for a permit to increase the operating rate of the land plaster bin screw conveyor system located at their existing facility in Tampa, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit is required for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department, at the address specified within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

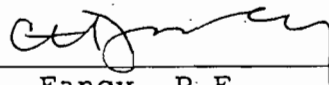
- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application(s) have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such

person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



---

C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

Copies furnished to:

W. Thomas, SW District  
J. Campbell, EPCHC  
W. Sarrells, Gold Bond

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Gold Bond Building Products, 6110 Commerce Street, Tampa, Florida 33616, to increase the operating rate of the land plaster bin screw conveyor system located at their gypsum board manufacturing facility. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the

Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Department of Environmental Regulation  
Southwest District  
4520 Oak Fair Blvd.  
Tampa, Florida 33610-7347

Environmental Protection Commission  
of Hillsborough County  
1900 - 9th Avenue  
Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. C. H. Fancy at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation  
and  
Preliminary Determination

Gold Bond Building Products  
Tampa, Hillsborough County, Florida

Increase Operating Rate of  
Land Plaster Bin Screw Conveyor System  
Permit No. AC 29-176010

Department of Environmental Regulation  
Division of Air Resources Management  
Bureau of Air Regulation

April 12, 1990

I. Application

A. Address

Gold Bond Building Products  
P. O. Box 19307  
Tampa, Florida 33616

B. Request

The Department received a complete application on January 29, 1990, to increase the land plaster bin screw conveyor process rate from 32 to 80 tons/hr at the applicant's facility in Tampa, Florida.

C. Location/Classification

The applicant's gypsum board manufacturing facility (SIC Code 3275) is located at 6110 Commerce Street in Tampa. Latitude and longitude are 27°52'00"N and 82°33'00"W, respectively. UTM coordinates are 17-347.3 km E and 3,082.7 km N.

II. Project Description/Emissions

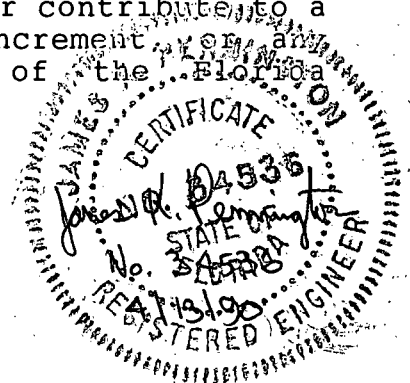
The applicant proposes to increase the process rate of the land plaster bin screw conveyor system from 32 to 80 tons/hr. Emissions of particulate matter from the existing bag collector will remain insignificant at 0.65 lb/hr and 2.84 tons/yr. Material removed by the bag collector will be returned to the land plaster bins by way of the overflow screw conveyor.

III. Rule Applicability

The construction permit application is subject to review under Chapter 403, Florida Statutes and Florida Administrative code (F.A.C.) Chapters 17-2 and 17-4. The facility is located in an area classified as nonattainment for particulate matter. The applicable emission limit rule is F.A.C. Rule 17-2.650(2)(c)11 which specifies an emission limit of 0.03 gr/dscf. However, rather than applying this limit and requiring a Method 5 compliance test, an alternate standard of 5 percent opacity will be specified in the permit in accordance with F.A.C. Rule 17-2.700(3)(d).

IV. Conclusion

Based on the information provided by Gold Bond Building Products, the Department has reasonable assurance that the proposed increase in process rate of the land plaster bin screw conveyor system, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.







# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

Gold Bond Building Products  
P. O. Box 19307  
Tampa, Florida 33616

Permit Number: AC 29-176010

Expiration Date: December 31, 1990

County: Hillsborough

Latitude/Longitude: 27°52'00"N  
82°33'00"W

Project: Increase in Operating Rate  
of Land Plaster Bin Screw Conveyor  
System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For an increase in the operating rate of the land plaster bin screw conveyor system located at the permittee's Tampa facility in Hillsborough County, Florida. The UTM coordinates are Zone 17, 347.3 km E and 3082.7 km N.

The increase in operating rate shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application to Construct Air Pollution Sources, DER form 17-1.202(1) received January 29, 1990.

PERMITTEE:

Gold Bond Building Products

Permit Number: AC 29-176010

Expiration Date: December 31, 1990

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Gold Bond Building Products

Permit Number: AC 29-176010  
Expiration Date: December 31, 1990

**GENERAL CONDITIONS:**

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

PERMITTEE:

Gold Bond Building Products

Permit Number: AC 29-176010

Expiration Date: December 31, 1990

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and

PERMITTEE:  
Gold Bond Building Products

Permit Number: AC 29-176010  
Expiration Date: December 31, 1990

**GENERAL CONDITIONS:**

records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. Maximum process rate for the land plaster bin screw conveyor system shall be 80 tons per hour.

2. The land plaster bin screw conveyor system may operate 8,736 hours per year.

3. Visible emissions from the land plaster dust collector shall not exceed 5% opacity.

4. Fugitive emissions associated with the land plaster conveying system shall be controlled or prevented.

5. Before this permit expires, the land plaster dust collector shall be tested for visible emissions. Test procedures shall be in accordance with DER Method 9. The Department's Southwest District office and the Environmental Protection Commission of Hillsborough County (EPCHC) shall be notified in writing 15 days

PERMITTEE: Gold Bond Building Products Permit Number: AC 29-176010  
Expiration Date: December 31, 1990

**SPECIFIC CONDITIONS:**

or more prior to the compliance test. The test shall be conducted at maximum permitted process rate or no less than 90% thereof. Actual process rate during the test shall be reported along with test results. Two copies of test data shall be submitted to the EPCHC within 45 days of testing.

6. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

7. An application for an operation permit must be submitted to the Department's Southwest District office and the EPCHC office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this \_\_\_\_\_ day  
of \_\_\_\_\_, 1990

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

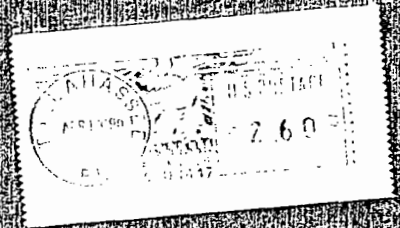
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STEVE SMALLWOOD, P.E.  
Director  
Division of Air Resources  
Management



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
2600 BLAIR STONE ROAD  
TWIN TOWERS OFFICE BUILDING  
TALLAHASSEE, FLORIDA 32399-2400

000707



RETURNED TO  
SENDER  
UNDELIVERABLE AS ADDRESSED

Mr. R. G. Moore  
Tampa Plant Manager  
Gold Bond Building Products  
6110 Commerce St.  
Tampa, FL 33616

200

*Re-mailed  
4-23-90*

Fold at line over top of envelope to the right  
of the return address.

**CERTIFIED**

P 938 762 875

**MAIL**

Protecting Florida and Your Quality of Life

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)  
 2.  Restricted Delivery (Extra charge)

Is your RETURN ADDRESS completed on the reverse side?

3. Article Addressed to:  
 Mr. R.G. Moore  
 Tampa Plant Mgr.  
 Gold Bond Bldg. Products  
 6110 Commerce St.  
 Tampa, FL 33616

4. Article Number  
 P938 762 875

- Type of Service:
- |   |   |
|---|---|
| <input type="checkbox"/> Registered           | <input type="checkbox"/> Insured                        |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD                            |
| <input type="checkbox"/> Express Mail         | <input type="checkbox"/> Return Receipt for Merchandise |

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address  
 X

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature - Agent  
 X

7. Date of Delivery

Thank You for using Return Receipt Service.





January 29, 1990

Hillsborough County  
Environmental Protection Commission  
1410 N. 21st Street  
Tampa, Florida 33605

Attn: Carlos Gonzales

Dear Mr. Gonzales:

Attached is the Construction Permit and the applicable fees for an increase in tonnage for Permit #A029-66239.

If you have any questions, please contact Byron Bowers at (813) 839-2111.

Sincerely,

*Byron B. Bowers*  
Byron B. Bowers

BBB/db

Attachments

cc: *J. Reynolds*  
*B. Shornar, SW Dist.*  
*E. Sull, EPCAC*

RECEIVED  
JAN 29 1990

RECEIVED  
E.P.C. OF H.C.  
AIR PROGRAM

FEB 5 1990

DER-BAQM

D. E. R.

JAN 29 1990

SOUTHWEST DISTRICT  
TAMPA

1031

RECEIVED  
DER-MAIL ROOM  
1990 FEB - 6 AM 11: 03

DEPARTMENT OF ENVIRONMENTAL REGULATION

D.E.R.

RECEIVED

SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH  
TAMPA, FLORIDA 33610

JAN 29 1990

SOUTHWEST DISTRICT  
TAMPA



AC 29-17610-29

1990 VICTORIA J. TSCHINKEL  
SECRETARY

WILLIAM K. HENNESSEY  
DISTRICT MANAGER

E.P.C. OF M.C.  
AIR PROGRAM

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Air Pollution [ ] New<sup>1</sup> [X] Existing<sup>1</sup>

APPLICATION TYPE: [ ] Construction [ ] Operation [X] Modification

COMPANY NAME: National Gypsum Co., Gold Bond Bldg. Prods. COUNTY: Hillsborough

Identify the specific emission point source(s) addressed in this application (i.e. Lime  
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Land Plaster Bin and  
Screw Conveyor

SOURCE LOCATION: Street 6110 Commerce St. City Port Tampa

UTM: East 17-347.3 North 3.082.7

Latitude 27 ° 52 ' \_\_\_ "N Longitude 02 ° 33 ' \_\_\_ "W

APPLICANT NAME AND TITLE: R. G. Moore, Plant Manager

APPLICANT ADDRESS: 6110 Commerce St., P. O. Box 19307, Tampa, FL 33616

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative\* of Gold Bond Building Products  
Div. of National Gypsum Co.

I certify that the statements made in this application for a Modification  
permit are true, correct and complete to the best of my knowledge and belief. Further,  
I agree to maintain and operate the pollution control source and pollution control  
facilities in such a manner as to comply with the provision of Chapter 403, Florida  
Statutes, and all the rules and regulations of the department and revisions thereof. I  
also understand that a permit, if granted by the department, will be non-transferable  
and I will promptly notify the department upon sale or legal transfer of the permitted  
establishment.

\*Attach letter of authorization

Signed: R G Moore

R. G. Moore, Plant Manager

Name and Title (Please Type)

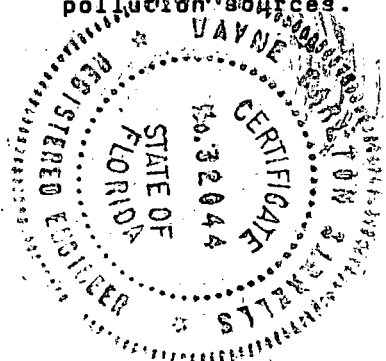
Date: 1-26-90 Telephone No. (813) 839-2111

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have  
been designed/examined by me and found to be in conformity with modern engineering  
principles applicable to the treatment and disposal of pollutants characterized in the  
permit application. There is reasonable assurance, in my professional judgment, that

<sup>1</sup> See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.



Signed Wayne C. Barrells

Wayne C. Barrells

Name (Please Type)

Gold Bond Building Products  
Division of National Gypsum Co.

Company Name (Please Type)

2001 Rexford Rd., Charlotte, N. C. 28211

Mailing Address (Please Type)

Florida Registration No. 32044 Date: \_\_\_\_\_ Telephone No. (704) 365-7300

**SECTION II: GENERAL PROJECT INFORMATION**

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

To increase process rate from 32 T/Hr. to 80 T/Hr.

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction Existing Completion of Construction Existing

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

Est. \$50,000

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

A029-66239

E. Requested permitted equipment operating time: hrs/day 24; days/wk 7; wks/yr 52; if power plant, hrs/yr \_\_\_\_\_; if seasonal, describe: \_\_\_\_\_

F. If this is a new source or major modification, answer the following questions. (Yes or No)

- 1. Is this source in a non-attainment area for a particular pollutant? Yes
  - a. If yes, has "offset" been applied? No
  - b. If yes, has "Lowest Achievable Emission Rate" been applied? No
  - c. If yes, list non-attainment pollutants. Particulates
- 2. Does best available control technology (BACT) apply to this source? No.  
If yes, see Section VI.
- 3. Does the State "Prevention of Significant Deterioration" (PSD) requirement apply to this source? If yes, see Sections VI and VII. No
- 4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? No
- 5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? No

- H. Do "Reasonably Available Control Technology" (RACT) requirements apply to this source? Yes
  - a. If yes, for what pollutants? Particulates
  - b. If yes, in addition to the information required in this form, any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

**SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)**

**A. Raw Materials and Chemicals Used in your Process, if applicable:**

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Gypsum	Part.	100	80 T/Hr.	

**B. Process Rate, if applicable: (See Section V, Item 1)**

- 1. Total Process Input Rate (lbs/hr): 80 T/Hr.
- 2. Product Weight (lbs/hr): 80 T/Hr.

**C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)**

Name of Contaminant	Emission <sup>1</sup>		Allowed <sup>2</sup> Emission Rate per Rule 17-2	Allowable <sup>3</sup> Emission lbs/hr	Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
Gypsum	.651	2.84	N/A	N/A	65.1	284	

<sup>1</sup>See Section V, Item 2.

<sup>2</sup>Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3).

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Jet Pulse		99% +	Unknown	
Baghouse				
#84-WRB-80-III				

E. Fuels None

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	

\*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis: None

Percent Sulfur: \_\_\_\_\_ Percent Ash: \_\_\_\_\_

Density: \_\_\_\_\_ lbs/gal Typical Percent Nitrogen: \_\_\_\_\_

Heat Capacity: \_\_\_\_\_ BTU/lb \_\_\_\_\_ BTU/gal

Other Fuel Contaminants (which may cause air pollution): \_\_\_\_\_

F. If applicable, indicate the percent of fuel used for space heating. None

Annual Average \_\_\_\_\_ Maximum \_\_\_\_\_

G. Indicate liquid or solid wastes generated and method of disposal.

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H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: 63'-0" ft. Stack Diameter: 14" diameter ~~XXX~~  
 Gas Flow Rate: 3800 ACFM 3800 DSCFM Gas Exit Temperature: 70 °F.  
 Water Vapor Content: < 2% % Velocity: 60 FPS

SECTION IV: INCINERATOR INFORMATION

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste \_\_\_\_\_

Total Weight Incinerated (lbs/hr) \_\_\_\_\_ Design Capacity (lbs/hr) \_\_\_\_\_

Approximate Number of Hours of Operation per day \_\_\_\_\_ day/wk \_\_\_\_\_ wka/yr. \_\_\_\_\_

Manufacturer \_\_\_\_\_

Date Constructed \_\_\_\_\_ Model No. \_\_\_\_\_

	Volume (ft) <sup>3</sup>	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: \_\_\_\_\_ ft. Stack Diameter: \_\_\_\_\_ Stack Temp. \_\_\_\_\_

Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM\* Velocity: \_\_\_\_\_ FPS

\*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device:  Cyclone  Wet Scrubber  Afterburner  
 Other (specify) \_\_\_\_\_

Brief description of operating characteristics of control devices: N/A

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

N/A

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

**SECTION V: SUPPLEMENTAL REQUIREMENTS**

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.



9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

**SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY**

- A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes  No

Contaminant	Rate or Concentration
Gypsum	.02 GRS/SDCF

- B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes  No N/A

Contaminant	Rate or Concentration

- C. What emission levels do you propose as best available control technology?

Contaminant	N/A	Rate or Concentration

- D. Describe the existing control and treatment technology (if any).

- |                           |                          |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:*           | 4. Capital Costs:        |

\*Explain method of determining

N/A

5. Useful Life:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

10. Stack Parameters N/A

- a. Height: ft.
- b. Diameter: ft.
- c. Flow Rate: ACFM
- d. Temperature: °F.
- e. Velocity: FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

N/A

1.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

<sup>1</sup>Explain method of determining efficiency.

<sup>2</sup>Energy to be reported in units of electrical power - KWH design rate.

- j. Applicability to manufacturing processes: N/A
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

- 3.
  - a. Control Device:
  - b. Operating Principles:
  - c. Efficiency:<sup>1</sup>
  - d. Capital Cost:
  - e. Useful Life:
  - f. Operating Cost:
  - g. Energy:<sup>2</sup>
  - h. Maintenance Cost:
  - i. Availability of construction materials and process chemicals:
  - j. Applicability to manufacturing processes:
  - k. Ability to construct with control device, install in available space, and operate within proposed levels: N/A

- 4.
  - a. Control Device:
  - b. Operating Principles:
  - c. Efficiency:<sup>1</sup>
  - d. Capital Costs:
  - e. Useful Life:
  - f. Operating Cost:
  - g. Energy:<sup>2</sup>
  - h. Maintenance Cost:
  - i. Availability of construction materials and process chemicals:
  - j. Applicability to manufacturing processes:
  - k. Ability to construct with control device, install in available space, and operate within proposed levels:

- F. Describe the control technology selected: N/A
  - 1. Control Device:
  - 2. Efficiency:<sup>1</sup>
  - 3. Capital Cost:
  - 4. Useful Life:
  - 5. Operating Cost:
  - 6. Energy:<sup>2</sup>
  - 7. Maintenance Cost:
  - 8. Manufacturer:
  - 9. Other locations where employed on similar processes:
    - a. (1) Company:
    - (2) Mailing Address:
    - (3) City:
    - (4) State:

<sup>1</sup> Explain method of determining efficiency.  
<sup>2</sup> Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager: N/A

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant	Rate or Concentration

(8) Process Rate:<sup>1</sup> N/A

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant	Rate or Concentration

(8) Process Rate:<sup>1</sup>

10. Reason for selection and description of systems: N/A

<sup>1</sup>Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

**SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION**

**A. Company Monitored Data**

1. \_\_\_\_\_ no. sites \_\_\_\_\_ TSP \_\_\_\_\_ ( ) SO<sub>2</sub>\* \_\_\_\_\_ Wind spd/dir

Period of Monitoring \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month day year month day year

Other data recorded \_\_\_\_\_

Attach all data or statistical summaries to this application.

\*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory N/A

a. Was instrumentation EPA referenced or its equivalent? [ ] Yes [ ] No

b. Was instrumentation calibrated in accordance with Department procedures?

[ ] Yes [ ] No [ ] Unknown

B. Meteorological Data Used for Air Quality Modeling

1. Year(s) of data from \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
month day year month day year

2. Surface data obtained from (location) \_\_\_\_\_

3. Upper air (mixing height) data obtained from (location) \_\_\_\_\_

4. Stability wind rose (STAR) data obtained from (location) \_\_\_\_\_

C. Computer Models Used N/A

1. \_\_\_\_\_ Modified? If yes, attach description.

2. \_\_\_\_\_ Modified? If yes, attach description.

3. \_\_\_\_\_ Modified? If yes, attach description.

4. \_\_\_\_\_ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data N/A

Pollutant	Emission Rate
TSP	_____ grams/sec
SO <sup>2</sup>	_____ grams/sec

E. Emission Data Used in Modeling N/A

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

SECTION V

1. Process Rate:

80 Tons/Hr. Landplaster thruput

2. Controlled Emissions Estimate:

$.02 \text{ GRS/SDCF} \times 3800 \text{ SDCFM} \times 60 \div 7000 = .651 \text{ Lbs./Hr.}$   
 $.651 \text{ Lbs./Hr.} \times 8736 \text{ Hrs./Yr.} \div 2000 = 2.84 \text{ Tons/Yr.}$

3. Potential Emissions (Without Control):

Estimated 99% efficiency of baghouse =  
 $\frac{.651 \text{ Lbs./Hr.}}{.01} \times = \frac{65.1 \text{ Lbs./Hr.}}{1.0}$

$65.1 \text{ Lbs./Hr.} \times 8736 \text{ Hrs./Yr.} \div 2000 = 284 \text{ Tons/Yr.}$

4. Baghouse Design Details:

F-K #84-WRB-80-III  
800 Sq. Ft. Fabric  
3800 ACFM at 70 deg. F  
A/C Ratio = 4.75:1  
Bags: 16 oz. Polyester Felt

5. Manufacturer's data

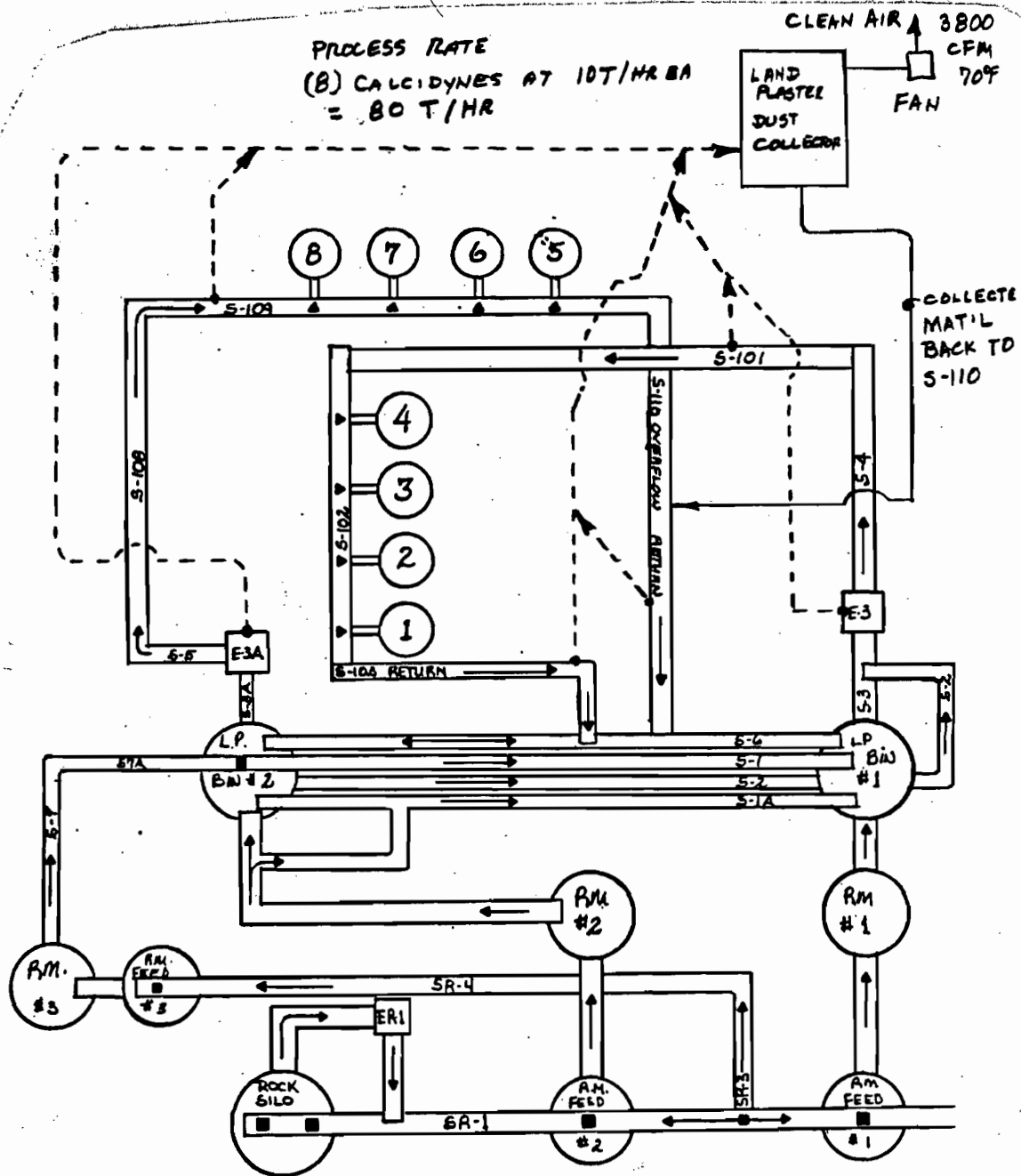
6. See attached flow chart

7. See attached topographical map

8. See attached plot plan

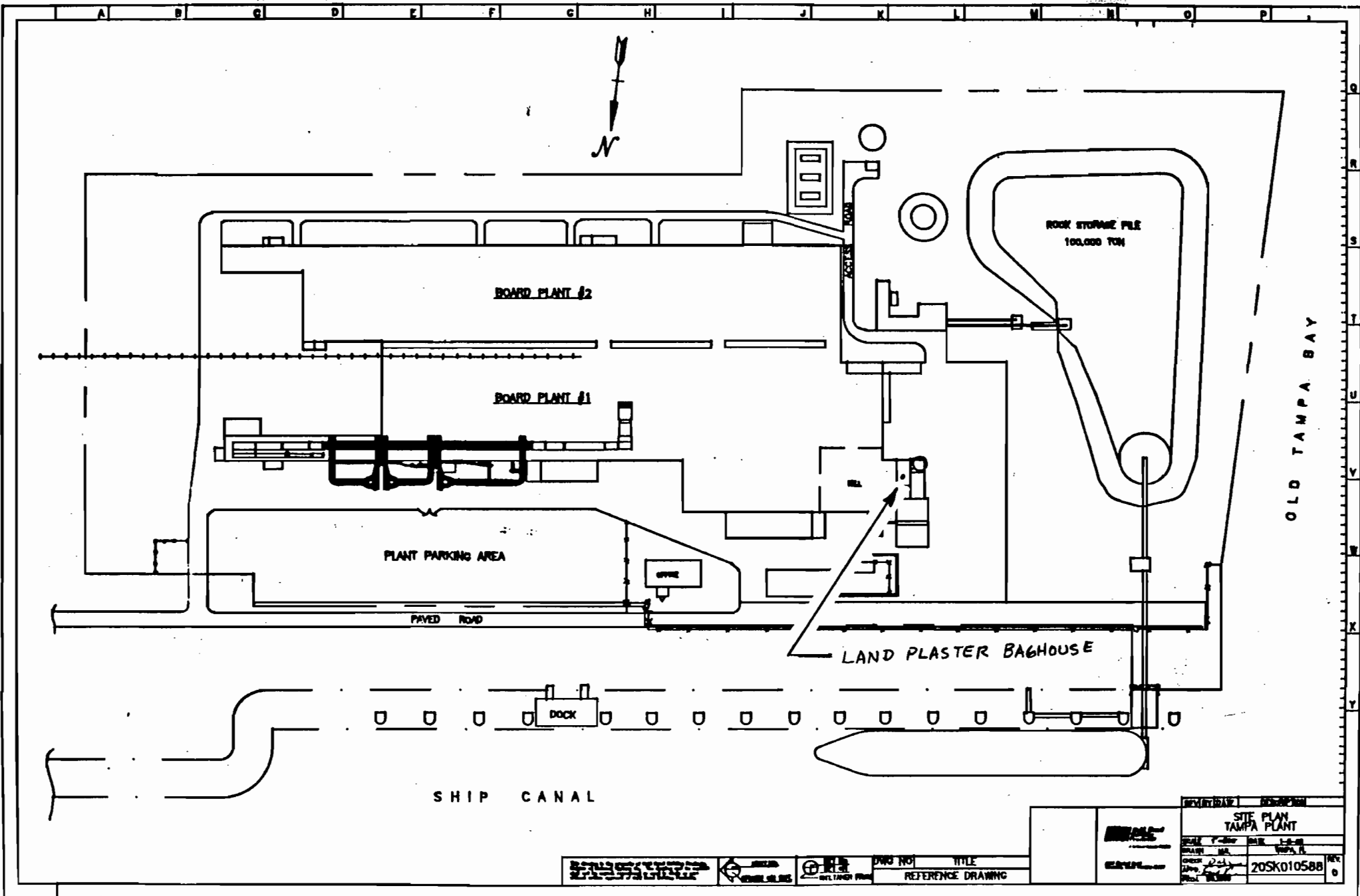
9. Attached application fee checks:

\$355.00 to Hillsborough County EPC  
\$750 to FLA DER



REV	BY	DATE	DESCRIPTION
<b>FLOW CHART LANDPLASTER DUST CONTROL</b>			
SCALE		DATE 1/12/90	
DRAWN DBC		TAMPA	
CHECK		SK-011290	
APPD.			
PROJ.			
			REV. 0

**Gold Bond Building Products**  
A National Gypsum Division  
2001 Rexford Road  
Charlotte, North Carolina 28211



BRIDGE ENGINEERING  
INCORPORATED

SCALE  
AS SHOWN

DATE  
MAY 1968

DWG NO. TITLE  
REFERENCE DRAWING

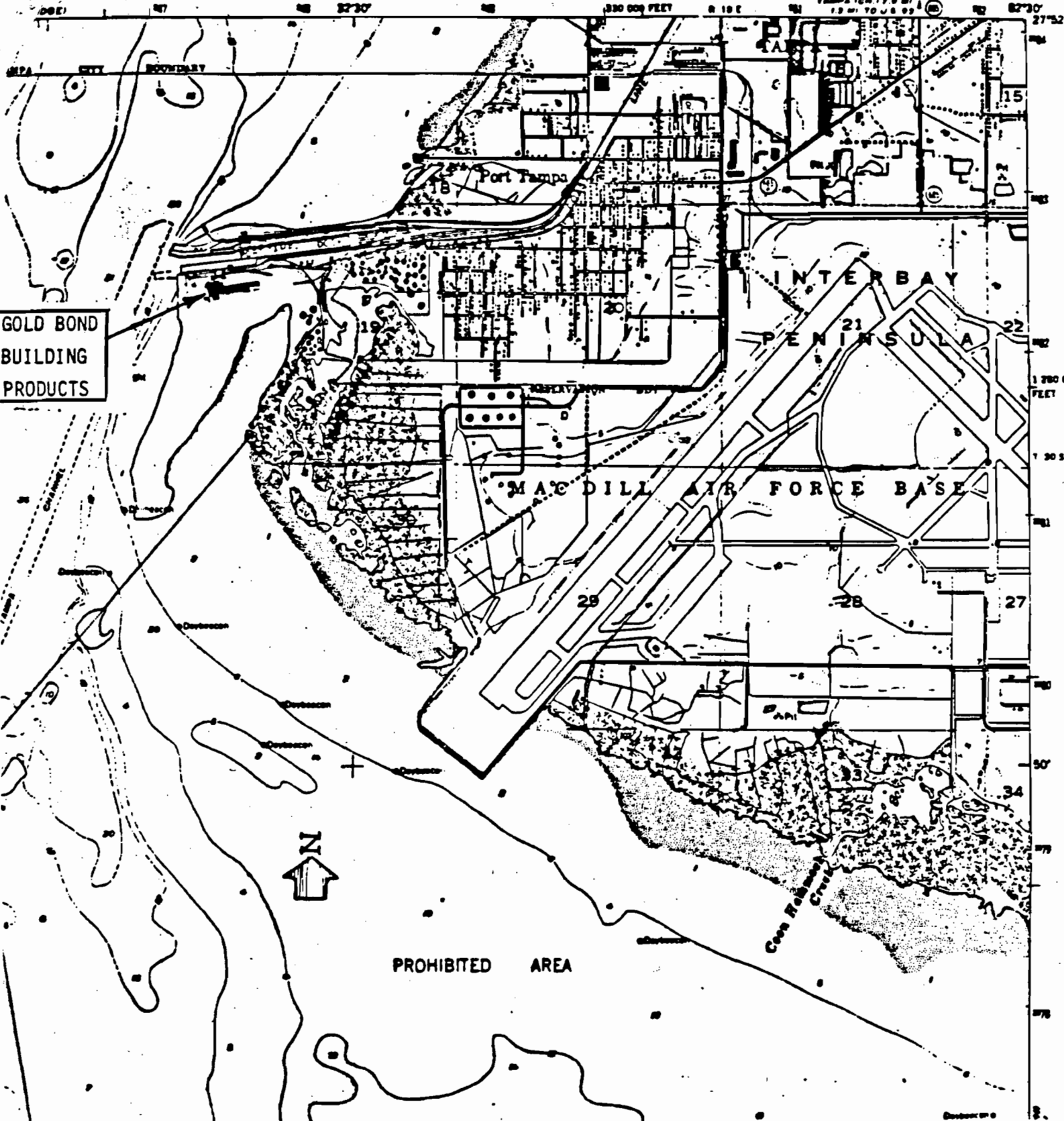
BRIDGE ENGINEERING  
INCORPORATED

REV.	DATE	DESCRIPTION
0		ISSUED FOR CONSTRUCTION

**SITE PLAN  
TAMPA PLANT**

SCALE	DATE	DATE	DATE
AS SHOWN	MAY 1968		
DRAWN BY	CHKD BY	APP'D BY	REV.
			0
PROJECT NO.			
20SK010588			





GOLD BOND  
BUILDING  
PRODUCTS



PROHIBITED AREA

**Gold Bond Building Products**  
A National Company  
2001 Redwood Road  
Charlotte, North Carolina 28209

REV	BY	DATE	DESCRIPTION
			TAMPA PLANT TOPOGRAPHICAL LOCATION
		SCALE None	DATE
		DRAWN ASL	Tampa, FL
		CHECK DBC	
		APPD. <i>ERisk</i>	205K-010488
			REV. 0