

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0101371

Insp Area: 4

Thos Bros:

Sub-Type: ACOM

Housing (Y/N): N

Site Address: 4600 BELOIT DR SAC

Parcel No: 238-0220-024

CONTRACTOR

MARK III ENGINEERING
5101 FLORIN PERKINS RD.
SACRAMENTO CA 95826

OWNER

I 80 BUILDING ASSOCIATES
1455 RESPONSE RD #290
SACRAMENTO CA 95815

ARCHITECT

Nature of Work: 22,634 SQ FT ADD'N TO EXIST IND/MFR FACILITY.(20874SF WAREHOUSE;634SF OFFICE;1126SF INDUSTRIAL.SHOP)

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____

Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B

License Number 574134

Date 9/21/01

Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to complete project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____ B & PC for this reason: _____

Date _____

Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city representative of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 9/21/01

Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE FUND

Policy Number 692-00 UNIT 0002087

Exp Date 10/01/2001

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 9/21/01

Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO
DEVELOPMENT SERVICES DIVISION
PERMIT SERVICES SECTION

1231 I Street, Rm. 200
 Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

ACTIVITY #

0100371

Insp. Area

4C

Applicant **MUST** complete ALL Unshaded areas

ADDRESS 4600 BELOIT DRIVE

Suite NA

PARCEL # 238-0220-024

<p style="text-align: center;">CONTACT</p> <p>Name <u>Jon Delling - MARK III ENR</u></p> <p>Street Address <u>5101 FLORIN PERKINS RD.</u></p> <p>City/State/Zip <u>SAC. CA - 95824</u></p> <p>Phone <u>381-8080</u> / FAX <u>386-0363</u></p> <p>E-mail: <u>jdelling@m3ec.com</u></p>	<p style="text-align: center;">LICENSED CONTRACTOR Lic No. # <u>574134</u></p> <p>Name <u>MARK III ENR</u></p> <p>Address <u>5101 FLORIN PERKINS RD.</u></p> <p>City/State/Zip <u>SAC. CA - 95824</u></p> <p>Phone <u>381-8080</u> / FAX <u>386-0363</u></p> <p>E-mail: <u>jdelling@m3ec.com</u></p>
<p style="text-align: center;">ARCHITECT/ENGINEER</p> <p>Name <u>MARK III ENR</u></p> <p>Address <u>5101 FLORIN PERKINS RD.</u></p> <p>City/State/Zip <u>SAC. CA - 95824</u></p> <p>Phone <u>381-8080</u> / FAX <u>386-0363</u></p> <p>E-mail:</p>	<p style="text-align: center;">OWNER</p> <p>Name <u>PLASTIC PACKAGE INC.</u></p> <p>Address <u>4600 BELOIT DRIVE</u></p> <p>City/State/Zip <u>SAC. CA - 95838</u></p> <p>Phone <u>921-3399</u> / FAX <u>921-5001</u></p> <p>E-mail:</p>

→ Will permittee have any employees on the jobsite? No Yes → INSURANCE CO: STATE COMP. INS. FUND.

→ WORKER'S COMPENSATION POLICY # 692-99, UMT 2087 EXPIRATION DATE: 10-01-01

NATURE OF WORK IN DETAIL: 22,700 SF ADDITION TO AN EXISTING INDUSTRIAL MANUFACTURING CO., TYPE II N, SPRINKLERED

X11, X12, 201

OCCUPANT/TENANT: PLASTIC PACKAGE INC.

VALUATION: \$ ~~875,000~~

FLOOD STATUS:		S.C.A.T. <u>100, 202, X1.11, X1.14, X1.16, X1.17, X1.20, X1.27, 701,</u>								
JOB DESCRIPTION		BLDG	SHELL	APT	TI()	REM()	SW	FIRE	ADD	OTH
INSPECTION DISCIPLINES		BLDG	MECH	PLUMB	ELEC	SITE	FIRE			
# Stories	1st flr Area.	Total Area	Use Zone	Occp Group / Const type	Fire Req. Y/N		Fed Code	Viol. File		
		<u>22700</u>		<u>F-1+ II N</u>	<u>SPR ALARM</u>		<u>18</u>	<u>[H] [Quad]</u>		
<u>B</u>	<u>L</u>	<u>P</u>	<u>M</u>	<u>E</u>	<u>F</u>	<u>S</u>	<u>D</u>	<u>PW</u>	<u>UTIL</u>	

COMMENTS: see plan Title page for all deferred items

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? Provided Faxed DIFFERENT

Date of Request: _____
By: _____

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 4600 Beloit Dr

Assessor's Parcel Number: 238-0220-024
238-0220-013

Previous Use: _____

Description of Request/Proposed Use: Addition to existing
~~warehouse~~ manufacturing company

Is This a Change of Use? No

Prior Applications for Project Site(P#, Z#, DRPB#): _____
Zoning Designation: MIS-R
P00-168, P91-154

Comments: Do not issue until P00-168 is
Approved & check for conditions.

Are There Any Planning Issues?: (circle one) YES NO

* Staff Site Plan Check Required? (Circle one) YES NO

* ~~Field Inspection Required?~~ (Circle one) ~~YES~~ NO

* Design Review/Preservation Required?: (Circle one) YES NO

Planning Review by/Date: Ronda Hay 1-30-01

A list of items that must be reviewed by Planning is provided on the reverse side of this form.

MICROFILM AFTER FINAL

COUNTY SANITATION DISTRICT NO. 1
SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT

45201

SEWER IMPACT FEE
PERMIT AND CALCULATION SHEET

APPLICATION NO:		BLDG PERMIT NO. SND 2001-00406	
GENERAL INFORMATION SENT D.T. FROM W.Q. 5/4/01 ON CITY OF SAC.		THIS PERMIT GOOD ONLY WHEN VALIDATED BY THE CASHIER 270920 5/7/01	
FEE CALCULATION		BUILDING USE	
INSPECTION		RESIDENTIAL SF <input type="checkbox"/> MF <input type="checkbox"/>	
CSD-1	# 5,457	COMMERCIAL USE	UNITS
SRCSO		22,081 #	
CONSTRUCTION		WAREHOUSE	
IN-LIEU			
TOTAL FEE	# 5,457		
APN: 238-0220-por. 024			
DESCRIPTION/ SUBDIVISION		LOT:	
PROPERTY ADDRESS 4600 BELOIT DR.			
OWNER PLASTIC PACKAGE, INC.			
MAILING ADDRESS			
CITY-STATE-ZIP		PHONE	
ADDITIONAL FEES MAY BE DUE IF CHANGES IN USE INCREASE SEWER IMPACT.			
APPLICANT SIGNATURE			
CONSOLIDATED UTILITY BILLING USE ONLY			
ACCT _____ INPUT _____ START _____			

**ACTIVITY NO.
0101371
4600 BELOIT
ADDITION**

OFFICE COPY

~~SITE DEV. \$ 63,000~~

Cont. mark III

(Print or Type) If Printing, press hard for four copies

OWNER'S NAME PLASTIC PACKAGE INC.
 OWNER'S ADDRESS 4600 BELOIT DRIVE
 PROJECT ADDRESS 4600 BELOIT DRIVE
 PARCEL NUMBER 238 0920.024 LOT NO. —
 SUBDIVISION NAME —
 NUMBER OF UNITS —

Upon payment of the fees listed below, a 90-day approval period commences upon which the applicant paying the fees may protest such fees. Any failure to file such protest within the 90-day period shall result in forfeiture of any rights to challenge such fees, through litigation or otherwise.

APPLICANT'S SIGNATURE [Signature]
 TITLE OF APPLICANT ARCHITECT
 DATE 8/9/01 PHONE NUMBER 391 3083X157

PLAN IDENTIFICATION NUMBER 0101371
 BUILDING TYPE
 RESIDENTIAL () APARTMENT/CONDOMINIUM () COMMERCIAL/INDUSTRIAL ()
 SQUARE FEET OF CHARGEABLE BUILDING AREA 22,081 sq ft
 SIGNATURE [Signature]
 TITLE Proj Insp. III DATE 7-30-01

Part III To be completed by SCHOOL DISTRICT

SCHOOL DISTRICT 6 JUMSD
 DISTRICT CERTIFICATION NO. 028-02
 EXEMPT _____ COMMENTS _____

RESIDENTIAL/APT/CONDO	_____	SQ FT X \$	= \$
COMMERCIAL/INDUSTRIAL	<u>22081</u>	SQ FT X \$ <u>0.33</u>	= \$ <u>7296.73</u>
OTHER FEE	_____	TYPE _____	SQ FT X \$ _____ = \$ _____
TOTAL FEES COLLECTED	_____		= \$ <u>7296.73</u>

This Certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.

As the authorized school district official, I hereby certify that the requirements of Government Code Section 65995 and any other authorized requirements have been complied with by the above signed applicant.

SIGNATURE [Signature]
 TITLE office Assist DATE 7-10-01

Original: School District 1st copy: School District 2nd copy: Building Department 3rd copy: Applicant

CITY OF SACRAMENTO
BUILDING INSPECTION DIVISION
APPLICATION FOR BUILDING PERMIT - HAZARDOUS MATERIAL SURVEY

As Required by Assembly Bill #3205 - A Building Permit Cannot be Approved Without This Completed Form

1. Business Name: PLASTIC PACKAGE INC. Phone: 921-3399
 Site Address: 4600 BELOIT, SAC. Suite: _____
(Street) (Zip)
 Business Owner/Representative: _____ Phone: _____
 Nature of Business: PLASTIC PACKAGING PRODUCTS
 Property Owner: JIM KAYE Phone: 921-3399
 Address: 4600 BELOIT Suite: —
SACRAMENTO CA
(City) (State) (Zip)

2. Are you developing an undetermined tenant space? Yes ___ No Is this permit for a shell building? Yes ___ No

Notify lessee of the responsibility to coordinate with the Fire Department regarding the use and handling of hazardous materials.

3. Does/Will your business generate hazardous waste? Yes ___ No

4. Does/Will your business handle, store or transport any solid, liquid, or gaseous chemicals? Yes ___ No

CONSULT THE EPA CHEMICAL LIST LOCATED AT THE BUILDING DIVISION COUNTER FOR HAZARDOUS OR ACUTELY HAZARDOUS MATERIALS TO COMPLETE THE FOLLOWING QUESTIONS.

If you answered "YES" to questions #3 and/or #4 above, continue on to questions 5 - 8.

5. Do you handle, store, or transport 55 gallons, 500 pounds, or 200 cubic feet (at Standard Temperature or Pressure) of a product or formulation containing hazardous materials at any one time? Yes ___ No

6. Do you handle, store or transport any amount of acutely hazardous materials? Yes ___ No

7. Is/Will your business be located within 1,000 feet of a school? Yes ___ No

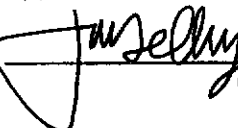
If you answered "yes" to questions #6 and/or #7, complete the RMPP Informational sheet.

8. Is/Will your business be located within 1,000 feet of a hospital, and/or long-term healthcare facility? Yes ___ No

IF YOU ANSWERED "YES" TO QUESTION #3 AND/OR #4, PLEASE CONTACT THE CITY OF SACRAMENTO FIRE DEPARTMENT LOCATED AT 1231 I STREET, SUITE 401, SACRAMENTO, CA OR CALL 449-5416.

Prior to issuance of a certificate of occupancy, each business owner(s) shall contact the City of Sacramento Fire Department and comply with the Health and Safety Code regarding the use and handling of hazardous materials.

PENALTY: Any business that violates Section 25531-25541 of the Health and Safety Code shall be civilly liable to the administering agency in an amount of not more than two thousand dollars (\$2,000) for each day in which the violation occurs. If the violation results in, or significantly contributes to, an emergency, including a fire, the business shall also be assessed the full cost of the city emergency response, as well as the cost of cleaning up and disposing of the hazardous materials. Additional liability and punishment may be assessed for knowing a violation after reasonable notice of the violation.

Applicant's Name: Jim Kelly PLASTIC PACKAGE INC.
(Print)
 9/20/01
(Signature) (Date)

BID Use Only: Plan Ck# _____ Permit # _____	
OK to issue prmt? Y _____	F.D. Appr Req'd? Yes No
init date _____	
Hold on Certificate of Occupancy? Yes No	
Fire Dept. Use Only:	
OK to issue permit? ini' _____	date _____
OK to issue Certificate of Occupancy? ini' _____	date _____



MARK III ENGINEERING CONTRACTORS
 5101 FLORIN PERKINS ROAD
 SACRAMENTO, CA 95826
 (916) 381-8080 LIC #574134

SB JOB NO. AB9035
 SECTION PAGE
 1 fo1

FAN AND OUTLET TEST SHEET

DATE 3/18/02

AREA SERVED Break Room Area UNIT AC #5

MOTOR NAMEPLATE DATA				DATA ITEM	TEST 1	TEST 2	TEST 3
MFG	GE			VOLTS	214	214	214
HP	1/2	V	208	AMPS	3.2	3.2	3.2
PH	1	SF	RPM	BHP			
SHEAVE DATA							
DIA	SHAFT						
ADJ	% FIXED						
FAN NAMEPLATE DATA							
MFG	BDP			RPM			
MODEL	SBO DP V04807AAAA			SP -			
TYPE	1294G10908			SP +			
SIZE	4 TON			ESP			
SHEAVE DATA				FILTER SP			
DIA	SHAFT			CFM TOTAL	1480		
BELTS	DIRECT DRIVE			CFM RA	880		
FAN SUBMITTAL DATA				CFM OA MIN.	600		
FAN SUBMITTAL DATA				CFM			

ROOM	OPENING			FACTOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
1	1	SD	14X14			550	400	300	260		280	
	2	SD	14X14			550	400	300	220		260	
2	3	SD	10X10			120	170	80	80		100	
3	4	SD				360	260	300	300		250	
	5	SD				360	260	370	370		250	
4	6	CD				120	170	170	170		170	
5	7	CD				120	170	170	170		170	
				S/A		2180	1480	1470	1470		1380	
1	1	RD	16"			630	400	300	300		300	
2	2	RD	10"			105	80	700	700		80	
3	3	RD				545	400	450	450		400	
				R/A		1280	880	950	950		780	
				O/S		900	600	470	470		600	

REMARKS: FILTERS - 2EA 16X25X2
 FUSES - 3EA 250V 30AMP
 SET OSA @ 600A

March 6, 2002

Mark III Engineering Contractors
Attention: Jon Delling
5101 Florin-Perkins Road
Sacramento, CA 95826

**SUMMARY REPORT
CONSTRUCTION OBSERVATION AND TESTING SERVICES
BELOIT INDUSTRIAL
BUILDING B - 4600 BELOIT DRIVE
Sacramento, California
Raney Reference No. 168-050.01**

INTRODUCTION

In accordance with your request, we have performed construction observation and testing services for the subject project. The project included construction of an approximate 23,000 square foot one-story concrete tilt-up building addition with a concrete slab-on-grade floor. Our construction testing and observations were performed between September 4, 2001 and January 16, 2002. Our firm prepared a Geotechnical Investigation for the project dated January 31, 2001.¹

EARTHWORK OBSERVATION AND TESTING

Foundation Excavation Observation

Our representative observed all building foundation excavations prior to foundation concrete placement. All foundation excavations engaged suitable bearing materials in accord with the recommendations of our referenced report. Foundations appeared to meet or exceed minimum specified dimensions and were clean at the time of our observation.

Pavement Construction

Following rough grading, the upper 12 inches of the pavement subgrade soils were treated with five pounds per cubic foot of quicklime. The chemically treated soils were brought to a uniform over-optimum moisture content, thoroughly mixed, and compacted. Delivery weigh tags were observed to assure that the proper amounts of lime were added to the soil.

¹ Raney Geotechnical; "Geotechnical Investigation, Beloit Industrial Building, APN 238-0220-013, Beloit Drive, Sacramento, California"; File No. 168-050; January 31, 2001.

Page 2
Beloit Industrial
Building B
Raney Reference No. 168-050.01
March 6, 2002

Field Density Testing

Our representative performed field density tests on the completed building pad and the chemically treated pavement subgrade soils in accordance with ASTM Test Designations D2922-91 and D3017-88 (Nuclear Probe Method). Our test data indicate that the upper 6 inches of the completed building pad soils and the chemically treated pavement subgrade soils were compacted to a minimum of 90 percent of the laboratory determined maximum dry density.

Laboratory Compaction Testing

We performed laboratory compaction tests on representative samples of the site soils used during earthwork construction. The compaction tests were performed in accordance with ASTM Test Designation D1557-91. The results of the laboratory compaction tests are summarized below.

Material Description	Method	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
Red-brown sandy silt	A	124	8.6
Chemically treated red-brown silt	A	107	17.9

CONCRETE CONSTRUCTION

Reinforcing Steel Placement Observations

Our scope of work included observation of floor slab and wall panel reinforcing steel for the subject building. Detailed observations generally were performed one day prior to concrete placement with any corrections being verified by our representative prior to structural concrete placement. All floor slab reinforcing steel appeared to be placed in compliance with industry standards and the project plans, for size and placement location.

Concrete Placement Observation

Our representative observed concrete placement procedures during concrete construction of building slab-on-grade and wall panels. Concrete truck batch and placement times were recorded to ensure that the concrete was placed within a reasonable period (generally less than 90 minutes). Concrete temperatures were monitored and recorded. Concrete appeared to be placed and consolidated in general accord with industry standards.

Page 3
Beloit Industrial
Building B
Raney Reference No. 168-050.01
March 6, 2002

Slump Testing

Our representative performed concrete slump testing during concrete placement. Slump testing was generally performed at least once per 150 cubic yards of concrete in accord with ASTM Test Designation C143-90a, Slump of Portland Cement Concrete. Slump test specimens were obtained in accord with ASTM C172-90, Sampling Freshly Mixed Concrete. Slump test measurements were relayed to the contractor verbally. Our data would indicate that no significant amount of concrete was placed with an excessive slump.

Compressive Strength Testing

Generally, one set of four test specimens was cast per 150 cubic yards of concrete placed. The test specimens were returned to our laboratory for curing and compressive strength testing. Test specimens were cast, transported, and cured in accord with ASTM Test Designation C31-91, Making and Curing Concrete Test Specimens in the Field. Test specimens were stored in a humidity room complying with ASTM Specification C511-93. The test specimens were tested in unconfined compression in our laboratory at 7 and 28 days in accord with ASTM Test Designation C39-93a. Copies of compressive strength test data are attached.

STRUCTURAL STEEL CONSTRUCTION

Shop Welding Observations

Our representative observed structural shop welding for panel embeds and columns. We observed welding materials and workmanship; materials and workmanship appeared to comply with project specifications, industry standards and provisions of the American Welding Society.

Field Welding Observations

Our representative observed structural field welding for panel holddowns and the roof structure connections. Prior to initiation of welding operations we reviewed qualification certificates of all project welders; our review indicated that the welder's certificates were current and applicable to the various types of project welding. We observed welding materials and procedures; welding procedures, workmanship, and materials appeared to comply with industry standards and provisions of the American Welding Society Structural Welding Code.

Field welds were examined for visual defects or flaws; all welds appeared to be sound. In addition, we checked welded connections for conformance to project plans and specifications; all welds appeared to meet specifications for size, length and type.

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Beloit Industrial
Building B
Raney Reference No. 168-050.01
March 6, 2002

EPOXY OBSERVATIONS

Our representative observed the pre-drilled holes used for epoxy installation of No.5 reinforcing steel dowels at existing footings. The pre-drilled holes appeared to meet depth requirements and were brushed and blown out prior to dowel installation and epoxy placement. Our representative observed the mixing and application of epoxy at the pre-drilled holes. Our observations indicate that epoxy installation was performed in accordance with the applicable ICBO report and the project plans.

LIMITATIONS


Horizontal and vertical limits of the described work were determined by others. We cannot guarantee construction, nor should our work or this letter be construed as relieving the contractors from their primary responsibility to conform to contractual agreements and sound engineering practice.

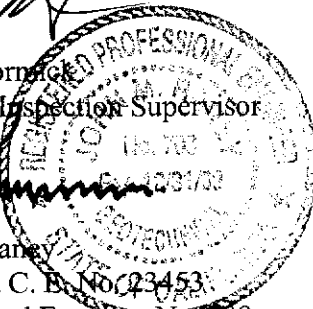
Should you have any questions regarding this letter or require any further information, please contact our office.

Very truly yours,

RANEY GEOTECHNICAL, INC.


Bob McCormick
Structural Inspection Supervisor


John M. Raney
Registered C. E. No. 23453
Geotechnical Engineer No. 708



Attachments: Compressive Strength Reports

(2) Addressee

BM/JMR/JB

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01172

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
 Attention: Price Airies
 5101 Florin-Perkins Road
 Sacramento, CA 95826

LOCATION: Beloit Drive
PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	9/27/01	TICKET #:	113159
MATERIAL TYPE:	Concrete	MIX DESIGN:	A4541A
SAMPLED BY:	Scott T.	SLUMP:	3.5 inches
SPEC. STRENGTH:	2500 psi	AIR TEMP:	82 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	77 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Footings - First Northwest Footing			

STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	AREA(sq. inches)	BREAK DATE	STRENGTH (psi)
A	7	54400	28.27	10/4/01	1924
B	28	90000	28.27	10/25/01	3184
C	28	93600	28.27	10/25/01	3311
HOLD	56		28.27	11/22/01	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01249

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors

LOCATION: Beloit Drive

Attention: Price Airies

PERMIT NO:

5101 Florin-Perkins Road

Sacramento, CA 95826

SAMPLE DATA

DATE SAMPLED:	10/9/01	TICKET #:	121346
MATERIAL TYPE:	Concrete	MIX DESIGN:	A5041A
SAMPLED BY:	Doug L.	SLUMP:	4.5 inches
SPEC. STRENGTH:	3000 psi	AIR TEMP:	56 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	78 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Slab-on-Grade - Grid 5 at A			

STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs)	AREA(sq. inches)	BREAK DATE	STRENGTH(psi)
A	7	66200	28.27	10/16/01	2342
B	28	97600	28.27	11/6/01	3452
C	28	90000	28.27	11/6/01	3184
HOLD	56		28.27	12/4/01	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01250

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
 Attention: Price Airies
 5101 Florin-Perkins Road
 Sacramento, CA 95826

LOCATION: Beloit Drive
PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	10/9/01	TICKET #:	121360
MATERIAL TYPE:	Concrete	MIX DESIGN:	A5041A
SAMPLED BY:	Doug L.	SLUMP:	5.75 inches
SPEC. STRENGTH:	3000 psi	AIR TEMP:	56 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	76 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Slab-on-Grade - Grid 4 at B			

STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs)	AREA(sq. inches)	BREAK DATE	STRENGTH (psi)
A	7	60500	28.27	10/16/01	2140
B	28	90300	28.27	11/6/01	3194
C	28	91700	28.27	11/6/01	3244
HOLD	56		28.27	12/4/01	

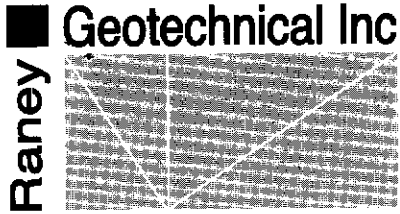
- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 



Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01251

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
 Attention: Price Airies
 5101 Florin-Perkins Road
 Sacramento, CA 95826

LOCATION: Beloit Drive
PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	10/9/01	TICKET #:	121375
MATERIAL TYPE:	Concrete	MIX DESIGN:	A5041A
SAMPLED BY:	Doug L.	SLUMP:	4.25 inches
SPEC. STRENGTH:	3000 psi	AIR TEMP:	56 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	77 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Slab-on-Grade - Grid 3.1 at B.5			

STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	AREA(sq. inches)	BREAK DATE	STRENGTH(psi)
A	7	69500	28.27	10/16/01	2458
B	28	103800	28.27	11/6/01	3672
C	28	108200	28.27	11/6/01	3827
HOLD	56		28.27	12/4/01	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01252

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
 Attention: Price Airies
 5101 Florin-Perkins Road
 Sacramento, CA 95826

LOCATION: Beloit Drive
PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	10/9/01	TICKET #:	121392
MATERIAL TYPE:	Concrete	MIX DESIGN:	A5041A
SAMPLED BY:	Doug L.	SLUMP:	5.5 inches
SPEC. STRENGTH:	3000 psi	AIR TEMP:	57 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	76 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Slab-on-Grade - Grid D at 1.2			

STRENGTH RESULTS

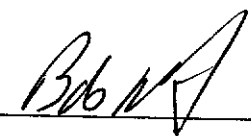
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	AREA(sq. inches)	BREAK DATE	STRENGTH (psi)
A	7	51200	28.27	10/16/01	1811
B	28	90300	28.27	11/6/01	3194
C	28	90300	28.27	11/6/01	3194
HOLD	56		28.27	12/4/01	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01381

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
 Attention: Price Airies
 5101 Florin-Perkins Road
 Sacramento, CA 95826

LOCATION: Beloit Drive

PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	11/5/01	TICKET #:	114838
MATERIAL TYPE:	Concrete	MIX DESIGN:	00A5741C
SAMPLED BY:	A.J. M.	SLUMP:	4.75 inches
SPEC. STRENGTH:	4000 psi	AIR TEMP:	45 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	62 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Wall Panel #24			

STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	AREA(sq. inches)	BREAK DATE	STRENGTH (psi)
A	7	88100	28.27	11/12/01	3116
B	28	125900	28.27	12/3/01	4453
C	28	124800	28.27	12/3/01	4415
HOLD	56		28.27	12/31/01	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01382

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
 Attention: Price Airies
 5101 Florin-Perkins Road
 Sacramento, CA 95826

LOCATION: Beloit Drive
PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	11/5/01	TICKET #:	114848
MATERIAL TYPE:	Concrete	MIX DESIGN:	00A5741C
SAMPLED BY:	A.J. M.	SLUMP:	4.5 inches
SPEC. STRENGTH:	4000 psi	AIR TEMP:	44 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	63 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Wall Panel #17			

STRENGTH RESULTS

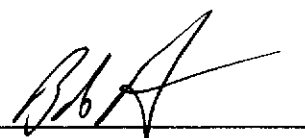
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	AREA(sq. inches)	BREAK DATE	STRENGTH (psi)
A	7	86500	28.27	11/12/01	3060
B	28	119500	28.27	12/3/01	4227
C	28	118600	28.27	12/3/01	4195
HOLD	56		28.27	12/31/01	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 



Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01401

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
Attention: Price Airies
5101 Florin-Perkins Road
Sacramento, CA 95826

LOCATION: Beloit Drive
PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	11/6/01	TICKET #:	114931
MATERIAL TYPE:	Concrete	MIX DESIGN:	00A5741C
SAMPLED BY:	A.J. M.	SLUMP:	4.5 inches
SPEC. STRENGTH:	4000 psi	AIR TEMP:	45 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	61 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Wall Panel #1			

STRENGTH RESULTS

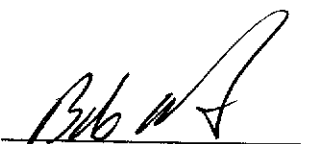
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	AREA(sq. inches)	BREAK DATE	STRENGTH (psi)
A	7	92600	28.27	11/13/01	3276
B	28	120300	28.27	12/4/01	4255
C	28	122000	28.27	12/4/01	4316
HOLD	56		28.27	1/1/02	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01402

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors
 Attention: Price Airies
 5101 Florin-Perkins Road
 Sacramento, CA 95826

LOCATION: Beloit Drive
PERMIT NO:

SAMPLE DATA

DATE SAMPLED:	11/6/01	TICKET #:	114939
MATERIAL TYPE:	Concrete	MIX DESIGN:	00A5741C
SAMPLED BY:	A.J. M.	SLUMP:	4.5 inches
SPEC. STRENGTH:	4000 psi	AIR TEMP:	44 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	73 Degrees F
AIR ENTRAINMENT:			
LOCATION: Building B - Wall Panel #5			

STRENGTH RESULTS

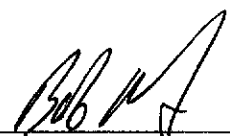
SAMPLE	AGE(days)	ULTIMATE LOAD(lbs.)	AREA(sq. inches)	BREAK DATE	STRENGTH (psi)
A	7	91500	28.27	11/13/01	3237
B	28	123200	28.27	12/4/01	4358
C	28	120300	28.27	12/4/01	4255
HOLD	56		28.27	1/1/02	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 

Compressive Strength Report

(ASTM METHOD C-39)

PROJECT #: 168-050.01 **SAMPLE ID:** 01-01567

PROJECT NAME: Beloit Industrial Building

Mark III Engineering Contractors

LOCATION: Beloit Drive

Attention: Price Airies

PERMIT NO:

5101 Florin-Perkins Road

Sacramento, CA 95826

SAMPLE DATA

DATE SAMPLED:	12/11/01	TICKET #:	115613
MATERIAL TYPE:	Concrete	MIX DESIGN:	A5041A
SAMPLED BY:	Kevin S.	SLUMP:	4.5 inches
SPEC. STRENGTH:	3000 psi	AIR TEMP:	40 Degrees F
SUPPLIER:	Teichert & Son, Inc.	MIX TEMP:	59 Degrees F
AIR ENTRAINMENT			
LOCATION: Building B - Slab-on-Grade - Pour Strip - 2.5/H			

STRENGTH RESULTS

SAMPLE	AGE(days)	ULTIMATE LOAD(lbs)	AREA(sq. inches)	BREAK DATE	STRENGTH(psi)
A	7	72100	28.27	12/18/01	2550
B	28	104000	28.27	1/8/02	3679
C	28	102900	28.27	1/8/02	3640
HOLD	56		28.27	2/5/02	

- Meets 28 day strength requirement
- Does not meet 28 day strength requirement
- No strength requirement given

Notes:

CC:

Teichert & Son, Inc.

Reviewed By: 