



**CHAMPAIGN COUNTY BOARD
FACILITIES COMMITTEE**
County of Champaign, Urbana, Illinois
Tuesday, August 4, 2015 6:30 pm

Lyle Shields Meeting Room
Brookens Administrative Center
1776 E. Washington St., Urbana

Committee Members:

Gary Maxwell - Chair	Jeff Kibler
Giraldo Rosales – Vice-Chair	James Quisenberry
Jack Anderson	Rachel Schwartz
Josh Hartke	

AGENDA

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VII.	Approval of the Contract for the ITB 2015-006 Champaign County Precast Concrete Wall Panel Rehabilitation - Update on the Pre-cast Concrete Wall Panel Rehabilitation Project - Schedule (attached)	5
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**Champaign County Board
Facilities Committee
County of Champaign, Urbana, Illinois**

MINUTES – SUBJECT TO REVIEW AND APPROVAL

DATE: Tuesday, June 2, 2015
TIME: 6:30 p.m.
PLACE: Lyle Shields Meeting Room
Brookens Administrative Center
1776 E. Washington, Urbana, IL 61802

Prior to the Facilities Committee meeting, the committee toured the Brookens Administrative Center at 1776 E Washington St. in Urbana. The tour began at 5:20 p.m. and ended at 6:05 p.m. Committee member present for the tour was Gary Maxwell (chair). The tour was conducted by Dana Brenner (Champaign County Facilities Director).

Committee Members

Present	Absent
Gary Maxwell (Chair)	
Giraldo Rosales (Vice Chair)	
	Jack Anderson
Josh Hartke	
Jeff Kibler	
James Quisenberry	
	Rachel Schwartz

County Staff: Dana Brenner (Facilities Director); Deb Busey (County Administrator); Linda Lane (Administrative Assistant)

Others Present: John Jay, (Champaign County Board); John Frauenhoffer (Engineering Resource Associates, Inc.), members of the public

MINUTES

I. Call to Order

Committee Chair Maxwell called the meeting to order at 6:30 p.m.

II. Roll Call

A verbal roll call was taken and a quorum was declared present.

III. Approval of Agenda

Mr. Maxwell requested that item VIII be removed from the agenda. **MOTION** by Mr. Rosales to approve the agenda as amended; seconded by Mr. Hartke. Upon vote, the **MOTION CARRIED unanimously.**

IV. Approval of Minutes- May 5, 2015

MOTION by Mr. Quisenberry to approve the minutes of the May 5, 2015 meeting; seconded by Mr. Rosales. Upon vote, the **MOTION CARRIED unanimously.**

- 39 **V. Public Participation**
40 None
- 41 **VI. Communications**
42 None
- 43 Mr. Kibler entered at 6:32 pm.
- 44 **VII. Approval of Authorization for METCAD to sub-lease a portion of their space located within the**
45 **Emergency Operations Center at 1905 E. Main St., Urbana, IL 61801**
46 **MOTION** by Mr. Hartke to approve sublease; seconded by Mr. Kibler. Upon vote, the **MOTION CARRIED**
47 **unanimously.**
- 48 **VIII. Approval of the Army Corp of Engineering Lease**
49 Removed from agenda
- 50 **IX. Engineering Resource & Associated Report, Findings and Recommendations from the Satellite Jail Pre-**
51 **Cast Panel Study**
- 52 Mr. Frauenhoffer said their purpose was to investigate three identified failure theories: 1) pre-stressing
53 strand corrosion; 2) base connection (a substitution during construction of a welded steel connection on
54 the inside faces of the panel buried in the ground); and 3) if wind-driven rain could penetrate and cause
55 problems. He explained how the panels were made and reported that there is tension across the panels
56 causing cracks. He reported that the strands are in good shape and the base connections only have a bit
57 of surface rust. He said the insulation layer stops about 7" from the top of the footing, and below that is
58 solid concrete. Mr. Frauenhoffer noted when the vertical cracking patterns got to where the insulation
59 stopped they went horizontally. He commented that water gets inside and gets to the bottom 7" of solid
60 concrete it creates bursting force due to freezing. He explained that the problem was created because
61 the joints were left to fall apart, which allows water into the building. Mr. Frauenhoffer commented that
62 at one of the three locations they found out the building is slightly pressurized on the inside from the
63 mechanical system, which isn't supposed to happen.
- 64 Mr. Frauenhoffer said he established priority levels to create longer life of the building. Priority #1
65 includes: 1) repair cracks; 2) re-seal joints, which probably needs to be done on the other pre-cast
66 buildings as well; and 3) coat the walls. He estimated priority #1 costs at just under \$400,000. He reported
67 Priority #2 is the roof, which is reaching the end of its life. He said the flashing system is poor allowing
68 water to leak into the building. He said when the roof is replaced they need an enhanced wall cap and
69 flashing system. He indicated they would probably find some places that need connection plates added
70 and estimated the cost at about \$750,000. Mr. Frauenhoffer said Priority #3 is securing the base and
71 would cost approximately \$170,000.
- 72 Mr. Maxwell asked for questions. Mr. Rosales asked the urgency of each of the stages. Mr. Frauenhoffer
73 said that priority #1 should be done this summer. He said there is some leaking on the roof, but it could
74 be done in the next two years. He felt that the base connection could be done within five years.
- 75 Mr. Quisenberry asked Mr. Brenner where the roof is on the long-term plan. Mr. Brenner replied that
76 they are still developing that with the facility condition assessment. He said that the roof should last 20
77 years, and there are leaks that they can continue to repair. He stated there are indications that the roof
78 is nearing the end of its life.
- 79 Mr. Rosales asked if all the drilled holes had been re-sealed. Mr. Frauenhoffer replied that they were all
80 encased in concrete.
- 81 Mr. Maxwell asked for further questions. There were none. Mr. Maxwell thanked Mr. Frauenhoffer.
- 82 Mr. Maxwell moved to the resolution to direct the County Administration to negotiate a contract with
83 ERA. He said he would like to have that negotiated and entered into as soon as possible and attempt to
84 have the bid documents ready for the Board to approve the release of those documents at the June 18

85 meeting. He recognized that this is an ambitious schedule but they need to get it expedited if they hope
86 to get work done this summer. He asked for a motion to authorize Administration to negotiate a contract
87 with ERA.

88 Mr. Rosales said he thought the Sheriff had another company look at the jail and they were going to
89 handle it out of their budget. Mr. Brenner said that last summer this committee decided not to approve
90 a proposal from ERA to do a study. He said the Sheriff got a study that was only to visually inspect and
91 give an opinion, not to have any work done. Mr. Brenner explained that pre-cast panel buildings should
92 have the panel joints replaced every 8-10 years. He said they inspected the satellite jail, JDC, and highway
93 and found about 50% of the joints have cracks.

94 Mr. Rosales wanted to know if they re-seal and re-roof what happens if they expand later. Mr. Brenner
95 said that the building is designed to easily remove a few panels. He stated that whatever is done will not
96 impact the physical structure of the facility.

97 Mr. Hartke wanted clarification that the resolution is to have them prepare bid documents to get the
98 joints repaired and asked the price tag on the prep of the documents. Mr. Brenner felt it would be under
99 \$30,000. Ms. Busey said they expected the work to this point to cost \$24,000 and they've only spent
100 \$17,000, leaving the balance to be put towards the cost of bid documents. Mr. Hartke felt they needed
101 to prioritize this report with the facility condition assessment. Mr. Busey explained that this project was
102 already budgeted for this year. Mr. Hartke asked if it was budgeted at this price tag. Ms. Busey answered
103 approximately.

104 Mr. Quisenberry felt this can't wait and will only cost more if they go through another freeze-thaw. Mr.
105 Maxwell said he understands the project to be sealing the vertical panel joints with an option to seal the
106 cracks in the panels. Mr. Brenner confirmed that was an option discussed and the crack repairs would be
107 listed in the bid documents as an alternate.

108 Mr. Kibler noted the proposed motion is to have Administration negotiate a contract and wanted to know
109 if that requires Board approval. The reply was that it did not. Mr. Kibler then asked if the negotiated rate
110 would come back to the Board for approval. Ms. Busey said the idea is to proceed with this project. She
111 said not to focus on the ERA contract and felt it wouldn't be that substantial of a contract. She explained
112 that they are being asked to write the bid documents for something they've already extensively studied.
113 She noted the Facilities Committee can authorize Administration to work with ERA to get this project
114 done, and the project is already budgeted. Mr. Kibler stated the study was only on the adult detention
115 facility and wanted to know why they are adding JDC and Highway. Mr. Busey replied all three are
116 included in the budget because there is a great economy of scale. She noted that Highway would pay for
117 the work being done on their building.

118 **MOTION** by Mr. Rosales to direct County Administration to negotiate a contract with Engineering
119 Resource Associates to develop the drawings, specifications and bid documents necessary to replace the
120 pre-cast concrete panel joints for the Adult Detention Facility, County Highway Maintenance Facility, and
121 the Juvenile Detention Facility and to make the necessary repairs to the Satellite Jail's pre-cast concrete
122 panels; seconded by Mr. Quisenberry. Upon vote, the **MOTION CARRIED unanimously.**

123 **X. Facilities Director's Report**

124 *A. Update on CC Nursing Home Water Heater Project*

125 Mr. Brenner reported that the bids were taken to the Nursing Home Board and were accepted. He said
126 they have a draft contract with Pipe Works out of Bloomington. Mr. Brenner said that Pipe Works
127 submitted all relevant information to GHR, who then approved it. He hoped for work to start at the end
128 of June, depending on the delivery of the five water heaters.

129 *B. Update on the County Courthouse Window Replacement Project*
130 Mr. Brenner stated that an award notification was sent to Barber & DeAtley, Inc. and a contract is in draft
131 form. He said they will have a kick-off meeting in the next two weeks and explained that this project will
132 require more coordination because of it affecting County staff offices.

133 Mr. Brenner also provided a handout showing the costs-to-date for the panel investigation. He noted the
134 ERA contract was not-to-exceed \$24,700 and two invoices were received, one for \$14,740 and one for
135 \$2,410. Mr. Brenner reported other expenses were Penhall for \$800, TSI Advanced Roofing for \$1,363,
136 and Duce Construction for \$3,585. He said all expenses totaled \$22,899.

137 **XI. Other Business**

138 None

139 **XII. Chair's Report**

140 Mr. Maxwell stated that it has been a tradition in the past to not have committee meetings in July.
141 **MOTION** by Mr. Rosales to cancel the July 7 Facilities Committee Meeting; seconded by Mr. Kibler. Upon
142 vote, the **MOTION CARRIED by a vote of 4 to 1**. Mr. Quisenberry asked if he understood correctly that if
143 any business relevant to facilities came up that is urgent it will addressed at the full board meeting with a
144 motion to suspend the rules. Ms. Busey replied that is correct.

145 **XIII. Closed Session pursuant to 5 ILCS 120/2©6 to discuss the setting of a price and terms of sale or lease**
146 **of property owned by Champaign County**

147 **MOTION** by Mr. Quisenberry at 7:15 pm to enter into closed session pursuant to 5 ILCS 120/2(c)6 to
148 discuss the setting of a price and terms of sales or lease of property owned by Champaign County. He
149 further moved that the following remain present: the Facilities Director, the County Administrator, and
150 the recording secretary; seconded by Mr. Kibler. **MOTION CARRIED unanimously with a roll-call vote of**
151 **5-0.**

152 **XIV. Designation of Items to be Placed on the Consent Agenda**

153 Mr. Maxwell stated that item VII is to be placed on the consent agenda.

154 **XV. Adjournment**

155 There being no further business, Mr. Maxwell adjourned the meeting at 7:34 p.m.
156

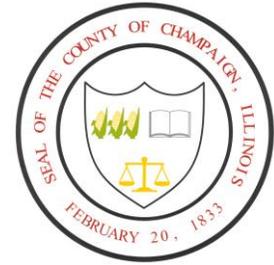
157 ***Please note the minutes reflect the order of the agenda and may not necessarily reflect the order of business conducted at the meeting.*

CHAMPAIGN COUNTY PHYSICAL PLANT

1776 EAST WASHINGTON STREET, URBANA, ILLINOIS 61802-4581

FACILITIES & GROUNDS MANAGEMENT SERVICES

DANA BRENNER, FACILITIES DIRECTOR



Memorandum

To: Chair Gary Maxwell and the Members of the County Facilities Committee
CC: Deb Busey, County Administrator
Tami Ogden, Deputy County Administrator of Finance
From: Dana Brenner, County Facilities Director
Date: 7/30/2015
Re: ITB 2015-006 County Facilities Precast Concrete Wall Panel Rehabilitation

Invitation to Bid

Recently, Champaign County conducted a thorough engineering analysis of the Satellite Jail's precast pre-stressed concrete wall panels and the suspicious cracking pattern found on most of the panels. The engineer's report, presented at the Facilities Committee Meeting on June 2, 2015, indicated a course of action to follow in order to ensure future integrity of this building.

The Facility Committee, at the June 2, 2015 meeting, authorized County Administration to negotiate a contract with Engineering Resources Associates to develop the drawings, specifications and the bid documents necessary to replace the precast concrete wall panel joints for the following three County buildings: County Highway Maintenance Facility; Juvenile Detention Facility; and the Adult Detention Facility (Satellite Jail), and to make the necessary repairs to the Satellite Jail's precast concrete wall panels as indicated by ERA's May 11, 2015 report.

During the period of ERA's specification and bid document preparation, and with County Administration's approval, ERA added the necessary repairs to the County Highway Maintenance Facility's precast concrete wall panels, which are beginning to show similar cracking patterns to the Satellite Jail. The bid document was posted on July 12, 2015 as ITB 2015-006.

The bid document for ITB 2015-006 consists of a base bid and four alternates. The base bid includes wall panel joint sealing for all three buildings. Alternate #1 repairs the Satellite Jail's precast panel cracks. Alternate #2 coats the exterior of the Satellite Jail precast wall panels with a uniform paint/sealant to protect the newly repaired cracks. Alternate #3 repairs the County Highway Maintenance Facility

precast concrete wall panel cracks. Finally, Alternate #4 coats the exterior of the County Highway Maintenance Facility with a uniform paint/sealant to protect the newly repaired cracks.

Pre-Bid Meeting

On Tuesday, July 21, 2015, a pre-bid meeting was held to provide potential respondents with an overview of the project. ERA presented the project to four contractors who attended the meeting. Attendees were given an opportunity to ask questions of ERA and County Administration. The meeting concluded with a tour of the exteriors of the three buildings involved in the bid documents.

Addenda

Addendum #1 was issued on Friday, July 24, 2015. This addendum replaced some language and helped to further defined Specification Section 09—900 2.01 A. Additionally, this addendum also added language to the base bid that shall include the removal and replacement of the following: (a) top and inside of wall panel joints to the degree that the joints are exposed; (b) the top of the roof membrane termination bar sealant; (c) the sealant at the top of the metal roof flashing; and, (d) the sealant at the metal roof flashing joints.

Proposal Opening and Review

At 2:00pm on Tuesday, July 28, 2015, the County Facilities Director, Building and Grounds Manager, Jake Wolf from ERA and Facility Committee Chair Gary Maxwell gathered in the Lyle Shields Meeting Room at the Brookens Administrative Center to open, read, and record the two (2) bid proposals that had been received. Representatives of both companies were present. The bid summary follows:

**July 28, 2015
Bid Opening Results**

Bidder	Otto Baum Company, Inc. 866 N. Main St. Morton, Il 61550	Schomburg & Schomburg Construction, Inc. 923 N. Collett St. Danville, Il 61832
Base Bid	\$123,955.00	\$155,925.00
Bid Alternate #1	\$35,775.00	\$143,031.00
Bid Alternate #2	\$57,885.00	\$101,267.00
Bid Alternate #3	\$9,275.00	\$28,665.00
Bid Alternate #4	\$77,360.00	\$106,964.00
Total	\$304,250.00	\$535,852.00

It was determined after opening bids that both bids were viable and both attached all required information and documentation. Based on the review of the submitted bids in response to ITB 2015-006, it is recommended that the County Facilities Committee recommend to the County Board awarding of the bid to Otto Baum Company, Inc. The award to Otto Baum should include the following components: base bid, Alternate #1, Alternate #2 and Alternate #3 – for a total award of \$226,890.00.

Reminder - Alternate #4, which we are not selecting as part of this contract award, coats the exterior of the County Highway Maintenance Facility with a uniform paint/sealant to coat the repaired cracks and cover the rust spots forming from impurities within some of the decorative exposed aggregate. This alternate is cosmetic in nature, which we deem unnecessary at this point in the building's age.

**Champaign County Facilities
Pre-Cast Concrete Panel Repair Projects
County Highway, JDC and Satellite Jail**

**Proposed Schedule
7/01/2015**

June 11 through July 9	Develop specifications & written documentation for the bid document
July 10	Finalize bid document
July 12th	Post Bid
July 21 st , 10:00am	Pre-Bid Meeting – Brookens Administrative Center, 1776 E. Washington St., Urbana, Illinois 61802 – Lyle Shields Meeting Room
July 23rd, 5:00pm	Deadline for submission of questions and clarifications
July 28th, 2:00pm	Bid Opening - Brookens Administrative Center, 1776 E. Washington St., Urbana, Illinois 61802 – Lyle Shields Meeting Room
August 4th	Present to the Facilities Committee for approval
August 20th	Present for approval to County Board
August 21st	Finalize and sign agreement with low bidder
August 31st	Contractor to mobilize and stage equipment
September 2nd	Work Begins
October 31st	Complete Project
November 2nd	Create and Review Publish Punch List
November 13th	Complete Punch List

**LAND LEASE AGREEMENT BETWEEN THE COUNTY OF CHAMPAIGN
AND THE CHAMPAIGN COUNTY HUMANE SOCIETY**

This lease agreement is made and entered into this 20th day of August, 2015, by and between the County of Champaign (hereinafter referred to as “Landlord”) and the Champaign County Humane Society (hereinafter referred to as “Tenant”).

ARTICLE I

Premises

Landlord does hereby lease to Tenant a tract or parcel of land, containing 3 acres, more or less, situated in Champaign County, State of Illinois, more particularly described as follows:

Commencing at the intersection of the South right-of-way line of East Main Street in the City of Urbana, Illinois, with the East line of Section 16, Township 19 North, Range 9 East of the 3rd Principal Meridian; thence South a distance of 583’ along the East line of said Sec. 16 to the point of beginning; thence West a distance of 470’ along a parallel of the East Main Street South Right-of-Way line; thence South a distance of 278.04’ parallel with the East line of said Sec. 16; thence East a distance of 470’ along a parallel of the East Main Street South Right-of-Way line to a point in the line of the East line of said Sec. 16 to the point of beginning, at the corner of a tract described in Book 648, Page 40 of the Champaign County Recorder’s Office.

ARTICLE II

Term

This lease agreement shall commence January 1, 2016 and continue through and including December 31, 2026, unless sooner terminated or extended by written agreement of the parties, with an option to renew for three additional five-year term if notice of intent to renew is provided to the Landlord 90 days before the end of each lease term (the first renewal notice to occur by October 1, 2026), each renewal term to be subject to agreement by the parties regarding any change in the rental rate.

ARTICLE III

Rent

Rent for the said premises shall be at the following rate: \$583.33 per month for the first ten year term of the lease which is equal to an annual rate of \$7,000. If the Tenant seeks to renew this Lease for the subsequent five-year terms as set forth in Article II, the rent for the subsequent terms shall be negotiated by the parties before the renewal is executed. In the event the parties do not agree to the rental rate for the subsequent terms prior to December 1st of the renewal term year as documented in Article II, the option to renew shall be deemed to have been waived.

ARTICLE IV

Use of Lease Premises

1. Tenant shall have the right, during the existence of this lease, to attach fixtures, and erect structures or signs, in or upon the premises hereby leased, in accordance with applicable laws. The fixtures and

structures, or signs, so placed in, upon, or attached to the said premises shall be and remain the property of the Tenant and may be removed, abandoned or otherwise disposed of by the Tenant.

2. Tenant is granted an easement of access through County property to the leased premises. Access to the leased premises shall be solely by way of a driveway off of S. Art Bartell Drive on the County's Property. The Landlord will be responsible for maintenance of the S. Art Bartell Drive, the Tenant will be responsible for maintaining the driveway to its facility off of S. Art Bartell Drive.

3. The Landlord granted an easement for sanitary sewer purpose to the Tenant as indicated on the map, attached as Exhibit 1 and incorporated herein. The Tenant has been granted authority to tap into the Landlord's sewer line serving County facilities at the Tenant's expense. The Tenant shall not permit any further extension of the line, or use by any other entity without the express written permission of the Landlord. The Tenant shall arrange and be responsible for separate sanitary sewer billing from the Urbana-Champaign Sanitary District. The Tenant shall be responsible for any tap-in fees which may be charged by the Sanitary District. The Tenant shall be liable for all property damage on or to the property as a result of the installation or subsequent use of the tap-in line.

4. Easements for any other utilities shall be mutually agreed upon in writing by the parties.

5. The Landlord retains the right of entry at all reasonable and necessary times with reasonable notice to the Tenant to inspect the premises and to make necessary repairs to the premises.

6. The Tenant is responsible and liable for any ordinance, statutory or regulatory violations that result from Tenant's use or misuse of the property.

ARTICLE V

Subletting and Assignment

Tenant shall not assign, mortgage, pledge, or encumber this lease, or sublet the said lease premises or any part thereof, without first obtaining the written consent of Landlord.

ARTICLE VI

Insurance

Tenant shall indemnify and hold the Landlord harmless for any liability which the Landlord may incur because of the Tenant's activities or use of this property or because of the activities or use by persons involved or permitted to use the property by the Tenant.

ARTICLE VII

Cumulative Remedies and Waiver

The specified remedies to which Landlord may be entitled under the terms of this lease agreement are cumulative, and are not intended to be exclusive of any other remedies or means of redress to which Landlord may be lawfully entitled in case of any breach or threatened breach by Tenant as to any provision of this lease agreement. The failure of Landlord to insist on strict performance of any covenant or condition of this lease agreement, or to exercise any option herein contained, shall not be construed as a waiver of such covenant, condition, or option in any other instance. No waiver by Landlord of any provision of this lease agreement shall be deemed to have been made unless made in writing and signed by Landlord.

ARTICLE XVIII

Partial Invalidity

Should any provision of this lease agreement be or become invalid or unenforceable, the remaining provisions shall be and continued to be fully effective.

ARTICLE XIX

Successors

All of the terms and provisions of this lease agreement shall be binding upon and inure to the benefit of and be enforceable by and upon the representatives, successors and assigns of Landlord and Tenant.

ARTICLE XX

Notices and Payments

All rent or other payments due by Tenant pursuant to this lease agreement shall be paid to Landlord at the office of the Champaign County Administrator, 1776 E. Washington St., Urbana, IL 61802, or such other place as Landlord may from time to time designate by written notice to Tenant. All notices required or desired to be furnished to Landlord by Tenant shall be in writing and shall be furnished by mailing the same by certified mail to Landlord, address to Champaign County Administrator, 1776 E. Washington St., Urbana, IL 61802. All notices from landlord to Tenant shall be in writing and shall be furnished by landlord by mailing the same by certified mail addressed to Champaign County Humane Society, 1911 E. Main Street, Urbana, IL 61802.

ARTICLE XXI

Governing Law

This lease agreement shall be construed, enforced, and considered made in accordance with the laws of the State of Illinois.

ARTICLE XXII

Titles

All titles, captions and headings contained in this lease agreement are for convenience only and shall not be taken into consideration in any construction or interpretation of this lease agreement, or any of its provisions.

ARTICLE XXIII

Entire Agreement

The terms of this lease agreement constitute the whole and entire agreement between the parties, and supersede any and all prior understandings, discussions, agreements or otherwise between the parties hereto with respect to the subject matter hereof.

ARTICLE XXIV

Amendment

No amendment to this lease agreement shall be effective unless it is in writing and signed by the parties hereto.

IN WITNESS WHEREOF the parties have set their hands and seals the day and year first above written, in duplicate documents, each of which shall be considered to be an original.

COUNTY OF CHAMPAIGN
Landlord

CHAMPAIGN COUNTY HUMANE SOCIETY
Tenant

BY: _____
Patsi Petrie
County Board Chair

ATTEST: _____
Gordy Hulten
County Clerk and Ex-Officio
Clerk of the County Board

BY: _____

CHAMPAIGN COUNTY NURSING HOME URBANA, ILLINOIS

LINT FILTER STUDY

GHR Project No. 6913

July 6, 2015
Revised July 30, 2015



Mechanical & Electrical Consulting Engineers
1615 South Neil Street
Champaign, Illinois 61820
217-356-0536 Business
217-356-1092 Fax

July 6, 2015

GHR No. 6913

Lint Filter Study
Champaign County Nursing Home

GHR Engineers and Associates, Inc. had been asked to provide a scope of work and project cost opinion for installing a new dryer lint collection system. The December 5th, 2012 Lint Remediation Study prepared by Jim Gleason indicated the excessive lint that is coming from the dryer and is being ingested by the hot water boilers. Several of the boilers have been affected by the excessive lint. The current location for the dryer vent discharge is located on the roof into a screen enclosure. There have been five options that have been considered as possible solutions to the lint collection location and accessibility for routine maintenance for the dryer vents. The first option is relocating the drying equipment to the existing Break Room. The second option is relocating the laundry equipment to the Break Room and include the Family Dining Room. The third option is relocating the laundry to the Child Day Care Center. The fourth option is to relocate the drying equipment to the Chapel Room. Finally option five is to leave the laundry equipment in place and re-duct the dryer vents into a lint filtering unit in the court yard with a fenced enclosure.

The Lint Remediation Study listed several issues that should be address in all five option related to the existing dryers. In all five options GHR recommended that a lint filter unit be installed to capture and bag the lint that is discharged from the dryers. GHR also recommended that access doors be installed in each dryer vent for inspection and cleaning of the vent duct as recommended by the dryer manufacturer. Two other items recommended by the manufacturer to be installed on each of the five dryers are the compress air cleaning connection and fire suppression water connection. The Lint Remediation Study identified an equipment manufacturer for the lint filter unit. The attached cost opinion includes the current cost of the filter unit listed in the Lint Remediation Study along with the costs for the other recommendations by the dryer manufacturer.

After considering the five options GHR recommends proceeding with the fifth option. The fifth option will have the smallest impact to current operations and will have the smallest impact to the existing infrastructure including gas and electrical connections to the existing dryers. Relocating the dryers to a new location would required significant changes to the existing gas and power connections.

For the fifth option the existing dryer vents will be removed from the roof and the roof openings capped. The west door out of the chapel will be removed and the a new chase will be created to allow for the new dryer vent pipe to be routed out to the court yard. A new exit door from the Chapel Room will be installed for an exit into the court yard. The new lint filter unit will be set on

Lint Filter Study
Champaign County Nursing Home

a concrete pad on grade for easier collection of the dryer lint. A new fence enclosure will be installed around the filter unit. A new 60 gallon 5 HP air compressor will be installed to provide air for blow-down of the dryers and filter unit. The air compressor will be located in the mechanical room adjacent to the air compressor serving the "dry" fire suppression system. New water connections will also be made in the mechanical room to serve the dryer fire suppression system as recommended by the manufacturer. All utility connections will be installed per manufacturer's written instruction. Attached are drawings, additional manufacturer information and project cost opinion.

Project Cost

Estimated Construction Cost	\$150,000
Design Contingency (10%)	<u>\$15,000</u>
Subtotal	\$165,000
Bidding (Market) Contingency (5%)	\$8,000
Subtotal	\$173,000
Construction Contingency (10%)	<u>\$17,000</u>
Subtotal	\$190,000
A/E Basic Fee (15% of \$190,000)	\$28,500
Reimbursables	
Site Observation GHR	\$3,000
Site Observation IGW	\$2,000
Printing (Allow)	\$1,000
Advertising	<u>\$600</u>
Estimated Project Cost	<u>\$225,100</u>

JGM/mdt

Narrative.JGM.wpd

OPINION OF PROBABLE COST - HVAC Contract

GHR Engineers & Associates, Inc.

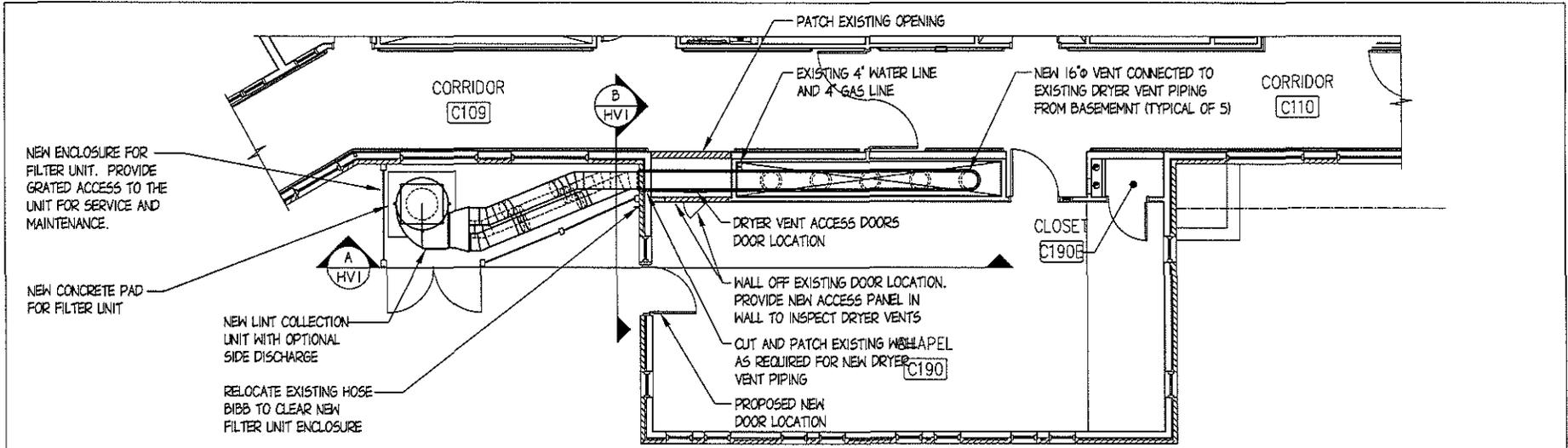
RE: 6913
 Lint Filter Study
 Champaign County Nursing Home

X	Original	06/19/15
X	Revised	07/30/15

date printed: 07/30/15
 time printed: 11:23 AM
 prepared by: JGM

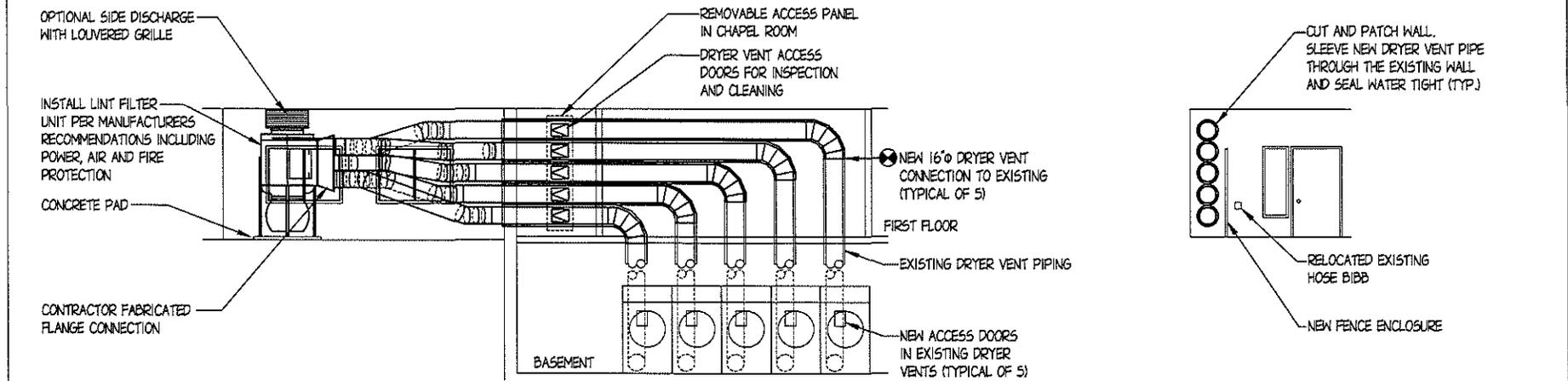
LINE ITEM NO. AND DESCRIPTION	QTY	UNIT	COST/UNIT	AMOUNT
1.0 demo existing dryer vent piping at roof	1	lot	\$2,000.00	\$2,000
2.0 patch / cap roof openings (use original roofer)	5	ea	\$800.00	\$4,000
3.0 demo existing chase walls and cut / patch	1	lump	\$2,500.00	\$2,500
4.0 install new chase walls	1	lump	\$5,500.00	\$5,500
5.0 painting	1	lump	\$1,100.00	\$1,100
6.0 install new exterior exit door and frame	1	lot	\$4,500.00	\$4,500
7.0 relocate existing hose bib, cut and patch wall	1	ea	\$750.00	\$750
8.0 new concrete pad for filter unit	1	ea	\$3,500.00	\$3,500
9.0 new FRP-15 dryer lint filter unit (12K material, 5K install)	1	ea	\$17,000.00	\$17,000
10.0 new 60 gallon 5 HP air compressor (temperature control grade)	1	ea	\$4,500.00	\$4,500
11.0 air dryer (lint filter is outside)	1	ea	\$1,000.00	\$1,000
12.0 air connection to dryers	5	ea	\$250.00	\$1,250
13.0 air connection to filter & controls	1	lump	\$1,100.00	\$1,100
14.0 new air piping	1	lump	\$3,000.00	\$3,000
15.0 backflow preventer	1	ea	\$600.00	\$600
16.0 flow switch (for F/A)	1	ea	\$300.00	\$300
17.0 new water connections to existing dryers	5	ea	\$600.00	\$3,000
18.0 pipe insulation	1	lump	\$1,300.00	\$1,300
19.0 new dryer vent and access doors, rated	5	ea	\$7,700.00	\$38,500
20.0 fire wrap insulation	5	ea	\$3,000.00	\$15,000
21.0 new fence enclosure, wood	1	lump	\$2,000.00	\$2,000
22.0 power to filtration unit	1	lump	\$3,500.00	\$3,500
23.0 power to air compressor	1	lump	\$900.00	\$900
24.0 power to control wiring	1	lump	\$600.00	\$600
25.0 fire alarm work (flow switch & programming)	1	lump	\$1,200.00	\$1,200
26.0 start-up/ commissioning	1	lump	\$2,200.00	\$2,200
27.0 overtime premium/ phasing, WAG	1	lump	\$12,000.00	\$12,000

28.0 Miscellaneous	10.00%	\$13,280
29.0 Bond	1.50%	\$2,191
30.0 Insurance	1.50%	\$2,191
<hr/>		
HVAC Contract (actual)		\$150,462
HVAC Contract (rounded)		\$150,000



PARTIAL FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"



A NORTH ELEVATION
SCALE 1/8" = 1'-0"

B EAST ELEVATION
SCALE 1/8" = 1'-0"

Date	No.	Revision

Designed by	Checked by	Drawn by	Approved by

Project No.	Date	Scale

REVISOR: REVISED DRYER VENTING AND FILTER
 CHAMPAIGN COUNTY PLUMBING HOWE
 DRYER LINT FILTER STUDY AND COST OPINION
 CHAMPAIGN COUNTY - LINDB

Engineers and Associates, Inc.
 Mechanical & Electrical Consulting Engineers
 1815 South West Street
 Peoria, IL 61604
 Tel: (317) 336-0504 Fax: (317) 336-1092

Date: 08-19-2015

Sheet: V-1
 of 1



www.energenics.com

1470 Don Street • Naples, Florida 34104

Telephone: (239) 643-1711
Fax: (239) 643-6081
Customer Service: (800) 944-1711

**Installation & Operation Manual
For ENERGENICS
In-Line Space Saver Lint Filters**

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DESCRIPTION OF LINT FILTER OPERATION

Your new Energenics Lint Filter operated with a UL approved control represents the most advanced features available in the laundry industry to date. The following list the functions and mode of operation:

Blowdown (cleaning) – The Lint Filter will monitor the system backpressure and automatically initiate the blowdown cycle. As the screen loads with lint, the back pressure will increase and will result in an automatic blowdown (cleaning) when the backpressure reaches a set reference (default is .5" w.c.). The lint filter will also blowdown at the end of every dryer cycle to insure complete screen cleaning when dryers are turned off. 70% of the lint will be removed from the screen even though the dryer(s) may be operating. During the blowdown with dryers off, 100% of the lint will be removed from the screen. A manual blowdown can also be done by depressing the button on the bottom of the Lint Filter control. **Note that automatic blowdown cannot occur within 20 seconds of a prior blowdown.** This is done to allow the compressed air supply to partially recover.

Optional Excess Pressure Alarm – If for any reason the Lint Filter has not blown down properly (i.e.: compressor turned off) the system will sense a higher backpressure than normal. In this event the siren and the strobe light both activate. The Filter control will attempt to blowdown every 20 seconds until the excess backpressure condition has terminated. If this condition persists, a manual inspection of the lint screen and observation of proper blowdown must be done.

Optional Fire Control System – A normally open sensor located inside of the filter at the top of the inlet will close at 275 degrees F. The control will open the water solenoid, illuminate the strobe as well as energize the siren. The alarm will be active until 30 seconds after the temperature has dropped below 275 degrees F. After 30 seconds the alarm will automatically reset. Inside the control box is a Fire Control test button. Depress the button and the Fire Control will be activated for the duration the button is pressed. The function of the test button is to check the circuit. It does not test the sensor itself. Using a propane torch to the sensor will test the complete system.

Receiving and Installation

Before you sign the Bill of Lading:

1. Receiving- Inspect units inside and out for signs of damage
Verify all components are delivered per the Bill of Materials.

Report damage to the carrier IMMEDIATELY.

Note ALL damage on the Bill of Lading.

This is your responsibility and you must file all claims.

The filter is fully assembled and ready for installation. The control, valves, and lint bag are in the cardboard box.

2. Installation- Follow instructions herein:

Determine the location with reference to minimum duct work from the dryer and ease of access for inspection.

If using a lint drop pipe allow enough room for lint to travel down 4' before the first bend. Max bend angle is 30 degrees.

If using lint bag or container make sure adequate clearance is allowed.

Conduit or Sealtight between filter junction boxes should be $\frac{3}{4}$ inch.

Dependant on options ordered, not all outputs will have connected components.

If the Fire Control Option is NOT ordered the installer must supply a junction box to connect the wires from the solenoid valve to the Control Box.

When mounting the filter overhead, mount the control below the filter where it can be easily accessed.

If this Lint Filter has a downstream fan, do not use the supplied lint bag. You must use a flexible connector and rigid drum (drum sourced locally). If we supplied the fan then we will have the flexible connector in the box.

Important Installation Considerations

All Energenics Lint Collectors can be mounted indoors or outdoors. If it is mounted outdoors we recommend our Side Discharge or a field installed swept radius elbow (Gooseneck). Do not use a conical cap on the filter exhaust discharge. All solenoid valves should be located inside the building. Also, mount the supplied air pressure gauge at the blowdown pipe on top of the filter.

All solenoids should be mounted as close to the filter as possible, but ALWAYS inside the building. This will allow most of the air and water (if equipped with optional Fire Control) piping to remain pressure charged for most efficient operation.

All wiring should be a minimum of 18 gauge for proper operation.

The Filter Control box should be located in a position to be easily seen and in close proximity to personnel. In other words if the Filter Control is located outdoors, 20 feet in the air or in another room away from the laundry personnel, this would be the wrong location. Lint Filter controls should never be mounted outdoors.

Since the Filter uses compressed air it is important that the air receiver (if equipped) be located as close to the filter as possible. The longer the pipe runs the more restrictive. You will need to increase the pipe diameter if the run is very long (e.g.: 60 feet).

If the installation is a multi-dryer/multi-duct installation it may be necessary to use backdraft dampers to prevent lint backflow into the ducts of turned off dryers. Most dryers have them available as standard equipment or can be ordered to add on.

After everything is mounted and utilities turned on press the manual blowdown button located on the bottom of the Filter Control. The rotor on the inside the lint filter should spin. Make sure that the air pressure at the filter starts out at 100 and ends at about 60 at the end of the blowdown cycle. If it is too low the rotor won't turn.

If the Filter is equipped with Fire Suppression, the test button is on the inside of the Filter Control. It is on the inside to keep people from pushing the button as they walk by. When the button is pushed the strobe and siren will go on along with the water solenoid valve. The system operates until the button is no longer depressed.

Warning and Caution

You have purchased the finest lint filter available for your facility. Please follow these instructions to ensure a safe long life for your filter and facility.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN AN UNSAFE OPERATING CONDITION, INCLUDING THE POSSIBILITY OF FIRE.

DO NOT OPERATE ANY DRYER CONNECTED TO THIS FILTER WITHOUT BEING CERTAIN THE FILTER STARTUP HAS BEEN COMPLETED AND THE FILTER IS IN OPERATING CONDITION.

Insure it is installed in compliance with local codes.

- Step 1. Install the compressed air (Fire suppression plumbing if ordered), and piping system(s) including solenoid valves. If the filter is in position, make all final connections.
- Step 2. Mount the 007 control in a visible location on a solid vibration free surface and connect all components.
- Step 3. Provide dedicated 120-240V single phase electrical service to the PLC and test all systems
- Step 4. Install sheet metal and ducting.

START UP AND OPERATION INSTRUCTIONS

Inspect the filter installation. Is it complete? Review the entire installation requirements prior to startup.

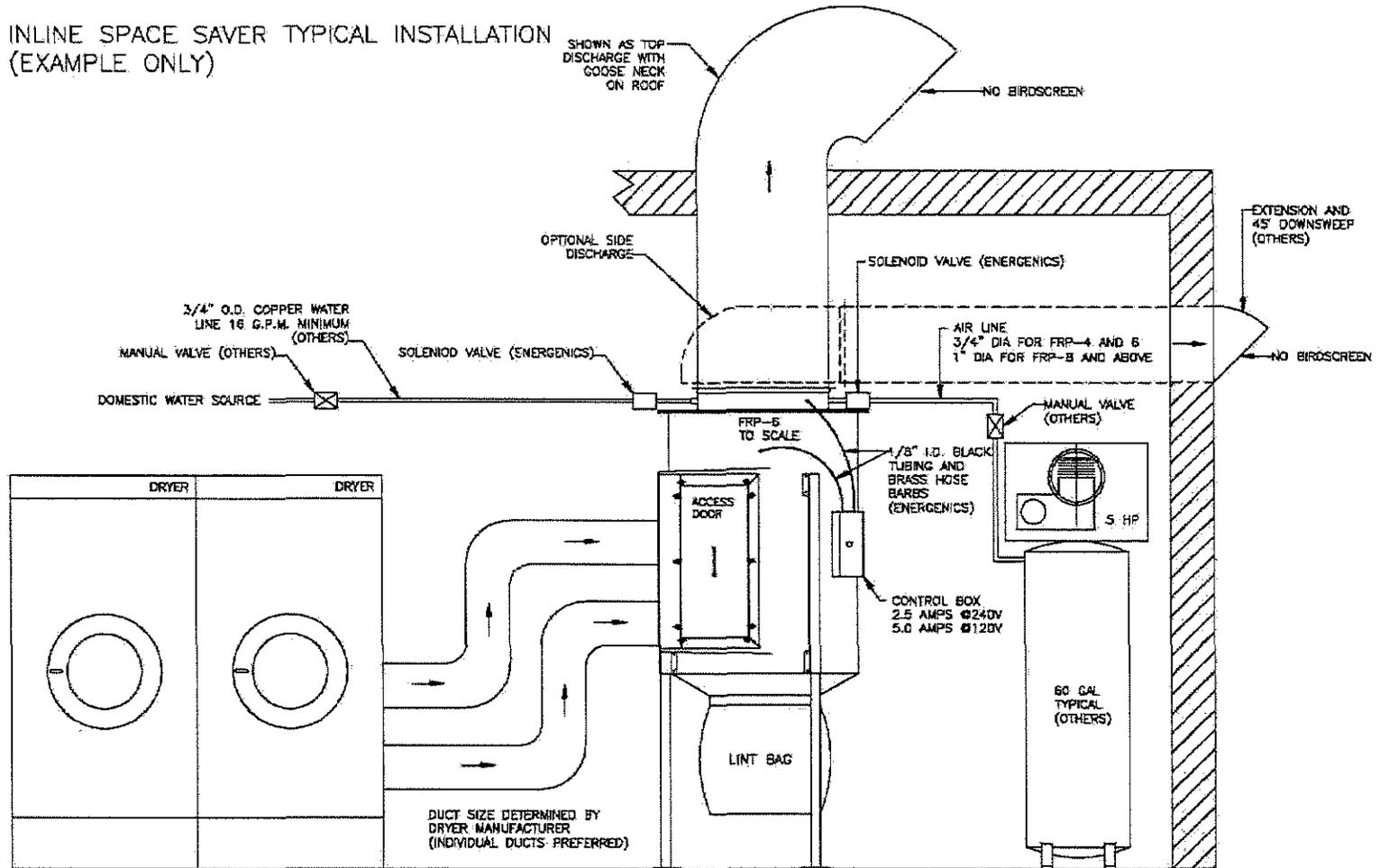
1. Verify the 007 control wiring.
2. Test the blow down cycle (push manual button on control). Watch the pressure gauge. It should start around 100psi and should not drop below 60psi during the 10 second cycle.

The rotor should turn 6-12 times during blow down. The rotor propulsion is adjustable by increasing the number of horizontal holes on the top horizontal portion of the rotor end.

3. Review maintenance requirements and establish a regular PM schedule.

**CAUTION - DO NOT OPERATE FILTER WITH BOOSTER FAN WITHOUT BAROMETRIC DAMPER OR VARIABLE SPEED DRIVE!!!!!!!
(CONSULT PAGE 13)**

INLINE SPACE SAVER TYPICAL INSTALLATION
(EXAMPLE ONLY)

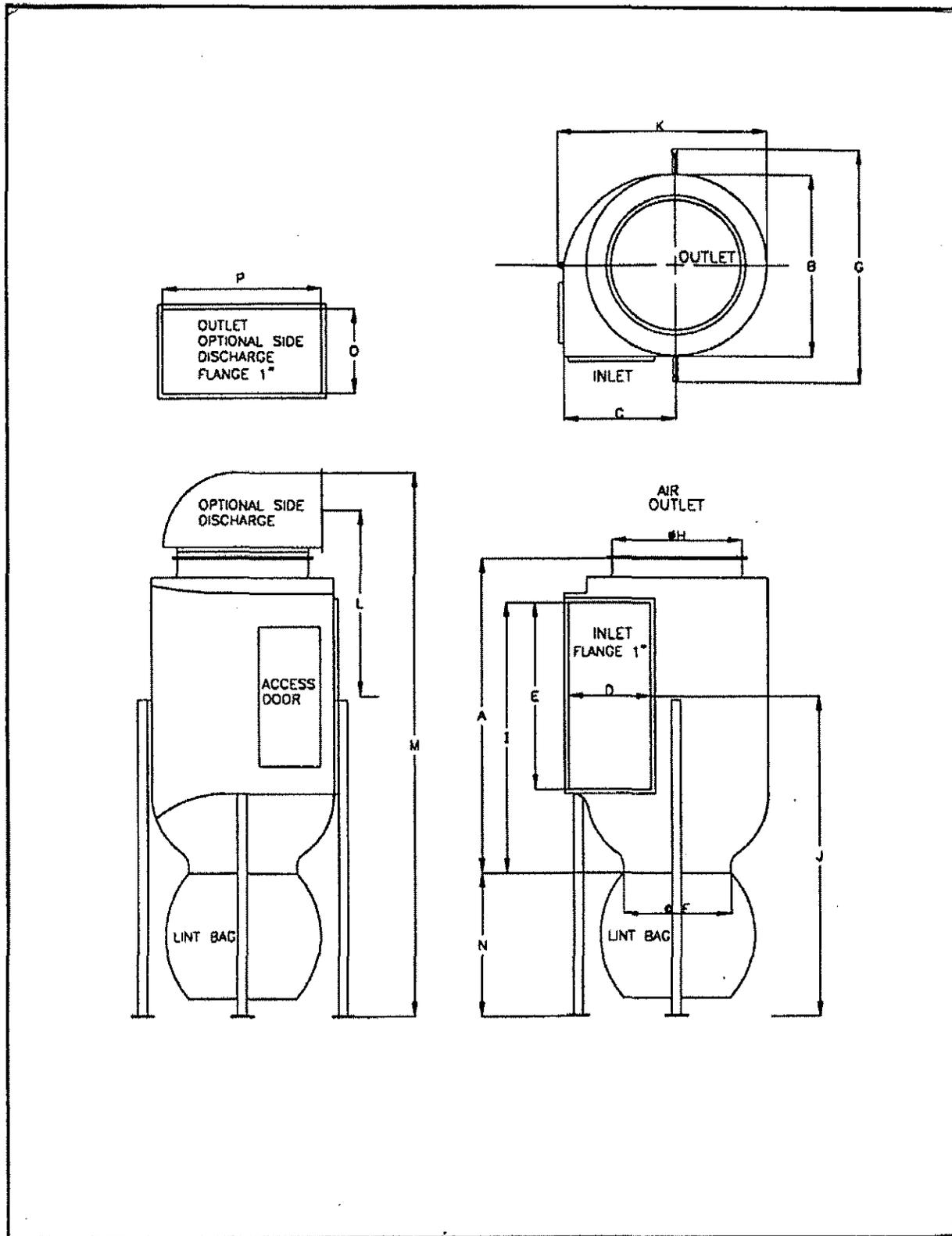


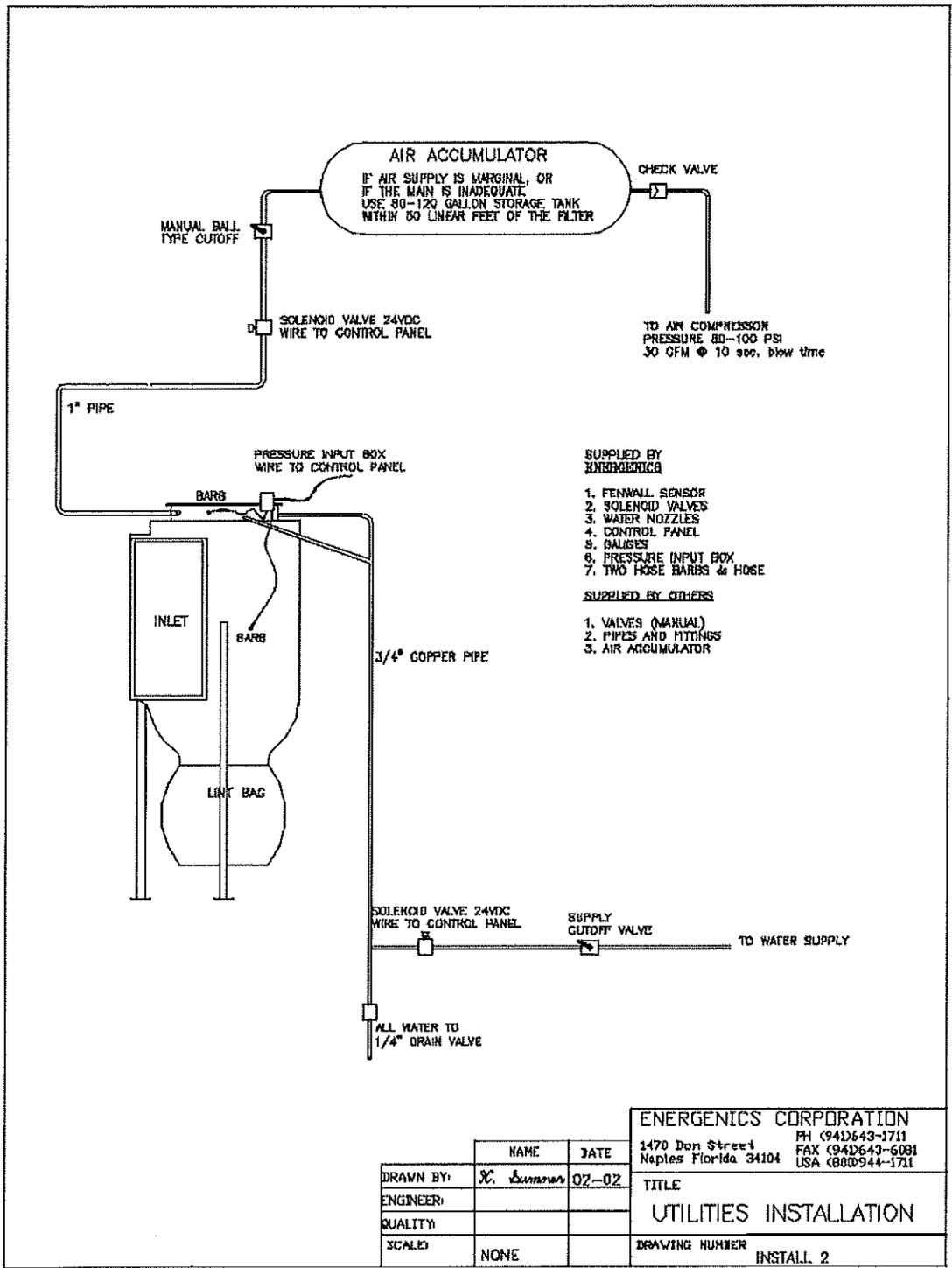
THE NUMBER OF DRYERS DEPENDS
ON THE FILTER C.F.M. CAPACITY

DRAWING NUMBER ENERGENICS/PRODUCT BROCHURES/NEW BROCHURE DRAFTS/INLINE SPACE SAVER TYPICAL INSTALLATION

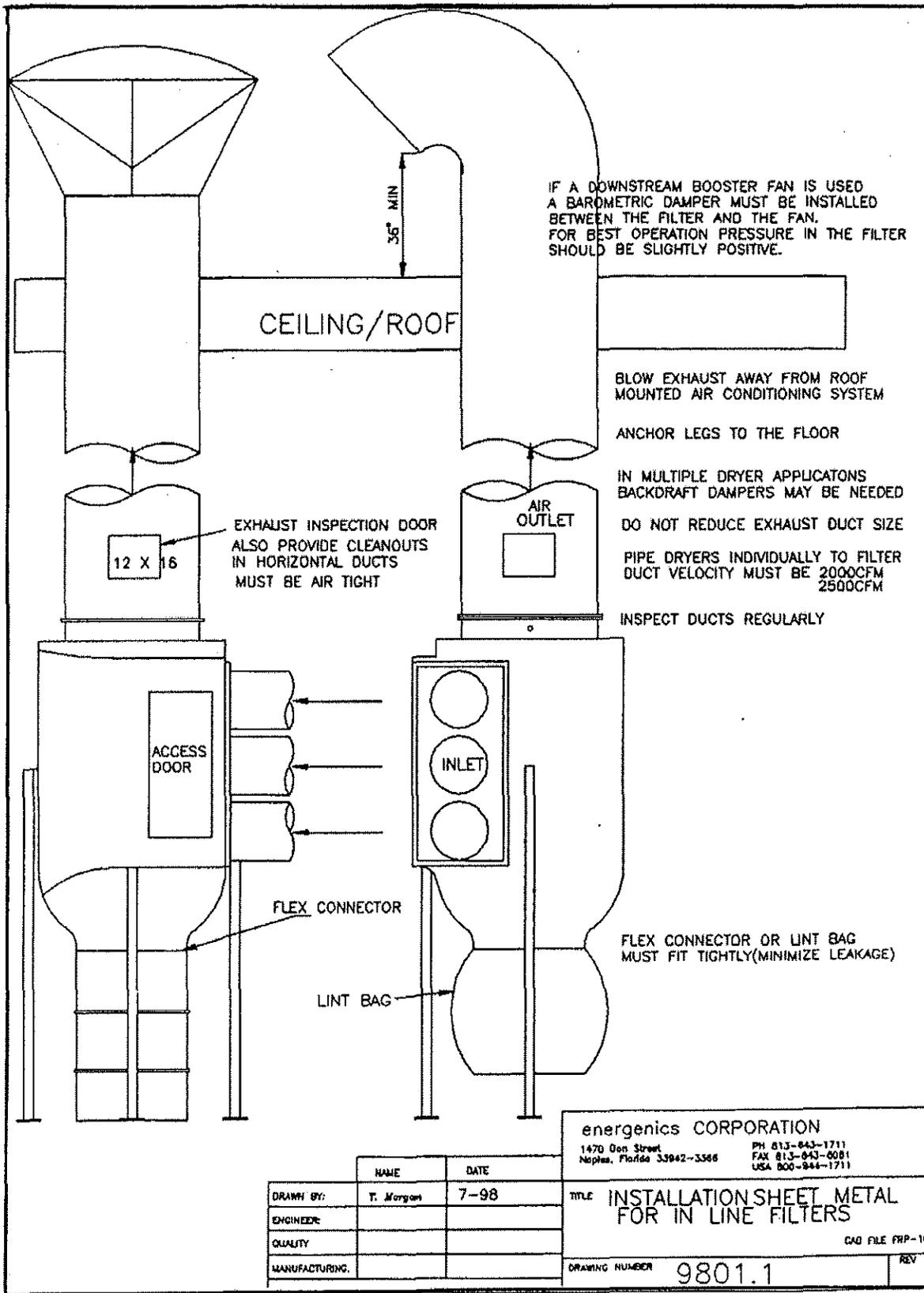
NAME		DATE		ENERGENICS CORPORATION	
DRAWN BY:	AKB		02/72	1430 Don Street Naples Florida 34104	
ENGINEER				TITLE INLINE SPACE SAVER TYP. INSTALLATION	
QUALITY					
SCALE					

Model #	S-4	FRP-6	S-6	FRP-8	FRP-10	S-10	FRP-15	S-15	FRP-20	S-20	FRP-25	S-25	FRP-30	S-30
CFM	4,000	6,000	6,000	8,000	10,000	10,000	15,000	15,000	20,000	20,000	25,000	25,000	30,000	30,000
Screen Area Sq. Feet	18	20	20	40	38	30	40	37	49	51	88	86	96	96
Oper. Wt. Lbs.	130	180	300	200	170	370	210	410	450	760	475	750	475	775
Ship Wt. Lbs.	160	220	350	260	280	400	350	490	530	850	555	875	585	895
A	52.0	54.0	52.0	94.5	67.0	59.0	63.0	61.0	80.0	75.0	88.0	88.0	88.0	88.0
B	27.0	32.0	30.0	30.0	44.0	40.0	52.0	48.0	56.0	56.0	84.0	84.0	84.0	84.0
C	15.0	22.0	22.0	18.0	30.0	28.0	39.0	33.0	46.0	40.0	45.0	45.0	45.0	45.0
D	12.0	20.0	12.0	12.0	24.0	16.0	32.0	24.0	38.0	24.0	48.0	48.0	48.0	48.0
E	30.0	30.0	38.0	58.0	40.0	46.0	40.0	46.0	50.0	58.0	58.0	58.0	58.0	58.0
F	27.0	27.0	30.0	27.0	23.0	20.0	29.5	24.0	24.0	24.0	30.0	30.0	30.0	30.0
G	30.0	35.0	35.0	34.0	50.0	46.0	58.0	52.5	64.0	64.0	94.0	94.0	94.0	94.0
H	16.0	20.0	20.0	26.0	28.0	24.0	30.0	30.0	34.0	34.0	48.0	48.0	48.0	48.0
I	42.0	35.0	42.0	62.0	57.0	53.5	52.0	56.0	72.0	70.0	70.0	70.0	70.0	70.0
J	51.0	44.0	48.0	38.0	61.0	54.5	56.0	57.0	52.0	65.0	65.0	65.0	65.0	65.0
K	28.0	38.0	37.0	33.0	48.0	49.0	52.0	57.0	67.0	68.0	94.0	94.0	94.0	94.0
L	34.0	43.0	37.0	69.0	40.0	38.5	41.0	38.0	51.0	48.0	61.0	61.0	61.0	61.0
M	92.0	94.0	92.0	134.0	109.0	101.0	105.0	103.0	131.0	125.0	140.0	140.0	140.0	140.0
N	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
O	14.0	14.0	14.0	14.0	16.0	16.0	16.0	16.0	24.0	24.0	28.0	28.0	28.0	28.0
P	24.0	24.0	24.0	30.0	39.0	39.0	40.0	40.0	48.0	48.0	60.0	60.0	60.0	60.0



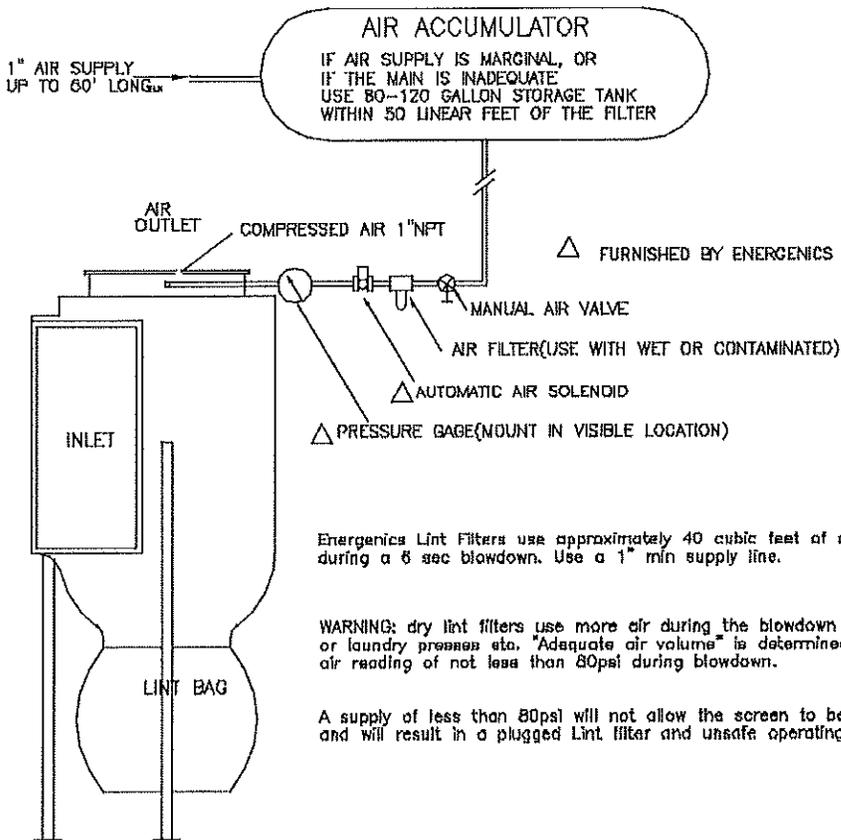


			ENERGENICS CORPORATION 1470 Don Street Naples Florida 34104 PH (941)643-1711 FAX (941)643-6081 USA (800)944-1711	
DRAWN BY:	X. Summer	DATE	02-02	TITLE
ENGINEER:				UTILITIES INSTALLATION
QUALITY:				
SCALE:	NONE			DRAWING NUMBER INSTALL. 2



COMPRESSED AIR REQUIREMENTS

AIR SHOULD BE SUPPLIED TO THE FILTER AT 100psi
AND SHOULD NOT DROP BELOW 80psi AFTER THE 8 sec blowdown



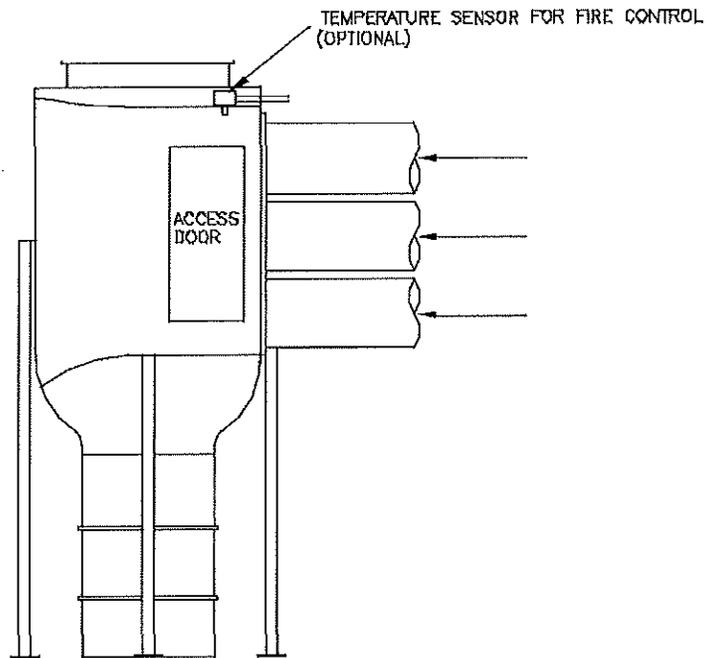
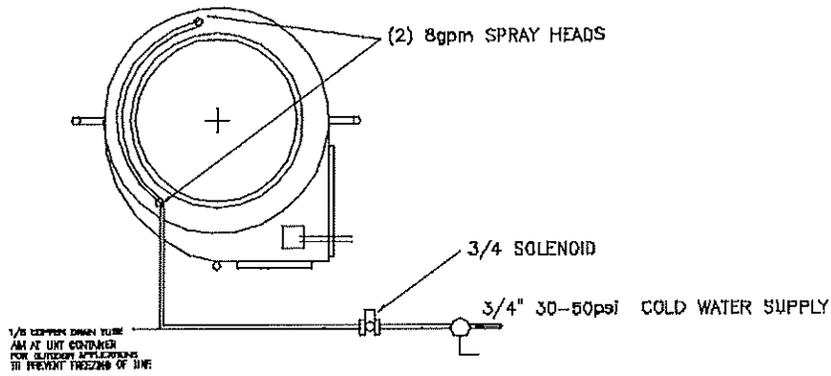
Energenics Lint Filters use approximately 40 cubic feet of compressed air at 100psi during a 8 sec blowdown. Use a 1" min supply line.

WARNING: dry lint filters use more air during the blowdown than washers or laundry presses etc. "Adequate air volume" is determined by a compressed air reading of not less than 80psi during blowdown.

A supply of less than 80psi will not allow the screen to be cleaned automatically and will result in a plugged Lint filter and unsafe operating conditions.

			energenics CORPORATION 1470 Den Blvd Naples, Florida 33942-3368 TEL 813-643-1711 FAX 813-645-0281 USA 800-644-1711	
	NAME	DATE	TITLE	
DRAWN BY	T. Morgan	7-98	COMPRESSED AIR REQUIREMENTS	
ENGINEER			CAD FILE PRP-10	
QUALITY			DRAWING NUMBER 9801.2	
MANUFACTURING			REV	

PLUMBING FOR FIRE SUPPRESSION OPTION 41



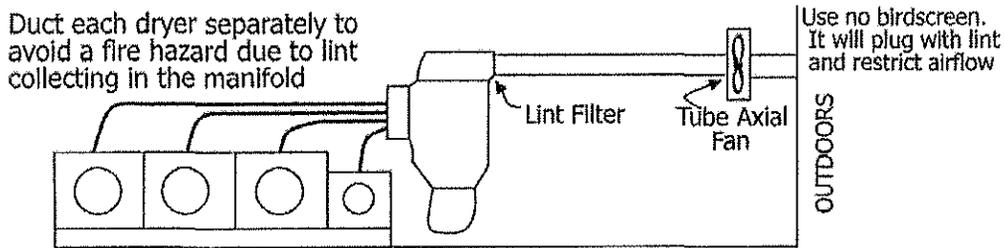
			energenics CORPORATION 147D Don Street Naples, Florida 33942-3388 PH 813-643-1711 FAX 813-643-8085 USA 800-844-1711	
	NAME	DATE	TITLE FIRE SUPPRESSION WATER SYSTEM CAD FILE FRP-10	
DRAWN BY:	SI Morgan	7-98		
ENGINEER:				
QUALITY:				
MANUFACTURING:			DRAWING NUMBER	9801.3
			REV	

PROPER APPLICATION OF LINT FILTER ON DRYERS WITH BOOSTER FANS

Introduction: Sets of 35lb. /150lb. Dryers are normally installed with only the lint drawer underneath the dryer, which does not collect all of the lint. The lint which bypasses the drawer collects in the ductwork and becomes a fire hazard. This hazard can be eliminated by adding an Energenics Lint Filter as shown below, with a booster fan equipped with a Variable Frequency Drive to overcome the resistance of the long ductwork to relieve any vacuum inside the lint Filter.

Application: Provide a booster fan if the ductwork is excessive. Balance the airflow through the systems with all dryers running (i.e. slight positive pressure on the outlet of the lint filter). This will allow the rated airflow through each dryer and each dryer will run well (one can measure the actual airflow with a pitot tube, if necessary). This will allow the dryers to work as designed and the lint to fall off the lint screen, as designed.

Energenics recommends that the Booster Fan be controlled with a Variable Frequency Drive monitoring back pressure equipped with a pressure transducer to allow the Variable Frequency Drive to operate in PID mode. The back pressure should be between 0" - .12" W.C. Default value is .12" W.C. Energenics can supply this package as a system branded "Airflow Optimizer".



Several dryers ducted separately to one lint filter

Locate Lint Filter as near as possible to the dryers to collect all the lint before it accumulates in the duct system, to keep the duct system free of lint. The recommended location of the fan is close to the filter on the discharge side.

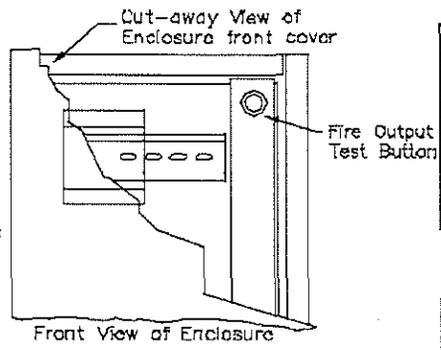
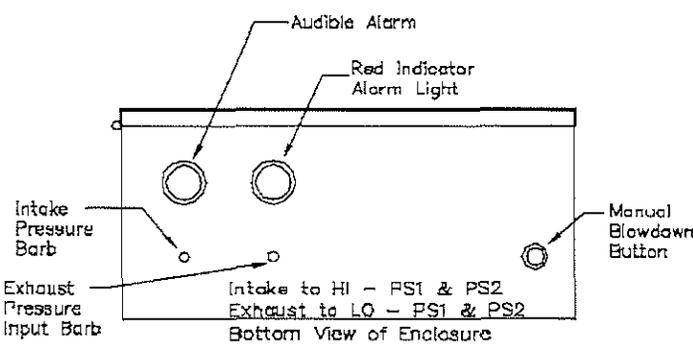
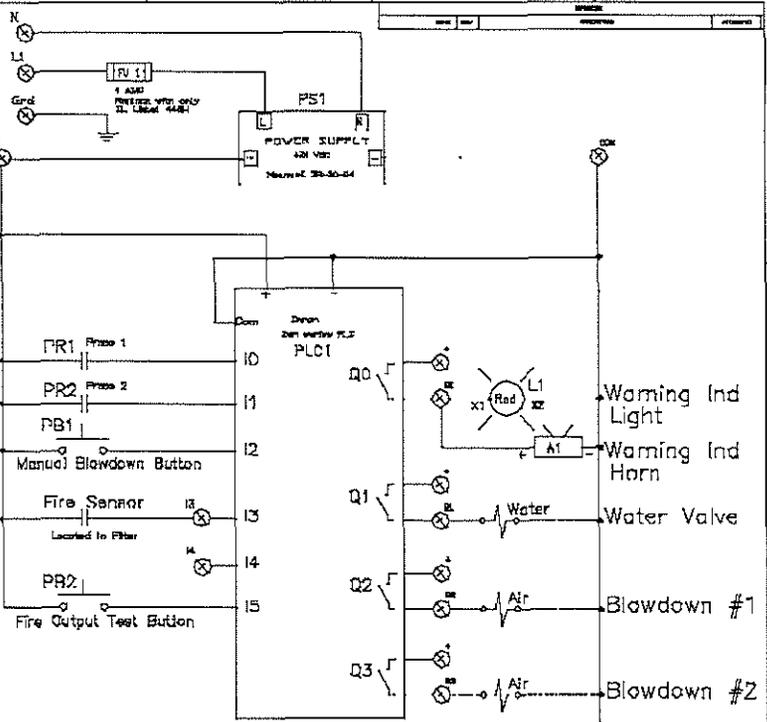
AS BUILT DWG

Branch Circuit Protection
Provided by Others
and is mounted external
to the control panel

CONTROL PANEL BILL OF MATERIAL

Tag Name	Qty	Description	Manufacturer	Part #
PLC1	1	Enclosure 12X12X6 W/ MODS Zen PLC	Austin Omron	12126SM ZEN-10C1DR-D-V2
PS1	1	Power supply	Meanwell	DR-30-24
	16	UK5N TERMINAL BLOCK	Phoenix	3004362
	3	END COVER	Phoenix	3003020
	4	END STOP	Phoenix	0800886
	1	USLRGS GROUND BLOCK	Phoenix	0441504
	2	UK5N blank marker strips	Phoenix	1051903
	1	FB110-Slumper bridge	Phoenix	0203250
	0.33	DIN RAIL NS357.5 (2 METER LENGTH)	Phoenix	0801733
FU1	1	Fuseholder	Phoenix	3004171
	3	WIREWAY 2.0H X 1.5W (6 FT LENGTH)	Ibaco	T1-1010-G
A1	1	Audible alarm	Signa works	B13B-24vac
L1	1	30MM 24VDC RED PILOT LIGHT	Signa works	K13BRDR-D2S
PR1-PR2	2	Pressure Transducer	Dwyer Inst	MDA-111
PB1-PB2	2	T-Hose barb 1/8"	McMaster Carr	5463K353
	2	Momentary Switch	Digi key	EG 2021 -ND
	2	1/8" thru panel hose barb fitting with hardware	Mem-Co	1/4 BK-3
	2	Pressure Transducer mtd bracket	Banner	SMB18A

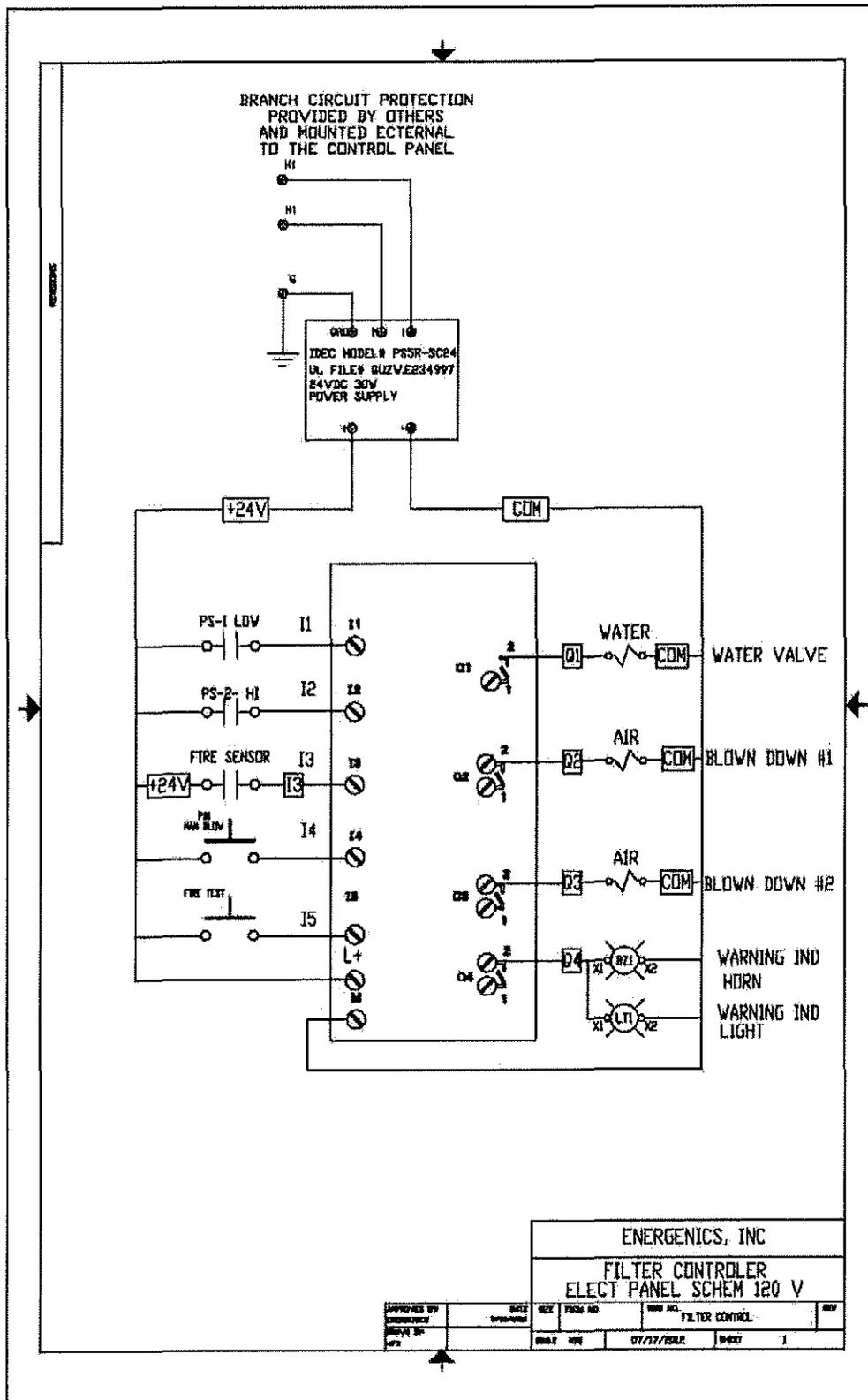
NOTE:
FIELD WIRING TERMINALS
USE COPPER, 60 DEG C MINIMUM WIRE
TORQUE ALL FIELD WIRING TERMINALS
TO 7 IN-LBS

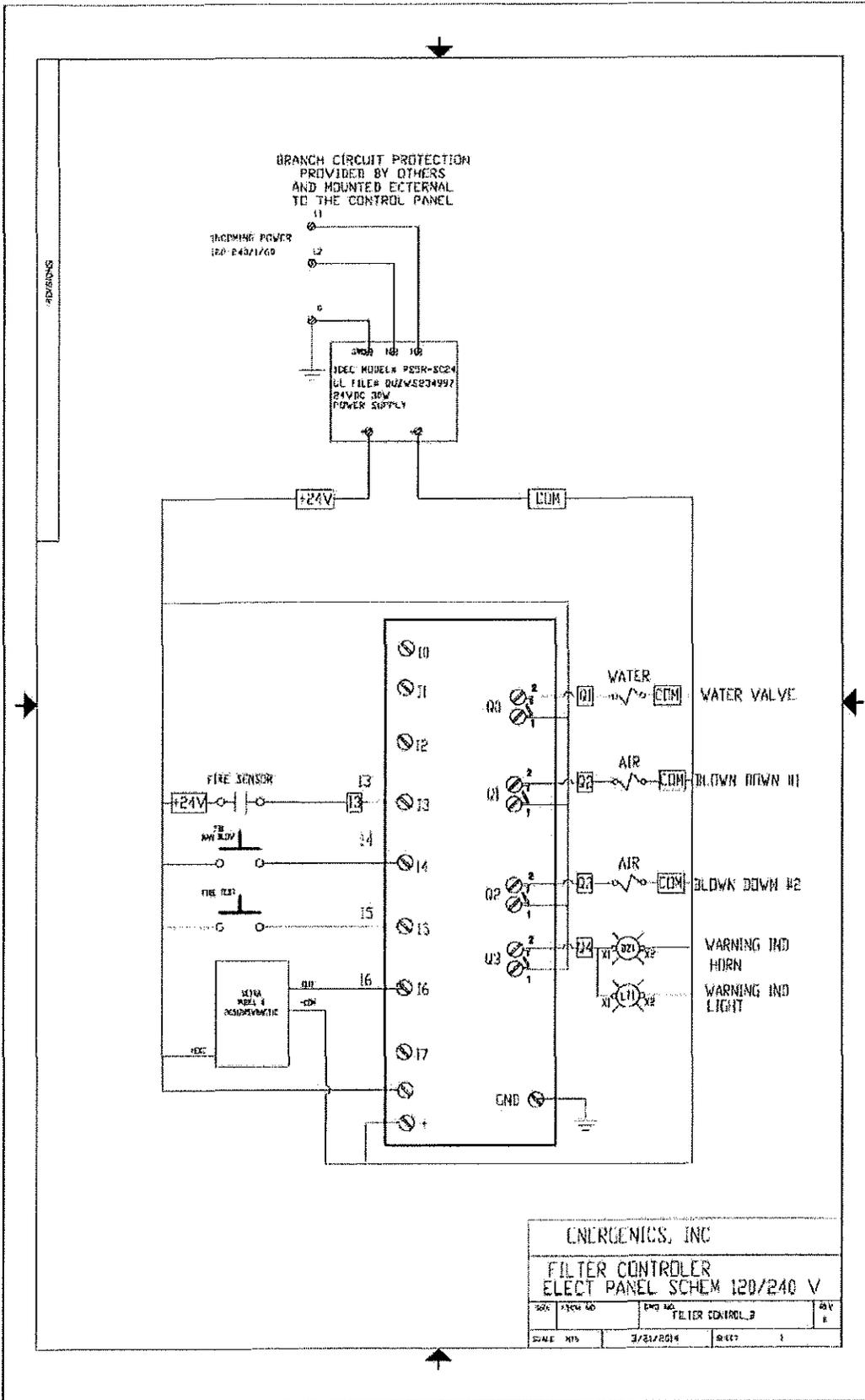


UL 508A Listed
ISC
Integrated Systems & Controls, Inc.
Panel built by ISC, Inc.
Voltage - 120vac 1-phase
Total FLA - 1 amp
Frequency - 60Hz
Type 1

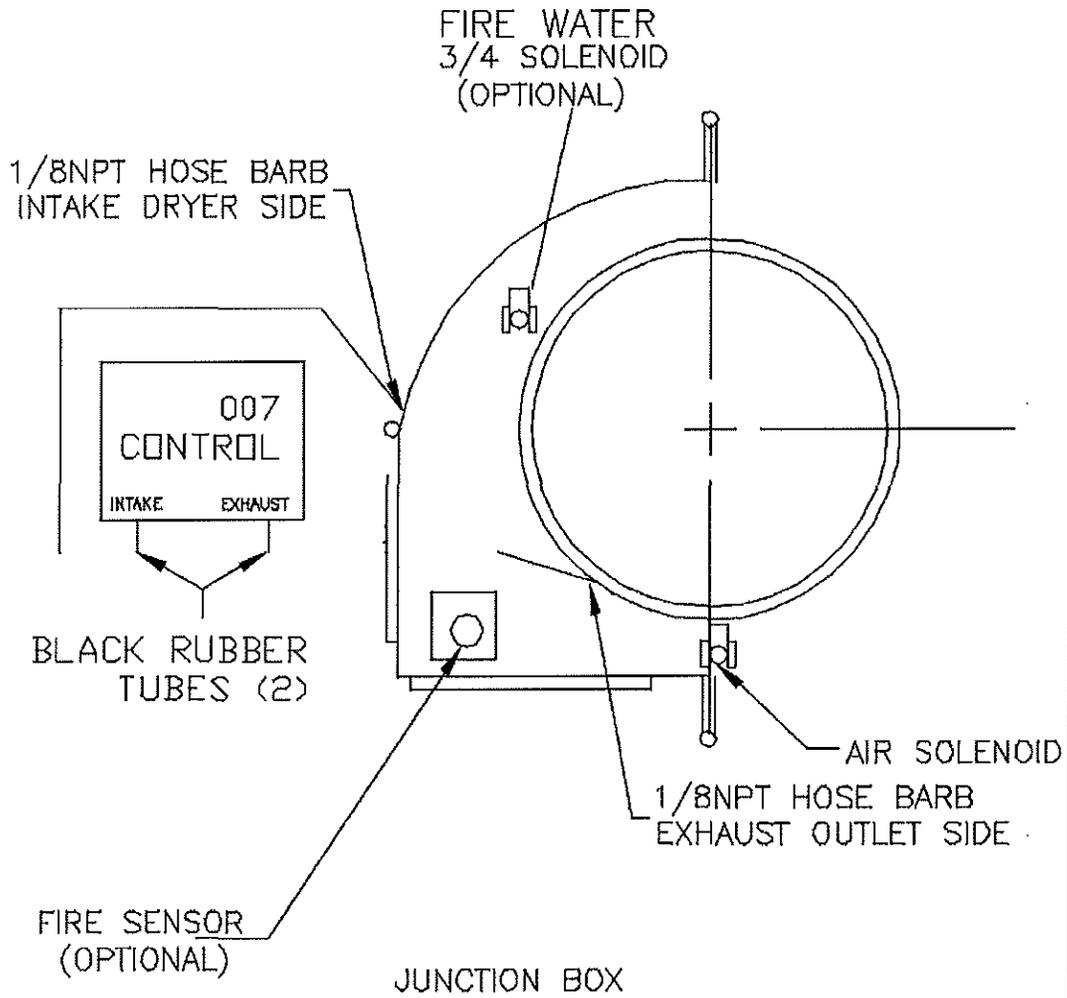
Energicus Inc.
WIREPLC
FIELD Control Panel
ELECT PANEL SCHEDULE 120 volt
D NONE ENER-REP001
PAGE 1 OF 1

14

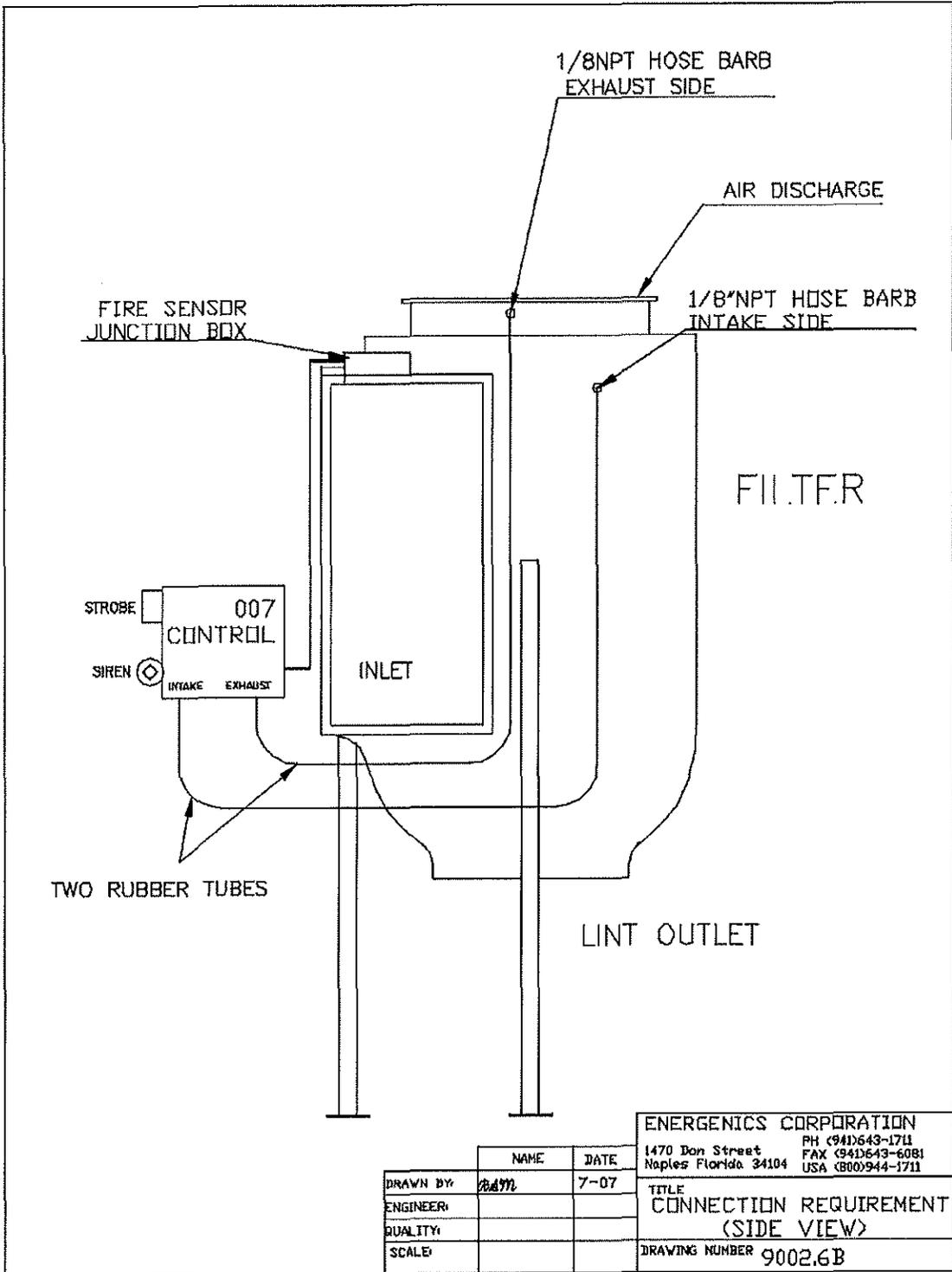




CONNECTION REQUIREMENT



			ENERGENICS CORPORATION	
			1470 Don Street	PH (941)643-1711
			Naples Florida 34104	FAX (941)643-6000
				USA (800)944-1711
			TITLE	
			CONNECTION REQUIREMENT	
			DRAWING NUMBER 9002.5	
DRAWN BY:	NAME	DATE		
ENGINEER:				
QUALITY:				
SCALE:				



			ENERGENICS CORPORATION	
			1470 Don Street	PH (941)643-1711
			Naples Florida 34104	FAX (941)643-6081
				USA (800)944-1711
DRAWN BY:	NAME	DATE	TITLE	
RAY		7-07	CONNECTION REQUIREMENT	
ENGINEER:			(SIDE VIEW)	
QUALITY:			DRAWING NUMBER 9002.6B	
SCALE:				

Maintenance Requirements

The frequency of your maintenance requirements depends upon the number of hours of operation and upon variances in your product output. For a single-shift operation, without special problems, the frequency recommended below should suffice. You should set your own schedule based on your experience.

1. WEEKLY

Visually inspect the filter inside and outside, its controls and their operation. At time of such inspection, note and correct any discrepancies from normal operation.

2. MONTHLY

Check the static pressure. Disconnect the lower pressure hose, and then use a magnehelic gauge, manometer, or U-tube to measure and record the resistance. This will show the pattern of operation of your system. If pressure exceeds 1 inch W.C., insure the rotor is correctly turning and cleaning the screen.

Watch the air pressure gauge on the filter. Record the drop in pressure during the blow down cycle. A normal pressure is from 100psi at the start to 60psi after ten seconds. The minimum pressure is 60psi. Any less will not reliably clean the screen. If the pressure were to fall from 100psi to 40psi, the air supply is inadequate or obstructed.

3. QUARTERLY

On filters using fire protection control, carefully test the fire sensor accessed through the inspection door. Heat the fire sensor with a heat lamp or other NON-FLAMABLE source. The sensor will close contacts initiating the audible tone, illuminate the light & open the water solenoid valve. It is important to heat the sensor as the push button in the control does not test the sensor, only the other components to the fire suppression system.

FILTER SCREEN MAINTENANCE

Chemicals present in the laundry uniforms, shop towels or other linen may eventually clog the filter screen. When this occurs, try the following:

1. Spray with an engine degreaser like GUNK. Allow soaking per the instructions for cleaning an auto engine. Spray clean with water.
2. Operate one dryer without a load to blow hot air through the filter to dry it.
3. Restart the dryer. Operation should be perfectly normal. It should not be necessary to replace the screen unless it is punctured.

Dana M. Brenner

From: Dana M. Brenner
Sent: Wednesday, July 22, 2015 2:43 PM
To: Katie Blakeman; Joe Gordon; Roger Holland; Julia Rietz; Randy Rosenbaum
Cc: John Carleton; Dan Walsh; Keith Cunningham; Nathaniel Cook; Deb Busey; Tami Ogden; Brian Kelly; Steve Ziegler; Steve Ziegler; Brett Lemons; Michael Williams; Jenna Brown; Kirk Kirkland; Lisa A. Leonardo (lisa.leonardo@banfield.net)
Subject: Updated Courthouse Window Replacement
Attachments: Updated Schedule 7.22.2015.xlsx

Katie, Joe, Roger, Julia and Randy,

The attached final schedule has two small change from the July 10' 2015 schedule. Room 255 (windows 71 & 72) will both now be started on Tuesday, August 11, 2015 and Room 254 (window #73) will be started on Monday, July 10, 2015. Please note that we still do not have a start and completion date for the Jury Assembly Rooms on the 1st floor (Room # 184). We have reviewed the Jury schedule for the next two months and there is an opportunity the week of September 7th to perform this work. The other possible opportunity would be to perform the necessary work over several Saturday's between now and the completion of the project. We will keep you appraised as we move forward.

One other issue of note. The Physical Plant staff will be responsible for moving furniture and covering future in each office impacted each week of the schedule. In order to ensure that the offices are ready for window removal and installation on the schedule date, we will need to move furniture the day before the scheduled start date of each room. Employees may be able to access their respective office this same day depending on the amount of furniture must be relocated in each office and the distance between the new location and any window access. We assume this will vary from office to office. We hope this does not cause much inconvenience.

For information purposes, all old and new windows will be taken or placed from the outside of the building. No window frames or glass will be moved into any office inside the Courthouse. This will minimize any issues about blocking hallways, damaging walls, etc..

Our project is scheduled to start next Tuesday, July 28th. We will send out a communication once a week during this project to update folks on our progress and inform staff of any necessary changes that have to occur.

Thanks for everyone's cooperation on this project!

Dana Brenner

Champaign County Facility Director
Brookens Administrative Center
1776 E. Washington Street
Urbana, IL 61802
dbrenner@co.champaign.il.us
(217) 384-3765 office
(217) 493-8547 cell

Champaign Courthouse Window Replacement Project

Wednesday, July 22, 2015

<u>START DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>COMPLETION DATE</u>
Tues., 7/28/15	1st	176	13	8/3/2015
Tues., 7/28/15	1st	177	14	8/3/2015
Tues., 7/28/15	1st	178	15	8/3/2015
Tues., 7/28/15	1st	179	16	8/3/2015

Tues., 7/28/15	1st	176	12	8/3/2015
Tues., 7/28/15	1st	174	11	8/3/2015
Tues., 7/28/15	1st	175	10	8/3/2015
Tues., 7/28/15	1st	175	9	8/3/2015

<u>START DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>COMPLETION DATE</u>
Wed., 7/29/15	2nd	288	46	8/4/2015
Wed., 7/29/15	2nd	288	47	8/4/2015
Wed., 7/29/15	2nd	288	48	8/4/2015
Wed., 7/29/15	2nd	287	49	8/4/2015

Wed., 7/29/15	1st	164	6	8/4/2015
Wed., 7/29/15	1st	163	5	8/4/2015
Wed., 7/29/15	1st	163	4	8/4/2015
Wed., 7/29/15	1st	161	3	8/4/2015

<u>START DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>COMPLETION DATE</u>
Thurs., 7/30/15	2nd	286	50	8/5/2015
Thurs., 7/30/15	2nd	285	51	8/5/2015
Thurs., 7/30/15	2nd	285	52	8/5/2015
Thurs., 7/30/15	3rd	384	84	8/5/2015

Thurs., 7/30/15	1st	Stairs	7	8/5/2015
Thurs., 7/30/15	1st	Stairs	8	8/5/2015
Thurs., 7/30/15	2nd	292	45	8/5/2015
Thurs., 7/30/15	2nd	293	44	8/5/2015

<u>START DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>COMPLETION DATE</u>
Fri., 7/31/15	3rd	385	82	8/6/2015
Fri., 7/31/15	3rd	385	83	8/6/2015
Fri., 7/31/15	3rd	383	85	8/6/2015
Fri., 7/31/15	3rd	382	86	8/6/2015

Fri., 7/31/15	2nd	294	43	8/6/2015
Fri., 7/31/15	2nd	Stairs	42	8/6/2015
Fri., 7/31/15	2nd	Stairs	41	8/6/2015
Fri., 7/31/15	2nd	297A	40	8/6/2015

START				COMPLETION
DATE	FLOOR	ROOM #	WINDOW	DATE
Mon., 8/3/15	3rd	381	87	8/7/2015
Mon., 8/3/15	3rd	381	88	8/7/2015
Mon., 8/3/15	3rd	380	89	8/7/2015
Mon., 8/3/15	3rd	391	81	8/7/2015

Mon., 8/3/15	2nd	297B	39	8/7/2015
Mon., 8/3/15	2nd	297C	38	8/7/2015
Mon., 8/3/15	2nd	297D	37	8/7/2015
Mon., 8/3/15	3rd	346G	76	8/7/2015

START				COMPLETION
DATE	FLOOR	ROOM #	WINDOW	DATE
Tues., 8/4/15	1st	186	17	8/10/2015
Tues., 8/4/15	1st	186	18	8/10/2015
Tues., 8/4/15	1st	181C	19	8/10/2015
Tues., 8/4/15	1st	181C	20	8/10/2015

Tues., 8/4/15	3rd	394E	77	8/10/2015
Tues., 8/4/15	3rd	394D	78	8/10/2015
Tues., 8/4/15	3rd	393	79	8/10/2015
Tues., 8/4/15	3rd	392	80	8/10/2015

START				COMPLETION
DATE	FLOOR	ROOM #	WINDOW	DATE
Wed., 8/5/15	1st	181D	21	8/11/2015
Wed., 8/5/15	1st	181D	22	8/11/2015
Wed., 8/5/15	1st	181D	23	8/11/2015
Wed., 8/5/15	1st	181D	24	8/11/2015

Wed., 8/5/15	2nd	284	53	8/11/2015
Wed., 8/5/15	2nd	283	54	8/11/2015
Wed., 8/5/15	2nd	283	55	8/11/2015
Wed., 8/5/15	2nd	264	63	8/11/2015

START				COMPLETION
DATE	FLOOR	ROOM #	WINDOW	DATE
Thurs., 8/6/15	2nd	281	58	8/12/2015
Thurs., 8/6/15	2nd	281	59	8/12/2015
Thurs., 8/6/15	2nd	281	60	8/12/2015
Thurs., 8/6/15	2nd	281	61	8/12/2015

Thurs., 8/6/15	2nd	263	62	8/12/2015
Thurs., 8/6/15	3rd	375	98	8/12/2015
Thurs., 8/6/15	3rd	373	99	8/12/2015
Thurs., 8/6/15	3rd	372	100	8/12/2015

START DATE	FLOOR	ROOM #	WINDOW	COMPLETION DATE
Fri., 8/7/15	2nd	282	56	8/13/2015
Fri., 8/7/15	2nd	282	57	8/13/2015
Fri., 8/7/15	3rd	379	90	8/13/2015
Fri., 8/7/15	3rd	379	91	8/13/2015

Fri., 8/7/15	3rd	376	94	8/13/2015
Fri., 8/7/15	3rd	376	95	8/13/2015
Fri., 8/7/15	3rd	376	96	8/13/2015
Fri., 8/7/15	3rd	376	97	8/13/2015

START DATE	FLOOR	ROOM #	WINDOW	COMPLETION DATE
Mon., 8/10/15	2nd	263	64	8/14/2015
Mon., 8/10/15	2nd	261	65	8/14/2015
Mon., 8/10/15	2nd	260	66	8/14/2015
Mon., 8/10/15	2nd	259	67	8/14/2015

Mon., 8/10/15	2nd	256	68	8/14/2015
Mon., 8/10/15	2nd	256	69	8/14/2015
Mon., 8/10/15	2nd	256	70	8/14/2015
Mon., 8/10/15	2nd	254	73	8/14/2015

START DATE	FLOOR	ROOM #	WINDOW	COMPLETION DATE
Tues., 8/11/15	2nd	255	72	8/17/2015
Tues., 8/11/15	2nd	255	71	8/17/2015
Tues., 8/11/15	2nd	253	74	8/17/2015
Tues., 8/11/15	2nd	251	75	8/17/2015

Tues., 8/11/15	3rd	367	101	8/17/2015
Tues., 8/11/15	3rd	366	102	8/17/2015
Tues., 8/11/15	3rd	365	103	8/17/2015
Tues., 8/11/15	3rd	360	104	8/17/2015

START DATE	FLOOR	ROOM #	WINDOW	COMPLETION DATE
Wed., 8/12/145	3rd	360	105	8/18/2015
Wed., 8/12/145	3rd	360	106	8/18/2015
Wed., 8/12/145	3rd	359	107	8/18/2015

Wed., 8/12/145	3rd	359	108	8/18/2015
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Wed., 8/12/15	3rd	358	109	8/18/2015
Wed., 8/12/15	3rd	357	110	8/18/2015
Wed., 8/12/15	3rd	353	111	8/18/2015

<u>START</u>				<u>COMPLETION</u>
<u>DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>DATE</u>
Thurs., 8/13/15	4th		120	8/19/2015
Thurs., 8/13/15	4th		121	8/19/2015
Thurs., 8/13/15	4th		122	8/19/2015
Thurs., 8/13/15	4th		123	8/19/2015

Thurs., 8/13/15	4th		117	8/19/2015
Thurs., 8/13/15	4th		114	8/19/2015
Thurs., 8/13/15	4th		115	8/19/2015
Thurs., 8/13/15	4th		116	8/19/2015

<u>START</u>				<u>COMPLETION</u>
<u>DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>DATE</u>
Fri., 8/14/15	4th		112	8/20/2015
Fri., 8/14/15	4th		113	8/20/2015
Fri., 8/14/15	4th		118	8/20/2015
Fri., 8/14/15	4th		119	8/20/2015

Fri., 8/14/15	4th		127	8/20/2015
Fri., 8/14/15	4th		126	8/20/2015
Fri., 8/14/15	4th		125	8/20/2015
Fri., 8/14/15	4th		124	8/20/2015

<u>START</u>				<u>COMPLETION</u>
<u>DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>DATE</u>
Mon., 8/17/15	1st	155	1	8/21/2015
Mon., 8/17/15	1st	156	2	8/21/2015
TBD	1st	184	25	TBD
TBD	1st	184	26	TBD

Mon., 8/17/15	3rd	378	92	8/21/2015
Mon., 8/17/15	3rd	378	93	8/21/2015
TBD	1st	184	27	TBD
TBD	1st	184	28	TBD

<u>START</u>				<u>COMPLETION</u>
<u>DATE</u>	<u>FLOOR</u>	<u>ROOM #</u>	<u>WINDOW</u>	<u>DATE</u>
TBD	1st	184	31	TBD
TBD	1st	184	32	TBD

TBD	1st	184	33	TBD
TBD	1st	184	34	TBD

TBD	1st	184	35	TBD
TBD	1st	184	36	TBD
TBD	1st	184	29	TBD
TBD	1st	184	30	TBD



CHAMPAIGN COUNTY ADMINISTRATIVE SERVICES

1776 East Washington Street, Urbana, Illinois 61802-4581

*ADMINISTRATIVE, BUDGETING, PURCHASING & HUMAN RESOURCE
MANAGEMENT SERVICES*

Debra Busey, County Administrator

MEMORANDUM

TO: Gary Maxwell, Chair and Members of the County Facilities Committee

**FROM: Dana Brenner, Director of Facilities
Deb Busey, County Administrator**

DATE: July 30, 2015

RE: Recommendation for FY2016 Budget for Facilities

We are in the process of preparing the FY2016 Budget for presentation to the County Board at the end of August. We would make the following recommendation to your committee for the establishment of the FY2016 budget for capital facilities projects.

1. Maintain the budget for facilities capital projects as established in FY2014 and FY2015 at \$532,261 as a transfer from the General Corporate Fund to the Capital Asset Replacement Fund Facilities Budget. We acknowledge that we have not yet identified specific projects to be completed in FY2016 as we are waiting for the Facilities Condition Assessment Report which is expected to be presented to you no later than December. At the point of receipt of that report, the projects to be completed in FY2016 would be prioritized based upon the report. It is possible, the \$532,261 will not fully fund the highest priority projects, but at this time it is our recommendation that we at least maintain this minimum level of funding.
2. Maintain the budget for Courthouse capital projects as established in FY2015 at \$255,000 in the Courts Construction Fund. Similar to the issues cited in #1 above, we will not know specifically what projects may be necessary for the Courthouse until we receive the Facilities Condition Assessment, but recommend maintaining the current level of appropriation in FY2016 for projects impacting the Courthouse. There are adequate fund reserves in the Courts Construction Fund to cover this appropriation in FY2016.

RECOMMENDED ACTION:

The County Facilities Committee directs the Facilities Director and County Administrator to prepare the FY2016 Budget for capital facilities projects with a budget of \$532,261 in the FY2016 Capital Asset Replacement Fund Facilities Budget funded through a transfer from the General Corporate Fund; and a budget of \$255,000 in the FY2016 Courts Construction Fund for Courthouse related projects.

Thank you for your consideration of this recommendation.