

1979

# A Three Year Maintenance Schedule for the Junior-Senior High School Building of the Beecher City School District

George M. Kohut  
*Eastern Illinois University*

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Author

A THREE YEAR MAINTENANCE SCHEDULE  
FOR THE JUNIOR-SENIOR HIGH SCHOOL BUILDING  
OF THE BEECHER CITY SCHOOL DISTRICT

(TITLE)

BY

GEORGE M. KOHUT

**THESIS**

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF

EDUCATIONAL SPECIALIST

IN THE GRADUATE SCHOOL, EASTERN ILLINOIS UNIVERSITY  
CHARLESTON, ILLINOIS

1979  
YEAR

I HEREBY RECOMMEND THIS THESIS BE ACCEPTED AS FULFILLING  
THIS PART OF THE GRADUATE DEGREE CITED ABOVE

\_\_\_\_\_  
DATE

7-12-79  
DATE

AN ABSTRACT  
A THREE YEAR MAINTENANCE SCHEDULE  
FOR THE JUNIOR-SENIOR HIGH SCHOOL BUILDING  
OF THE BEECHER CITY SCHOOL  
(TITLE)

BY

GEORGE MICHAEL KOHUT

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\_\_\_\_\_  
DATE

\_\_\_\_\_  
ADVISER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DEPARTMENT HEAD

There are two purposes of this field study. The first purpose of the field study is to predict the anticipated revenues available in the building fund of the Beecher City school district. The prediction includes building and life safety monies available through the end of the 1984 fiscal year. The main purpose of the field study is to provide a schedule for maintaining and refurbishing the junior-senior high school building for the school years of 1979, 1980, and 1981.

The field study is divided into four chapters. The first chapter conservatively predicts the assessed valuation that the school district can expect to the end of the fiscal 1984 school year. Included in chapter one is the anticipated revenues that the Beecher City school district can expect in the building fund.

Chapter two includes bids on exterior and interior improvements, anticipated during the 1979-1980 school year. Included in chapter two are bids on the parking lot expansion, front entrance door replacement, gymnasium exit door replacement, installation of drainage tile, and the replacement of the front steps and walk. Also included in chapter two are bids on paint, replacement parts for the lockers in the boys locker room, shower head replacement, retiling room 109, replacement of all interior locks, replacement of the dishwasher and the exhaust hood in the kitchen, and the replacement of all tables in the library.

Chapter three includes bids on the replacement of the stage curtains, the replacement of the gymnasium lighting, the replacement of library chairs, the purchase of three study carrels, and the purchase of additional library shelving.

Chapter four contains bids for the installation of a dust collection system for the industrial arts and agriculture shop area.

The field study contains two appendixes. The first appendix contains a list of all contractors who bid on the various items in the field study. The second appendix is a documented log of all accomplished activities in the preparation of the field study.

The field study is fifty four pages in length.

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## INTRODUCTION

The Beecher City Community Unit School District #20 is located in Effingham, Shelby, and Fayette counties. The school district is a consolidation of the towns of Beecher City and Shumway. The district's 1978-79 pupil enrollment was 502 students. The district encompasses one hundred and one square miles.

Philosophically, the district is conservative. The building and education fund have always shown a surplus of revenue at the end of the fiscal year. Even though the assessed valuation increased from \$12,470,969 in 1975 to \$17,898,702 in 1976 was not contemplated, the district still realized a surplus of overall monies of over \$130,000 at the end of the 1978 fiscal year.

The district's conservative approach to education and wise money management policies is shown in the fact that the district lost over \$240,000 in state aid monies during the 1978-79 school year and still managed to maintain a surplus of over \$130,000. The district's conservative approach to education has made the district one of the most financially sound school districts in Effingham county.

A life safety tax was initiated during the 1978-79 school year. With wise management of funds and additional available monies from the life safety levy, the district has a surplus of over \$30,000 in the building fund.

## PURPOSE OF FIELD STUDY

Fortunately, the Beecher City school district has a surplus of over \$30,000 in the building funds. Unfortunately, a building maintenance schedule has never been established for any of the buildings in the unit. There are two purposes for this field study.

1. A conservative prediction is made showing the anticipated revenue available in the building fund. The prediction includes building fund and life safety monies available through the end of the 1984 fiscal year.
2. The main purpose of the field study is to provide a schedule for maintaining and refurbishing the junior-senior high school building for the school years of 1979, 1980, and 1981.

With the establishment of the life safety fund, the district should realize at least an additional \$8,900 in additional revenue per year. Consequently, a surplus in the building fund can still be maintained. This proposal of maintaining and refurbishing the junior-senior high school building will span a three year period. Approximately \$35,000 will be proposed for the improvement of the physical setting of the junior-senior high school building.

CHAPTER I  
ANTICIPATED REVENUE

As of June 1, 1979, the balance in the building fund was \$38,500.00. A complete breakdown of the building fund ending balance is as follows.

Table I

Surplus	\$7,953.95
Investments	30,000.00
Interest on Investments	546.05
Total	<u>\$38,500.00</u>

The Beecher City Community Unit School District's assessed valuation has increased during a five year period by 42.8% or an annual increase of 8.5%. The complete assessed valuation from 1973 to the estimated 1978 assessed valuation is listed below.

Table II

<u>Year</u>	<u>Assessed Valuation</u>
1973	\$12,050,223
1974	12,690,017
1975	12,470,969
1976	17,898,707
1977	17,212,941
1978 (Estimated)	17,944,441

Conservatively, if the assessed valuation increases at one half the average of the past five years surveyed or 4.25%, one can expect the following assessments for the next five years.

Table III

<u>Year</u>	<u>Increase</u>	<u>Total</u>
1979	\$762,638	\$18,707,080
1980	795,051	19,502,130
1981	828,841	20,330,970
1982	864,066	21,195,036
1983	900,789	22,095,825

If the present \$.375 per \$100 of assessed valuation and the rate of \$.05 per \$100 of assessed valuation continues, one can expect the following revenues in the building fund for the next five years, if the assessed valuation increases by an annual 4.25%.

Table IV

<u>Year</u>	<u>A/V</u>	<u>Taxes</u>	<u>Life Safety</u>	<u>Total</u>
1979	\$17,944,441	\$67,292	\$ 8,972	\$76,264
1980	18,707,080	70,152	9,353	79,505
1981	19,502,130	73,133	9,751	82,884
1982	20,330,970	76,241	10,165	86,406
1983	21,195,036	79,481	10,598	90,079

At the end of the fiscal 1978-79 school year, the Unit #20 district had a current balance of \$30,546.05. If one combines the 1979 estimated revenue with the surplus of monies and the end of the 1979 school year, the district should expect to have a total budget of \$106,810.05 of monies during the 1979-80 school year.

As previously stated, I will recommend to the Board of Education a three year budget proposal for the maintenance of the junior-senior high school building.

CHAPTER II

Year One  
1979-1980 School Year

Outside Improvements

The parking lot

The parking area north of the junior-senior high school building must be expanded to meet the needs of the building. One hundred and twenty five tons of rock have been delivered. The cost of rocking the parking lot is \$1,000 delivered from Carlen's Fertilizer Plant of Altamont, Illinois.



The northeastern area of the building

The northeastern part of the building floods during the spring months. The area will be tiled and three drop boxes will be installed. The cost of the six inch perforated tile is \$.455 per foot. The drop boxes are ten dollars each. The total cost of three hundred feet of six inch perforated tile and three drop boxes is \$166.50. Dave Maupin of Altamont submitted the oral bid.



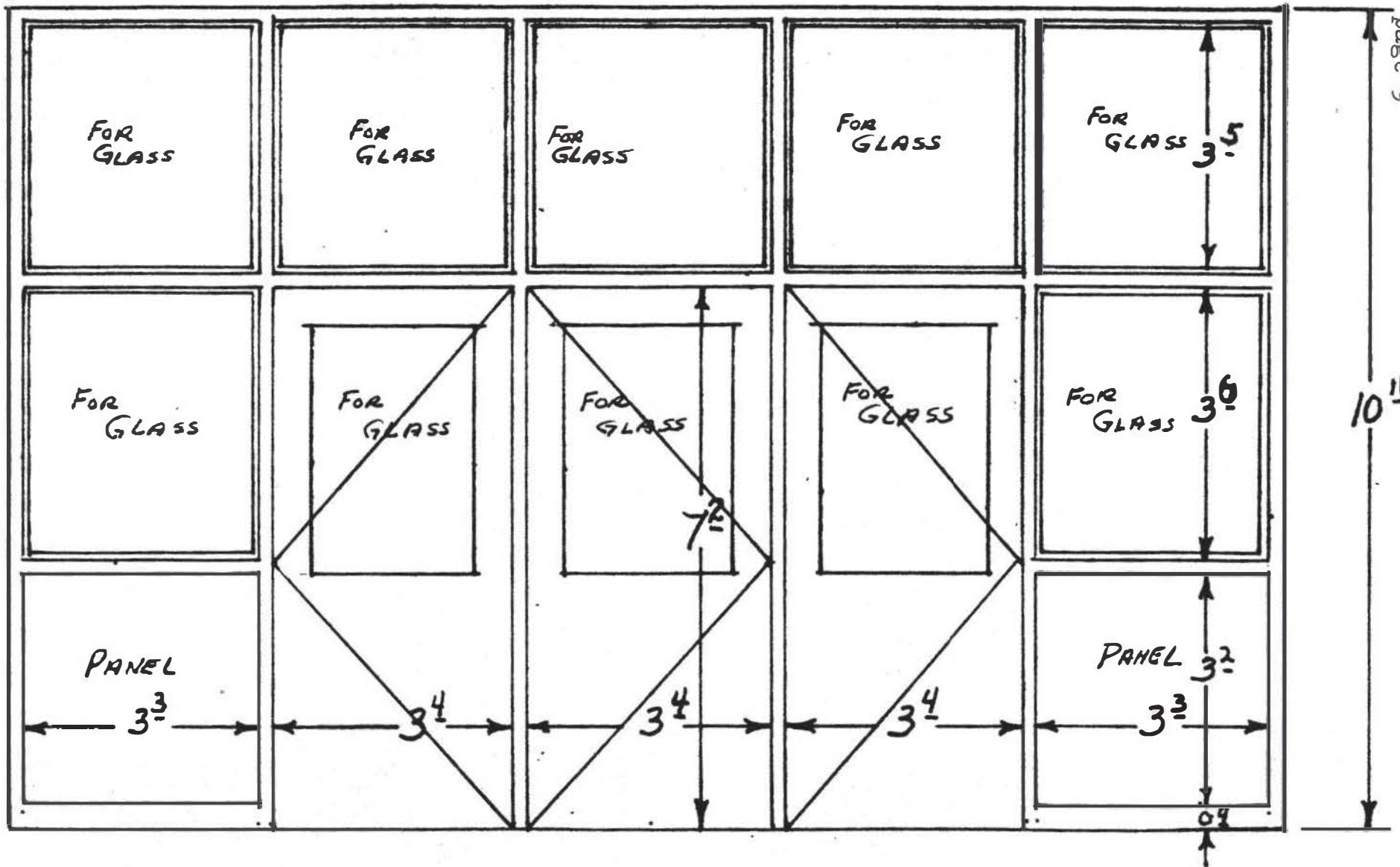
The front doors

The present front entrance of the building has been repaired to the maximum extent which is economically feasible. Replacement of the front doors is the only feasible alternative. The cost of the material for replacing the five door entrance with a three door entrance is \$2,851,55 (refer to illustration 1). Effingham Builders Supply was the only company to bid on the cost of the materials only.

Bids were advertised in the Effingham Daily News and The Beecher City Journal. Only Hogge Lumber Company of Beecher City submitted an oral bid of \$4,782.00 complete. Don Wetherall of Shumway, Shelbyville Lumber Company, and Steve Reed of Beecher City were personally contacted to submit bids. All have failed to provide the needed documentation.







SCALE 1/2 INCH = 1'-0"

SUGGEST 3 DOOR ENTRANCE

MAIN ENTRANCE TO BEECHER CITY HIGH SCHOOL

DATE  
7-12-72

DRAWN BY  
RWY

SHEET -

1

OF - 1

ILLISTRATION 1  
BEECHER CITY COMMUNITY UNIT SCHOOL DISTRICT

BEECHER CITY HIGH SCHOOL

Suggested Immediate Hardware Needs:

Wood Doors Off Shop Area

2 only	12" #2597 US26D Flush Bolts	)	
2 only	#100-3H SBL Closers SNB	)	\$ 78.70

Gym Entrance - Interior

1 only	#100-3 SBL Closers SNB	)	
1 only	#762ONL US26D Von Duprin Pull only	)	47.24

Gym Doors - Exterior

4 only	#P100-4 SBL Closers SBN	)	
2 sets	3070 DS-75 Jamb-up Weatherstrip	)	140.50

(Right Hand) Interior Vest. Doors

1 only	#P100-4 SBL Closers SNB	)	33.00
--------	-------------------------	---	-------

New Janitor (Storage) and Classroom Doors

6 only	#9512 US26D Mortise Dead Locksets	)	
18 only	#700-9555 US26D Mortise Classroom Locksets (Master Keyed)	)	1,217.70

Hardware for Front Doors (3 Doors only, instead of 5 Doors)

4 1/2 pair	BB5101-A NRP US26D 4 1/2 x 4 1/2 Butts	)	
3 only	#P100-5 SBL Closers	)	
3 only	#CD88NL US26D Rim Panic - Von Duprin (Master Keyed)	)	
6 sets	DS-78 3070 Jamb-up Weatherstrip	)	1,157.55
3 only	6" 40" S206 Aluminum Thresholds	)	
3 sets	3472 DS-78 Jamb-up Weatherstrip	)	
3 only	40" 323N Door Sweeps	)	

Front Entrance

1 only	17'6" x 10'11" 3 Door Wide Entry Galv. Welded Redi to Install (See Shop Drawings, page #1)	)	
	Glass - 1/4" Clear Wire (Not Installed)	)	
	Incl. 5 pcs. 39" x 41"	)	
	2 pcs. 39" x 42"	)	
	3 pcs. 27-15/32" x 39-1/4"	)	1,694.00

TOTAL . . . . . \$4,368.69

The northeastern exit doors of the gymnasium

Again replacement of the two exit doors is the only remedy to an extremely dangerous situation. The two exit doors will not close properly. The eastern most door will not open at all. This is in direct violation of the life safety code. Effingham Builders Supply was again the only company to submit an oral bid on materials. The bid is \$855.00. Local personnel will install the above mentioned exit doors of the gymnasium.

The front steps

The front steps of the building are crumbling and in disrepair. A troxymite covering failed miserably to correct the situation. A bid of \$2484.40 from Monroe Bartels of Effingham was submitted for removing the existing walk and steps and replacing the existing walk and steps (refer to Illustration 2, page 12).



# Proposal

**MONROE BARTELS, INC.**  
**Concrete Contractors**  
 Rte. 3 Effingham, IL 62401  
 888-2824 or 888-2837

PROPOSAL SUBMITTED TO <b>Beecher City High School</b>		PHONE <b>487-5117</b>	DATE <b>March 22, 1979</b>
STREET		JOB NAME	
CITY, STATE AND ZIP CODE <b>Beecher City, Il. 62414</b>		JOB LOCATION <b>High School Dist #194</b>	
ARCHITECT	DATE OF PLANS	JOB PHONE	

We hereby submit specifications and estimates for:

Estimate on removing existing walk & steps at front entrance	
8 hrs. Backhoe & impact	\$ 304.00
8 hrs. Dump truck	176.00
16 hrs. Labor	205.00
New stoop, steps, & sidewalk at front entrance	
18'x14' with 3-7" riser 15" tread & 1/2" rods at 12" O.C.	1800.40
<b>Total</b>	<b>\$2484.40</b>

Note: All concrete 6 bag mix.

This is a estimate. Monroe will meet with you if this is about want they want.

We propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of: \_\_\_\_\_ dollars (\$ \_\_\_\_\_).

Payment to be made as follows:

Within 30 days after completion of each of the above items.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. Not responsible for scaling concrete due to salt damage or for plastic shrinkage in basement floors.

Authorized Signature \_\_\_\_\_

Note: This proposal may be withdrawn by us if not accepted within 30 days.

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

In conclusion

The total cost of refurbishing and maintaining the exterior of the junior-senior high school building is as follows:

Parking area	\$1000.00
Drainage problem	166.65
Front doors	4782.00
Gymnasium doors	855.00
Front steps	2484.00
Total	<u>\$9287.65</u>

Interior ImprovementsPainting

The first area of improvement will be repainting room 114, the library, the boys locker room, the high school office, the superintendent's office, all lockers in the old addition of the building, and the hallways in the old addition of the building.

Hogge Lumber of Beecher City, Thies Paint of Effingham, and Pana Paint of Pana submitted bids on supplying the paint for the Beecher City schools. Pana Paint of Pana, Illinois was awarded the contract for supplying the school district with the needed paint for the 1979-1980 school year (refer to Illustrations 3, 4, and 5).

On the following page is a list of the areas of the building to be painted, the square footage of each area, the quantity needed, the color and color number of the paint that has been ordered for the summer of 1979.

Since the janitorial staff will not be able to paint all the areas listed in this field study and perform their scheduled tasks, the hallways, lockers, high school office, and the superintendent's office will be painted by Mr. Dave Cunningham at a cost of \$300.00.

The total cost of repainting the following areas of the building is \$768.97.

## High School Paint

LOCKERS - Gloss Enamel

<u>Square Footage</u>	<u>Quantity</u>	<u>Color</u>	<u>Color Number</u>	<u>Cost</u>
260	1 gallon	Spectrum Yellow	3043-2 B	\$12.44
260	1 gallon	Real Blue	5090 N	12.44
260	1 gallon	Envy's Eye	3568 B	12.44
260	1 gallon	Flame	6123 B	12.44

HALLWAYS - Glamour Latex Semi-Gloss

3626.25	12 gallons	Horizon Blue	4507	126.36
---------	------------	--------------	------	--------

ROOM 114 - Glamour Latex Semi-Gloss

591.5	2 gallons	Inland Sea	4565	21.06
-------	-----------	------------	------	-------

LIBRARY - Glamour Latex Semi-Gloss

1256	5 $\frac{1}{2}$ gallons	Patent Yellow	5571	57.92
------	-------------------------	---------------	------	-------

H.S. OFFICE - Glamour Latex Semi-Gloss

1201	4 $\frac{1}{2}$ gallons	Sunburst yellow	3041	47.39
------	-------------------------	-----------------	------	-------

SUPERINTENDENTS OFFICE - Glamour Semi-Gloss

592	2 gallons	Peach Parfay	54X	21.06
-----	-----------	--------------	-----	-------

BOYS RESTROOM - Gloss Enamel

450	2 gallons	Anterp Blue	5071	24.88
-----	-----------	-------------	------	-------

LOCKER ROOM - Epoxy

639	2 gallons	Aqua Sky	4599	45.90
-----	-----------	----------	------	-------

LOCKER ROOM - Enamel

1110.5	6 gallons	Aqua Sky	4599	<u>74.64</u>
--------	-----------	----------	------	--------------

TOTAL

\$ 468.97



# Pana Paint Store

119 S. Locust  
PANA, ILL. 62557

Bruning — Pittsburg — Fuller/O'Brien

RECEIVED  
APR 20 1979  
G E MILLER

April 26, 1979

Superintendent of Schools  
Beecher City  
Beecher City, Illinois

Dear Mr. Miller:

Thank you for considering us in the purchase of paint for the renovation of your schools this year. Enclosed I have listed some of the items that you may desire to use and their cost to your district.

- MAB Glamour latex semi gloss \$10.51  
(I personally think this to be one of the finest products on the market.)
- Fresh Kets latex semi gloss \$9.32
- ROL gloss enamel--rust inhibitor \$12.44  
(This product has a high tolerance to chemicals and general abuse)
- Alkyd primer \$8.95  
(This is a fine product to use under almost anything. It provides good adhesion for any type of top coat. Better than any of the latex type materials.)
- Alkyd enamel \$9.08  
(A respectable product but not in the same class as the ROL.)
- Epoxy \$22.95  
(This should be used in the shower and all food areas. Shelbyville High several years ago used an epoxy type paint in the halls. It has held up well but it would require considerable prep work and really may not offer enough advantages to offset the cost variable.)

All other sundry items that would be used in application or general clean up we will offer 22% discount.

I appreciate the opportunity of serving you.

Sincerely,



DATE \_\_\_\_\_

Bright life Classrooms.  
10.95 per gal Latex Semi Gloss  
Enamel

Bright life Alkyd Semi Gloss  
Enamel.  
11.25 per gal.

Tough Coat High Gloss Enamel.  
\$14.00 per gal.

Surface Prep -  
6.85 per gal

PONDER EQUIPMENT CO.

P. O. Box 186  
Charleston, Mo.

BOB MORGAN

Sales Representative

Office 314-683-6051

Home 314-683-4500



**HOGGE LUMBER COMPANY**

Lumber and Other Building Material

W. B. &amp; MARY G. HOGGE, OWNERS

Area Code 618  
Phone 487-5137

Beecher City, Illinois 62414

PAINT PROPOSAL  
B. CITY UNIT 20 SCHOOLS

# 245 LATEX FLAT PAINT READY MIXED COLORS  
 REG PRICE 12<sup>75</sup> GAL.  
 SCHOOL PRICE # 10.70 GAL  
 COVERS 400 SQ FT. PER GALLON

---

# 245 TINTED COLORS  
 REG. PRICE 14<sup>45</sup> GAL  
 SCHOOL PRICE 11<sup>55</sup> GAL  
 400' PER GALLON

---

# 265 LATEX SEMI-GLOSS READY MIXED COLORS  
 REG. PRICE 15.95 GAL.  
 SCHOOL PRICE 12.75 GAL.  
 450 SQ FT PER GAL.

---

# 265 SAME IN TINTED COLORS  
 REG. 17.95 GAL  
 SCHOOL 14.35 GAL  
 450 sq ft per GAL.

The boys locker room

The lockers in the boys locker room are in need of repair. Interior Locker Specialist of St. Louis, Missouri is the only dealership in our area that carries Medart locker replacement parts. The cost of repairing the lockers in the boys locker room is \$592.90 (refer to Illustration 6).



Illustration 6

3 - 6 TIER W/GRILED FRONTS 12" x 72" (12")  
WITH LEGS DESERT BEIGE @ 57.85 EA.

3 - 2 TIER STANDARD LOUVERS 12" x 72" (36")  
W/LEGS D. BEIGE @ 49.75 EA

6 - 12" x 15" LOCKER BOTTOMS @ 4.20 EA

12 - MD 4132 DOORSTOPS W/BUMPER @ 2.25 EA

12 - ME 3768 HANDLES @ 6.15 EA.

400 - NUTS & BOLTS (SLOTLESS) @ .13 EA

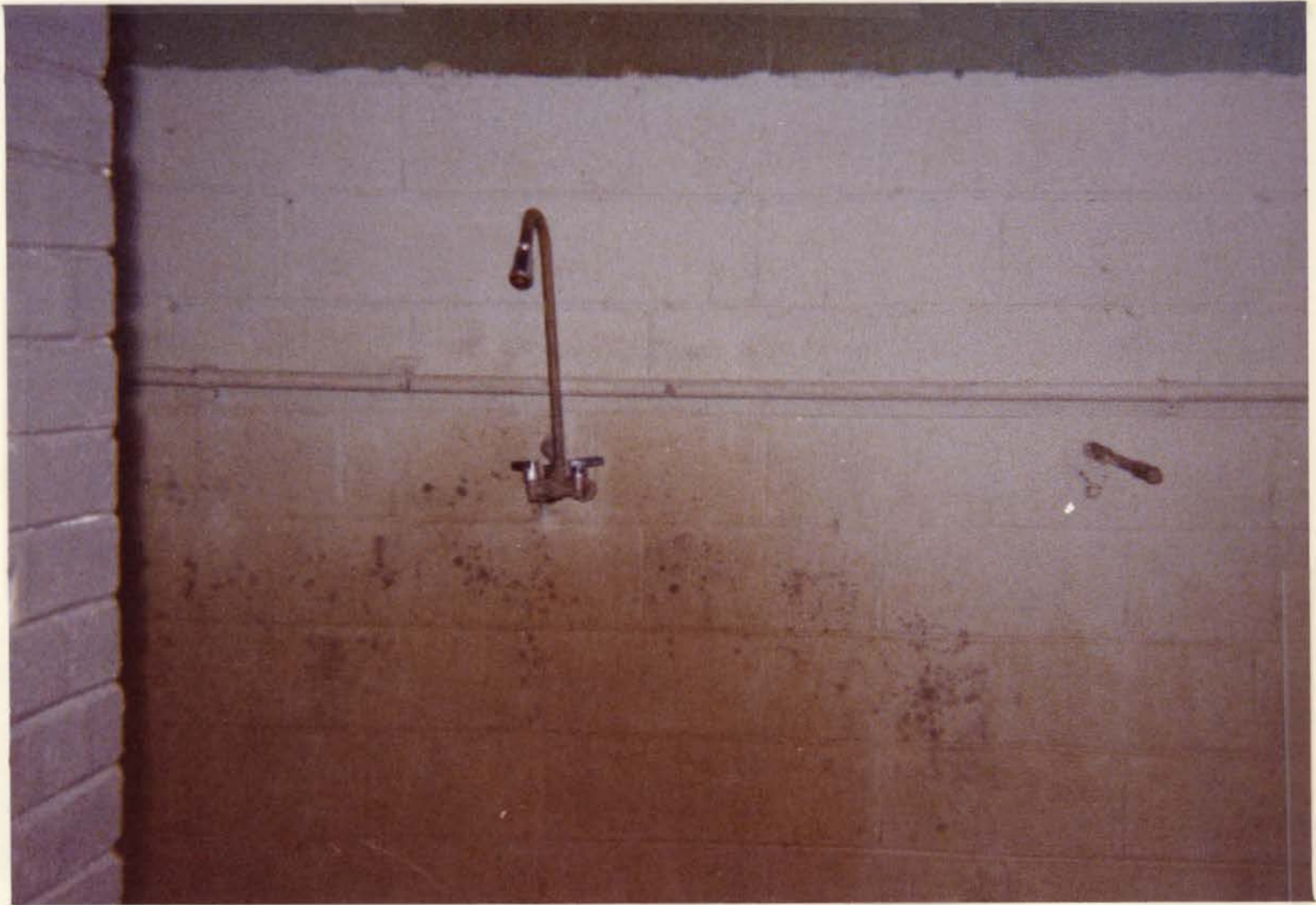
2 - END PANELS (FLAT TOP) 15" D. x 72" H (1R; 1L) @ 33.75 EA

12 - HANDLE SCREWS @ .25 EA.

12 - SPRINGS, ROLLERS & RIVETS @ 1.80 EA

TOTAL! \$592.90

All shower heads must be replaced. Two are completely in disrepair and the other three are leaking badly. The cost of one shower head replacement is \$22.95. Boos Heating and Plumbing of Effingham, Illinois will replace the existing shower heads. The total cost of replacing the shower heads is \$114.75



Room 109

Approximately fifty floor tiles are missing in room 109. Since there are no replacement tile available of that specific color, we plan to salvage as many tiles as possible for tile replacement throughout the building and completely retile room 109.

Effingham Builders Supply and Hogge Lumber Company submitted bids for replacing the tile in room 109. Since Hogge Lumber Company of Beecher City submitted the lower bid, Hogge Lumber Company was given the bid (refer to Illustrations 7 and 8).

Seven hundred and fifty six square feet of flooring tile is needed to cover the floor in room 109. A carton of tile contains forty five square feet of vinyl asbestos tile. Two extra cartons of tile were ordered for future replacement needs. Five gallons of adhesive were ordered. The total cost of retiling room 109 is \$472.35.

Interior locks

All interior door locks are illegal according to life safety standards. Since the present locking mechanisms cannot be opened from inside the room without a key, life safety regulations are being violated. Eighteen locks need to be installed to meet life safety standards. Effingham Builders Supply submitted the bid of \$1217.70 to replace all dead bolt locking mechanisms.

The total cost of replacing all interior door locks is \$1217.70 (refer to Illustration 1, page 10).

The cafeteria

Two immediate projects that must be completed during the 1979-1980 school year are the replacement of the exhaust hood and


**Bass & Company**

Quality Millwork &amp; Building Materials

FLOOR TILE HIGH SCHOOL.

1/8" VINYL ASBESTOS TILE 12" X 12"

45 SQ FT PER CARTON (MUST BE  
ORDERED IN FULL CARTONS)

PRICE

STANDARD COLORS V'	50¢ SQ FT.
PEBBLED-ONYX	60¢ " "
TRAVERTINE	60¢ " "

ADHESIVE

ALL WAX MUST BE STRIPPED FROM  
OLD TILE - BROKEN TILE REMOVED  
AND REPLACED & HOLES FILLED

USE BRUSH ON ADHESIVE

250 SQ FT PER GAL. COVERAGE

1 GAL 8.95  
3 1/2 GAL CAN 17.90  
26.95

# BUILDING MATERIALS ESTIMATE — QUOTATION

Effingham Builders Supply Co. ●

Phone 217-342-3961

EFFINGHAM, ILL.

4-23

1979

MR. Beecher City High School

Beecher City Illinois

Prices Are Current and Are Not Guaranteed Indefinitely!—Clerical Errors Subject to Correction.

840	square ft 12x12x1/8 Kentile V A tile	.55 ea	\$ 462.00
-----	---	--------	-----------

*Estimate only.*

the replacement of the dishwasher.

Since a non-food assistance grant is being applied for, the kitchen equipment was advertised in the official southern Illinois paper, The Southern Illinoian. The Anchor Company of New York and Bensinger's of St. Louis, Missouri were the only companies to seek a bid sheet (refer to Illustration 9). Only Bensinger's of St. Louis submitted a bid and preliminary equipment schedule (refer to Illustrations 10 and 11).

The cost of replacing the dishwasher is \$2497.00. The cost of replacing the exhaust hood is \$1058.00 less labor. \$500.00 is budgeted for wiring, duct work, ceiling supports, and fire control or exhaust fans. The total cost of kitchen replacement for the 1979-1980 school year is \$4055.00.

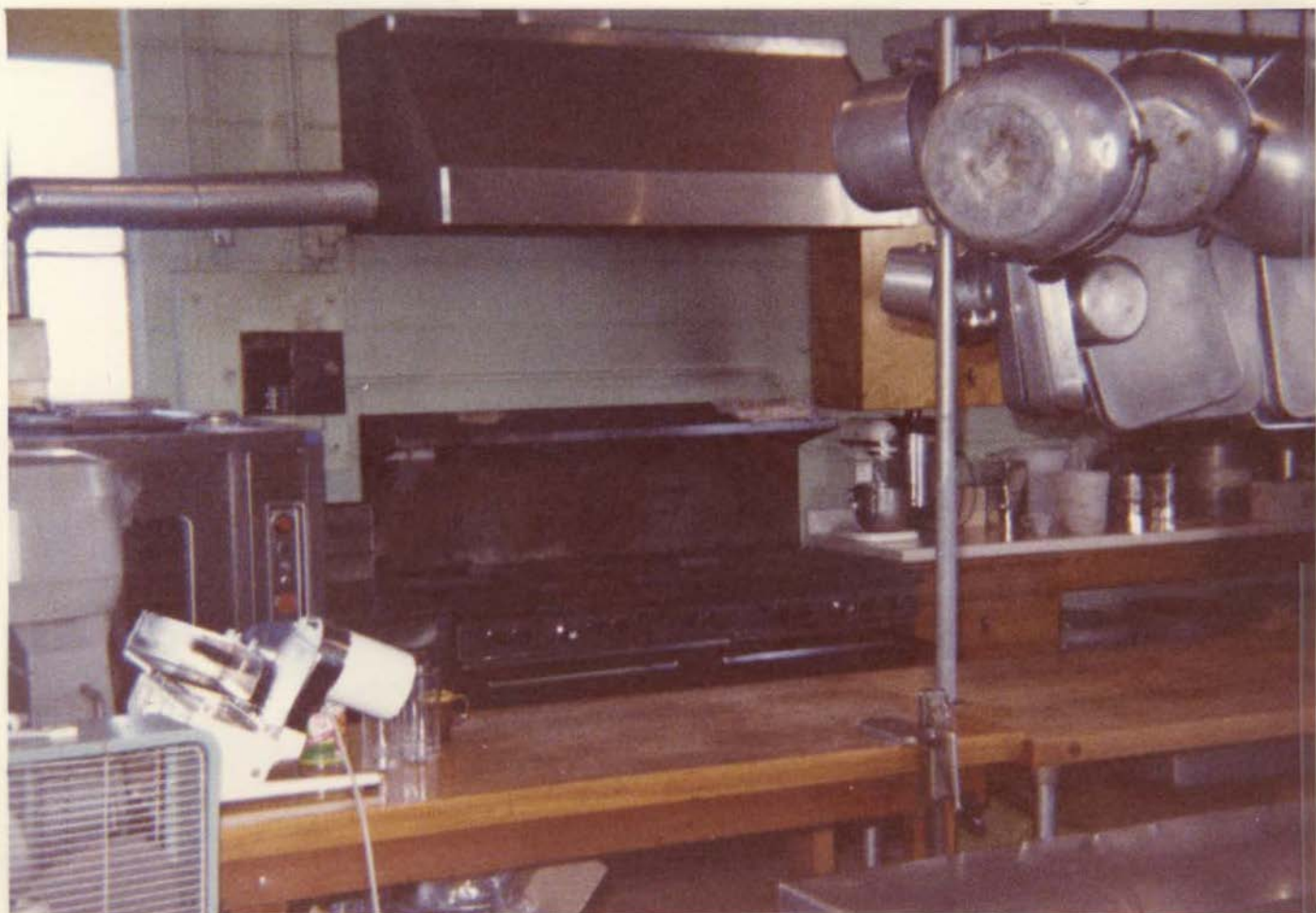




Illustration 9  
SPECIFICATION AND BID SHEET

FOOD SERVICE EQUIPMENT

Beecher City High School  
Box 98, Highway 33 West, Beecher City, Illinois 62414

Specifications for requested equipment	Quantity	Unit Price	Total
One (1) only Hobart, Model AM-12 Dishwasher, gas heated with regulated gas burner, plus booster heater, to meet legal specifications, as per manufacturer's standard specifications or equivalent.	1		
SEE ATTACHMENT	1		
One (1) only Vulcan Hart, Model 36L-77R, Range, as per manufacturer's standard specifications---or equivalent.	1		
One (1) only Vulcan Hart, Model 7594G, Gas Fryer, as per manufacturer's standard specifications---or equivalent.	1		
One (1) Seco, Model PAX-3028, Heated Pan Carrier, as per manufacturer's standard specifications---or equivalent.	1		
One (1) only Vulcan Hart, Model 7891G, Gas Fryer, as per manufacturer's specifications---or equivalent.	1		
One (1) only Exhaust Hood, approximately 9'6" x 3'6" x 2'2" high, galvanized iron, custom built with U.L. approved lights and aluminum grease extractors.	1		
One (1) only Exhaust Hood, approximately 5'0" x 3'0" x 2'2" high, galvanized iron, custom built with U.L. approved lights and aluminum grease extractors.	1		
Six (6) only SICO Prepster Mobile Tables with 16 seats; seats, 16" height, Table, 28" height---or equivalent.	6		

UNIT SHALL MEET ALL REQUIREMENTS OF UL and USF AND SHALL BEAR THEIR SEALS OF APPROVAL.

All prices are to be quoted FOB destination, delivered and set in place.

Company Name

Address

This is to certify that the undersigned is in compliance with the rules and regulations of the Fair Employment Practices Commission.

\_\_\_\_\_  
Signature of firm representative

- Section 1. To be "L" shaped, approximately 5'0" x 6'6".
- Section 2. Pot sink with three 24" x 24" compartments, to be integral part of clean dish table.
- Section 3. Clean dish table and pot sink, "L" shaped, approximately 6'0" x 8'6". (Drawing furnished on request)

Illustration 10

# Bensinger's

QUALITY FOOD SERVICE EQUIPMENT &amp; SUPPLIES

8543 PAGE AVE. ST. LOUIS, MO. 63114 314/426-5100

Page 2

Beecher City High School  
Beecher City, Illinois

## Beecher City High School

Item 1. One (1) only Vulcan Hart, Model 78910, Gas Fryer, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 628.00

Item 2. One (1) only Groen, Model TDD/7-20, Kettle with a Model TS/6 Stand, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 1,576.00

Item 3. One (1) only Duke, Model 7201-3630, Work Table, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 150.00

Item 4. One (1) only Duke, Model 7121-6030, Maple Top Work Table, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 181.00

Item 5. One (1) only Duke, Model 700, Galvanized Iron Pot Rack, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 132.00

Items 6, 7 &amp; 8. Soiled and Clean Dishtables with pot sink, No. 14 gauge stainless steel tops, galvanized iron tubing legs, stainless steel undershelf below soiled dishtable, lever handle drains on pot sink and two (2) faucets at pot sink. One (1) only T &amp; S, Model B-113, Pre-Pinse Spray and a Model No. B-109 bracket.

Price -----F.O.B. Destination, direct factory shipment -----\$ 2,827.00

Item 9. One (1) only Hobart, Model AM-12, Dishwasher, gas heated with regulated gas burner, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 2,497.00

Continued -

## CONDITIONS OF SALE AND DELIVERY

Delay or failure of performance on our part shall be excused if our normal manufacturing operations are affected or prevented by strikes, lockouts, Act of God, Acts of the Government, civil or military authorities, material shortages, delays or public carriers, fire, theft, accident, or any cause beyond our control. We assume no responsibility for damage on account thereof. Orders taken subject to above conditions are not cancellable.

Where refrigeration warranty and service are part of contract, this service shall be provided during normal working hours by established refrigeration service agents. Bensinger's, Inc. shall not be responsible for any food spoilage for any reason whatsoever.

All down payments must be received by Bensinger's, Inc. prior to delivery of equipment. Where credit is extended and/or merchandise is sold subject to Conditional Sale Contract or Chattel Mortgage, the following legal instruments must be properly executed and received by Bensinger's, Inc. prior to delivery of merchandise:

1. Uniform Filing Statements
2. Security Agreement, Conditional Sales Contracts or Chattel Mortgage as required
3. Schedule 'A' Attachments
4. Landlord's Consent
5. Copy of Corporate Minutes where required
6. Such Promissory Note or Notes as may be required
7. Certificate of Insurance

BENSINGER'S, INC.

Illustration 10

# Bensinger's

QUALITY FOOD SERVICE EQUIPMENT &amp; SUPPLIES

8543 PAGE AVE. ST. LOUIS, MO. 63114 314/426-5100

Page 3

Beecher City High School  
Beecher City, Illinois

Item 10. One (1) only Nor-Lake Walk-In Freezer, approximately 6'0" x 6'0" x 7'6" high, galvanized iron interior and acrylic baked enamel exterior, with Model FX75FCM Refrigeration package, 208 volts, 60 cycle, 1 phase, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment, NOT EXPECTED -----\$ 2,913.00

Item 11. One (1) only Univox, Model F-3-B, Mixer Stand with casters, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 106.00

Item 12. One (1) only Exhaust Hood, approx. 9'6" x 3'6" x 2'2" high, galvanized iron, custom built, with U.L. approved lights and aluminum grease extractors.

Price -----F.O.B. Destination, direct factory shipment -----\$ 1,058.00\*

\*Price does not include wiring, duct work, ceiling supports, fire control on exhaust fan.

Shumley School

Item 1. One (1) only Duke, Model FD-303, Hot Food Table with a Model 956-460-3 Serving Shelf, Model 445-3S Tray Shelf and three (3) only Model 676 spillane pans, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 616.00

Item 2. One (1) only Caddy, Model T-414, Tray and Silver Caddy with eight (8) Model ACC-49 Nylon Plastic Cylinders, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 267.00

Item 3. One (1) only Vulcan Hart, Model GT-8, Convection Oven, as per manufacturer's standard specifications.

Price -----F.O.B. Destination, direct factory shipment -----\$ 1,452.00

Item 4. One (1) only Vulcan Hart, Model 36L-77R, Range, as per manufacturer's standard specifications.

Continued -

## CONDITIONS OF SALE AND DELIVERY

Delay or failure of performance on our part shall be excused if our normal manufacturing operations are affected or prevented by strikes, lockouts, Act of God, Acts of the Government, civil or military authorities, material shortages, delays or public carriers, fire, theft, accident, or any cause beyond our control. We assume no responsibility for damage on account thereof. Orders taken subject to above conditions are not cancellable.

Where refrigeration warranty and service are part of contract, this service shall be provided during normal working hours by established refrigeration service agents. Bensinger's, Inc. shall not be responsible for any food spoilage for any reason whatsoever.

All down payments must be received by Bensinger's, Inc. prior to delivery of equipment. Where credit is extended and/or merchandise is sold subject to Conditional Sale Contract or Chattel Mortgage, the following legal instruments must be properly executed and received by Bensinger's, Inc. prior to delivery of merchandise:

1. Uniform Filing Statements
2. Security Agreement, Conditional Sales Contracts or Chattel Mortgage as required
3. Schedule 'A' Attachments
4. Landlord's Consent
5. Copy of Corporate Minutes where required
6. Such Promissory Note or Notes as may be required
7. Certificate of Insurance

BENSINGER'S, INC.



The library





Presently, the library is used as a learning resource center and a study hall. Future plans are to modernize, refurbish, and divide the learning area from the study hall section (refer to Illustration 12).

The first year proposal is to replace all standard rectangular tables. Beckley - Cardy provided the bid for the replacement of the tables. Listed below is a complete cost breakdown of replacing the standard rectangular tables.

<u>Item</u>	<u>Item No.</u>	<u>Number</u>	<u>Cost</u>	<u>Total Cost</u>
Trapezoidal	5960	8	\$44.40	\$355.20
Round	5702	3	51.30	153.90
Rectangular	5030	2	50.70	<u>101.40</u>
Total Cost				\$610.50

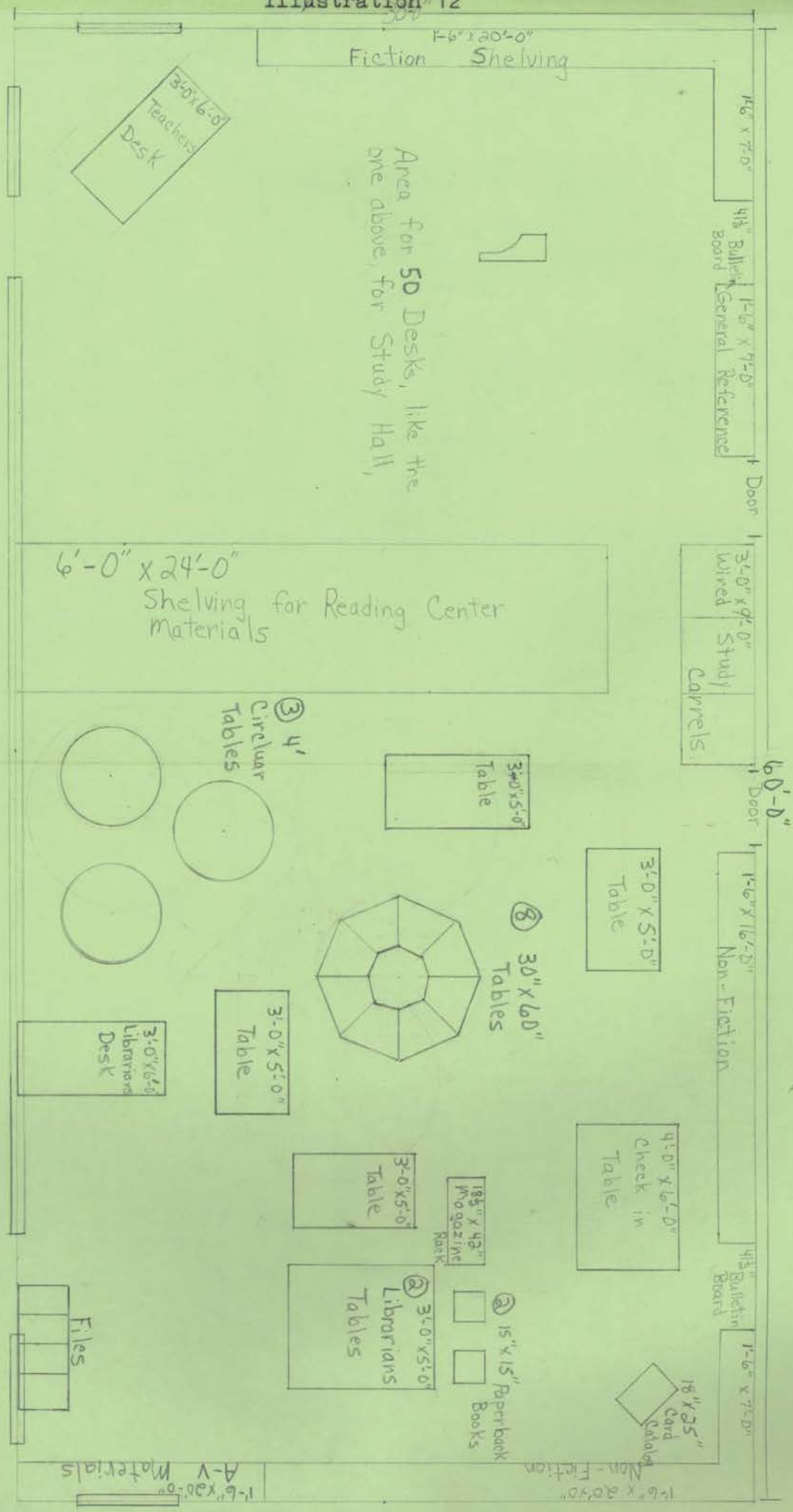
In conclusion

For the 1979-80 school year the cost of repainting, repairing the boys locker room, retiling room 109, installing legal locks on the classroom doors, purchasing cafeteria equipment, and replacing the tables in the library is listed below.

Painting	\$ 768.97
Repairing lockers	592.90
Shower Heads	114.75
Retiling room 109	472.35
Interior locks	1217.70
Cafeteria Equipment	4055.00
Library tables	<u>610.50</u>
Total cost	\$7832.17

The total cost of interior and exterior improvements for the 1979-1980 school year is \$17119.82.

# BCHS. Library



Scale 3/16" = 1'

CHAPTER III

Year Two  
1980-1981 School Year

Painting

Again repainting is a top priority. Rooms that will be painted are 115, 113, and room 107. Rooms 115 and 107 have 592 square feet of wall area. Room 113 has 1217 square feet of wall area. The hallway of the new addition is also scheduled to be painted. The hallway has a total of 2,567 square feet of wall area. Listed below is the number of gallons of paint needed and the cost of painting the above mentioned areas.

<u>Room</u>	<u>Sq. Ft.</u>	<u>No. of Gals.</u>	<u>Cost</u>
115	592	2 gals. of semi-gloss	\$ 21.06
107	592	2 gals. of semi-gloss	21.06
113	1217	5½ gals. of semi-gloss	57.92
Hallways	2567	10 gals. of semi-gloss	<u>105.30</u>
Total cost			\$ 205.34

Replacement of the stage curtains

The cost of replacing the front setting curtain is \$1881.00 (refer to Illustration 13). The cost of replacing the cyclorama setting is \$1098.00 (refer to Illustration 14). The Janson Industries of Canton, Ohio supplied the bid for the replacement of the stage curtains. The total cost of replacing the front setting curtain and the cyclorama setting curtain is \$2978.00.

Library (refer to Illustration 12, page 31)

To complete the tables, fifty chairs will be purchased. Oak chairs will replace the present folding chairs. Since the life safety survey of 1978 specifically stated the need of the elimination of the folding chairs in the library, fifty new chairs will be purchased. Beckley - Cardy of Springfield, Illinois will be awarded the bid. The chair is number 630-855. The chair is eighteen inches in height and will cost \$31.95 each. The total cost of purchasing fifty chairs is \$1597.50.

QUOTATION



THE JANSON INDUSTRIES

PHONE 455-2241 or 455-7029  
AREA CODE 216

BOX 8110  
CANTON, OHIO 44711

Beecher City High School  
Attn: Mr. George Kohut, Prin.  
Box 98  
Beecher City, ILL 62414

Date February 20, 1979

Quotation No. DEB-24-IQ

Gentlemen:

Re: Stage replacement  
Front setting

In response to your request, we quote:

To provide flameproofed 25 ounce Saluda Velour, pleated to 50% added fullness with heavy duty constructon completely installed to the existing valance board and front curtain track including a new floor pulley.....\$1,391.00

OPTIONS:

- 1) Add \$50.00 if a Monogram is wanted on the valance.
- 2) Add \$440.00 if a new #880 heavy duty ball bearing rope and pulley front curtain track is wanted to replace the existing "hard working" wood ball track.

Samples and brochure enclosed.

Allow 40 days for complete installation after our receipt of order with color selections.

Quoted prices are firm.

We are looking forward to the opportunity of providing this equipment.

ACCEPTANCE

The above quotation is herewith accepted.

Sincerely,  
THE JANSON INDUSTRIES

Signed: \_\_\_\_\_

Dale E. Bowman  
Reg. Sales Mgr.

Date: \_\_\_\_\_ Title: \_\_\_\_\_

DEB/mkc



# THE JANSON INDUSTRIES

PHONE 455-2241 or 455-7029  
AREA CODE 216

BOX 8110  
CANTON, OHIO 44711

Beecher City High School  
Attn: Mr. George Kohut, Prin.  
Box 98  
Beecher City, ILL 62412

Date February 20, 1979

Quotation No. DEB-25-IQ

Gentlemen:

Re: Stage replacement  
Cyclorama setting

In response to your request, we quote:

To provide flameproofed quality Iron Clad cyclorama material pleated to 50% added fullness with heavy duty construction completely installed to the following existing hardware:

Three ceiling maksing border battens  
Large curved cyclorama

Total for the above completely installed.....\$1,098.00

OPTIONS:

- 1) Add \$504.00 if the same cyclorama curtains are wanted for the shallow cyclorama track.
- 2) Add \$496 if new #880 heavy duty ball bearing curved cyclorama track is wanted for the large cyclorama track.
- 3) Add \$396.00 if new #880 heavy duty ball bearing, curved cyclorama track sis wanted for the shallow cyclorama track.

Samples and brochure enclosed.

Allow 40 days for complete installation after our receipt of order with color selections.

**Quoted prices are firm.**

**We are looking forward to the opportunity of providing this equipment.**

**ACCEPTANCE**

The above quotation is herewith accepted.

Sincerely,

**THE JANSON INDUSTRIES**

Signed: \_\_\_\_\_

Dale E. Bowman  
Reg. Sales Mgr.

Date: \_\_\_\_\_ Title: \_\_\_\_\_

DEB/mkc

To subdivide the learning area from the study hall, five double faced model number 22319 with metal top and end panel library shelving will be purchased. The cost of one complete unit is \$293.00. The total cost of all five units is \$1465.00. The units will be purchased from Smith System Manufacturing of St. Paul, Minnesota.

Three single faced starter unit study carrels will be purchased. The units, number 141-9357, are thirty six inches in width and cost with accessories \$178.48 each. Accessories that will be added to the study carrels are a four panel A/C power panel, light fixture, projection shelf, and projection screen. The cost of the above accessories is \$79.05. The total cost of three study carrels with accessories is \$535.44. The study carrels will be purchased from the Demco Corporation of Madison, Wisconsin.

To complete the modernization of the library, fifty classroom desks will be purchased. The classroom desk to be purchased is Illini's 608 series desk with fiberglass seat and back. Illini Supply of Decatur, Illinois will be the purchasing vendor of the classroom desks. One desk will cost \$33.35. The total cost of purchasing fifty desks is \$1667.50.

The total cost of fifty chairs, five double faced library shelving, three single faced study carrels, and fifty classroom desks is \$5265.44.

#### Gymnasium lighting

The present seven hundred and fifty watt incandescent lamp will be replaced with a four hundred watt mercury vapor lamp. The mercury vapor lamp will provide more candle power of illumination and will cost less to operate than the present incandescent lamp.

Esco International Incorporated, the state's purchasing agent for gymnasium lighting, of Chicago, Illinois provided the bid for replacing the present seven hundred and fifty watt incandescent lamps with four hundred watt mercury vapor lamps. The total cost of replacing the present lamps with fifteen mercury vapor lamps is \$1471.50 (refer to Illustration 15).



In Summary

The proposed budget for year two of this field study is summarized below.

Painting	\$ .205.34
Library	5265.44
Stage Curtains	2978.00
Gymnasium Lamps	<u>1471.50</u>
Total Cost	\$9920.28





# esco international inc.

5645 N. RAVENSWOOD AVENUE • CHICAGO, ILLINOIS 60660 • PHONE (312) 271-2805 OR 271-6336

April 25, 1979

Beecher County Village District #20 High School  
Box 98  
Beecher City, Illinois 62414

ATTENTION: Mr. George Kohut

Subject: Lighting equipment for gymnasium

Dear Mr. Kohut:

This letter will confirm our phone conversation concerning your cost for lighting fixtures and lamps. Listed below will be your cost and catalogue numbers. Our terms are 1% 10 prox, net 30. Freight allowed for \$1000 to job site.

Catalogue No. 20R40S/WG135 with 400 watt metal halide lamp that operates on a 400 watt mercury vapor ballast \$98.10

Enclosed you will find catalogue cut on the particular fixture we are talking about. If you should have any questions, please feel free to contact me.

Very truly yours,

ESCO INTERNATIONAL, INC.



Thomas J. Franklin  
Vice President

TJF:fd-

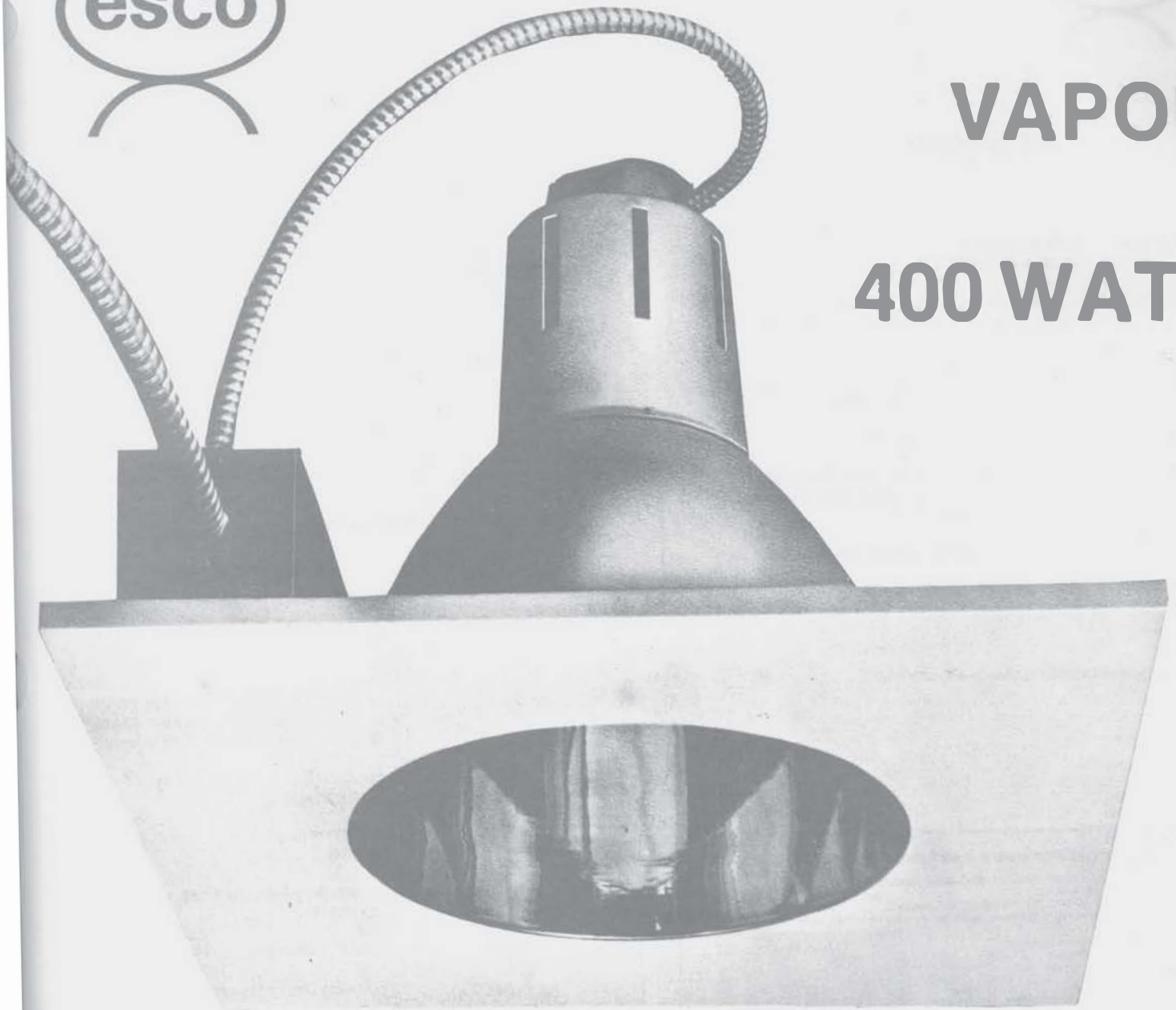
Enc.



# MERCURY

# VAPOR

# 400 WATT



## 2 x 2 DOWNLIGHT 20R-40S



A superb combination of form and function. An aesthetic break-through in clean, simple design so your ceilings can be as neat and uncomplicated as you want them to be. Ideal for use in general public areas such as supermarkets, libraries and department stores. Despite its attractive outward appearance, this model is rugged and designed to deliver long maintenance-free operation. It features fine craftsmanship throughout. Available in a variety of finishes, apertures and mounting frames to give you maximum flexibility in your plans.



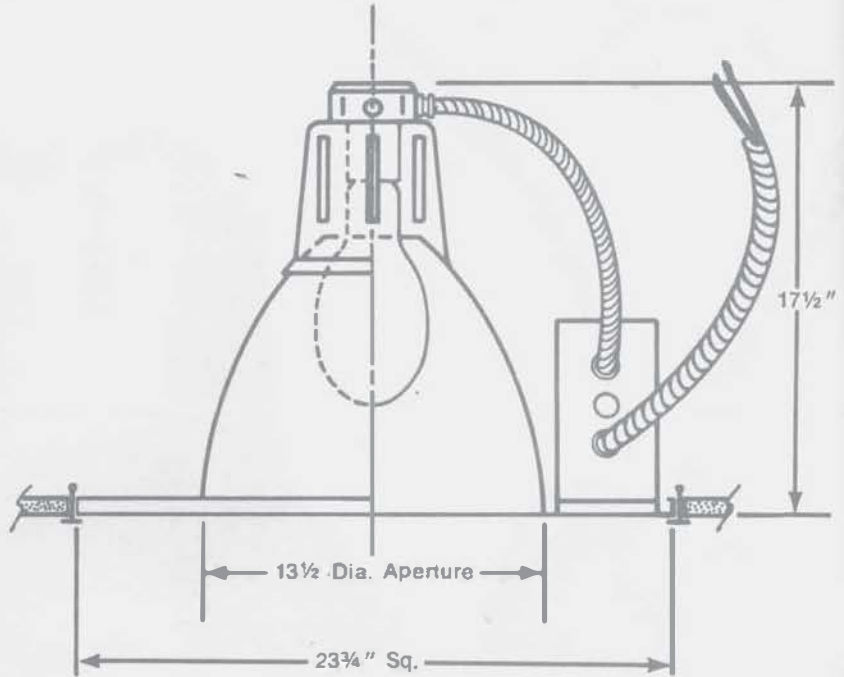


# SPECIFICATIONS & PERFORMANCE

CATALOG NO. 20R-40S

## SPECIFICATIONS

1. REFLECTOR: SPUN ALUMINUM .060" THICK, FINISHED POLISHED SPECULAR ALZAK
2. REFLECTORTOP: SPUN ALUMINUM .040" THICK, PERFORATED FOR FLOW THROUGH VENTILATION, FINISHED DIFFUSED ANODIZED
3. BALLAST: PREWIRED 400 WATT C.W.A.. H.P.F., ENCASED & POTTED SUPER SILENT
4. GREENFIELD: 4'-0" LONG W/#14 AF LEADS
5. MOUNTING PAN: NOMINAL 2x2 PAN, 20 GA. C.R.S. FINISHED EGGSHELL WHITE, SUITABLE FOR LAY-IN TEE BAR CEILINGS
6. LAMP: 400 WATT MERCURY VAPOR (BY OTHERS)
7. UNDERWRITERS LABORATORIES LISTED, I.B.E.W. LABELED



## ACCESSORIES

CATALOG NO.	DESCRIPTION
ESQ-65	EMERGENCY STANDBY SYSTEM FOR 1-250 WATT MINI-CAN QUARTZ LAMP STAYS ON UNTIL MAIN LAMP REACHES 85% OF OUTPUT
L-135	CONCENTRIC LOUVER GUARD, FINISHED MATTE BLACK
PF-135	PLASTER FRAME & TRIM FOR FLANGE TYPE CEILING
TBF-24	ALUMINUM FRAME TO SIMULATE "TEE-BAR" CEILING
TL-135	CLEAR TEMPERED LENS FOR 2x2 PAN
TL-135 C	CORNING #73 TEMPERED LENS FOR 2x2 PAN
WG-135	WIRE GUARD FINISHED ZINC PLATTED

Specifications subject to change without notice.

**INDEPENDENT TESTING LABORATORIES, INC.**  
 5586 Longhorn Road, Boulder, Colorado  
 PHOTOMETRIC REPORT PREPARED FOR ESCO INDUSTRIES, INC.  
 Catalog No. 20 R 40 S Date 4-28-71 Report No. 13673  
 Lamps: One HJ3-10L/DX, rated 22,500 lumens.  
 Luminaire: Aluminum reflector, specular finish. Slotted mask.

Test: Mean Cand. Deprec. Distribution  
 Mounting: Pendant

Angle	Candle power	Lumens	Average ft.-L.
0	10171		
5	10193	968	
15	9845	2786	
25	8560	3963	
35	7274	4568	
45	6574	3540	19690
55	2026	1817	10750
65	652	628	4550
75	30	32	353
85	13	14	453
90	9		
95	13	14	
105	17	18	
115	35	35	
125	48	43	
135	57	44	
145	65	41	
155	44	20	
165	22	6	
175	9	1	
180			

2mm Lumens % Lamp % Pa  
 0'-0" 7717 34.3 41.6  
 0'-40" 12285 54.6 66.3  
 0'-80" 17642 78.4 95.2  
 0'-90" 18316 81.4 96.8  
 90'-180" 222 1.0 1.2  
 0'-180" 18538 82.4 100.0

INDEPENDENT TESTING LABORATORIES  
*Kenneth E. Furbank*  
 CIE 1978 D.L.M.S.C.

**INDEPENDENT TESTING LABORATORIES, INC.**  
 5586 Longhorn Road, Boulder, Colorado 80302  
 Phone 447-1255, Area Code 303

PHOTOMETRIC REPORT PREPARED FOR ESCO INDUSTRIES, INC.  
 CATALOG NO. 20 R 40 S REPORT NO. 13673C  
 BASED ON ILL. REPORT NO. 13673 DATE 4-28-71

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD  
 EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	R1				R2				R3				R4					
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
1	92	90	87	85	90	88	86	84	84	82	81	81	80	78	78	77	76	74
2	87	82	78	75	85	80	77	74	78	75	72	75	72	70	72	70	69	67
3	81	75	70	66	79	74	69	65	71	67	64	69	66	63	67	64	62	61
4	76	68	63	59	74	67	62	58	65	61	57	63	60	57	62	58	56	54
5	70	62	56	52	69	63	56	52	59	55	51	58	54	50	56	53	50	48
6	66	57	51	46	64	56	50	46	55	50	46	53	49	45	52	48	45	44
7	61	52	46	41	60	51	45	41	50	45	41	49	46	41	48	43	40	39
8	57	47	41	37	55	46	40	36	45	40	36	44	39	36	43	39	36	34
9	52	42	36	32	51	42	36	32	41	36	32	40	35	32	39	35	32	30
10	49	39	33	29	48	38	33	29	37	32	29	37	32	28	36	31	28	27

CHAPTER IV

Year Three  
1981-82 School Year

Dust collection system

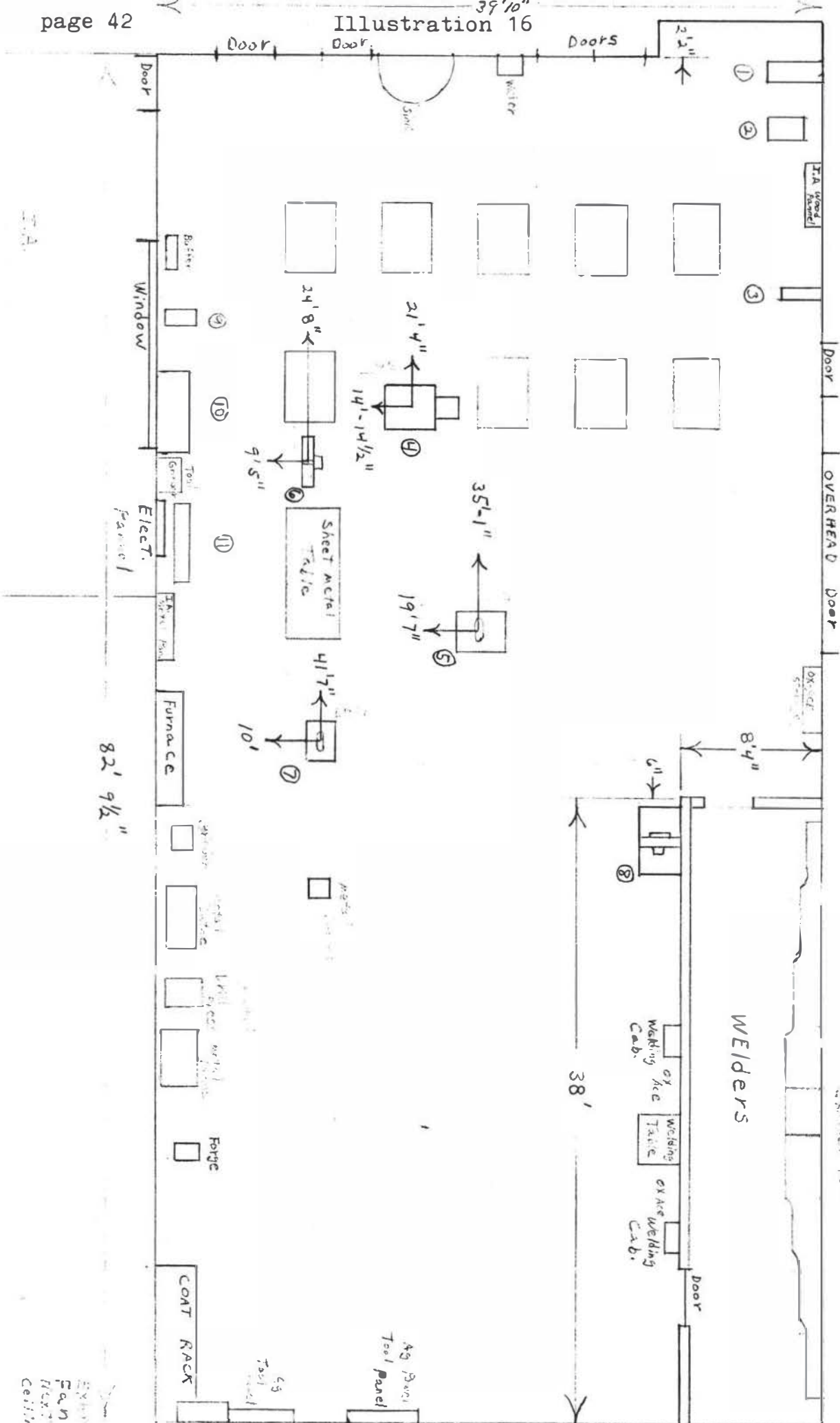
To complete the three year plan, the number one priority of the 1981-82 school year is the purchase and the installation of a dust collecting system in the industrial arts and agriculture shop area. In order to receive an accurate bid, one must draw a scale drawing of the shop area (refer to Illustration 16).

Four companies were contacted on bid proposals. The companies contacted were Eater Sheet Metal of Mt. Vernon, Illinois, Merz Sheet Metal, of Effingham, Illinois, Fowler Company of Centralia, Illinois, and the R. R. Waites Company of St. Louis, Missouri.

The only company to submit a bid was the Eater Sheet Metal Company of Mt. Vernon, Illinois (refer to Illustration 17). The total cost of installing the dust collecting system is \$8,980.00.

Not only will life safety needs be met but the installation of the dust collecting system will be partially reimbursable through the vocational education department of the State of Illinois.





N

EXHAUST FAN  
NEXT TO  
Ceiling

Ceiling Height 14' - 2"

1. 24" Rockwell Scroll Saw
2. 14" Walker Turner Band Saw (No dust outlet)
3. 15" Sears Scroll Saw
4. 18" Powermatic Surface Planer
5. 10" Rockwell Table Saw (12" x 9" dust outlet in base at front)
6. 6" Walker Turner Jointer (6" x 8" dust chute in base at front)
7. 10" Rockwell Table Saw
8. 10" De Walt Radial Arm Saw
9. 14" Rockwell Drill Press
10. 12" Sears Wood Lathe
11. 12" Rockwell Wood Lathe

## EATER SHEET METAL COMPANY

Heating - Air Conditioning

Box 926 1500 Park Avenue Mt. Vernon, Illinois 62864

Phone 242-0849 242-3059

PROPOSAL SUBMITTED TO <i>BEECHER CITY H.S.</i>		PHONE	DATE <i>5-11-79</i>
STREET <i>P.O. Box 98</i>		JOB NAME <i>DUST COLLECTION SYSTEM</i>	
CITY, STATE AND ZIP CODE <i>BEECHER CITY, ILL. 62414</i>		JOB LOCATION	
ARCHITECT	DATE OF PLANS	JOB PHONE	

We hereby submit specifications and estimates for:

*Complete dust collection system, including the Torit Collector, ducts, drops, flexible metal tubing, equipment hoods, two floor sweeps, ten clean-outs, cut-off dampers at each drop, etc. The system is based on drops to eleven pieces of equipment as shown on the owner's sketch.*

*The electrical wiring from the power panel to the collector is not included in this proposal.*

*If a single phase motor is required for the collector, add \$240 to the price.*

**We Propose** hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

*Eight-thousand nine-hundred eighty even* dollars (\$ *8,980.00* )

Payment to be made as follows:

*As the work progresses.*

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature \_\_\_\_\_

Note: This proposal may be withdrawn by us if not accepted within *30* days.

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_



Painting

Finishing the painting of the remaining classrooms will be accomplished during the 1981-82 school year. The classrooms to be painted are rooms 201, 202, 204, and 205. The cafeteria will also be painted. Listed below is the square footage, the amount of paint needed, and the cost of the paint (refer to Illustration 3, page 15).

<u>Room</u>	<u>Sq. ft.</u>	<u>No. of gals.</u>	<u>Cost</u>
201	624.5	3	\$ 31.32
201	1271	5 $\frac{1}{2}$	57.42
204	624.5	3	31.32
205	1023	4 $\frac{1}{2}$	46.98
Cafeteria	1600	7 $\frac{1}{2}$	<u>78.30</u>
Total Cost			\$245.34

The above classrooms will be painted with semi-gloss latex paint. The cost per gallon of paint is \$10.44. Since the above classrooms are of cement block construction additional paint will be ordered. The total cost of painting the above classrooms is \$245.34.

In summary

The proposed budget for year three of this field study is listed below.

Dust collecting system	\$8980.00
Painting	<u>245.34</u>
Total Cost	\$9225.34

## CONCLUSION

With the establishment of the life safety tax and the \$30,000 of invested capital, the Beecher City school district has the needed funds to properly maintain the buildings of the school district.

In order to complete all the added work assignments, four extra personnel have been added. One public service employee and three C.E.T.A. employees have been hired during the summer months of the 1979-1980 school year. Presently, federal funding has been extended to eighteen months of employment.

With the added personnel, most of the projects proposed in this field study have been started. At this time all the proposed areas to be painted in year one of the project have been completed. The parking lot expansion has been completed. The shower heads in the boys locker room have been installed and the locker parts are ready for installation. The front steps are scheduled to be replaced within two weeks. The drainage tile and drop boxes have been delivered. The only area that has not been scheduled is the installation of the front and exit doors of the gymnasium.

The cost of the exhaust hood in the kitchen, the replacement of all classroom locks, and the dust collecting system for the industrial arts and agriculture shop will be paid by life safety monies.

Most areas of recommendations during the first two years of the study are highly visible. It is this author's opinion that an attractive building leads to less discipline disruptions, more school spirit and consequently a better learning environment. Since any major building maintenance has not been planned in the past, any

schedule would be beneficial.

This field study should be beneficial to the school district of Beecher City, Illinois. Since all items in this field study have been documented, the Board of Education should have a valid instrument for maintaining the junior-senior high school building.

APPENDIX I

Monroe Bartels, Concrete Contractor  
Route 3  
Effingham, Illinois 62401

Beckley Cardy Company  
1000 N. Narragansett Ave.  
Chicago, Illinois 60639

Bensinger's  
8543 Page Ave.  
St. Louis, Missouri 63114

Demco Corporation  
Madison, Wisconsin

Eater Sheet Metal Company  
Box 926  
1500 Park Avenue  
Mt. Vernon, Illinois 62864

Effingham Builders Supply Company  
403 S. 2nd  
Effingham, Illinois 62401

Esco International Inc.  
5645 N. Ravenswood  
Chicago, Illinois 60660

Fowler Company  
Box 689  
217 E. 2nd  
Centralia, Illinois 62801

Hogge Lumber Company  
P.O. Box 96  
Beecher City, Illinois 62414

Interior Locker Specialist  
905 Broadway  
St. Louis, Missouri 63101

Janson Industries  
Box 8110  
Canton, Ohio 44711

David O. Maupin  
306 N. St. Clair  
Altamont, Illinois

Merz Sheet Metal  
509 S. Willow  
Effingham, Illinois 62401

APPENDIX (CON'T)

Pana Paint Store  
119 S. Locust  
Pana, Illinois 62557

Steven Reed  
Beecher City, Illinois 62414

Smith System Manufacturing  
St. Paul, Minnesota

Thies Paint Company  
319 W. Jefferson  
Effingham, Illinois 62401

R.R. Waites Company  
13016 Manchester  
St. Louis, Missouri 63131

Dean Wetherall  
Shumway, Illinois 62461

APPENDIX II  
DAILY LOG

- I. Preliminary survey of building
  - A. October 23, 24, 1978
  - B. Three hours
- II. Discuss survey with superintendent
  - A. October 27, 1978
  - B. Two Hours
- III. Rocking parking lot
  - A. Call Carlen's Fertilizer Company - May 8, 1979
  - B. Estimate number of tons of rock needed - May 9, 1979 -  $\frac{1}{2}$  hour
  - C. Supervise delivery and spreading of rock - May 16, 1979 - 1 hr.
- IV. Drainage
  - A. Contact by phone Dave Maupin - May 1, 1979
  - B. Meet and plan with Mr. Maupin - May 15, 1979 - 1 hr.
  - C. Order materials - May 15, 1979 -  $\frac{1}{4}$  hr.
  - D. Pick up materials in Tower Hill - July 10, 1979 - 3 hrs.
  - E. Talk to Burl Grupe on use of trencher - July 9, 1979
- V. Front door entrance
  - A. Contact Effingham Builders Supply by phone - September 11, 1978
  - B. Assist representative on estimating door cost - September 12, 1978
  - C. Receive specifications and bid - September 19, 1979
  - D. Advertise for bids in Effingham Daily News and Beecher City Journal - February 8, 9, 10 - 3 hrs.
  - E. Contact by phone Hogge Lumber, Dean Wetherall, Shelbyville Lumber - April 13, 1979
  - F. Contact Steve Reed by phone - May 25, 1979
  - G. Escort Mr. Reed - June 12, 1979
- VI. Locks on interior doors
  - A. Contact by phone Effingham Builders Supply - March 9, 1979
  - B. Walk building with representative of Builders Supply  
May 12, 1979 - 1 hr.
  - C. Receive bid on locks for junior-senior high school building  
May 16, 1979
- VII. Front steps
  - A. Contact Monroe Bartels by phone - March 2, 1979
  - B. Measure and compute number of yards of concrete - March 8, 1979  
2 hrs.
  - C. Receive bid - March 23, 1979
  - D. Board accepts bid - April 9, 1979
  - E. Steps poured week of July 16-20, 1979

VIII. Painting

- A. Measure areas of building to be painted - November 27, 28, December 1, 4, 1978 - 10 hrs.
- B. Compute number of gallons of paint needed - December 5, 1978 2 hrs.
- C. Contact Pana Paint, Hogge Lumber, Thies Paint - April 13, 1979
- D. Walk building with representative of Thies Paint and discuss type of paint needed - April 27, 1979 - 1 hr.
- D. Receive bid from Hogge Lumber - April 16, 1979
- E. Receive bid from Thies Paint - April 27, 1979
- F. Receive bid from Pana Paint - April 28, 1979
- G. Order paint from Pana Paint - June 1, 1979
- H. Receive paint from Pana Paint - June 6, 1979
- I. Supervise painting June 8, 1979 to present date
- J. Board of Education approves D. Cunningham as painter - June 11, 1979

IX. Tiling room 109

- A. Pick up bid from Effingham Builders Supply - April 23, 1979 1 hr.
- B. Talk to Hogge Lumber about tile bid - May 1, 1979
- C. Select and order tile from Hogge Lumber - May 3, 1979 -  $\frac{1}{2}$  hr.
- D. Tile delivered May 22, 1979
- E. Supervise installation of tile - June 1-8, 1979

X. Locker room

- A. Talk to representative, Tom Coughlin, of Interior Locker May 15, 1979 - 1 hr.
- B. List what parts are needed - May 15, 1979 - 1 hr.
- C. Receive bid May 15, 1979
- D. Wrong locker parts delivered - June 27, 1979
- E. Contact Mr. Coughlin on error - July 2, 1979 -  $\frac{1}{2}$  hr.
- F. Contact Mr. Coughlin on error - July 8, 1979 -  $\frac{1}{2}$  hr.
- G. Talk to representative of Boos Heating and Plumbing on shower head replacement - April 9, 1979
- H. Discuss with Board of Education - April 9, 1979
- I. Order replacement parts - April 10, 1979
- J. Supervise installation of shower heads - June 7, 1979 - 1 hr.

XI. Cafeteria

- A. Escort Bensinger's representative to cafeteria - October 16, 1978
- B. Receive bid and design proposal November 4, 1978
- C. Write specification bid sheet - May 22, 1979 - 2 hrs.
- D. Advertise bid in Southern Illinoisian - June 1, 2, 3, 1979
- E. Receive bid from Bensinger's - June 13, 1979

XI. Library

- A. Meet with librarian, Ms. McDaniel on library proposal - November 13, 1978 - 2 hrs.
- B. Measure library and draw scale drawing - February 6, 7, 8, 1979 8 hrs.
- C. Select materials that may be needed - March 13, 14, 1979 - 4 hrs.
- D. Receive board approval on tables - May 14, 1979
- E. Order tables - May 15, 1979

XII. Stage curtains

- A. Meet with Janson Industries representative - February 15, 1979  
1 hr.
- B. Receive bid on curtains - February 22, 1979

XIII. Gymnasium lighting

- A. Contact Esco of Chicago and explain need - April 17, 1979  
1 hr.
- B. Receive bid on lighting - April 27, 1979

XIV. Dust collection system

- A. Contact by phone Eater, Fowler, R.R. Waites and Merz Sheet Metal - March 9, 1979 - 1 hr.
- B. R.R. Waites representative visits schools - March 13, 1979  
1 hr.
- C. Measure shop area and draw scale drawing of shop area  
March 26, 27, 28, 1979 - 12 hrs.
- D. Receive bid from Eater Sheet Metal - May 14, 1979

XV. Writing field study

- A. Outline - June 20, 1979 - 2 hrs.
- B. Write field study June 21, 22, 23, 1979 - 32 hrs.
- C. Rewrite field study June 24, 25, 26, 1979 - 28 hrs.

XVI. Typing field study

- A. July 1, 2, 3, 4,
- B. 20 hrs.