

93043221

Peter Goerges
3577 West Lakeshore Dr.
P.O. Box 139
Crown Point 46307
7

OFFER AND CONTRACT

Hobart Bldg. Corp.

for

the construction and equipping of a new elementary school building
and renovations and/or improvements to certain facilities
for the School City of Hobart
Lake County, Indiana

THIS OFFER, is made this 18th day of MARCH, 1993, by GRINNEL FIRE PROTECTION SYSTEMS COMPANY, 53894 Co. Road 9 North, Elkhart, Indiana 46514 hereinafter called "CONTRACTOR", and upon acceptance of this Offer in accordance with the terms hereof by the Hobart Bldg. Corp., Fort Wayne, Indiana 46802, as INDIANA CORPORATION, hereinafter call "OWNER" this Offer shall be and become a Contract binding upon Contractor and Owner.

STATE OF INDIANA, S.S.NO.
LAKE COUNTY
FILED FOR RECORD
21 MAR '93

The Contractor and the Owner, for the consideration stated herein, agree as follows:

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ARTICLE I. SCOPE OF WORK

The Contractor shall perform everything required to be performed and shall provide and furnish at Contractor's sole cost and expense all the labor, materials, tools, expendable equipment, transportation services, bonds, and insurance requirements required to perform and to complete in a workmanlike manner, all the work required for

FIRE PROTECTION FOR THE NEW ELEMENTARY SCHOOL

in strict accordance with the Contract Documents, including any or all addenda prepared by Fanning/Howey Associates, acting, and in the Contract Documents, referred to as the "Architects," and Toth-Ervin, Inc., acting, and in the Contract Documents referred to as the "Project Managers;" whose drawings, specifications and other Contractual Documents above mentioned are hereby made a part of this contract; and the Contractor shall do everything required by the Contract and other documents constituting a part thereof.

The Contractor specifically acknowledges that all of the aforesaid Contract Documents have been duly placed on file by Owner with the School City of Hobart, Lake County, Indiana, and were available to Contractor and any other interested persons upon request for public inspection, and that Contractor is specifically bound by the terms of such Contract Documents.

ARTICLE II. CONTRACT PRICE

The Owner shall pay the Contractor for the performance of this Contract, subject to any agreed additions or deductions provided therein, in current funds, the contract price of EIGHTY-ONE THOUSAND SIX HUNDRED TWENTY DOLLARS (\$81,620.00). This price to include all requirements under the Base Bid, Contract Number(s) 18, FIRE PROTECTION and No Alternate Bids said Alternates to consist of substitutes, deductions, or additions of certain portions of the work, as set forth in the proposal. Payments are to be made to the contractor in accordance with, and subject to the provisions embodied in the documents made a part of this Contract.

7/20

ARTICLE III. TIME OF COMPLETION

The Contractor hereby extends to the Owner the unconditional right to accept the offer herein extended by the Contractor at any time within one hundred twenty (120) days from the date of bid receipt, the acceptance of same to be signified by the execution of this instrument by the Owner and notice to the Contractor of said acceptance. Upon the giving of said notice by Owner, Contractor agrees to commence the work to be performed under this contract in strict compliance with the detailed schedules set forth in the Contract Documents and to faithfully and diligently prosecute and execute the work in all detail, ready for continuous and successful operation, in such fashion that the entire project shall be completed in every respect ready for occupancy as per detailed schedules set forth or required to be prepared in the contract documents, unavoidable delays excepted.

In case the Contractor shall fail to complete the work or any part thereof according to the terms of this Contract, or in the event of any given time the Contractor is unable to furnish evidence satisfactory to Architect disclosing Contractor's ability to perform on a timely basis, then, in such case, the Owner reserves the right and is hereby authorized upon Seventy-Two (72) Hours notice to the Contractor and his surety, to declare this Contract forfeited and to relet the unfinished portion thereof in the manner provided by law, and such person or persons to whom such work shall have been relet shall lease and hereby authorized to complete said portion of the work without hindrance from the Contractor. The Contractor shall be liable, in case of nonperformance of this Contract, or any part thereof, and hereby agrees to pay said owner as damages, all the costs, charges, and expenses attending such reletting, (including reasonable additional Architect's fees and Project Manager's fees), and also such sums or amounts as it shall cost to complete the said Contract over and above the amounts hereby agreed for the various items therefor.

Said damages shall bear interest at a rate per annum which is one percentum in excess of the prime interest rate then charged by (TO BE ADVISED), Indiana or the maximum rate allowed by law, whichever is lesser, and shall be increased by an amount equal to a like rate of interest computed on the total advancements and payments made by the Owner commencing the day following the scheduled completion date. Notwithstanding anything herein contained to the contrary such damages exclusive of interest shall not exceed the amount retained by the Owner, plus any other sums due the Contractor, as further referenced and provided by Article VI.

ARTICLE IV. COMPONENT PARTS OF THIS CONTRACT

This Contract consists of the following component parts, referred to herein as the Contract Documents, all of which are as fully a part of this Contract as if herein set out; or, if not attached, as if hereto attached:

- (1) Specifications consisting of:
General Conditions and Supplemental Conditions
Specifications for Workmanship and Materials
- (2) Addenda Nos. ONE-2/19/93, TWO-2/24/93, THREE-2/26/93
- (3) Construction Drawings
- (4) Drawings and descriptions submitted by the Contractor and approved by the Architect
- (5) This Contract
- (6) Subcontractor/Material Suppliers List (reviewed by Architect/Engineer)

ARTICLE V. CONTRACT PROVISION

The Contractor covenants and agrees to pay all damages for injury to real or personal property, or for any injury or death sustained by any person growing out of any act or deed or omission of the Contractor or of his employees or any of his subcontractors or their employees, irrespective of any other provision of this Contract.

The Contractor agrees to indemnify and save harmless the Owner and any lessee of Owner, their agents and employees, and the Trustee, from and against all loss and expenses (including costs and attorneys' fees) by reason of liability imposed by law upon the Owner or lessee, or Trustee, for damages because of bodily injury, including death at any time resulting therefrom sustained by any person or persons and on account of damage to property, including loss of use thereof, arising out of or in consequence of the performance of this work, provided such injury to persons or damage to property is due or claimed to be due to negligence of the contractor, his subcontractors, employees or agents. The term Owner shall be construed to include any and all successors to the currently named Owner, irrespective of how such succession occurred and/or who or what the successor(s) is or are. The term lessee shall specifically include the School City of Hobart, their assigns and successors.

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ARTICLE VI. PAYMENT OF CONTRACT SUM

Payment(s) to the Contractor will be made each month (starting when work commences) in an amount equal to ninety (90%) percent of the contract values of the work done and materials permanently in place and stored on the site at the close of the preceding month, as determined by the Architect and as so certified to the Owner. Approval for said payments must first be authorized by the Architect, the Project Manager/Construction Manager and then approved by the School City of Hobart Board of School Trustees, or their authorized representative, at their regularly scheduled meetings or as otherwise specified and thereafter the Owner will make payment within five (5) days after receipt of all approvals.

The Contractor may request in writing directed to the Owner, Architect, and Project Manager to approve no further retainage when fifty percent (50%) of the Contract amount has been attained. Approval will be considered in accordance with the Supplemental Conditions.

The provisions of Indiana Code 36-1-12-14 (f) are hereby waived and payment of any retained percentages will be made when all punch list items are certified complete by Architect, Project Manager/Construction Manager and accepted by Owner. In the event that the completion date for each portion of the work is not met or other damages have accrued, Contractor shall pay to Owner upon said final payment, an amount equal to the aforesaid damages plus the interest as provided in the said Article III above, and said retainage, together with all other sums to which the Contractor might be or become entitled, may be applied against the same.

ARTICLE VII. NO-LIEN CONTRACT

The parties hereto do hereby covenant and agree that no lien shall attach to the real estate by the Contractor, subcontractors, mechanics, journeymen, laborers, or persons performing labor upon or furnishing materials or machinery for the work provided for under the terms of this Contract, and for the purpose of complying with the provision of Indiana Code 32-8-3 as

amended, the parties agree that this Contract may be recorded with the Recorder of Lake County, Indiana. Contractor shall require all subcontractors, materialmen or other parties contracting with Contractor for this project to acknowledge this no-lien provision:

ARTICLE VIII. LOCATION OF PREMISES

The buildings and work to be performed under this Contract shall be on land located in Lake County, Indiana, more particularly described in Exhibit "A" attached hereto and incorporated herein by reference.

ARTICLE IX. SUBSEQUENT OWNER

The parties now contemplate that the Owner shall, as soon as possible, convey the real estate to ~~(TO BE ADVISED)~~ Trustee, Indiana and therefor, the parties now covenant and agree that any such conveyance shall in no way affect the no-lien provisions of this contract which are expressly made for the benefit of the Owner herein, and any subsequent Owner as hereinabove contemplated.

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ARTICLE X. TERMINATION PROVISION

Contractor further agrees if "Notice to Proceed" as provided for in the Contract Documents is not issued by Owner to contractor within Thirty (30) Days after acceptance by Owner of said Contract, this contract shall be voidable by Owner without liability.

ARTICLE XI. BENEFITS SHALL SURVIVE

IT IS FURTHER AGREED AND UNDERSTOOD BY AND BETWEEN THE PARTIES HERETO, that the building to be constructed and the work to be performed under this Contract are for the occupancy and use by the School City of Hobart, Lake County, Indiana and the Contractor hereunder expressly agrees that all the Contractor's obligations, including guarantees, bonds and performance standards shall inure directly in favor of said School City of Hobart, Lake County, Indiana in its own name and right without the necessity of joining any other party of this Contract.

ARTICLE XII. ASSIGNMENT

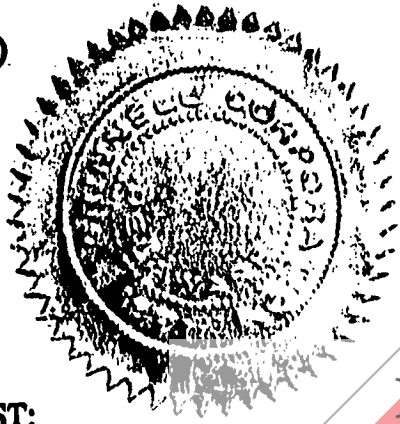
Contractor hereby approves and consents to the assignment by Owner to the School City of Hobart, of that portion of this Contractor's Offer and Contract, and, the Performance Payment and Maintenance Bond with Owner, to the extent that this Offer and Contract pertains to the facilities building to be constructed upon real estate owned by the School City of Hobart.

FURTHER, Contractor hereby approves and consents to the assignment by Owner to ~~(TO BE ADVISED)~~ Trustee, of this Contractor's Offer and Contract, and, the Performance Payment and Maintenance Bond with Owner, and Contractor shall be obligated and bound to Trustee as set forth in Contractor's Contract with Owner, which Contract is incorporated herein by reference.

To each of the conditions and obligations of this Contract, the undersigned Contractor, binds itself, its successors, and assigns.

In witness whereof, the Contractor has executed this Offer and Contract the date and year first above written.

(SEAL)



**GRINNELL FIRE PROTECTION SYSTEMS
COMPANY**
Contractor

By: *Steve Hubick*

Steve Hubick, District General Mgr.
Printed Signature & Title

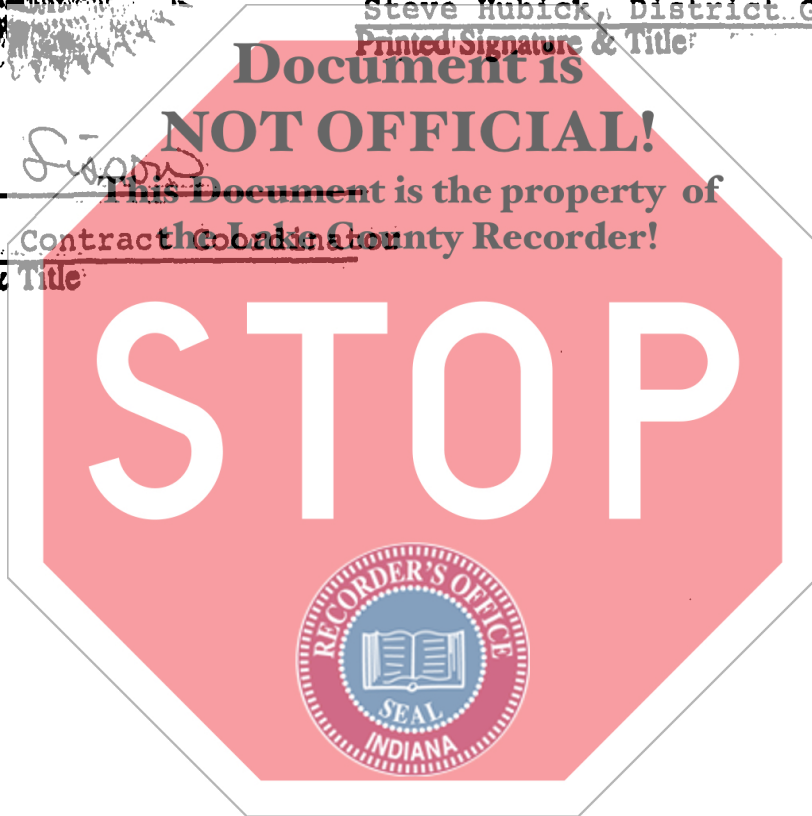
ATTEST:

BY: *Susan Sisson*

Susan Sisson, Contract Coordinator
Printed Signature & Title

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STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public, in and for the aforesaid State and County, this 2nd day of June, 1993, personally appeared Steve Hubick and Susan Sisson personally known to me to be the Dist. Gen'l Mgr. and Contract Coord. of the Contractor herein acknowledged the execution of the foregoing offer for, on behalf of, and in the name of said contractor as its voluntary act and deed.

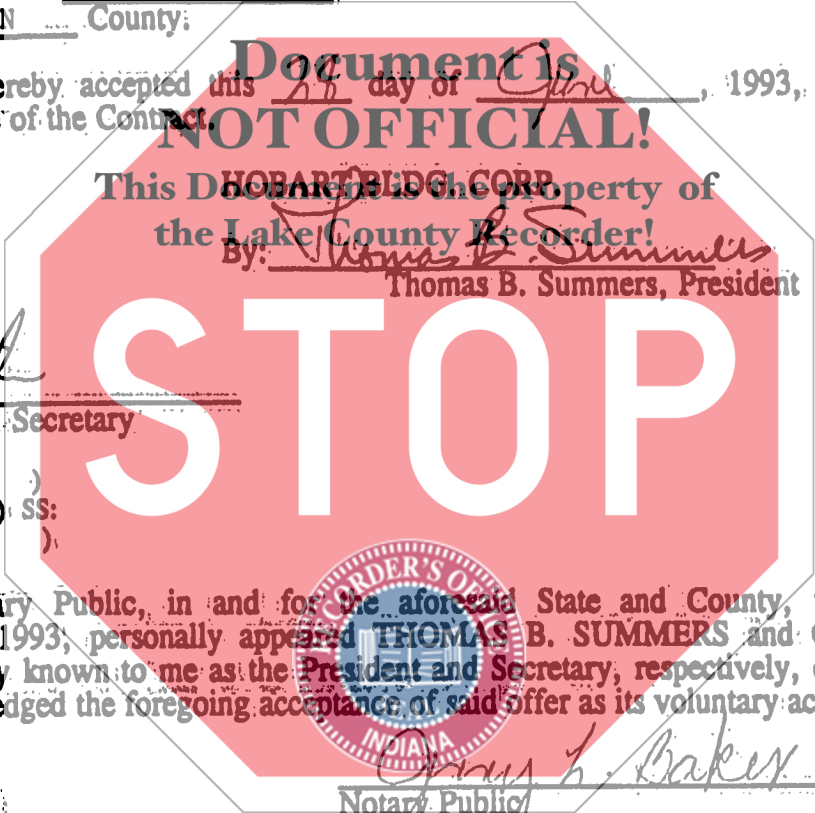
Gloria J. Gallen
Notary Public

GLORIA J. GALLEN
Printed Signature



My Commission Expires 12-10-93
Residing in MARION County:

The foregoing is hereby accepted this 27 day of June, 1993, which shall be construed as the date of the Contract.



ATTEST:
O. Roderick Wilson
O. Roderick Wilson, Secretary

STATE OF INDIANA)
) SS:
COUNTY OF ALLEN)

Before me, a Notary Public, in and for the aforesaid State and County, this 26 day of June, 1993, personally appeared THOMAS B. SUMMERS and O. RODERICK WILSON, personally known to me as the President and Secretary, respectively, of Hobart Bldg. Corp. and acknowledged the foregoing acceptance of said offer as its voluntary act and deed.

Jenny L. Baker
Notary Public

Jenny L. Baker
Printed Signature



My Commission Expires: January 8, 1994
Residing in Allen County.

This Instrument Prepared by: Richard D. Robinson
Attorney-at-Law
215 E. Berry Street
Fort Wayne, IN 46802

CORPORATE RESOLUTION

BE IT RESOLVED, that the proposed Offer and Contract (the "Contract") with Hobart Bldg. Corp. (hereinafter "Owner") as Owner, and this corporation, as contractor, for the construction and equipping of a new elementary school building and renovations and/or improvements to certain facilities for the School City of Hobart, CONTRACT NO. _____ in the form submitted to this Board is hereby approved.

BE IT FURTHER RESOLVED, THAT THIS Contractor shall furnish performance, payment and maintenance bonds (the "Bond") in the amount of one hundred-fifty per cent (150%) of the amount of the contract to Owner and to such other parties as owner may designate, with a good and sufficient surety acceptable to owner, and the Bonds and such surety shall be in the usual form acceptable in the State of Indiana for work of the nature covered by the Contract. The Bonds and such surety are hereby approved.

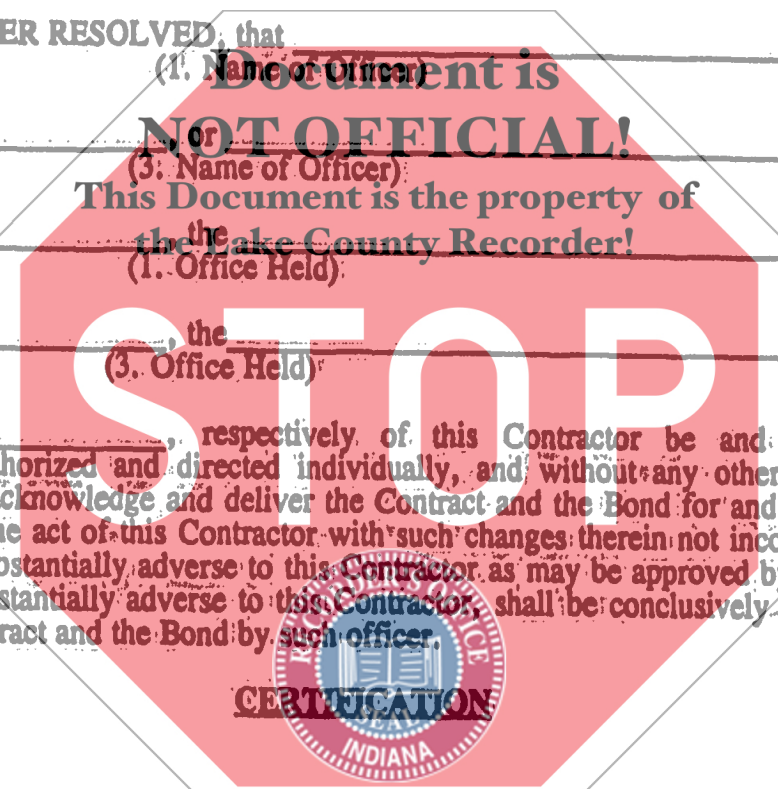
BE IT FURTHER RESOLVED, that _____, or
(1. Name of Officer)

_____, or
(2. Name of Officer) _____, or
(3. Name of Officer)

_____, the
(4. Name of Officer) _____, the
(1. Office Held)

_____, the
(2. Office Held) _____, the
(3. Office Held)

_____, respectively of this Contractor be and each is hereby (4. Office Held) authorized and directed individually, and without any other officer attesting thereto, to execute, acknowledge and deliver the Contract and the Bond for and on behalf of and in the name and as the act of this Contractor with such changes therein not inconsistent with this resolution and not substantially adverse to this Contractor as may be approved by the officer, and that such are not substantially adverse to this Contractor, shall be conclusively evidenced by the execution of the Contract and the Bond by such officer.



I, _____, hereby certify:
(Print your name)

1. That I am the duly elected Secretary of _____

(the "Contractor") and as such am authorized to execute and deliver this Certificate and have in my possession and under my direct supervision, records and minutes of the meetings of the Board of Directors of the Contractor.

2. The foregoing is a true, correct and complete copy of the resolutions duly adopted by the Contractor's Board of Directors and a meeting duly convened and held on _____, 19__ at which a quorum was present and acting throughout, which resolutions have not been altered, amended or repealed, have been in full force and effect at all times since the date of their adoption and are in full force and effect on the date hereof.

3. Each person, who as an officer of the Contractor, executed the Contract and the Performance, Payment and Maintenance Bonds authorized by said resolution, was duly elected or appointed, qualified and acting as such officer at the time of such execution and delivery of the Contract and the Performance, Payment and Maintenance Bond, and the signatures of such persons appearing on the Contract and the Performance, Payment and Maintenance Bond are their true and genuine signatures. The Contract and the Performance, Payment and Maintenance Bond, as executed, were in substantially the form presented to said Board of Directors as referred to in said resolutions.

Dated: _____, 1993.

(Signature of Secretary)

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(Printed Name of Secretary)

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STOP



SECTION 00500 - ATTACHMENT

The Supplementary and other Conditions of the Contract are those contained in the Project Manual dated February 1, 1993, and are as follows:

Document	Title	Pages
Project Manual Volume I	New Elementary School	

SEE ATTACHED TABLE OF CONTENTS

The Specifications are those contained in the Project Manual dated as above, and are as follows: (Either list the Specifications here or refer to an exhibit to this Agreement.)

Section	Title
Project Manual Volume II	Document is NOT OFFICIAL! Dated February 1, 1993
SEE ATTACHED TABLE OF CONTENTS	
Project Manual Volume III	Dated February 1, 1993
SEE ATTACHED TABLE OF CONTENTS	

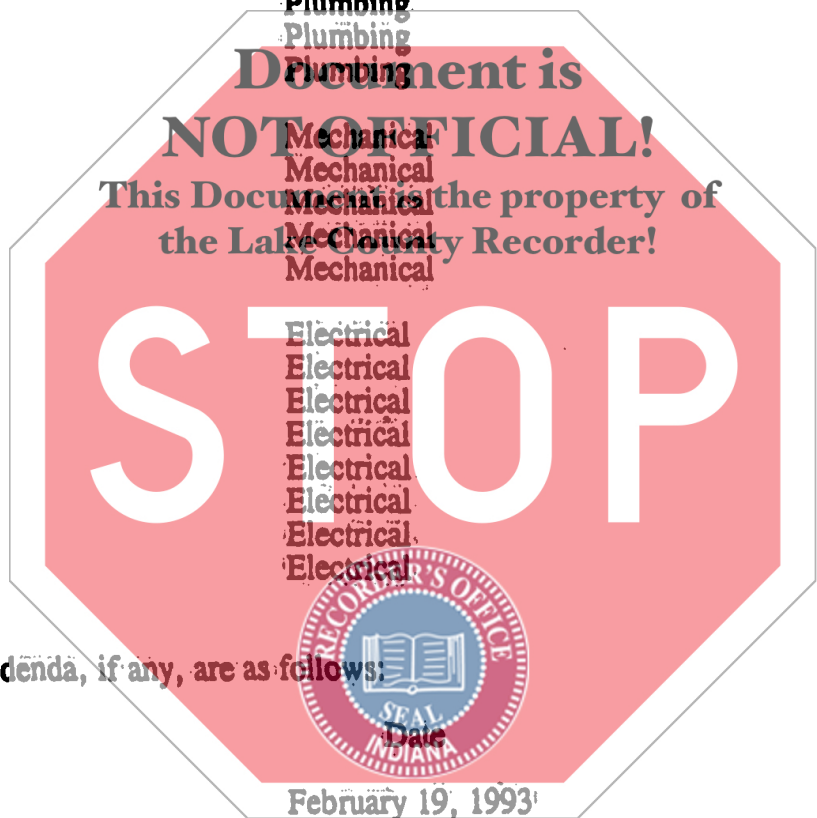
The Drawings are as follows, and are dated February 1, 1993 unless a different date is shown below. (Either list the Drawings here or refer to an exhibit attached to this Agreement.)

Number	Title
-	Cover
-	Index Sheet
-	Survey
GD1.1	Sitework
G1.0 - G1.1	Sitework
G2.1	Sitework
G3.1 - G3.4	Sitework
G4.1 - G4.2	Sitework
L1.1	Sitework
SU1.1 - SU1.2	Sitework
SU2.1	Sitework
A1.1 - A1.5	Architectural
A2.1	Architectural
A3.1 - A3.3	Architectural
A4.1 - A4.2	Architectural
A5.1 - A5.7	Architectural
A6.1	Architectural



SECTION 00500 - ATTACHMENT

Number	Title	Date
A7.1 - A7.7	Architectural	
A8.1 - A8.2	Architectural	
A9.1 - A9.4	Architectural	
A10.1	Architectural	
FS.1 - PS.5	Food Service	
S1.1 - S1.6	Structural	
S2.1 - S2.7	Structural	
S5.1	Structural	
P1.1	Plumbing	
P2.1 - P2.4	Plumbing	
P3.1 - P3.2	Plumbing	
P4.1	Plumbing	
M1.1	Mechanical	
M2.1 - M2.6	Mechanical	
M3.1 - M3.4	Mechanical	
M5.1 - M5.3	Mechanical	
M6.1	Mechanical	
E1.1	Electrical	
E2.1	Electrical	
E3.1	Electrical	
E4.1 - E4.4	Electrical	
E5.1 - E5.4	Electrical	
E6.1	Electrical	
E7.1	Electrical	
E8.1 - E8.4	Electrical	



The Addenda, if any, are as follows:

Number	Date
No. 1	February 19, 1993
No. 2	February 24, 1993
No. 3	February 26, 1993

Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated herein.

Other Documents, if any, forming part of the Contract Documents are as follows: (List here any additional documents which are intended to form part of the Contract Documents. The General Conditions provide that bidding requirements such as advertisement or invitation to bid, Instructions to Bidders, sample forms and the Contractor's bid are not part of the Contract Documents.)

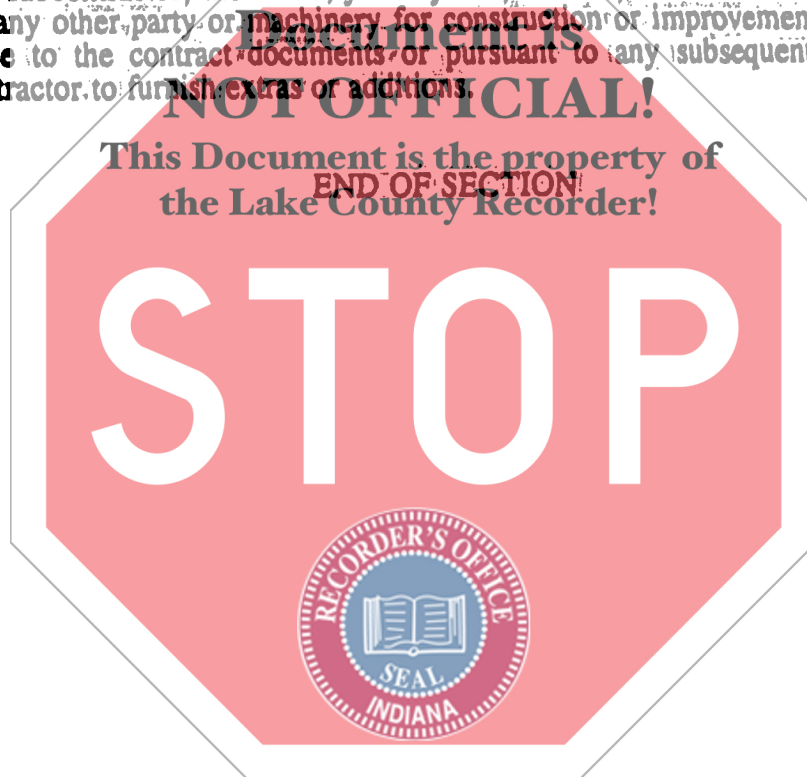
SECTION 00500 - ATTACHMENT

Documents unless enumerated in this Agreement. They should be listed here only if intended to be part of the Contract Documents.)

Subcontractors & Materials List (Section 00430 as reviewed by the Architect and Engineer.)

This Agreement is entered into as of the day and year first written above and is executed in at least three (3) original copies of which one (1) is to be delivered to the Contractor, one to the Architect for use in the administration of the Contract, and the remainder to the Owner.

No Lien Agreement: Contractor, for itself and all parties claiming through contractor who would be entitled to liens as provided in IC 32-8-3-1 et seq., agrees with Owner that NO LIENS shall attach to and hereby waives all rights to file mechanics' liens against the project real estate, which is more particularly described in Exhibit A and Exhibit B attached hereto and hereby made a part hereof, or to any improvements now existing or to be constructed thereon in favor of contractor, any subcontractor, mechanic, journeyman, laborer, material vendor, lessor of tools or machinery, or any other party or machinery for construction or improvements on the project real estate pursuant to the contract documents or pursuant to any subsequent agreement between Owner and contractor to furnish extras or additions.



SECTION 00001
TABLE OF CONTENTS

00001 - Title Page
Table of Contents

BIDDING REQUIREMENTS

00030 - Notice to Bidders
00100 - Instructions to Bidders
00120 - Supplementary Instructions to Bidders
00210 - Preliminary Construction Schedule
00220 - Soil Investigation Data
00300 - Supplemental Bid Proposal Form (Including Non-Collusion,
Bidding Certification and Domestic Steel Affidavit)

CONTRACT DOCUMENTS

00430 - Subcontractors List
00480 - Non-collision Affidavit
00500 - Agreement Forms
00530 - Escrow Agreement

CONTRACT CONDITIONS

00700 - AIA General Conditions
00800 - Supplementary Conditions
00830 - Wage Determination Schedule

SPECIFICATIONS

DIVISION 1: GENERAL REQUIREMENTS

01010 - Summary of the Work
01011 - Contract Categories
01020 - Allowances
01027 - Application for Payment
01028 - Change Order Procedure
01030 - Alternatives
01043 - Project Work Rules
01045 - Cutting & Patching
01050 - Field Engineering
01055 - Work Layout
01060 - Regulatory Requirements
01090 - Reference Standards
01200 - Project Meetings
01300 - Submittals
01310 - Construction Milestone Schedule
01370 - Schedule of Values
01400 - Quality Control
01410 - Testing Laboratory Service
01500 - Construction Facilities and Temporary Controls
01531 - Temporary Fences

SECTION 0001 - TABLE OF CONTENTS

01550 - Access Roads & Parking Areas
01560 - Construction Cleaning
01580 - Project Identification & Signs
01600 - Materials & Equipment
01605 - Products and Substitutions
01650 - Starting Systems
01660 - Testing, Adjusting & Balancing of Systems
01700 - Project Closeout
01710 - Cleaning

DIVISION 2 THROUGH 16

(Refer to Architectural and Engineering Specification Manuals Volumes II and III)



VOLUME II

DIVISION 2: SITEWORK

- 02050 Demolition
- 02100 Site Preparation
- 02200 Earthwork
- 02280 Soil Treatment
- 02511 Asphaltic Concrete Paving
- 02516 Portland Cement Concrete Paving
- 02710 Subdrainage Systems
- 02720 Storm Sewerage Systems
- 02800 Site Improvements
- 02830 Fences and Gates
- 02862 Playground Equipment
- 02930 Lawns and Grasses
- 02950 Trees, Plants, and Ground Covers

DIVISION 3: CONCRETE

- 03100 Concrete Formwork
- 03200 Concrete Reinforcement
- 03300 Cast-In-Place Concrete
- Concrete Finish Schedule

DIVISION 4: MASONRY

- 04100 Mortar
- 04125 Masonry Grout
- 04150 Masonry Accessories
- 04200 Unit Masonry
- 04460 Limestone

DIVISION 5: METALS

- 05100 Structural Metal Framing
- 05200 Metal Joists
- 05300 Metal Decking
- 05500 Metal Fabrications
- 05520 Handrails and Railings

DIVISION 6: WOOD AND PLASTICS

- 06100 Rough Carpentry
- 06200 Finish Carpentry



DIVISION 7: THERMAL AND MOISTURE PROTECTION

- 07110 Sheet Membrane Waterproofing
- 07150 Dampproofing
- 07210 Building Insulation
- 07220 Roof and Deck Insulation
- 07240 Exterior Insulation and Finish System
- 07255 Sprayed-On Fireproofing and Insulation
- 07256 Spray-On Acoustical Insulation
- 07270 Firestopping
- 07310 Shingles
- 07600 Flashing and Sheet Metal
- 07724 Prefabricated Curbs
- 07820 Metal-Framed Skylights
- 07920 Sealants and Caulking

DIVISION 8: DOORS AND WINDOWS

- 08110 Door and Frame Schedule
- 08121 Steel Doors and Frames
- 08210 Flush Aluminum Doors and Frames
- 08210 Wood Doors
- 08521 Aluminum Windows
- 08710 Door Hardware
- 08800 Glazing

DIVISION 9: FINISHES

- 09200 Room Finish Schedule
- 09215 Lath and Plaster
- 09250 Veneer Plaster
- 09250 Gypsum Board
- 09300 Tile
- 09382 Cultured Marble Window Sills
- 09510 Acoustical Ceilings
- 09550 Wood Flooring
- 09660 Resilient Tile Flooring
- 09665 Resilient Sheet Flooring
- 09680 Carpet
- 09900 Painting
- 09955 Vinyl-Coated Fabric Wall Covering

DIVISION 10: SPECIALTIES

- 10100 Visual Display Boards
- 10125 Projection Screens
- 10160 Metal Toilet Compartments
- 10162 Solid Plastic Toilet Compartments
- 10190 Cubicle Curtains and Tracks
- 10200 Louvers and Vents
- 10400 Identifying Devices
- 10502 Standard Lockers
- 10520 Fire Extinguishers and Cabinets
- 10652 Operable Walls
- 10680 Storage and Shelving Systems
- 10810 Toilet Accessories



DIVISION 11: EQUIPMENT

11060 Stage Curtains and Tracks
11400 Food Service Equipment
11450 Residential Equipment
- Residential Equipment Schedule
11480 Physical Education Equipment
- Physical Education Equipment Schedule
11486 Gym Divider

DIVISION 12: FURNISHINGS

12315 Media Center Casework
- Media Center Casework Schedule
12324 Educational Casework
- Educational Casework Schedule
12380 Display Casework
12690 Floor Grid and Frames

DIVISION 13: SPECIAL CONSTRUCTION - NOT USED

DIVISION 14: CONVEYING SYSTEMS - NOT USED



VOLUME III

DIVISION 15: MECHANICAL

15000	General Mechanical Requirements
15010	Firestopping
15060	Pipe and Fittings
15080	Piping Specialties
15090	Supports, Anchors, and Seals
15100	Valves
15130	Thermostatic Mixing Valves
15140	Hot Water Return Pump and Accessories
15170	Thermometers and Gauges
15200	Piping Expansion Compensation
15210	Vibration Isolation
15250	Insulation
15404	Backflow Prevention Devices
15410	Natural Gas Piping
15423	Domestic Water Heater
15450	Plumbing Fixtures and Trim
15490	Central Vacuum Cleaning System
15500	Fire Protection
15530	Refrigeration Piping
15540	HVAC Pumps and Accessories
15557	Cast Iron Boilers
15560	Steel Fire Box Boilers
15607	Expansion Tank and Accessories
15608	Piping Specialties - HVAC
15616	Prefabricated Chimneys/Stacks
15640	Water Treatment - HVAC
15671	Reciprocating Compressor-Chiller and Air-Cooled Condenser
15752	Finned Tube Radiation
15759	Cabinet Heaters
15761	Fan Coil Units
15763	Air Handling Units and Accessories
15768	Fan-Powered Variable Volume Terminal Units
15830	Exhaust Fans
15841	Low Pressure Steel Ductwork and Accessories
15842	High Pressure Steel Ductwork
15847	Flexible Ductwork
15850	Air Distribution Devices
15855	Kitchen Hood Ventilation System
15856	VAV Linear Air Supply Diffusers and Return Slots
15901	Temperature Control System
15950	Testing and Balancing

DIVISION 16: ELECTRICAL

- 16010 General Provisions
- 16011 Temporary Work
- 16050 Basic Materials and Methods
- 16110 Raceway
- 16111 Conduit
- 16111-S Allowable Conduit Usage Schedule (1 pg.)
- 16120 Wire and Cable Power System
- 16121 Power System Wire Connections and Devices
- 16131 Pull Boxes
- 16134 Outlet Boxes
- 16134-S Outlet Locations (1 pg.)
- 16140 Wiring Devices
- 16140-S Schedule "A" & Schedule "B" (2 pgs.)
- 16150 Motors
- 16155 Starters, Disconnects, and Controllers
- 16155-S Schedules "A", "B", and "C" (3 pgs.)
- 16159 Switchboards
- 16160 Panelboards, Distribution Panels, and Cabinets
- 16170 Switches
- 16170-S Safety Switches Schedule (1 pg.)
- 16181 Fuses and Fuse Holders
- 16182 Circuit Breakers
- 16182-S Breaker Service Schedule (1 pg.)
- 16190 Hangers and Supporting
- 16400 Service and Distribution
- 16420 Power Factor Correction
- 16421 Surge Arresters
- 16450 Grounding
- 16470 Dry-Type Transformers
- 16470-S Schedule "A" (1 pg.)
- 16500 Lighting
- 16501 Lamps, Ballasts, Accessories
- 16510 Stage Dimming System
- 16666 Scorekeeping Systems
- 16700 Communication System
- 16720 Security System
- 16721 Fire Alarm and Detection System
- 16730 Clock System
- 16740 Telephone System
- 16770 Central Sound System - "CS"
- 16775 Gym/Dining/Commons Sound System
- 16950 Integrated Technology
- 16960 Computer Network System

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STOP



TABLE OF CONTENTS

VOLUME - IX

DIVISION 2: SITING WORK

- 02050 Demolition
- 02100 Site Preparation
- 02200 Earthwork
- 02280 Soil Treatment
- 02511 Asphaltic Concrete Paving
- 02516 Portland Cement Concrete Paving
- 02710 Subdrainage Systems
- 02720 Storm Sewerage Systems
- 02800 Site Improvements
- 02830 Fences and Gates
- 02862 Playground Equipment
- 02930 Lawns and Grasses
- 02950 Trees, Plants, and Ground Covers

DIVISION 3: CONCRETE

- 03100 Concrete Formwork
- 03200 Concrete Reinforcement
- 03300 Cast-In-Place Concrete
- Concrete Finish (Sched.)

DIVISION 4: MASONRY

- 04100 Mortar
- 04125 Masonry Grout
- 04150 Masonry Accessories
- 04200 Unit Masonry
- 04460 Limestone

DIVISION 5: METALS

- 05100 Structural Metal Framing
- 05200 Metal Joists
- 05300 Metal Decking
- 05500 Metal Fabrications
- 05520 Handrails and Railings

DIVISION 6: WOOD AND PLASTICS

- 06100 Rough Carpentry
- 06200 Finish Carpentry



DIVISION 7: THERMAL AND MOISTURE PROTECTION:

- 07110 Sheet Membrane Waterproofing
- 07150 Dampproofing
- 07210 Building Insulation
- 07220 Roof and Deck Insulation
- 07240 Exterior Insulation and Finish System
- 07255 Sprayed-On Fireproofing and Insulation
- 07256 Spray-On Acoustical Insulation
- 07270 Firestopping
- 07310 Shingles
- 07600 Flashing and Sheet Metal
- 07724 Prefabricated Curbs
- 07820 Metal-Framed Skylights
- 07920 Sealants and Caulking

DIVISION 8: DOORS AND WINDOWS:

- Door and Frame Schedule
 - 08110 Steel Doors and Frames
 - 08121 Flush Aluminum Doors and Frames
 - 08210 Wood Doors
 - 08521 Aluminum Windows
 - 08710 Door Hardware
 - 08800 Glazing
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DIVISION 9: FINISHES:

- Room Finish Schedule
- 09200 Lath and Plaster
- 09215 Veneer Plaster
- 09250 Gypsum Board
- 09300 Tile
- 09382 Cultured Marble Window Sills
- 09510 Acoustical Ceilings
- 09550 Wood Flooring
- 09660 Resilient Tile Flooring
- 09665 Resilient Sheet Flooring
- 09680 Carpet
- 09900 Painting
- 09955 Vinyl-Coated Fabric Wall Covering

DIVISION 10: SPECIALTIES:

- 10100 Visual Display Boards
- 10125 Projection Screens
- 10160 Metal Toilet Compartments
- 10162 Solid Plastic Toilet Compartments
- 10190 Cubicle Curtains and Tracks
- 10200 Louvers and Vents
- 10400 Identifying Devices
- 10502 Standard Lockers
- 10520 Fire Extinguishers and Cabinets
- 10652 Operable Walls
- 10680 Storage and Shelving Systems
- 10810 Toilet Accessories

DIVISION 11: EQUIPMENT

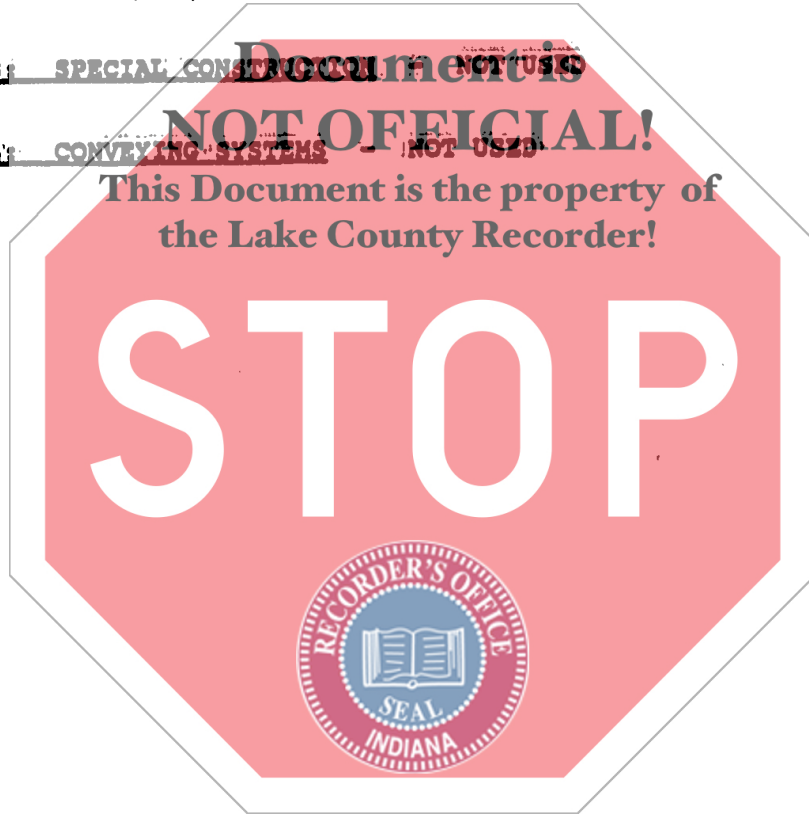
11060 Stage, Curtains and Tracks
11400 Food Service Equipment
11450 Residential Equipment
- Residential Equipment Schedule
11480 Physical Education Equipment
- Physical Education Equipment Schedule
11486 Gym Divider

DIVISION 12: FURNISHINGS

12315 Media Center Casework
- Media Center Casework Schedule
12324 Educational Casework
- Educational Casework Schedule
12380 Display Casework
12690 Floor Grid and Frames

DIVISION 13: SPECIAL CONSTRUCTION - NOT USED

DIVISION 14: CONVEYING SYSTEMS - NOT USED



VOLUME III

DIVISION 15: MECHANICAL

15000	General Mechanical Requirements
15010	Firestopping
15060	Pipe and Fittings
15080	Piping Specialties
15090	Supports, Anchors, and Seals
15100	Valves
15130	Thermostatic Mixing Valves
15140	Hot Water Return Pump and Accessories
15170	Thermometers and Gauges
15200	Piping Expansion Compensation
15210	Vibration Isolation
15250	Insulation
15404	Backflow Prevention Devices
15410	Natural Gas Piping
15423	Domestic Water Heater
15450	Plumbing Fixtures and Trim
15490	Central Vacuum Cleaning System
15500	Fire Protection
15530	Refrigeration Piping
15540	HVAC Pumps and Accessories
15557	CATV Iron Boilers
15560	Steel Fire Box Boilers
15607	Expansion Tank and Unit
15608	Piping Specialties - HVAC
15616	Prefabricated Chimneys/Stacks
15640	Water Treatment - HVAC
15671	Reciprocating Compressor Chiller and Air-Cooled Condenser
15752	Finned Tube Radiation
15759	Cabinet Heaters
15761	Fan Coil Units
15763	Air Handling Units and Accessories
15768	Fan-Powered Variable Volume Terminal Units
15830	Exhaust Fans
15841	Low Pressure Steel Ductwork and Accessories
15842	High Pressure Steel Ductwork
15847	Flexible Ductwork
15850	Air Distribution Devices
15855	Kitchen Hood Ventilation System
15856	VAV Linear Air Supply Diffusers and Return Slots
15901	Temperature Control System
15950	Testing and Balancing

DIVISION 16: ELECTRICAL

16010	General Provisions
16011	Temporary Work
16015	Firestopping
16050	Basic Materials and Methods
16110	Raceway
16111	Conduit
16111-S	Allowable Conduit Usage Schedule (1 pg.)
16120	Wire and Cable Power System
16121	Power System Wire Connections and Devices
16131	Pull Boxes
16134	Outlet Boxes
16134-S	Outlet Locations (1 pg.)
16140	Wiring Devices
16140-S	Schedule "A" & Schedule "B" (2 pgs.)
16150	Motors
16155	Starters, Disconnects, and Controllers
16155-S	Schedules "A", "B", and "C" (3 pgs.)
16159	Switchboards
16160	Panelboards, Distribution Panels, and Cabinets
16170	Switches
16170-S	Safety Switches Schedule (1 pg.)
16181	Fuses and Fuse Holders
16182	Circuit Breakers
16182-S	Breaker Schedules (1 pg.)
16190	Hangers and Supporting Devices
16400	Service and Distribution
16420	Power Factor Correction
16421	Surge Arresters
16450	Grounding
16470	Dry-Type Transformers
16470-S	Schedule "A" (1 pg.)
16500	Lighting
16501	Lamps, Ballasts, Accessories
16510	Stage Dimming System
16666	Scorekeeping Systems
16700	Communication System
16720	Security System
16721	Fire Alarm and Detection System
16730	Clock System
16740	Telephone System
16770	Central Sound System
16775	Gym/Dining/Commons Sound System
16950	Integrated Technology
16960	Computer Network System





Grinnell®

FIRE PROTECTION SYSTEMS COMPANY

DATE: March 4

TIME: _____

TO: TOM ERVIN

FAX NUMBER: 317 251-2380

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ATTN: PAUL FREESON This Document is the property of
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FROM: RAUDY KLEIN

NUMBER OF PAGES INCLUDING THIS ONE: _____

NOTES: HOBART ELEMENTARY SCHOOL

SUBCONTRACTOR MATERIAL LIST

2 COPIES VERBALLY BID PACKAGE

ANY QUESTIONS CALL (708) 834-2300

FAX NUMBER (708) 834-2350

SECTION 00430
SUBCONTRACTORS AND MATERIALS LIST

SUBCONTRACTORS AND MATERIALS LIST

1.01 GENERAL

- A.** The apparent low Bidders (up to 3) shall submit three (3) copies the following Subcontractors and Products List to the Construction Manager within twenty-four (24) hours of the date and time bids are received.
- B.** The Owner and Architect will have the right to choose the Subcontractor, Material, or Equipment for any item that the Bidder fails to list same.
- C.** Whenever products are specified and include a list of acceptable manufacturers, the Bidder shall name one of these manufacturers for Products in the following list, where applicable or the Owner or Architect/Engineer may choose to complete the information which will therewith become binding on the contractor.
- D.** After submission of this Schedule and after approval by the Owner and the Architect, it shall not be changed without written approval by the Owner, the Architect and Construction Manager.

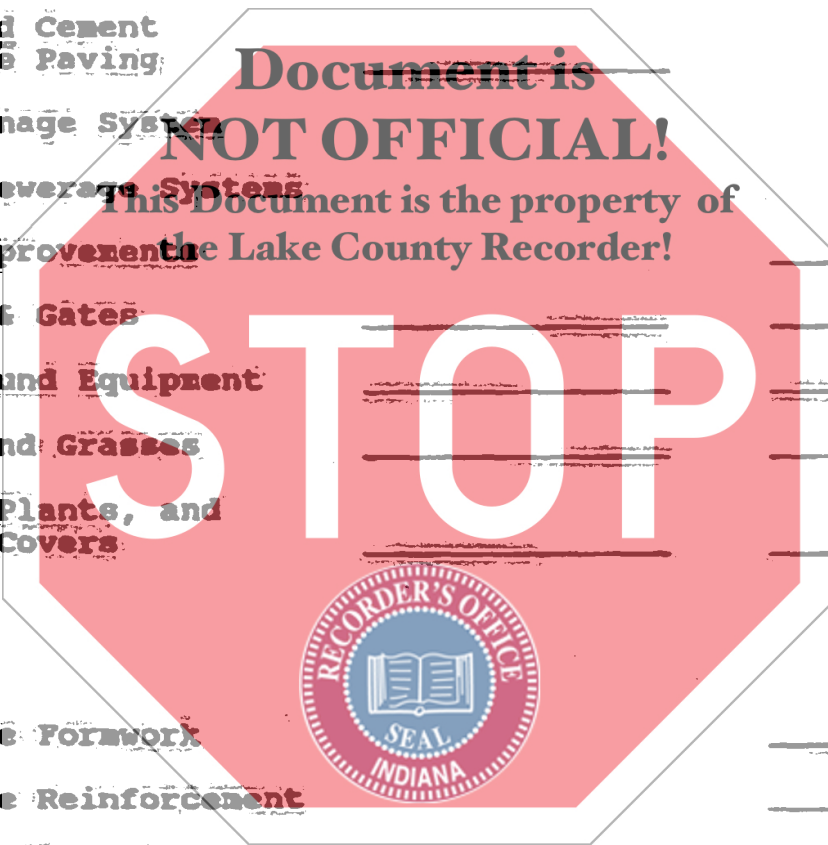
1.02 GENERAL CONSTRUCTION

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/ FABRICATOR</u>	<u>INSTALLER/ CONTRACTOR</u>
VOLUME 1				
<u>DIVISION 2 - SITE WORK</u>				
02050	Demolition			
02100	Site Preparation			
02200	Earthwork			

SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

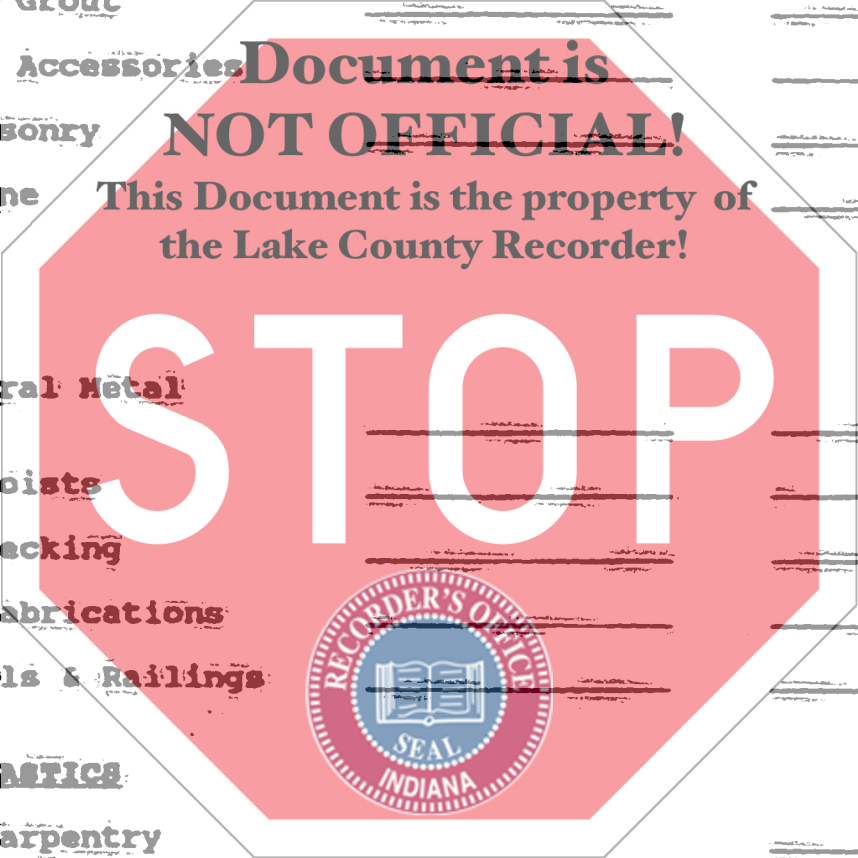
<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
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02280	Soil Treatment			
02511	Asphaltic Concrete Paving			
02516	Portland Cement Concrete Paving			
02710	Subdrainage System			
02720	Storm Sewerage Systems			
02800	Site Improvements			
02830	Fences & Gates			
02862	Playground Equipment			
02930	Lawns and Grasses			
02950	Trees, Plants, and Ground Covers			
DIVISION 3 - CONCRETE				
03100	Concrete Formwork			
03200	Concrete Reinforcement			
03300	Cast-In-Place Concrete			



SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
<u>DIVISION 4 - MASONRY</u>				
04100	Mortar			
04125	Masonry Grout			
04150	Masonry Accessories			
04200	Unit Masonry			
04460	Limestone			
<u>DIVISION 5 - METALS</u>				
05100	Structural Metal Framing			
05200	Metal Joists			
05300	Metal Decking			
05500	Metal Fabrications			
05520	Handrails & Railings			
<u>DIVISION 6 - WOOD & PLASTICS</u>				
06100	Rough Carpentry			
06200	Finish Carpentry			

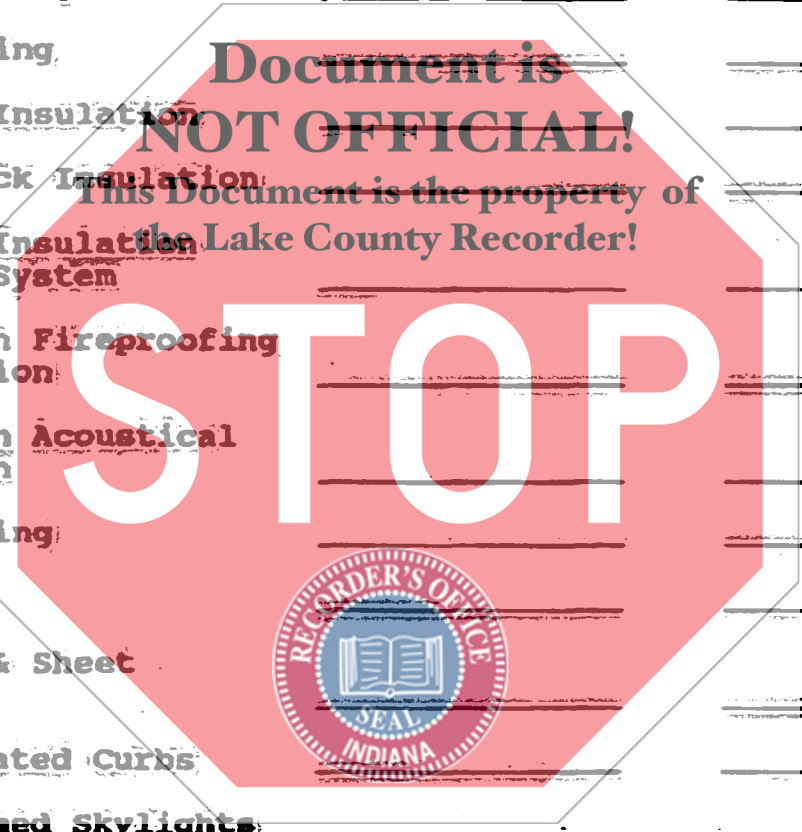


SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
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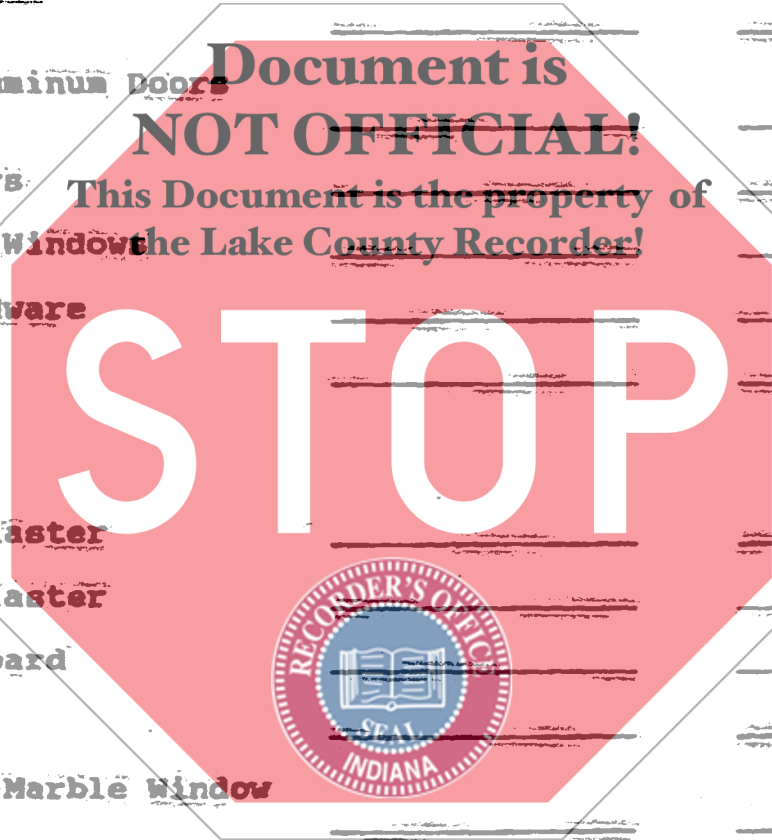
DIVISION 7 - THERMAL & MOISTURE PROTECTION

07110	Sheet Membrane Waterproofing			
07150	Dampproofing			
07210	Building Insulation			
07220	Roof & Deck Insulation			
07240	Exterior Insulation & Finish System			
07255	Sprayed-on Fireproofing & Insulation			
07256	Sprayed-on Acoustical Insulation			
07270	Firestopping			
07310	Shingles			
07600	Flashing & Sheet Metal			
07724	Prefabricated Curbs			
07820	Metal-Framed Skylights			
07920	Sealants & Caulking			



SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
<u>DIVISION 8 - DOORS & WINDOWS</u>				
08111	Steel Doors & Frames			
08121	Flush Aluminum Doors & Frames			
08210	Wood Doors			
08521	Aluminum Windows			
08710	Door Hardware			
08800	Glazing			
<u>DIVISION 9 - FINISHES</u>				
09200	Lath & Plaster			
09215	Veneer Plaster			
09250	Gypsum Board			
09300	Tile			
09382	Cultured Marble Window Sills			
09510	Acoustical Ceilings			
09550	Wood Flooring			
09660	Resilient Tile Flooring			



SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

SECTION	MATERIAL AND/OR EQUIPMENT	MANUFACTURER	SUPPLIER/FABRICATOR	INSTALLER/CONTRACTOR
09665	Resilient Sheet Flooring			
09680	Carpet			
09900	Painting			
09955	Vinyl-Coated Fabric Wall Covering			

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DIVISION 10 - SPECIALTIES

10100	Visual Display Boards			
10125	Projection Screens			
10160	Metal Toilet Compartments			
10162	Solid Plastic Toilet Compartments			
10190	Cubicle Curtains & Tracks			
10200	Louvers & Vents			
10400	Identifying Devices			
10502	Standard Lockers			
10520	Fire Extinguishers & Cabinets			
10652	Operable Walls			



SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
10680	Storage & Shelving Systems			
10810	Toilet Accessories			
<u>DIVISION 11 - EQUIPMENT</u>				
11060	Stage Curtains & Tracks			
11400	Food Service Equipment			
11450	Residential Equipment			
11480	Physical Education Equipment			
11486	Gym Divider			
<u>DIVISION 12 - FURNISHINGS</u>				
12315	Media Center Casework			
12324	Educational Casework			
12380	Display Casework			
12690	Floor Grid & Frames			
<u>DIVISION 13 - SPECIAL CONSTRUCTION</u>				
NOT USED				



SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

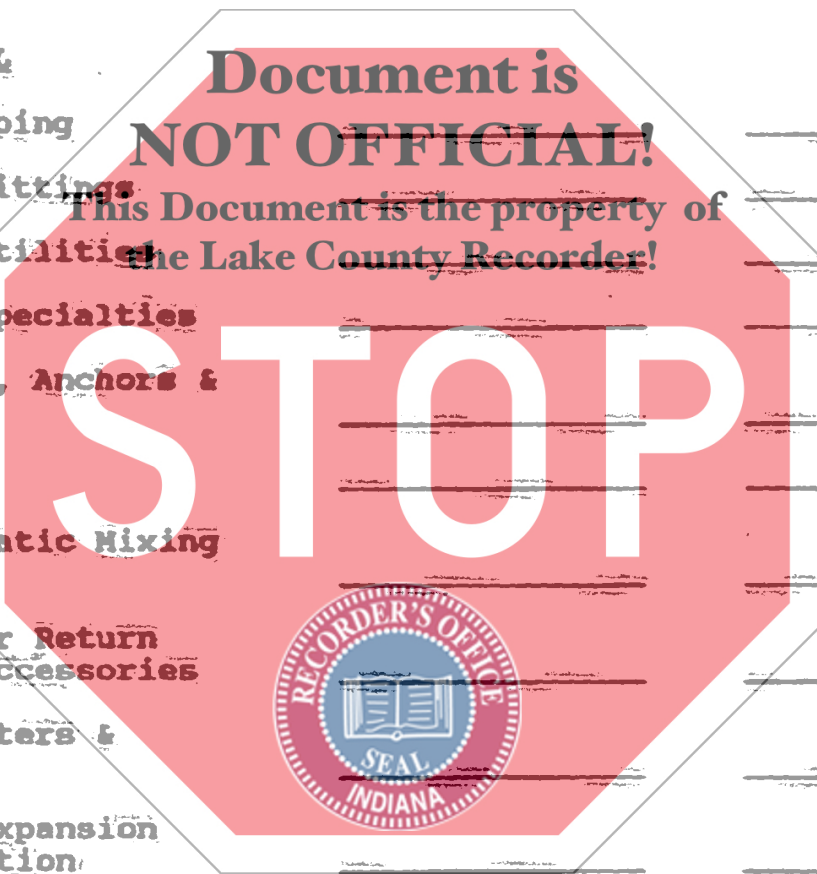
<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
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DIVISION 14 - CONVEYING SYSTEMS

NOT USED

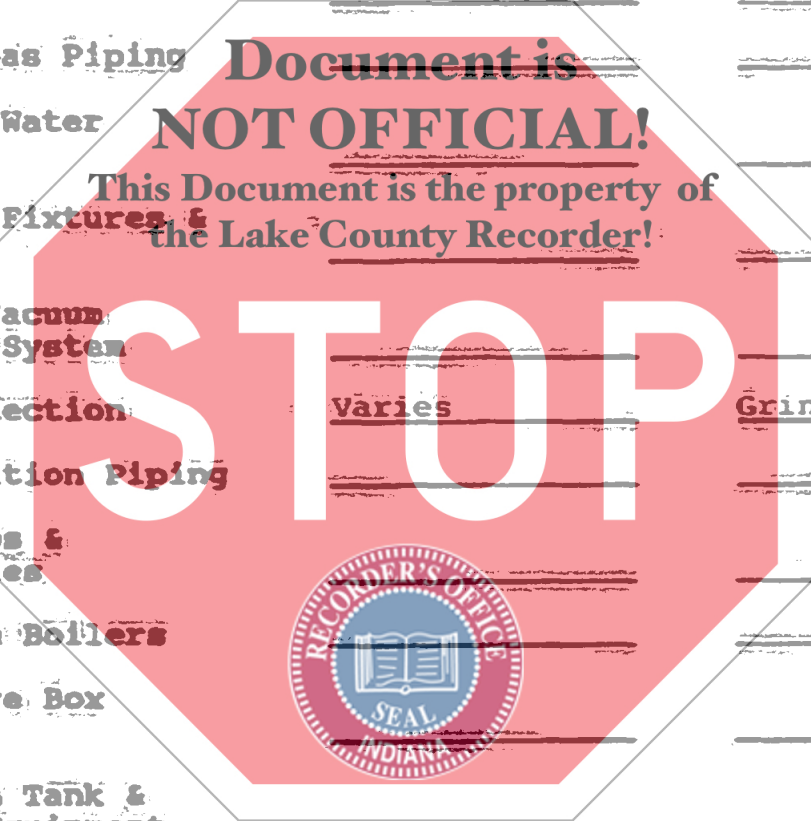
DIVISION 15 - MECHANICAL

15010	Firestopping			
15060	Pipe & Fittings			
15070	Site & Utilities			
15080	Piping Specialties			
15090	Supports, Anchors & Seals			
15100	Valves			
15130	Thermostatic Mixing Valves			
15140	Hot Water Return Pump & Accessories			
15170	Thermometers & Gauges			
15200	Piping Expansion Compensation			
15210	Vibration Isolation			
15250	Insulation			



SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION:</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
15341	Sanitary Manholes			
15404	Backflow Prevention Devices	Hersey Model DDC-2	Grinnell Supply	Grinnell Fire Prot
15410	Natural Gas Piping			
15423	Domestic Water Heater			
15450	Plumbing Fixtures & Trim			
15490	Central Vacuum Cleaning System			
15500	Fire Protection	Varies	Grinnell Fabric.	Grinnell Fire Prot
15530	Refrigeration Piping			
15540	HVAC Pumps & Accessories			
15557	Cast Iron Boilers			
15560	Steel Fire Box Boilers			
15607	Expansion Tank & Related Equipment			
15608	Piping Specialties HVAC			
15616	Prefabricated Chimneys/Stacks			



SECTION 00430 = SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
15640	Water Treatment - HVAC			
15671	Reciprocating Compressor Chiller & Air-Cooled Condenser			
15752	Finned Tube Radiation			
15759	Cabinet Heaters			
15761	Fan Coil Units			
15763	Air Handling Units & Accessories			
15768	Fan-Powered Variable Volume Terminal Units			
15830	Exhaust Fans			
15841	Low Pressure Steel Ductwork & Accessories			
15842	High Pressure Steel Ductwork			
15847	Flexible Ductwork			
15850	Air Distribution Devices			
15855	Kitchen Hood Ventilation System			



SECTION 00430 = SUBCONTRACTORS AND MATERIALS LIST

**15856 VAV Linear Air Supply
Diffusers & Return
Slots**

SECTION	MATERIAL AND/OR EQUIPMENT	MANUFACTURER	SUPPLIER/ FABRICATOR	INSTALLER/ CONTRACTOR
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**15901 Temperature Control
System**

15950 Testing & Balancing

DIVISION 16 - ELECTRICITY

16015 Firestopping

**16050 Basic Materials &
Methods**

16110 Raceway

16111 Conduit

**16120 Wire and Cable Power
System**

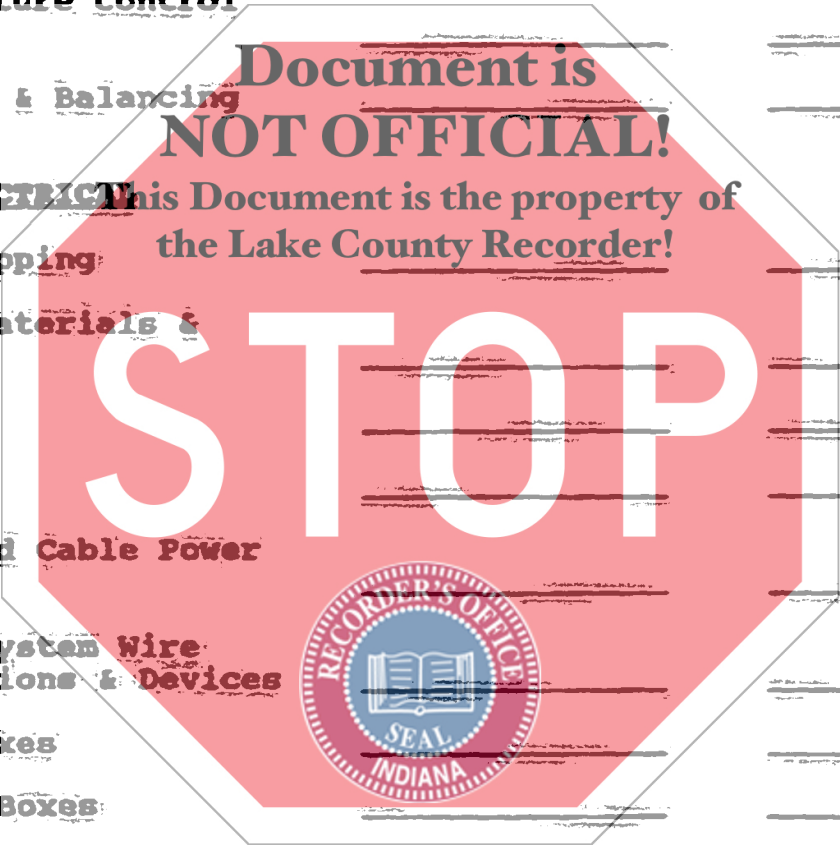
**16121 Power System Wire
Connections & Devices**

16131 Pull Boxes

16134 Outlet Boxes

16140 Wiring Devices

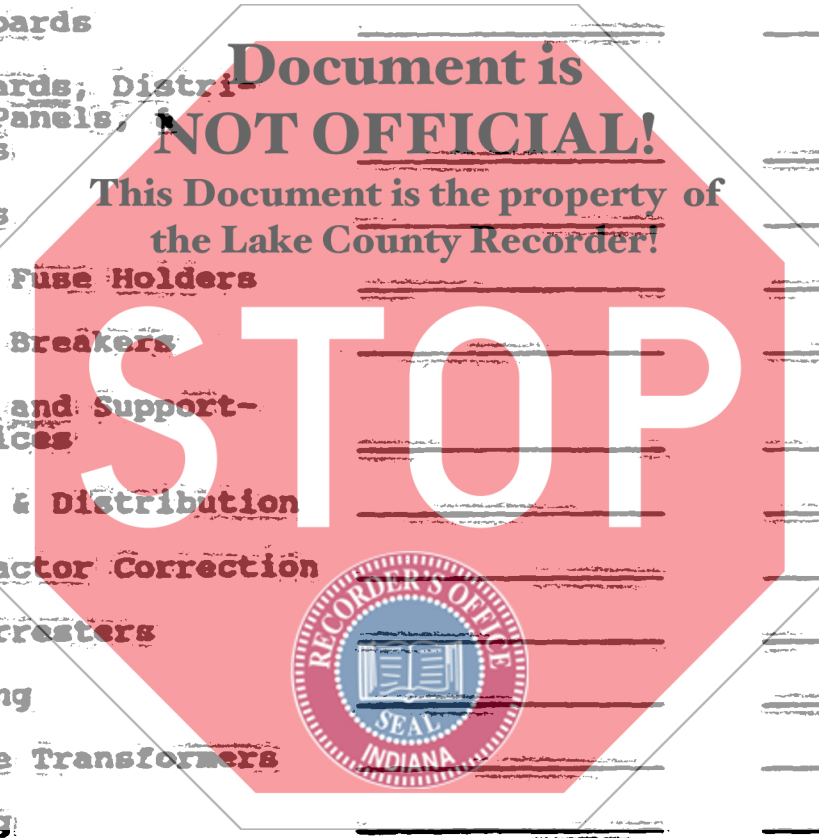
16150 Motors



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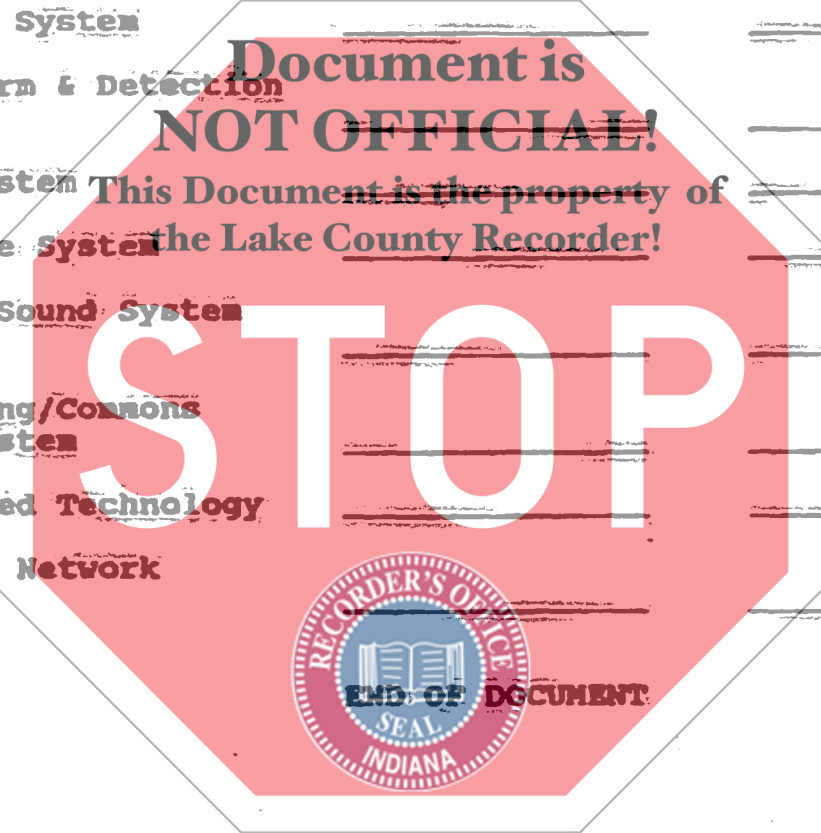
SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
15640	Water Treatment - HVAC			
16155	Starters, Disconnects & Controllers			
16159	Switchboards			
16160	Panelboards, Distribution Panels, Cabinets			
16170	Switches			
16181	Fuses & Fuse Holders			
16182	Circuit Breakers			
16190	Hangers and Supporting Devices			
16400	Service & Distribution			
16420	Power Factor Correction			
16421	Surge Arresters			
16450	Grounding			
16470	Dry-Type Transformers			
16500	Lighting			
16501	Lamps, Ballasts & Accessories			
16510	Stage Dimming System			



SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
16666	Scorekeeping System	_____	_____	_____
16700	Communication System	_____	_____	_____
16720	Security System	_____	_____	_____
16721	Fire Alarm & Detection System	_____	_____	_____
16730	Clock System	_____	_____	_____
16740	Telephone System	_____	_____	_____
16770	Central Sound System "CS"	_____	_____	_____
16775	Gyn/Dining/Commons Sound System	_____	_____	_____
16950	Integrated Technology	_____	_____	_____
16960	Computer Network System	_____	_____	_____



Grinnell

CORPORATION

558 Lamont Road
Elmhurst, IL 60126
312-834-2300
312-242-1201

CERTIFICATE

I, Bernard J. Doherty, Secretary of Grinnell Corporation, hereby certify that at a meeting of the Board of Directors of the Company held at Boston, Massachusetts, on March 6, 1984 at which a quorum was present and acting throughout, the following Resolution was duly adopted:

"VOTED: Effective March 16, 1984, each District General Manager be, and he hereby is, authorized and empowered to sign in the name and on behalf of the Company, under its corporate seal or otherwise:

All bids, proposals, tenders and contract documents with respect to the sale, design, and/or installation of fire protection systems, as well as alarm and detection systems, and to do any and all acts necessary or incident to the completion of any such contract document; provided, however, that any such bid, proposal, tender and/or contract in excess of \$500,000 must be accompanied by written approval of a Vice President, Secretary and/or an Assistant Secretary of the Company;

All documents with respect to any supplementary work (additional work, changes, modifications, etc.) concerning installation of any automatic sprinkler systems and/or alarm and detection systems pursuant to any existing contract, and to do any and all acts necessary or incident to the completion of any existing contract; and

All lien waivers, releases, discharges or privileges, inspection service contracts, contractor's affidavits, guarantees and/or surety bonds, required by, or appropriate for customers of the Company in connection with contracts to which the Company is a party and in connection with work performed by the Company."

I further certify that Steven A. Hubick is the duly appointed District General Manager for the Chicago District and that the foregoing Resolution is in full force and effect.

I further certify that at a meeting of the Board of Directors of the Company held at Exeter, New Hampshire, on

September 3, 1987, at which a quorum was present and acting throughout, the following Resolution was duly adopted:

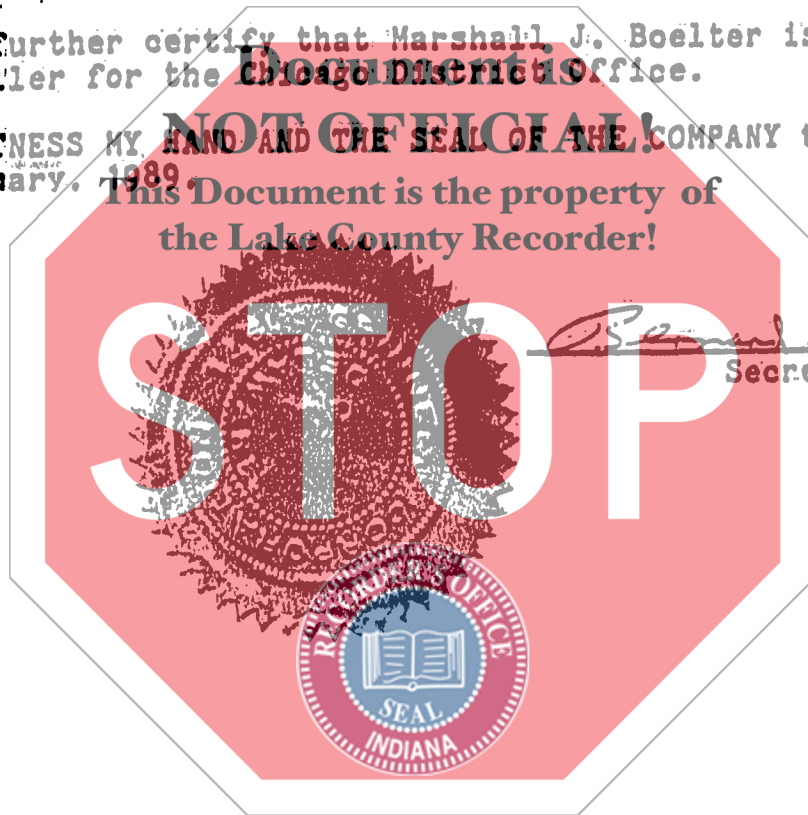
RESOLVED: That each District Controller and/or Branch Controller of the Corporation be and he hereby is authorized to sign and affix the Seal of the Company to any lien waivers, contractors' affidavits, guarantees and/or surety bonds required by, or appropriate for, customers of the Company in connection with contracts to which the Company is a party and in connection with work performed by the Company.

I further certify that the foregoing Resolution is in full force and effect.

I further certify that Marshall J. Boelter is the District Controller for the Chicago District Office.

WITNESS MY HAND AND THE SEAL OF THE COMPANY this 5th day of January, 1989.

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Richard J. Diakoff
Secretary

SECTION 00430 - SUBCONTRACTORS AND MATERIALS LIST

<u>SECTION</u>	<u>MATERIAL AND/OR EQUIPMENT</u>	<u>MANUFACTURER</u>	<u>SUPPLIER/FABRICATOR</u>	<u>INSTALLER/CONTRACTOR</u>
<u>DIVISION 14 - CONVEYING SYSTEMS</u>				
NOT USED				
<u>DIVISION 15 - MECHANICAL</u>				
15010	Firestopping	Dow Corning Foam & Sealant		Delco, Inc.
15060	Pipe & Fittings	U.S. Pipe, Tyler		Delco, Inc.
15070	Site & Utilities	By Others		
15080	Piping Specialties	Josam		Delco, Inc.
15090	Supports, Anchors & Seals	Grinnell		Delco, Inc.
15100	Valves	Nibco		Delco, Inc.
15130	Thermostatic Mixing Valves	Leonard		Delco, Inc.
15140	Hot Water Return Pump & Accessories	B & G		Delco, Inc.
15170	Thermometers & Gauges	Trefice		Delco, Inc.
15200	Piping Expansion Compensation			
15210	Vibration Isolation			
15250	Insulation	Armaflex		Valley Insulation P.O. Box 414 Mishawaka, IN 46544

