# **PROJECT MANUAL**

**FOR** 

# **New Flooring and Flooring Replacement At Brown County Elementary School Brown County Community Unit School District #1** Mt. Sterling, Illinois

Prepared for

**Brown County CUSD #1 503 NW Cross Street** Mt. Sterling, IL 62353

By

# **ARCHITECHNICS**

Architects / Engineers / Interior Designers 510 Maine Street Quincy, Illinois 62301

April 10, 2020

State of Illinois Design Firm License Number 184,00461,0007 Architect / Engineer's Project No. 5917B

Illingis Registered Licensed Architect 001020813

License expires: 11/30/20

04/10/2020 Date



# **TABLE OF CONTENTS**

DIVISION 00	PROCUREMENT AND CONTRACTING REQUIREMENTS	
00 0101	PROJECT TITLE PAGE	1
00 1113	ADVERTISEMENT FOR BIDS	2
00 2113	INSTRUCTIONS TO BIDDERS	1
00 2213	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS	3
00 3126	EXISTING HAZARDOUS MATERIAL INFORMATION	1
00 4113	BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)	2
00 4550	ILLINOIS EMPLOYMENT PRACTICES	2
00 4850	CERTIFICATE OF COMPLIANCE WITH ILLINOIS DRUG FREE WORKPLACE ACT	2
00 4870	CERTIFICATE OF COMPLIANCE WITH ILLINOIS HUMAN RIGHTS ACT	2
00 4880	CERTIFICATE REGARDING CRIMINAL BACKGROUND INVESTIGATIONS	2
00 7334	REQUIREMENTS FOR SUBSTANCE ABUSE PREVENTION PROGRAM	2
00 7343	WAGE RATE REQUIREMENTS	2
DIVISION 09	FINISHES	
09 6513	RESILIENT BASE AND ACCESSORIES	6
09 6519	RESILIENT TILE FLOORING	6

# SECTION 00 0101 PROJECT TITLE PAGE

# 1.1 PROJECT MANUAL VOLUME 1

- A. New Flooring and Flooring Replacement at Brown County Elementary School
- B. Brown County CUSD #1.
- C. Mt. Sterling, Illinois.
- D. Architect Project No. 5917B.
- E. Architechnics Inc.
- F. 510 Maine St. FL 10.
- G. Quincy, Illinois, 62301.
- H. Phone: 217-222-0554.
- I. Fax: 217-223-3361.
- J. Website: www.architechnicsinc.com.
- K. Issued: April 10, 2020

# **END OF DOCUMENT 00 0101**

PROJECT TITLE PAGE 00 0101 - 1

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PROJECT TITLE PAGE 00 0101 - 2

# SECTION 00 1113 ADVERTISEMENT FOR BIDS

## 1.1 PROJECT INFORMATION

- A. Notice to Bidders: Qualified bidders may submit bids for project as described in this Document. Submit bids according to the Instructions to Bidders.
- B. Project Identification: New Flooring and Flooring Replacement at Brown County Elementary School
- C. Owner: Brown County CUSD #1.
- D. Architect: Architechnes, Inc.
- E. Project Description: Project consists of new flooring and flooring replacement.
- F. Construction Contract: Bids will be received for the following Work:
  - 1. General Contract (all trades).

# 1.2 BID SUBMITTAL AND OPENING

- A. Owner will receive sealed lump sum bids until the bid time and date at the location given below. Owner will consider bids prepared in compliance with the Instructions to Bidders issued by Owner, and delivered as follows:
  - 1. Bid Date: May 7, 2020
  - 2. Bid Time: 2:00 p.m. local time.
  - 3. Location: Brown County Community School District #1, Board Office, 501 NW Cross St., Mt. Sterling, IL 62353
- B. Bids will be thereafter publicly opened and read aloud.

#### 1.3 BID SECURITY

A. Bid security shall be submitted with each bid in the amount of 5 percent of the bid amount. No bids may be withdrawn for a period of 60 days after opening of bids. Owner reserves the right to reject any and all bids and to waive informalities and irregularities.

# 1.4 DOCUMENTS

A. Online Procurement and Contracting Documents: Obtain access after April 10, 2020 by contacting the Architect. Online access will be provided to all registered bidders and suppliers.

#### 1.5 TIME OF COMPLETION

A. Successful bidder shall begin the Work on receipt of the Notice to Proceed and shall complete the Work within the Contract Time.

# 1.6 BIDDER'S QUALIFICATIONS

A. Bidders must be properly licensed under the laws governing their respective trades and be able to obtain insurance and bonds required for the Work. A Performance Bond, separate Labor and Material Payment Bond, and Insurance in a form acceptable to Owner will be required of the successful Bidder.

# 1.7 NOTIFICATION

A. This Advertisement for Bids document is issued by Brown County CUSD #1.

## **END OF DOCUMENT 00 1113**

# SECTION 00 2113 INSTRUCTIONS TO BIDDERS

# 1.1 INSTRUCTIONS TO BIDDERS

- A. AIA Document A701, "Instructions to Bidders," is hereby incorporated into the Procurement and Contracting Requirements by reference.
  - 1. A copy of AIA Document A701, "Instructions to Bidders," is bound in this Project Manual.

**END OF DOCUMENT 00 2113** 

# SECTION 00 2213 SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

## 1.1 INSTRUCTIONS TO BIDDERS

- A. Instructions to Bidders for Project consist of the following:
  - 1. AIA Document A701, "Instructions to Bidders," a copy of which is bound in this Project Manual.
  - 2. The following Supplementary Instructions to Bidders that modify and add to the requirements of the Instructions to Bidders.

# 1.2 SUPPLEMENTARY INSTRUCTIONS TO BIDDERS, GENERAL

A. The following supplements modify AIA Document A701, "Instructions to Bidders." Where a portion of the Instructions to Bidders is modified or deleted by these Supplementary Instructions to Bidders, unaltered portions of the Instructions to Bidders shall remain in effect.

#### 1.3 ARTICLE 2 - BIDDER'S REPRESENTATIONS

- A. Add Section 2.1.7:
  - 1. 2.1.3.1 The Bidder has investigated all required fees, permits, and regulatory requirements of authorities having jurisdiction and has properly included in the submitted bid the cost of such fees, permits, and requirements not otherwise indicated as provided by Owner.
- B. Add Section 2.1.8:
  - 2.1.5 The Bidder is a properly licensed Contractor according to the laws and regulations
    of the State of Illinois and meets qualifications indicated in the Procurement and
    Contracting Documents.
- C. Add Section 2.1.9:
  - 1. 2.1.6 The Bidder has incorporated into the Bid adequate sums for work performed by installers whose qualifications meet those indicated in the Procurement and Contracting Documents.

# 1.4 ARTICLE 3 - BIDDING DOCUMENTS

- A. 3.2 Interpretation or Correction of Procurement and Contracting Documents:
  - 1. Add Section 3.2.2.1:
    - a. 3.2.2.1 Submit Bidder's Requests for Interpretation using industry standard form .
- B. 3.4 Addenda:
  - 1. Delete Section 3.4.3 and replace with the following:

a. 3.4.3 - Addenda may be issued at any time prior to the receipt of bids.

# 2. Add Section 3.4.4.1:

- 3.4.4.1 Owner may elect to waive the requirement for acknowledging receipt of 3.4.4 Addenda as follows:
  - 3.4.4.1.1 Information received as part of the Bid indicates that the Bid, as submitted, reflects modifications to the Procurement and Contracting Documents included in an unacknowledged Addendum.
  - 2) 3.4.4.1.2 Modifications to the Procurement and Contracting Documents in an unacknowledged Addendum do not, in the opinion of Owner, affect the Contract Sum or Contract Time.

#### 1.5 ARTICLE 4 - BIDDING PROCEDURES

- A. 4.1 Preparation of Bids:
  - 1. Add Section 4.1.1.1:
    - a. 4.1.1.1 Printable electronic Bid Forms and related documents are available from Architect
  - Add Section 4.1.9:
    - a. 4.1.9 Owner may elect to disqualify a bid due to failure to submit a bid in the form requested, failure to bid requested alternates or unit prices, failure to complete entries in all blanks in the Bid Form, or inclusion by the Bidder of any alternates, conditions, limitations or provisions not called for.
- B. 4.4 Modification or Withdrawal of Bids:
  - 1. Add the following sections to 4.4.2:
    - a. 4.4.2.1 Such modifications to or withdrawal of a bid may only be made by persons authorized to act on behalf of the Bidder. Authorized persons are those so identified in the Bidder's corporate bylaws, specifically empowered by the Bidder's charter or similar legally binding document acceptable to Owner, or by a power of attorney, signed and dated, describing the scope and limitations of the power of attorney. Make such documentation available to Owner at the time of seeking modifications or withdrawal of the Bid.
    - b. 4.4.2.2 Owner will consider modifications to a bid written on the sealed bid envelope by authorized persons when such modifications comply with the following: the modification is indicated by a percent or stated amount to be added to or deducted from the Bid; the amount of the Bid itself is not made known by the modification; a signature of the authorized person, along with the time and date of the modification, accompanies the modification. Completion of an unsealed bid form, awaiting final figures from the Bidder, does not require power of attorney due to the evidenced authorization of the Bidder implied by the circumstance of the completion and delivery of the Bid.

#### 1.6 ARTICLE 5 - CONSIDERATION OF BIDS

- A. 5.2 Rejection of Bids:
  - 1. Add Section 5.2.1:
    - a. 5.2.1 Owner reserves the right to reject a bid based on Owner's and Architect's evaluation of qualification information submitted following opening of bids. Owner's evaluation of the Bidder's qualifications will include: status of licensure and record of compliance with licensing requirements, record of quality of completed work, record of Project completion and ability to complete, record of financial management including financial resources available to complete Project and record of timely payment of obligations, record of Project site management including compliance with requirements of authorities having jurisdiction, record of and number of current claims and disputes and the status of their resolution, and qualifications of the Bidder's proposed Project staff and proposed subcontractors.

# 1.7 ARTICLE 7 - PERFORMANCE BOND AND PAYMENT BOND

- A. 7.1 Bond Requirements:
  - 1. Add Section 7.1.1.1:
    - a. 7.1.1.1 Both a Performance Bond and a Payment Bond will be required, each in an amount equal to 100 percent of the Contract Sum.
- B. 7.2 Time of Delivery and Form of Bonds:
  - 1. Delete the first sentence of Section 7.2.1 and insert the following:
    - a. The Bidder shall deliver the required bonds to Owner no later than 10 days after the date of Notice of Intent to Award and no later than the date of execution of the Contract, whichever occurs first. Owner may deem the failure of the Bidder to deliver required bonds within the period of time allowed a default.
  - 2. Delete Section 7.2.3 and insert the following:
    - a. 7.2.3 Bonds shall be executed and be in force on the date of the execution of the Contract.

# **END OF DOCUMENT 00 2213**

# SECTION 00 4113 BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1	BID INFORMATION			
A.	Bidder:			
Proje	ect Name: New Flooring and Flooring Replacement at Brown County Elementary School			
A.	Project Location: Mt. Sterling, Illinois.			
B.	Owner: Brown County CUSD #1.			
C.	Architect: Architechnics Inc.			
D.	Architect Project Number: 5917B.			
1.2	CERTIFICATIONS AND BASE BID			
A.	Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Architechnics, Inc and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:			
	1 Dollars			
	(\$).			
1.3	ALTERNATE BID A-1: SUBSTITUTE LVT FOR VCT – SEE PLANS			
A.	This alternate bid is an allowance alternate to provide LVT flooring in lieu of VCT flooring as indicated on drawings for base bid category.			
B.	Alternate Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Architechnics, Inc and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:			
	1 Dollars			

# 1.2 ALTERNATE BID A-2: DEMO FLOORING, GRIND SLABS, NO NEW FLOORING IN SELECT ROOMS – SEE PLANS

- A. This alternate is a presumed deductive alternate to demolish flooring as designated by this contract (other flooring may be demolished in separate asbestos abatement project), grind floor slabs smooth and omit specified flooring in select rooms (106, 130, 131, 132, 133, 134, and 137). If this alternate bid is selected the owner will demolish and replace under-floor plumbing in the future and will install new flooring in rooms identified at a later date. Bare concrete floors will be in service until other future work is undertaken.
- B. Alternate Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Architechnics, Inc and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

1.					Dollars
	(\$	). Add or Deduct (	circle one	)	

# **BID GUARANTEE**

C. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1.		Dollars
	(\$).	

D. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

# 1.3 TIME OF COMPLETION

A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work within 60 calendar days.

1.4	ACKNOWLEDGEMENT OF ADDENDA			
A.	. The undersigned Bidder acknowledges receipt of and use of the following Addenda in preparation of this Bid:			
	1.       Addendum No. 1, dated         2.       Addendum No. 2, dated         3.       Addendum No. 3, dated         4.       Addendum No. 4, dated			
1.5	CONTRACTOR'S LICENSE			
A.	The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in the State of Illinois, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.			
1.6	SUBMISSION OF BID			
A.	Respectfully submitted this day of, 2020.			
B.	Submitted By:(Name of bidding firm or corporation).			
C.	Authorized Signature:(Handwritten signature).			
D.	Signed By:(Type or print name).			
E.	Title:(Owner/Partner/President/Vice President).			
F.	Street Address:			
G.	City, State, Zip:			
Н.	Phone:			

**END OF DOCUMENT 00 4113** 

# SECTION 00 4550 ILLINOIS EMPLOYMENT PRACTICES

#### **PART 1 - GENERAL**

## 1.1 SUMMARY

A. In addition to all other labor requirements set forth in this proposal and in the Standard Specifications, during the performance of this contract, the Contractor for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

#### 1.2 SELECTION OF LABOR

A. The Contractor shall comply with all Illinois statutes pertaining to the selection of labor. If, at the time this contract is executed, or if during the term of this contract, there is excessive unemployment in Illinois as defined in the employment of Illinois Workers on Public Works Acts, 30 ILCS 570-0.01et seq., as two consecutive months of unemployment exceeding 5%, the Contractor is required to employ Illinois laborers. An "Illinois laborer" is defined as any person who has resided in Illinois for at least thirty (30) days and intends to become or remain an Illinois resident. (This section placed on hold March 19, 2003, contractor to verify status for compliance)

# 1.3 EQUAL EMPLOYMENT OPPORTUNITY

- A. In the event of the Contractor's non-compliance with the provisions of the Equal Employment Opportunity Clause, the Illinois Human Right's Act, or the Rules and Regulations of the Illinois Department of Human Rights ("Department"), the Contractor may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation. During the performance of this contract, the Contractor agrees as follows:
  - 1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, age, marital status, physical or mental handicap unrelated to ability, or unfavorable discharge from military service, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such under utilization.
  - 2. That, if it hires additional employees in order to perform this contract or any portion hereof, it will determine the availability of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
  - 3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin, ancestry, age, marital status, physical or mental handicap unrelated to ability or unfavorable discharge from military service.
  - 4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under

the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with such Act and Rules and Regulations, the Contractor will promptly so notify the Illinois Department of Human Rights and the Local Contracting Agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder. That it will submit reports as required by the Department of Human Rights Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the Local Contracting Agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.

- 5. That it will permit access to all relevant books, records, accounts and work sites by personnel of the Local Contracting Agency and the Illinois Department of Human Rights for purposes of Investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
- 6. That it will include verbatim or by reference the provision of this clause in every subcontract so that such provisions will be binding upon every such subcontractor. In the same manner as with other provisions of this contract, the Contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and further it will promptly notify the Local Contracting Agency and the Illinois Department of Human Rights in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

**END OF SECTION 00 4550** 

# SECTION 00 4850 CERTIFICATE OF COMPLIANCE WITH ILLINOIS DRUG-FREE WORKPLACE ACT

<b>1.1</b> A.	CERTIFICATE OF COMPLIANCE WITH ILLINOIS DRUG-FREE WORKPLACE ACT INFORMATION
	Contractor, having 25 employees, does herby certify pursuant to Section 3 of the Illinois Drug-Free Workplace Act (III. Rev. Stat. ch. 127 par. 132.313) that he, she, it shall provide a drug free workplace for all employees engaged in the performance of work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certified, that he, she, it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.
B.	Firm Name:
C.	By: (Authorized Agent of Contractor)

**END OF SECTION 00 4850** 

# SECTION 00 4870 CERTIFICATE OF COMPLIANCE WITH ILLINOIS HUMAN RIGHTS ACT

# 1.1 CERTIFICATE OF COMPLIANCE WITH ILLINOIS HUMAN RIGHTS ACT INFORMATION A. Contractor, does herby certify pursuant to P.A. 87-1257, the Illinois Human Rights Act, that he, she, it has adopted a written sexual harassment policy that includes at a minimum the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under Illinois law; (iii) a description of sexual harassment, utilizing examples; (iv) an employer's internal complaint process, including penalty; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights Commission; (vi) directions on how to contact the Department and Commission; and (vi) directions on how to contact the Department and Commission; and (vii) protection against retaliation as provided by section 6-101 or the Illinois Human Rights Act. Firm Name: \_\_\_\_\_ B. By: \_\_\_\_\_\_ (Authorized Agent of Contractor) C.

**END OF SECTION 00 4870** 

# SECTION 00 4880 CERTIFICATE REGARDING CRIMINAL BACKGROUND INVESTIGATIONS

## 1.1 DESCRIPTION

A. All employees performing work inside the building or in other ways in direct contact with students shall be required to have and pass a background check performed by the local ROE (Regional Office of Education). The cost of these background investigations shall be the responsibility of the contractor (\$50 per background check). The ROE does not accept credit or debit cards. Employees are to fill out and bring the attached forms with them to receive their background check. A list of employee's names to have their background checked shall be provided by each contractor prior to having the background checks performed for tracking purposes. Contractors to schedule appointments for background checks directly with the ROE's office.

#### 1.2 CERTIFICATION REGARDING CRIMINAL BACKGROUND INVESTIGATION INFORMATION

Contractor hereby represents, warrants, and certifies that no officer or director thereof has any Α. knowledge that any employee has been convicted of committing or attempting to commit "Criminal Code of 1961," 720ILCS, Sections 5/11-6 (Indecent solicitation of a child), 5/11-9 (Public indecency), 5/11-14 (Prostitution), 5/11-15 (Soliciting for a prostitute), 5/11-15.1 (Soliciting for a juvenile prostitute), 5/77-19 (Pimping), 5/11-19.1 (Juvenile pimping), 5/11-19.2 Exploitation of a child, 5/11-20 (Obscenity), 5/11-20.1 (Sexual assault), 5/13-14 (Aggravated criminal sexual abuse), and/or those offenses defined in the "Cannabis Control Act," 720 ILCS, 550/ et. seq. (except the "Illinois Controlled Substance Act," 720 ILCS 570/100 et. seq. and/or any offense committed or attempted in any other state or against the laws of the United States. which if committed or attempted in this State, would have been punishable as one or more of the foregoing offenses. Contractor further agrees that it shall not employ any person who have or may have direct, daily contact with the pupils or any school in the district, and for whom a criminal background investigation has not been conducted pursuant hereto and further represents and agrees that all applicants for any such employment shall furnish with their applications the attached written "Authorization for a Criminal Background Information" form authorizing the Board of Education to request a criminal background investigation of said applicant pursuant to Section 5/10-21.9 of the School Code of Illinois and to receive criminal history record information pursuant thereto to determine if the applicant has been convicted of committing or attempting to commit any of the criminal or drug offenses enumerated above. Contractor further represents, warrants, and verifies that no applicant for employment with respect to whom the criminal investigation reveals any conviction for committing and/or attempting to commit any of the above enumerated offenses, shall be employed thereby in any position that involves or may involve contact with the students of the school district. This certification is executed on the date hereinafter indicated by the designated contractor by its duly authorized officer.

By:
Its:
Dated:

**END OF SECTION 00 4880** 

# SECTION 00 7334 REQUIREMENTS FOR SUBSTANCE ABUSE PREVENTION PROGRAM

Before any contractor commences work on a public works program, the contractor shall have in place a written program that meets or exceeds the requirement in "820 ILCS 265, Public Act 95-635, Substance Abuse Prevention on Public Works Projects Act", or shall have a collective bargaining agreement in effect dealing with the subject matter in the above Act.

The prime contractor and all subcontractors shall file with the Owner, a copy of the "Substance Abuse Prevention Program" along with a cover letter certifying their program meets or exceeds the requirements of the Act, or a letter certifying that the prime contractor and subcontractors have a collective bargaining agreement in effect dealing with the subject matter of the above Act.

**END OF SECTION 00 7334** 

# SECTION 00 7343 WAGE RATE REQUIREMENTS

The successful bidder and his subcontractors will be required to pay not less than the Prevailing Wage Rate for workmen engaged in work under this contract, with the provisions of an act of the General Assembly of the State of Illinois entitled "An Act Regulating the Wage of Laborers, Mechanics, and other workmen employed in any public works by the State, County, City or any Public Body, or any Political Subdivision or by any one under contract for public works," by act approved July 11, 1957, as amended. Attached to and made part of these Contract Documents is the current prevailing wage rate decision that will govern during the proposed work, and includes hourly rates, overtime rates, and all required fringe benefit rates.

The successful bidder and his subcontractors will be required to conform to provisions of Chapter 48, Illinois Revised Statutes, Paragraphs 2201 through 2207 "Employment of Illinois Workers on Public Works Projects" for workmen engaged in work under this contract.

It shall be the responsibility of the Contractor and any subcontractors to allow the City of Quincy, the Illinois Department of Labor, and any authorized representative of any government agency involved in the funding of this project, access to and the right to examine all records, books, papers, payrolls, or documents related to this construction project. This right shall extend from the time of execution of the contract through the entire time period of the work, and ending three (3) years after the final pay estimate is disbursed.

Certified payroll records shall be submitted on a monthly basis to the public body in charge of the construction project, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the contractor is aware that filing records he or she knows to be false is a Class B misdemeanor.

If the Illinois Department of Labor revises during the term of this contract the prevailing rate of hourly wages to be paid to the Contractor shall apply to this contract.

For the current Wage Rate Requirements, go to website:

https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevailing-wage-rates.aspx

**END OF SECTION 00 7343** 

# SECTION 09 6513 RESILIENT BASE AND ACCESSORIES

# **PART 1 - GENERAL**

## 1.1 SUMMARY

- A. Section Includes:
  - 1. Thermoplastic-rubber base.
  - Rubber stair accessories.

## 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For each exposed product and for each color and texture specified, not less than 12 inches long.
- C. Samples for Verification: For each type of product indicated and for each color, texture, and pattern required in manufacturer's standard-size Samples, but not less than 12 inches long.
- D. Product Schedule: For resilient base and accessory products. Use same designations indicated on Drawings.

#### 1.3 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Furnish not less than 10 linear feet for every 500 linear feet or fraction thereof, of each type, color, pattern, and size of resilient product installed.

# 1.4 DELIVERY, STORAGE, AND HANDLING

A. Store resilient products and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F.

# 1.5 FIELD CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 95 deg F, in spaces to receive resilient products during the following periods:
  - 1. 48 hours before installation.
  - 2. During installation.
  - 3. 48 hours after installation.

- B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.
- C. Install resilient products after other finishing operations, including painting, have been completed.

#### **PART 2 - PRODUCTS**

## 2.1 THERMOPLASTIC-RUBBER BASE

- A. <u>Manufacturers:</u> Subject to compliance with requirements, provide products by the following:
  - 1. Johnsonite; a Tarkett company.
- B. Product Standard: ASTM F 1861, Type TP (rubber, thermoplastic).
  - 1. Group: I (solid, homogeneous).
  - 2. Style and Location:
    - Style B, Cove: Provide in areas indicated on Drawings .
- C. Thickness: 0.125 inch.
- D. Height: As indicated on Drawings.
- E. Lengths: Cut lengths 48 inches long or coils in manufacturer's standard length.
- F. Outside Corners: Job formed.
- G. Inside Corners: Job formed .
- H. Colors: As indicated on Drawings .

# 2.2 RUBBER STAIR ACCESSORIES

- A. Fire-Test-Response Characteristics: As determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.
  - 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.
- B. Manufacturers: Subject to compliance with requirements, provide products by the following:
  - 1. Johnsonite; a Tarkett company.
- C. Stair Treads: ASTM F 2169.
  - 1. Type: TS (rubber, vulcanized thermoset).
  - 2. Class: 2 (pattern; embossed, grooved, or ribbed).
  - 3. Group: 2 (with contrasting color for the visually impaired).
  - 4. Nosing Style: Square, adjustable to cover angles between 60 and 90 degrees .
  - 5. Nosing Height: 1-1/2 inches 2 inches 2-3/16 inches.

- 6. Thickness: 1/4 inch and tapered to back edge.
- 7. Size: Lengths and depths to fit each stair tread in one piece or, for treads exceeding maximum lengths manufactured, in equal-length units.
- 8. Integral Risers: Smooth, flat; in height that fully covers substrate.
- D. Landing Tile: As indicated on Drawings.
- E. Locations: Provide rubber stair accessories in areas indicated.
- F. Colors and Patterns: As indicated on Drawings .

# 2.3 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland-cement-based or blended hydraulic-cement-based formulation provided or approved by resilient-product manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by resilient-product manufacturer for resilient products and substrate conditions indicated.
- C. Stair-Tread Nose Filler: Two-part epoxy compound recommended by resilient stair-tread manufacturer to fill nosing substrates that do not conform to tread contours.
- D. Metal Edge Strips: Anodized aluminum, style as indicated on Drawings, of height required to protect exposed edges of flooring, and in maximum available lengths to minimize running joints.

#### **PART 3 - EXECUTION**

# 3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
  - 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.
  - 1. Installation of resilient products indicates acceptance of surfaces and conditions.

# 3.2 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.
- B. Concrete Substrates for Resilient Stair Accessories: Prepare horizontal surfaces according to ASTM F 710.
  - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.

- 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
- 3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 10 pH.
- 4. Moisture Testing: Perform tests so that each test area does not exceed 200 sq. ft., and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.
  - a. Anhydrous Calcium Chloride Test: ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. or as recommended by manufacturer in 24 hours.
  - b. Relative Humidity Test: Using in-situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level measurement.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install resilient products until materials are the same temperature as space where they are to be installed.
  - 1. At least 48 hours in advance of installation, move resilient products and installation materials into spaces where they will be installed.
- E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient products.

# 3.3 RESILIENT BASE INSTALLATION

- A. Comply with manufacturer's written instructions for installing resilient base.
- B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.
- C. Install resilient base in lengths as long as practical without gaps at seams and with tops of adjacent pieces aligned.
- D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
- E. Do not stretch resilient base during installation.
- F. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.
- G. Job-Formed Corners:
  - 1. Outside Corners: Use straight pieces of maximum lengths possible and form with returns not less than 3 inches in length.
    - a. Form without producing discoloration (whitening) at bends.

- 2. Inside Corners: Use straight pieces of maximum lengths possible and form with returns not less than 3 inches in length.
  - a. Miter or cope corners to minimize open joints.

# 3.4 RESILIENT ACCESSORY INSTALLATION

- A. Comply with manufacturer's written instructions for installing resilient accessories.
- B. Resilient Stair Accessories:
  - Use stair-tread-nose filler to fill nosing substrates that do not conform to tread contours.
  - 2. Tightly adhere to substrates throughout length of each piece.
  - 3. For treads installed as separate, equal-length units, install to produce a flush joint between units.
- C. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor covering that would otherwise be exposed.

# 3.5 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protecting resilient products.
- B. Perform the following operations immediately after completing resilient-product installation:
  - 1. Remove adhesive and other blemishes from surfaces.
  - 2. Sweep and vacuum horizontal surfaces thoroughly.
  - 3. Damp-mop horizontal surfaces to remove marks and soil.
- C. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Cover resilient products subject to wear and foot traffic until Substantial Completion.

# **END OF SECTION 09 6513**

# SECTION 09 6519 RESILIENT TILE FLOORING

## **PART 1 - GENERAL**

## 1.1 SUMMARY

- A. Section Includes:
  - 1. Vinyl composition floor tile.

## 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For each type of resilient floor tile.
  - 1. Include floor tile layouts, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.
  - 2. Show details of special patterns.
- C. Samples: Full-size units of each color, texture, and pattern of floor tile required.

# 1.3 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

# 1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For each type of floor tile to include in maintenance manuals.

# 1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are competent in techniques required by manufacturer for floor tile installation and seaming method indicated.
  - 1. Engage an installer who employs workers for this Project who are trained or certified by floor tile manufacturer for installation techniques required.

# 1.6 DELIVERY, STORAGE, AND HANDLING

A. Store floor tile and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F. Store floor tiles on flat surfaces.

## 1.7 FIELD CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 95 deg F , in spaces to receive floor tile during the following periods:
  - 1. 48 hours before installation.
  - 2. During installation.
  - 3. 48 hours after installation.
- B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer.
- C. Close spaces to traffic during floor tile installation.
- D. Close spaces to traffic for 48 hours after floor tile installation.
- E. Install floor tile after other finishing operations, including painting, have been completed.

## **PART 2 - PRODUCTS**

## 2.1 PERFORMANCE REQUIREMENTS

- A. Fire-Test-Response Characteristics: For resilient floor tile, as determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.
  - 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sg. cm.

# 2.2 VINYL COMPOSITION FLOOR TILE

- A. <u>Manufacturers:</u> Subject to compliance with requirements, provide products by the following:
  - 1. Armstrong World Industries, Inc.
- B. Tile Standard: ASTM F 1066, Class 2, through pattern .
- C. Wearing Surface: Smooth.
- D. Thickness: 0.125 inch.
- E. Size: As indicated on Drawings.
- F. Colors and Patterns: As indicated on Drawings.

# 2.3 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, portland-cement-based or blended hydraulic-cement-based formulation provided or approved by floor tile manufacturer for applications indicated.

- B. Adhesives: Water-resistant type recommended by floor tile and adhesive manufacturers to suit floor tile and substrate conditions indicated.
- C. Floor Polish: Provide protective, liquid floor-polish products recommended by floor tile manufacturer.

#### **PART 3 - EXECUTION**

## 3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
  - 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor tile.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

## 3.2 PREPARATION

- A. Prepare substrates according to floor tile manufacturer's written instructions to ensure adhesion of resilient products.
- B. Concrete Substrates: Prepare according to ASTM F 710.
  - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
  - 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by floor tile manufacturer. Do not use solvents.
  - 3. Alkalinity and Adhesion Testing: Perform tests recommended by floor tile manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing.
  - 4. Moisture Testing: Perform tests so that each test area does not exceed 200 sq. ft., and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.
    - Anhydrous Calcium Chloride Test: ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. in 24 hours.
    - b. Relative Humidity Test: Using in-situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level measurement.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install floor tiles until materials are the same temperature as space where they are to be installed.
  - 1. At least 48 hours in advance of installation, move resilient floor tile and installation materials into spaces where they will be installed.

E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient floor tile.

#### 3.3 FLOOR TILE INSTALLATION

- A. Comply with manufacturer's written instructions for installing floor tile.
- B. Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.
  - 1. Lay tiles in pattern indicated .
- C. Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.
  - 1. Lay tiles in pattern of colors and sizes indicated.
- D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.
- E. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent marking device.
- G. Install floor tiles on covers for telephone and electrical ducts, building expansion-joint covers, and similar items in installation areas. Maintain overall continuity of color and pattern between pieces of tile installed on covers and adjoining tiles. Tightly adhere tile edges to substrates that abut covers and to cover perimeters.
- H. Adhere floor tiles to substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

#### 3.4 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protecting floor tile.
- B. Perform the following operations immediately after completing floor tile installation:
  - 1. Remove adhesive and other blemishes from surfaces.
  - 2. Sweep and vacuum surfaces thoroughly.
  - 3. Damp-mop surfaces to remove marks and soil.
- C. Protect floor tile from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

- D. Floor Polish: Remove soil, adhesive, and blemishes from floor tile surfaces before applying liquid floor polish.
  - 1. Apply Manufacturer's recommended number of coats, minimum of (3) coat(s).
- E. Cover floor tile until Substantial Completion.

# **END OF SECTION 09 6519**

NEW FLOORING AND FLOORING REPLACEMENT AT BROWN COUNTY ELEMENTARY SCHOOL

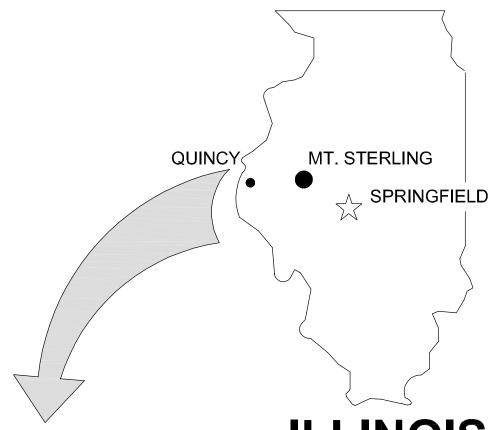
# BROWN COUNTY COMMUNITY UNIT SCHOOL DISTRICT #1

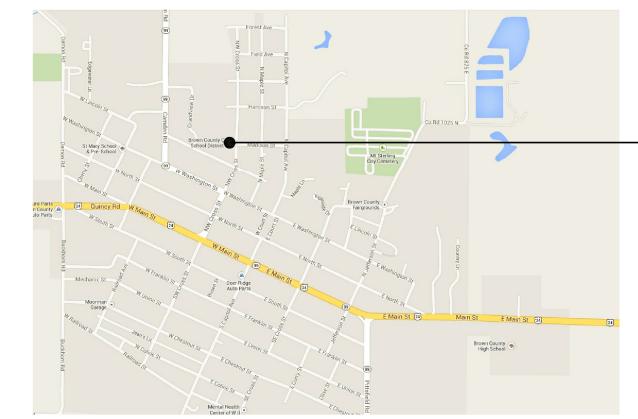
MT. STERLING, BROWN COUNTY, ILLINOIS

# GENERAL NOTES

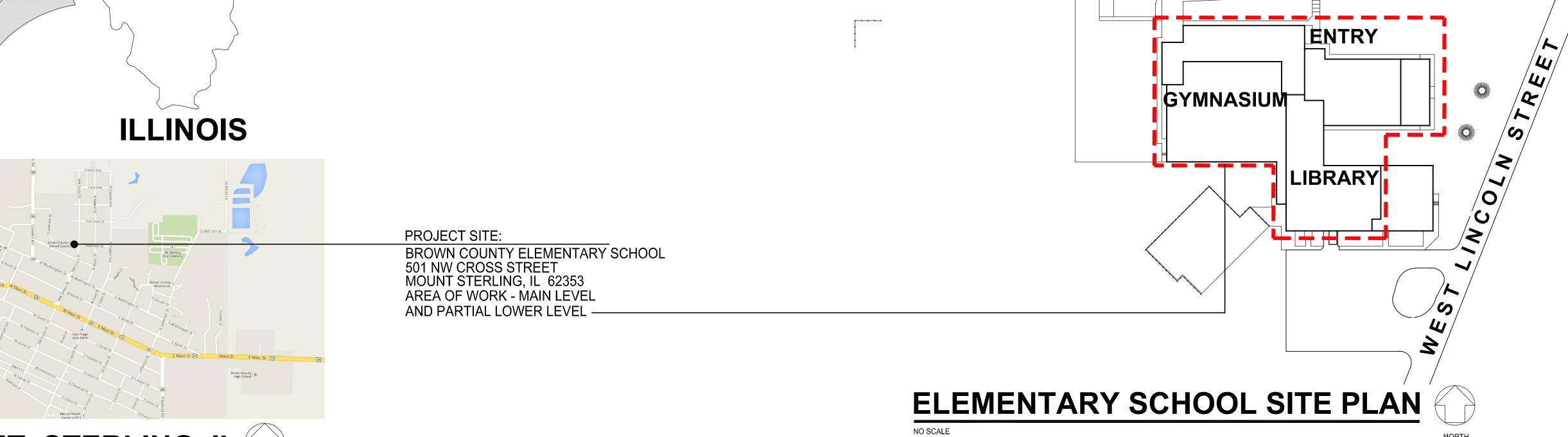
- CONTRACTOR TO VERIFY ALL DIMENSIONS.
- 2. ANY DISCREPANCIES BETWEEN STATED AND EXISTING

- CODES AND RECEIVE LOCAL AND STATE APPROVAL WHERE
- SHALL ALSO COMPLY WITH ALL CITY, COUNTY, AND STATE BUILDING LAWS, ORDINANCES, OR REGULATIONS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DAMAGE DURING THE CONSTRUCTION OF HIS WORK, AND SHALL BEAR THE COST OF REPLACING SAME.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES, OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION OF THE WORK, CAUSED BY HIMSELF, HIS SUBCONTRACTOR, OR THE CARELESSNESS OF ANY OF HIS EMPLOYEES.
- 9. THE CONTRACTOR MUST UNDERSTAND THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SAME IS ACCEPTED, AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY.
- 10. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY WORKS FOR THE PROTECTION OF THE WORK, INCLUDING BARRICADES, WARNING SIGNS, LIGHTS, ETC.





MT. STERLING, IL



G100

1101

INDEX OF DRAWINGS

**ELEMENTARY SCHOOL MAIN LEVEL FINISH PLAN** 

NORTHWEST CROSS STREET

**COVER SHEET** 

#### ABBREVIATIONS DRAWING SHT. SHEET M.H. MANHOLE ABOVE FINISHED FLOOR DRINKING FOUNTAIN MFGR. SIMILAR MANUFACTURER ADD'N. EA. M.T. S.C. SOLID CORE MARBLE TILE **EACH WAY** AIR CONDITIONING E.W. MK. SPECIFICATION **ELASTOMERIC MEMBRANE** A.H.U. AIR HANDLING UNIT STAIN AND VARNISH MASONRY OPENING ALT S.S. STAINLESS STEEL MATL. ELEC. ELECTRIC ALUM ALUMINUM STD. STANDARD **ELECTRIC PANELBOARD** MECH. MECHANICAL A.D.A. AMERICANS WITH STL. MET. **ELEVATION** DISABILITIES AC STOR. STORAGE MIN. ELEV. **ELEVATOR** MINIMUM MISC. ST.S. STORM SEWER EXHAUST MISCELLANEOUS AUTO. S.G.T. STRUCTURAL GLAZED M.R. MOISTURE RESISTANT EXHAUST FAN BM. MTD. **EXIST** MOUNTED BR'G. BEARING N.D. NAPKIN DISPENSEI EXPANSION JOIN BITUMINOUS N.I.C. NOT IN CONTRACT EXTERIOR BLK'G. NOM. NOMINAL TACK BOARD **EXTERIOR INSULATION** BLDG TAPE AND SAND NO. FINISH SYSTEM NUMBER TELECOMMUNICATIONS OFC. FABRIC WALL COVERING OFFICE BTM. DEVICE FOR DEAF ON CENTER BRICK PAVERS OPG. TEMPERED GLASS OPENING BLDG. BUILDING F.E.C. FIRE EXTINGUISHER OPP. HND. OPPOSITE HAND TEMPERED REFLECTIVE BUR **BUILT-UP ROOF** OVERHEAD CA. CARPET **TERRAZZO** CAST IRON PR. TERRAZZO TILE PAIR CAT CATALOG FLOOR DRAIN THICK/THICKNESS PARTN. PARTITION CLG. CEILING FLOURESCENT PERFORATED THRESHOLD CERAMIC TILE C.T. TOILET PAPPER P.D. PRESSURE DROP C.W.B. **CERAMIC WALL BASE** FOUNDATIION TONGUE AND GROOVE PLAS. PLASTIC C.B. CHALK BOARD G.P.M. **GALLONS PER MINUTE** TOP AND BOTTOM P.S. PLUMBING STACK CLOS. GALV GALVANIZED TRANSITION PLUMBING VENT C.O. **CLEAN OUT** TREADS COMPANY **GLAZED WALL TILE** POLYVINYL CHLORIDE COMP. COMPOSITION **UNDERWRITERS** P.S.F. POUNDS PER SQUARE CONC CONCRETE G.F.B. GROUND FACE BRICK LABORATORIES C.M.U. CONCRETE MASONRY UNLESS NOTED PREFIN. PREFINISHED CONDENSATION UTILITY POLE HANDICAPPED QUANTITY CONN. CONNECTION HANDRAIL VAPOR BARRIER QUARRY TILE CONST. CONSTRUCTION **HARDWARE** RAD. VERTICAL RADIUS CONSTRUCTION JOINT HEATING, VENTILATING, VESTIBULE RECEP. RECEPTACLE CONTINUOUS & AIR CONDITIONING REFERENCE VINYL COMPOSITION CONTR. CONTRACTOR RETURN AIR COR'D CORRUGATED **HOLLOW CORE** R.H. RIGHT HAND VINYL WALL CORR. CORRIDOR **HOLLOW METAL** COVERING RISERS CNTR. COUNTER HORIZ. HORIZONTAL ROOF DRAIN VITRIFIED CLAY PIPE CRUSHED ROCK INCORPORATED WATER CLOSET RUBBER BASE CUBIC FEET PER INSULATION RUBBER COVE BASE WELDED WIRE FABRIC INSUL.G. INSULATED GLASS WIDTH REQD. REQUIRED DEMOLITION JAN. JANTOR WINDOW R.O.W. RIGHT OF WAY DET JOINT W.G. WIRE GLASS RM. ROOM DIAMETER JOINT FILLER ROUGH IN DIM. DIMENSION JST. JOIST WITH OUT ROUGH OPENING DISP. DISPENSER JUNCTION BOX WOOD DIV. R.S.T. RUBBER STAIR TREAD DIVISION LAMINATE TREADS R.T. RUBBER TILE LAVATORY TYPICAL SANITARY (SEWER) DBL. DOUBLE LEFT HAND UNDERWRITERS SCHED. SCHEDULE DOWNSPOUT LONG

