



Robert Burkey
Director of Facilities
201 N. Forest Avenue
Independence, MO 64050
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Carpet/VCT Flooring Request for Proposal

2017- FAC 008

Proposal Due:

February 17, 2017
11:00 a.m.

1. Background

1.1. Notice

1.1.1. Independence School District (the "District") seeks a contractor ("Contractor") to perform district flooring repairs/replacement. If your firm is interested, please submit the information requested in this Request for Proposal (RFP) to the Independence School District office by 11:00 a.m. on February 17, 2017. All information necessary for the submittal is contained in this RFP.

1.2. RFP Schedule

- 1.2.1. Issue RFP: February 3, 2017
- 1.2.2. Deadline to schedule inspection of property: February 16, 2017, 8:00 a.m.
- 1.2.3. Deadline to submit written questions: February 10, 2017, 4:00 p.m.
- 1.2.4. Deadline to submit proposals: February 17, 2017, 11:00 a.m.
- 1.2.5. Vendor selection date: March 14, 2017, 6:00 p.m.

2. Description of Services (or Project)

2.1. Type

2.1.1. Carpet Tiles

2.1.1.1. See Specification #1-Kinetex Textile Composite Flooring

2.1.1.2. All are to quote Kinetex Umbra 1819 or Umbra Stripe 1820

2.1.1.3. Substitutions

2.1.1.3.1. Acceptable Substitutions

2.1.1.3.1.1. See Specification #2- Milliken Color Field Modular Tile

2.1.2. Thermoplastic- Rubber Base

2.1.2.1. See Specification #5- Pinnacle Rubber Base

2.1.2.2. Substitutions

2.1.2.2.1. Acceptable Substitutions

2.1.2.2.1.1. Allstate Rubber Corp., Armstrong World Industries, Burke Mercer Flooring Products, Flexco, Mondo Rubber, Nora Systems, Inc. & VPI, LLC.

2.1.3. Resilient Tile Flooring (VCT)

2.1.3.1. See Specification #3- Armstrong- Standard Excelon

2.1.4. ALL other substitutions must be noted on outside of BID envelope and be accompanied by documentation as to why it is comparable. A Sample must be provided and it is the sole discretion of the DISTRICT as to whether a substitute is equal or better.

2.2. Locations

2.2.1. Bingham Middle, Nowlin Middle, Benton Elementary, Bryant Elementary, Santa Fe Elementary, Spring Branch Elementary, Sycamore Hills Elementary, Randall Elementary, and Luff Elementary.

2.2.1.1. See specific Locations in Appendix A

2.3. Equipment

2.4. Inspection

2.4.1. Contractor must visit each site before submitting their proposal and be responsible for all measurements on the project. Contractor is responsible for exact measurements.

2.5. Project Schedule

2.5.1. Vendor selection date: March 14, 2017, 6:00 p.m. Board of Education Meeting

2.5.2. Contract date: March 15, 2017

2.5.3. Planned commencement of service: March 15, 2017. Specific locations will be scheduled after contract awarded by working with Contractor and District.

2.5.4. Planned substantial completion of service: Site specific agreed upon by District time PO is issued.

- 2.5.5. Planned final completion of service: Site specific agreed upon by District time PO is issued.

3. Scope of Services

3.1. Maintenance Coverage

3.2. Hours of service

District Buildings are available from 6:00 a.m. till 10:00 p.m. during non-student contact days.

3.3. Terms and conditions

3.3.1. Contractor is to provide tear out, disposal, and installation to factory specifications as noted in specifications 1-5.

3.3.2. Exact styles, collection and colors will be picked with by District after award of bid by winning Contractor.

3.4. Exclusions

3.5. Term

3.5.1. March 15, 2017 through July 20, 2018 with same pricing or agreed upon annual increase.

3.5.2. Renewals- Contractor is to hold prices good for a period of 1 year from the Start date of March 15, 2017.

3.5.3. Start date

3.5.3.1. March 15, 2017

3.5.4. Date of substantial completion

3.5.4.1. Site Specific

3.5.5. Date of final completion

3.5.5.1. Site Specific

4. Required Insurance

4.1. Liability

4.1.1. \$100,000 per incident

4.1.2. \$300,000 per year

4.2. Workers Compensation

4.2.1. Statutory limits

4.3. Bond

- 4.3.1. Payment: Amount of Agreement
- 4.3.2. Performance: Amount of Agreement

5. Disclosures and notifications

5.1. Conflicts of interest

- 5.1.1. Proposal must state whether proposer has any professional, business, or familial relationship with any current member of the Board of Education of the District or with any administrator of the District.

5.2. Cooperative Procurement

- 5.2.1. Indicate whether, if the District accepted your proposal, you would provide the same products and services under the same prices and terms to any public school district or any other non-profit organization having membership in the Greater Suburban Cooperative of School Districts (currently 19 local district members), Mid-America Council of Public Purchasing (MACPP), Mid-America Regional Counsel (MARC) and/or located within the greater Kansas City metropolitan trade area.
- 5.2.2. The prices, terms, and conditions of this RFP and any subsequent term agreement would control the terms of any subsequent agreement from date of contract for a period of not less than 1 calendar year.
- 5.2.3. Organizations represented by GSCSD, MACPP or MARC have no obligation under the cooperative procurement agreement to use the RFP, proposal, or agreement unless they are specifically named in the RFP as a joint respondent.
- 5.2.4. The ordering jurisdiction will issue purchase orders and be responsible for all receiving, inspection, payments and other agreement administration.
- 5.2.5. Each jurisdiction that is a party to the joint proposal may act as Administrative Contracting Officer with responsibility to issue purchase orders, inspect and receive goods, make payments, and handle disputes involving shipment to the jurisdiction.

6. Contract terms

6.1. E-Verify

- 6.1.1. Missouri law requires all companies doing business under contracts greater than \$5,000 with government entities to attest that all their employees and subcontractor's employees are "lawfully present in the United States."

6.2. Prevailing Wage

- 6.2.1. Missouri law requires agreements to contain the following prevailing wage terms: "A wage of no less than the prevailing hourly rates of wages for work of a similar character in the locality in which the work is performed shall be paid to all workmen employed by or on behalf of any public body engaged in public works exclusive of

maintenance work” (§ 290.220) and “Not less than the prevailing hourly rate of wages specified in wage determination as requested from the State shall be paid to all workers performing work under this contract” (§ 290.250). The contractor shall forfeit as a penalty to the State, County, City, and County, City, Town, District or other political sub-division on whose behalf the contract is made or awarded. Ten (\$10.00) Dollars for each worker employed, for each calendar day, or portion thereof such worker is paid less than the said stipulated rates for any work done under this contract by him or by any sub-contractor under him. § 290.250. All payroll records of the contractor are to be submitted to the School District, with the approved Prevailing Wage Statement, prior to final acceptance of the project.

6.3. Liquidated Damages

- 6.3.1. The District may assess liquidated damages for work not completed as agreed upon for up to \$50 per day.

6.4. Applicable law

- 6.4.1. Missouri law will govern contracts entered into pursuant to this RFP.

6.5. Termination

- 6.5.1. The District may terminate contracts entered into pursuant to this RFP without cause upon 30 days notice.

6.6. Compliance with laws and policies

- 6.6.1. Proposer must comply with all federal and state anti-discrimination laws.
- 6.6.2. All work shall be done in strict accordance with the provisions of the current edition of the building codes adopted by the City of Independence, Missouri and all city ordinances in effect during performance of this contract.
- 6.6.3. Contractor must be licensed to do business in the City of Independence.
- 6.6.4. All work shall meet or exceed the Americans with Disabilities Guidelines.
- 6.6.5. *A-133 Compliance Supplement*: The contractor must certify that they and their principals are not debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal Department or Agency.
- 6.6.6. *Excessive Unemployment*: The Missouri Department of Labor and Industrial Relations has determined that a period of “Excessive Unemployment” remains in effect and will remain in effect if the unemployment rate exceeds 5% in the state of Missouri. Only Missouri laborers and laborers from nonrestrictive states are allowed by law to be employed on Missouri’s public works projects. (See Sections 290.550 through 290.580 RSMo).
- 6.6.7. *AHERA Notification*: the District has completed the removal of friable asbestos in all District school buildings. In addition, all facilities have now been inspected by a

certified asbestos inspector as required under the ASBESTOS HAZARD EMERGENCY RESPONSE ACT OF 1986 (AHERA). A copy of the AHERA Plan has been filed with the State of Missouri and a copy is on file with each building administrator. The AHERA Plan is available for inspection during regular school hours.

- 6.6.8. *OSHA Training:* As a condition of the Contract entered pursuant to this RFP, a Contractor must provide a 10-hour Occupational Safety and Health Administration (OSHA) Construction Safety Program ("Program") for Contractor's on-site employees as mandated by RSMo 292.675. Said Program must include a course in construction safety and health approved by OSHA or a similar program approved by the Missouri Department of Labor and Industrial Relations. This requirement includes the following: All of Contractors' on-site employees must complete the Program within 60 days of beginning work on the Project; Any employee found on the work site subject to this requirement without documentation of the successful completion of the Program will be given 20 days to produce such documentation before being subject to removal from the Project; Contractor's failure to comply with these requirements will subject it to penalties. Contractor shall forfeit as a penalty to the Owner \$2,500.00 plus \$100.00 for each employee employed by Contractor or Contractor's Subcontractor, for each calendar day, or portion thereof, such employee is employed to work under this Contract without the required training. Said penalty shall not accrue until the period in subsections 1 and 2 have elapsed. Contractor will be subject to said penalties notwithstanding any other provision to the contrary in this Construction Contract. Contractor shall require its contracts with all Subcontractors to contain these provisions. Contractor shall be responsible for penalties to Owner due to any Subcontractor's employees' failure to produce documentary evidence of training in the required Program. Contractor may withhold all sums necessary to cover any penalty from Subcontractor by suing in the circuit court of the county in which the project is located. Contractor shall have no right of recovery against Owner
- 6.6.9. *Lead Paint Guidelines:* After April 22, 2010, contractors and their individual crew members working in pre-1978 school buildings that are child occupied and residential properties will be required to obtain their Renovator Certification by an accredited EPA Training Provider.

6.7. Background Checks

- 6.7.1. Contracts entered pursuant to this RFP must require that all employees who have unsupervised interaction with students will be fingerprinted and background checked under the background checks required by the District's Board Policies. Results of background checks of employees working directly with students must be provided to District. District reserves the right to refuse to allow any employee access to students if the employee completes no background check acceptable to the District.

6.8. Indemnity

- 6.8.1. The District will not agree to indemnify any contractor for its own negligence, for injuries or damages that do not arise from acts or omission of the District, or for injuries or damages for which the District has sovereign immunity.

6.9. Change orders

- 6.9.1. Change orders that exceed the greater of \$15,000 or 5% of the total originally contracted amount are subject to Board approval prior to performance of the work and are subject to re-bid. (See Board Policy 7210.)

6.10. Proposed contract

- 6.10.1. Proposals must include a copy of proposed contracts or service agreements if available or disclose terms required by the proposer of this RFP.

7. Interpretation, Questions, Withdrawal

7.1. Interpretation

- 7.1.1. The District will make no oral interpretations for proposers of meaning of the terms in this RFP.
- 7.1.2. Requests for interpretations to the meaning of this RFP must also be made in writing to Independence School District not later than 10:00 a.m., March 1, 2017 and failure by the successful proposer to do so shall not relieve the proposer of the obligations to execute such services under a later interpretation by the school district.
- 7.1.3. All interpretations made to the proposers will be issued in addenda to the RFP and will be posted on the ISD website ISDSchools.org and be the sole responsibility of the Bidder to obtain and acknowledge.

7.2. Questions

- 7.2.1. Submit written questions to the following person:

Robert Burkey
Robert_Burkey@idschools.org

Director of Facilities
201 N. Forest Avenue
Independence, MO 64050
816-521-5330

7.3. Withdrawal

- 7.3.1. Any Contractor may withdraw his proposal prior to the scheduled closing time for receipt of proposals.
- 7.3.2. No proposal shall be withdrawn for thirty (30) days after the scheduled closing time for receipt of proposals.

8. Quote

8.1. Amount- U.S. Dollars

8.2. Rate- U.S. Dollars

9. Proposal submission and opening

9.1. Submission

- 9.1.1. Submit proposals in a sealed envelope marked "DISTRICT FLOORING PROPOSAL 2017-FAC 008" and deliver to the following address and person:

Robert Burkey
Director of Facilities
201 N. Forest Avenue
Independence, MO 64050
816-521-5330

9.2. Opening

- 9.2.1. The proposals will be opened and publicly read at the following location on the following date and time:

Date: February 17, 2017

Time: 11:00 a.m.

Location: Facilities Office
201 N. Forest Avenue
Independence, MO 64050.

10. Reservation of Rights

10.1. INDEPENDENCE SCHOOL DISTRICT RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL PROPOSALS AND WAIVE ANY INFORMALITY IN THE PROPOSAL OR REQUEST FOR PROPOSAL.

11. Proposal Evaluation

11.1. Award

- 11.1.1. The contract will be awarded to the firm submitting the best responsible proposal complying with this RFP if the proposal is reasonable and in the best interest of the District to accept. The firm selected will be notified at the earliest practical date. The decision regarding acceptability of any firm's qualifications/proposal shall remain entirely with the District, at the District's sole discretion. The criteria for making this judgment will include but not be limited to price, demonstrated capability, past work completed and general responsiveness to the RFP.
- 11.1.2. The District notifies all proposers that minority business enterprises will be afforded full opportunity to submit proposals in response to this Request and will not be discriminated against on the grounds of race, color, or national origin in consideration of an award. Proposer agrees that should any person who performs work because of race, religion, color, sex, national origin, or ancestry.

- 11.1.3. The District reserves the right to reject any or all proposals, to waive any informalities or technical defects in proposals, and unless otherwise specified by the District, to accept any item or groups of items in the proposal, as in the best interest of the District.

11.2. Acceptance Period

- 11.2.1. All proposal offers must be firm for 120 days to allow for a signed contract. After that, prices are to be good for 1 calendar year from the contract date of March 15, 2017 unless mutually agreed upon.

12. Vendor List

- 13. Submit the following pages, completely filled out, in sealed envelope. Exclude Appendix A and Specifications.**

FEDERAL WORK AUTHORIZATION PROGRAM AFFIDAVIT

I, _____, being of legal age and having been duly sworn upon my oath, state the following facts are true:

1. I am over twenty-one years of age; and know of the matters set forth.
2. I am employed by _____ ("Company") and have authority to issue this affidavit on its behalf.
3. Company is enrolled in and participating in the United States E-Verify federal work authorization program regarding Company's employees working in connection with the services Company is providing to, or will provide to, the District, to the extent allowed by E-Verify.
4. Company does not knowingly employ any person who is an unauthorized alien in connection with the services the Company is providing to, or will provide to, the District.

FURTHER AFFIANT SAYETH NOT.

By: _____
(individual signature)

For _____
(company name)

Title: _____

Subscribed and sworn to before me on this _____ day of _____, 201____.

NOTARY PUBLIC

My commission expires:

BID PROPOSAL SUBMISSION FORM – ISD FLOORING REPLACEMENT

Proposal of _____ (hereinafter called "Bidder"), organized and existing under the laws of the State of _____, doing business as _____ a corporation, _____ a partnership, _____ an individual (circle one) to the Board of Education, School District of Independence, Missouri (hereinafter called "Owner").

1. In compliance with your Advertisement for Bids, Bidder hereby proposes to perform all work for the INDEPENDENCE SCHOOL DISTRICT – ISD FLOORING REPLACEMENT in strict accordance with the Contract Documents, within the time set forth herein and at the prices stated below. Bidder should propose on individual base bids for specific project locations as noted below. Owner will award contract per individual base bid.
2. The Bidder hereby understands that Liquidated Damages for the delay in completions shall be \$50.00 per calendar day.
3. By submission of this Bid, each Bidder certifies, and in the case of a joint Bid each party thereto certifies as to its own organization, that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.
4. Bidder acknowledges receipt of the following ADDENDA: _____.

5. The undersigned, having familiarized itself with local conditions affecting the cost of the work at the place where the work is to be done and with all Bidding Documents, including the Instructions to Bidders, Plans and Specifications, General and Supplementary Conditions, the Standard Form of Agreement and the other Contract Documents, and having examined the location of the proposed work and considered the availability of labor and materials, hereby proposes and agrees to perform everything required to be performed, and to provide and furnish any and all labor, materials, supervision, necessary tools, equipment, and all utility and transportation service necessary to perform and complete in a workmanlike and timely manner all of the work required for the project, all in strict conformance with the Instructions to Bidders and other Contract Documents (including Addenda noted above, the receipt of which is hereby acknowledged), for the lump sums hereinafter specified.

6. The bidder hereby certifies that the following subcontractors will be used in the performance of the work on each or both projects. ALL General Contractors MUST furnish a copy of their proposed Sub-Contractor List by 4:00 PM CDT on bid day to be considered as valid. If not submitted at the time of Bidding, the list may be delivered, emailed (Robert_Burkey@idschools.org) to the District offices, but must be received by no later than the time listed above.

February 3, 2017

RESPECTFULLY SUBMITTED:

Signature

Name (Please type or write clearly)

Company Name

Street

City, State, Zip Code

SEAL - (if BID is by a corporation)

Title

Date

Telephone Number Fax Number

Email address

License number (if applicable)

Umbra | 1819 / Umbra Stripe | 1820

Kinetex Textile Composite Flooring



Umbra | 1819/Umbra Stripe | 1820

Kinetex Textile Composite Flooring

Colorways



1760 Shade



1761 Twilight



1762 Opaque



1787 Opaque Stripe*



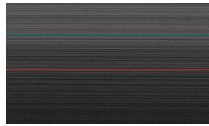
1763 Diffuse



1788 Diffuse Stripe*



1764 Shadow



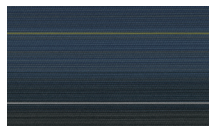
1789 Shadow Stripe*



1765 Dusk



1766 Eclipse



1799 Eclipse Stripe*

*The accent colors in Umbra Stripe have a varied placement across four plank modules. In order to view the two accent color placements prior to order specification, multiple plank samples may be required.

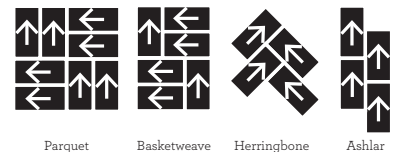
Wear Layer	Solution Dyed Polyester
Backing	Polyester Felt Cushion
Total Weight (Nominal Average)	4.5 oz – 5.2 oz/square foot
Total Thickness (Nominal Average)	.205 inches
Dimensions	18 x 36 inch modules
Packaging	Sixteen (16) modules per box 72 square feet
Recyclability	100% Closed-loop Recyclable
Recycled Content	>55%(post-consumer/industrial)
LEED Scorecard	IEQ 4.1 and IEQ 4.3
NSF/ANSI 140 Certification	Platinum
Indoor Air Quality Certification	CRI Green Label Plus™
ASTM E 648: (Flooring Radiant Panel)	Class 1
ASTM E 662: (Smoke Density)	Less than 450 (flaming & non-flaming)
AATCC 134: Electrostatic Propensity	Less than 3.0kv
AATCC 16: Colorfastness to Light	Rating of 4.0 or greater
AATCC 165: Colorfastness to Crocking	Rating of 4.0 or greater
AATCC 107: Water Repellency	Rating of 4.0 or greater
ASTM D 5252: Appearance Retention	4.5 or greater
ASTM C 1028-96: Slip Resistance	Complies with ADA Guidelines for level surface
ASTM C 518: Thermal Insulation	R-4
ASTM C 423-02:	
Noise Reduction Coefficient	NRC Rating: 0.30*
ASTM E 492-09:	
Impact Insulation Classification	IIC Rating: 64**
AATCC 175-08: Stain Resistance	Resists most challenging stains

Indoor Air Quality Certification

CRI Green Label Plus™

*NRC rating is a measure of the effectiveness of a material in absorbing sound. The higher the NRC rating, the greater the ability of the flooring product to absorb airborne noise. Independent laboratory testing of Kinetex has shown an average NRC rating of 0.33 (bare concrete flooring will typically provide a NRC Rating of 0.015). **IIC is a rating of the insulation from impact noise. The higher the IIC rating, the greater the sound insulation. Independent laboratory testing of Kinetex has shown an average IIC Rating of .64 (bare concrete flooring will typically provide an IIC Rating of 34) NOTE: Test results and testing laboratory will vary, and the above information is not guaranteed.

Installation Method



COLOR FIELD

Color Field

Modular Tile

Construction

Tufted, Textured Loop

Tile Size

25 cm x 1 m (9.85" x 39.4")

Yarn Type

Milliken-Certified WearOn® Nylon
Type 6,6

Stain Repel / Stain Resist / Soil Release

StainSmart®

Antimicrobial

AlphaSan® AF Built-In Protection†

Dye Method

DCP (Digital Color Placement)

Tufted Face Weight

15 oz/yd² (509 g/m²)

Gauge

1/12

Stitches Per Inch

9.8

Tufts

117.6/in² (1,821/100 cm²)

Finished Pile Height

0.13" (3.30 mm)

Finished Pile Thickness

0.08" (2.03 mm)

Average Density (Finished)

6,541

Standard Backing

PVC-Free Underscore™ ES Cushion
Available with TractionBack®

Recycled Content by Total Weight

ES Backing: 39.3% Pre-Consumer,
0.0% Post-Consumer
ESP Backing: 28.6% Pre-Consumer,
10.7% Post-Consumer

Nominal Total Thickness

0.28" (7.1 mm)

Nominal Total Weight

89 oz/yd² (3,024 g/m²)

Flammability (Radiant Panel

ASTM-E-648)

≥ 0.45 (Class I)

Smoke Density (NFPA-258-T or

ASTM-E-662)

≤ 450

Methenamine Pill Test (CPSC FF-1-70 or ASTM D 2859

Self-Extinguishing

Lightfastness (AATCC 16E)

≥ 4.0 at 80 Hours

Crocking (AATCC 165)

≥ 4.0 Wet or Dry

Static Electricity (AATCC-134) 20% R.H., 70° F.

≤ 3.5 KV, Permanent Conductive Fiber

Texture Appearance Retention Rating (TARR)

Severe Traffic End-Use Applications

Recommended Maintenance

MilliCare® Textile and Carpet Care
Service Network

Indoor Air Quality—CRI Green Label Plus™

GLP0793, Carpet Category 5Y

Recommended Installation Method(s)

Planks

WARRANTIES

Lifetime Antimicrobial Protection (AlphaSan®)

Lifetime Face Fiber Wear

Lifetime Antistatic

Lifetime Floor Compatibility

Lifetime Color Pattern Permanency

Lifetime Floor Release

Lifetime Cushion Resiliency

Lifetime Moisture Resistance

Lifetime Delamination of Backing

Lifetime Staining/Soiling (StainSmart®)

Lifetime Dimensional Stability

Lifetime Tuft Bind

Lifetime Edge Ravel

Flammability



This cushion-back carpet tile product is covered by one or more patents, published applications and/or patents pending. Specifications are subject to normal manufacturing tolerances and may be changed without prior notice. Copies of actual test results are available upon request.

SPECIFICATION # 3

PART 1 -

SECTION 09 65 19 - RESILIENT TILE FLOORING

PART 2 - GENERAL

2.1 SUMMARY

- A. Section Includes:
 - 1. Vinyl composition floor tile.
- B. Related Sections:
 - 1. Section 09 65 13 "Resilient Base and Accessories" for resilient base, reducer strips, and other accessories installed with resilient floor coverings.

2.2 ACTION SUBMITTALS

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

2.3 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer.

2.4 CLOSEOUT SUBMITTALS

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

2.5 MATERIALS MAINTENANCE SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Floor Tile: Furnish 1 unopened box of each type, color, and pattern of floor tile installed.

2.6 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for floor tile installation indicated.
- B. 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.

2.7 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.

2.8 PROJECT 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 time periods:
 - 1. 48 hours before installation.
 - 2. During installation.
 - 3. 48 hours after installation.
- B. 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. 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 3 - PRODUCTS

3.1 VINYL COMPOSITION FLOOR TILE (09 65 19.A01)

- A. General: Finish Color Schedule and material Color Schedule designation "F6".
- B. Basis of Design Product: Subject to compliance with requirements, provide; Armstrong World Industries, Inc.; "Standard Excelon", ASTM F 1066, Class 2, through-pattern tile.
- C. Wearing Surface: Smooth.

- D. Thickness: 0.125 inch.
- E. Size: 12 by 12 inches.
- F. Colors and Patterns: Picked Later.

3.2 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by manufacturer to suit floor tile and substrate conditions indicated.
- C. Floor Polish: Provide protective liquid floor polish products as recommended by manufacturer.

PART 4 - EXECUTION

4.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. 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.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

4.2 PREPARATION

- A. Prepare substrates according to 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 manufacturer. Do not use solvents.
 - 3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
 - 4. Moisture Testing: Moisture testing will be by others as part of Section 03 30 00. Contractor, at his option and expense may perform additional tests as he deems necessary and as specified in Subparagraph 3.2 B.5 below. Proceed with installation only after substrates pass testing.

5. Moisture Testing (Contractor's Option):
 - a. Perform 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, unless a higher rate is accepted by flooring manufacturer in writing.
 - 1) Perform tests so that each test area does not exceed 200 sq. ft., and perform no fewer than two tests in each installation area and with test areas evenly spaced in installation areas.
 - b. Perform relative humidity test using in-situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 80 percent relative humidity level measurement, unless a higher rate is acceptable to flooring manufacturer.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install floor tiles until they are same temperature as space where they are to be installed.
 1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
- E. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

4.3 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 square with room axis, unless otherwise 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 direction and in pattern as indicated on drawings.
- 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, nonstaining marking device.
- G. Install floor tiles on covers for telephone and electrical ducts, building expansion-joint covers, and similar items in finished floor 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 flooring 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.

4.4 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protection of floor tile.
- B. Perform the following operations immediately after completing floor tile installation:
 - 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Damp-mop surfaces to remove marks and soil.
- C. Floor Polish: Remove soil, visible adhesive, and surface blemishes from floor tile surfaces before applying liquid floor polish.
 - 1. Apply three coat(s).
- D. Protect floor tile products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- E. Cover floor tile until Substantial Completion.

END OF SECTION 09 65 19

SPECIFICATION #5

PART 1 -

SECTION 09 65 13 - RESILIENT BASE AND ACCESSORIES

PART 2 - GENERAL

2.1 SUMMARY

- A. Section Includes:
 - 1. Resilient base (09 65 13.A01).
 - 2. Resilient molding accessories.
- B. Related Requirements:
 - 1. Section 03 30 00 "Cast-in-Place Concrete."

2.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. 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.

2.3 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials 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.

2.4 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.

2.5 FIELD CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 65 deg F or more than 95 deg F, in spaces to receive resilient products during the following time 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 3 - PRODUCTS

3.1 THERMOPLASTIC-RUBBER BASE (09 65 13.A01)

- A. General: Material Color Schedule designation: Selected by District after award.
- B. Basis-of-Design Product: Subject to compliance with requirements, Roppe Corporation: Pinnacle Rubber Base or comparable product from one of the following:
 - 1. Allstate Rubber Corp.
 - 2. Armstrong World Industries, Inc.
 - 3. Burke Mercer Flooring Products, Division of Burke Industries Inc.
 - 4. Flexco.
 - 5. Mondo Rubber International, Inc.
 - 6. Nora Systems, Inc.
 - 7. VPI, LLC, Floor Products Division.
- C. Product Standard: ASTM F 1861, Type TP (rubber, thermoplastic).
 - 1. Group: I (solid, homogeneous).
 - 2. Style: Cove.
- D. Thickness: 0.125 inch.
- E. Height: 4 inches.
- F. Lengths: Coils in manufacturer's standard length.
- G. Outside Corners: Job formed.
- H. Inside Corners: Job formed.
- I. Colors: As indicated by manufacturer's designations on the Material Color Schedule.

3.2 RUBBER MOLDING ACCESSORY (09 65 13.A06)

- A. Description: Rubber nosing for carpet, nosing for resilient flooring, reducer strip for resilient flooring, joiner for tile and carpet, and transition strips.
- B. Locations: Provide rubber molding accessories in areas indicated.
- C. Colors and Patterns: As indicated by manufacturer's designations on Material Color Schedule.

3.3 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.

PART 4 - EXECUTION

4.1 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.

4.2 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.
- B. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- C. Do not install resilient products until they are the same temperature as the space where they are to be installed.
- D. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient products.

4.3 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.

4.4 RESILIENT ACCESSORY INSTALLATION

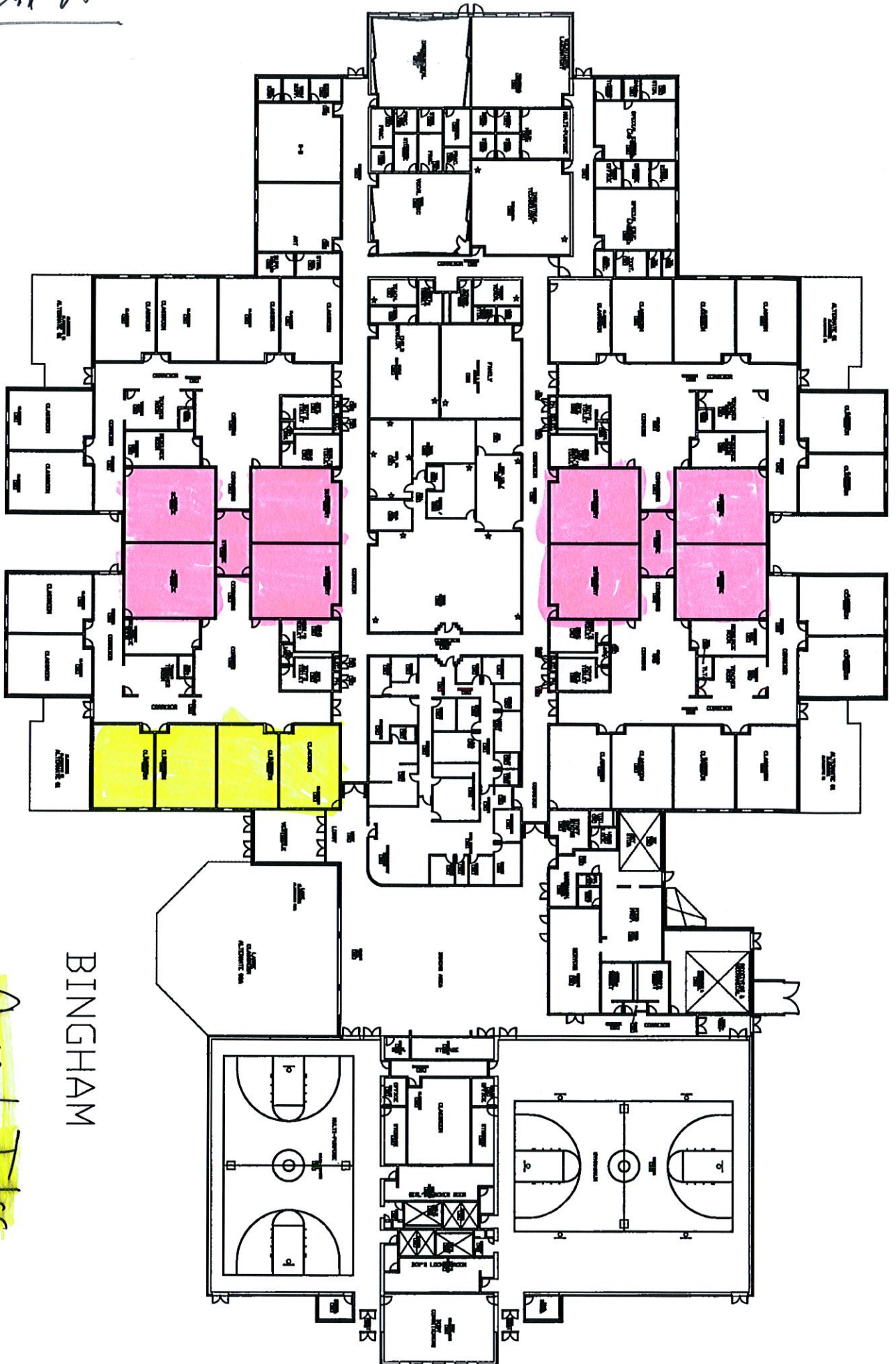
- A. Comply with manufacturer's written instructions for installing resilient accessories.
- B. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor covering that would otherwise be exposed.

4.5 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 exposed 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 65 13

Appendix A



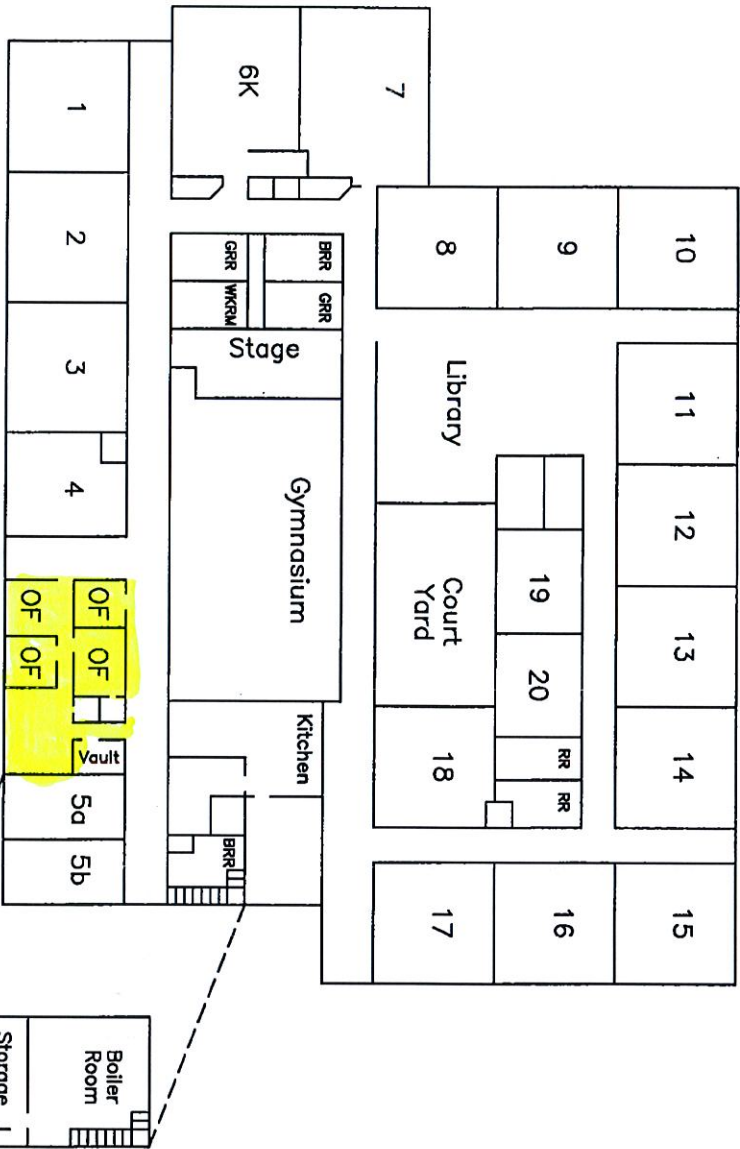
BINGHAM

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INDEPENDENCE SCHOOL DISTRICT
INDEPENDENCE, MISSOURI
BRYANT ELEMENTARY

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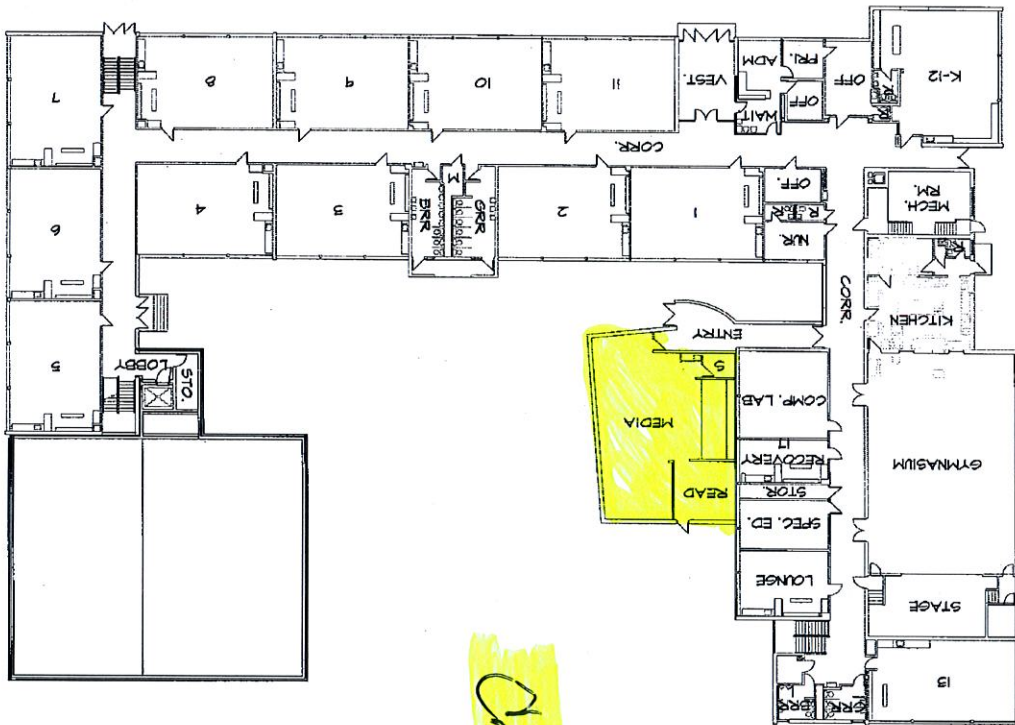
Independence School District
Independence, Missouri

ARCHITECTS PLANNERS INTERIOR DESIGNERS
ACI BOLD
1431 E. Oak Street, Suite 100
Kansas City, MO 64107
816.783.9000
816.783.9727 fax

DATE 11-28-11



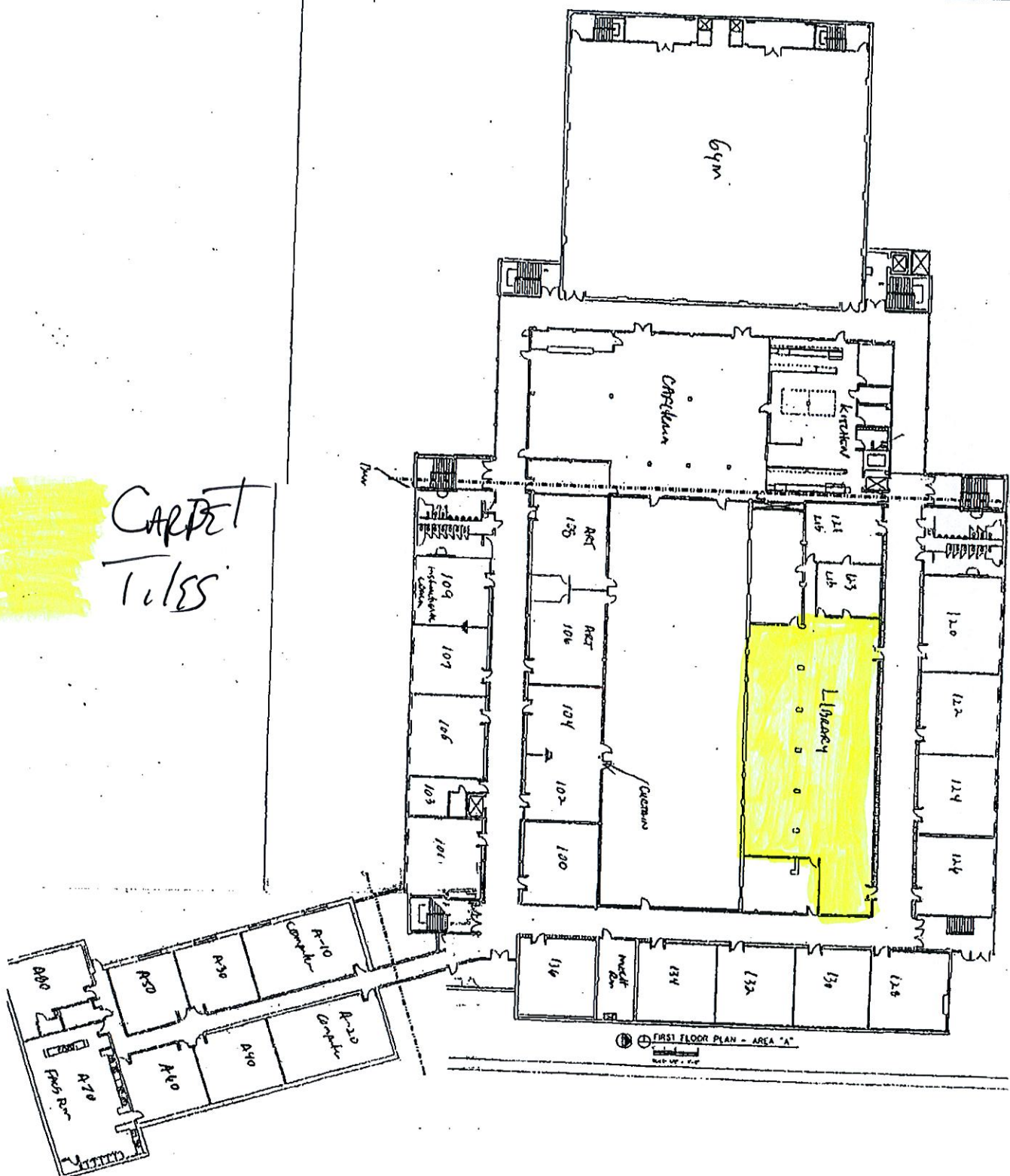
MAIN LEVEL FLOOR PLAN



August 7, 2015

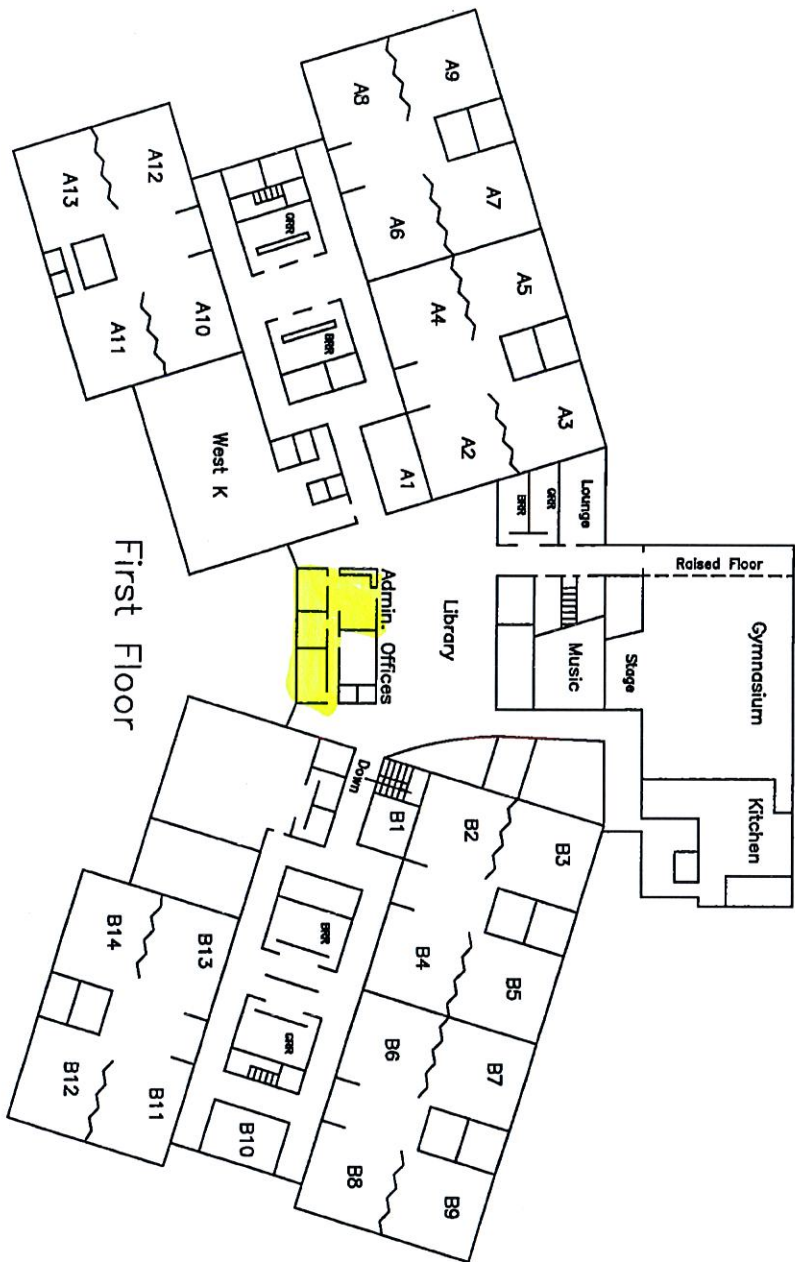
NOUJIN

CARPET
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① ② FIRST FLOOR PLAN - AREA "A"

① FIRST FLOOR PLAN - AREA "C".



Carpet Tiles



INDEPENDENCE SCHOOL DISTRICT
INDEPENDENCE, MISSOURI
SYCAMORE ELEMENTARY

DRAWN BY: CHORD BY:
FILE NAME: SYCAMORE
NO. SCALE:
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INDEPENDENCE SCHOOL DISTRICT	
INDEPENDENCE, MISSOURI	
SANTA FE TRAIL ELEMENTARY	
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