

**PROJECT MANUAL
BASEMENT FLOORING REPLACEMENT**

**Perry Carnegie Library
302 N. 7th
Perry, Oklahoma 73077**

MANDATORY PRE-BID MEETING

**June 3, 2016
10:00am**

BID DATE

**June 13, 2016
10:00am**

SECTION 00002 – PROJECT DIRECTORY

PROJECT NAME:

FLOORING REPLACEMENT
Perry Carnegie Library

LOCATION:

302 N. 7th
Perry, Oklahoma 73077

OWNER

City of Perry

622 Cedar
Perry, Oklahoma 73077
Phone: (580) 336-4241

TENANT:

Perry Carnegie Library

302 N, 7th
Perry, Oklahoma 73077
Person of Contact – Pam Rigg, Library Director
Phone: (580) 336-4721
Fax: (580) 336-5497

INTERIOR DESIGNER:

Marneth Pringle

510 South Clay Road
Yale, Oklahoma 74085

Phone: (405) 714-1370

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A1.1	EXIST FLOOR PLAN (Basement)	October 2015

END OF SECTION

SECTION 0100 – NOTICE TO BIDDERS

PUBLIC NOTICE
CITY OF PERRY SUPPLIES, EQUIPMENT &/OR MATERIALS
SOLICITATION FOR BIDS (BID NOTICE)

Sealed proposals will be received by the City of Perry, Oklahoma, a Municipal Corporation, at the office of the City Clerk of said City, located in City Hall, 622 Cedar St., Drawer 798, Perry, Oklahoma 73077, until 10:00 A.M., Local Time, on the 13th day of June, 2016, for the
Perry Carnegie Library Downstairs Carpet Replacement

Said bids will be publicly opened and read aloud at that time. All bids will remain on file in the office of the City Clerk.

Bids received after the final time set for receipt of bids, will not be considered and will be returned unopened.

No bid may be withdrawn after scheduled closing time for receipt of bids for at least 60 days.

Copies of the general conditions, specifications and other bidding documents are on file in the above office and are open for public inspection.

Complete sets of general conditions, specifications and other bidding documents may be obtained by applying to Perry Carnegie Library, 302 N. 7th, Perry, OK or by e-mail request to director@perry.lib.ok.us.

Each bidder shall submit two (2) bids on the enclosed form and attach complete description with bid. Bid price shall be F.O.B., Perry, Oklahoma, with Federal, State and local tax excluded.

A Business Relationships Affidavit and Non Collusion Affidavit shall accompany the sealed proposal of each bidder.

Do not include state or local sales or use tax. The City will appoint the successful bidder its agent for purchase of sale or use tax exemption on this project or purchase.

The City of Perry reserves the right to reject any and all bids and to waive informalities. Should the bidder be unable to meet or exceed the stated specifications, bidder may submit a bid on equipment or material which best meets the City's specification. Should the City fail to receive a bid which meets or exceeds the specifications, it may, at its option, award a contract to the bidder whose bid best satisfies the requirements contained within the specifications as determined by the City Council.

INVITATION TO BID

Sealed bids will be received by the City Clerk until **10:00 a.m. June 13, 2016** and publicly opened and read aloud at the Perry City Hall, 622 Cedar, Perry, Oklahoma 73077 for the:

Perry Carnegie Library Downstairs Carpet Replacement

Sealed bids shall be received by the City Clerk and shall be identified as bids on the envelope, stating "Name of proposal/bid, opening date." Bids cannot be accepted by the Library.

There will be a mandatory pre-bid conference at **10:00 a.m. on June 3, 2016 at the Perry Carnegie Library, 302 N. 7th, Perry, Oklahoma. 73077**

Copies of the bid documents may be obtained at the Perry Carnegie Library, 302 N. 7th, Perry, Oklahoma or from the City of Perry website (<http://www.cityofperryok.com>) or the Perry Carnegie Library website (<http://www.perrypl.okpls.org>). Questions should be addressed to Pam Rigg, Library Director, (580) 336-4721.

Dixie Johnson
City Clerk
(580) 336-4241

Proposal

Bid for New Interior Flooring for the Perry Carnegie Library Basement

1. In compliance with the instructions to bidders and specifications, subject to all the conditions thereof, the undersigned hereby submits the following bid for re-flooring the interior basement of the Perry Carnegie Library.

The City Council reserves the right to reject any or all bids or parts of bids when such rejection is in the interest of the City.

Bidder warrants that prices specified in this bid proposal shall be good for a period of 30 days from the date that bids are submitted.

1. Base bid:

Total square footage of carpet:

Cost per square foot:

Total square footage of resilient flooring:

Cost per square foot:

Number of estimated overtime hours _____

Lump Sum Base Bid _____

2. Sub-contractors: (Please list names, address, and phone number):

a. _____

b. _____

c. _____

d. _____

2. References: (Please list names, address, and phone number):

a _____

3. It is understood that payment will be made after the delivery and acceptance of the specified equipment and supplies.

It is further understood that bids shall be good for a period of thirty (30) days after bid opening.

Firm Name: _____

Address: _____

Phone Number: _____

By: _____

Title: _____

DOCUMENT 00500

PROJECT SCHEDULE

PART 1- GENERAL

1.01 SUMMARY

A. TIME:

1. The Tenant has a limited window with which this work must be completed. Failure to complete this work as indicated will result in financial loss and in the temporary loss of library services to the City of Perry.

B. LIMITATIONS:

1. The Carnegie Library Building basement **will be closed to the public from September 26 to October 21, 2016**. The work of this contract is to include all labor, including any overtime needed to complete their work in the time frames shown.
2. The number of hours of overtime, if any, is to be listed on the Bid Proposal Form.

1.02 SUBMITTALS

A. WITH THE BID PROPOSAL:

1. All bidders are to review the PROJECT SCHEDULE prior to bid
2. If the time needed to complete their work varies from the above referenced schedule, the bidder is to provide a revised project schedule as an attachment to their bid.

B. FOR THE PRE-CONSTRUCTION MEETING

1. Any changes to project schedule are to be submitted 1 week in advance of the Pre-Construction Meeting.
2. Any change from the bid schedule are to be noted
3. Where critical time has been lost, a recovery schedule is to be submitted.

PART 2 – PRODUCTS - NOT USED.

PART 3 – EXECUTION - NOT USED

End of Section

SECTION 01100 - SUMMARY OF THE WORK

PART I - GENERAL

1.01 DESCRIPTION

- A. The project is entitled: "Flooring Replacement, Perry Carnegie Library"
- B. The project is located at 302 N. 7th, Perry, Oklahoma 73077.

1.02 SCOPE OF WORK

- A. Base Bid includes but is not necessarily limited to following:
 - 1. The Contractor shall comply with all state and local safety and health regulations.
 - 2. General conditions - insurance, supervision, protection, etc.
 - 3. Perform pre-construction condition survey of existing conditions.
 - 4. Removal of existing carpet and adhesive.
 - 5. Protection of existing building finishes, wood base, smoke detectors, light fixtures and building equipment.
 - 6. Repair all cracks, joints, and fill concrete surface defects.
 - 7. Furnish & install floor-leveling materials.
 - 8. Install new carpet and resilient flooring according to plan.
 - 9. Perform final cleaning.
- B. Project Staging:
 - 1. Carpeting in rooms B08, B09, and the south stair is to be installed prior to the resilient flooring in B01 Corridor and B12 the Multi-purpose room.

1.03 WORK BY SUBCONTRACTORS

- A. The following work is to be performed by the City of Perry:
 - 1. Library and City personnel will move furnishings, books, and book stacks.

1.04 CARPET DISPOSAL PROCEDURES

- B. Removed carpet, new carpet and new resilient flooring installation waste is to be disposed of by the contractor at an off-site disposal facility. Dumpster location will be clarified at the pre-bid meeting.
- C. Provide a description in writing at time of bid of the proposed furniture move and carpet installation staging.

1.05 CONSTRUCTION SCHEDULE

- A. Work shall commence on September 26, 2016 unless modified by mutual agreement of the Library and contractor. Work shall be completed as indicated in the Project Schedule. See specification 00500, Project Schedule.
- B. DAILY WORK SCHEDULE:
 - 1. The library is monitored by a fire alarm system.
 - 2. The library will provide access to the building from 7:00am to 7:00pm. The exact project work hours will be determined during the Pre-Construction meeting.
 - 3. The passenger elevator may not be used to transfer materials.

1.06 PAYMENT

- A. Submit a schedule of values itemized as indicated on the Basis Bid Form, or itemized in more detail.
- B. Ten percent retainage (10%) will be held until the completion of the project and until all project documents have been provided. At fifty percent (50%) complete, with satisfactory performance, the Approval of the Owner, this may be reduced to five percent (5%).

1.07 PRE CONSTRUCTION PROJECT MEETING

- A. After contract award but no later than 4 weeks prior to the start of the work, a pre-construction conference will be held at the site.

1.08 SUBMITTALS

- A. Make submittals of samples, product data, and other items.

PART 2 –PRODUCTS NOT USED
PART 3 –EXECUTION NOT USED

END OF SECTION

SECTION 01600

CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:

1. Pre- and post-construction reviews.
2. Provide temporary protection of existing building components.
3. The Contractor may use the existing toilets. Normal cleaning will be provided by the Tenant. Cleaning above and beyond normal use is to be provided by the contractor.

1.02 SUBMITTALS

A. Pre-Construction Condition Survey:

1. Submit written documentation of pre-construction condition survey prior to initiation of Work. Include information adequate to locate item(s) exhibiting pre-existing damage.

1.03 QUALITY ASSURANCE

- A. Comply with federal, state, and local regulations, codes, and ordinances.
- B. Do not allow accumulation of waste, debris, construction water, rubbish, etc. that can create hazardous conditions.

1.04 PROJECT SITE CONDITIONS

A. Fire Protection:

1. Regulations: Comply with pertinent Codes and regulations.
2. Fires: Promptly remove debris and waste-materials from construction site to prevent accumulation of combustibles on site or within building.
3. Smoking: **No smoking is allowed within 25 feet of the Perry Carnegie Library.**
4. Flammables: Do not store flammables within the Library.
5. First-Aid Supplies: Provide medical supplies and equipment at the job site for first aid service to persons injured in connection with the Work.

B. Limit of Contractor's Operations:

1. Work Areas: Confine work areas to limits of construction site. General Schedule of operations and use of job site shall be subject to approval of Owner.
2. Building Access: Uncontrolled or unrestricted access for materials, debris or equipment will not be permitted. Access routes shall be subject to approval by the Tenant.

- C. Occupant Relations:
 - 1. While public access will be limited in the Library Building throughout the duration of the Work, the library staff will continue to work within some areas of this building.
 - 2. A project manager or full-time field foreman shall be the designated "contact" for the project.

- D. Pre-Construction Condition Survey:
 - 1. Prior to initiation of Work, survey condition of building and document pre-existing damage such as, scraped window or door frames, damaged walls, and floors, etc.
 - 2. Survey to be completed in the presence the Owner.

PART 2 - PRODUCTS

2.01 CLEANING MATERIALS

- A. Limit materials and equipment to those which are compatible with surfaces being cleaned, and which are approved by manufacturer.

2.02 TEMPORARY CONSTRUCTION FACILITIES

- A. Temporary Storage Facility and Staging Area:
 - 1. Tenant will allocate limited space on property for storage of materials and equipment.
 - 2. Locate construction personnel vehicles, debris receptacles, construction equipment, material storage and temporary facilities within permitted boundaries.

PART 3 - EXECUTION

3.01 GENERAL

- A. Maintain temporary facilities and controls as long as necessary for safe and proper completion of the Work.
- B. Remove temporary facilities and controls as rapidly as progress of the Work will safely permit.

3.02 CLEANING

- A. Remove demolition material, debris, and related rubbish on a daily basis.
- B. Legally dispose of waste, debris, and rubbish at dump areas off Tenant's property.

- C. Schedule cleaning operations so that newly placed work is not damaged.
- D. Remove and clean material spills as the Work progresses.

3.03 PROTECTION

- A. Site Security: Provide daily inspection of work area while the Work is in progress and take whatever measures are necessary to secure building from theft, vandalism, and unlawful entry related to Contractor's activities on site.
- B. Provide and maintain protection of the existing building finishes and equipment for duration of the Work. Items to be protected include but are not limited to:
 - 1. Wall finishes
 - 2. Floor finishes which are scheduled to remain
 - 3. Fire Alarm system
 - 4. Millwork.
- C. Remediate damage to above items as Work progresses in a manner satisfactory to Tenant and at no cost to Tenant.

END OF SECTION

01700
CONTRACT CLOSEOUT

PART I - GENERAL

1.01 SUMMARY

- A. Section Includes: Administrative procedures, closure submittals and forms to be used at substantial completion and at final completion of the Work.

1.02 SUBMITTALS

- A. Closeout submittals include, but are not necessarily limited to:
1. Maintenance data
 2. Warranties and bonds.
 3. List of subcontractors and principal vendors including names, addresses and telephone numbers where they can be reached.
 4. Project Record Documents: Throughout progress of the Work, maintain a complete and accurate record of the Contract Document, including set of manufacturers' literature for products used, which reflects all changes.

1.03 QUALITY ASSURANCE

- A. Project Completion:
1. When the Work is sufficiently complete, prepare and submit to the Owner a list of items to be completed or corrected.
 2. Upon receipt, the Owner will perform an inspection.
 3. When Owner has determined that the Work is acceptable under Contract Documents, provide closeout submittals.

1.04 WARRANTIES

- A. Provide warranties signed by Contractor, Installer and Material manufacturer.

PART 2 – PRODUCTS NOT USED

PART 3 - EXECUTION

3.01 FINAL CLEANING

- A. In preparation for final inspection, ensure that all areas have been cleaned and debris, rubbish, construction waste, etc. have been removed.
- B. Repair, patch or clean up any marred surfaces to match finish and quality of adjacent undamaged areas in a manner satisfactory to Owner.
- C. Leave all exterior areas utilized by the Contractor in a broom-clean condition.

3.02 DEMONSTRATION

- A. Instruct Tenant's personnel in proper maintenance of items which were provided as part of the Work.

END OF SECTION

SECTION 096513 - RESILIENT BASE AND ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Resilient base.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples for Initial Selection: For each type of product indicated.
- C. Samples for Verification: For each type of product indicated, in manufacturer's standard-size Samples but not less than 12 inches long, of each resilient product color, texture, and pattern required.

1.4 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.

1.5 QUALITY ASSURANCE

- 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. Mockups: Provide resilient products with mockups specified in other Sections.

1.6 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.

1.7 PROJECT CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 90 deg F, in spaces to receive resilient products during the following time periods:
 - 1. 48 hours before installation.
 - 2. During installation.
- B. Install resilient products after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 RESILIENT BASE

- A. Resilient Base:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following
 - a. Armstrong World Industries, Inc.
 - b. Flexco, Inc.
 - c. Johnsonite.
 - d. Nora Rubber Flooring; Freudenberg Building Systems, Inc.
 - e. Roppe Corporation, USA.
- B. Resilient Base Standard: ASTM F 1861.
 - 1. Material Requirement: Type TS (rubber, vulcanized thermoset).
 - 2. Manufacturing Method: Group I (solid, homogeneous)
 - 3. Style: Cove (base with toe)
- C. Minimum Thickness: 0.125 inch
- D. Height: 4 inches
- 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. Finish: As selected by Architect from manufacturer's full range.
- I. Colors and Patterns: As selected by Interior Designer from full range of industry colors.

2.2 INSTALLATION MATERIALS

- A. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
 - 1. Adhesives shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

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.
- 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 resilient products.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of 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 practicable 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. Form without producing discoloration (whitening) at bends.

2. Inside Corners: Use straight pieces of maximum lengths possible.

3.4 RESILIENT ACCESSORY INSTALLATION

- A. Comply with manufacturer's written instructions for cleaning and protection of 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 surfaces thoroughly.
 3. Damp-mop 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.

END OF SECTION 096513

SECTION 096519 - RESILIENT TILE FLOORING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Luxury vinyl floor tile.

- B. Related Sections:

- 1. Division 09 Section "Resilient Base and Accessories" for resilient base, reducer strips, and other accessories installed with resilient floor coverings.

1.3 ACTION SUBMITTALS

- A. 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.

- B. Samples for Verification: Full-size units of each color and pattern of floor tile required.

- C. Product Schedule: For floor tile refer to the drawing for locations.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: Please provide maintenance manuals.

1.6 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 box for every 50 boxes or fraction thereof, of each type, color, and pattern of floor tile installed.

1.7 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.
 1. Engage an installer who employs workers for this Project who are trained or certified by manufacturer for installation techniques required.
- 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.

1.8 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.

1.9 PROJECT CONDITIONS

- A. Appropriate ambient temperatures will be maintained by Library personnel at all times.
- B. Close spaces to traffic during floor tile installation.
- C. Close spaces to traffic for 48 hours after floor tile installation.

PART 2 - PRODUCTS

2.1 LUXURY VINYL FLOOR TILE

- A. Product:
 1. Tandus Centiva
- B. Tile Standard: ASTM F 1700.
- C. Size: **18 by 18 inches and 9 x 36 inch planks.**
- D. Pattern and Colors: "Legacy Stone", color: Santorini Café CLE 0551, Santorini Tandem CLE 0552, and Santorini Argos CLE 0557.

- E. Trowelable or Self-Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.
- F. Adhesives: Water-resistant type recommended by manufacturer to suit floor tile and substrate conditions indicated.

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.
- 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.

3.2 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: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
- 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.

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 as shown on page 136 of the Tandus Centiva catalog.
- 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.
- 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.

3.4 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. Protect floor tile products from marks, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Cover floor tile until Substantial Completion.

END OF SECTION 096519

SECTION 096813 - TILE CARPETING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General apply to this Section.

1.2 SUMMARY

- A. Section includes modular, tufted carpet tile.
- B. Related Requirements:
 - Division 09 Section "Resilient Base and Accessories" for resilient wall base and accessories installed with carpet tile.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.
 - 1. Review methods and procedures related to carpet tile installation including, but not limited to, the following:
 - a. Review delivery, storage, and handling procedures.
 - b. Review ambient conditions and ventilation procedures.
 - c. Review subfloor preparation procedures.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include manufacturer's written data on physical characteristics, durability, and fade resistance.
 - 2. Include installation recommendations for each type of substrate.
 - a. For installation adhesive, documentation including printed statement of VOC content.
- B. Shop Drawings: Show the following:
 - 1. Carpet tile type, color, and dye lot.
 - 2. Type of subfloor.
 - 3. Type of installation.
 - 4. Pattern of installation.
 - 5. Pattern type, location, and direction.
 - 6. Transition details to other flooring materials.

- C. Samples: For each of the following products and for each color and texture required. Label each Sample with manufacturer's name, material description, color, pattern, and designation indicated on Drawings and in schedules.
 - 1. Carpet Tile: Full-size Sample.
 - 2. Exposed Edge, Transition, and Other Accessory Stripping: 12-inch-long Samples.
- D. Product Schedule: For carpet tile. Use same designations indicated on Drawings.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.

1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: Please provide maintenance manuals for carpet tile, including cleaning and stain-removal products and procedures and manufacturer's recommended maintenance schedule.
 - 1. Precautions for cleaning materials and methods that could be detrimental to carpet tile.

1.7 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. Carpet Tile: Full-size units equal to 5 percent of amount installed for each type indicated, but not less than 10 sq. yd.

1.8 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who is certified by the International Certified Floorcovering Installers Association.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Comply with CRI 104.

1.10 FIELD CONDITIONS

- A. Comply with CRI 104 for temperature, humidity, and ventilation limitations.

1.11 WARRANTY

- A. Special Warranty for Carpet Tiles: Manufacturer agrees to repair or replace components of carpet tile installation that fail in materials or workmanship within specified warranty period.

1. Warranty does not include deterioration or failure of carpet tile due to unusual traffic, failure of substrate, vandalism, or abuse.
2. Failures include, but are not limited to, more than 10 percent edge raveling, snags, runs, loss of tuft bind strength, loss of face fiber, and delamination.
3. Warranty Period: Lifetime limited.

PART 2 - PRODUCTS

2.1 CARPET TILE

- A. Products:
 1. Tandus
- B. Colors: Lapis Lazuli 18546 and Dark Olivine 18570
- C. Pattern: Plexus Color
- D. Fiber Content: 50% solution Dyed / 50% Yarn Dyed
- E. Fiber Type: Dynex Nylon
- F. Pile Characteristic: Level loop pile.
- G. Size: 24" x 24"
- H. Backing System: Ethos Modular.
- I. Installation Method: Quarter-Turn
- J. Product:
 1. Tandus
- K. Color: Canopy 30703
- L. Pattern: Helena
- M. Fiber Content: 80% solution Dyed / 20% Yarn Dyed
- N. Pile Characteristic: Patterned Loop
- O. Size: 24" x 24"
- P. Backing System: Ethos Modular
- Q. Installation Method: Quarter-Turn

2.2 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer.
- B. Adhesives: Water-resistant, mildew-resistant, nonstaining, pressure-sensitive type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet tile and is recommended by carpet tile manufacturer for releasable installation.
 - 1. Adhesives shall have a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- C. Metal Edge/Transition Strips: Tandus / Centiva MetalEdge products. Color and shapes to be determined.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet tile performance. Examine carpet tile for type, color, pattern, and potential defects.
- B. Concrete Subfloors: Verify that concrete slabs comply with ASTM F 710 and the following:
 - 1. Subfloor finishes comply with requirements specified in Division 03 Section "Cast-in-Place Concrete" for slabs receiving carpet tile.
 - 2. Subfloors are free of cracks, ridges, depressions, scale, and foreign deposits.
- C. For wood subfloors, verify the following:
 - 1. Underlayment over subfloor complies with requirements specified in Division 06 Section "Rough Carpentry."
 - 2. Underlayment surface is free of irregularities and substances that may interfere with adhesive bond or show through surface.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. General: Comply with CRI 104, Section 6.2, "Site Conditions; Floor Preparation," and with carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile installation.
- B. Use Trowelable leveling or self-leveling patching compounds, according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes and depressions 1/8 inch wide or wider and protrusions more than 1/32 inch unless more stringent requirements are required by manufacturer's written instructions.

- C. Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet tile manufacturer.
- D. Broom and vacuum clean substrates to be covered immediately before installing carpet tile.

3.3 INSTALLATION

- A. General: Comply with CRI 104, Section 14, "Carpet Modules," and with carpet tile manufacturer's written installation instructions.
- B. Installation Method: As recommended in writing by carpet tile manufacturer. Maintain dye lot integrity. Do not mix dye lots in same area.
- C. Cut and fit carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet tile manufacturer.
- D. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- E. Maintain reference markers, holes, and openings that are in place by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
- F. Install pattern parallel to walls and borders.

3.4 CLEANING AND PROTECTION

- A. Perform the following operations immediately after installing carpet tile:
 - 1. Remove excess adhesive, seam sealer, and other surface blemishes using cleaner recommended by carpet tile manufacturer.
 - 2. Remove yarns that protrude from carpet tile surface.
 - 3. Vacuum carpet tile using commercial machine with face-beater element.
- B. Protect installed carpet tile to comply with CRI 104, Section 16, "Protecting Indoor Installations."
- C. Protect carpet tile against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet tile manufacturer.

END OF SECTION 096813

Perry Carnegie Library Basement Re-flooring Project 2015

10-14-2015

Rooms to be re-carpeted:

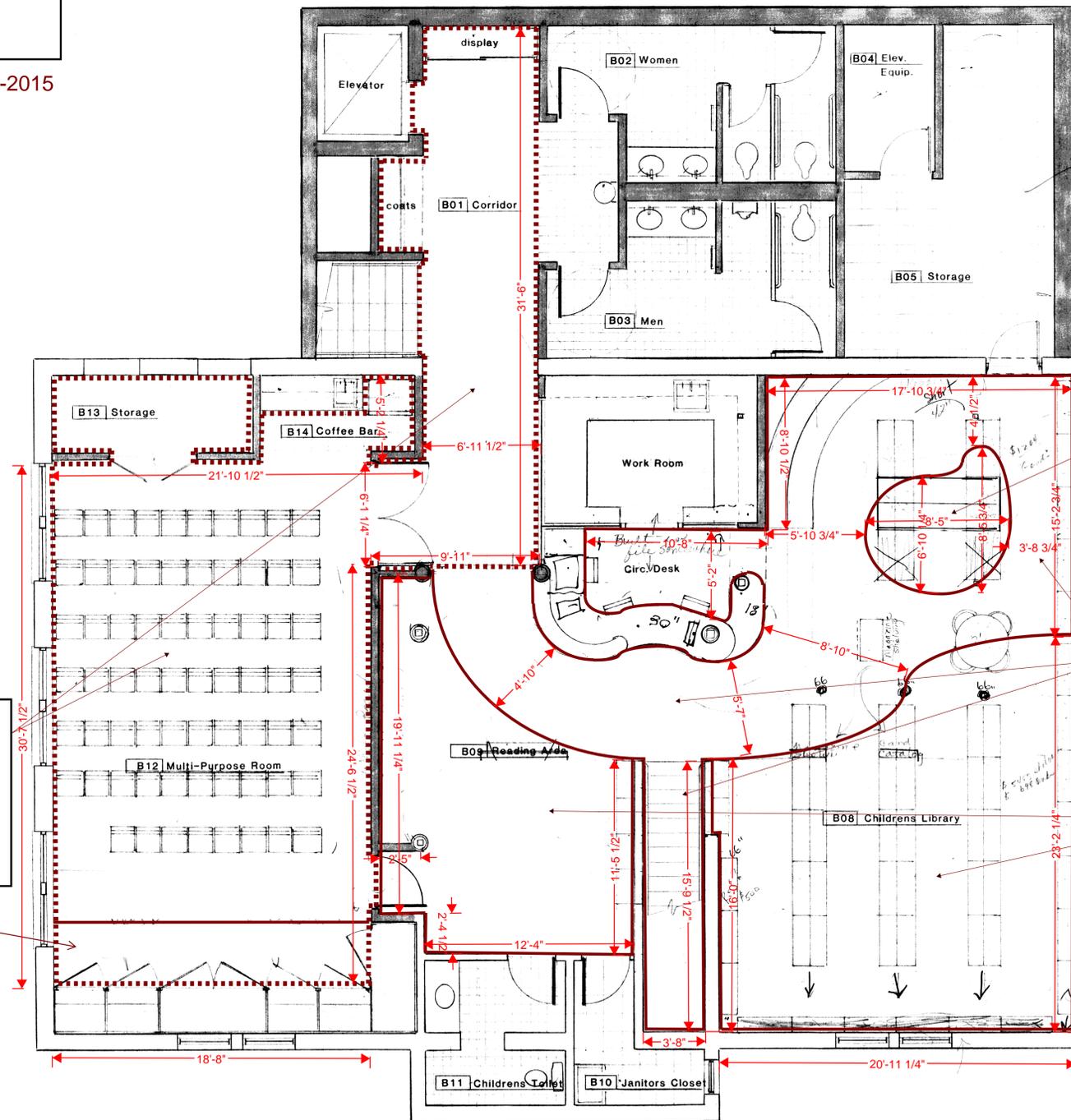
B08 Children's Library
B09 Reading Area
Circulation Desk
South Stairs

Rooms for LVT:

B01 Corridor
B12 Multi-Purpose Room
B14 Coffee Bar
B13 Storage

Centiva Legacy Stone,
installed in a
"Shadowbox" pattern,
continuous in the rooms
specified.
Santorini "Argos", "Cafe",
and "Tandem".

6" Riser



Tandus Plexus
Color:
Lapis Lazuli 18546

Tandus Helena, color:
Canopy 30703

Tandus Plexus Color:
Dark Olivine 18570

A Lower Floor Plan
SCALE 1/4" = 1'-0"

SHEET
A1.1

CONTOUR SERIES
LEGACY STONE

Material: Heterogeneous vinyl tile
Wear layer thickness: 32 mil
Wear warranty: 20 year
Edge treatment: Square Edge (SE) or Slight Bevel (SB)
Sizes: 12"x 12", 12"x 18", 12"x 24", 18"x 18", 9"x 36", 12"x 36"
Emboss options: Standard Pathway (PH); others available



QUARTER TURN



VERTICAL
 ASHLAR

