1.1 Application of Special Conditions. These Special Conditions are a part of the Contract Documents for the Work generally described as: 555 Franklin Street Admin Building

1.2 Contract Time/Milestone Schedule and Description of Phases

All Phase times indicated are from start of Contractor’s access to work area to Substantial Completion for each Phase. All punch list work shall be completed within 30 days of Substantial Completion for each phase.

Contract Time and Milestone Schedule:

- Notice To Proceed (NTP): February 24, 2016
- Phase 1: February 24, 2016 – March 25, 2016
- Phase 2: March 26, 2016 – April 3, 2016
- Final Completion: <May 3, 2016>. All work must be achieved within 30 days of Substantial Completion of Phase 2 < April 3, 2016>, <66> calendar days from Notice to Proceed.

Description of Phase 1
The work includes: Submittals & Mobilization.

Description of Phase 2
The work includes: Demolition, & Construction. Project site is an occupied administrative office area. Demolition shall take place during weekends.

1.3 Description of General Phasing Requirements:

A. These descriptions of the phases are general in nature and in no way offer the complete and concise description of all the work required by the Contract Documents.
B. The start dates represented in the milestone schedule are preliminary and the District reserves the right to modify these dates based on when the Notice to Proceed is issued.
C. The Contractor is responsible for providing the manpower and scheduling the shifts necessary to complete the work in accordance with the Contract Time and Milestone Schedule.
D. The School will remain open during the academic year. The Work of this project must take into account that the site will be occupied by students and staff and will be phased as generally described above and in other contract documents.
E. Office hours are defined as hours before 7:00 AM, and after 5:00 PM, Monday – Friday.
F. Work that is hazardous, noisy, or that causes vibration may not be performed in the buildings or on the site during school hours, without written approval from the District Representative. This includes but is not limited to the following work activities:

1. Haz-Mat Abatement
2. Concrete bushing, chipping, grinding, jack hammering.
3. The use of powder-actuated fasteners (PAF’s)
4. Floor grinding to remove adhesive.
5. Chemicals used in quantities that cause excessive odor and can not be effectively ventilated. As determined by the Owners Representative.
6. Wall tile removal. Hand scraping or chipping may be acceptable as approved by the Owners Representative.
7. Electric Tile Cutter, may be used if isolated in a temporary sound deadening room constructed by the Contractor as approved by the Owners Representative.
8. Large drills for use in concrete.
9. Smaller Bulldog type impact drills for ¼” holes or less.
10. Operation of cranes in occupied areas, including drilling rigs, and concrete pump trucks unless the occupants can be sufficiently isolated from the swing zone.
11. Chop Saws for metal studs or other metal cutting. These may be used if isolated in a temporary sound deadening room constructed by the Contractor as approved by the Owner’s representative.
12. The use of abrasive or “hot” saws to cut steel decking.
13. Earthwork compaction, including the operation of vibratory compaction equipment.

G. School Academic Testing: No work which creates noise or a vibration in the structure which can be heard and/or felt in occupied classrooms may be done on the following dates between 7:00 a.m. and 12:30 p.m. due to academic testing. These dates are approximate and Contractor shall confirm each school with the District during the school year <VERIFY THE ACADEMIC TESTING SCHEDULE BELOW FOR EACH PROJECT WITH THE PRINCIPAL>

1. English Learners: 3 days between September and October.
2. STAR Testing: 10 days between April and May.
3. Other Testing: To be verified with the District.

H. All work remaining on a phase after the Substantial Completion date of that phase shall be done during non-school hours.

I. Temporary hard barriers as necessary for each phase shall be constructed prior to the start of each phase of work in accordance with section 01520 “Construction Facilities”. On a site plan indicate lay down areas, pedestrian walkways, and contractor parking areas Snow fencing is not acceptable as hard fencing. The Contractor shall submit diagrams for each phase one week prior to start of construction of that phase, indicating the construction zone, and barricades and access for students and School Personnel, for approval by the District Representative. The Contractor must provide and maintain access and code compliant egress to and from all occupied spaces. Contractor shall post temporary signage (appropriate and secure) shall be posted to redirect students and staff for emergency exiting.

J. The Contractor shall diligently maintain all construction zone barricades and fencing. Fence panels shall be secured with two fence clamps per joint. The Contractor shall secure end panels in a manner acceptable to the District Representative. The use of
tie wire will not be an acceptable method for securing fence panels. Construction zone gates shall be secured with chains and District provided padlocks.

K. When school is in session any work that occurs in the building and cannot be safely segregated from students must be performed during non-school hours.

L. The existing fire alarm system and fire sprinkler system shall remain operational twenty four (24) hours/day, seven (7) days/week until such time as the new fire alarm system is fully functional, tested and accepted, and tied into the entire campus’s fire alarm system. If at any time during the Project the existing system is not fully operational the Contractor, at its own expense, shall provide a “Fire Watch” acceptable to the District Representative until either the existing system is made fully operational or the new system is fully installed, tested and accepted.

M. Liquidated damages are assessed per phase.

N. The Contractor’s Construction Schedule shall reflect the work sequence and time period for each phase of the Project.

O. Contractor to verify the dates and obtain approval for the timing, demolition, and construction of the Work in each area and phase with the District.

P. The Work of each phase shall include the building or buildings indicated (if applicable) and the adjacent site work required for safe access and egress for District Occupancy at Substantial Completion of each phase.

Q. The Contractor shall carefully review the Drawings and other Contract Documents to fully understand the interdependency of the phases, the buildings, and the site work.

R. Work on weekends, evenings or holidays may be required to meet the project phasing schedules. Provide 72 hours notification to the District representative to ensure necessary inspections, monitoring, testing, etc. are provided during these work hours.

S. The District may withhold payments for late submittals. The District is willing to consider alternate means of phasing the project proposed by the Contractor. The acceptance of any alternate means of phasing is at the sole discretion of the District.

T. The District may withhold payments for late submittals.

1.4 Liquidated Damages

A. **Substantial Completion:** The delayed Substantial Completion of any phase of the Work will result in the assessment and withholding of Liquidated Damages for each day of delayed Substantial Completion beyond the Contract Time for Substantial Completion of that phase of the Work in the amount of $500 (Five Hundred Dollars) per day. See Section 01770 “Closeout Procedures” for requirements by phase of the project.

B. **Final Completion.** The delayed Final Completion of the Work will result in the assessment and withholding of Liquidated Damages for each day of delayed Final Completion beyond the Contract Time for Final Completion of the Work in the amount of $500 (Five Hundred Dollars) per day until all punch list items are completed.

1.5 Labor Compliance Program (LCP). A LCP is required for this project.

1.6 Modernization Projects. Access to the school buildings and entry to buildings, classrooms, restrooms, mechanical rooms, electrical rooms, or other rooms, for construction purposes, must be coordinated with District and onsite District personnel.
555 FRANKLIN ADMIN BUILDING 3RD FLOOR CARPET REPLACEMENT PROJECT
SFUSD PROJECT NO. 11727
SAN FRANCISCO UNIFIED SCHOOL DISTRICT

before Work is to start.

A. Upon request, the District may, at its own discretion, provide a master key to the school site for the convenience of the Contractor. The Contractor agrees to pay all expenses to re-key the entire school site and all other affected District buildings if the master key is lost or stolen or if any unauthorized party obtains a copy of the key or access to the school.

B. The Contractor is advised that Work is to be performed in spaces regularly scheduled for instruction. Interruption and/or periods of shutdown of public access, electrical service, water service, lighting, or other utilities shall be only as arranged in advance with the District. Contractor shall provide temporary services to all facilities interrupted by Contractor’s Work.

C. The Contractor shall maintain in operation during duration of Contract, drainage lines, storm drains, sewers, water, gas, electrical, steam, irrigation systems and other utility service lines (including but not limited to low voltage systems and fire sprinkler systems) within working area.

1.7 Weather Days. Delays due to adverse weather conditions will only be permitted in compliance with the provisions in the General Conditions, 00700 Article 8.02.A and only if the number of days of adverse weather exceeds the following parameters and only if Contractor can verify that adverse weather caused delays exceeds the following number of calendar days:

January, [11]; February [10]; March [10]; April [6]; May [3]; June [1]; July [0]; August [0]; September [1]; October [4]; November [7]; December [10].

1.8 Standardized Forms. Each and every document generated and/or submitted by the Contractor relating to cost breakdowns, applications for payment, change order requests, requests for information, submittals, verified reports, progress reports, and all other matters relating to the administration of the Work as set forth in the General Conditions, shall be prepared by the Contractor on such forms as may be directed by the District. Unless otherwise expressly provided for in the Contract Documents, all such documents shall be submitted to the District with such frequency as the District may require in its sole reasonable discretion.

1.9 District Tests/Inspections. Pursuant to Article 13.05 of the General Conditions, within fourteen (14) calendars days of the date of award of the Contract, the Contractor, the District, and the Architect shall meet and confer to establish, by mutual agreement, the specific tests/inspections to be conducted by or on behalf of the District and to establish limits on costs incurred by the District to complete such test/inspections. If mutual agreement is not reached as to tests/inspections to be completed by or on behalf of the District or the limitations on the District’s costs to complete such tests/inspections, the Architect shall issue a final binding determination. The Contractor shall be responsible for all costs of tests/inspections exceeding those established pursuant to the forgoing.

1.10 Allowed Number of Hazardous Material Abatement Shifts. Within the overall construction schedule, the total allotted time for completion of all identified hazardous material abatement work of the Project shall be limited to the number of work shifts (of stated duration) specified in Section 01011 Article 1.07 Paragraph B. The Contractor
shall be responsible for all additional Environmental Consultant and analytical laboratory costs associated with exceeding the specified total number of work shifts allowed in accordance with the 00700 General Conditions, Article 9.09 Related Damages.

1.11 Identification Vests/Badges.

A. The District reserves the right to require the Contractor to do the following:

No employee or independent contractor to the Contractor or any Subcontractor, of any tier, shall be permitted access to the Site at any time unless such individual wears, in a prominent visual manner, a photographic identification badge issued by the District. The identification badge shall be prominently worn at all times while at the Site. Any person performing any Work at the Site without wearing a duly issued District photographic identification badge will be immediately removed from the Site. The District will issue photographic identification badges only to those individuals who are identified on a Fingerprinting Certification of the Contractor or a Subcontractor. The photographic identification badges are the sole and exclusive property of the District. The Contractor shall promptly return to the District each photographic identification badge once an employee or independent contractor to the Contractor or any Subcontractor of any tier has completed his Work at the Site or is absent from the Site for a period of thirty (30) consecutive days, whichever first occurs.

All cost associated with this requirement are at the Contractors expense.

B. No employee or independent contractor to the Contractor or any Subcontractor, of any tier, shall be permitted access to the Site at any time unless such individual wears, in a prominent visual manner, a safety vest that has been approved by the District. All vests must include the General Contractors company logo, with an area is at least 144 square inches. Any person performing any Work at the Site without wearing an approved safety vest will be immediately removed from the Site.

C. The Contractor’s compliance with the requirements of this Paragraph and/or the District’s enforcement of the requirements of this Paragraph shall not result in adjustment of the Contract Time or the Contract Price.

1.12 Parking: The Contractor is responsible for off site parking for their personnel. The Contractor is not permitted to park any vehicles on campus. Catering Trucks: No catering trucks are permitted on District property.

1.13 Systems Survey. In the presence of the District Representative the contactor will perform a survey of all the fire alarm, phone, data, power outlets, P/A system (public address system) clocks/bells, thermostats, building management system controls, and security systems in each room prior to the start of each phase. Any testing that might affect other portions of the school must be completed during non-school hours. Each outlet and/or device is to be checked and tested to verify that they are working. The survey will be submitted and reviewed by the District Representative prior to the start of demolition for each phase.

1.14 Theatrical Equipment and Furnishings. The Contractor is prohibited from using any existing theatrical equipment and furnishings in the auditorium and/or multi-purpose
room during construction. The Contractor is required to protect and/or remove theatrical equipment and furnishings as directed by the District and at their own expense. The Contractor, at its own expense will provide any and all temporary lighting necessary to accomplish the work.

1.15 District Standards. In accordance with California Public Contract Code section 3400, a designee of the District has made a finding that particular materials, products, things, and/or services are to be designated in the Contract Documents by specific brand or trade name for the following purpose: in order to match other products in use on a particular public improvement either completed or in the course of completion (“District Standards”). The District Standards are set forth in Section 00013 San Francisco Unified School District Construction Standards. The particular materials, products, things, and/or services designated in the District Standards shall be used in the Work.

1.16 Web-Based Project Management Software IMPACT. <not applicable>

A. Purpose
IMPACT will be used to facilitate communication and track project documentation among the SFUSD Team Members and the Contractor. The Contractor shall utilize the collaborative tool as directed by the District. The Contractor shall participate in all required training as needed to assure the tool is used as intended.

B. Scope
Communications not pertaining to the job established over the provided internet connection are not permitted. This includes but is not limited to the use of internet radio, streaming audio/video, personal instant messaging software, and other similar chat programs.

IMPACT will be used to log and track project related documents that include but are not limited to; Contractor request for information (RFI), Architect’s supplemental instructions (ASI), submittals, change orders, project transmittals, Contractor daily logs, meeting notes and request for inspections.

C. General Guidelines and Use
IMPACT software program may only be used by individuals who are members of SFUSD Team, and only for purposes that are consistent with the requirements and objectives of the SFUSD project. Use of the site is contingent upon compliance with the following rules of usage:

• Members must protect their login account and password information from unauthorized disclosure.

• Members may only use the IMPACT for legitimate purposes related to this project. Members may not use the site for non-project commercial purposes or personal purposes.
Members shall abide by the Guidelines in this document. Specifically, members shall not alter the organization or structure of the site without first consulting with the website Coordinator.

Members may not send harassing, offensive, unlawful, fraudulent, abusive, libelous or threatening messages in any form to another member or outside party using the site. Use of vulgar language and obscenities, and the uploading or viewing or distributing of pornographic materials through the site is strictly prohibited.

1.18 The Environmental Protection Agency (EPA) regulation 40 CFR Part 745 became fully effective June 23, 2008 which requires all firms, including sub-contracted firms who impact lead-based paint (LBP) at Child Occupied Facilities to be EPA certified; have an EPA “Certified Renovator”; provide “on-the-job” training for workers; conduct pre-renovation notifications; follow specific work practice procedures for containment, disturbance and final clean-up; and inspection requirements. Renovation is defined as the modification to any existing structure or portion that results in the disturbance of LBP surfaces, unless the activity is performed as part of an abatement. In essence this regulation includes all work construction activities that disturb LBP surfaces.

END OF SECTION 00800
SECTION 09680
CARPET FLOORING

PART 1 – GENERAL

1.1 SUMMARY

A. Section Includes
   1. Carpet
   2. Carpet Edge and Transition Strips

B. Related Documents: Drawings and general provisions of the Contract including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 Related Sections

A. None

1.3 SUBMITTALS

A. Documentation for submittals shall be in accordance with the requirements of the General Condition.

B. Product Data: Provide data on specified products, describing physical and performance characteristics, sizes, patterns, colors available, and method of installation.

C. Selection Samples: Submit manufacturer’s complete set of color samples for Architect’s initial color selection.

D. Verification Samples: Submit two 18” x 18” samples illustrating color and pattern for each carpet material specified.

E. Architect will review and approve workmanship of the installation of flooring in a predetermined mock-up area, prior to proceeding with the remaining work.

F. Manufacturer’s Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

G. Maintenance Data: Include maintenance procedures, recommendations for maintenance materials and equipment, and suggested schedule for cleaning.

H. Warranty.

1.4 QUALITY ASSURANCE

A. Manufacturer Qualifications
   1. Company specializing in manufacturing specified carpet/backing with minimum 5 years documented experience.
2. Upon request, manufacturer to provide representative to assist in project start-up and to inspect installation while in process and upon completion. Representative will notify designated contact if any installation instructions are not followed.

3. Single Source Responsibility: Obtain each type of carpet from one source and by a single manufacturer.

B. Installer Qualifications
   1. Flooring contractor must be certified by the carpet manufacturer prior to bid.
   2. Flooring contractor to be a specialty contractor normally engaged in this type of work and shall have prior experience in the installation of these types of materials.
   3. Flooring contractor possessing Contract for the carpet installation shall not sub-contract the labor without written approval of the Project Manager.
   4. Flooring contractor will be responsible for proper product installation, including floor testing and preparation as specified by the carpet manufacturer and JOB CONDITIONS herein.
   5. Flooring contractor to provide Owner a written installation warranty that guarantees the completed installation to be free from defects in materials and workmanship for a period of one year after job completion.

1.5 DELIVERY, STORAGE, & HANDLING

   A. Deliver materials to the site in manufacturer’s original packaging listing manufacturer’s name, product name, identification number, and related information.

   B. Store in a dry location, between 60 degrees F and 80 degrees F and a relative humidity below 65%. Protect from damage and soiling. Stack carpet rolls horizontally on a flat surface, stacked no higher than two rolls.

   C. Make stored materials available for inspection by the Owner’s representative.

   D. Store materials in area of installation for minimum period of 48 hours prior to installation.

1.6 PROJECT CONDITIONS

   A. Sub-floor preparation is to include all required work to prepare the existing floor for installation of the product as specified in this document and Manufacturer’s installation instructions.

   B. The maximum amount of moisture evacuation from the floor is 5.0 pounds per 1,000 square feet in 24 hours. The acceptable pH level of the substrate is between 7.0 and 9.0. Flooring contractor is responsible for floor testing.

   C. All material used in sub-floor preparation and repair shall be recommended by the carpet
manufacturer and shall be chemically and physically compatible with the carpet system being bid.

D. Maintain minimum 65 degrees F ambient temperature and 65% Relative Humidity for 72 hours prior to, during, and 48 hours after installation.

E. Do not install carpet until space is enclosed and weatherproof, wet-work in space is completed and nominally dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.

1.7 EXTRA MATERIALS

A. Deliver all unused carpet tiles to Owner.

1.8 CARPET WARRANTY

A. Warranty to be sole source responsibility of the Manufacturer. Second source warranties and warranties that involve parties other than the carpet manufacturer are unacceptable.

B. If the product fails to perform as warranted when properly installed and maintained, the affected area will be repaired or replaced at the discretion of the Manufacturer.

B. Chair Pads are not required for carpet warranty coverage.

C. Warranty shall not exclude carpet product installed on stairs provided it is properly installed and maintained.

D. Warranty shall be for a minimum non-prorated period of Twenty-Five (25) years and shall cover against
   1. Excessive Surface Wear: More than 15% loss of pile fiber weight
   2. Excessive Static Electricity: More than 3.0 kV per AATCC 134
   3. Resiliency Loss of the Backing: More than 10% loss of backing resiliency
   4. Delamination
   5. Edge Ravel
   6. Zippering

E. Tuft Bind warranty in lieu of edge ravel and zippering is not acceptable.

F. Provide certification and warranty that product is fully or partially recyclable through manufacturer’s or aligned partner’s recycling program. Include information regarding what portions of the product will be recycled into other recyclable/non-recyclable products, down-cycled, landfilled, and/or incinerated.

PART 2 – PRODUCTS
2.1 Carpet

A. Manufacturers: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:
   1. Manufacturers: Collins and Aikman Floorcoverings (Applause III)

B. Size: Carpet tiles

C. Pattern & Color: Lapis & Marine, see drawing for location

D. Nylon Fiber: Bulked Continuous Filament Type 6.6 Nylon.

E. Mill-extruded fibers are not allowed.

F. Blends of Solutia fibers are not allowed. Solutia LXI fibers alone are not allowed.

G. Durable stain inhibitor should be applied to the fiber during product manufacturing to resist fiber staining and soiling. Minimum average of three fluorine analyses of a single composite sample per CRI TM-102: 500 ppm.

H. Fiber to contain carbon-core filament for permanent static control. Topical treatments not allowed.

I. Applied Soil-Resistance Treatment: Manufacturer’s standard material.

J. Antimicrobial Treatment: Manufacturer’s standard material.

2.2 BACKING CHARACTERISTICS

A. Thermoplastic vinyl composite.

B. Primary Backing: Synthetic Non-Woven.

C. Pre-Coat (Fusion Coat): Sealant Vinyl

D. Secondary Backing: Closed-Cell, Vinyl Cushion backing system.
   1. Density (ASTM D-1667): 18.5 lbs/cu ft +/- 5%
   2. Compression Set (ASTM D-1667): Max 10%
   3. Compression Deflection (ASTM D-1667): Min. 7 psi @ 25%; Max. 25 psi @ 25%
   4. Impermeable to moisture and airflow
   5. Provide for a chemically welded seam that is also impermeable to moisture and airflow
   6. 6’ Width Roll Goods

E. Product to be installed with a mill-applied releasable “dry” adhesive system to securely attach product to sub-floor in compliance with ADA guidelines (Section 4.5.3) if available from Manufacturer. Free-lay, grid system, and stretch-in installations not allowed.

F. Product to provide asbestos enclosure properties.
Enclosure means an airtight, impermeable, permanent barrier around ACBM (Asbestos Containing Building Material) to prevent the release of asbestos fibers into the air.

2.3 PERFORMANCE CHARACTERISTICS

A. Test reports for the following performance assurance testing to be submitted upon request. Submitted results shall represent average results for production goods of the referenced style.

B. Requirements listed below must be met by all products.

1. Flooring Radiant Panel
   ASTM E-648 / NFPA 253: Class 1 (CRF: 0.45 watts/sq cm or greater)

2. Federal Flammability
   CPSC FF 1-70: Passes

3. Smoke Density
   ASTM E-662 / NFPA 258: ≤ 450 Flaming Mode

4. Electrostatic Propensity
   AATCC 134 (Step & Scuff): 3.0 kV or less

5. Static Coefficient of Friction
   ASTM C-1028: Passes ADA Guidelines for Accessible Routes (Minimum 0.60)

6. Delamination of Secondary Backing of Pile Floor Coverings
   ASTM D-3936: No Delamination

7. Lightfastness
   AATCC 16E: ≥ 4 @ 100 hours

8. Vetterman Drum
   ASTM D-5417: Minimum 3 @ 22,000 cycles

9. Moisture Barrier
   Moisture Penetration by Impact @ 10 psi: No Penetration of backing and seam after 10,000 impacts

10. Air Flow Barrier
    Air Permeability of Textile Fabrics: No Air Flow (0.0 ft³/min) through backing and seam

11. Seam Integrity
    *Seam to remain intact after 50,000 cycles per Phillips Chair Test*

12. VOC Chamber Testing
    ASTM D-5116: Product inclusive of “dry” adhesive system meets criteria established by the State of California Indoor Air Quality Specification for Carpet and/or Carpet & Rug
Institute’s (CRI) Indoor Air Quality Carpet Testing Program. If “dry” adhesive (2.2E) not available from manufacturer and “wet” adhesive is used to install the product, carpet and adhesive to meet CRI’s Green Label requirements.

a. Total VOCs: 0.5mg/sq. m x h.
b. 4-PC (4-Phenylcyclohexene): 0.05mg/sq. m x h
c. Formaldehyde: 0.05mg/sq. m x h
d. Styrene: 0.4mg/sq. m x h

2.4 MANUFACTURING SPECIFICATIONS

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<thead>
<tr>
<th>Specification</th>
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<tr>
<td>Construction</td>
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<td>Stitch Rate</td>
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<td>Powerbond Backing System</td>
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<td>Fusion Coat</td>
<td>Sealant Vinyl</td>
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<td>Backing</td>
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<td>Flaming: Mean average: 450 or lower</td>
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<td>Flammability</td>
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<td>Warranties</td>
<td>25 year wear, delamination, edge ravel, static, zippering, loss of resiliency</td>
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B. Substitutes/Alternates

Subject to compliance with all requirements, “or equal” must match the selected color(s) and have similar aesthetic appearance and tuft density, closed-cell vinyl cushion backing (2.2D) and “dry” adhesive system (if available) to fully attach carpet product to sub-floor (2.2E). Substitutes/Alternates must be approved in writing by the Architect/Engineer for quality and color at least 10 days prior to bid to be considered.

2.5 ACCESSORIES

A. Materials recommended by Manufacturer for patching, priming, chemically welding the seams, etc.
B. Adhesives: Products to be supplied with a pre-cured, mill-applied or other “dry” adhesive system (2.2E) when available. Otherwise, adhesive should be full spread, extremely low VOC in compliance with CRI Indoor Air Quality Adhesive Testing Program requirements, compatible with materials being adhered, as recommended by the Manufacturer.

C. Floor-Patch and Leveling Compound: Products manufactured specifically for the purpose as recommended by the flooring manufacturer for the specified materials and application.

D. Base: provide 4-inches high, 1/8-inch thick, molded thermoset rubber base per ASTM F1861 with pre-molded end stops, and external corner strips. Acceptable manufacturers: Burke, Roppe. Color to be determined by district.

E. Carpet Edge and Transition Strips: as indicated on the drawings. Burke Flooring Products, Roppe Rubber Corporation. Color to be selected.

PART 3 EXECUTION

3.1 EXAMINATION / PREPARATION

A. Prepare sub-floor to comply with criteria established in Manufacturer’s installation instructions. Use only preparation materials that are acceptable to the Manufacturer.

1. Remove all deleterious substances from substrate(s) that would interfere with or be harmful to the installation.
2. Remove sub-floor ridges and bumps. Fill cracks, joints, holes, and other defects.

B. Verify that sub-floor is smooth and flat within specified tolerances and ready to receive carpet.

C. Verify that substrate surface is dust-free and free of substances that would impair bonding of product to the floor.

D. Verify that concrete surfaces are ready for installation by conducting moisture and pH testing. Results must be within limits recommended by Manufacturer.

E. There will be no exceptions to the provisions stated in the Manufacturer’s installation instructions.

3.2 INSTALLATION - GENERAL

A. Install product in accordance with Manufacturer’s installation instructions.

B. Verify carpet match before cutting to ensure minimal variation between dye lots.

C. Layout carpet and locate seams in accordance with the following.
1. Locate seams in area of least traffic, out of areas of pivoting traffic, and parallel to main traffic. Minimize cross seams.
2. Do not locate seams perpendicular through door openings.
3. Align run of pile in same direction as anticipated traffic and in same direction on adjacent pieces.
4. Locate change of color or pattern between rooms under door centerline.
5. Provide monolithic color, pattern, and texture match within any one area.
6. Check pattern repeat, if any, for matching during installation and possible waste factors in ordering required amounts.

F. Install carpet tight and flat on sub-floor, well-fastened at edges, with a uniform appearance.

G. Double-cut carpet seams with accurate pattern match. Make cuts straight, true, and unfrayed.

H. Chemically weld all seams with manufacturer’s recommended seam sealer as stated in installation instructions. Make sure the seam is fully sealed.

I. Roll with appropriate roller for complete contact of carpet with mill-applied adhesive to sub-floor.

J. Trim carpet neatly at walls and around interruptions.

K. Completed carpet is to be smooth and free of bubbles, puckers, and other defects.

3.3 PROTECTION & CLEANING

A. Remove excess adhesive and/or seam sealer from floor and wall surfaces without damage.

B. All rubbish, wrappings, debris, trimmings, etc. to be removed from site and disposed of properly.

C. Clean and vacuum carpet surfaces using a beater brush/bar commercial vacuum.

D. After each area of carpet is installed, protect from soiling and damage by other trades.

END OF SECTION