# APRIL 10, 2024 <br> Architectural Project \#2303 <br> TERRE HAUTE BOYS \& GIRLS CLUB RENOVATION 

## ADDENDUM NO. 1

PROJECT: Terre Haute Boys \& Girls Club Renovation

## THIS LETTER CONSTITUTES ADDENDUM NO. 1

The information contained in this Addendum shall become a part of the basic plans and specifications, the same as is originally incorporated therein. The original plans and specifications shall remain in their entirety, except as modified by the Addendum. The items herein shall supersede information in each of the specifications and plans.

The proposed contract documents for this work are modified as follows:
Item \#1 Existing Reflected Ceiling Plan has been added to the Drawings. (See Sheet D-2)
Item \#2 100 square feet of Asbestos Floor Tile Removal to be included in base bid. Contractor to provide Unit Price per additional square foot of additional floor tile removal. (See revised Bid Form.)

Item \#3 $\quad 2^{\text {nd }}-3^{\text {rd }}$ Power Hour Room cabinetry to be removed (See revised Sheet D-1)
Item \#4 Corridor water fountain to be removed/capped. (See revised Sheet D-1)
Item \#5 Dimensions regarding the walls being removed between classrooms have been revised on the Demolition Plan (See revised Sheet D-1)

Item \#6 Existing door hardware/keying manufacturer is Schlage. (See added note on Sheet A-3.2)
Item \#8 Moveable partition column foundation detail has been revised. (See revised Sheet A-4.1)
Item \#9 Cadets Room 123 \& Juniors Room 128 flooring types have been revised on finish schedule matrix. (See revised Sheet A-7.1)

Item \#10 Floor Finish Plan has been revised. (See Sheet A-7.1)
Item \#11 Interior Finish Schedule has been revised. (See Sheet A-7.1)
Item \#12 Concrete topping for stage area ramp to be SikaQuick 1000. (See Specification Section 03550 - Concrete Toppings)

| Item \#13 | Paint colors have been selected and paint specifications revised. (See revised Sheet A- <br> 7.1 and Specification Section $\mathbf{0 9 9 0 0}$ - Painting) |
| :--- | :--- |
| Item \#14 | Acoustic wall treatment notes have been added to interior elevations. (See revised <br> Sheets A-7.3 - A-7.7) |
| Item \#15 | Lockers will not be reused for breakroom - eliminated from Demolition Notes. (See <br> revised Sheet D-1 \& Sheet A-7.3) |
| Item \#16 | All cabinetry is to be laminate. (See revised Sheets A-7.1, A-7.2 and Specification Section <br> $\mathbf{0 6 4 1 0}$ - Cabinetry) |
| Item \#17 | Countertop support bracket information has been added to Finish Schedule. (See revised <br> Sheet A-7.1) |

## BID FORM ATTACHMENT

TERRE HAUTE BOYS \& GIRLS CLUB RENOVATION
55 SOUTH BROWN AVENUE
TERRE HAUTE, IN 47803

## Bidding Contractors:

1. Pursuant to and in compliance with the invitation to bid and the proposed Contract Documents relating to Project, including any addenda, the undersigned, having become thoroughly familiar with the terms and conditions of the proposed Contract Documents and with the local conditions affecting the performance and costs of the work at the places where the work is to be completed, and having inspected the sites in all particulars, hereby purposes and agrees to fully perform the work within the time stated and in strict accordance with the proposed Contract Documents, including furnishing any and all labor and materials, and to do all of the work required to construct and complete said work in accordance with the Contract Documents, for the following sum of money:
2. I understand that the Owner reserves the right to reject this bid, but that this bid shall remain open and not be withdrawn for a period of sixty days from the date prescribed for its opening.
3. If written notice of the acceptance of this bid is mailed or delivered to the undersigned within thirty days after the date set for the opening of this bid, or at any other time thereafter before it is withdrawn, the undersigned will execute and deliver the Contract Documents to the Architect in accordance with this bid as accepted, and will also furnish and deliver to the Architect, Proof of Insurance Coverage within seven days after personal delivery or after deposit in the mails of the notification of acceptance of this bid.
4. If awarded a contract under this proposal, the undersigned agrees to start work within seven (7) days of the contract signing, Notice of Acceptance, or request for additional information, may be addressed to the undersigned at the address set forth below:

## ADDENDA CONFIRMATION

Bidder here with acknowledges receipt and has incorporated the provisions of the following addenda in this bid.
Addendum Number
Date
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## BID FORM

## PROJECT: TERRE HAUTE BOYS \& GIRLS CLUB RENOVATION

## ALTERNATES:

OMIT ALL STAGE/MULTI-PURPOSE ROOM MODIFICATIONS (DEDUCT)

COMPLETE CONSTRUCTION BID (IN WRITING)
(IN FIGURES)

UNIT PRICES:
ASBESTOS FLOOR TILE REMOVAL PER SQUARE FOOT (ADD)

COMPLETE CONSTRUCTION BID (IN WRITING)

Date $\qquad$ , 2024

> (Firm Name)

Official Address:
$\qquad$ By: $\qquad$
Title: $\qquad$
Phone: $\qquad$

## PROJECT SPECIFICATIONS

## DIVISION ONE - GENERAL REQUIREMENTS

01070 Cutting and Patching
01085 Applicable Standards
01300 Submittals and Substitutions and Shop Drawings
01485 Temporary Facilities and Controls
01500 Asbestos Removal
01710 Cleaning
01720 Project Record Documents
DIVISION TWO - SITE CONSTRUCTION
Not Used
DIVISION THREE - CONCRETE
03100 Concrete Formwork
03110 Concrete Work
03210 Steel Reinforcement for Concrete
*03550 Concrete Toppings
DIVISION FOUR - MASONRY
04100 Mortar
04150 Masonry Accessories
04200 Unit Masonry
DIVISION FIVE - METAL
05200 Miscellaneous Metals
05400 Metal Framing
DIVISION SIX - WOOD AND PLASTIC
06001 Carpentry Work
06240 Laminated Plastic
*06410 Cabinetwork
DIVISION SEVEN - THERMAL AND MOISTURE PROTECTION
07212 Insulation
07951 Sealants and Caulking
08110 Metal Doors
08111 Stock Hollow Metal Work
08210 Wood Doors
08531 Vinyl Windows
08710 Finish Hardware
DIVISION NINE - FINISHES
09260 Gypsum Wallboard
09510 Acoustical Ceiling
09660 Resilient Flooring
09680 Carpet
09775 Sanitary Wall Finish
*09900 Painting
DIVISION TEN - SPECIALITIES
10650 Operable Partitions
DIVISION ELEVEN - EQUIPMENT
DIVISION TWELVE - FURNISHINGS
DIVISION THIRTEEN - SPECIAL CONSTRUCTION
DIVISION FOURTEEN - CONVEYING SYSTEMS
DIVISION FIFTEEN - MECHANICAL
15400 Plumbing
15600 Heating, Ventilating and Air Conditioning
DIVISION SIXTEEN - ELECTRICAL
16001 Electrical

## SECTION 03550 CONCRETE TOPPINGS

## Part 1 - General

### 1.01 Summary

A. This specification describes the patching or overlay of interior and/or exterior horizontal surfaces with a rapid setting, portland cement mortar/concrete.

### 1.02 Quality Assurance

A. Manufacturing qualifications: The manufacturer of the specified product shall be ISO 9001 certified and have in existence a recognized ongoing quality assurance program independently audited on a regular basis.
B. Contractor qualifications: Contractor shall be qualified in the field of concrete repair and protection with a successful track record of 5 years or more. Contractor shall maintain qualified personnel who have received product training by a manufacturer's representative
C. Install materials in accordance with all safety and weather conditions required by manufacturer or as modified by applicable rules and regulations of local, state and federal authorities having jurisdiction. Consult Material Safety Data Sheets for complete handling recommendations.

### 1.03 Delivery, Storage, and Handling

A. All materials must be delivered in original, unopened containers with the manufacturer's name, labels, product identification, and batch numbers. Damaged material must be removed from the site immediately.
B. Store all materials off the ground and protect from rain, freezing or excessive heat until ready for use.
C. Condition the specified product as recommended by the manufacturer.

### 1.04 Job Conditions

A. Environmental Conditions: Do not apply material if it is raining or snowing or if such conditions appear to be imminent. Minimum application temperature $45^{\circ} \mathrm{F}\left(7^{\circ} \mathrm{C}\right)$ and rising.
B. Protection: Precautions should be taken to avoid damage to any surface near the work zone due to mixing and handling of the specified material.

### 1.05 Submittals

A. Submit two copies of manufacturer's literature, to include: Product Data Sheets, and appropriate Material Safety Data Sheets (MSDS).

### 1.06 Warranty

A. Provide a written warranty from the manufacturer against defects of materials for a period of one (1) year, beginning with date of substantial completion of the project.

## Part 2 - Products

### 2.01 Manufacturer

A. SikaQuick 1000, as manufactured by Sika Corporation, is considered to conform to the requirements of this specification. Submit substitution requests to Project Architect.

### 2.02 Materials

A. General

1. The material shall be a blend of selected portland cements, specially graded aggregates, admixtures for controlling setting time, water reducers for workability, and an organic accelerator.
2. The materials shall be non-combustible, both before and after cure.
3. The materials shall be supplied in a factory-blended bag.
4. The rapid-setting cement mortar must be placeable from $1 / 4$-in. to 1 -in. in depth per lift for horizontal applications.
B. To prepare a rapid-setting portland cement concrete: aggregate shall conform to ASTM C-33. The material shall be extended with $25-\mathrm{lb}$. of a $3 / 8 \mathrm{in}$. ( No. 8 distribution per ASTM C-33, Table II) clean, well-graded, saturated surface dry aggregate, having low absorption, high density and non-reactive (reference ASTM C1260, C227, C289). Aggregate must be approved for use by the Engineer.

### 2.03 Performance Criteria

A. Typical Properties of the material:

1. Working Time: Approximately 30 minutes
2. Color: concrete gray
B. Typical Properties of the cured material (mortar):
3. Compressive Strength (ASTM C-109)

| a. | 3 hours: | $1,250 \mathrm{psi}$ |
| :--- | :--- | :--- |
| b. | 1 day: $\quad 4,000 \mathrm{psi} \min$. | $(27.6 \mathrm{MPa})$ |
| d. | 7 day: | $5,000 \mathrm{psi} \min$. |
| f. | 28 day: | $7,000 \mathrm{psi}$ min. |
|  |  | $(48.2 \mathrm{MPa})$ |

2. Flexural Strength (ASTM C-78) @ 28 days: $1,000 \mathrm{psi}$ ( 6.9 MPa )
3. Splitting Tensile Strength (ASTM C-496) @ 28 days 500 psi ( 3.4 MPa )
4. Bond Strength (ASTM C-882 Modified) @ 28 days: 2,500 psi (17.2 MPa)
5. The portland cement mortar shall not produce a vapor barrier.
6. Density (wet mix): approximately $136 \mathrm{lbs} . / \mathrm{cu} . \mathrm{ft}$. ( $2.18 \mathrm{~kg} / \mathrm{l}$ )
7. Permeability (ASTM C-1202) @ 28 days Approximately < 1000 Coulombs
8. Drying Shrinkage, (ASTM C596) @ 28 days: $0.06 \%$
9. Freeze/Thaw resistance (ASTM C666) @ 28 days: $98 \%$

Note: Tests above were performed with the material and curing conditions @ $\mathbf{7 1}^{\circ} \mathrm{F}-75^{\circ} \mathrm{F}$ and $\mathbf{4 5 - 5 5 \%}$ relative humidity.

## Part 3 - Execution

### 3.01 Surface Preparation

A. Areas to be repaired must be clean, sound, and free of contaminants. All loose and deteriorated concrete shall be removed by mechanical means. Mechanically prepare the concrete substrate to obtain a surface profile of $+/-1 / 8^{\prime \prime}$ (CSP 6 or greater as per ICRI Guidelines) with a new exposed aggregate surface. Area to be patched shall not be less than $1 / 4$ " in depth.
B. Where reinforcing steel with active corrosion is encountered, sandblast the steel to a white metal finish to remove all contaminants and rust. Where corrosion has occurred due to the presence of chlorides, the steel shall be high pressure washed after mechanical cleaning. Prime steel with 2 coats of Sika Armatec 110 EpoCem as directed by manufacturer. (See Spec Component SC-201-0699)

### 3.02 Mixing and Application

A. Mechanically mix in appropriate sized mortar mixer or with a Sika jiffy paddle and low speed (400600 rpm ) drill. Pour approximately 5 pints of water into the mixing container. Add the powder while continuing to mix. Mix to a uniform consistency for a maximum of three minutes. Add up to another $1 / 2$ pint of water to mix if a greater flow is desired. Should smaller quantities be needed, be sure the proper water/powder ratio is maintained and that the dry material is uniformly blended before mixing the 03550-2
components together. Mix only that amount of material that can be placed in 30 minutes. Do not retemper material.
B. Mixing of the rapid-setting portland cement concrete: Pour 5 to $51 / 2$ pints of water into the mixing container. Add the powder while continuing to mix. Add correct amount of the pre-approved coarse aggregate, and continue mixing to a uniform consistency. Mixing time should be 3 minutes maximum.
C. Placement Procedure: At the time of application, the substrate should be saturated surface dry with no standing water. Mortar and/or concrete must be scrubbed into substrate filling all pores and voids. While the scrub coat is still plastic, force material against edge of repair, working toward center. After filling, consolidate, then screed. Allow mortar or concrete to set to desired stiffness, then finish with a trowel for a smooth surface. Broom or burlap drag for rough surface. Areas where the depth of the repair is less than 1 -inch shall be repaired with the neat rapid setting portland cement mortar. In areas where the depth of the repair is greater than 1 inch, the repair shall be made with the rapid-setting portland cement concrete.
D. As per ACI recommendations for portland cement concrete, curing is required. Moist cure with wet burlap and polyethylene, a fine mist of water or a water-based* compatible curing compound. Moist curing should commence immediately after finishing and continue for 48 hours. Protect newly applied material from rain, sun, and wind until compressive strength is $70 \%$ of the 28 -day compressive strength. To prevent from freezing cover with insulating material. Setting time is dependent on temperature and humidity.
*Pretesting of curing compound is recommended.
E. Adhere to all procedures, limitations and cautions for this product in the manufacturers current printed technical data sheet and literature.

### 3.05 Cleaning

A. The uncured material can be cleaned from tools with water. The cured cement mortar can only be removed mechanically.
B. Leave finished work and work area in a neat, clean condition without evidence of spillovers onto adjacent areas.

## Section 06410

## CABINETWORK

## PART ONE - GENERAL

### 1.01 DESCRIPTION

A. Work included: Provide all cabinetwork shown on the Drawings, complete in place, as specified herein.

### 1.02 QUALITY ASSURANCE

A. Standards: Comply with standards specified in the General Requirements of these Specifications.
B. Qualifications of manufacturer: Products used in the work of this Section shall be produced by manufacturers regularly engaged in manufacture of similar items and with a history of successful production acceptable to the Architect.
C. Qualifications of installers: Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and methods needed for proper performance of the work of this Section.
D. Certification: In addition to complying with all pertinent codes and regulations, comply with the Custom Grade Requirements for Construction and Joinery of the Architectural Woodwork Institute and provide certification on Shop Drawings.

### 1.03 SUBMITTALS

A. General:
(1) Comply with the general requirements of these specifications. Submit the following product data for approval after award of the contract.
(a) Manufacturer's specifications and other data to demonstrate compliance with these specifications.
(b) Samples of the full range of colors and patterns and of exposed accessories from proposed manufacturers.
(c) Manufacturer's recommended installation procedures, material list and shop drawings indicating seam locations and structure.
(2) The manufacturer's recommended installation procedures when accepted will be the basis for inspection and acceptance or rejection of work.

### 1.04 PRODUCT HANDLING

A. Protection: Use all means necessary to protect materials of this Section before, during and after installation and to protect the installed work and materials of all other trades.
B. Replacement: In the event of damage, immediately make all repairs and replacements necessary to the approval of the Architect and at no additional cost to the Owner.

## PART TWO - PRODUCTS

### 2.01 CABINETS

A. General: Fabricate and replace cabinet doors and drawers to the dimensions and arrangements shown on the Drawings, and according to the requirements of this Section.
B. Products:
(1) Cabinet door fronts are to be as shown on drawings.
(2) Cabinet drawer fronts are to be as shown on drawings.

## PART THREE - EXECUTION

### 3.01 FABRICATION

A. Fabricate the work of this Section in strict accordance with the original design and the approved Shop Drawings.

### 3.02 INSTALLATION

A. Inspection: Examine the areas and conditions under which work of this Section will be installed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions have been corrected.
B. Installation: Install all components in strict accordance with the original design and the approved Shop Drawings anchoring all items firmly into position for long life under hard use.
C. Any filler strips used in cabinet installation shall have the same finish as the cabinets. All cabinets shall be installed plumb and level and securely anchored. All hardware shall be properly adjusted. All shelving bear on all four bearing points. All exposed surfaces shall have the same finish as the front of the cabinets.

### 3.03 CLEANING AND ADJUSTMENT

A. Upon completion of the installation, visually inspect each installed item, thoroughly clean all surfaces by using the cleaning materials recommended by the manufacturer of the finish being cleaned, and carefully adjust all operating components for optimum operation.

## END OF SECTION

## Section 09900

## PAINTING

## PART ONE - GENERAL

### 1.01 DESCRIPTION

A. Work included: Paint and finish all exposed surfaces in accordance with the types of finish shown on the Finish Schedule, in the Drawings and as specified herein.
B. Related work described elsewhere: Priming or priming and finishing of certain surfaces are specified to be factory performed under pertinent other Sections.
C. Work not included:
(1) Do not include painting which is specified under other Sections.
(2) Unless otherwise indicated, painting is not required on surfaces in concealed areas and inaccessible areas such as furred spaces, foundation spaces, utility tunnels, pipe spaces, and duct shafts.
(3) Metal surfaces of anodized aluminum, stainless steel, chromium plate, copper, bronze, and similar finished materials will not require painting under this Section except as may be specified herein.
(4) Do not paint any moving parts of operating units; mechanical or electrical parts such as valve operators, linkages, sinkages, sensing devices, and motor shafts, unless otherwise indicated.
(5) Do not paint over any required labels or equipment identification, performance rating, name or nomenclature plates.
D. Shop priming: Shop priming of ferrous metal items is included under the various sections for structural steel, miscellaneous metal, hollow metal work, and similar items. Also for fabricated components such as architectural woodwork, wood casework, and shop-fabricated or factory-built mechanical and electrical equipment or accessories.
E. Definitions: The term "paint" as used herein, means all coating systems materials including primers, emulsions, epoxy, enamels, sealers, fillers, and other applied materials whether used as prime, intermediate, or finish coats.

### 1.02 QUALITY ASSURANCE

A. In case the paint manufacturer's specifications or instructions differ from the above specifications, apply the more stringent requirements to this work. Color finishes on metal surfaces shall be warranted for a period of: 15 years against chipping, cracking, blistering and peeling and for 10 years against excessive chalking and fading. The finishes shall also meet ASTM D-659-44 No. 8 rating when applied to vertical walls, or in excess of ASTM D-659-44 No. 6 rating when applied to roof surfaces and against fading in excess of 5.0 NBS units.
B. Qualifications of manufacturer: Products used in the work of this Section shall be produced by manufacturers regularly engaged in manufacture of similar items and with a history of successful production acceptable to the Architect.
C. Qualifications of workmen:
(1) Provide at least one person who shall be present at all times during execution of the work of this Section, who shall be thoroughly familiar with the specified requirements and the materials and methods needed for their execution, and who shall direct all work performed under this Section.
(2) Provide adequate numbers of workmen skilled in the necessary crafts and properly informed of the methods and materials to be used.
(3) In acceptance or rejection of the work of this Section, the Architect will make no allowance for lack of skill on the part of workmen.
D. Paint coordination:
(1) Provide finish coats which are compatible with the prime coats used.
(2) Review other Sections of these Specifications as required, verifying the prime coats to be used and assuring compatibility of the total coating system for the various substrata.
(3) Upon request, furnish information on the characteristics of the specific finish materials to ensure that compatible prime coats are used.
(4) Provide barrier coats over non-compatible primers, or remove the primer and re-prime as required.
(5) Notify the Owner in writing of anticipated problems in using the specified systems over prime coating supplied under other sections.

### 1.03 SUBMITTALS

A. General: Comply with provisions of the General Requirements of these Specifications.
B. Manufacturers' data: Within 7 calendar days after award of the Contract, submit:
(1) Complete materials list of all items proposed to be furnished and installed under this Section.
(2) Manufacturer's specifications and other data required to demonstrate compliance with the specified requirements.
(3) For information only, submit two copies of manufacturer's specifications including paint analysis and application instructions for each material. Indicate in the transmittal that a copy of each manufacturer's instructions has been distributed to the applicator.
C. Upon receipt of review comments, make all revisions and corrections, and resubmit if so required.

### 1.04 PRODUCT HANDLING

A. Delivery of materials: Deliver all materials to the job site in original, new and unopened containers bearing the manufacturer's name and label showing the following information:
(1) Name or title of the material;
(2) Fed. Spec. number, if applicable;
(3) Manufacturer's stock number;
(4) Manufacturer's name;
(5) Contents by volume for major constituents;
(6) Thinning instructions;
(7) Application instructions.
B. Storage of materials: Provide proper storage to prevent damage to, and deterioration of, paint materials.
C. Protection: Use all means necessary to protect the materials of this Section before, during and after installation and to protect the work and materials of all other trades.
D. Replacements: In the event of damage; immediately make all repairs and replacements necessary to the approval of the Architect and at no additional cost to the Owner.

### 1.05 JOB CONDITIONS

A. Surface temperatures: Do no apply solvent-thinned paint when the temperature of surfaces to be painted and the surrounding air temperature are below $45^{\circ} \mathrm{F}$., unless otherwise permitted by the manufacturer's printed instructions as approved by the Architect.
B. Weather conditions: Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds $85 \%$ or to damp or wet surfaces; unless otherwise permitted by the manufacturer's printed instructions as approved by the Architect. Applications may be continued during inclement weather within the temperature limits specified by the paint manufacturer during application and drying periods.

### 1.06 EXTRA STOCK

A. Amount: Upon completion of the work of this Section, deliver to the Owner an extra stock equaling $10 \%$ of each color, type, and gloss of paint used on the work.
B. Packaging: Tightly seal each container and clearly label with the contents and location used.

## PART TWO - PRODUCTS

### 2.01 PAINT MATERIALS

A. Paint products and materials shall be manufactured by Sherwin Williams, Pittsburgh Paint, and Porter Paints or equal products of other manufacturers must be approved by the Architect.
B. General: Provide the best quality grade of the various types of coatings as regularly manufactured by paint materials manufacturers approved by the Architect. Materials not displaying the manufacturer's identification as a standard best-grade product will not be acceptable.
C. Durability: Provide paints of durable and washable quality. Do not use paint materials which will not withstand normal washing as required to remove pencil marks, ink, ordinary soil, and similar material showing discoloration, loss of gloss, staining, or other damage.
D. Colors and glosses: The Architect will select colors to be used in the various types of paint specified and will be the sole judge of acceptability of the various glosses obtained from the materials proposed to be used in the work.
E. Undercoats and thinners: Provide undercoat paint produced by the same manufacturer as the finish coat. Use only the thinners recommended by the paint manufacturer, and use only the recommended limits. Insofar as practicable, use undercoat, finish coat, and thinner material as parts of a unified system of paint finish.
F. Standards: Provide paint materials which meet or exceed the standards listed for each application in the Painting Schedule in Part Three of this Section.

### 2.02 APPLICATION EQUIPMENT

A. General: For application of the approved paint, use only such equipment as is recommended for application of the particular paint by the manufacturer of the particular paint, and as approved by the Architect.
B. Compatibility: Prior to actual use of application equipment, use all means necessary to verify that the proposed equipment is actually compatible with the material to be applied and that the integrity of the finish will not be jeopardized by use of the proposed application equipment.
C. Other materials: All other materials, not specifically described but required for a complete and proper installation of the work of this Section, shall be new, first-quality of their respective kinds, and as selected by the Contractor subject to the approval of the Architect.

## PART THREE - EXECUTION

### 3.01 SURFACE CONDITIONS

A. Inspection: Prior to installation of the work of this Section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where this installation may properly commence. Verify that painting may be completed in strict accordance with the original design and with the manufacturer's recommendations as approved by the Architect.
B. Discrepancies: Do not proceed in areas of discrepancy until all such discrepancies have been fully resolved.

### 3.02 MATERIALS PREPARATION

A. Mix and prepare painting materials in strict accordance with the manufacturer's recommendations as approved by the Owner.
B. Store materials not in actual use in tightly covered containers.
C. Maintain containers used in storage, mixing, and application of paint in a clean condition, free from foreign materials and residue.
D. Stirring: Stir all materials before application to produce a mixture of uniform density, and as required during the application of materials. Do not stir into the material any film which may form on the surface. Remove this film and, if necessary, strain the material before using.

### 3.03 SURFACE PREPARATION

A. General:
(1) Perform all preparation and cleaning procedures in strict accordance with the paint manufacturer's recommendations as approved by the Architect.
(2) Removal all removable items which are in place and are not scheduled to receive paint finish, or provide surface-applied protection prior to surface preparation and painting operations.
(3) Following completion of painting in each space or area, reinstall the removed items by using workmen skilled in the necessary trades.
(4) Clean each surface to be painted prior to applying paint or surface treatment.
(5) Removal all oil and grease with clean cloths and cleaning solvents of low toxicity and a flash point in excess of $30^{\circ} \mathrm{C}$. ( 100 degrees F.), prior to start of mechanical cleaning.
(6) Schedule the cleaning and painting so that dust and other contaminants from the cleaning process will not fall into wet, newly painted surfaces.

## B. Preparation of wood surfaces:

(1) Clean all surfaces until they are completely free from dirt, oil, and grease.
(2) Smooth all finished wood surfaces exposed to view, using the proper sandpaper. Where so required, use varying degrees of coarseness in sandpaper to produce a uniformly smooth and unmarred wood surface.
(3) Unless specifically approved by the Owner, do not proceed with painting of wood surfaces until the moisture content of the wood is $12 \%$ or less as measured by a moisturemeter approved by the Architect.
C. Preparation of metal surfaces:
(1) Thoroughly clean all surfaces until they are completely free form dirt, oil and grease.
(2) On galvanized surfaces, use solvent for the initial cleaning and then treat the surface thoroughly with phosphoric acid etch. Removal all etching solution before proceeding.
(3) Allow to dry thoroughly before application of paint.
D. Preparation of concrete surfaces:
(1) Remove all curing compounds and efflorescence from concrete and masonry surfaces and roughen as required to provide good adhesion of paints. If washing of the surface of masonry is required, us trisodium phosphate solution followed by clean water rinse. Fill all minor holes and grind off projection to produce a uniform surface.

### 3.04 PAINT APPLICATION

## A. General:

(1) Slightly vary the color of succeeding coats. Do not apply additional coats until the complete coat has been inspected and approved by the Architect. Only the inspection and approved coats of paint will be considered in determining the number of coats applied.
(2) Sand and dust between enamel coats to remove all defects visible to the unaided eye from a distance of five feet.
B. Drying:
(1) Allow sufficient drying time between coats. Modify the period as recommended by the material manufacturer to suit adverse weather conditions.
(2) Oil-base and oleo-resinous solvent-type paints shall be considered dry for recoating when the paint feels firm, does not deform or feel sticky under moderate pressure of the thumb, and the application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.
C. Brush application: Brush out and work all brush coats onto the surface in an even film. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, and other surface imperfections will not be acceptable.
D. Spray application:
(1) Confine spray application to metal framework and similar surfaces where hand brush work would be inferior.
(2) Wherever spray application is used, apply each coat to provide the equivalent hiding of brush applied coats. Do not double back with spray equipment for the purpose of building up film thickness of two coats in one pass.
E. Completed work shall match the approved color charts and manufacturer's specifications for color, texture, and coverage. Remove, refinish, or repaint all work not in compliance with specified requirements.

### 3.05 PAINTING SCHEDULE

A. General:
(1) Colors shall be standard colors provided by the specified manufacturers and as shown on the Drawings or as directed by the Architect.
(2) Local and National V.O.C. (Volatile Organic Compound) regulations are constantly changing; consult with manufacturer representatives before finalizing the selection.

## B. Interior Glazed Block and Ceramic Tile Walls

(1) Pretreatment/Surface Preparation: After removing all surface contamination by washing, the glazed tile/block surface should be abraded/scuff sanded/sand blasted to create a dull surface profile. Etching Creams designed to be used on glazed and ceramic tile may also be used to create a dull surface profile.
(2) Prime Coat: B51W01150 EXTREME BOND Interior/Exterior Bonding Primer
(3) Two Finish Coats (single component vinyl acrylic wall paint): B30W12651 ProMar 200 Zero VOC Interior Latex Flat or B20W12651 ProMar 200 Zero VOC Interior Latex Eg-Shel
OR
(Single Component Waterbased PreCatalyzed Epoxy): K45W2151
Pro Industrial PreCatalyzed Waterbased Epoxy - Eg-Shel or K46W2151 Pro Industrial PreCatalyzed Waterbased Epoxy -Semi-Gloss tinted to the choice of color.

## C. Interior Previously Painted CMU Walls

(1) Prime Coat/Spot Prime Coat:(bare CMU areas only): B25W25 PrepRite Block Filler
(2) Two Finish Coats: K45W2151 Pro Industrial PreCatalyzed Waterbased Epoxy -Eg-Shel or K46W2151 Pro Industrail PreCatalyzed Waterbased Epoxy - SemiGloss

Notes: 1. Wash/clean all surfaces to be painted to remove all dirt, grease, chalk, loose paint and surface contaminates. All surface preparation and product application must be in accordance with all local, state and federal regulations.
2. Where a sheen is present on the existing coating, sand the existing paint finish to create a surface profile so the new coating can obtain proper mechanical adhesion.
3. If the surfaces to be painted are heavily contaminated with grease or oil, clean the highly contaminated areas with Great Lakes Laboratories Extra Muscle Prepaint Cleaner.
4. On ferrous metal surfaces remove all loose existing paint and corrosion by using SSPC-SP2 Hand Tool Cleaning and SSPC-SP3 Power Tool Cleaning.
5. Follow all instructions on the Product Data Sheet and Product Label.
6. Mock up samples should be applied before the start of the project to insure the acceptable and successful installation technique. Successful mock up samples will also help insure the compatibility of the new coatings with the previously painted surfaces. Acceptable mock up samples can then be approved by the owner/design professional before the start of the project.
7. Please contact a local Sherwin-Williams Commercial Representative to assist with the application of the mock up samples if needed.

## END OF SECTION

# TERRE HAUTE BOYS \& GIRLS CLUB RENOVATION 55 SOUTH BROWN AVENUE TERRE HAUTE, INDIANA 

TERRE HAUTE BOYS \& GIRLS CLUB BOBBY MOORE, CHIEF EXECUTIVE OFFICER BOARD OF DIRECTORS DAVE FRIEDRICH, PRESIDENT

SANDERS \& ASSOCIATES INC.
AMANDA JUKES, ARCHITECT

## ARCHITECTURAL NOTES


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STEAM WEST INT. ELEVATION

$\left(\frac{2}{2 .-76}\right)$ STEAM NORTH INT. ELEVATION




4 STEAM ROOM FURNITURE PLAN


