



City of Rohnert Park
Public Works Department

DATE: March 8, 2019
TO: ALL PLANHOLDERS
SUBJECT: City of Rohnert Park
Callinan Sports Center Water Damage Repair Project
Project No. 2018-42
NO. OF PAGES: 9

ADDENDUM NO. 1

This package provides an addendum to the Project Contract Documents. This Addendum shall become part of the Contract and all provisions of the Contract shall apply thereto.

Bidders shall acknowledge receipt of this Addendum by signing the acknowledgement located in the Bid Proposal documents, under "Addendum Acknowledgement." Failure to do so may cause your bid to become non-responsive and subject to rejection.

1. CONTRACT DOCUMENTS/SPECIFICATIONS CHANGE AS FOLLOWS:

ATTACHMENT A SCOPE OF WORK

Southern Hallway

Revise second bullet as follows: Replace flooring in kind—commercial grade carpet squares (~~match northern hallway carpet squares~~) with Carthage Legacy 26 oz Infinity Modular 24x24 modular tiles with Manufacture's recommended adhesive (see Technical Specification) or equal 1,403 SF

Add new bullet: Clean concrete wall to remove water staining at the leak area.


PART 4 – TECHNICAL SPECIFICATIONS

Insert new Pages 4-5 through 4-11 for carpet

2. QUESTIONS FROM BIDDERS

- *Will the doors and trim within the affected project area be painted?*
 - Response: No. Only the walls and ceiling as described in the contract documents.
- *Is there an as-built drawing that shows the striping for the Basketball Court?*
 - Response: Please see attached as-built Sheet A-26

Addendum No. 1 approved by:


Terrie Zwillinger, Project Manager

3-8-19
Date

Product Specifications CARTHAGE LEGACY - 26 oz -- INFINITY MODULAR

PHYSICAL CONSTRUCTION:

CONSTRUCTION:	Graphic Loop (Non-Ortho Phthalate Construction)
FACE FIBER:	Invista Antron Legacy Type 6,6 Four Hole, Hollow Filament Nylon, with Permanent Stain and Bleach Protection, Static Control, and Duratech Soil Resistant Treatment, and a Fiber Modification Ratio of <1.5
DYE METHOD:	Solution 63% / Yarn 37%
GAUGE:	1/10
STITCHES PER INCH:	12
PILE THICKNESS:	.102 Inches
TUFTED YARN WEIGHT:	26 Ounces Per Square Yard
DENSITY:	Average Density = 9,176; Weight Density = 238,588
PRIMARY BACKING:	100% Synthetic
SECONDARY BACKING:	Infinity Modular Reinforced Composite Closed Cell Polymer
STANDARD SIZE:	24" X 24" Modular Tiles
INSTALLATION METHOD:	Monolithic

ENVIRONMENTAL:

RECYCLED CONTENT:	Contains Pre-Consumer Recycled Content*
MANUFACTURE LOCATION:	Calhoun, Georgia 30701 USA
CRI GREEN LABEL PLUS CERTIFIED	
ISO 14001 CERTIFIED	
3 RD PARTY CERTIFICATION:	Type III EPD (Environmental Product Declaration) V2.1 HPD (Health Product Declaration)

WARRANTIES:

WARRANTY:	Lifetime Limited Warranty, Including Face Wear, Moisture Barrier, Delamination, Tuft Bind, Unraveling, and Static Protection
BLEACH RESISTANT WARRANTY:	ColorSafe with 15 Year Limited Warranty Against Color Loss from Bleach Spills
STAIN RESISTANT WARRANTY:	XGUARD with 15 Year Limited Warranty Against Staining

PRODUCT TESTING:

RADIANT PANEL (ASTM E-648):	Class I (Direct Glue)
SMOKE CHAMBER (ASTM E-662):	Less than 450 (Flaming Mode)
METHENAMINE PILL TEST (ASTM D-2859):	Passes
DIMENSIONAL STABILTY AACHEN TEST:	Passes
ELECTROSTATIC PROPENSITY (AATCC 134):	Less than 3.0 KV

RECOMMENDED ADHESIVE:

RELEASEABLE ADHESIVE:	Mannington Infinity Pressure Sensitive Adhesive
CRI GREEN LABEL PLUS ID:	GLP70522
VOC LIMITS:	Meets SCAQMD Rule #1168
BOND WARRANTY:	Lifetime Limited Warranty When Used With Mannington Carpet

Specifications are subject to normal manufacturing variances. Specifications are subject to change without notice when technological advancements provide improved product performance.

* Please contact Mannington Technical Services at 1-800-241-2262 for updated, specific recycled content percentages for each product.

Infinity Modular, Infinity 2 & Infinity Cushion Carpet Tile Installation Guidelines

GENERAL INFORMATION

Mannington adheres to basics of the Carpet and Rug Institute's (CRI) Installation Standard, which offers general minimum requirements. In addition to the minimums from CRI, this guide provides specific detail required for Mannington products. Mannington requires site and subfloor conditions like those for any carpet tile. Site should be fully enclosed with an HVAC system functioning to maintain temperature within a range similar to levels maintained when occupied as explained here.

All recommendations are based on the most recent available information. The information on this sheet provides general subfloor guidelines. For complete details consult Mannington's General Installation Guide or visit our website at www.manningtoncommercial.com. All instructions and recommendations must be followed for a satisfactory installation. Good preparation is essential for a trouble-free installation. Do not install Mannington flooring until job-site testing and subfloor preparations are finished, and the work of all other trades is complete. Site conditions must comply with relevant building codes and local, state, and national regulations.

ESSENTIAL FIRST STEPS

- **Check style and color.** Mannington requires the carpet be inspected prior to installation for proper style, color, and potential defects.
- **No visible defects.** No claims will be honored if modules are installed with visible defects.
- **Read instructions.** Read all instructions prior to beginning installation.
- **Confirm layout.** Each style of Mannington carpet tile will have a recommended layout or method for installation that will be specific to that style. Whether the layout is Monolithic, Horizontal Brick Ashlar, Vertical Ashlar, or Quarter-turn, the recommended layout will be listed in the brochure of the architect folder or website. Mannington evaluates each style in a range of layouts to help maximize seam appearance. Customer should evaluate a small mock-up of the recommended layout and tile direction prior to proceeding with full installation. Use of any other layout can compromise seam aesthetics. Mannington will not accept claims for carpet installed using a different layout than recommended. Diagrams are provided on page 5.
- **Site conditions.** Maintain temperature at 60-85°F with ambient humidity between 40-60% for 48-72 hours before, during installation, and at least 48-72 hours after installation. Maintain temperature between 55-90°F for product life.
- **Material conditioning.** Carpet tiles must be allowed to adjust to job-site temperature for a minimum of 48 hours prior to installation.
- **Subfloor testing.** Concrete subfloors must be tested to determine whether chemical pH and moisture emission levels are suitable. Chemical pH should be 10 or less. Relative Humidity, ASTM-F-2170 (preferred test method), should be 90% or less. Calcium Chloride testing, ASTM-F-1869, should be eight (8) pounds or less.
- **Vapor retarder.** Concrete subfloors must have a suitable vapor retarder properly installed directly beneath the slab per ASTM-E-1745.
- **Adhesive.** Mannington's Infinity pressure-sensitive adhesive must be applied in a full-spread application using the correct notched trowel as detailed later in this guide.

Important note: Mannington adhesives are specifically formulated to be fully compatible with backings chemistry and to maximize the performance of Mannington products. Using substitutes or failing to use Mannington adhesives as recommended can cut-short product life, cause installation failure, and/or lead to a chemical reaction, such as hydrolysis, which will permanently damage the tile backing and will void all applicable warranty coverage.

SUBFLOOR PREPARATIONS

Careful subfloor preparation is vital for an excellent floor appearance and good adhesion. The subfloor must be smooth, firm, flat, clean, dry, free from defects, and fit for purpose. A suitable smoothing compound should be used to ensure that no irregularities show through to the surface of the finished floor. In all cases, the subfloor must meet the moisture and pH requirements before installation.

For porous subfloors (concrete or wood) that have a high pH and/or need a primer, use **Mannington's Universal Primer**.

Mannington's Universal Primer is an acrylic latex solution made to neutralize excess alkali and is also recommend as a primer to prevent over absorption of adhesive to ensure a better bond. Gypsum topped or patched areas must receive a full application of Mannington's Universal Floor Primer as well as any subfloor that is porous, gritty, chalky, or dusty. Porous subfloors with chemical pH above 9 may require a second application.

Mannington's Universal Primer can be applied by pouring directly on the subfloor and spreading evenly with a broom or paint roller. Primer can also be applied with a garden sprayer, airless rig, or similar spray equipment. Allow the primer to dry completely prior to second application or before applying adhesive. Primer is dry if there is no transfer when touched. Coverage is approximately 350-400 sq. ft. per gallon. **Note: Do not use primer with epoxy or urethane adhesives.**

CONCRETE

Before proceeding with installation on any concrete subfloor, please make sure:

- Levelness and finish meets or exceeds American Concrete Institute standards, ACI 301.
- Moisture and alkalinity levels meet requirements as detailed earlier.
- Curing compounds are mechanically removed. Many concrete curing agents can prevent adhesives or sealers from forming a proper bond, especially those with silicate compounds.
- Chemical agents are avoided for removal of curing compounds or old adhesives.
- Portland cement-based compounds are always used and mixed according to manufacturer's instructions when patching cracks and holes, and when leveling is required.
- Gypsum-based patching compounds are always avoided.

OTHER SUBFLOOR TYPES

Any subfloor surface must be smooth, level, clean, and secure prior to installing Mannington floor covering products.

- **Wood.** Wood floors must be smooth and level. If floor is uneven, an approved underlayment may be required. Plywood sheets must be solid and secure. Plywood seams may need to be sanded smooth. Dust must be thoroughly vacuumed. Fire-retardant plywood is not recommended.
- **Plank floors.** Plank floors should be covered with plywood as detailed above as stable, flat, and suitable for installation.
- **Terrazzo / Marble.** Level all grout lines with a latex based Portland cement patching compound. Glossy surfaces must be sanded for adhesive bond.
- **VCT.** Tiles must be well secured to the floor or removed. Broken, damaged, or loose tiles must be replaced. Wax must be removed from VCT before applying adhesive.

- **Sheet vinyl.** Must be well secured, consist of a single layer, free of contaminants, not foam backed, not perimeter fastened or loose laid, and no asphalt-based adhesive.
- **Existing carpet.** Unsuitable substrate for new installation. Should be removed prior to installation. Any existing adhesive should be addressed as described here.

EXISTING ADHESIVES

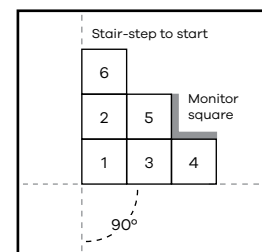
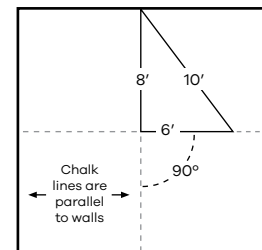
As a rule, for any new installation, existing adhesives from previous installations should always be scraped flat and thoroughly encapsulated with a Latex Portland Based Patch or Mannington Assure. Otherwise, an adverse reaction could occur, voiding applicable warranty coverage and leading to installation or product failure.

- **Multi-purpose/pressure sensitive.** Use one of the following methods to prevent possible reaction between the existing adhesive and the new installation:
 - Scrape adhesive flat and encapsulate with Mannington Assure.
 - Thoroughly remove existing adhesive, sand away remaining residue, and then skim coat with a Portland cement-based patching compound.
- **Cutback.** Existing cutback adhesive must be thoroughly removed and fully encapsulated to prevent possibility of irreversible product damage, installation failure, and voiding Mannington's warranty coverage. Wet with a mixture of water and a small amount of liquid soap. Allow to soak for several minutes before scraping away adhesive. Encapsulate any remaining trace of adhesive residue with Mannington Assure.

INSTALLATION

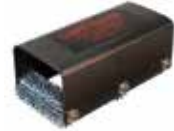
A proper start is essential to keeping a carpet tile installation tight and square throughout the installation. Please pay careful attention to these basics:

- **Establish center point.** Measure area to receive carpet and determine a center starting position by measuring from dominant walls or similar architectural features.
- **Adjust for cuts.** Initial placement of the center point may need to shift slightly to make sure perimeter tile cuts are at least half the tile's width (Example: 12" on a 24" x 24" tile).
- **Set perpendicular lines.** Establish two chalk lines that cross at adjusted central point and intersect at right angles. The base line should be the longest measurement in a rectangular area and parallel to a wall or architectural break point. Having four equal quadrants with perpendicular lines at the right angles will provide an essential guide to anchor the first tiles, to help keep the installation square, and to fit tile backings tightly together.
- **Establish a grid.** Keeping the installation tight and square requires creating a grid by establishing two perpendicular chalk lines, calculated at right angles on the area's center point, and then by anchoring first tiles installed snug against the two chalk lines. The two lines intersect to form a right angle and are "square" when two points, one at 8' vertically and one at 6' horizontally from center point, are exactly 10' apart. Use the 3', 4', and 5' formula as described above to set perpendicular chalk lines in smaller areas.
- **Stair-step tiles within grid.** Start by placing first tile backing snug into corner where chalk lines cross. Tile backing should align with chalk lines on two sides. Form steps by sliding each subsequent tile, backing first, into tight alignment with the previous tile. Avoid overly compressing backings or trapping yarn in seams. Second tile goes on top with one side on the vertical chalk line. The third tile goes against the right side of the first tile. Continue in the same manner, etc. Use a carpenter's square to spot check frequently. Please keep in mind that seams on any new carpet tile installation will be more obvious until the yarn has acclimated, relaxed, and blossomed with routine



traffic and vacuuming. To facilitate seam blending it is recommended to tractor seams with a box tractor. Keep tiles square and tight to avoid gaps.

- **Check tightness.** Tightness or gain should be measured periodically to assure tile backings are snug and the installation is square. Determine the amount of gain or growth in the installation by measuring the total distance between 10 tiles in both directions. Ten 24" x 24" tiles have a net measurement of 240". The seam between each tile will always create some amount of gain or addition space in the installation. Measuring 10 tiles or 11 joints in either direction will provide enough seams to accurately represent the amount of gain. Whether the tile is 24" x 24", 18" x 36", or 12" x 48", the gain or space between tiles should never be more than 1/8" greater than a net measurement of 10 tiles or 11 joints. For instance, 10 tiles at 24" each should not exceed 240" in either direction. If the net measurement exceeds a gain of 1/8", the affected area(s) will need to be picked-up and re-installed tighter to stay on grid.



PLAN AHEAD

To help assure a successful project and prevent unexpected surprises, the following are also important steps to consider prior to installing any Mannington carpet tile:

- **Sequencing.** The most uniform installation will be obtained by planning and sequencing carpet tiles in the order they were manufactured. Sequencing can be easily accomplished. Select pallets by numbers located on each carton of tiles starting with the lowest numbers first and progressing lowest to highest numbers. Each pallet should have tile cartons with a similar range of numbers.
- **Packaging.** Mannington's 24" x 24" and 12" x 48" Infinity carpet tiles are packaged 14-tiles, 6.22 sq. yds. per unit. The 18" x 36" tiles are packaged 12-tiles, 6 sq. yds. per unit.
- **Accessibility.** Carpet tile provides easy accessibility the subfloor and flat-wire or cable trenches. Flat-wire should be centered underneath modules.
- **Raised nosing for stairs.** On stairs, always use a raised nosing. Trim tile to fit nosing on both the step and riser.

ADHESIVES

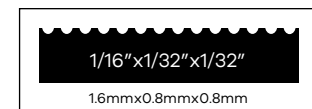
To avoid long-term performance issues and for Mannington warranties to remain in full effect, Infinity Modular, Infinity 2 and Infinity Cushion Carpet Tile must be installed in a full-spread application using adhesive as follows:

Infinity Adhesive:

Use only Infinity pressure sensitive adhesive when concrete subfloor is properly tested to show moisture emission rate and chemical pH are:

- ≤ 90% RH
- ≤ 10 pH
- ≤ 8 lbs. MVER

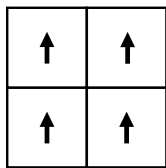
Full spread Infinity pressure sensitive adhesive using a 1/16" x 1/32" x 1/32" U-notch trowel as shown. Notches are 1/16" wide, 1/32" deep, 1/32" apart for a spread rate of 25 yds. per gallon. Allow adhesive to fully dry before installing carpet tile.



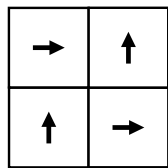
TILE LAYOUT

Mannington carpet tile may have a specific recommended installation method. Refer to brochure inside architect folder or website for installation recommendations. Please note that all patterns and colors may not be aesthetically acceptable with certain installation methods. Mannington evaluates each product and recommends the installation method for the best aesthetics. A mock up area is recommended for review before selection of an alternate method. Mannington cannot be responsible for seam aesthetics if the installation deviates from the recommend layout for a style.

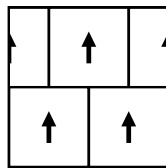
24" x 24" Installation Diagrams (Installation Methods are Style Dependent)



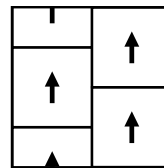
MONOLITHIC



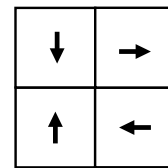
QUARTER-TURN



HORIZONTAL BRICK
ASHLAR

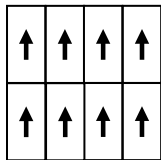


VERTICAL
ASHLAR

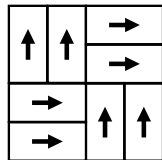


SHUFFLED/
RANDOM

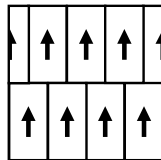
18" x 36" Installation Diagrams (Installation Methods are Style Dependent)



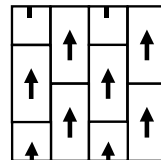
MONOLITHIC



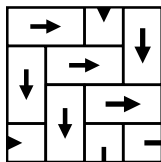
QUARTER-TURN



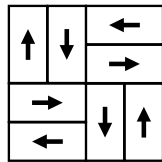
HORIZONTAL BRICK
ASHLAR



VERTICAL
ASHLAR

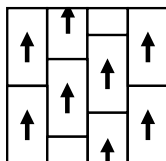


HERRINGBONE

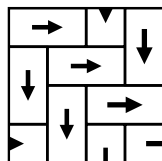


SHUFFLED/
RANDOM

12" x 48" Installation Diagrams (Installation Methods are Style Dependent)



3-STEP VERTICAL
ASHLAR



HERRINGBONE

TRANSITIONS

All carpet products must be properly protected when transitioning to other floor covering or exposed stopping points. The use of a transition molding or protective strip covering the carpet edge at 1/2" is required. If a transition cannot be utilized the carpet nap must be level or slightly below the adjacent floor. The carpet edge must be fully seam sealed to protect from raveling or damage.

PRODUCT INSTALLATION

Ideally, carpet should always be installed last in any construction or renovation project. The completed installation should be protected as finish trades complete the project, during customer move-in, or when heavy rolling carts are used.

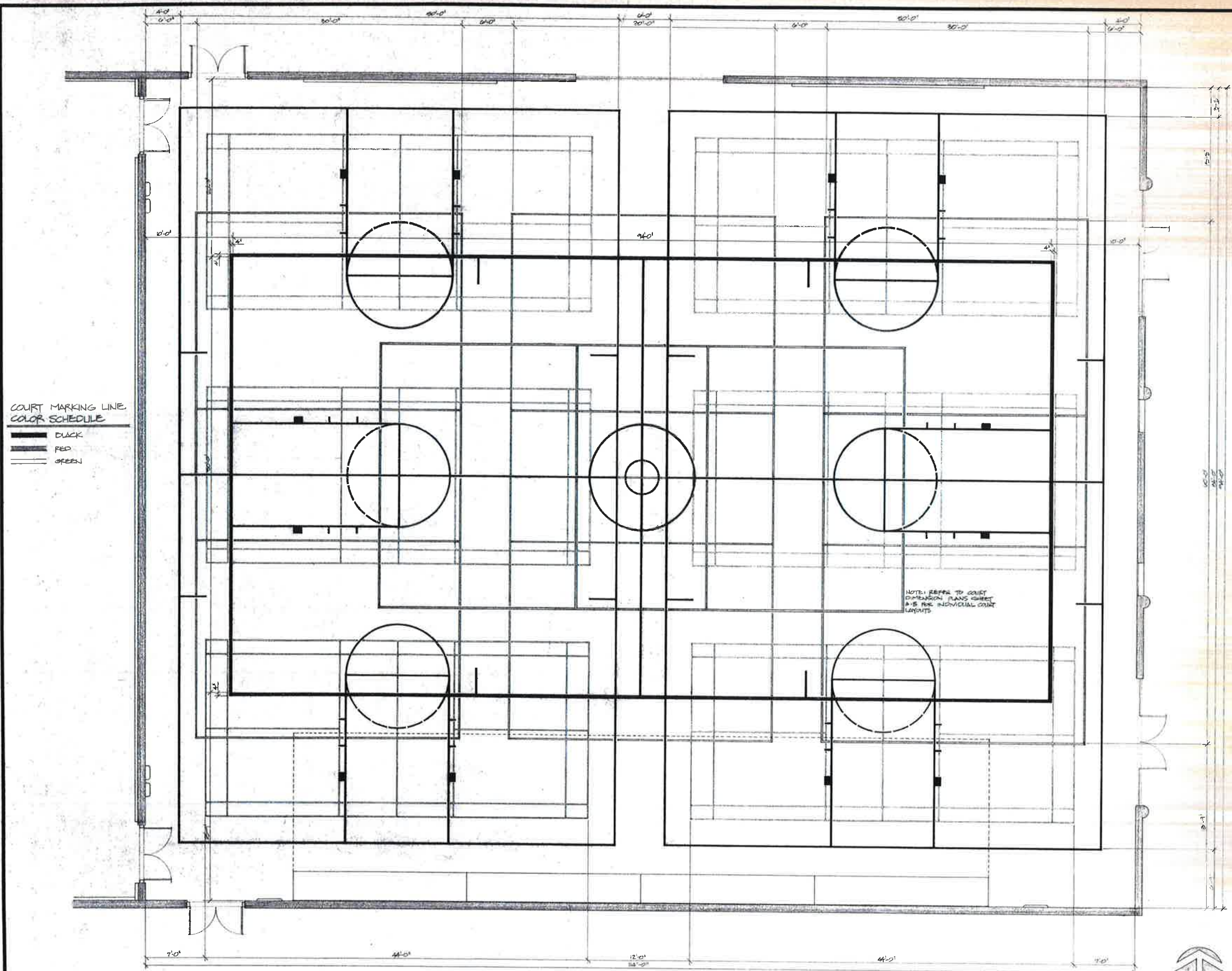
- **Craft paper.** Bonded-craft paper will protect the completed installation from construction dirt and spills while allowing floor covering primers, sealers, or adhesives to cure properly.
- **Avoid plastic sheeting.** Never use plastic sheeting to protect any installation.
- **Avoid sticky coverings.** Protective coverings with pre-applied adhesive or tackifiers can leave a sticky residue on the carpet face, cause rapid soiling, and should not be used.
- **Heavy rolling carts.** Masonite or plywood should be used in traffic lanes to prevent tile from shifting any time furniture is moved.

AFTER INSTALLATION

As the customer begins to enjoy their new installation of Mannington carpet tile, please also note the following:

- Roll entire job with a 75-100 lb. roller.
- Chair pads are recommended for use under chairs with rolling casters and required for full warranty coverage on Infinity RE and Infinity Cushion. Chair pads can prevent premature wear even when carpet casters are used. Use only carpet friendly casters. Casters should be the flat round type with 5/8" to 1" width minimum.
- When loop pile carpet is cut into tile, some loops on tile edges will be cut in half. Vacuuming and routine use will expose those cut yarns that remained compressed and hidden during manufacturing or installation. This blossoming is easily remedied by clipping stray fiber exposed along tile edges.
- Some carpet styles require more attention from the installers during installation. Due to the light row, dark row construction of these products, dark lines may appear at the edges. **This is not a manufacturing defect.** These products will require shifting tiles around to avoid dark lines at the edges.
- On occasion, it may be necessary to replace damaged or heavily soiled modules. Modules can be replaced with new Mannington tiles from on-site inventory or from another area of the installation. A difference of appearance may be noticed when modules are replaced; this difference usually diminishes in a short time.
- Carpet module seams are usually noticeable on a new installation and do not typically have a seamless appearance like broadloom carpet. They are die cut from the face, which can create small gaps at the seams. Pile crush can occur from the bottom to the top of the pallets and may appear to have a color shade variance from tile to tile. Both conditions will improve considerably after a "walk-in" period. This allows the yarn to acclimate and respond to the crush from the stacked cartons on the pallets. Normal foot traffic and regular vacuuming will also improve seam appearance.
- To facilitate seam blending the use of a seam tractor can help blend the yarn. Pile lifting, and/or wet extraction can decrease the time needed for "walk-in" acclimation.

If there are any questions or doubts about performing a successful installation of Mannington's carpet tile or Mannington's adhesives, please stop immediately and call Technical Services at 800-241-2262, Ext. 3.



COURT MARKING LINE
COLOR SCHEDULE

- BLACK
- RED
- GREEN

NOTE: REFER TO COURT
DIMENSION PLANS SHEET
A-15 FOR INDIVIDUAL COURT
LAYOUTS

GYMNASIUM COURT MARKING PLAN

SCALE: 1/8"=1'-0"



John K. Miller, C.A.S.A.

ROLAND/
MILLER/
ASSOCIATES

ARCHITECTS
499 Humboldt Street
Santa Rosa
California 95404
(707) 544-3920

ROHNERT PARK COMMUNITY & RECREATION CENTER
ATHLETIC FACILITY

JOB NUMBER 7915

DRAWN BY R.P.

CHECKED R.P.

DATE 07/20/84

REVISIONS
ISSUED FOR BID
9/17/84

SHEET TITLE
GYMNASIUM
COURT MARKING
PLAN

SHEET NUMBER

A-26