



FACILITIES MANAGEMENT



RECREATION & WELLNESS CENTER WEST GYM 201

100% CONSTRUCTION DOCUMENTS

KASSIDY BANDUCCI

JANUARY 6, 202 2022/23-00

ROJECT#: XPL290

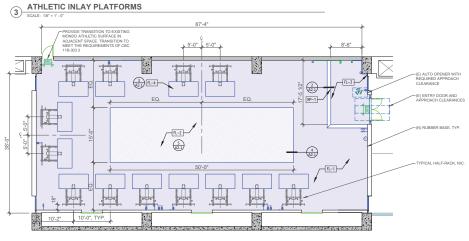
ISSUE DATE: JAN. 6, 202

SHEET TITLE TITLE SHEET

DATA & SCOPE OF WORK

> SHEET A0.1

ATHLETIC TURF LAYOUT



GENERAL NOTES:

INFORM UNIVERSITY REPRESENTATIVE OF

1. AISPECT EXESTING S.AIF FOR DAMAGE. IN-FORM UNIVERSITY REPRESENTATIVE ANY AREA SEC CONCERN.
2. PREPARE SURFACE FOR NEW ATHLETIC FLOORING AS REQUIRED BY MANUFACTURES THROUGHOUT SPACE TO BE INSTALLED AFTER NEW PLOORING IS INSTALLED. CONCOMINE WITH UNIVERSITY REPRESENTATIVE. BIASS OF DESIGN. JOHNSONIE ROLLED RUBBER RISES 6 4 T, OMARCOLL, OR EQUAL 4 AT WORD SALY MALES. AND ALL OTHER WAS INCOMED AND SALY MALES.

FINISH NOTES:

FL-1 ECORE ATHLETIC ES509 PERFORMANCE MONSTER WITH ATHLETIC INLAY PLATFORMS 8'X4' 12 MM MONSTER, OR EQUAL

R-2 ECORE ATHLETIC FLEXTURF MONSTER W/ 12MM SHOCKPAD WITH CUSTOM LOGO, OR EQUAL. COLOR TBD.

R-3 ECORE ATHLETIC EBB & FLOW MOTIVATE WOVEN VINYL, CADET, OR EQUAL

FL-4 ECORE ATHLETIC INLAY PLATFORM 8' X 4', OR EQUAL

RP-1 ECORE ATHLETIC ELOO BASIC BLACK ULTRATILE ADA RAMP, OR EQUAL

- NEW ATHLETIC TURF FL-2 NEW ATHLETIC FLOORING FL-1 CISTING ELEVATED SI AR

FLOOR TRANSITION @ FL-1 & FL-2

4 Scale : 3"=1'-0"

D-FLOOR TRANS

NEW ATHLETIC FLOORING FL-1 NEW WOVEN VINYL FLOORING FL-3 EXISTING ELEVATED SLAB FLOOR TRANSITION @ FL-1 & FL-3 2

Scale : 3"=1'-0"

D-FLOOR TRANS

FACILITIES

MANAGEMENT

1 HARPST STREET ARCATA, CA 95521 707 826-3646



CENTER (BLDG

RECREATION & WELLNESS CENTER WEST GYM 201 RECREATION & WELLNESS

SRC WEST ATHLETIC TRAINING ROOM

100% CONSTRUCTION DOCUMENTS

PROJECT # XPL290 W.O. #:

DRAWN BY ISSUE DATE: JAN. 6, 2023

SHEET TITLE

PROPOSED FLOOR PLAN

SHEET

A2.0

PROPOSED FLOOR PLAN

SECTION 09 65 66 - RESILIENT ATHLETIC FLOORING

PART 1 - GENERAL

- Section Includes
- Rubber sheet athletic flooring
- B. Related Sections
- Section 09 68 19 "Interior Synthetic Turf" for turf area installed with flooring.
- 1.2 ACTION SUBMITTALS
- A. Product Data: Submit product data, including manufacturer's guide specifications product sheet.
 B. Sustainable Design Submittals:
- Product Data: For installation adhesives, indicating VOC content.
- 2. Laboratory Test Reports: For installation adhesives, indicating compliance with requirements for low-emitting materials
- One or more of the following:
- a Environmental Product Declaration: For each product
- b. Third-Party Certifications: For each product.
- c. Third-Party Certified Life Cycle Assessment: For each product.
 Shop Drawings: Submit Shop Drawings showing layout, profiles and product components, including anchorage, accessories, finish colors, path textures and inlays. Show installation delists and locations of the following:
- Floor patterns
- Locations of floor inserts for athletic equipment installed through flooring
- Seam locations for sheet flooring.
 Samples for Verification. For each type, color, and pattern of flooring indicated, 6-inch-square minimum Samples of same thickness and material indicated for the Verox.
- Seam Samples, for heat-welded seams:each vinyl sheet flooring color and pattern required; with seam running lengthwise and in center of 6-by-9-inch minimum Sample applied to a rigid backing and prepared by Installer for this Project.
- 1.3 INFORMATIONAL SUBMITTALS
 A. Qualification Data: For qualified sheet vinyl flooring Installer
- 1.4 CLOSEOLIT SURMITTALS
- nance Data: Submit copies of instructions for care, cleaning, maintenance and repair of resilient athletic flooring.
- 1.5 MAINTENANCE MATERIAL SUBMITTALS

- Furnish extra materials, before installation begins, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents. Sheet Flooring: Furnish full-width rolls of not less than 10 linear feet for a total of 3%, of each type, color, and pattern of flooring installed.
- DELIVERY, STORAGE, AND HANDLING
- Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating brand name and directions for storing.
- B Store materials to prevent deterioration. Store rolls upright
- 17 FIFLD CONDITIONS
- A. Adhesively Applied Products
 - Maintain temperatures during installation within range recommended in writing by manufacturer, but not less than 65 deg F or more than 80 deg F, in spaces to receive flooring 48 hours before installation, during installation, and 48 hours after installation unless longer period is recommended in writing by manufacturer
 - 2. After post installation period, maintain temperatures within range recommended in writing by manufacturer, but not less than 55 deg F or more than 95 dea F
- Close spaces to traffic during flooring installation.
 Close spaces to traffic for 48 hours after flooring installation unless manufacturer recommends longer period in writing.
- B. Install flooring after other finishing operations, including painting, have been completed. To be coordinated with University Representative and University Facilities Maintenance.
- 1.8 COORDINATION Coordinate layout and installation of flooring with floor inserts for fitness equipment & other flooring materials WARRANTY
- B. Special Manufacturer's Warranty: Written warranty, signed by turf manufacturer agreeing to replace turf that does not comply with requirements or that fails within specified warranty period. Warranty does not include deterioration or failure of turf due to unusual traffic. failure of substrate, vandalism, or fails within specified warranty period. Warranty does not include deterioration or fail abuse. Warrantees shall be full term, not pro-rated for the specified warranty period.
- Warranty Period: 15 years from date of Substantial Conjection.
 Warranty Period: 15 years from date of Substantial Conjection.
 Installation Warranty, Submit copies of written warranty signed by the full restallation warranty signed warranty submit copies of written warranty signed by the full restate, or experience seam failure, ripples, scaliops, pilling or puckering, years, that full will not lear; cruck separate, deteriorate or pull loose from substante, or experience seam failure, ripples, scaliops, pilling or puckering.
- PART 2 PRODUCTS 2.1 RUBBER SHEET FLOORING
- Basis-of-Design Product: Subject to compliance with requirements, provide ECORE Athletic, Performance Monster series, as indicated on Drawings, or equal.
- B. Description: Rubber athletic flooring provided as rolled goods for adhered installation
- C. Roll Size: Not less than 48 inches wide by longest length that is practical to minimize splicing during installation.
- Color and Pattern: As indicated on Drawings by manufacturer's designations.
- 2.2 RUBBER BACK SHEET WOVEN VINYL FLOORING
- A. Basis-of-Design Product: Subject to compliance with requirements, provide ECORE Athletic, Ebb & Flow Motivate, as indicated on Drawings, or equal. B. Description: Composition Rubber Back Sheet Woven Vinyl athletic flooring provided as rolled goods for adhered installation.
- 2.3 ACCESSORIES
- Trowelable Leveling and Patching Compound:Latex-modified, hydraulic-cement-based formulation approved by flooring manufacturer Adhesives:Water-resistant type recommended in writing by manufacturer for substrate and conditions indicated.
- Spass of Design Product: Subject to compliance with requirements, provide ECORE Athletic, EL00 Basic Black Ultra Tile ADA Ramp, as indicated on PART2 PRODUCTS Drawlings, or equal
- PART 3 EXECUTION
- EXAMINATION
 Examine substrate with Installer present, for compliance with requirements for installation tolerances, moisture content, and other conditions affecting
- performance of the Work. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.
- 3.2 PREPARATION

- Remove substrate coatings and other substances that are incorrepatible with adherives and that contain soon, wax, oil, or silicone, using mechanical methods recommended in wind by instandication. For notice solvents.

 C. Examine the substrates, adjoining construction and the conditions under which the Work is to be installed. Verify recommended limits for moisture content and alkalinity of corrects substrates with manufacture.
- Use trowelable leveling and patching compound to fill cracks, holes, and depressions in substrates.
- E. Move flooring and installation materials into spaces where they will be installed at least 48 hours in advance of installation unless manufacturer recommends a longer period in writing. Do not install flooring until they are same temperature as space where they are to be
- installed. F. Sweep and vacuum clean substrates to be covered by flooring immediately before installation. After cleaning, examine substrates for moisture, alkaline
- salts, carbonation, and dust.

 Proceed with installation only after unsatisfactory conditions have been corrected.
- 3.3 FLOORING INSTALLATION GENERAL
- A. Comply with manufacturer's written installation instructions.

 B. Scribe, cut, and fit flooring to butt neatly and tightly to vertical surfaces, equipment anchors, floor outlets, and other interruptions of floor surface
- C. Extend flooring into toe spaces, door reveals, closets, and similar openings unless otherwise
- D. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating subfloor markings on flooring. Use nonpermanent, nonstaining marking device 3.4 SHEET FLOORING INSTALLATION

- A. Unroll sheet flooring and allow it to stabilize before cutting and fitting.
- B. Lay out sheet flooring as follows:
 Maintain uniformity of flooring direction
 - Minimize number of seams: place seams in inconspicuous and low-traffic areas, at least 6 inches away from parallel joints in flooring substrates
 - Match edges of flooring for color shading at seams.
- Locate seams per approved Shop Drawings. C. Adhered Flooring: Adhere products to substrates using a full spread of adhesive applied to substrate to comply with adhesive and flooring manufacturers' written instructions, including those for trowel notching, adhesive mixing, and adhesive open and working times.
- Provide completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.
- CLEANING AND PROTECTING
- A. Perform the following operations immediately after completing flooring installation:
- Remove adhesive and other blemishes from flooring surfaces.
- Neep and vacuum flooring thoroughly.

 Damp-mop flooring to remove marks and soil after time period recommended in writing by manufacture.
- B. Protect flooring from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period. Use protection methods recommended in writing by manufacturer.
- Do not move heavy and sharp objects directly over flooring. Protect flooring with plywood or hardboard panels to prevent damage from storing or moving objects over flooring.

SECTION 09 68 19 - INTERIOR SYNTHETIC TURF

- SUMMARY A. Section includes interior synthetic turf.
- PRE-INSTALLATION MEETINGS
- A. Pre-Installation Conference: Conduct conference at Project site.
- Review methods and procedures related to turf installation including, but not limited to, the following
 - Review delivery, storage, and handling procedures.
 - h Review ambient conditions and ventilation procedures
- c. Review subfloor preparation procedures.
- 1.3 ACTION SUBMITTALS
- A. Product Data: Submit product data, specifications, installation instructions for materials specified herein and other data as may be required to show compliance with the Contract Documents. Include installation recommendations for specific type of substrate.
- Shop Drawings: Submit shop drawings showing the following:
- Seam locations and direction, types, and methods
- Type of installation Include on shop drawings dimensions which verify field conditions
- Transition, and other accessory strips.

 Transition details to other flooring materials
- INFORMATIONAL SUBMITTALS Warranties: Submit special warranties specified in this Section
- A. Maintenance Data: Submit copies of instructions for care, cleaning, maintenance and repair of interior synthetic turf. 1.6 OLIALITY ASSURANCE
- LOULITY ASSURANCE
 A Installer Qualifications: Engage a furf installer, who has completed a minimum of three projects over the last 10 years which were similar in material, design and extent to that indicated for the Project as determined by the Architect and which have resulted in construction with a record of success in except performance.
 DELIVERY, STORAGE, AND HANDLING
- A. Protect synthetic turf rolls and accessories from damage during delivery and store in a dry area or elevate above ground, under an impermeable tarp when time from delivery to installation exceeds one week.
- Deliver other materials in manufacturer's unopened containers identified with name, brand, type, grade, class, and other qualifying information. Store materials in a dry location, at temperature and humidity conditions recommended by
- manufacturer, in such a manner as to prevent damage FIELD CONDITIONS
- A Environmental Limitations: Do not deliver or install turf until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- Do not install turf over concrete slabs until slabs have cured, are sufficiently dry to bond with adhesive, and concrete slabs have pH range recommended by turf manufacturer.
- C. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during, and after installation as recommended by manufacturer.
- D. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays. 1.9 WARRANTY
 - waverount; Special Manufacturer's Warranty. Written warranty, signed by furf manufacturer agreeing to replace furf that does not comply with requirements or that fals within specified warranty period. Warranty does not include deterioration or failure of furf due to unusual traffic, failure of substrate, vandalsm, or abuse. Warrantees also libe full rem, not privated for the specified warranty period.

 1. Warranty Period: 15 years from date of Substantial Completion.
- Installation Warranty: Submit copies of written warranty signed by the turf installer and Contractor, warranting the turf installation, for a period of two years, that turf will not bear, crack, separate, deteriorate or pull loose from substrate, or experience seam failure, ripples, scallops, pilling or puckering.
- INTERIOR SYNTHETIC TURF A. Basis of Design Product: Subject to compliance with requirements, provide Flexturf Monster, manufactured by Ecore Athletic as indicated on Drawings, or
- Product Characteristics: Interior synthetic turf (roll goods), with 12mm Shocknad
- Flooring products shall comply with the requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volattle Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
- INSTALLATION ACCESSORIES Trowelable Leveling and Patching Compounds: Portland cement based formulation provided by or recommended by the manufacturer. Do not use
- Adhesives: Water-resistant, mildew resistant, and nonstaining, high solids, low VOC emitting formulations that are specifically rec manufacturer, as verified through compatibility and adhesion testing for the intended substrate and application, and that comply with flammabilit requirements for installed turf:
- Adhesives shall have a VOC content of 50 g/L or less. Adhesive shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
- C. Seaming Tape: Hot melt adhesive tape, 6 inches wide, recommended by the turf manufacturer as suitable for backing specified.PART 3 EXECUTION EXAMINATION
- A. Examine substrates and conditions, with Installer present, for compliance with requirements for substrate conditions, and other conditions affecting performance of the Work.
- Proceed with installation only after unsatisfactory conditions have been corrected. Commencement of work constitutes installer's acceptance of substrate
- PREPARATION
- General: Comply with turf manufacturer's written installation instructions for preparing substrates. Coordinate the installation of turf so as not to delay the occupancy of the site or interfere with the completion of construction.
- C. Examine the substrates, adjoining construction and the conditions under which the Work is to be installed. Verify recommended limits for moisture content and alkalinity of concrete substrates with manufacturer.
- D. Concrete Subfloors: Verify that concrete stabs comply with the following:
 Provide one of the following:
- 1.1. Remove coatings, including curing compounds, existing floor covering adhesive residues, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by the turf
- 1.2. In lieu of mechanical substrate preparation methods the Contractor may utilize floor sealer materials and methods of the types and methods as ecommended, in writing, by the turf manufacturer. Apply sealer in number of coats, and at the spread rate, as required by the turf

- 2. Slab substrates are dry and free of curing compounds, seaters, hardeners, and other materials that may interfere with adhesive bond. Determine
- 2. Sale substates are ory air the et outing compounds, setters, nativeness, and owner materials and my interfer et materials and other scharacteristics by performing bond and moisture tests recommended by the suff manufacturer.
 3. Use leveling and patching compounds recommended by flooring manufacturer for filling cracks, holes and depressions in the substrate. Surface shall be smooth, level and at proper elevation. Remove ridges, resughers and protosions from concrete surfaces by grinding.
 Broom and vacuum clean substrates to be covered immediately before installing turf.
- Installation shall not commence until painting and finishing work are complete and ceiling and overhead work is tested, approved, and completed.
- Proceed with installation only after unsatisfactory conditions have been corrected
- 3.3 INSTALLATION
- General: Comply with manufacturer's written installation guidelines and as follows:
 Lay turf so that grain runs in one direction and against the slope. Replace and discard turf that has obvious defects. Make turf seams in accordance with the turf manufacturer's instructions. Seams shall be invisible after completion of installation. Seaming must be done in a manner to ensure no trip hazards.
 - Where seaming is required (multiple roll widths), trim the selvedge (un-tufted edge) off of one roll and lay it on the base, in the desired position
 - b. Lay the next roll adjacent to the first and overlap one edge of the adjacent roll of turf on top of the trimmed edge of the first roll.
 - With scissors or razor knife, trim the overlapped roll to match the trimmed edge of the first roll.
 - Make all cuts as close as possible without touching.
 - Repeat as needed for as many roll widths as the job requires
 - Around the borders, trim the turf to match the edges. Fold the adjacent trimmed edges of two rolls of turf approximately two feet apart the entire length of the seam
 - Mark the centerline of the seam on the exposed base with a chalk line or spray paint
 - Roll out seam tape centered over the entire length of the seam line. Apply adhesive covering all of the seam tape from one end to the other. Depending on the type of adhesive used, you may need to allow time for vapors/gases to escape (flashing). Refer to the adhesive
 - manufacturer¢s directions. The flashing time required may be dependent on ambient temperature and humidity. j. After adhesive has flashed, lay the edges of each roll of turf directly onto the adhesive/tape, making sure not to bury any grass fibers into the
- k. Be sure to add weight (i.e. sandbags) down the length of the freshly laid seam, or use a heavy roller along the seam length. The adhesive drying curing time will vary with different adhesives dependent upon climatic conditions.
- I. Follow the adhesive manufacturer's instructions.
- Secure edges of turf after the main body of the turf area has been stabilized, the perimeter edges should be secured in a manner to avoid trip hazard, added from the secured in a manner to avoid trip hazard, and the secured in a manner to avoid trip hazard.
- A. Cleaning: As the turf is installed, remove and dispose of all trimmings, excess pieces of turf and laying materials from each area as it is completed. Remove adhesives, stains, and soil soots in accordance with the turf manufacturer's recommendations.
- Protection: Protect turf against damage of every kind as damaged turf shall be rejected. Use non-staining cover material for protection. Tape joints of
- tective covering.

 Plastic and polyethylene sheet protective coverings shall not be permitted unless specifically accepted in writing by the turf manufacturer directed by the Architect, remove covering, vacuum clean turf and remove soiling and stains (if any) to the satisfaction of the Architect
- 2. Remove and replace rejected turf with new turf. At the completion of the work and when

END OF SECTION 09 68 19

GENERAL NOTES:

CONTRACTOR TO PROVIDE 10% OVERSTOCK FOR ALL FLOORING MATERIALS TO UNIVERSITY AT PROJECT CLOSE OUT.



FACILITIES MANAGEMENT 1 HARPST STREET



GYM 201 CENTER WEST WELLNESS CREATION

CENTER (BLDG

RECREATION

ROOM

TRAINING

ATHLETIC

WEST,

SRC

100% CONSTRUCTION DOCUMENTS

KABBITY BANDUCCI JANUARY 6, 20

PROJECT #: XPL290

W.O. #:

DRAWN BY

ISSUE DATE: JAN. 6, 202 SHEET TITLE

FLOORING SPECIFICATIONS

SHEET

A2.1