ADDENDUM NO. 5

TO

NEW CASTLE COUNTY VOCATIONAL TECHNICAL SCHOOL DISTRICT
HOWARD HIGH SCHOOL OF TECHNOLOGY
BID PACKAGE 'D'
WILMINGTON, DELAWARE

This addendum is hereby made part of the Project Manual and Drawings dated February 6, 2017.

The Project Manual and Drawings shall be supplemented or amended as specified herein.

This Addendum contains changes to the requirement of the Project Manual. Such changes shall be incorporated into the Contract Documents and shall apply to work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of a paragraph of the Project Manual, the remainder of the paragraph affected shall remain in force. Added information is shown as **Bold,** deleted information is shown as ~~strikethrough~~**.**

This Addendum contains changes to the requirement of the Drawings. Such changes shall be incorporated into the Contract Documents and shall apply to work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of any drawing, the remainder of the drawing affected shall remain in force. Added, deleted or revised information is shown as "clouded".

The conditions and terms of the basic Contract Documents shall govern work unless otherwise described in this Addendum. Whenever the conditions of work, and the quality or quantity of materials, or workmanship are not fully described in this Addendum, the conditions of work included in the basic Contract Documents for similar items of work shall apply to the work described in this Addendum.

If no similar items of work are included in the basic Contract Document, the best quality of material and workmanship shall apply and all work shall be subject to the written acceptance of the Architect.

GENERAL CLARIFICATIONS

1. **The bid due date has been extended to Tuesday, April 11, 2017. Bids will be received at the NCC Vocational Technical School District 1417 Newport Road, Wilmington, Delaware 19804 until 2:00 PM local time.**
2. Contract HHS-30 Demolition:
   - Demolition of Boilers & associated pumps, motors, piping, etc. are to be included in this contract.
   - Mechanical, Electrical, and Plumbing demolition of equipment, systems, piping, conduit, etc. throughout Main Building shall be included in this contract (include Ext MEP drawings)
   - Removal of windows, security grates, slate sills shall be included in this contract.
   - Removal & refurbishing of Auditorium seats will be handled under a separate contract at a later date.
   - Removal/salvage of stage lighting, rigging, framing @ 'Flyloft' above Stage, etc. shall be included in this contract.
   - Allowances. Contract HHS - 30 Demolition calls for two $75,000 allowances; these are to be included in your base bid.

- This contractor to coordinate and review Bid Package B documents (available on our ftp site) and review existing materials to be demolished in the existing building.

- Wood strip flooring substitution request; Action Channel Flex Ultra NR, approved per comments below. (brochure attached):
  - If finger-jointed material is used, then refinishing the floor by sanding will be limited.
  - Both the basis of design and the substitution require the sub floor to be recessed 2 ¼ inches. This may include coordination with the Owner's abatement contractor.

I. RESPONSES TO BIDDERS' QUESTIONS

Q1. Advise if the Sensor3 dimmer rack is to be standard or have Advanced Features to correspond to its modules.

A1. Provide Sensor AF rack or Stand equal.

Q2. There is a DRd6 detailed in 2.03.B.1 that is not present on the drawings. Advise if this dimmer rack is to be included in this project and if so, where is it sourcing its power.

A2. A separate house lighting dimmer rack is not required. House lighting relays numbers 20 through 24 come from the main dimmer rack.

Q3. Reference drawing plate TL-102. Advise if relay circuits R16 thru R18+R19+R20 are duplicated.

A3. For the "normal" LED house light loads, there should only be four (4) relay circuits, numbers 21 through 24. Relay circuits 16-20 are not to be duplicated.

Q4. Summitville quarry tile does not come in 8x8 unless it is specially made for the project at a higher cost. Does the architect want custom made 8x8 or is the stock 6x6 Morrocan Brown quarry tile acceptable?

A4. Yes

II. REVISIONS TO PROJECT MANUAL/SPECIFICATIONS

III.

N/A

IV. REVISIONS TO DRAWINGS

N/A

END OF ADDENDUM NO. 5

Action
FLOOR SYSTEMS

March 14, 2017

ABHA Architects LLC
1621 N Lincoln Street
Wilmington, DE

RE: Howard HS of Technology – **Approval Request – Section 096429**
Wilmington, DE **Wood Strip Flooring**

Dear Sir:

Attached please find Action Floor Systems Channel Flex Ultra NR submitted as an equal to Connor Rezill Channel system specified under Section 096429 Wood Strip Flooring.

Action Channel Flex Ultra NR uses the same factory assembled subfloor panels with 25/32" x 2 1/4" 2nd btr grade MFMA grade maple with Woodlife preservative treatment as specified and FSC certified.

Specifications, cut sheet, system data sheet, side by side comparison sheet, DIN Test report and FSC certification attached.

Specification does not clearly define if sub-floor panels and maple strip flooring are to be FSC certified.

Thank you for your consideration in this substitution request.

Sincerely,

David L. Fields
Regional Representative
Action Floor Systems

Corporate Headquarters:
Action Floor Systems, LLC 4781 N. US Hwy 51, Mercer, WI 54547
toll free: 800 746-3512 | *voice:* 715 476-3512 | *fax:* 715 476-3585 | *web:* actionfloors.com

David L. Fields
Action Floor Systems, LLC 5944 Coral Ridge Drive, #279 Parkland, FL 33076
voice: 843 761-7665 | *cell:* 843 312-5828 | *email:* davef@actionfloors.com

Action
FLOOR SYSTEMS LLC

Action Channel Flex Ultra Floor System

System Comparison;
Action Channel Flex Ultra Floor System and Connor Rezill Channel Floor System

	Channel Flex Ultra	Rezill Channel
EN 14904 (2006) Certified	Yes	No
DIN 18032 Part-2 Certified	Yes	Yes
Exceeds DIN 18032 Part 2	Yes	Yes
Independent Laboratory Tested	Yes	Yes
Slab Depression	2-1/8"	2-1/8"
Anchored Subfloor System	Yes	Yes
Monolithic Subfloor	Yes	Yes
Galvanized Steel Retention System	Yes	Yes
Continuous Steel Both Panel Edges	Yes	Yes
Unobstructed Vertical Deflection	Yes	Yes
Factory Fabricated Subfloor	Yes	Yes
Subfloor Panel 23-7/8" x 96"	Yes	No
Subfloor Panel 15-7/8" x 96"	No	Yes
Subfloor 2 layers Plywood	Yes	Yes
Premium Performance Pad System	Yes	No
Granular Reconstituted Pad	No	Yes
MFMA Member Mill	Yes	Yes
25/32" Thick Maple Flooring	Yes	Yes
Random Length Maple Flooring	Yes	Yes
Finger Jointed Maple Flooring	Yes	No

The above comparison data is based on each system's standard construction with 25/32" thick maple flooring.

The Action Channel-Flex Ultra is a performance floor system designed to provide a playing surface that is resilient and uniform, maximizing the athletes' performance. Channel-Flex Ultra has been tested and certified to the most current standards EN 14904 (2006) DIN 18032 Part 2 (2001 & 1991) and pending ASTM test for Shock absorption and ball bounce.

Contact Action Floor Systems, LLC for information on our performance floor systems.

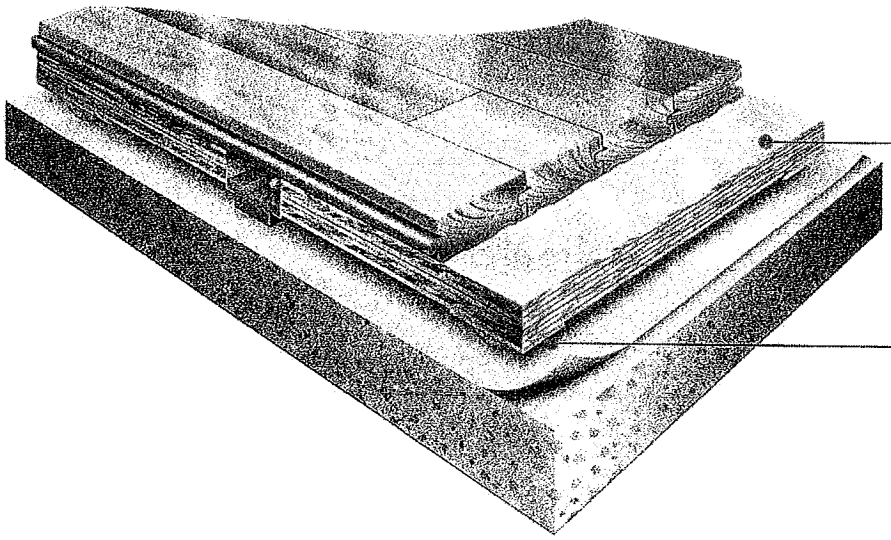
Action Floor Systems, LLC * 4781 N. US Hwy 51 * Mercer, WI 54547
Phone: 800-746-3512 * Fax: 715-476-3585 * Web: www.actionfloors.com

SYSTEM DATA SHEET

Action® FLOOR SYSTEMS LLC

ChannelFlex Ultra NR

SYSTEM TYPE: RETAINED RESILIENT



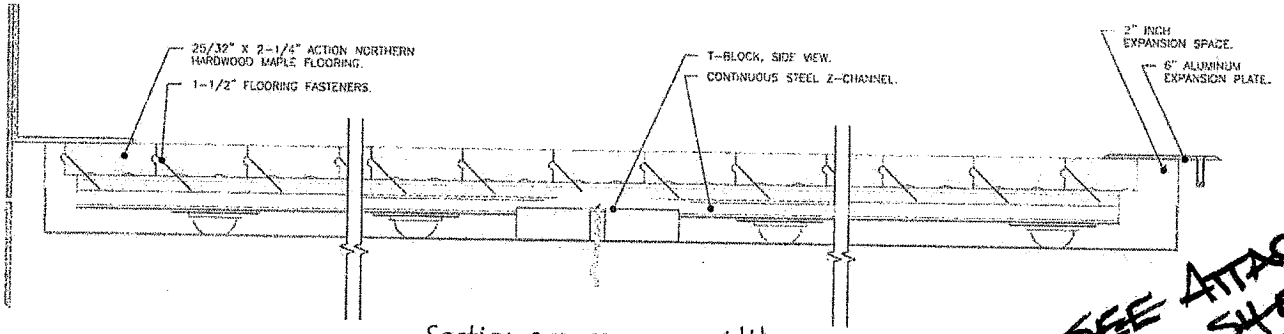
Factory Fabricated Subfloor System featuring steel stabilizing Z-channels retained by polymer retention blocks for exceptional performance and stability

Action 5/8" (16 mm) ProAction Natural Rubber performance ribbon pads

MFMA NORTHERN HARD MAPLE BY ACTION:	Random Length (RL) Action Long Length (FJ)
TESTING AGENCY:	Certified by ISSS
PERFORMANCE MEETS OR EXCEEDS:	EN 14904 Type 4 DIN 18032 Part 2 ASTM F2772 MFMA PUR FIBA Level I
SLAB DEPRESSION:	25/32" (20 mm): 2-1/4" (54 mm) 33/32" (26 mm): 2-1/2" (60 mm)
LEED:	FSC Maple & Subfloor available, MR credits — based on products, selected materials and facility locations
PERFORMANCE & SYSTEM STABILITY:	• Fixed resilient design for stability • Excellent athletic playability • Excellent shock absorption • Factory fabricated subfloor for superior consistency • SCORES Compliant

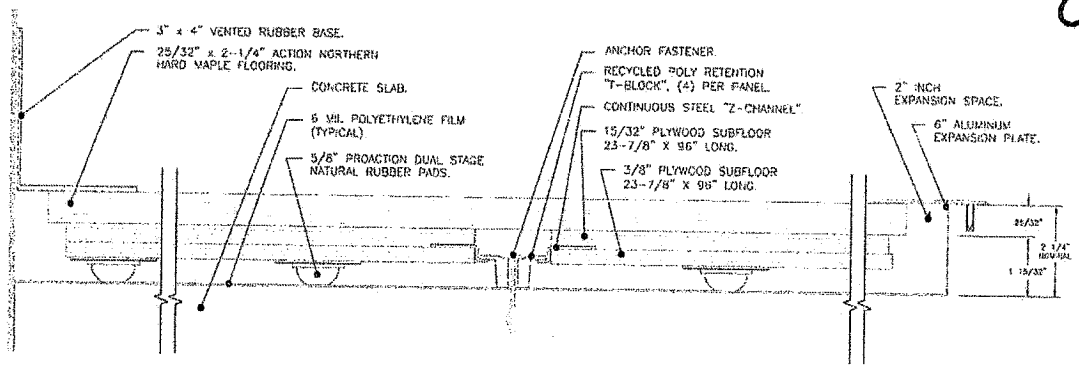
- Factory fabricated subfloors provide a superior level of uniformity.
- Engineered to deliver outstanding playability and performance while minimizing unwanted vibration/energy transfer to the athlete.
- The manufacturer and flooring shall be independently verified by the guidelines of the ISO 14040-2006 and ISO 14044: 2006 Life Cycle Assessment (LSA) confirming a negative carbon footprint.
- Carbon Evaluation must be inclusive and based on all corporate facilities, offices and mills.
- The manufacturer and flooring shall be independently verified by the guidelines of the ISO 14064-1:2006 World Resource Institutes Greenhouse Gas Protocol, Scope 1, 2 and 3.
- The manufacturer and flooring shall be registered in the Collaborative for High Performance Schools (CHPS) Product Database.

Complete product specifications and system drawings (CAD and BIM) are available online at:
www.actionfloors.com



Section across room width

SEE ATTACHED CUT SHEET FOR DETAIL



ChannelFlex Ultra NR

Action® FLOOR SYSTEMS LLC

ACTION FLOOR SYSTEMS LLC
4781 N. U.S. Hwy. 51 • Mercer, WI 54547-9708 U.S.A.
PHONE: 800.746.3512 or 715.476.3512 • FAX: 715.476.3585
E-MAIL: info@actionfloors.com
www.actionfloors.com

Action®
FLOOR SYSTEMS

Action ChannelFlex Ultra NR™

Anchored Resilient Floor System

SPORTS FLOOR SPECIFICATIONS

Action Floor Systems, LLC 4781 N. US Hwy 51 Mercer, WI 54547
toll free: 800-746-3512 | *voice:* 715-476-3512 | *fax:* 715-476-3585 | *email:* info@actionfloors.com | *web:* actionfloors.com

Contact ACTION FLOOR SYSTEMS at www.actionfloors.com or (800)746-3512 for specific project conditions or modifications of this specification.

PART 1 – GENERAL

1.01 DESCRIPTION

A. Related Sections: Cast-in-Place Concrete
   1. The general contractor shall provide a level slab, steel troweled to a tolerance of 1/8" (3mm) in a 10'0" (3m) radius and subject to the approval of the wood floor contractor. High spots shall be ground down and low spots shall be filled with an approved leveling compound by the general contractor to the tolerance specified above.
   2. MFMA does not acknowledge the use of FF/FL numbers to measure levelness/flatness tolerances in gymnasium concrete slabs.
   3. Concrete shall not use river gravel or pea gravel and have an average of 3500 psi. compressive strength after 28 days. Concrete must be cured for 60 days before installation can begin.
   4. The concrete slab shall be depressed: 2-1/4" (57mm) for 25/32" (20mm) flooring.

B. Related Sections: Membrane Waterproofing
   1. Concrete slabs on or below grade shall be adequately waterproofed beneath the slab and at the perimeter walls and on earth side of below grade walls by general contractor using suitable type membrane.

C. Related Sections: Thresholds

D. Related Sections: Game Standard Inserts

1.02 REFERENCES

A. MFMA – Maple Flooring Manufactures Association
B. MFMA PUR – MFMA Performance Uniformity Rating
C. DIN 18032-2 - Performance Standard
D. ASTM F2772 - Athletic Performance of Indoor Sport Systems
E. EN 14904 – European Committee of Standardization for Indoor Sports Surfaces
F. FIBA – International Basketball Federation
G. FSC – Forest Stewardship Council
H. FloorScore – Certified product by CDPH 01350

1.03 QUALITY ASSURANCE

A. Manufacturer Qualifications
   1. Basis of design shall be **ChannelFlex Ultra NR** as provided by Action Floor Systems, LLC. All system component parts must be supplied by Action Floor Systems, LLC.
   2. Manufacturer shall be a MFMA Mill Member in good standing, an established firm experienced in the field, and have been in business a minimum of ten (10) years; Action Floor Systems, LLC or an approved equal.
   3. Floor system manufacturer shall be solvent with no bankruptcy proceedings the previous seven (7) years.
   4. Carbon Evaluation must be inclusive and based on all corporate facilities; offices and mills.
   5. Floor system manufacturer and flooring shall be independently verified by the guidelines of the ISO 14064-1:2006 World Resource Institutes Greenhouse Gas Protocol, Scope 1, 2 and 3.
   6. Floor system manufacturer and flooring shall be independently verified by the guidelines of the ISO 14040:2006 and ISO 14044:2006 Life Cycle Assessment (LCA), confirming a negative carbon footprint.
   7. Floor system manufacturer and flooring shall be registered in the Collaborative for High Performance Schools (CHPS) Product Database.

8. Flooring system shall be independently verified to meet or exceed the SCORES criteria for environmental design and athletic performance: Sustainable Construction of Renewable Engineered Surfaces.
9. Floor system manufacturer must provide a Life Cycle Assessment and an Environmental Product Declaration (EPD) in accordance with the Product Category Rule Version 2.2014.
10. Floor system manufacturer must be FloorScore Certified in accordance with CDPH 01350.

B. Floor Contractor/Installer requirements
   1. The flooring contractor must be approved by Action Floor Systems, LLC.

C. Floor System Performance Requirements.
   1. Flooring system shall be independently tested to meet or exceed the athletic performance requirements of:
      a. MFMA PUR (2011)
      b. EN 14904 (2006)
      c. DIN 18032 Part 2
      d. ASTM F2772
      e. FIBA (2012)
   2. Independent performance testing laboratory shall have Scientific Body Membership in the International Association of Sports Surface Sciences (ISSS).

1.04 SUBMITTALS

A. Manufacturers product data: Submit **ChannelFlex Ultra NR** specification sheets.
B. Samples: Submit one sample of the **ChannelFlex Ultra NR,** if requested by architect.
C. Maintenance literature: Submit one (1) copy of manufactures maintenance instructions.

1.05 WORKING CONDITIONS

A. Flooring materials must be allowed to acclimate to building conditions on the job site in a dry, well-ventilated area, not in contact with masonry, and shall be installed at a moisture content not to exceed 8% except in areas of constant high humidity where the moisture content of the flooring shall not exceed 10%.
B. The wood flooring shall not be installed until all masonry, plastering, tile, marble and terrazzo work is completed, and overhead mechanical trades and painters have finished in wood floor area. The building must be reasonably dry; all openings must be closed in; permanent heating and air conditioning installed and operating.
C. The concrete slab shall be dry, free of foreign materials, and turned over to the wood flooring contractor broom clean. Moderate room temperature of 65 degrees (18 C) or more shall be maintained a week preceding and throughout the duration of the work. Humidity conditions within the building shall approximate humidity conditions which will prevail when the building is occupied. Care should be taken to maintain humidity within the range of 35% to 50%.

1.06 WARRANTY

A. Action Floor Systems, LLC. warrants the material it ships to be free from defects in materials and workmanship for a period of one year and the flooring installer warrants the installation of the flooring to be free of defects in materials and workmanship for a period of one year. The exclusive remedy under this warranty shall be replacement of defective material supplied by Action Floor Systems, LLC. or correction of defective installation by the flooring installer. All implied warranties of merchantability or fitness for intended use are limited to the period of this warranty. This warranty excludes consequential damages.
B. This warranty does not cover damage caused by fire, winds, floods, chemicals, or other abuse, or by failure of other contractors to adhere to specifications, or neglect of reasonable precaution to provide adequate ventilation during hot and humid weather. This warranty also excludes damage due to excessive dryness or excessive moisture from humidity, spillage, migration through the slab or wall or any other source. This warranty also excludes damage to floors due to ordinary wear and tear, faulty construction of the building, (other than the flooring installation), separation of the concrete slab underlying the floor, settlement of the walls, or use of water on the floor.

C. During the warranty period, the floor cannot be coated without the permission of the floor contractor.

PART 2 – PRODUCTS
2.01 MATERIALS
A. Flooring 25/32" x 2¼" 2nd Bre Geside WoodLife-Treated
1. Flooring shall be Northern Hard Maple standard strip flooring, 25/32" x 2-1/4" (20mm x 57mm) ~~or 1-1/2" (38mm)~~, TGEM, MFMA grade marked & stamped as manufactured by Action Floor Systems, LLC.
2. Grades available are MFMA ~~1st,~~ 2nd&Btr. ~~3rd&Btr. and 3rd grade~~.
~~3. Long Length Strip Flooring by Action Floor Systems, LLC (optional).~~
4. FSC Certified lumber (optional). Not Defined if FSC
5. Expansion Ridge Technology (ERT) 1/64" milled expansion spacer (optional).
~~6. Factory Sand and Seal Long Length Strip Flooring (optional).~~
B. Subfloor
1. Vapor barrier shall be 6-mil polyethylene.
2. The Channel Flex Ultra panels shall be pre-assembled with 5/8" (16mm) ProAction pads as supplied by Action Floor Systems.
3. Channels shall be galvanized steel.
4. Channel anchoring retainers shall be Action PCR T-Blocks as supplied by Action Floor Systems.
5. Channel anchoring pins shall be ¼" x 2"(6mm x 50mm) long hardened steel or as needed for proper concrete depth.
C. Fasteners
1. Flooring fasteners shall be 1-3/4" (38mm) cleats, or 15-gauge coated staples.
D. Wall Base
1. Wall base shall be 3" x 4" (76mm x 102mm) vented cove base with pre-molded corners (specify black or brown), as supplied by Action Floor Systems, LLC.
~~E. Protective Floor Cover (optional)~~
~~1. Action AirRide cover system with patented air blower system. System includes Phthalate-free, seamless 10' 0" wide, 20.5 ounce vinyl covers and A-frame rack.~~

PART 3 - EXECUTION
3.01 INSPECTION
A. Inspect concrete slab for proper tolerance and dryness reporting any discrepancies in writing to the general contractor.
B. All work to put the concrete slab in acceptable condition shall be the responsibility of the general contractor.
C. Slab shall be broom cleaned by the general contractor.

3.02 INSTALLATION
A. Cover concrete slab with polyethylene lapping edges 6" (150mm) and seal with adhesive or 2" (50mm) duct tape.
B. Place ChannelFlex Ultra F panels end-to-end in a brick pattern at right angles to the direction of the finish flooring leaving a gap of 1-1/8" (28mm) between the edges of the z-channels to accommodate t-blocks and a ¼" (6mm) gap between panel ends and fasten.
C. Secure panels using Action PCR T-Blocks and ¼" x 2" (6mm x 50mm) drive pins or TapCons.
D. Machine fasten strip flooring approximately 12" (300mm) o.c. End joints must be properly driven up. Provide adequate expansion as dictated by the average humidity conditions of the area according to the recommendations of the local Action Floor Systems, LLC. flooring contractor. Allow 2"(50mm) expansion voids at perimeters and all vertical obstructions.

3.03 FLOOR SANDING

A. Use coarse, medium and fine grade sandpaper.
B. After sanding, buff entire floor using 100-grit screen or equal grit sandpaper, with a heavy-duty buffing machine.
C. Vacuum or tack floor before first coat of finish.
D. Floor shall present a smooth surface without drum stop marks, gouges, streaks or shiners.

3.04 FINISHING

A. Inspect entire area of floor to ensure that the surface is acceptable for finishing, completely free of sanding dust and perfectly clean.
B. Apply seal and finish per manufacturer's instructions.
C. Buff and vacuum or tack between each coat after it dries.
D. Apply game lines accurately after the seal coat, after buffing and vacuuming. Lay out in accordance with drawings. For game lines, use current rules of association having jurisdiction. Lines shall be straight with sharp edges in colors selected by the architect. Game line paint shall be compatible with finish.

3.05 BASE INSTALLATION

A. Affix rubber base to wall with recommended adhesive or screws. Miter all corners carefully. Use premolded outside corners. Install aluminum thresholds as required, anchoring firmly in concrete floor beyond limits of wood flooring.

3.06 CLEAN UP

A. Clean up all unused materials and debris and remove from premises, properly dispose of all waste materials.

3.07 MAINTENANCE

A. Upon completion of floor installation, the owners, attendants or individuals in charge and responsible for the upkeep of the building are to see that the care and maintenance instructions of the MFMA are followed. Failure to do so may void warranty.

ASET SERVICES

6598 E Canton S. Boston Rd. | Salem, IN 47167 | USA

Engineering Consulting | Product Research | Field Testing and Inspections

Phone: 812.528.2743 | Fax: 866.331.0045 | www.asetservices.com

Suitability Test Report

Issued To:
Action Floor Systems, LLC
4781 N U.S. Highway 51
Mercer, WI 54547
USA

Standard:
Suitability Test Report of a sports surface system according to DIN 18032-2 (issue 1991)

System Name:
Channel Flex Ultra - NR1 (5/8 ProAction)

Date of Suitability Testing	Jan 12, 2010
Suggested Retest Date	Jan 12, 2017
Report Number	91-011210-02
Pages	9

Evaluated Characteristic of DIN 18032-2 (1991)	Test Results (Avg Values)
Force Reduction	61%
Ball Rebound	97%
Vertical Deformation	2.6 mm
Area Indentation	14%
Rolling Load	1500 N (Pass)
See Appendix D for rolling load comments	

To: Action Floor Systems, LLC
4781 Highway 51
Mercer, WI 54547
USA

Subject: Suitability test carried out on a sports surface system according to DIN 18032-2 (issue 1991)

ASET Services, Inc was commissioned by Action Floor Systems, LLC of Wisconsin to conduct suitability testing of the Channel Flex Ultra - NR1 (5/8 ProAction) area elastic sports surface system.

A sample of the sport surface system measuring 3.5 m x 3.5 m (12 ft x 12 ft) was constructed at ASET Services' test facility.

The date of the testing was Jan 12, 2010.

2) Testing Procedures

Testing was conducted according to DIN 18032-2 (issue 1991). The testing climate was 23 C, 45% relative humidity. Point locations are documented in Appendix 2

3) Average Test Results

The following table contains the average performance values obtained on the evaluated sport surface system, as well as the requirements of DIN 18032-2 (issue 1991).

Evaluated Characteristic of DIN 18032-2 (1991)	Test Results (Avg Values)	DIN 18032-2 (1991) Average Requirements
Force Reduction	61%	53% minimum
Ball Rebound	97%	90% minimum
Vertical Deformation	2.6 mm	2.3 mm minimum
Area Indentation	14%	15% maximum
Rolling Load	Pass	(1500 N)

4) Conclusions

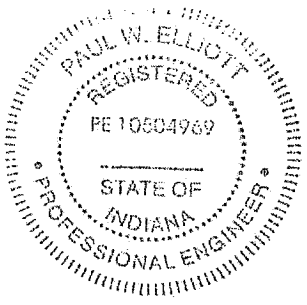
The Channel Flex Ultra - NR1 (5/8 ProAction) area elastic sports surface system described in previous sections was found to meet the performance requirements for area elastic sports surfaces as specified in DIN 18032-2 (issue 1991).

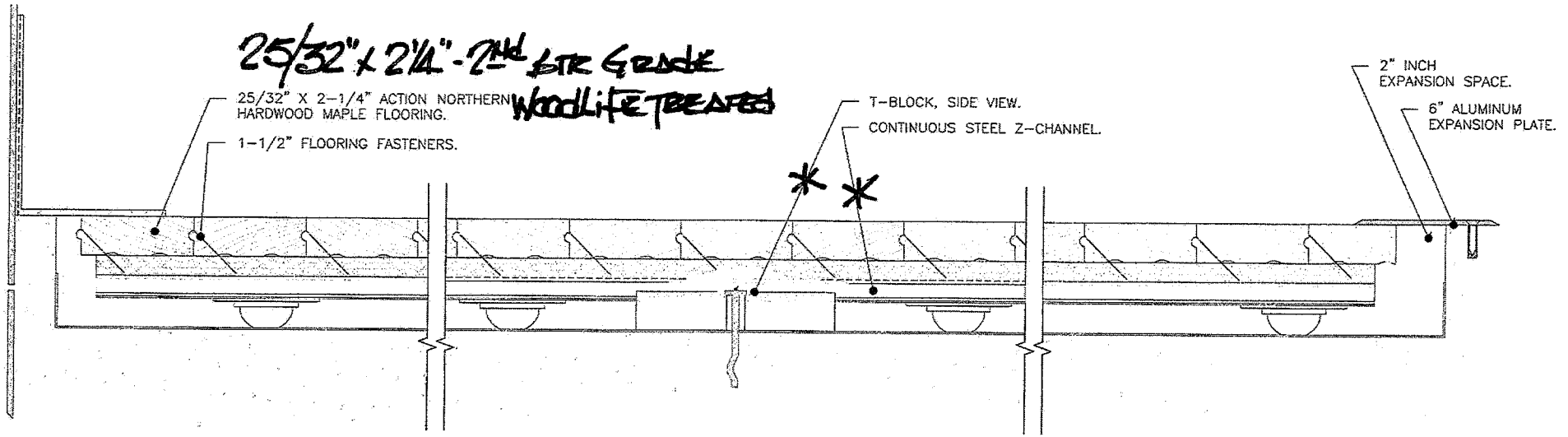
Testing and report generation was performed by Paul W. Elliott, Ph.D., P.E. of ASET Services, Inc.

I hereby certify that the results presented in this report were obtained on the sample as described, on said date and are believed to be accurate representations of the performance of this sport surface system.

Paul W Elliott

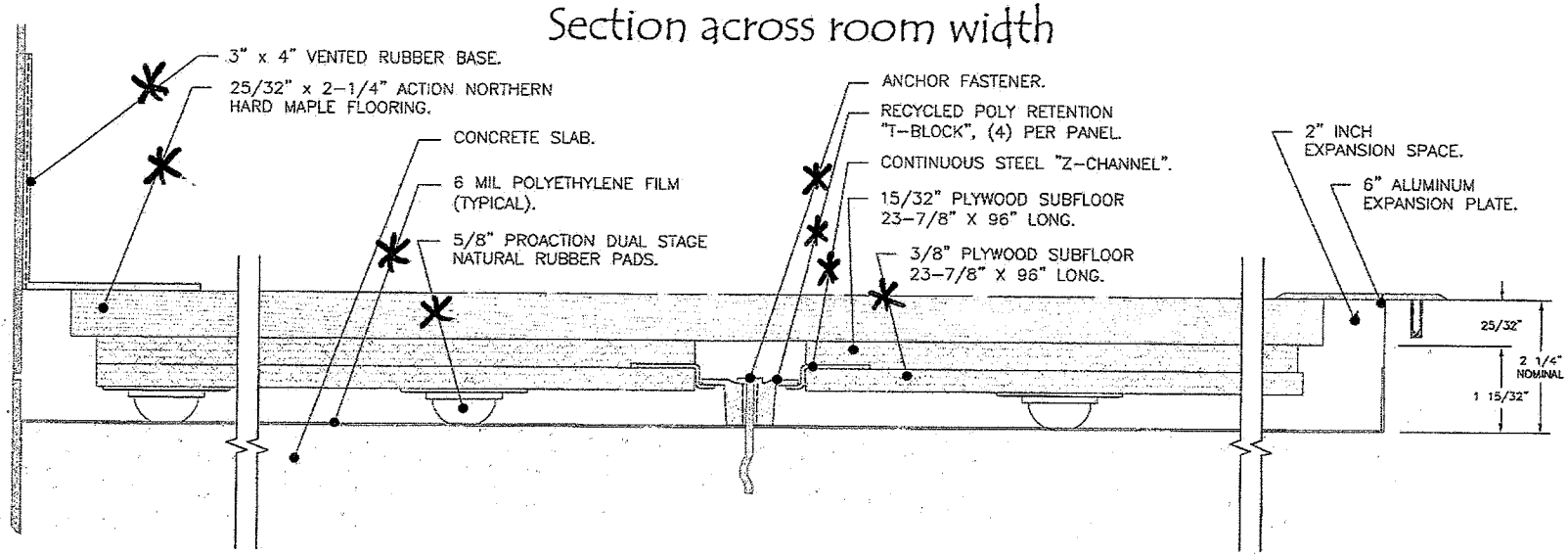
_____ Date: Mar 8, 2010



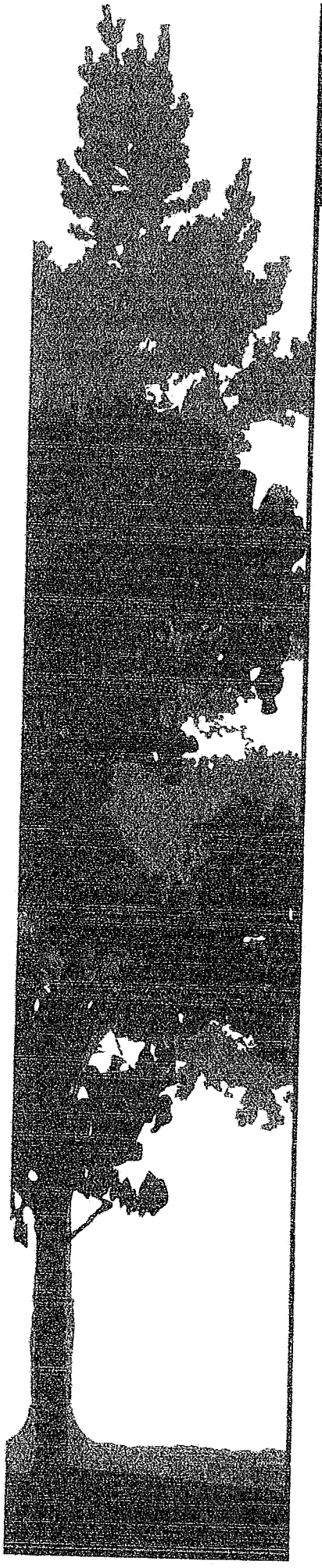


25/32" x 2¼" - 2nd Gr Grade Woodlife Treated

Action_ChannelFlex_NR1
Section across room width



Action_ChannelFlex_NR1
Section across room length



Rainforest Alliance

ACTION FLOOR SYSTEMS, LLC

4781 NORTH US HIGHWAY 51
MERCER, WISCONSIN 54547-9708
UNITED STATES

IS CERTIFIED FOR FOREST STEWARDSHIP COUNCIL™ CHAIN OF CUSTODY

Certificate Scope

Certificate Type: Single Chain of Custody

Standard(s): FSC-STD-40-004 V2-1

Product group(s): Hardwood flooring

Valid from November 15, 2012 to November 14, 2017

Certificate Registration Code: RA-COC-000796

FSC License Code: FSC-C023843

Certificate Issue Number: IN-2012-1

Additional details regarding the scope, including a full list of products and species, are available at info.fsc.org.

Joshua Tosteson, RA-Cert Director
Rainforest Alliance
665 Broadway, Suite 500 New York, NY 10012 USA

RAINFOREST ALLIANCE IS AN ACCREDITED FSC® CERTIFICATION BODY

The validity of this certificate shall be verified on info.fsc.org. This certificate does not constitute evidence that a particular product supplied by the certificate holder is FSC certified and/or FSC Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents.

ACCREDITED
FSC-ACC-004

Version March 2012

FSC

Substitution Request Form

Architect: ABHA Architects LLC
Project: Howard High School of Technology – Wilmington, DE

We hereby submit for your consideration the following product instead of the specified item(s) for the above project:

Section	Specified Manufacturer	Specified System
096429	Connor Sports Floors	Rezill Channel
	Manufacturer	**Proposed System**
096429	Action Floor Systems	Channel Flex Ultra NR

Attach complete technical data including laboratory tests if applicable.

Include complete information changes to Drawings and/or Specifications which proposal substitution require for proper installation.

Fill in the blanks below, use additional sheets if necessary:

A. Does the substitution affect dimensions shown in Drawings? **None**

B. Will the undersigned pay for changes to building design, including engineering and detailing costs caused by substitution? **Not Applicable**

C. What effect does substitution have on other trades? **None**

D. Differences between substitution and specified item? **Floor Systems Are Of Equal Design and Quality.**

E. Manufacturer's guarantees of proposed and specified items are: **Same**

The undersigned certifies that the function, appearance and quality are superior or equivalent to the specified item.

Submitted By,

David L. Fields
Regional Representative
Action Floor Systems, LLC.
4781 N US Hwy 51
Mercer, WI 54547
p. 843-312-5828
f. 715.476.3585
davef@actionfloors.com

For Use by the Design Consultant

☐ Accepted

☐ Accepted As Noted

☐ Not Accepted

Project Manager:_____
Specifier:_____
Date:_____
Telephone_____