GYMNASIUM FLOOR AND BLEACHER REPLACEMENT

INTERIOR ALTERATION

2075 Stokes Boulevard
Cleveland, OH 44106

PREPARED FOR:

CMSD John Hay High School
Gymnasium

PREPARED BY:

Ubiquitous Design, Ltd.
Architects

CODE INFORMATION

A. PROJECT LOCATION: John Hay High School
B. DESCRIPTION AND USER GROUP CLASSIFICATION OF BUILDING:

WE ARE SEEKING TO COMPLETELY RENOVATE A FORMER OFFICE AND UNFINISHED STORAGE SPACE FOR THE EXPRESS USE OF A NAIL AND HAIR SALON
C. NATURE OF PROJECT: INTERIOR ALTERATION
D. USE GROUP: [E] EDUCATION
E. OCCUPANT LOAD: N / A
F. PARKING SPACES COUNT: N / A
G. CONSTRUCTION TYPE: III-B
H. WORK AREA LIMIT:

FIRST LEVEL GYMNASIUM ONLY
I. TYPE OF MECHANICAL:

EXIST. FORCED AIR FURNACES
J. STRUCTURAL LIVE LOAD: 100 PSF UNIFORM L/L

IN ALL CASES, IF THERE IS A DISCREPANCY BETWEEN CODE REQUIREMENTS, BETWEEN ANY REFERENCED CODES, THE MORE STRINGENT CODE ALWAYS APPLIES.

REFERENCED CODES

2017 OHIO BUILDING CODE (OBC)
2017 OHIO MECHANICAL CODE (OMC)
2017 OHIO PLUMBING CODE (OPC)
NFPA NATIONAL ELECTRICAL CODE 2017
LIFE SAFETY CODE, NFPA 101- 2017
2017 NFPA 13 SPRINKLER CODE
2017 DEPT. OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN
2009 ICC/ANSI A117.1

HISTORIC PHOTOGRAPH

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JOHN HAY HIGH SCHOOL
Interior Alteration
Gymnasium Floor and Bleachers Replacement
2075 STOKES BOULEVARD
CLEVELAND, OH 44106
216.838.0404
Gary.Sautter@clevelandmetroschools.org

Site Plan

Scale: 1/64" = 1'-0"

1. EXIST. HIGH SCHOOL - Classroom Building
2. EXIST. GYMNASIUM
3. EXIST. NATATORIUM
4. EXIST. OUTDOOR TRACK AND FIELD
5. EXIST. PARKING AREA

General Notes:
- NEW SHALL BE NO EXTERIOR CONSTRUCTION AS PART TO THE SCOPE OF WORK

Coded Notes:
- A1.0
GENERAL NOTES:
1. UPON COMPLETE REMOVAL OF EXIST. WD. FLNG. ARCHITECT AND OWNER TO PERFORM DETAIL REVIEW AND INSPECTION OF EXIST. SUBFLOOR

PLAN KEYED NOTES:
2. NEW VENTED WALL BASE
3. NEW ALUM. THRESHOLD
4. NEW BLEACHERS; SEE DETAILS ON SHEET A4.0 AND A5.0
5. NEW 8" MAIN COURT PERIMETER
6. NEW 8" MAIN COURT BASKETBALL HOOP AND BACKRD. TO REMAIN. N.I.C.
7. NEW 8" MAIN COURT BASKETBALL HOOP AND BACKRD. TO REMAIN. N.I.C.
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18. NEW 8" MAIN COURT BASKETBALL HOOP AND BACKRD. TO REMAIN. N.I.C.
19. NEW 8" MAIN COURT BASKETBALL HOOP AND BACKRD. TO REMAIN. N.I.C.
20. NEW 8" MAIN COURT BASKETBALL HOOP AND BACKRD. TO REMAIN. N.I.C.

WALL TYPES
EXISTING BRICK AND CMU BLOCK WALL
EXISTING CMU BLOCK WALL
EXISTING CONC. WALL

PROPOSED FLOOR PLAN
SCALE: 1/4" = 1'-0"
NEW EAST BLEACHER 'B' PLAN

GENERAL NOTES

1. LEGEND WILL SUPPLY ALL MEASUREMENTS AND INFORMATION SHOWN ON THE PLAN. ALL DIMENSIONS ARE TO BE TAKEN FROM CENTERLINE TO CENTERLINE UNLESS OTHERWISE ANNOTATED.

2. MATERIALS AND COLORED OR HOLOGRAPHIC PRINTED TO ASSIST VIEWER TO DISTINGUISH THE VARIOUS ELEMENTS.

3. THE ARCHITECT'S GENERAL CONSTRUCTION AND OWNER'S CONSTRUCTION DRAWINGS ARE ISSUED FOR THE PROJECT ACCORDING TO THE STANDARDS AND SPECIFICATIONS.

4. THE CONTRACTOR IS RESPONSIBLE FOR THE EXACT TOLERANCES OF MATERIALS AND PRODUCTS TO BE USED.

5. ALL DRAWINGS ARE TO SHOWN IN A COORDINATE SYSTEM AND SHALL CONFORM TO CURRENT ESTABLISHED CODES AND STANDARDS.

6. MOTORIZED BLEACHER ELEC. REQ.

BLEACHER 'B' SECTION

MOTORIZED BLEACHER ELEC. REQ.

NEW EAST BLEACHER 'A' PLAN

COURTSIDE SEAT MODULE DETAIL

BANK SUMMARY

BANK 'B'
MODEL: MAXAM26
RISE: 9-5/8'
ROW SPACING: 24'
TIERS: 10

IMAGE OF BLEACHER AND 'COURTSIDE' INDIVIDUAL SEAT MODULE
1.00  QUALITY ASSURANCE 
A.  Quality Assurance:  Conform with the requirements of the latest (10 years) American National Standards Institute (ANSI) Z621 for static and dynamic tests of seating elements including but not limited to: 1.  Support design, 2.  Strength and load tests, 3.  Appearance, 4.  Durability, 5.  Repairability, 6.  Serviceability, 7.  Static and Dynamic performances as defined in the applicable test standards. 
B.  Testing Standards & Specifications:  To be performed in accordance with the latest (10 years) General Services Administration (GSA) Federal Test Method and Federal Specification requirements. 

1.01  SUMMARY

1.02  MANUFACTURERS

1.03  Telescope of Bleachers Specifications

1.04  TELESCOPING GYM SEATS SPECIFICATIONS

1.05  Specifications

1.06  WARRANTY

1.07  GENERAL

1.08  TECHNICAL SPECIFICATIONS

1.09  Project Team:

1.10  ISSUED

1.11  FIELD MEASUREMENTS

1.12  DELIVERY, STORAGE AND HANDLE

1.13  INSTALLATION

1.14  SERVICE

1.15  CERTIFICATE OF COMPLIANCE

1.16  ELECTRICAL OPERATION

1.17  INTERVENTION FACTORY

1.18  MASTER PLANS

1.19  REFERENCES

1.20  FOOTNOTES

1.21  EXHIBIT

1.22  APPENDICIES

1.23  EXHIBIT

1.24  EXHIBIT

1.25  EXHIBIT

1.26  EXHIBIT

1.27  EXHIBIT
TELESCOPING GYM SEATS SPECIFICATIONS (cont.)

PART 1 - EXECUTION

2.3 INSTALLATION

A. Manufacturer's Recommendations: Carefully reading the manufacturer's recommendations is essential. The manufacturer's recommendations are based on the installation conditions and conditions of use. Inadequate installation can result in problems when using the gym seats.

2.4 ACCESSORIES

A. Flex-Row: Provide first row modular recoverable seating units to be utilized by persons in wheelchairs and able-bodied persons. Each Flex-Row unit shall have an unlocking handle for easy deployment if wheelchair or team seating access is needed. Unlocking handle shall lock the seat into position when fully opened.

B. Front Aisle Steps: Provide at each vertical aisle location front aisle steps. Front steps shall engage with front row to prevent accidental separation or movement. Steps shall be the same height as the front row back 10" to 12" in diameter. Kick plates shall provide maximum stability on the front edge. Quality installation is essential.

C. BRUSHED STAINLESS STEEL: Provide a black injection molded end cap for the nose beam for safety and improved aesthetics.

D. Providing a secure, comfortable seating environment for spectators is essential. Seating units shall be designed to accommodate the specific requirements of the facility and the ADA requirements outlined above. Seating units are designed to achieve multi-use and improved ergonomics. The Integral 16 Ga. cantilevered comfort C-style leg design provides ample clear space and stability during use and folds for ease of storage.

E. PERMIT ISSUANCE: The permit issuance is essential to ensure that the installation is in compliance with all applicable codes and standards. The permit issuance process shall be completed before the installation begins.

F. INSTALLATION: Once the permit issuance is completed, the installation process can begin. Ensure that the installation process is monitored and documented to ensure compliance with the manufacturer's recommendations.
Concrete slab shall be broom cleaned by general contractor. Inspect concrete slab for proper tolerance and dryness. Report any discrepancies to general contractor and architect in writing.

PART 3 - EXECUTION

Protective Floor Covering

H. Use flexible rubber or cushioned hard rubber protective floor coverings. Where used, replace floor coverings in areas damaged during construction. Use approved leveling compound before applying floor coverings. Use approved edge trim and mitering. Remove excess and waste materials from the area of work.

E. Use approved low-sheen latex paint washable or water-based. Line can have a maximum of two colors. Use approved floor levelers.

D. Painting shall be done in a well-ventilated area. A minimum of four coats shall be used. Sand between coats of primer and finish. Use approved sealers.

C. Install carpet tiles in accordance with the manufacturer’s instructions. base cements or screws. Use approved grout in the joints. Remove excess and waste materials from the area of work.

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I. Schedule of materials and dimensions are subject to change. Contract shall be performed in accordance with the most recent installation instructions of the manufacturer. Use approved adhesives. Use approved base cements or screws. Use approved grout in the joints. Remove excess and waste materials from the area of work.