STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
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ADDENDUM NO. 4

DATE: **April 5, 2022**

CONTRACT NO.: **HU-0029-B01**

PROJECT: **UNION CITY - NEW GRADE 7 THROUGH 9 SCHOOL**

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supersede the relevant information in the Bid Documents.

A. CHANGES TO THE PROCUREMENT PROCESS:

1. Modifications to the Request for Proposal and Associated Documents

a. **REPLACE:** The Price Proposal originally dated March 24, 2022 shall be deleted and replaced with the Price Proposal dated April 5, 2022 and included herewith as Attachment 4.01

b. **MODIFY**: All references in the Request for Proposals to the due date for submission of Technical and Price Proposals shall be modified to extend the deadline until 2:00 PM Eastern Time on May 4, 2022.

c. **MODIFY**: All references in the Request for Proposals to the Public Opening of Technical and Price Proposals and Reading of the Synopsis Statements shall be modified to 2:00 PM Eastern Time on May 4, 2022.

d. **NOTE:** The tentative date for the Design-Builder interviews is May 17, 2022.

e. **MODIFY:** Section 7.(5) Award Requirements of the Requests For Proposals shall be modified as follows;

Section 7.(5). – Award Requirements of the Request For Proposals (RFP) shall be modified as follows: The State has established targeted minority and women employment goals for the determination of good faith and equal opportunity efforts by Construction Contractors and subcontractors. The targets for construction contractors and subcontractors in ~~*Union*~~ **Hudson** County are:

Category	Minority %	Women %
Asbestos worker	~~*45*~~ **60**	6.9

Bricklayer or Mason	~~*45*~~ **60**	6.9
Carpenter	~~*45*~~ **60**	6.9
Electrician	~~*45*~~ **60**	6.9
Glazier	~~*45*~~ **60**	6.9
HVAC Mechanic	~~*45*~~ **60**	6.9
Iron Worker	~~*45*~~ **60**	6.9
Operating Engineer	~~*45*~~ **60**	6.9
Painter	~~*45*~~ **60**	6.9
Plumber	~~*45*~~ **60**	6.9
Roofer	~~*45*~~ **60**	6.9
Sheet Metal Worker	~~*45*~~ **60**	6.9
Sprinkler Fitter	~~*45*~~ **60**	6.9
Steamfitter	~~*45*~~ **60**	6.9
Surveyor	~~*45*~~ **60**	6.9
Tiler	~~*45*~~ **60**	6.9
Truck Driver	~~*45*~~ **60**	6.9
Laborer	~~*45*~~ **60**	6.9

B. CHANGES TO THE PROJECT MANUAL:

NOTE: Additions are shown in **bold and underline** text; deletions are shown in ~~*strikethrough and italics*~~.

1. Changes to the Design-Build Agreement

a. **MODIFY**: In Volume 1, Design-Build Agreement, modify Section 25.3 as follows:

25.3 Order of Precedence. In the event of a conflict, discrepancy or inconsistency between or among the Design-Build Contract Documents, interpretation shall be based on the following descending order of priority:

1. Executed Change Orders
2. Addenda
~~*2*~~**3**. Special Conditions
~~*3*~~**4**. Supplementary Conditions (if any)
~~*4*~~**5**. This Agreement
~~*5*~~**6**. The Design Build Information Package:
a. Procedural Specifications
~~a~~**b**. Performance Specifications
~~*b. Educational Specifications*~~
c. Bridging Design Drawings
d Existing Conditions Reports
e. DOE Approved Documents

1) Ed Spec Room Layouts and Fit-Out Lists (Part E)
2) Schematic Design Drawings
3) Ed Spec Narratives (Parts A-D)

f. Design Manual for Design-Bid-Build Projects

~~e~~**g**. NJSDA Materials and Systems Standards Manual – Design Requirements

7. Request for Proposals

8. Request for Qualifications

Documents making up the Design-Build Contract Documents are intended to be harmonious and complimentary and must be viewed and interpreted together as a group. A document may be augmented or supplemented by detail contained in another document. Accordingly, the following situations do not constitute a conflict, discrepancy or inconsistency that requires resort to the Order of Precedence:

1) **An item is called-out or specified in one document, though the item is absent or omitted from another document;**
2) **An item is specified or described with a greater level of detail in one document versus a more general reference in another document.**

In the event there is any conflict between and among the requirements contained in the Design-Build Contract Documents, the Design-Builder shall provide the higher quality level of service and Work or meet the higher standard, as determined by the Authority in its sole discretion. In the event that the Design-Builder's Construction Documents contain a conflict, the Authority in its sole discretion shall resolve the conflict and direct the Design-Builder to perform pursuant to the Authority's interpretation of the conflict.

2. Changes to the Performance Specifications

a. **MODIFY:** In Volume 2, Section E1040.10, Educational and Scientific Equipment, modify paragraph II.M., as follows;

M. Compost Bin

1. **Basis of Design; CompostT-Twin, Model 4000-00-03 by Mantis (Or Approved Equal).**

m. **MODIFY:** In Volume 2, Section PS1030.00 Project Criteria, modify

paragraph I.B.2.d.(3).**(e)**, as follows;

(e) The hours of operation for the School Facility Kitchen are 5:00 am and 10:00 pm.

n. **MODIFY:** In Volume 2, Section C1010.50 Interior Operable Partitions, modify paragraph I.A.1.b, as follows;

a. **Provide electrically operated operable partition between the paired Small Group Instruction Rooms.**

o. **MODIFY:** In Volume 2, Section E1070.00 Entertainment and Recreational Equipment, modify paragraph II.~~*D.*~~ **E.** 7., 8., and **9.** as follows;

7. Pull-Up Bar**, Basis of Design; Porter Model No. 00196-013 (Or Approved Equal).**
   - **a. 3 section multi-station chinning bar (10'-0").**
   - **b. Wall mounted at fixed height.**
   - **c. 1" diameter bar.**
   - **d. Chinning bar to be zinc plated.**
   - **e. Support brackets to be powder coated black.**

8. Climbing Rope, **Basis of Design Performance Sports System Model No. 103 (Or Approved Equal).**

9. Locker Room Bench
   - **a. Provide benches in lengths and quantities as indicated, with HDPE tops, and black anodized aluminum pedestal bases with welded flanges.**
   - **b. Provide tamper-proof fasteners.**
   - **c. Basis of Design: Lenox Pedestal Bench by Bradley (Or Approved Equal).**

p. **MODIFY:** In Volume 2, Section C2000.00 Interior Finishes, modify paragraph I.F.7.**b.**, as follows;

b**. Include up to (4) Four colors of striping.**

q. **MODIFY:** In Volume 2, Section C1090.70 Storage Specialties, modify paragraph II.F.1.b., as follows;

b. Provide one mail slot unit with minimum 48 slots in each Teacher's Workroom. **Mail slot unit shall be capable of the following capacity, 42 mail slots (6 columns by 77 rows) and shall accommodate letter size paper horizontally.**

r. **MODIFY:** In Volume 2, Section E1040.10 Educational and Scientific Equipment, modify paragraph II.B.1. and II.B.1.(14), as follows;

1. Basis of Design; **Labconco Model No. 160404102 (Or Approved Equal).**

(14) Provide power and data ~~*to*~~ **within** fume hood.

s. **MODIFY:** In Volume 2 modify Section C2000.00 Interior Finishes, modify Table C2000.00-5 as follows;

Operable Partition – SGI	~~*Panelfold*~~, **Modernfold** Pattern: ~~*Sandtex*~~, **Loominous**	~~*Early Sky*~~, **Canvus**
Operable Partition – Stage	~~*Panelfold*~~ **Modernfold**, Pattern: ~~*Miratex*~~, **Loominous**	~~*Indigo*~~, **Lustre**
Dance Studio Top	**Corian**	**Dove**

t. **MODIFY:** In Volume 2, Section F1020.40 Manufactured Engineered Structures, modify paragraph IV.L., as follows;

L. Growth Lights: **Provide high pressure sodium lighting controlled by the environmental control unit to provide a photosynthetic photon flux density of 375 umol/m^2/s average on a surface 2'-8" above the entire Environmental Science Lab floor area, with a 300 umol/m2/s minimum and 4:1 maximum : average ratio. Basis of design: Hydrofarm Phantom 50 Series, Basis of Design, Hydrofarm Phantom 50 Series (Or Approved Equal).**

u. **MODIFY:** In Volume 2, Section D5040.30 Interior Lighting, modify paragraph II.9.a.(2) & b. (1), as follows;

(2) Mount bottom of fixtures approximately ~~*12'-0"*~~ **10'-0"** above finished floor.

(1) Mount bottom of fixtures approximately ~~*12'-0"*~~ **10'-0"** AFF (align with bottom of fixtures in Café).

v. **MODIFY:** In Volume 2, Section D5040.30 Interior Lighting, modify paragraph II.16.a.(2) & (3), as follows;

(2) Mount bottom of fixtures ~~*12'-0"*~~ **18'-0"** above finished floor.

(3) Ceiling height: ~~*18'0"*~~ **20'-0"** above finished floor.

w. **MODIFY:** In Volume 2, Section C1090.70 Storage Specialties, modify paragraph II.D, as follows;

~~*D. Closet Specialties*~~

~~*1. Use one of the following:*~~

~~*a. Fixed wood shelving and metal hanger rods at coat closets.*~~

~~*b. Adjustable wood shelving at storage closets.*~~

x. **MODIFY:** In Volume 2, Section C2000.00 Interior Finishes, modify paragraph III.B.1., as follows;

B. Vinyl Composition Tile (VCT)

1. ~~*Provide*~~ **P**recision waterjet cutting of tile for shapes **is not required.** ~~*indicated.*~~

y. **DELETE:** In Volume 2, Delete Section B2050.30 Exterior Oversized Doors in its entirety.

z. **MODIFY:** In Volume 2, Section F1020.40 Manufactured Engineered Structures, modify paragraphs III.C., D.1.&2. and E.3, as follows;

C. **Polycarbonate** Glazing:

D. **Polycarbonate** Glazing System

1. **Polycarbonate** Glazing extrusions for glazing shall be made of aluminum and consistent with Manufacturer's standard shapes as noted in the greenhouse components section above.

2. A lapped **polycarbonate** glazing system shall be used on the walls and roof with 3/8" laps as standard. **Polycarbonate glazing** ~~Glass~~ shall be held in place with extruded aluminum bar caps fastened to the glazing bars with stainless steel self-tapping screws.

E. **Polycarbonate** Glazing Seals

3. Extrusions are to be provided and installed complete with necessary accessories for manufactured engineered structure construction

aa. **MODIFY:** In Volume 2, Section B2080.00 Exterior Wall Appurtenances, modify paragraphs I.A.d. and III.E, as follows;

d. ~~*Recessed*~~ **Surface Mounted** Exterior Display Case

E. ~~*Recessed*~~ **Surface Mounted** Exterior Display Case.

bb. **MODIFY:** In Volume 2, Section C1090.20 Information Specialties, modify paragraph II, H.1, as follows;

H. Tool Type Hook Board (Peg Board)

1. Basis of Design: Diamond Life (Or Approved Equal)

a. Heavy-duty all metal construction

b. Galvanized steel.

c. Load rated for (1) One-Ton.

d. Back flanges for maximum rigidity.

e. Holes to fit standard peg holes.

f. Ability to hold magnets.

cc. **MODIFY:** In Volume 2, Section D2010.60 Plumbing Fixtures, modify paragraph II.I, as follows;

I. Showers

1. Use one or more of the following:

a. **One-piece** Composite resin **shower unit**.

b. Highly durable acrylic.

c. **Wall mounted integral folding seat with stainless steel frame and hinged legs.** ~~*Integral folding seat.*~~

d. Roll-in low threshold for wheelchair access.

e. 10-year warranty.

f. Barrier-free design and construction.

~~*2. Basis of Design: 'Sterling' Model No. 62070115, (Or Approved Equal).*~~

dd. **MODIFY:** In Volume 2, Section D3000.00 Heating, Ventilation, and Air Conditioning (HVAC), modify paragraph II.M., as follows;

M. Destratification Fans

1. Provide commercial fans to improve air circulation and create well mixed spaces. Each fan shall be provided with the following:

a. Decorative molded housing, fully enclosed concealed fan and motor. Style, finish and color selected by Architect.

b. High efficiency ECM motor and disconnect switch. Controls and power shall be on generator power.

c. Vertical downward discharge arrangement with safety guide wire cables and hanging vibration isolation. Manufacturer's support and safety cable clips. Install per manufacturer's recommendations.

d. Provide adjustable variable air velocity, providing a range between 40 fpm – 160 fpm felt at the occupant level. Manufacturer's hard wired controls including adjustable speed control, automatic temperature adjustment of each fan including high & low space temperature sensors, thermal overload protection cut off, relay to central building management system. BMS monitoring and control of status, on/off control, speed control, and sequence of operation for unoccupied & Air Flush mode cycles.

e. Provide for each fan hard wired remote wall mounted local thermostatic control,

temperature sensors, potentiometer, on/off switch, with keyed tamperproof covers.

f. ETL or CSA listed, CSA certified.

2. Provide destratification fans in the following areas: Cafetorium, Stage, and each of the Gymnasium segregated areas.

a. Open ceiling areas to be provided with multiple tube axial pendant mounted fans suspended from structure/deck. Provide pendant fans coordinated with suspended acoustic cloud panel arrangement, light fixtures, air devices and other elements.

(1) Basis of Design: Airius 'Air Pear EC' (Or Approved Equal).

b. Suspended drop ceiling areas to be provided with multiple fans mounted within the plane of ceiling.

(1) Provide fan assembly which resides within ceiling tile grid, intake grille, fan guard, manufacturer's duct discharge extension fitting, and manufacturer's dome intake hood/shroud. Ceiling cavity not accepted as an active air plenum.

(2) Basis of Design: Airius 'Suspended EC' (Or Approved Equal).

3. Warranty: 3 year warranty, 2 year controls warranty.

ee. **MODIFY:** In Volume 2, section A6020.20 Radon and Vapor Intrusion Mitigation, modify paragraph I.A.5., as follows;

5. The passive RM/SSDS shall also include a roughed-in electrical system for conversion to an active RM/SSDS in the event such an active system becomes necessary. **The roughed-in-electrical system shall be located on the roof in close proximity to the roof mounted turbine ventilator.**

ff. **MODIFY:** In Volume 2, Section A1000.00 Foundations, modify paragraph I.**E**. as follows;

E. Geotechnical Program

1. **The Design-Builder shall perform a full geotechnical investigation and generate a Geotechnical Report for this project, signed and sealed by a licensed New Jersey Professional Engineer, which meets the requirements necessary to obtain all permits and regulatory approvals.**

2. **Geotechnical Monitoring Program for Off-Site Impacts**

   a. **Prior to commencement of construction, in accordance with the Plan, the Design-Builder shall notify all surrounding property owners, tenants and utilities within 200 feet of the Project's property lines and advise them of any potential impacts they may experience.**

      (1) **The Design-Builder shall provide documented proof of each such notification to the Authority.**

      (2) **The Design-Builder shall advise the surrounding property owners and tenants of the monitoring efforts that will be underway during construction, and shall provide a point of contact which can be used by adjacent stakeholders to directly advise the Authority of issues.**

   b. **Pre-Construction Conditions Survey**

      (1) **Prior to commencement of construction, the Design-Builder shall conduct a full Pre-Construction Conditions Survey to document the condition of all surrounding properties, utilities, and structures.**

      (2) **This Survey shall include a physical survey of the site and utilities and any other indications of prior movement or distress, and shall serve as a historical record for assessing any possible effects of construction operations.**

      (3) **The Design-Builder shall be responsible for obtaining access to surrounding structures and coordinating Survey work with individual property owners and tenants.**

      (4) **The scope of this Survey shall include, but is not limited to, photographs and**

measurements of the interiors and exteriors of all surrounding buildings and other features in sufficient detail, quality, and quantity to inform adjudication of potential claims for damage caused by construction operations.

c. Pre-Construction Submissions

(1) Geotechnical Report as required by code and as described above.

(2) Documentation of all notifications to surrounding property owners and tenants.

(3) Pre-Construction Conditions Report.

d. Post-Construction Condition Survey

(1) Following the completion of foundation operations, the Design-Builder shall conduct a Post-Construction Conditions Survey of surrounding properties, utilities and structures.

(2) The scope of this Survey shall include, but is not limited to, photographs and measurements of the interiors and exteriors of all surrounding features in sufficient detail and quantity to enable detailed comparison with the pre- construction survey, and to inform adjudication of potential claims of damage caused by construction operations.

(3) The Design-Builder shall be responsible for obtaining access to surrounding structures and coordinating Survey work with individual property owners and tenants.

(4) The Design-Builder shall compare the Post-Construction Conditions Survey to the Pre-Construction Conditions Survey and shall prepare a report documenting any damages or impacts that have occurred or have worsened as a result of construction operations. The report shall include "before and after" annotated photographs and drawings indicating in detail the location and extent of any damages or other impacts.

gg. **MODIFY:** In Volume 2, Section C1090.70 Storage Specialties, modify paragraph II.A.5., as follows;

5. <u>Dance Studio</u>

a. <u>Custom-grade wood full-frame bench with storage cubbies below.</u>

b. <u>All casework to have pressure-treated separate wood base.</u>

c. <u>Solid surface bench seat.</u>

hh. **MODIFY:** In Volume 2, Section C1030.00 Interior Doors, modify paragraph II.B.3., as follows;

3. Finish: Standard paint finish, color: White. RAL 7035 Light Grey.

ii. **MODIFY:** **In Volume 2, Section B2050.00 Exterior Doors and Grilles, modify paragraph II,D.l., as follows;**

<u>l.</u> <u>Color: RAL 7045 Telegrey.</u>

jj. **MODIFY:** In Volume 2, Section E1040.10, Educational and Scientific Equipment, modify paragraph II.M., as follows;

N. <u>OT/PT Sensory Room Tactile Panel</u>

1. **<u>Basis of Design: Abstract Tactile Panel, Model No. 20940R by Flag House (Or Approved Equal).</u>**

a. <u>Auditory, tactile and visual sensory elements</u>

b. <u>Provide Two (2) 4’-0” long by 4’-0” high panels, total 8’-0” in length.</u>

kk. **MODIFY:** In Volume 2, Section D6000.00 Communications, modify paragraph I.C.12.h, as follows;

a. ~~*All clocks shall be 900 MHz wireless powered by industrial grade alkaline-manganese dioxide batteries.*~~ **<u>All clocks shall be powered through IEEE 802.3af/at standard PoE/PoE+ utilizing CAT5/6 cabling.</u>**

ll. **MODIFY:** In Volume 2, Section C1010.00 Interior Partitions, modify

paragraph II.A.2.a. and **b.**, as follows;

2. Construct interior partitions and finishes using the following:

   ~~*a.*~~ At the Design-Builder's option, either cold-formed steel and drywall partitions or masonry partitions may be used for all interior construction**.**~~*, including interior of exterior walls.*~~

   b. The interior skin of the exterior wall and interior fixed partitions are required to be constructed of unit masonry where required by the Educational Specifications.

C. CHANGES TO THE EDUCATIONAL SPECIFICATIONS:

a. **REPLACE:** In Volume 3, replace Educational Specifications Room Layout and Fit-Out Lists with updated documents and included herewith as Attachments, A4.11, A4.12, A4.13, A4.14, A4.15, A4.16, A4.17, A4.18, A4.19, A4.20, A4.21, A4.22, A4.23, A4.24, A4.25, A4.26, A4.27, A4.28, A4.29, A4.30, A4.31, A4.32, A4.33, A4.34, A4.35, A4.36, A4.37, A4.38, A4.39 & A4.40;

Attachment A4.11 UN New 7-9 E-1a General Classroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.12 UN New 7-9 E-1b General Classroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.13 UN New 7-9 E-1c General Classroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.14 UN New 7-9 E-2 Science Classroom & Fit-Out List A 220331 (.pdf)
Attachment A4.15 UN New 7-9 E-2 Science Classroom & Fit-Out List B 220331 (.pdf)
Attachment A4.16 UN New 7-9 E-3a&b Science Lab Layout and Fit-Out List 220331 (.pdf)
Attachment A4.17 UN New 7-9 E-4a Art Room Layout and Fit-Out List 220331 (.pdf)
Attachment A4.18 UN New 7-9 E-4b Art Room Layout and Fit-Out List 220331 (.pdf)
Attachment A4.19 UN New 7-9 E-5 Hydroponics Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.20 UN New 7-9 E-6a Stem Robotics Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.21 UN New 7-9 E-6b Stem Robotics Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.22 UN New 7-9 E-7 Environmental Science Lab Room Layout & Fit-Out List Plan 220331 (.pdf)

Attachment A4.23 UN New 7-9 E-7a Environmental Science Lab Room Layout & Fit-Out List Plan 220331 (.pdf)
Attachment A4.24 UN New 7-9 E-8 Small Group Instruction Room Layout & Room Fit-Out List 220331 (.pdf)
Attachment A4.25 UN New 7-9 E-9 Teacher Workroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.26 UN New 7-9 E-11a1 Cafetorium (Dining) Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.27 UN New 7-9 E-11a2 Cafetorium (Dining) Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.28 UN New 7-9 E-11b1 Cafetorium (Assembly) Room Layout & Fit-Out List 220331f (.pdf)
Attachment A4.29 UN New 7-9 E-11b2 Cafetorium (Assembly) Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.30 UN New 7-9 E-12 Stage Instrumental Music Room - Room Layout and Fit-Out List 220331 (.pdf)
Attachment A4.31 UN New 7-9 E-15a Gymnasium Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.32 UN New 7-9 E-15b Gymnasium Assembly Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.33 UN New 7-9 E-19 Dance Studio Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.34 UN New 7-9 E-20 Vocal Music Room - Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.35 UN New 7-9 E-22 Media Center Room Layout 7 Fit-Out List 220331 (.pdf)
Attachment A4.36 UN New 7-9 E-23 Technology Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.37 UN New 7-9 E-24 Main Entrance Security ECC Attendance Office Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.38 UN New 7-9 E-28 Nurses Office Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.39 UN New 7-9 E-29 Main Office Reception Workroom and Office Supply Records and Test Storage Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.40 UN New 7-9 E-30 Principals Office Room Layout & Fit-Out List 220331 (.pdf)

D. CHANGES TO THE DRAWINGS:

a. **ADD:** In Volume 3, Add the following Drawings included herewith as Attachments, A4.03, A4.04, A4.05, A4.06, A4.07, A4.08, A4.09 and A4.10;

Attachment A4.03 UN New 7-9 A-101 First Floor and Second

Floor Plans 220331 (.pdf & .dwfx)
Attachment A4.04 UN New 7-9 A-102 Third and Fourth Floor Plans add4 220331 (.pdf & .dwfx)
Attachment A4.05 UN New 7-9 A-103 Fifth, Sixth floor and Roof Plans add4 220331 (.pdf &.dwfx)
Attachment A4.06 UN New 7-9 A-201 Exterior Elevations add4 220331 (.pdf &.dwfx)
Attachment A4.07 UN New 7-9 A-301 Building Sections add4 220331 (.pdf &.dwfx)
Attachment A4.08 UN New 7-9 A-801 Food Service Plan and Equipment Schedule 220331 (.pdf &.dwfx)
Attachment A4.09 UN New 7-9 AF-101 First and Second Floor Interior Finish Plans 220331 (.pdf)
Attachment A4.10 UN New 7-9 AF-102 Third and Fourth Floor Interior Finish Plans 220331 (.pdf)

E. BIDDER'S QUESTIONS, REQUESTS FOR INFORMATION AND RESPONSES:

1. **Question**: Specification Section C1010.50 Interior Operable Partitions states the Basis of Design shall be Acousti-Seal Encore Automated Series by Modernfold. Specification Section C2000.00 Interior Finishes, Table C2000.00-5 calls for the Operable Partitions at SGI and the Stage to be by Panelfold. Please confirm which is the correct Basis of Design product and revise the specifications accordingly. (BQ17)

   Response: The basis of design for the interior operable partitions shall be Modernfold Acousti-Seal Encore Automated. See modifications to performance specification Section C2000.00 Interior Finishes, modifications to Table C2000.00-5, above.

2. **Question**: Since the teachers podium is 'mobile' confirm the P/D and can be provided at the nearest adjacent wall in lieu of a floor device. (BQ32)

   Response: Confirmed, locate power and data for the mobile teacher podiums on the nearest adjacent wall.

3. **Question**: Most of the fit-outs note that all "student mobile devices" (MDU1) are to receive P/D regardless of desk orientation / layout. Please confirm that P/D is NOT required at the student desks where there is a mobile device charging cart (MDC1). (BQ33)

   Response: Confirmed, power and data is required only at the location of the mobile device charging cart. Power and data for individual student

mobile devices is not required. See the revised room layout and fit-out lists E-1a, E-1a2, E-1b, and E-1C General Classroom, E-2a and E-2b Self-contained Special Education Classroom, E-3a&b Science Lab, E-4a, E-4b Art Room, and E-8 Small Group Instruction.

4. **Question**: Art room fit-outs do not identify who is to provide the 'Tool Type Hook Board'. Also provide a size for this item accordingly. (BQ34)

   Response: HB Tool Type Hook Board (Peg Board) shall be provided by the D-B. See the revised room layout and fit-out lists 4a and E-4b Art Room, attached. The basis of design is Diamond Life (Or Approved Equal). See the revised performance specification section C1090.20 Specialties.

5. **Question**: Art room layout E-4b shows (5) uncolored items near the ground work floor clearance. Please identify what these are and who provides. If they are easels, please note the fit-out calls for 8. (BQ35)

   Response: The uncolored graphics illustrate students and a generic work area. No easels are required.

6. **Question**: Hydroponics Lab fit-out E-5 and Robotics fit-out (E-6a / E-6B) calls for open shelving above sink (SNK2A). Clarify the intent of open shelving. Is it upper wall cabinets without doors, or (1) continuous open shelf on adjustable brackets? (BQ36)

   Response: See Section F. Changes To Previous Addenda, below.

7. **Question**: Hydroponics Lab fit-out E-5 calls for (5) Overhead Power Reels. These are not depicted on the plan. Please provide desired location / layout. (BQ37)

   Response: Overhead power reels are not required in room C-425 Hydroponics Lab. See the revised room layout and fit-pout list E-5 Hydroponics Lab.

8. **Question**: Most of the District provided Hydroponic equipment require power (P). Please confirm that the power can be provided at the nearest adjacent wall and that floor boxes are not required. (BQ38)

   Response: Confirmed, locate power for the hydroponics equipment on the nearest adjacent wall. Floor boxes are not required.

9. **Question**: Confirm the entry doors to the Hydroponic Lab are properly sized

(width and height) to fit the District provided equipment. (BQ39)

Response: Confirmed, a 3'-0" wide x 7'-0" high nominal door opening is sufficient.

10. **Question**: Provide the capacity (gallons) of the District supplied Aquaponics System round tank (AQP1) so the floor loading can be designed accordingly. (BQ40)

Response: The capacity of AQP1 Aquaponics System is 400 gallons.

11. **Question**: Room Finish Schedule found in the Educational Specifications calls for "exposed structure" in the Hydroponics Lab, however drawing A-102 calls for a 9'-6" ceiling. Please clarify. (BQ41)

Response: Drawing A-102 requires in room C-325 Hydroponics Lab a 9'-6" clear height, not a ceiling. Exposed structure is required. Permanently installed elements shall not be below 9'-6" above the floor.

12. **Question:** Reference Robotics fit-outs E-6a, and E-6b. The P/D column is not filled out for the Demonstration Station (DST2), and the Teachers Desk (DSK1). Please confirm if these items require P/D. (BQ42)

Response: DST2 Demonstration Station: Power and data are required. See the revised room layout and fit-out list E-6a STEM / Robotics Lab. DSK1 Teacher Desk: See attached.

13. **Question**: Reference Robotics fit-out E-6b. There is a CWK5 item located to the left of the sink (SNK2A). This item cannot be found in the spread sheet, and is also not shown on the E-6a layout. Please clarify. (BQ43)

Response: Delete the element labeled CWK5. See the revised room layout and fit-out list E-6a STEM / Robotics Lab, attached.

14. **Question:** Reference Robotics fit-outs E-6a, and E-6b. The CNC router is noted as being provided by the SDA tech. If this is an error, and the CNC router is to be provided by the D/B please provide BoD / model number. (BQ44)

Response: The CNC router will be provided by the NJ SDA. No Basis of Design will be identified.

15. **Question**: Reference Robotics fit-outs E-6a, and E-6b. Does each row of the student computer tables require a floor box for P/D, or can we assume

that P/D will be provided at the wall adjacent to the first computer desk station? (BQ45)

Response: Power and date on the adjacent wall is acceptable. Floor boxes for individual student computers are not required.

16. **Question**: Reference Robotics fit-out E-6b. Plan shows (7) Overhead Power Reels (6 at the competition area, and 1 over the Demo station), however the schedule calls for 8. Please identify where the (1) missing power reel shown be provided. Additionally Ed Spec (C-15) calls for (6) Overhead power reels which contradicts the fit-out and schedule. Please clarify. (BQ46)

Response: Seven (7) overhead power reels are required. See the revised room layout and fit-out list E-6a and E-6b STEM / Robotics Lab, attached. The Room Layouts and Fit-out Lists take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

17. **Question**: Reference Robotics fit-out E-6b. Plan shows (5) Mobile Bleacher (Flip Forms) in the competition layout. Where are these items stored during the instructional layout? The storage room within the space shows metal shelving and if the mobile bleachers are to be stored there will they conflict with access to the shelving? Is the storage room adequately sized? (BQ47)

Response: When not in use the mobile bleachers, (flip forms), will be stored in rooms C-400D, C-400E, C-400F, C-400G, or C-400H Storage, (un-programmed).

18. **Question**: Confirm the entry doors to the Robotics Lab are properly sized (width and height) to fit the provided equipment. (BQ48)

Response: Confirmed, a 3'-0" wide x 7'-0" high nominal door opening is sufficient.

19. **Question**: Reference Science Lab fit-outs (E-3a & 3b), Robotics fit-outs (E-6a & 6b). Both the floor plan and schedule show and call for an 18" wide and 6" deep First Aid Cabinet, whereas specification section E1040.10 (II.G) call for a Sheldon 66109 model which has a width of 35" and a depth of 12". In order to stay within the smaller size confirm if the Campbell Rhea 9962 First Aid Kit cabinet is an acceptable unit. This option if acceptable is 13.5" wide and 3" deep. (BQ49)

Response: FBC1 First Aid and Fire Blanket Cabinet has been relocated. See the

revised room layout and fit-out list E-3a and b Science Lab, attached. The basis of design remains unchanged.

20. **Question**: Reference fit-out E-7 Environmental Science Lab. Identify (4) dashed items located on the exterior wall between the evaporative coolers. Are these items to be provided by the D/B? If so provide info. (BQ50)

    Response: The dashed graphics illustrate operable wall vents. These are the responsibility of the Design-Builder. Refer to performance specification section F1020.40 Manufactured Engineered Structures and manufacturers recommendation.

21. **Question**: Reference fit-out E-7 Environmental Science Lab. Clarify HB1 and HB2 dashed items located behind rainwater harvesting tank. Are these items to be provided by the D/B? If so provide info. (BQ51)

    Response: HB1 is a domestic water hose bibb. HB2 is a grey water hose bibb supplied from the rain water harvesting tank. See the revised room layout and fit-out list E-7a Environmental Science Lab. These elements are described in performance specification section F1020.40 Manufactured Engineered Structures and the NJ SDA Material and Systems Standards.

22. **Question**: Reference fit-out E-7 Environmental Science Lab. The BoD for the (16) planter boxes has been found in Volume 2. However, no information is provided for the "compost bin", and the long 20" high planter box along the masonry screen wall. If these are the responsibility of the D/B to provide, please provide dimensions / sizes, and BoD accordingly. (BQ52)

    Response: Compost Bin shall be provided by the D-B. The basis of design is the ComposT-Twin, Model 4000-00-03 by Mantis (Or Approved Equal). See the revised room layout and fit-out E-7 and E-7a Environmental Science Lab and revised performance specification section E1040.10 Educational and Scientific Equipment, both attached. The planters shall be provided by the D-B. The provided basis of design is also applicable to the planter box along the masonry wall. See the revised room layout and fit-out Environmental Science Lab, attached.

23. **Question**: Confirm the entry doors to the Environmental Science Lab are properly sized (width and height) to fit the provided equipment. (BQ53)

    Response: Confirmed, a 3'-0" wide x 7'-0" high nominal door opening is

sufficient.

24. **Question**: Ed Spec (C-17) Environmental Science Lab notes to provide 'overhead power reels'. A quantity has not been noted in the Ed specs. Additionally, the fit-out plan and schedule (E-7 & E-8) do not make any reference to overhead power reels. Please clarify requirement, quantity, and location. (BQ54)

    Response: See Addendum #2 section C Changes to the Educational Specifications. Item a.

25. **Question**: Please verify if the building shall be designed as an emergency shelter and/or refugee center that might upgrade the building to risk category IV. Otherwise we assume the building risk category is III. (BQ55)

    Response: This project shall be assigned Risk Category III. See performance specification section PS1030.00 Project Criteria.

26. **Question**: B3020.00 indicates that "spring-type vibration isolation curbs are required for all motorized rooftop equipment." Please advise as to whether this applies to the emergency generator, since compliance with the interior background noise levels is not required during testing of the emergency generator system per PS1030. Are the generator manufacturer's standard internal vibration isolators sufficient in lieu of the spring-type vibration isolation curbs? (BQ56)

    Response: See Addendum #3 section E Bidder's Questions, Requests for Information, and Responses, item 2.

27. **Question:** With respect to compliance with the state and local noise regulations, what equipment, if any, can we assume will not operate during nighttime hours between 10pm-7am? For example, can we assume kitchen makeup air units and kitchen exhaust fans would not operate between 10pm-7am? (BQ57)

    Response: It is the responsibility of the D-B to determine what equipment is required to operate to maintain the environmental conditions defined in performance specification section D3050.60 HVAC Design Parameters as well as other project requirements. The hours of operation for the Kitchen are 5:00am to 10:00pm. See the modification to the performance specification section PS1030.00 Project Criteria.

28. **Question**: The PDF file for the elevations DWG A201 was not prepared from AutoCad so we can not convert it back. Please send the bridging

design documents in DWG format. (BQ58)

Response: Find attached a [*.pdf] file of drawing A-201 Exterior Elevations made directly from AutoCAD. It is, except as noted elsewhere herein, otherwise unchanged. In accordance with NJ SDA practice [*.dwg] files will, with the appropriate disclaimers, be provided to only the selected D-B.

29. **Question**: Specification Section B2080.00 Exterior Wall Appurtenances calls for a recessed display case. Please provide the intended location for this case. (BQ59)

Response: See sheet A-201 Exterior Elevations, Detail 2, East Elevation – B mounted to the exterior of Stair #s 03 and 04 and the Exterior Maintenance Storage room.

30. **Question**: Drawing A-201 Exterior Elevations, graphically depicts exterior lettering on the South Elevation with wording "Union City Middle School", or (21) Letters. Specification Section B2080.00, Section II.D.3.d states to provide up to a fifty character allowance for each sign location. Please confirm if if we are to include an additional allowance of (29) illuminated letters at this location. (BQ60)

Response: Confirmed, include up to 50 characters at this location.

31. **Question:** Please confirm if the South Elevation per Elevation 1/A-201 is the only elevation with illuminated letters as shown. (BQ61)

Response: Confirmed. The building identification signage is limited to the location illustrated in sheet A-201 Exterior Elevations, Detail 1, South Elevation at 36th Street – A.

32. **Question**: Please advise if there are any other locations requiring exterior dimensional letter signage of stainless steel or aluminum lettering noted per Section II.D.2. (BQ62)

Response: The building identification signage is limited to the location illustrated in sheet A-201 Exterior Elevations, Detail 1, South Elevation at 36th Street – A.

33. **Question**: Specification section C1010.50 calls for an “electric” operable folding partition only for the Stage / Music room. Fit-out E-8 (SGI Rooms) shows a folding partition without a “P” designation on the schedule. Ed Spec C-6 does not indicate if the SGI folding partitions are

'manual' or 'electric'. Please clarify. (BQ63)

Response: The interior operable partitions between the paired Small Group Instruction rooms shall be electrically operated. See the revised performance specification section C1010.50 Interior Operable Partitions.

34. **Question**: Reference fit-out E-9 (Teacher Workroom). Table (TBL8) is shown as receiving P/D. Please clarify what is required quantity-wise for each table / 8 occupants. (BQ64)

Response: TBL8 does not require power or data. See the revised room layout and fit-out list E-9 Teacher Workroom.

35. **Question:** Reference fit-outs E-11a1, E-11a2, E-11b1, and E-11b2 (Cafetorium). The LSS1 (Local Sound System) cabinet cannot be located on the plan. Please show location. (BQ65)

Response: A local sound system is not required in the Cafetorium. The Cafetorium is serviced by the theatrical sound system located on the Stage. See the revised room layout and fit-out list E-11a2 Cafetorium (Dining) and E-11b2 Cafetorium (Assembly).

36. **Question**: Reference fit-out E-11a1 (Cafetorium). Barrier Free ADA stations have not been identified. Please add the additional barrier free areas and revise seating capacity / chairs as needed. (BQ66)

Response: 16 accessible dining surfaces have been identified. The dining capacity remains unchanged. See the revised room layout and fit-out list E-11a1 and E-11a2 Cafetorium (Dining).

37. **Question**: Reference fit-out E-11b1 (Cafetorium). A total of 2 Barrier Free ADA stations have been shown, however the note in front of the stage wall calls for 7 barrier free seats. Please add the additional barrier free areas and revise seating capacity / chairs as needed. (BQ67)

Response: There is no code requirement for the minimum quantity of wheelchair spaces in rooms utilized for assembly purposes with other than fixed seating. The wheelchair spaces have been deleted. The assembly capacity remains unchanged. See the revised room layout and fit-out list E-11b1 and E-11b2 Cafetorium (Dining).

38. **Question**: Reference fit-outs E-11a1, and E-11b2 (Cafetorium) along with drawing A101. Storage room A-115C is shown on the south side of

Chair / Table Storage A-115B. Graphically there appears to be something in this room hat is not identified or color coded in the fit-outs. Please clarify if anything in room A-115C needs to be provided by the GC. (BQ68)

Response: The element in room A-115C Storage room is utility storage shelving to be provided by the D-B. See the revised room layout and fit-out list E-11a1 Cafetorium (Dining) and E-11b1 and E-11b2 Cafetorium (Assembly).

39. **Question**: Reference fit-out E-11b1 (Cafetorium). Provide quantity of Power/Data/Audio ports required at the flooring in the rear of the room. (BQ69)

Response: The quantity of power, and data ports required in the floor at the rear of the Cafetorium is that sufficient to support the interface of the theatrical lighting and sound systems with their respective control consoles. An audio port is not required. In addition provide 1 duplex power outlet.

40. **Question**: Reference fit-out E-11b1 (Cafetorium). Provide quantity of Power/Data/Audio ports required at the east and west walls, including the quantity of Power/Data/Audio ports at each side of the low stage wall. (BQ70)

Response: The quantity of power and data ports required at the job-East and West walls of the Cafetorium is that sufficient to power and remotely control, via the theatrical lighting system, a follow spot light to be provided by the District. The quantity of power, data, audio, and video ports required at each of the 2 locations in the orchestra pit is described in performance specification section D6000.00 Communications, paragraph I.C.7.b.

41. **Question**: Reference fit-out E-11a1 (Cafetorium), and drawing A-801. Confirm if (P/D) for the cashier stations, and (P) for the 3 sets of S-10 beverage coolers should be via a floor box. (BQ71)

Response: Not confirmed, power and data for the point of sale systems and power for the beverage cooler shall be located in the wall between the interior coiling doors. The wall area has been increased to accommodate these services. See the revised drawings A-101 First and Second Floor Plans, A-801 Food Service Plan and Equipment Schedule, and others.

42. **Question**: Reference fit-out E-13, and drawing A-101. The (4) servery overhead

grille doors are spaced too close together which will conflict with the hood enclosure and motor above. Please review layout to enlarge the 12" wall between the OH grilles by reducing the 4 Overhead door grille widths, or provide 3 larger OH doors with a revised layout. (BQ72)

Response: The wall area between the interior coiling doors has been increased to accommodate the hood and operator. See the revised drawings A-101 First and Second Floor Plans, A-801 Food Service Plan and Equipment Schedule, and others.

43. **Question**: Reference fit-out E-13, and drawing A-101. No exit access door has been provided from the servery where the students would be lined up. This came up by the DCA on a previous school project as the OH grille is not considered an exit access door. Please review and reconfigure area as needed to get (1) exit access door. (BQ73)

Response: See drawing A-101 First and Second Floor Plans and Addendum #2 section C Changes to the Educational Specifications, item a.

44. **Question**: Please note the approved DOE stamped / Released drawings incorrectly note a "mezzanine" and a 5 story building. Per drawings A-101 thru A-103 there are a total of 6 floors without a mezzanine. Will revising the floor plan designations be an issue with the DOE once we submit for FEA? (BQ74)

Response: No, the NJ DoE Planning and Construction Standards for School Facilities neither differentiates between a mezzanine and a story, nor does it limit, with exception of facilities housing pre-school students, the quantity of stories in a facility.

45. **Question**: Reference fit-out E-12 (Stage / Instrumental Music). Item MDD1 'mobile interactive display device' is calling for P/D thru a floor box. Since this is a mobile item, advise where the floor box should be located. (BQ75)

Response: Locate the floor box centered in the proscenium opening, 12" from the Stage / Instrumental Music Room side of the operable partition.

46. **Question**: Reference fit-out E-12 (Stage / Instrumental Music). Is there a speakers podium at the Stage? If so should a floor box be provided? We see there is a conductors podium as part of the music room layout. Does the conductor's podium require power thru a floor box? (BQ76)

Response: Speaker's podium: See #79.

Conductor's podium: Power and data for the conductor's podium shall be located in the floor box provided for the mobile interactive display device.

47. **Question**: Reference fit-out E-12 (Stage / Instrumental Music). Does the electric keyboard (EKB1) require a floor box, or can power be provided from the rear stage wall? (BQ77)

Response: Power for the musical instruments may be provided on the rear wall of the stage. Provide 4 equally spaced duplex outlets. See the revised room layout and fit-out list E-12 Stage / Instrumental Music Room.

48. **Question**: Reference fit-out E-12 (Stage / Instrumental Music). Please identify the red color coded long rectangular item (untagged) that is located on either side of the rear stage wall. (BQ78)

Response: Delete the un-tagged red rectangular graphics located in the corners of the Stage / Instrumental Music Room. See the revised room layout and fit-out list E-12 Stage / Instrumental Music Room.

49. **Question**: Reference fit-out E-12 (Stage / Instrumental Music). Plan calls for P/D outlet on the backside of the proscenium wall and between the traveler curtain. Is this location practical since the curtain will be stacking on both ends? Please review. (BQ79)

Response: Sufficient space is available on the back-side of the proscenium for the power and data connections when the curtain if fully retracted. See the revised room layout an fit-out E-13 Stage / Instrumental Music Room.

50. **Question**: Reference fit-out E-12 (Stage / Instrumental Music). CWK1 calls for lower cabinets. This unit is too small to have any base cabinets and the area under the sink will be left open for barrier free access / knee clearance. Please confirm no base cabinets are to be provided. (BQ80)

Response: Relocate the sink and casework CWK1 to the job-Southeast corner of the Stage / Instrumental Music Room. See the revised room layout and fit-out list E-12 Stage / Instrumental Music Room.

51. **Question**: Reference Science Lab fit-outs (E-3a & 3b). There is a note on the bottom of the spreadsheet that reads "provide adequate power for an incubator to be placed on end of perimeter casework in ONE lab. Please clarify what the power requirements are. Also, since there are 6 Science Labs confirm which science lab (room #) is to receive the incubator along with a location. (BQ81)

Response: Power for the incubator is required in only room C-316 Grade 7 Science Lab. A dedicated 120v 20A duplex outlet is required. See the revised room layout and fit-out list E-3a&b Science Lab.

52. **Question**: Ed spec page (C-25) Gymnasium calls for 'a paper towel dispenser to be provided'. The Fit-outs E-15a, and E-15b do not show or call for a dispenser. Please confirm if required, who provides, and desired location. (BQ82)

Response: A paper towel dispenser is not required. See the room layout and fit-out list E-15a and E-15b Gymnasium. The Room Layout and Fit-out Lists take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

53. **Question**: Ed spec page (C-25) Gymnasium calls for 'lockable recessed display cases to be provided in Lobby adjacent to the Gymnasium. Neither the fit-outs or drawing A-101 show display cases at the first floor corridor. Please clarify. (BQ83)

Response: Lockable display cases in the lobby adjacent to the Gymnasium are not required. See drawing A-101 First Floor and Second Floor Plans. The Bridging Design Drawings take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

54. **Question**: Reference Gymnasium fit-out E15a. Advise if P/D for the Scorer's table can be provided from the wall behind the table, or if a floor box is required. (BQ84)

Response: Power and data on the adjacent wall is acceptable. Floor boxes for the scorer's table is not required.

55. **Question**: Reference Gymnasium fit-out E15a. The spread sheet notes that the (3) Climbing Ropes will be provided by the District. We believe this is a typo and the climbing ropes are to be provided by the D/B. Confirm, and provide BoD as specification section E1070.00 does not provide any information / model number. (BQ85)

Response: The climbing ropes are to be provided by the D-B. The Basis of Design is model 103 by Performance Sports Systems. See the revised room layout and fit-out lists E-15a and E-15b Gymnasium and performance specification section E1070.00 Entertainment and Recreational Equipment.

56. **Question**: Reference Gymnasium fit-out E15a. Is there a color coded stripping layout for the various linework, including the perimeter area outside of the main basketball court, a school logo, etc. that we should be aware of? (BQ86)

Response: No, neither the color of the striping nor the school logo have been selected. Include up to 4 colors of striping. See the revised performance specification C2000.00 Interior Finishes. The requirements for the logo are described in performance specification section C2000.00 Interior Finishes, paragraph I.F.7.

57. **Question**: Reference Gymnasium fit-out E15a. The (3) ancillary practice basketball courts are shown extending almost to the face of the wall, and the closed bleachers. Please note the length of these 3 ancillary courts will need to be reduced for safety purposes. (BQ87)

Response: The length of the ancillary basketball courts has been shortened. See the revised drawing AF-101 First Floor and Second Floor Interior Finish Plans and room layout and fit-out E-15a and E-15b Gymnasium, both attached.

58. **Question**: Reference Gymnasium Assembly fit-out E15b. Where does the Owner plan on storing the 752 chairs during a non-assembly layout? Storage rooms A-110D and A-110E show MSS2 metal storage shelving to store gymnasium gaming equipment. Are these rooms adequately sized to receive chair dollies? How would someone access gym equipment if there are a large number of chair dollies in these rooms? Please review. (BQ88)

Response: The SCH4 Stackable Chairs are illustrated in the Gymnasium are not stored on-site. Storage is not required. See the revised room layout and fit-out list E-15a and E-15b Gymnasium, attached.

59. **Question**: No basis of design is provided for the wall pull-up bars in spec section E1070.00. Please provide. (BQ89)

Response: The basis of design is Porter Model 00196-013 (Or Approved Equal). See the revised performance specification section E1070.00 Entertainment and Recreational Equipment.

60. **Question**: Reference Gymnasium fit-out E15a. Please confirm that only (1) set of recessed volleyball flooring sleeves are required for the Main Volleyball court and the 3 ancillary volleyball courts do not require recessed floor sleeves. (BQ90)

Response: Confirmed, only 1 pair of floor sockets for the primary volleyball court are required. Secondary volleyball courts will be provided portable nets by the District.

61. **Question**: Can an extension be issued for the RFP due date submission? (BQ91)

Response: See Addendum #2 section E Bidder's Questions, Requests for Information, and Responses, item 3.

62. **Question**: Please provide the following drawings that were not included with the bridging documents – A-601, A-602, and A-603, as well as applicable specifications. Current specifications note to be issued by Addendum. (BQ92)

Response: See Addendum #2 section B Changes to the Project Manual, item 2.a. and section D Changes to the Drawings, item b.

63. **Question**: Per FPA Utility Investigation and Analysis Report, the electrical service is provided through overhead utility wiring. Due to the presence of the existing poles directly adjacent to the proposed school facility site, it may become necessary to relocate the existing pole lines. Please confirm that all costs to relocate this existing utility service will be paid by the SDA or compensated through an Allowance. (BQ93)

Response: The D-B shall be responsible to contact, schedule and coordinate with the utility the relocation of the remaining overhead electrical power distribution affecting the project. The NJ SDA will pay the utility directly for their costs.

64. **Question**: Per FPA Utility Investigation and Analysis Report, the Telephone (Verizon) is provided through overhead and underground wiring and CATV/Internet (Altice) service is provided through overhead wiring. Due to the presence of the existing poles directly adjacent to the proposed school facility site, it may become necessary to relocate the existing pole lines. Please confirm that all costs to relocate these existing utility service will be paid by the SDA or compensated through an Allowance. (BQ94)

Response: The D-B shall be responsible to contact, schedule and coordinate with the utilities the relocation of the remaining overhead telecommunication distribution affecting the project. The NJ SDA will pay the utilities directly for their costs.

65. **Question**: In reference to Section A6020.20 Radon, Section 1-A,5, Confirmation is requested that in the event an active RM/SSDS system becomes necessary at any point in time, the SDA will make and pay for all necessary conversions. (BQ95)

Response: Confirmed, in the event an active radon mitigation / sub-slab depressurization system becomes necessary the cost of the conversion of the passive system is a change to the scope of services and work. See modification to Specification Section A6020.00 Radon and Vapor Intrusion Mitigation, modify paragraph I.A.5.

66. **Question**: Please confirm that the contractor is not responsible for any permit fees including the building permits' fees. (BQ96)

Response: Not confirmed, the NJ SDA's responsibility is limited to plan review, permit and inspection fees payable to the NJ DCA. The D-B is responsible for all other permit, approval, license, government, and inspection fees by any other Authority Having Jurisdiction over the Project. See the D-B agreement Section 3.6.1.

67. **Question**: Please confirm that all testing and inspections will be performed by a third-party company hired and paid by the Owner/NJSDA. (BQ97)

Response: Confirmed, the NJ SDA's Construction Manager is responsible to pay the fees for special inspectors for the project. See the D-B agreement Section 3.6.1.

68. **Question**: Please confirm that all road closure and traffic control fees by the Union City police will be scheduled, hired, and paid for by the Owner/NJSDA. (BQ98)

Response: Not confirmed, the D-B is responsible for all permit, approval, license, government, and inspection fees by any Authority Having Jurisdiction over the Project, other than the fees payable to NJ DCA for plan review, permits and inspections. See the D-B agreement Section 3.6.1.

69. **Question**: Please confirm that any Sewer Authority or NJDEP sanitary sewer connection and or application fees will be paid by the Owner/NJSDA. (BQ99)

Response: Not confirmed, the D-B is responsible for all permit, approval, license, government, and inspection fees by any Authority, other than the NJ DCA, Having Jurisdiction over the Project. See the D-B agreement Section 3.6.1.

70. **Question**: Information regarding the Project Schedule differs from what is indicated in Volume 1 or 3, "Project Summary", page PS-1, paragraph 3.0; and Volume 1 of 3, "Request for Proposals" page 3. Further, Specification Section 01010 "Summary of Work", paragraph 1.6 notes dates for Substantial Completion and Final Completion from "Commence Date" in calendar days. Please advise which is correct. (BQ100)

Response: The information provided in the Design – Build Information Package, including the Anticipated Schedule for Commencement and Completion of the Project in the Request for Proposal and the contract time in procedural specification section 01010 Summary of Work, supersedes that provided in the Request for Qualifications, including the project schedule in paragraph 3.0 of the Project Summary. The Design Build Agreement measures the Contract Time in calendar days, see Section 1.19.

71. **Question**: Volume 1 of 3, "Requests of Proposals", page 35 and 36, Section 7, paragraph (5) notes targeted minority and women employment goals in "Union County". Please confirm goals listed for Hudson County. (BQ101)

Response: Section 7.(5). – Award Requirements of the Request For Proposals (RFP) shall be modified as follows: The State has established targeted minority and women employment goals for the determination of good faith and equal opportunity efforts by Construction Contractors and subcontractors. The targets for construction contractors and subcontractors in ~~*Union*~~ **Hudson** County are:

Category	Minority %	Women %
Asbestos worker	~~*45*~~ **60**	6.9
Bricklayer or Mason	~~*45*~~ **60**	6.9
Carpenter	~~*45*~~ **60**	6.9
Electrician	~~*45*~~ **60**	6.9
Glazier	~~*45*~~ **60**	6.9
HVAC Mechanic	~~*45*~~ **60**	6.9
Iron Worker	~~*45*~~ **60**	6.9
Operating Engineer	~~*45*~~ **60**	6.9
Painter	~~*45*~~ **60**	6.9
Plumber	~~*45*~~ **60**	6.9
Roofer	~~*45*~~ **60**	6.9
Sheet Metal Worker	~~*45*~~ **60**	6.9
Sprinkler Fitter	~~*45*~~ **60**	6.9
Steamfitter	~~*45*~~ **60**	6.9
Surveyor	~~*45*~~ **60**	6.9

Tiler	~~45~~ **60**	6.9
Truck Driver	~~45~~ **60**	6.9
Laborer	~~45~~ **60**	6.9

72. **Question**: Drawing A-201 has many call-outs with the description of B5404.40.A, however it is not listed on the Legend and there is no such specification section. This appears to be calling out intended locations for exterior lighting. Please confirm the description and advise on the correct specification section. (BQ102)

    Response: The correct reference is to D5040.40, A. See the revised drawing A-201 Exterior Elevations, attached.

73. **Question**: Reference fit-outs E-16, E-18, E-19, E-21, E-24, E-30, E-31, E-32, E-34, E-35, E-36, and E-37. Spreadsheet does not list P/D for the administrative desks. Clarify if P/D is to be provided at the adjacent wall. (BQ103)

    Response: See items MDU2 Teacher's Mobile Device and TEL1 Telephone Handset in the respective fit-out lists. Power and data are required for the telephone and computer on the desk, not for the desk itself. Power and data for these items shall be located in the adjacent wall.

74. **Question**: Reference fit-out E-18 (OTPT/Sensory Room). Provide more information on the 'tactile wall panel' that is to be provide by the D/B. Volume 2 and the Ed Specs do not provide any info on this item. (BQ104)

    Response: The basis of design is Abstract Tactile Panel Model No. 20940R as manufactured by Flag House (Or Approved Equal). See the revised performance specification E1040.10 Educational and Scientific Equipment.

75. **Question**: Ed Spec sheet C-30 (Dance Studio) notes to "provide built-in bench with storage below" Please provide more information on this item. We could not find this in the fit-out or the spreadsheet. (BQ106)

    Response: The requirement for a "built-in bench with storage below" noted in page C-30 Dance Studio of the Ed Spec shall be met with BNC1 Bench with Storage Below in room layout and fit-out list E-19 Dance Studio. See C1090.70, II.5. BNC2 Accessible Bench is no longer required to include storage below. Both items shall be provided by the D-B. See the revised room layout and fit-out list E-19 Dance Studio and performance specification section E1070.00 Entertainment and

Recreational Equipment.

76. **Question**: Reference fit-out E-20 (Vocal Music Room) and Ed Spec Sheet C-32. The fit-out and Ed-specs call for and show folding portable risers. Who provides these risers? These do not appear to be fixed which leads to the question, where are they stored? (BQ107)

Response: The portable risers will be provided by the NJ SDA. See the revised room layout and fit-out list E-20 Vocal Music Room, attached. On the rare occasion the risers are not in-use they will be stored in rooms C-400D, C-400E, C-400F, C-400G, or C-400H Storage (unprogrammed).

77. **Question**: Reference fit-out E-22 (Media Center). An interior glazed partition is shown behind the circulation desk, and behind CWK3. Do the loose FFE items, and millwork we do 'not' assume the glazing extends to the floor. Please provide the desired sill elevation above finished floor (taking into account power for the coffee machine, microwave, etc) and how far up the glazing extends at the head. The room in noted to receive a 20'-0" ACT ceiling. (BQ108)

Response: The glazed portion of the partition shall extend from 48" above the floor to the ceiling. See the revised room layout and fit-out E-22 Media Center, attached. The elevation of the ceiling in room C-528 Media Center is 12ft. above the floor.

78. **Question**: Reference fit-out E-22 (Media Center). Are floor boxes with P/D required anywhere in this room (ie: circulation desk, around any loose furniture in the café area, etc.. If so provide desired location and quantity. (BQ109)

Response: No floor boxes are required in room C-528 Media Center.

79. **Question**: Reference fit-out E-22 (Media Center). Confirm that the conference room (book club) tables do NOT require P/D at the floor. (BQ110)

Response: Confirmed, no floor boxes are required in room C-528A Conference Room.

80. **Question**: Reference fit-out E-23 (Technology Lab). Does each row of the student computer tables require a floor box for P/D, or can we assume that P/D will be provided at the wall adjacent to the first computer desk station? (BQ111)

Response: Power and date on the adjacent wall is acceptable. Floor boxes for individual student computers are not required.

81. **Question**: Reference fit-out E-23 (Technology Lab). The teachers podium located in front of IDD1 is not listed in the spreadsheet. Does this item require P/D? If so can it be via the adjacent wall? (BQ112)

Response: Yes, the teacher's podium requires power and data. See the revised room layout and fit-out list E-23 Technology Lab, attached. Yes, the power and data for the mobile teacher podiums shall be located on the nearest adjacent wall.

82. **Question**: Reference fit-out E-24. Can the P/D for the computers, printer, telephone, etc. at the security desk be provided from the adjacent wall below the transaction window, or are floor boxes required? (BQ113)

Response: Yes, power and data for the technology on the security desk shall be located on the adjacent wall below the transaction window. Floor boxes are not required.

83. **Question**: Reference fit-out E-24. Is the flag holder it he ECC necessary? Not shown on the plan but called for in spreadsheet. (BQ114)

Response: No, a flag holder is not required, See the revised room layout and fit-out list E-24 Main Entrance / Security / ECC, attached.

84. **Question**: Reference fit-out E-24. Due to dual level counters at the security desk, and the location of the printer, the transaction window appears to be un-usable from the security person's side. The lower security desk counter is 34" and the window sill will be set at a similar height to meet ANSI heights for barrier free access. This would leave a portion of the sliding window in conflict with the printer, and the higher counter. Please review. (BQ115)

Response: See the revised drawings A-101 First Floor and Second Floor Plans and AF-101 First Floor and Second Floor Interior Finish Plans and room layout and fit-out E-24 Main Entrance / Security, ECC and Attendance Office, all attached.

85. **Question**: Reference fit-out E-28. DSK1 calls for P/D whereas DSK3 does not. Please clarify. (BQ116)

Response: See items COM2 Administrative Computer, PRT2 Administrative MFP Printer w/ Fax, and TEL1 Telephone Handset. Power and data are required for the technology on the desk, not for the desk itself. See the revised room layout and fit-out list E-28 Nurse's Office,

attached.

86. **Question**: Reference fit-out E-28. CWK5 calls for a water cooler. Is this located above or below the counter? Who provides? (BQ117)

Response: A freestanding bottled water cooler will be provided by the District. See the revised room layout and fit-out list E-28 Nurse's Office, attached.

87. **Question**: Reference fit-out E-28. Isolation Room shows what appears to be an 'oxygen tank', and Exam room closet shows an 'evac chair' . Who provides these items? (BQ118)

Response: Both the oxygen tank and evacuation chair will be provided by the District. See the revised room layout and fit-out E-28 Nurse's Office, attached.

88. **Question**: Ed Spec sheet C-40 calls for "a screen around nurses desk to control private consultation". The Fit-out shows 2 administration desks without a reference to screen. Please clarify if a screen is required and provide additional information. (BQ119)

Response: A screen is not required. See the room layout and fit-out list E-28 Nurse's Office. The Room Layout and Fit-out Lists take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

89. **Question**: Reference fit-out E-28, and specification section D2010.60 (II.I.2). The BoD shower requires a 40" x 64" clearance. What is drawn in the DBIP is a 30" x 60" shower. Using the BoD would need to enlarge toilet room into the lobby by about 12". Please confirm this is acceptable or provide an alternate BoD for the shower. This looks to be the only shower on the entire project. (BQ120)

Response: The basis of design has been deleted. The D-BIP now relies upon the salient physical, functional, and performance requirements. The D-B is free to select any product that meets or exceeds these requirements, including size. See the revised performance specification section D2010.60 Plumbing Fixtures.

90. **Question**: Ed Spec sheet C-23, and drawing A-301 call for and show the Proscenium wall as being 18 feet high. The Stage is set at 2'-6" above the floor which puts the top of the proscenium wall at 20'-6", however drawing A-101 notes the Cafetorium to have a ceiling height of 20'-0".

Please review and clarify. (BQ121)

Response: The ceiling in room A-115 Cafetorium shall be 20'-0" above the floor of the Cafetorium. The floor of room A-112 Stage / Instrumental Music Room shall be 2'-6" above the floor of the Cafetorium. The head of the opening in the proscenium shall be 16'-0" above the floor of the Stage (18'-6" above the floor of the Cafetorium). See the revised drawing A-301 Building Sections, attached. The revised drawings take precedence over the Educational Specifications. See the revised D-B Agreement, paragraph 25.3.

91. **Question**: Reference fit-out E-29. Please provide quantity of mail slots in Work Room for CWK12. (BQ122)

Response: 42 mail slots (6 columns x 7 rows) are required in room B-210B Workroom. Mail slots shall accommodate letter size paper horizontally. See revision to performance specification Section C1090.70 Storage Specialties, paragraph II.F.1.b. in addition to the revised room layout and fit-out E-29 Main Office Reception, Workroom, and Records and Test Storage, attached. In addition:
144 mail slots (8 columns x 18 rows) are required in room B-210 Main Office Reception. See Revised E-29, attached.
No mail slots are required in rooms C-308, C-408, and C-508 Teacher Workroom.

92. **Question**: Reference fit-out E-29. The spreadsheet does not call for P/D for the (4) administration workstations. Please clarify. (BQ123)

Response: See items COM2 Administrative Computer and TEL3 Administrative Telephone Handset. Power and data are required for the technology on the desk, not for the desk itself.

93. **Question**: Reference fit-out E-29. The floor plan shows (5) TKB4 tackboards, however the spreadsheet calls for (4) TKB4 tackboards. Please clarify. (BQ124)

Response: The 5th TKB4 Tack-board is captured in the fit-out list for room B-210B Main Office Workroom.

94. **Question**: Reference fit-out E-29. The (2) TBL9 tables are not shown on the floor plan, but called for in the spreadsheet. Please clarify. (BQ125)

Response: The 2 TBL9 Table are not required. See the revised room layout and fit-out list E-29 Main Office Reception, Workroom, and Records and

Test Storage, attached.

95. **Question**: Reference fit-out E-29. The plan shows MSS1 metal shelving in what is noted as an IDF closet, whereas drawing A-101 lists this room as "building services". Please clarify. (BQ126)

Response: The room labeled "IDF Closet" in room layout and fit-out list E-29 Main Office Reception, Workroom, and Records and Test Storage has been set aside to accommodate building services. MSS1 Metal Storage Shelving is not required. See the revised room layout and fit-out list E-29 Main Office Reception, Workroom, and Records and Test Storage, attached.

96. **Question**: Reference fit-out E-29. The "Records and Test Storage Room" housing FLC2 and FLC4 lateral filing cabinets in not accounted for in the spreadsheet. Please clarify. (BQ127)

Response: A fit-out list for room B-210F Records & Test Storage has been provided. See the revised room layout and fit-out list E-29 Main Office Reception, Workroom, and Records and Test Storage, attached.

97. **Question**: Reference fit-out E-29. The plan shows a "pair of outswinging" doors from the reception opening into the fire rated elevator lobby (due to the high rise). Drawing A-101 calls for ID-38 doors which look to be overhead door types. Please note if the outswinging doors are to be eliminated, these overhead doors would need to be fire shutters to the floor. (BQ128)

Response: The configuration illustrated in drawing A-101 First Floor and Second Floor Plans is correct. No adjustment of the furniture is necessary. The Bridging Design Drawings take precedence over the Room Layout and Fit-out Lists. See the revised D-B Agreement, Section 25.3.

98. **Question**: Reference fit-out E-33. Is P/D required for the 2 conference room tables via a floor box? Quantity? Please clarify. (BQ129)

Response: No, floor boxes are not required in room B-210D Main Office Conference Room.

99. **Question**: Emergency Generator Noise Rating (Spec Section: D5010.10 Facilities Power Generation) Is it acceptable to use a generator that is louder than 72 dB(A) at 7 meters, provided that it still meets the applicable limits of the NJDEP noise regulation? (BQ130)

Response: Yes, a maximum overall sound level of 72dBA @ 7m is not required subject to conformance with the other project requirements including but not limited to the applicable regulations.

100. **Question**: Finish Style and Color Requirements (Spec Section: C2000.00 Interior Finishes / Dwg #AF-101, 102, & 103) 1. What are the Style and Color Requirements for base type RB-1 shown in Rooms A-005, A-112A, and C-400C? 2. What are the Style and Color Requirements for the Resilient Flooring type RES-1 shown in Rooms A-111, A-111A, A-111B, A-111C, and A-111D? (BQ131)

Response: 1. The base finish in rooms A-005 Emergency Control Center, A-112A Stage Storage, and C-400C Corridor shall be VB-1. See the revised drawings AF-101 First Floor and Second Floor Interior Finish Plans and AF-102 Third Floor and Forth Floor Interior Finish Plans. 2. Floor finish RES-1 shall be RFE-1. See the revised performance specification section C2000.00-1 Interior Finishes and drawing AF-101 First Floor and Second Floor Interior Finish Plans, both attached.

101. **Question**: Is there any special floor vibration criteria for the Stem/Robotics lab that the floor structure needs to meet? (BQ132)

Response: See addendum #2 Modifications to the Project Manual, item 2.e. Table PS1030.00-1 Acoustic Performance Criteria requires an Impact Isolation Class rating of 40 when located over another sensitive space.

102. **Question**: Specification section C2000.00 (II.G.3.c) makes reference to WWF-1 surface material for BlackBox Theater. Please confirm this is not a project requirement. (BQ133)

Response: See Addendum #3, section E Bidder's Questions, Requests for Information and Responses, item 13.

103. **Question:** Specification section E1040.10 (II.B.1) does not provide a Basis of Design for the Fume Hood. Please provide. (BQ134)

Response: The Basis of Design for the fume hoods is Labconco Model #160404102. See the revised performance specification section E1040.10 Educational and Scientific Equipment.

104. **Question**: Specification section F1020.40 (IV.L) calls for Growth Lights. No information is provided. Please clarify. (BQ135)

Response: Provide high pressure sodium lighting controlled by the environmental control unit to provide a photosynthetic photon flux density of 375 umol/m^2/s average on a surface 2'-8" above the entire Environmental Science Lab floor area, with a 300 umol/m2/s minimum and 4:1 maximum : average ratio. Basis of design: Hydrofarm Phantom 50 Series. See the revised performance specification section F1020.40 Manufacturer Engineered Structures.

105. **Question**: Reference drawing A-103. How is access to the roof over exterior Stair ST-03 to be provided? A wall mounted ladder will be visible from the outdoor area. (BQ136)

Response: No serviceable HVAC equipment is located on this roof. A roof stair, roof ladder, or door to this roof is not required.

106. **Question**: Reference drawing A-101. How is access to the roof between Stairs ST-03 and ST-04 to be provided? (BQ137)

Response: No serviceable HVAC equipment is located on this roof. A roof stair, roof ladder, or door to this roof is not required.

107. **Question**: Per Grading Plan C-201 the exterior door elevation at the Kitchen receiving (ED-02 and ED-14) is 175.85 with the main FFE of the school at 176.85 (12" higher). First Floor Plan on A-101 shows the freight elevator having a front and rear hoistway opening. The second floor of the freight elevator does not show a rear hoistway opening. Is the rear hoistway opening a necessity considering the ramp to access the kitchen / school is adjacent? The travel distance for the elevator would be 1 foot. (BQ138)

Response: Yes, the hoist-way opening to room A-116 Food Service Kitchen is required.

108. **Question**: Specification section D5040.30 (II.A.16.a(2)) notes that the Media Center is to receive direct/indirect pendants with the bottom of the fixture at 12 feet, however the ceiling height of the Media Center per drawing A-103 is noted as 12'-0". The bottom of the pendants would need to be lowered. Please advise. (BQ139)

Response: Locate the bottom of the pendants at 10ft. above the floor. See the revised performance specification section D5040.30 Interior Lighting.

109. **Question**: Specification section C1090.70 calls for a floor mounted safe which per the BoD is 20" deep. Considering the Principals Office is on the

2nd floor this is not feasible. Please advise. (BQ140)

Response: The safe is surface mounted to the floor. See the revised room layout and fit-out list E-30 Principal's Office, attached.

110. **Question**: Specification section C1090.70 (II.D) Closet Specialties calls for "Fixed wood shelving and metal hanger rods at coat closets". Upon our review, the only closets we can find are in the Nurses Exam Room, and the odd shaped closet within the Media Center. The Nurses closet per the Fit-out stores equipment, and nothing is noted in the Media Center Closet. Please advise what is to be provided with respect to the requirements of C1090.70 (II.D) Closet Specialties. (BQ141)

Response: Closet specialties are not required. See the revised performance specification section C1090.70 Storage Specialties.

111. **Question**: Specification section C1090.70 (II.D) Closet Specialties calls for "Adjustable Wood Shelving at Storage Closets". Upon our review, we found (7) storage rooms which were not listed in the fit-outs. These are as follows: A-115C, C-400D, C-400E, C-400F, C-400G, C-400H, and S-100. Please advise if any shelving (metal MSS), or (wood) is to be provided in these 7 rooms, and show layout. (BQ142)

Response: A-115C: See #68.
C-400D, C-400E, C-400F, C-400G, C-400H, and S-100: No metal shelving is required.

112. **Question**: Project Manual Att 3.02 - Geotech Report (Spec Section: G0000.00 Element G Sitework) Project Manual Attachment 3.02 FPA 01-07-22 Geotechnical Report pg.3 states that "additional test pits will be performed at Block 218, Lots 15, 16. 44 and 45 upon demolition of the existing structures currently occupying those properties." Please confirm that the geotechnical data pertaining to these additional test pits will be provided by addendum to the Bidders prior to the Bid submission date. (BQ143)

Response: Not confirmed, no additional test pits will be performed. Bidders shall anticipate a depth to bedrock of 8 feet for Block 218, Lots 15, 16, 44 and 45. Additional excavation on these lots, if necessary, are included in the Sub-surface Conditions Allowance.

113. **Question**: LEED - WEc2 Laundry Facilities (Spec Section: PS1030.00 Project Criteria) Per the NJSDA project criteria, the district has indicated a willingness to utilize ENERGY STAR rated laundry, kitchen, and lab equipment as optional sustainable design features. Does the district

plan to have on-site laundry capable of washing at least 120,000 pounds of clothes annually? (BQ144)

Response: No, laundry facilities are included in the project.

114. **Question**: Casework CWK3 in the Media Center as shown on Room Layout (Dwg. E-22) shows to be around 16' Long. However, the fit-out list indicates that Casework CWK3 is supposed to be 3' Long. What are the correct dimensions for Casework Type CWK3 in the Media Center? (BQ146)

Response: CWK3 Counter w/ Sink and Lower Cabinets shall be approximately 16ft. long. See the revised room layout and fit-out list E-22 Media Center.

115. **Question**: On the SCSE Room Layout E-2b, the fit-out list states that the contractor should provide three 4x4 tack boards and two 6x4 tack boards. However, the Room Layout Plan shows two 4x4 tack boards and three 6x4 tack boards. How many 4x4 and 6x4 tack boards are supposed to be installed in these SCSE Rooms? (BQ147)

Response: 2 TKB4 Tack-boards (4ft) and 3 TKB6 Tack-boards (6ft) are required. See the revised room layout and fit-out list E-2b SCSE Classroom.

116. **Question**: The Environmental Science Lab room layout plan (Dwg. E-7) shows that the contractor should install an 8x4 White Marker Board and a 12x4 White Marker Board. However, the fit-out list states that the contractor should provide two 8x4 White Marker Boards. Please clarify which type of White Marker Boards are required in the Environmental Science Lab? (BQ148)

Response: 1 MWB12 Marker-board (12ft) is required. See the revised room layout and fit-out list E-7 and E-7a Environmental Science Lab.

117. **Question**: The stem/robotics lab room layout plan (Dwg. E-6a) shows that the contractor is supposed to provide the CNC Router (24" x 36"). However, the fit-out list states that the SDA tech provides the CNC Router. Please clarify who is providing the CNC Routers for the Stem/Robotics Lab. (BQ149)

Response: The CNC router will be provided by the NJ SDA. No Basis of Design will be identified.

118. **Question**: Specification section B2010.00 (II.A.10.d) notes “Tremco ExoAir 220” as the BoD. Please advise if the “Tremco ExoAir 230, and the

Tremco ExoAir 430 with integral USG Securock Panels" can be used. The ExoAir 230 would be used at the CMU back-up walls, and the ExoAir 430 with the integral USG Securock panels would be used at the areas with backup CFMF. (BQ150)

Response: The use of the Tremco Securock ExoAir430 integrated gypsum sheathing panel with factory applied fluid air barrier membrane system is acceptable subject to the submission of calculations ("WUFI analysis") confirming hygrothermal performance which meets or exceeds the basis of design.

119. **Question**: Reference is made to the A-102 and A-103 Floor Plans with respect to the Water Coolers / Bottle Fillers. Some water coolers are dual station and some are single station. Regardless of type, these are not recessed in an alcove, and are not shown with side wing walls. Without an alcove, or side wing walls these are considered "Protruding Objects" per ANSI 307 as they are in the corridor circulation path and would not de detectable by a cane due to the height of the drinking fountain. The detectable cane range is set at 27" or below. Because the knee space below the water cooler must be "at least 27 inches" above the floors it is impossible to install these water coolers with leading edges at 27" without having to provide a barrier or alcove. This is clearly noted in the ANSI A117.9 Commentary with examples under section 307.1. Please review the water coolers at the 3rd, 4th, 5th, and 6th floor plans located within the circulation path to see where an alcove or wing walls can be added and review against the minimum required corridor width if an alcove is not provided. Some look to be in violation of NJAC 6A:26-6.3(C.4). (BQ151)

Response: The water coolers have been relocated into alcoves. See the revised drawings A-101 First Floor and Second Floor Plans, A-102 Third Floor and Forth Floor Plans, A-103 Fifth Floor, Sixth Floor, and Roof Plans, and others. The Bridging Design Drawings take precedence over the Schematic Design Drawings. See the revised D-B Agreement, Section 25.3.

120. **Question**: Reference is made to Fit-out E-19 (Dance Studio). The spreadsheet notes the width of the projection screen (PRS1) as 48" wide. Please confirm this is correct. (BQ152)

Response: A 72" wide x 48" high minimum viewing area is required. See the revised room layout and fit-out list E-19 Dance Studio, attached.

121. **Question**: Reference is made to Table C2000.00-3 (Interior Wall Finishes) and Ed Spec Page B-10 (Room Finish Schedule). Confirm that only the

"wet walls" (which are the walls behind the urinal / water closet, and behind the lavatory / sinks) are to receive Ceramic Tile up to the ceiling with all other walls to receive Epoxy paint. (BQ153)

Response: Confirmed, CTG-1 Ceramic Tile is required on only those wall behind plumbing fixtures. Other walls are to receive EP-1 Epoxy Paint.

122. **Question**: Reference is made to spec section C1010.00 (II.A.2.a), and Ed Spec Room Finish Schedule pages B-7 thru B-11. Spec section notes that the interior partitions can be left at the design-builders option (drywall or masonry), whereas the Ed spec notes that "masonry walls" are required for some rooms. Please clarify what governs. (BQ154)

Response: The exterior wall interior skin and interior fixed partitions are required to be constructed of unit masonry where required by pages B-7 to 11 Room Finish Schedule in the Ed Spec. anything not covered in the schedule is at the discretion of the design-builder. See the revised performance specification section C1010.00 Interior Partitions.

123. **Question**: Reference is made to Ed Spec Room Finish Schedule pages B-8 (Dance Studio). The north and south walls will be masonry (due to corridor), however clarify if the wall separating the Dance Studio from the 2 adjacent Changing Rooms can be framed construction. (BQ155)

Response: The interior partitions between rooms C-329 A and C-329B Changing Rooms and room C-329 Dance Studio may be, at the D-B's discretion, constructed of either of gypsum board and metal framing or unit masonry.

124. **Question**: Reference is made to A-101 and specification section D5040.20 (II.A.9.a.(3)). The spec notes a ceiling height of 18'-0" for the Cafetorium, whereas the drawing A-101 calls for 20'-0" ceiling please clarify. (BQ156)

Response: The correct reference is D5040.30. Regarding the height of the ceiling in room A-115 Cafetorium see response to Question No. 89, above, in addition see the revised performance specification section D5040.30 Interior Lighting.

125. **Question**: Reference is made to specification section D5040.20 (II.A.9.a.(2)). The spec notes the bottom of the Cafetorium Pendant fixture to be at 12'-0" above finished floor. NJAC 6A:26-6.3(B.7) notes the height of the ceiling 'or other obstruction' in a Cafetorium shall be 18 feet. Confirm you have reviewed the 12'-0" pendant fixture height with DOE and this is acceptable as the fixture can be construed as an

obstruction. (BQ157)

Response: The pendant fixtures shall be mounted 18'-0" above the floor of room A-115 Cafetorium. See the revised performance specification section D5040.30 Interior Lighting.

126. **Question**: Reference is made to specification section D5040.20 (II.A.9.a.(2)), and specification section C2000.00(II.C.1.a and c)). The interior finish spec calls for 'ceiling mounted acoustical reflective panels, as indicated' in the Cafetorium. Please advise at what height above the finish floor should the bottom of the reflective panels be set at, and kindly provide a Basis of Design. Please note that NJAC 6A:26-6.3(B.7) notes the height of the ceiling 'or other obstruction' in a Cafetorium shall be 18 feet. Confirm you have reviewed the reflective panels with DOE and this is acceptable as the panel can be construed as an obstruction. (BQ158)

Response: The ceiling mounted acoustical reflective panels shall be mounted with their low point 18'-0" above the floor of room A-115 Cafetorium. See the revised drawing A-301 Building Sections, attached. No basis of design will be provided for the ceiling mounted acoustical reflective panels. The D-BIP establishes the salient physical, functional, and performance requirements. The D-B is free to select any product that meets or exceeds these requirements.

127. **Question**: Reference is made to A-102 and A-201. The Hydroponics Lab C-425 is noted as having a window with (6 equal) segments on A-102, however elevation B shows (4 equal) segments. Clarify. (BQ159)

Response: The exterior window in room C-425 Hydroponics Lab is configured as 6 fixed sections and 4 operable sections. See drawing A-201 Exterior Elevations, detail 2 East Elevation – B. See the revised drawing A-102 Third Floor and Fourth Floor Plans, attached.

128. **Question**: Reference is made to E2010.00 (II.A.1), (II.A.2), and (II.A.3), and Ed Spec page C-13 (Hydroponics). The Hydroponics Lab will receive 1% open solar shades, however the Ed spec calls for 'provisions to darken room'. Please clarify if "Blackout shades" are also required in addition to the solar shades for the Hydroponics lab. (BQ160)

Response: Black-out shades are not required in room C-425 Hydroponics Lab. See performance specification section E2010.00 Fixed Furnishings. The Performance Specifications take precedence over the Educational Specifications. See the revised D-B Agreement, paragraph 25.3.

129. **Question**: Reference is made to E2010.00 (II.A.1), (II.A.2), and (II.A.3), and Ed Spec pages C-15 and C-12 (Art Rooms). The Art Rooms will receive 1% open solar shades, however the Ed spec calls for 'provisions to completely darken room'. Please clarify if "Blackout shades" are also required in addition to the solar shades for the Art Labs. (BQ161)

Response: Black-out shades are not required in rooms C-421, C-422, and C-423 Art Room. See performance specification section E2010.00 Fixed Furnishings. The Performance Specifications take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

130. **Question**: Reference is made to E2010.00 (II.A.1), (II.A.2), and (II.A.3), and Ed Spec page C-34 (Media Center). The Media Center will receive 1% open solar shades, however the Ed spec calls for 'provisions to completely darken room'. Please clarify if "Blackout shades" are also required in addition to the solar shades for the Media Center. (BQ162)

Response: Black-out shades are not required in room C-528 Media Center Reading Room / Stacks. See performance specification section E2010.00 Fixed Furnishings. The Performance Specifications take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

131. **Question**: Reference is made to E2010.00 (II.A.1), (II.A.2), and (II.A.3), and Ed Spec page C-46 (Conference Room). Conference Room B-210D will receive 1% open solar shades, however the Ed spec calls for 'room darkening'. Please clarify if "Blackout shades" are also required in addition to the solar shades for Conference Room B-210D. (BQ163)

Response: Black-out shades are not required in room B-210D Main Office Conference Room. See performance specification section E2010.00 Fixed Furnishings. The Performance Specifications take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

132. **Question**: Reference is made to E2010.00 (II.A.1), (II.A.2), and (II.A.3), and Ed Spec page C-50 (Conference / Testing Room). Conference /Testing Room B-211G will receive 1% open solar shades, however the Ed spec calls for 'room darkening'. Please clarify if "Blackout shades" are also required in addition to the solar shades for Conference / Testing Room B-211G. (BQ164)

Response: Black-out shades are not required in room B-211G Conference /

Testing Room. See performance specification section E2010.00 Fixed Furnishings. The Performance Specifications take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

133. **Question**: Reference is made to E2010.00 (II.A.3), and Fit-out E-19 (Dance Studio). The Dance Studio will receive 1% open solar shades, however per fit-out E-19 this room also has a projector/projection screen. Please clarify if "Blackout shades" are also required in addition to the solar shades for the Dance Studio. (BQ165)

Response: Black-out shades are not required in room C-329 Dance Studio.

134. **Question**: The Acoustic Performance Criteria table indicates that STC 55 is required for Food Service Servery walls adjacent to sensitive spaces. Since Food Service Office is a sensitive space, that would indicate that the window between these two spaces would need to be at or near STC 55 to maintain the composite STC 55 rating. Can the STC requirement for this window be reduced to STC 30, since the office door requirement is STC 30 and is also somewhat exposed to the servery area? (BQ166)

Response: Rooms A-116A Servery and A-116B Food Service Office do not share an interior partition, however, Rooms A-116 Kitchen and A-116B Food Service Kitchen, which has similar requirements, do share interior partitions. Yes, for both spaces, for walls with doors or windows, the requirement for the doors and windows is STC30.

135. **Question**: Table PS1030.00-1 Acoustic Performance Criteria indicates a STC 28 requirement for the interior coiling doors between Food Service Servery an adjacent spaces. Interior coiling doors are also located in the main office which would have a requirement of STC 30. The basis of design for these doors are not STC rated, and alternative coiling door models appear to max out at STC 21. Can the interior coiling doors be excluded from the STC requirements? If not, please provide a revised basis of design that meets the STC requirements. (BQ167)

Response: Overhead coiling doors communicating between rooms A-115 Cafetorium and A-116A Servery: A composite STC21 minimum for the door assembly is acceptable. Overhead coiling doors communicating between B-210 Main Office Waiting and Secretary: These doors are normally open when the spaces are occupied. They may be excluded from the STC requirements. See the revised table PS1030.00-1 Acoustic Performance Criteria, attached. No basis of design will be provided for STC rated overhead coiling doors. The D-

BIP establishes the salient physical, functional, and performance requirements. The D-B is free to select any product that meets or exceeds these requirements.

136. **Question**: Reference is made to Ed Spec page B-11 (Room Finish Schedule), and specification section C1000.00 (I.B.5.a.1). The Ed spec calls for 'Suspended Acoustic Ceiling' for the Electrical Closets, IDF Closets, and MDF room, whereas the specification section notes these rooms to have 'Exposed Structure'. Please confirm we can have exposed structure for these spaces. (BQ168)

Response: Confirmed, exposed structure is required. See performance specification section C1000.00 Interior Construction. The Performance Specifications take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

137. **Question**: Specification section C2000.00 (III.B.1) calls for precision waterjet cutting of VCT tile for shapes indicated. Please clarify for what shapes, and where this applies. (BQ169)

Response: Waterjet cutting of vinyl composition tile is not required. See the revised performance specification section C2000.00 Interior Finishes.

138. **Question**: Specification section D1010.00 calls for VCT flooring for the 2 elevators. The AF-series drawings do not depict a color or pattern for the elevator flooring. Please clarify. (BQ170)

Response: The floor finish in both EA01 and EB01 Elevator shall be VCT-2. See the revised drawing AF-101 First Floor and Second Floor Finish Plans.

139. **Question**: Specification section B2050.00 (Exterior Doors and Grilles) issued with Addenda #2 notes exterior Overhead Door model numbers 610, 627, and 635, whereas specification section B2050.30 (Exterior Oversize Doors) calls for all exterior overhead doors to be Overhead Door model 627. Please clarify. (BQ171)

Response: Delete performance specification section B2050.30 Exterior Oversize Doors in its entirety.

140. **Question**: Reference is made to drawing AF-101. Please provide the floor finish at the 'ramp' for the Kitchen Receiving area, including the floor finish at the 'ramp' accessing the Stage, including the floor finish at the bottom of the Stage ramp that leads in to the lobby / Cafetorium. (BQ172)

Response: The floor finish for the ramp in room A-119 Receiving shall be SC-1 Sealed Concrete. The D-B shall provide enhanced slip resistance where required by code. The floor finishes for the ramp connecting rooms A-112 Stage / Instrumental Music Room shall be VCT-2 Field, and RSF-2 on ramp. See the revised drawing AF-101 First Floor and Second Floor Finish Plans.

141. **Question**: Reference is made to specification section F1020.40. We have reached out the BoD Greenhouse manufacturer (Nexus) and they have identified the following discrepancy. Section (III.C) references 8mm polycarbonate panels, whereas Section (III.D, and E) reference Glass. Nexus recommends using laminated glazing for this application because of longetivity, maintenance, and performance. Polycarbonate over time will turn yellow, become brittle, and lose light transmittance and will be more susceptible to breaking. Please clarify the correct material for the Bidders to price. (BQ173)

Response: Polycarbonate glazing is required. See the revised performance specification section F1020.40 Manufacturer Engineered Structures.

142. **Question**: Reference is made to specification section F1020.40, and Fit-out sheet E-7. We have reached out the BoD Greenhouse manufacturer (Nexus) and they have identified the following discrepancy. The self-contained evaporative cooling units which are used in smaller greenhouses are mounted outdoors and pull outside air thru the evaporative pad and blower and push / blow the moist air into the greenhouse through openings on the walls. These are sometimes referenced as Swamp Coolers. The fit-out shows the units on the inside which will not cool efficiently. Please confirm we can locate these outside which will free up indoor floor space for instructional use. (BQ174)

Response: Confirmed, the evaporative coolers may be located on the exterior side of the illustrated openings.

143. **Question**: Reference is made to drawings A-101, and A-201. Stairs ST-03 and ST-04 are both egress stairs however it appears that only stair ST-04 is to be provided with an overhead canopy at the exit discharge door. Please confirm this is correct. (BQ175)

Response: Confirmed, a canopy is not required over the exterior of the exit discharge door from ST-03 Stair. The exit discharge door from ST-04 Stair will be utilized for re-entry by students and staff returning from the Outdoor Physical Education Area. Note other canopies are also required elsewhere.

144. **Question**: Reference is made to drawings A-101, and A-201. East Elevation B on A-201 shows a total of (7) exterior display cases along the ground floor, whereas A-101 shows a total of (5). Please clarify correct quantity. (BQ176)

Response: 7 exterior display cases are required. See drawing A-201 Exterior Elevations, detail 2 East Elevation –B. See the revised drawing A-101 First Floor and Second Floor Plans.

145. **Question**: Reference is made to drawings A-101, and specification section B2080.00 (II.E) Recessed Exterior Display Case. The model number noted in the spec (SCPXL) is for a 'poster case' and the case depth is 2" deep with an interior usable space of only 5/8" which can only fit a poster. The mounting method for this items is to directly surface mount to the wall and NOT a recess as noted in the spec. Drawing A-101 appears to show these items as surface mount as well. Please confirm these can be surface mounted. (BQ177)

Response: Confirmed, the exterior display cases are to be surface mounted. See the revised performance specification section B2080.00 Exterior Wall Appurtenances.

146. **Question**: The requirement of providing a bid bond and/or consent of surety is not found in the RFP or Bid Documents. Please confirm if a bid bond and/or consent of surety is required to be submitted and included within the Price Proposal package. (BQ178)

Response: See Addendum #3 section E Bidder Questions, Requests for Information, and Responses, item 12.

147. **Question**: Per Addendum #2 FPA Remediation Responsibilities Plan (RRP) Report, please confirm if the following lots 22, 23, 24, 35, 36, 37 at the outdoor physical education area need to be excavated to bedrock. Please further confirm that NO vapor barrier and passive sub-slab depressurization system will need to be installed in this location. (BQ179)

Response: Confirmed, the entire project area is to be excavated to bedrock. Confirmed, a vapor barrier and passive sub-slab depressurization system is not required to be to be installed under the Outdoor Physical Education Area.

148. **Question**: The recommendations made under the geotechnical report was to excavate the soil down to rock and fill back with clean material, can you please clarify the following related to the recommendation: a. Will

the soil removal down to rock recommended only under footings and foundation walls or also under the slab areas? b. Will the recommended removal extend beyond the building footprint or just exactly under the footprint and if it extended beyond the footprint, please provide distance needed and further advise of what to do at both 36th and 37th streets surrounding the future school site? c. Please advise if any support of excavation will be needed to perform that task? (BQ180)

Response: The site shall be delivered without an environmental deed restriction. To ensure such delivery of the project without an environmental deed restriction, all unconsolidated materials shall be removed in accordance Section 5.12.2 of the Design Build Agreement.

149. **Question**: Per FPA Geotechnical Data Report, it is noted that there will be additional test pits done for Block 218, Lots 15, 16, 44, and 45 once existing structures currently occupying those properties have been demoed. In FPA's Reports, it is stated to assume a depth of 8 feet to bedrock for bidding purposes, but if these test pits become available prior to bid due date, please provide. (BQ181)

Response: No additional test pits will be performed. Bidders shall anticipate a depth to bedrock of 8 feet for Block 218, Lots 15, 16, 44 and 45. Additional excavation on these lots, if necessary, are included in the Sub-surface Conditions Allowance

150. **Question**: Per Volume 3 Appendix A PMK Group Boring and Test Pit Location Plan, there are several cross sections referenced on the plan, including D, E, and F. Please provide these sections. (BQ182)

Response: No additional cross sections will be provided. Bidders shall rely upon the data included in the D-BIP.

151. **Question**: Per the Room Finish Schedule, B-8 & B-10, under the Comments column, it states that Terrazzo is being considered @ Main Entrance. Per drawing AF-101, Terrazzo is shown as the finish in the Vestibule A-001 and Corridor A-002. Please confirm the finish floor material for the Main Entrance for bidding purposes. (BQ184)

Response: Terrazzo is required in select spaces on the first floor. See drawing AF-101 First Floor and Second Floor Interior Finish Plans. The Bridging Design Drawings take precedence over the Educational Specifications. See the revised D-B Agreement, Section 25.3.

152. **Question**: We have reviewed provided documentation for the new middle school

and determining conditions under which it would (or wouldn't) be classified as a High-Rise building. Assessing the height of the lowest level of fire department access (street grade 173.30'+/-) to the highest occupied floor (Sixth Floor), we have arrived at a height of about 84'. This analysis assumes floor-to-floor heights of 16 feet, which appears to be consistent with what can be scaled from the RFP documentation. a. Is the classification of the building as a High-Rise consistent with the NJSDA's initial design intent? b. Is a reduction of floor-to-floor heights to arrive at a total height of under 75' limit a consideration? c. If the Middle School is to be considered a High-Rise, can the EMERGENCY CONTROL CENTER A-005 be used as the FIRE COMAND CENTER? (BQ185)

Response: (a.) The NJ SDA believes the classification of the building as a high-rise building may be one approach. Other approaches may be possible. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria. (b.) No, a 16ft. minimum floor to floor height is required. See revised drawing E-201 Exterior Elevations, attached. (c.) The NJ SDA believes the use of room A-005 Emergency Control Center as a Fire Command Center may be one approach. Other approaches may be possible. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria.

153. **Question**: Volume 2 includes their Materials and Systems Standards Manual. That document points to the ANSI S12.60 standard for the design of background sound, STC, reverberation, etc, and also provides some specific requirement for acoustical design. Please have them confirm that Section PS1030.00, including their forthcoming Table PS1030.00-01 Acoustical Performance Criteria, will supersede all acoustical design requirements within the Materials and Systems Standards Manual. (BQ186)

Response: Confirmed, the requirements included in the Performance Specifications take precedent over those in the Materials and Systems Standards Manual. See the revised D-B Agreement Section 25.3.

154. **Question**: Are the level-to-level heights between 1st & 2nd and 6th to roof to be determined by the elevator's overruns? (BQ187)

Response: A minimum floor to floor height of 16'-0" is required. See the revised drawing A-201 Building Elevations, attached. A penthouse to accommodate the elevator overrun is prohibited. See drawing A-102 Third Floor and Fourth Floor Plans and the revised drawing A-103

Fifth Floor, Sixth Floor and Roof Plans. The D-B may increase the floor to floor height if necessary to accommodate the elevator overrun.

155. **Question**: In light of the tight widths at stair towers 3 & 4, can the columns that support the enclosures be located within the adjacent educational spaces thereby reducing the classroom square footage? (BQ188)

Response: Columns may be introduced at he D-B's discretion subject to conformance with the project requirements including but not limited to the minimum floor areas required by the Target Program and the accommodation of the entirety of the room fit-out.

156. **Question**: What is the purpose of the 2 sets of pair doors between Elevator 1 & stair 1 at the 3,4,5 & 6 floors? (BQ189)

Response: The NJ SDA believes the classification of the building as a high-rise building is the most restrictive approach. The doors in spaces C-300, C-400, and C-500 Corridor between ST-01 Stair #1 and EA01 Elevator 1 are included in the event an elevator lobby is required by code. Other approaches may be possible. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria and Attachment A4.02 Table PS1030.00-1 Acoustic Performance Criteria, attached.

157. **Question**: Is it the design intent for the Main office B-210 to be protected with a smoke barrier to accommodate the area of refuge? (BQ190)

Response: The NJ SDA believes the classification of the building as a high-rise building is the most restrictive approach. The overhead coiling fire shutters in room B-210 between the Waiting and Secretary spaces are included in the event an elevator lobby is required by code. Other approaches may be possible. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria.

158. **Question**: Where are the details for the bridge located in the RFP? (BQ191)

Response: To the best of the knowledge of the Authority, there is no reference to a bridge in the D-BIP.

159. **Question**: If the gym trusses are to be fireproofed, is exposed spray fire proofing acceptable? (BQ)192)

Response: No, exposed spray fire-proofing is not acceptable in any program

space, corridor or stair. See performance specification section C1000.00 Interior Construction, paragraph I.E.7.

160. **Question**: Is the project to comply with Alyssa's law? (BQ193)

Response: Yes, the project must comply with all applicable local, state, and federal regulations. See performance specification sections PS1030.00 Project criteria, paragraph I.A.3. Those elements necessary to comply with Alyssa's Law have been included in performance specification section D7050.10 Emergency Alert System.

161. **Question**: Volume 3 (July 2021) shows where IDFs are planned for the lower floors, but the upper floors do not identify the MDF or necessary IDFs. The Jan 2022 bridging drawings do not show any IDFs or an MDF. Has sufficient square footage been reserved for this purpose, and if so, where have those dedicated IT spaces been located? (BQ194)

Response: Regarding the identification of an Intermediate Distribution Frame (IDF) room see the response to Question No. 94, above. Those areas identified as "Building Services" have been set aside to accommodate, among other services, those communications, electronic safety and security, and integrated automation elements not otherwise located. It is the responsibility of the design builder to locate those services as necessary to meet the project requirements. See performance specification section PS1030.00 Project criteria, paragraph I.F.1.a.

162. **Question**: Will Alyssa's Law and other recent NJ security requirements be required in this Project or will they be part of a separate or later package? (BQ195)

Response: A separate, later package is not anticipated. Regarding compliance with Alyssa's Law and other applicable regulations see the response to Question No. 160, above. Those elements necessary to comply with other recent NJ security requirements have also been incorporated in the requirements of the D-BIP. The current NJ SDA School Security Systems Design Guidelines are incorporated into the Design-Build Information Package.

163. **Question**: Clarify "technology and interactive hand held devices, cameras or other or electronic media as needed to support the instruction" intent (Vol III, B-6). How many hard wired data drops are requested per classroom? (BQ196)

Response: All of the data connections scheduled in the fit-out lists are required to

be hardwired. The required quantity of hard-wired data ports is that scheduled in the fit-out list for each space as modified by performance specification section D6000.00 Communications, paragraph I.C.2.k. The examples cited in the question will either utilize the wireless network or the data connections identified in the fit-out lists. No additional data connections are required.

164. **Question**: Confirm "analog clock and intercom system" definition (Vol III, B-6). Is this an analog style clock face requirement? Battery clocks? In line powered clocks with wireless correction? Does this requirement mean analog intercom system? Or is a hybrid or full-IP intercom system. (BQ197)

Response: An analog clock face is required. The balance of the clock system as well as the intercom system shall be as described in performance specification section D6000.00 Communications. All clocks shall be powered through IEEE 802.3af/at standard PoE/PoE+ utilizing CAT5/6 cabling.

165. **Question**: Is the "full media retrieval and distribution systems" listed in Vol III, B-6 to be an IP distribution system, or a separate coaxial based CATV. (BQ198)

Response: IP based distribution is required. See performance specification section D6000.00 Communications, paragraphs I.C.14.a and II.U.1 as well as the Materials and Systems Standards Manual, section D6060 Distributed Communications and Monitoring, paragraph 10.A.3.

166. **Question**: Clarify if the "District student and staff attendance system readers" listed in Vol III, B-6 is integrated with the card access system for building wide security, or a separate system? (BQ199)

Response: The student and staff attendance system readers are not to be integrated into the access control system. The attendance system is stand-alone and to be provided and installed by the District. Only power and a data port to the network are required.

167. **Question**: Please provide the listed "DCA Best Practices and SDA School Security Systems Design requirements" with the specific version and date the D/B team should comply with (Vol III, B-6.) Also, please confirm the 2012 D60 and D70 Materials and System Standards referenced in D6000 apply to this Project. Also, provide the most recent ""Best Practices Standards for Schools under Construction or Being Planned for. (BQ200)

Response: (a.) See response (c.), below, for NJ DCA Best Practices Standards for Schools Under Construction or Being Planned for Construction. The current NJ SDA School Security Systems Design Guidelines are incorporated into the Design-Build Information Package and need not be separately provided or referenced. (b.) Per Paragraph 4.1.1 of the D-B Agreement, the SDA Materials and Systems Standards are applicable to the project, but it should also be noted that, per Paragraph 25.3 of the Agreement, Project Performance Specifications take precedence over Materials and Systems Standards. (c.) The referenced DCA Best Practices Standards may be found at: https://www.nj.gov/dca/divisions/codes/alerts/pdfs/2008_11_10_bps_school_construction.pdf

F. CHANGES TO PREVIOUS ADDENDA:

a. Revised response to Addendum #3, Section E., Bidder's Questions, Requests for Information, and Responses, item No. 27:

27. **Question:** Science Lab Prep Room millwork (CWK5), Art Room millwork (CWK5), Hydroponics Lab millwork (CWK5), and Robotics Lab millwork (CWK13) note "Counter with Upper and Lower Cabinets", but the remarks call for "Open Shelving" above. Clarify the intent of open shelving. Is it upper wall cabinets without doors, or (1) continuous open shelf on adjustable brackets? (BQ31)

Response: Science Lab Prep Room millwork CWK5: ~~*Open shelving is required.*~~ **Upper casework with shelves but without doors is required.** See the revised room layout and fit-out list E-3a&b Science Lab.

Art Room millwork CWK5, Hydroponics Lab millwork CWK5, and Robotics Lab millwork CWK13: ~~*Upper cabinets are required.*~~ **Upper casework with shelves and doors is required.** See the revised room layout and fit-out lists E-4a and E-4b. Art Room, E-5 Hydroponics Lab, and E-6a and E-6b STEM / Robotics Lab~~.~~ **, attached.**

~~*Open shelving shall be two continuous shelves on adjustable brackets finished to match the balance of the millwork. See revised Performance Specification section C1090.70 Storage Specialties.*~~

G. ATTACHMENTS

Attachment 4.01	UN New 7-9 Price Proposal dated April 5, 2022
Attachment A4.02	UN New 7-9 Table PS1030.00-1 Acoustic Performance Criteria dated April 1, 2022 (.pdf)
Attachment A4.03	UN New 7-9 A-101 First Floor and Second Floor Plans 220331 (.pdf)
Attachment A4.04	UN New 7-9 A-102 Third and Fourth Floor Plans add4 220331 (.pdf)
Attachment A4.05	UN New 7-9 A-103 Fifth, Sixth floor and Roof Plans add4 220331 (.pdf)
Attachment A4.06	UN New 7-9 A-201 Exterior Elevations add4 220331 (.pdf)
Attachment A4.07	UN New 7-9 A-301 Building Sections add4 220331 (.pdf)
Attachment A4.08	UN New 7-9 A-801 Food Service Plan and Equipment Schedule 220331 (.pdf)
Attachment A4.09	UN New 7-9 AF-101 First and Second Floor Interior Finish Plans 220331 (.pdf)
Attachment A4.10	UN New 7-9 AF-102 Third and Fourth Floor Interior Finish Plans 220331 (.pdf)
Attachment A4.11	UN New 7-9 E-1a General Classroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.12	UN New 7-9 E-1b General Classroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.13	UN New 7-9 E-1c General Classroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.14	UN New 7-9 E-2 Science Classroom & Fit-Out List A 220331 (.pdf)
Attachment A4.15	UN New 7-9 E-2 Science Classroom & Fit-Out List B 220331 (.pdf)
Attachment A4.16	UN New 7-9 E-3a&b Science Lab Layout and Fit-Out List 220331 (.pdf)
Attachment A4.17	UN New 7-9 E-4a Art Room Layout and Fit-Out List 220331 (.pdf)
Attachment A4.18	UN New 7-9 E-4b Art Room Layout and Fit-Out List 220331 (.pdf)
Attachment A4.19	UN New 7-9 E-5 Hydroponics Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.20	UN New 7-9 E-6a Stem Robotics Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.21	UN New 7-9 E-6b Stem Robotics Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.22	UN New 7-9 E-7 Environmental Science Lab Room Layout & Fit-Out List Plan 220331 (.pdf)
Attachment A4.23	UN New 7-9 E-7a Environmental Science Lab Room Layout & Fit-Out List Plan 220331 (.pdf)
Attachment A4.24	UN New 7-9 E-8 Small Group Instruction Room Layout & Room Fit-Out List 220331 (.pdf)

Attachment A4.25	UN New 7-9 E-9 Teacher Workroom Layout & Fit-Out List 220331 (.pdf)
Attachment A4.26	UN New 7-9 E-11a1 Cafetorium (Dining) Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.27	UN New 7-9 E-11a2 Cafetorium (Dining) Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.28	UN New 7-9 E-11b1 Cafetorium (Assembly) Room Layout & Fit-Out List 220331f (.pdf)
Attachment A4.29	UN New 7-9 E-11b2 Cafetorium (Assembly) Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.30	UN New 7-9 E-12 Stage Instrumental Music Room - Room Layout and Fit-Out List 220331 (.pdf)
Attachment A4.31	UN New 7-9 E-15a Gymnasium Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.32	UN New 7-9 E-15b Gymnasium Assembly Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.33	UN New 7-9 E-19 Dance Studio Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.34	UN New 7-9 E-20 Vocal Music Room - Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.35	UN New 7-9 E-22 Media Center Room Layout 7 Fit-Out List 220331 (.pdf)
Attachment A4.36	UN New 7-9 E-23 Technology Lab Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.37	UN New 7-9 E-24 Main Entrance Security ECC Attendance Office Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.38	UN New 7-9 E-28 Nurses Office Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.39	UN New 7-9 E-29 Main Office Reception Workroom and Office Supply Records and Test Storage Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.40	UN New 7-9 E-30 Principals Office Room Layout & Fit-Out List 220331 (.pdf)
Attachment A4.41	UN New 7-9 A-101 First Floor and Second Floor Plans add4 220331 (.dwfx)
Attachment A4.42	UN New 7-9 A-102 Third and Fourth Floor Plans add4 220331 (.dwfx)
Attachment A4.43	UN New 7-9 A-103 Fifth, Sixth floor and Roof Plans add4 220331 (.dwfx)
Attachment A4.44	UN New 7-9 A-201 Exterior Elevations add4 220331 (.dwfx)
Attachment A4.45	UN New 7-9 A-301 Building Sections add4 220331 (.dwfx)
Attachment A4.46	UN New 7-9 A-801 Food Service Plan and Equipment Schedule add4 220331 (.dwfx)

H. SUPPLEMENTAL INFORMATION

(Not applicable)

Any bidder attempting to contact government officials (elected or appointed), including NJSDA Board members, NJSDA Staff (except for Procurement), Selection Committee members, NJSDA Consultants, and School District officials for information relating to this project or in an effort to influence the selection process may be immediately disqualified.

End of Addendum No. 4

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY

32 E FRONT STREET
P.O. BOX 991
TRENTON, NJ 08625-0991
609-943-5955

Addendum No. 4

NJSDA
32 E. Front Street
Trenton, NJ 08625
Phone: 609-858-2981

DATE: **April 5, 2022**

PROJECT #: **HU-0029-B01**

DESCRIPTION: **Union City - New Grade 7 through 9 School**
Union City, NJ
Addendum No. 4

Acknowledgement of Receipt of Addendum

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via email to Alison Perry at APerry@njsda.gov. Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in **Section F.4** of the Price Proposal Submission for Design Build Projects.

_____ _____
Signature Print Name

_____ _____
Company Name Date

DESIGN-BUILD
PRICE PROPOSAL SUBMISSION
to
NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

Contract Number: HU-0029-B01
Contract Name: Union City - New Grade 7 through 9 School
District: Union City
County: Hudson

Bid of _____
(Design-Builder's Name) (Design-Builder's Federal I.D. #)

_____
(Design-Builder's Name) (Design-Builder's Federal I.D. #)

a Corporation organized and existing under the laws of the State of _____

or a partnership or joint venture consisting of _____

_____

or an individual, trading as _____

Important Notes:

1. A Design-Builder shall not submit a Price Proposal that, excluding amounts for design services and the GMP Reserve, exceeds its Project Rating Limit for the Project.
2. A Design-Builder may not submit a Price Proposal that, excluding amounts for design services and the GMP Reserve, and when added to the amount listed on its Uncompleted Contracts Form, exceeds its Aggregate Limit.
3. A Design-Builder shall not submit a Price Proposal that causes any one of the Subcontractors required to be named under Section 2.1A of the Request for Proposals ("RFP") to exceed its Aggregate Limit.

A. Price Proposal Submission:

1. The Design-Builder shall complete and execute this Price Proposal and enclose it, with its Technical Proposal, in an envelope that is sealed and clearly marked with the Design-Builder's Name, Contract Number, Contract Name, School District Name and the date of Proposal submission. The Design-Builder shall submit its Technical and Price Proposals to the NJSDA in accordance with Section 4.2 of the RFP.

2. Design-Builders submitting a bid as a Joint Venture shall comply with all the requirements in Section 4.2.3 of the RFP. In addition, each member of the Joint Venture shall sign the Price Proposal, have its signature witnessed and the Corporate Seal must be affixed to the signature.

3. The Technical and Price Proposals shall be subject to a public opening by the NJSDA on the date and time provided in the RFP.

B. Design-Builder:

1. All Design-Builders must be classified by the Department of the Treasury-Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor and Workforce Development; and registered with the Department of the Treasury-Division of Revenue; and must provide valid contractor or trade licenses where applicable at the time of submission of this bid. **Time is of the essence for completion of the Project in this package**.

2. The Design-Builder must submit a copy of its Uncompleted Contracts Form. Uncompleted Contracts forms submitted by the Design-Builder and any named Subcontractors must reflect accurate and timely information. The amount set forth in the Uncompleted Contracts Form must reflect the amount of uncompleted work as of the date of the bid submission, or the date of the response to the RFP. In no instances will Uncompleted Contracts forms be acceptable where the date of the Form is greater than 120 days prior to the due date for bid or proposal submissions.

3. If the Design-Builder will be performing work with its "own forces" in any of the trades listed in the RFP, the Design-Builder must be properly classified and pre-qualified to perform such work in the named trades, and must state its intention to perform such work with its "own forces." Failure to so state, and/or failure to indicate what firms will be performing the work in the trades identified in the RFP, may cause the bid to be rejected.

C. Subcontractors:

1. The Design-Builder must name the Design Consultant to be engaged as the Design-Builder's Design Consultant, and all subcontractors that will be performing work in any of the trades listed in the RFP or required by statute. If the Design-Builder intends to self-perform any of the trades required by the RFP and/or the Contract Documents, the Design-Builder must identify itself as self-performing in such required trades(s).

2. In accordance with the requirements of N.J.S.A. 52:18A-243, each Design-Builder is required to set forth in its bid the name or names of all subcontractors to whom the Design-Builder will directly subcontract for the furnishing of any of the work and materials specified in the plans and specifications for the following branches: (1) the plumbing and gas fitting and all work and materials kindred thereto ("Plumbing Branch"); (2) the steam and hot water heating and ventilating apparatus, steam power plants and all work and materials kindred thereto ("HVACR Branch"); (3) the electrical work ("Electrical Branch"); and (4) structural steel and miscellaneous iron work and materials ("Structural Steel Branch").

3. When naming subcontractors in accordance with Section C.2 above, a Design-Builder is required to name only those subcontractors that are engaged directly by the Design-Builder ("first-tier subcontractors"). Design-Builders are NOT REQUIRED to name any subcontractors engaged by the first-tier subcontractors or by others (e.g., "second-tier subcontractors" or "third-tier subcontractors.")

4. All listed subcontractors identified in accordance with Sections C.1. and C.2. above must be classified by the Department of the Treasury-Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor and Workforce Development; and registered with the Department of the

Treasury-Division of Revenue; and must provide valid contractor or trade licenses where applicable at the time of submission of this bid.

5. All Design-Builders must submit a copy of the Uncompleted Contracts Form for any subcontractor identified in the bid advertisement**.** Uncompleted Contracts forms submitted by the Design-Builder and any named Subcontractors must reflect accurate and timely information. The amount set forth in the Uncompleted Contracts Form must reflect the amount of uncompleted work as of the date of the bid submission, or the date of the response to the RFP. In no instances will Uncompleted Contracts forms be acceptable where the date of the Form is greater than 120 days prior to the due date for bid or proposal submissions.

D. Small Business Enterprise Opportunities:

1. The NJSDA requires the Design-Builder to provide opportunities to SBE firms to participate in the performance of this engagement, consistent with NJSDA SBE set aside goals of awarding 25% of the total design and construction contract value to registered SBE firms with revenues that do not exceed the annual revenue standards established by the Federal standard at 13 CFR 121.201.

   Pursuant to the Set Aside Act for Disabled Veterans' Owned Businesses, N.J.S.A. 52:32-31.1 et. seq., the SDA requires the Design-Builder to provide opportunities to DVOB firms to participate in the performance of this engagement, over the entire duration of the project, consistent with the set aside goals of the N.J.S.A. 52:32-31.5, awarding 3% of the total design and construction contract value to firms registered with the Department of the Treasury–Division of Revenue and Enterprise Services as DVOB firms.

E. Identification of Bidder and Subcontractors:

1. In the table below, identify all firms that will be performing work in any of the trades listed in the RFP or required by statute. If the Design-Builder intends to self-perform any of the trades required by the RFP and/or the Contract Documents, the Design-Builder must identify itself as self-performing in such required trade(s).

REQUIRED PER ADVERTISEMENT			
TRADE	**TRADE CODE**	**FIRM**	**FED #**
CONSTRUCTION MANAGER AS CONSTRUCTOR	C006		
DESIGN-BUILD	C007		
GENERAL CONSTRUCTION	C008		
ARCHITECTURE	P001		
STATUTORILY REQUIRED (AS NECESSARY)			
TRADE	**TRADE CODE**	**FIRM**	**FED #**
STRUCTURAL STEEL	C029		
PLUMBING	C030		

HVACR	C032		
ELECTRICAL	C047		
ADDITIONAL SUBCONTRACTORS (AS NECESSARY)			
TRADE	**TRADE CODE**	**FIRM**	**FED #**

F. Price:

1. The undersigned, as Design-Builder, declares:
   - That this Price Proposal is made, without collusion with any other person, firm or corporation;
   - That the Design-Builder has carefully examined the RFP and the forms of the Project Manual, Design-Build Agreement, Design-Build Information Package, Addenda, Specifications, Drawings and all other Contract Documents;
   - That the Design-Builder has carefully examined the locations, conditions and classes of material for the proposed work;
   - That the Design-Builder agrees that it will provide all necessary design services, machinery, tools, apparatus and other means of construction and will do all Services and Work and furnish all the materials called for in the Design-Build Contract Documents in the manner therein prescribed; and
   - That this Price Proposal is submitted Net of Insurance, excluding all applicable insurance expenses and policy costs allocated to the on-site activities of the project with respect to Workers' Compensation and Employer's Liability, Commercial General Liability, Excess/Umbrella Liability and Builder's Risk insurance as provided by the NJSDA's Owner Controlled Insurance Program outlined in the Agreement.

2. In submitting this Price Proposal, the Design-Builder agrees:

   - That the NJSDA has the right to reject this Price Proposal in accordance with the terms of the RFP.
   - To hold this Price Proposal open for a period of one hundred twenty (120) calendar days from the date of the public opening and reading of the Price Proposals, unless this time period is extended by mutual agreement of the Design-Builder and the NJSDA.
   - To accomplish the work at the price bid, in accordance with the Contract Documents.

3. Base Bid Price:

   - Total amount for the furnishing of all design and construction administration services, labor, materials, services, equipment and appliances required in conjunction with and properly incidental to all Services and Work, in conformance with all Design-Build Contract Documents.

- In case of a discrepancy between the amount shown in words and the amount shown in figures, the amount shown in words shall govern.

1. Design Services: $ _____

2. Construction Services: $ _____

3. GMP Reserve* $ 750,000.00

* GMP Reserve Includes: $500,000 General Design and Construction Allowance; $100,000 Emergency Responder Radio System Allowance; and $150,000 Subsurface Conditions Allowance.

TOTAL BID PRICE: _____
(Sum of all three items) (In Words)

$ _____
(In Figures)

4. Addenda:

The Design-Builder acknowledges receipt of and has incorporated into this bid the following Addenda:

Addendum No.:	1	2	3	4						
Date Issued:	12/03/21	03/10/22	03/24/22	04/05/22						
Acknowledgement:										

* The Design-Builder shall acknowledge each issued Addendum by completing the chart above and initialing in the "Acknowledgement" box corresponding to each issued Addendum.

G. Certification

The Design-Builder hereby certifies to the best of its knowledge and belief and under penalty of perjury under the laws of the United States and the State of New Jersey:

1. That all information provided herein is accurate and truthful.

2. That an affirmative action program of equal employment opportunity, pursuant to P.L. 1945, c. 169, the "New Jersey Law Against Discrimination," as supplemented and amended has been adopted by this organization to ensure that applicants are employed and employees are treated without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation gender identity or expression, disability, nationality or sex, and that the selection and utilization of contractors, subcontractors, consultants, materials suppliers and equipment lessors shall be done without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeships. The Design-Builder agrees to post in conspicuous places, available to employees and applicants for employment, Notices to be provided by the NJSDA's Compliance Officer setting forth provisions of this nondiscrimination clause. Said affirmative action program

addresses both the internal recruitment, employment and utilization of minorities and the external recruitment policy regarding minority contractors, subcontractors, consultants, materials suppliers and equipment lessors.

3. That the bid has been executed with full authority to do so; that the Design-Builder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with these projects; and that all statements contained in this bid and in this certification are true and correct and made with full knowledge that the NJSDA relies upon the truth of the statements contained in this bid and in the statements contained in this certification in awarding the contract for the projects.

4. That neither the Design-Builder nor its principals:

   A. are currently debarred, suspended, proposed for debarment, declared ineligible, or excluded from bidding or contracting by, any agency of government including but not limited to federal, state, regional, county or local government agency, in this or any other state including any department, division, commission, authority, office, branch, section and political subdivision or other governmental or quasi-governmental entity;
   B. are voluntarily excluded from bidding or contracting, or have agreed to voluntarily refrain from bidding or contracting, through an agreement with any agency of government including but not limited to federal, state, regional, county or local government agency, in this or any other state including any department, division, commission, authority, office, branch, section and political subdivision or other governmental or quasi-governmental entity;
   C. have, within a three-year period preceding this bid, been convicted or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public federal, state or local contract; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
   D. are currently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in paragraph C of this certification; and
   E. have within a three-year period preceding this bid, had one or more public contracts (federal, state or local) terminated for cause or default.

5. The Design-Builder has a current, valid registration issued pursuant to the "Public Works Contractor Registration Act, pursuant to N.J.S.A. 34:11-56.48 et. seq.

6. The Design-Builder has a current, valid Business Registration Certificate for State Agency and Casino Service Contractors issued by the NJ Department of the Treasury to perform work in New Jersey.

7. The Design-Builder has current, valid contractor or trade licenses and permits required under applicable New Jersey law for any trade or specialty area in which the firm seeks to perform work.

8. That the Design-Builder will comply with the N.J. Division of Purchase and Property "Two-Year Chapter 51/Executive Order 117 Vendor Certification & Disclosure of Political Contributions" as prescribed by N.J.S.A. 19:44A-20.13 et seq. (P.L. 2005, c.51) and Executive Order 117, if awarded the bid.

9. That the Design-Builder is aware of its continuing responsibility to file an annual disclosure statement on "contributions" as that term is defined in P.L. 2005, c. 51 (formerly Executive Order 134 (2004)) or any "Business Entity," as that term is defined in P.L. 2005, c. 51, associated with the Design-Builder, on the "Disclosure of Political Contribution" form provided by the NJSDA, at the time such contribution is made." This applies to the contractor if the contractor receives contracts in excess of $50,000 from a public entity in a calendar year. It is the contractor's responsibility to determine if filing is necessary. Failure to so file can result in the imposition of financial penalties by ELEC. Additional information about this requirement is available from ELEC at 888-313-3532 or at www.elec.state.nj.us .

10. During the term of construction of the project(s) that comprise this package, the Design-Builder will have in place a suitable quality control and quality assurance program and an appropriate safety and health plan.

11. The amount of the Price Proposal and the value of the Design-Builder's outstanding incomplete contracts does not exceed the Design-Builder's Aggregate Rating.

12. Where the Design-Builder is unable to certify to any of the statements in this certification, the Design-Builder shall explain below (Design-Builder may attach additional documentation, as necessary).

_____

_____

_____

IN WITNESS WHEREOF, the Design-Builder has caused this instrument to be signed, attested to and sealed.

Design-Builder: _____ (Legal Firm Name)

Signature: _____

Print Name: _____

Title: _____

Address: _____

_____

Date: _____

Affix Corporate Seal

If submitted by a Joint Venture, for each additional bidder, complete and execute below:

Design-Builder: _____ (Legal Firm Name)

Signature: _____

Print Name: _____

Title: _____

Address: _____

_____

Date: _____

Affix Corporate Seal

Witness Signature: _____

Print Name: _____

Title: _____

Date: _____

END OF PRICE PROPOSAL

(Attachment A1.14) Table PS1030.00-1 Acoustic Performance Criteria (ADDENDUM NO.4 Attachment A4.02)

1 Apr 2022 ~~*1 Mar 2022*~~

Space	Sensitive Space?	Maximum A-Weighted Background Noise Level		Maximum Mid-Frequency Reverberation Time	Minimum Composite Interior STC Ratings					Minimum Interior Floor IIC Rating where over a Sensitive Space	Comments
					Where the adjacent space is sensitive			Where the adjacent space is not sensitive			
					For ceilings, walls without doors or operating windows, and floors	For walls with doors or operating windows		For ceilings and floors	For walls (including doors and windows)		
		From all sources	From building services			Wall	Doors or operating windows		Typical	For Locker, Changing, Restroom, Toilet, and Storage Rooms accessible only from the other space	
DEDICATED GRADE LEVEL SPACES											
Grades 7-8											
General Classroom, Grades 7-8	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Self-Contained Special Education Classroom	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Grades 7-8 Science Lab	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Grades 7-8 Science Lab Prep Room	Yes	45dB		0.6s	STC45	STC30		STC35		No Requirement	IIC40	
Art Room	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Art Room Kiln Room	No	48dB (excluding kiln equipment)		No Requirement	STC45	STC30		No Requirement			IIC40	
Small Group Instruction	Yes	45dB	40dB	0.6s	STC50		STC30	No Requirement			IIC40	
Staff / Administrative Support Teacher Workroom	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Staff / Administrative Support Centralized Printing Room	No	48dB (excluding printing equipment)		No Requirement	STC45	STC30		No Requirement			IIC40	
Grade 9											
General Classroom, Grade 9	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Grade 9 Science Lab	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Grades 7-8 Science Lab Prep Room	Yes	45dB		0.6s	STC45	STC30		STC35		No Requirement	IIC40	
Art Room	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Hydroponics Lab	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
STEM / Robotics Lab	Yes	45dB	40dB	1.0s	STC50		STC30	STC35		No Requirement	IIC40	
Environmental Science Lab	Yes	No Requirement	40dB	No Requirement	STC50		STC30	STC35		No Requirement	IIC40	

(Attachment A1.14) Table PS1030.00-1 Acoustic Performance Criteria (ADDENDUM NO.4 Attachment A4.02)

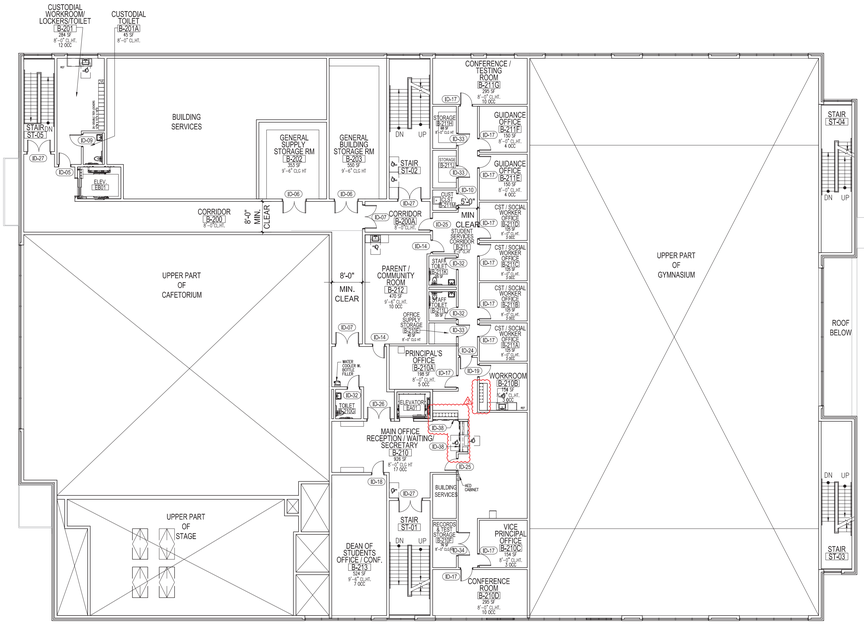
Space	Sensitive Space?	Maximum A-Weighted Background Noise Level		Maximum Mid-Frequency Reverberation Time	Minimum Composite Interior STC Ratings						Minimum Interior Floor IIC Rating where over a Sensitive Space	Comments
					Where the adjacent space is sensitive			Where the adjacent space is not sensitive				
					For ceilings, walls without doors or operating windows, and floors	For walls with doors or operating windows		For ceilings and floors	For walls (including doors and windows)			
		From all sources	From building services			Wall	Doors or operating windows		Typical	For Locker, Changing, Restroom, Toilet, and Storage Rooms accessible only from the other space		
Environmental Science Lab Outdoor Growing Area	No	No Requirement	40dB	No Requirement	See exterior noise requirements						IIC40	
Small Group Instruction	Yes	45dB	40dB	0.6s	STC50		STC30	No Requirement			IIC40	
Staff / Administrative Support Teacher Workroom	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Staff / Administrative Support Centralized Printing Room	No	48dB (excluding printing equipment)		No Requirement	STC45	STC30		No Requirement			IIC40	
	SHARED SPACES											
Cafetorium	Yes	40dB		1.5s	STC55 (STC50 @ operable partition)		STC30 ~~(STC28 @ interior coiling doors)~~	STC40	STC40 **(STC21 @ interior coiling doors)**	**No Requirement**	Not Applicable	Performance space.
Cafetorium Stage / Instrumental Music Room	Yes	40dB		1.0s when operable partition is closed 1.5s when operable partition is open	STC55 (STC50 @ operable partition)		STC30	STC40		**No Requirement**	Not Applicable	Performance space.
Food Service Kitchen	No	48dB (excluding culinary equipment)		No Requirement	STC55		STC30	No Requirement			Not Applicable	
Food Service Servery	No	48dB (excluding culinary equipment)		1.0s	STC55		STC30 (**STC21** ~~STC28~~ @ interior coiling doors)	No Requirement			Not Applicable	
Food Service Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			Not Applicable	
Food Service Locker Room	No	No Requirement		No Requirement	STC45	No Requirement					Not Applicable	
Faculty Conference / Dining Room	Yes	45dB		0.6s	STC45	STC30		STC35		**No Requirement**	Not Applicable	
Gymnasium	Yes	48dB		1.5s	STC55		STC30	STC40		**No Requirement**	Not Applicable	
Gymnasium Physical Education Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			Not Applicable	
Gymnasium Physical Education Locker Room	No	No Requirement		No Requirement	STC45	No Requirement					Not Applicable	
Occupational Therapy / Physical Therapy / Sensory Room	Yes	40dB		0.6s	STC55		STC30	STC35		**No Requirement**	IIC40	
Dance Studio	Yes	45dB	40dB	1.0s	STC55		STC30	STC35		**No Requirement**	IIC55	
Dance Studio Changing Room	No	48dB		0.6s	STC45	No Requirement					IIC40	

(Attachment A1.14) Table PS1030.00-1 Acoustic Performance Criteria (ADDENDUM NO.4 Attachment A4.02)

Space	Sensitive Space?	Maximum A-Weighted Background Noise Level		Maximum Mid-Frequency Reverberation Time	Minimum Composite Interior STC Ratings					Minimum Interior Floor IIC Rating where over a Sensitive Space	Comments
					Where the adjacent space is sensitive			Where the adjacent space is not sensitive			
					For ceilings, walls without doors or operating windows, and floors	For walls with doors or operating windows		For ceilings and floors	For walls (including doors and windows)		
		From all sources	From building services			Wall	Doors or operating windows		Typical	For Locker, Changing, Restroom, Toilet, and Storage Rooms accessible only from the other space	
Vocal Music Room	Yes	40dB		0.6s	STC55		STC30	STC35		No Requirement	IIC40	
Instrumental Music Office / Lesson Room	Yes	40dB		0.6s	STC55		STC30	No Requirement			Not Applicable	
Media Center Reading Rooms / Stacks	Yes	45dB	40dB	1.0s	STC50		STC30	STC35		No Requirement	IIC40	
Media Center Conference Room	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Technology Lab	Yes	45dB	40dB	0.6s	STC50		STC30	STC35		No Requirement	IIC40	
Building Support Services												
Main Entrance / Security Desk	No	45dB		1.0s	STC45	STC30		No Requirement			Not Applicable	
Emergency Control Center	Yes	45dB		0.6s	STC45	STC30		No Requirement			Not Applicable	
Custodial Office/ Back-up Emergency Control Center	Yes	45dB		0.6s	STC45	STC30		No Requirement			Not Applicable	
Custodial Workroom / Lockers	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Receiving Area	No	No Requirement		No Requirement	STC55		STC30	No Requirement			Not Applicable	
ADMINISTRATIVE / STUDENT SERVICES												
Nurse's Office Reception / Intake / Cots	Yes	45dB	40dB	0.6s	STC50		STC30	No Requirement			Not Applicable	
Nurse's Office Isolation Room	Yes	45dB	40dB	0.6s	STC50		STC30	No Requirement			Not Applicable	
Nurse's Office Exam Room	Yes	45dB	40dB	0.6s	STC50		STC30	No Requirement			Not Applicable	
Main Office Reception / Waiting / Secretary	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	**No requirement @ interior coiling doors.**
Main Office Principal Office	Yes	45dB		0.6s	STC50		STC30	No Requirement			IIC40	
Main Office Vice-Principle Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Main Office Dean of Students Office / Conference Room	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Main Office Workroom	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	

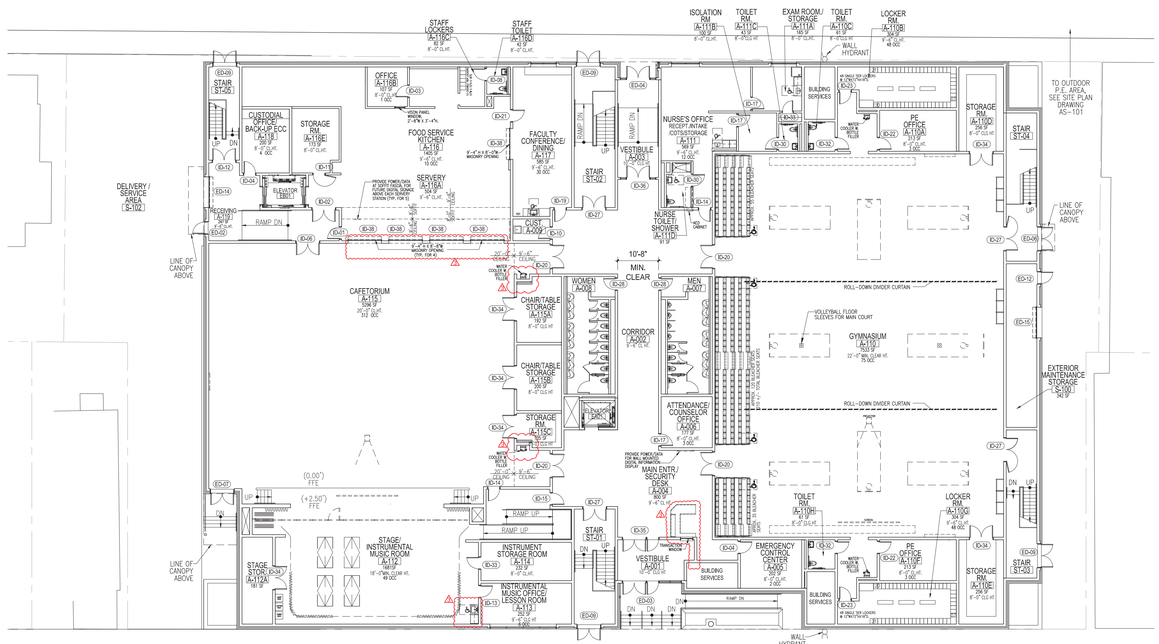
(Attachment A1.14) Table PS1030.00-1 Acoustic Performance Criteria (ADDENDUM NO.4 Attachment A4.02)

Space	Sensitive Space?	Maximum A-Weighted Background Noise Level		Maximum Mid-Frequency Reverberation Time	Minimum Composite Interior STC Ratings					Minimum Interior Floor IIC Rating where over a Sensitive Space	Comments
					Where the adjacent space is sensitive			Where the adjacent space is not sensitive			
					For ceilings, walls without doors or operating windows, and floors	For walls with doors or operating windows		For ceilings and floors	For walls (including doors and windows)		
		From all sources	From building services			Wall	Doors or operating windows		Typical	For Locker, Changing, Restroom, Toilet, and Storage Rooms accessible only from the other space	
Main Office Conference Room	Yes	45dB		0.6s	STC50		STC30	No Requirement			IIC40	
Student Services Child Study Team / Social Worker Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Student Services Guidance Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Student Services Attendance Counselor Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			Not Applicable	
Student Services Conference / Testing Room	Yes	45dB		0.6s	STC50		STC30	No Requirement			IIC40	
Student Services Parent / Community Room	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Remote Administrative Offices Remote Vice Principal Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Remote Administrative Offices Itinerant Support Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Remote Administrative Offices Academic Supervisor Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
Remote Administrative Offices Technology Coach Office	Yes	45dB		0.6s	STC45	STC30		No Requirement			IIC40	
OTHER												
Circulation Spaces	No	48dB		No Requirement	STC30			No Requirement			IIC40	
Restrooms & Toilets	No	No Requirement		No Requirement	STC45	No Requirement					IIC40	
Storage Rooms	No	No Requirements		No Requirement	No Requirement						IIC40	
Building Services Rooms containing any conveying, plumbing, HVAC, or fire protection equipment	No	No Requirement		No Requirement	STC55	Not Permitted		No Requirement			IIC40	
Building Services Rooms containing exclusively electrical, communications, electronic safety and security, or integrated automation equipment	No	No Requirement		No Requirement	STC45	Not Permitted		No Requirement			IIC40	



B SECOND FLOOR PLAN
SCALE : 1/16"= 1'-0"

← 37TH STREET ←



→ 36TH STREET →

A FIRST FLOOR PLAN
SCALE : 1/16"= 1'-0"

TRUE N

0' 16' 32'

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	As Noted
DRAWN BY	NS
CHECKED BY	JTR
APPROVED BY	
DATE	01/07/22

REVISIONS

SYMBOL	DATE	DESCRIPTION
	03/09/22	ADDENDUM
	03/18/22	ADDENDUM
3	04/01/22	ADDENDUM

DRAWING TITLE

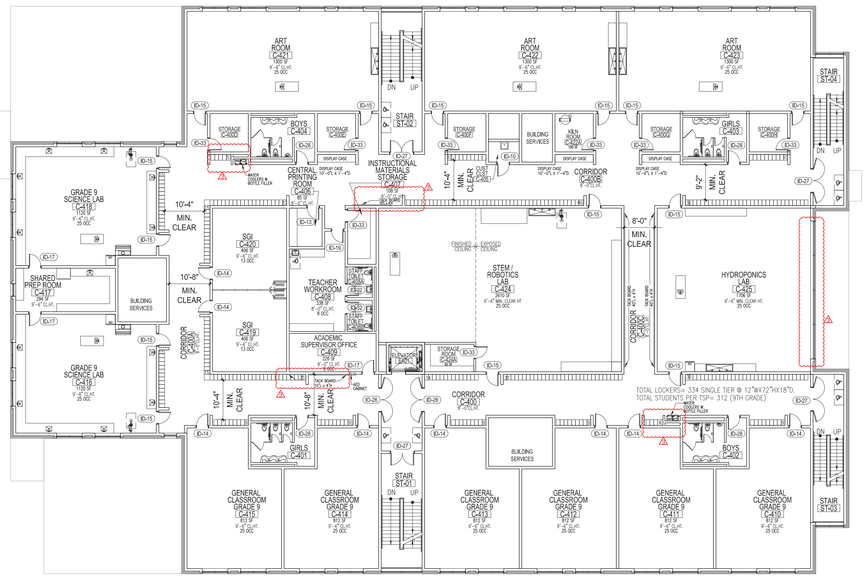
FIRST FLOOR AND SECOND FLOOR PLANS

D.O.E. PROJECT # 5240-N10-16-1000

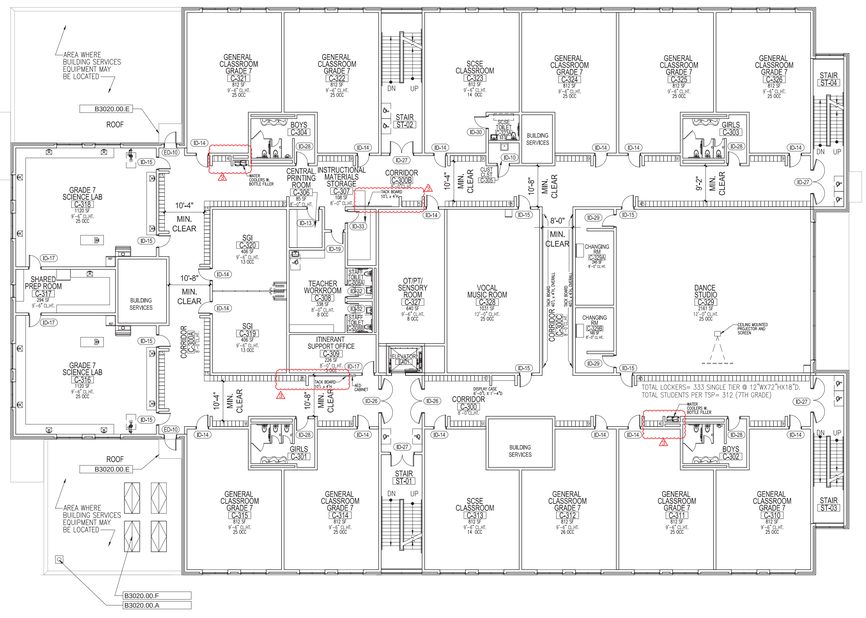
S.D.A. PROJECT # 5240-N10-16-0AEN

DRAWING #

A-101



B FOURTH FLOOR PLAN
SCALE : 1/16"= 1'-0"



A THIRD FLOOR PLAN
SCALE : 1/16"= 1'-0"

LEGEND

B3020.00 Roof Appurtenances
- A - Flagpole
- B - Concrete Plaza-Deck Paver System
- C - Rooftop Planters
- D - Roof Stair
- E - Open Grate Platform and Stair
- F - Heat and Smoke Vents

F1020.40 Engineered Manufactured Structures
- A - Engineered Manufactured Structures

F1020.60 Manufactured Canopies
- C - Low Pitch Rectangular Structure

TRUE N

0' 16' 32'

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	As Noted
DRAWN BY	NS
CHECKED BY	JTR
APPROVED BY	
DATE	01/07/22

REVISIONS

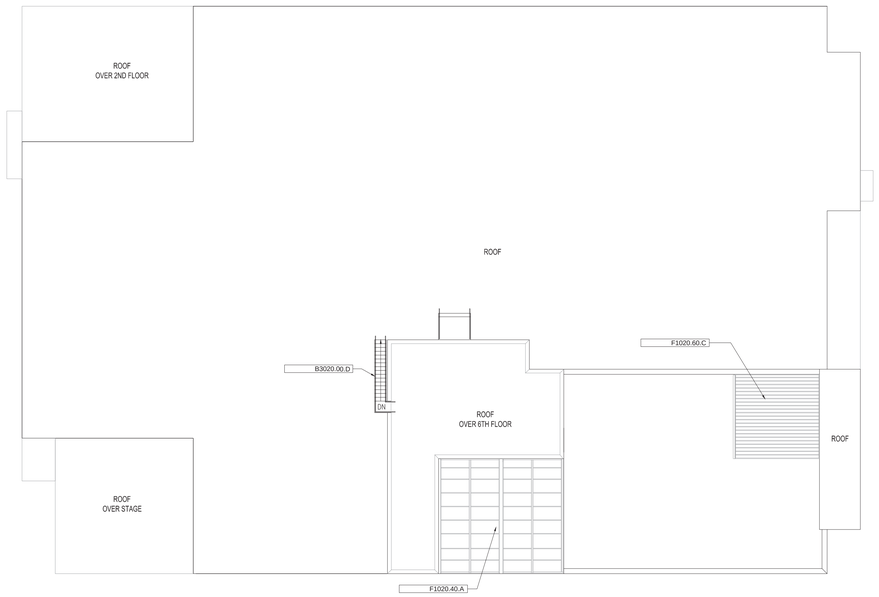
SYMBOL	DATE	DESCRIPTION
	03/09/22	ADDENDUM
	03/18/22	ADDENDUM
1	04/01/22	ADDENDUM

DRAWING TITLE

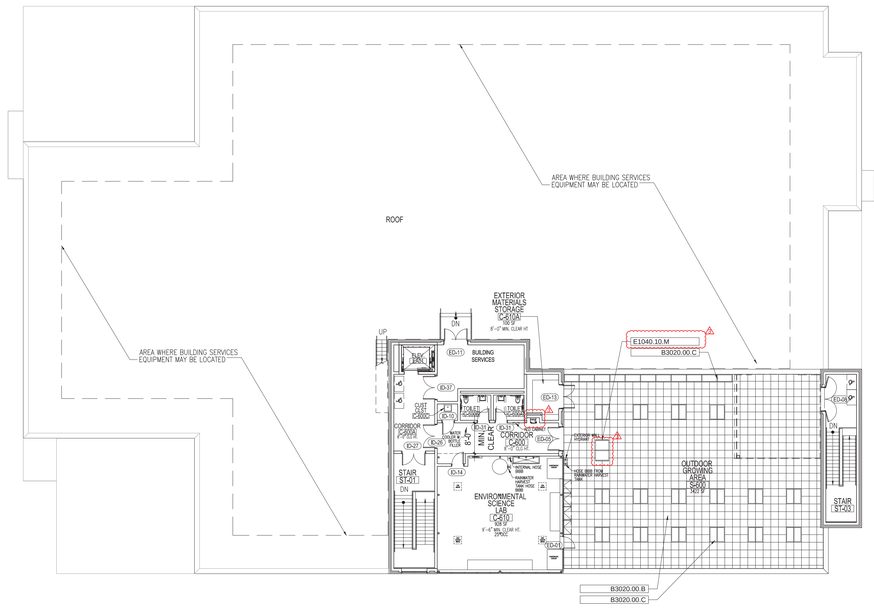
THIRD FLOOR AND FOURTH FLOOR PLANS

D.O.E. PROJECT # 5240-N10-16-1000
SDA PROJECT # 5240-N10-16-0AEN
DRAWING #

A-102



C ROOF PLAN
SCALE : 1/16"= 1'-0"



B SIXTH FLOOR / ROOF PLAN
SCALE : 1/16"= 1'-0"

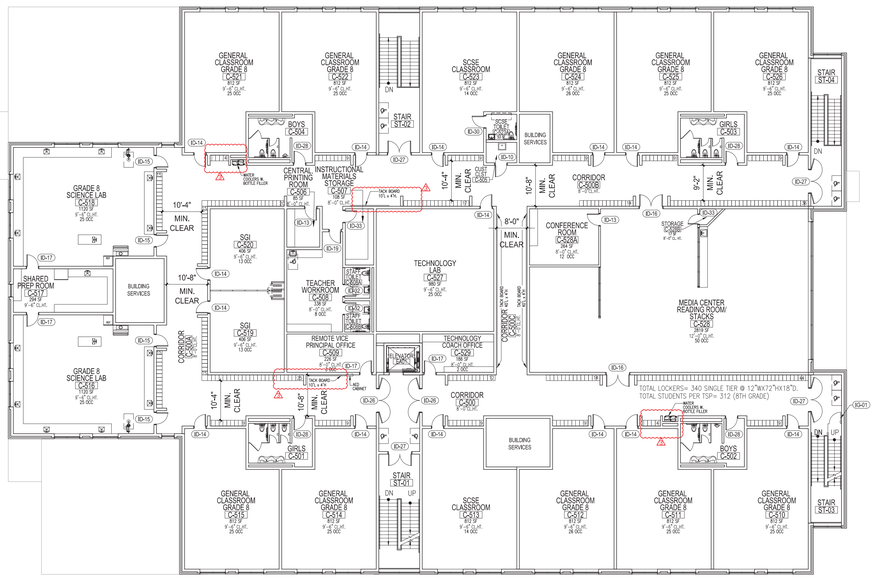
LEGEND

B3020.00 Roof Appurtenances
- A - Flagpole
- B - Concrete Plaza-Deck Paver System
- C - Rooftop Planters
- D - Roof Stair
- E - Open Grate Platform and Stair
- F - Heat and Smoke Vents

E1040.10 Educational and Scientific Equipment
- M – Compost Bin

F1020.40 Engineered Manufactured Structures
- A - Engineered Manufactured Structures

F1020.60 Manufactured Canopies
- C - Low Pitch Rectangular Structure



A FIFTH FLOOR PLAN
SCALE : 1/16"= 1'-0"

TRUE N

0' 16' 32'

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	As Noted
DRAWN BY	NS
CHECKED BY	JTR
APPROVED BY	
DATE	01/07/22

REVISIONS

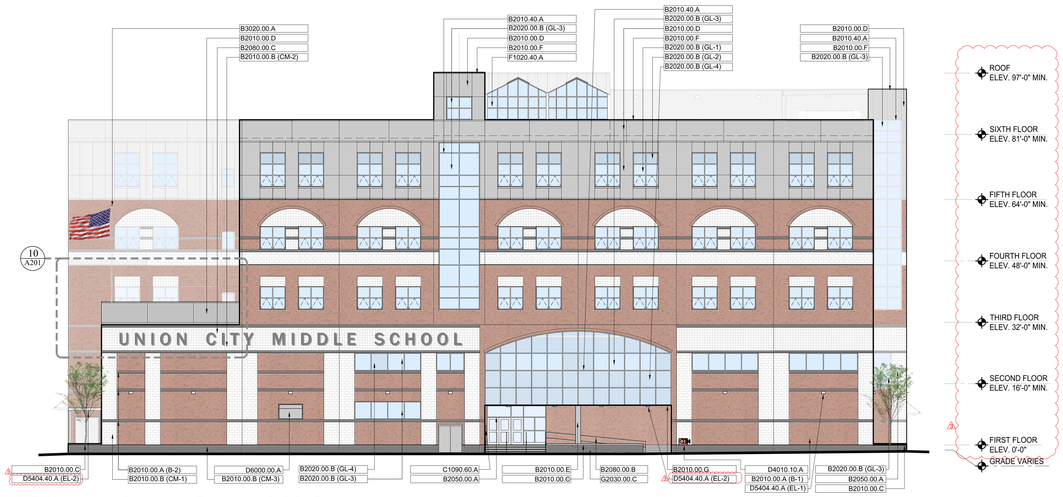
SYMBOL	DATE	DESCRIPTION
	03/09/22	ADDENDUM
	03/18/22	ADDENDUM
3	04/01/22	ADDENDUM

DRAWING TITLE

FIFTH FLOOR,
SIXTH FLOOR,
AND ROOF PLANS

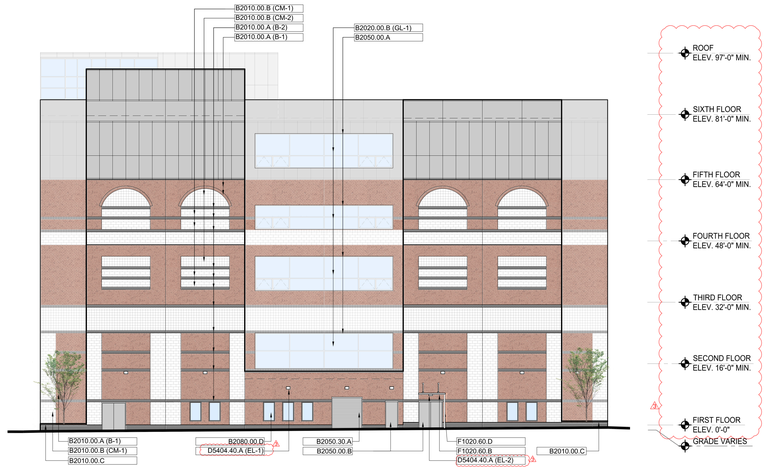
D.O.E. PROJECT # 5240-N10-16-1000
S.D.A. PROJECT # 5240-N10-16-0AEN
DRAWING #

A-103



1 SOUTH ELEVATION AT 36th STREET - A

SCALE : 1/16" = 1' - 0"



2 EAST ELEVATION - B

SCALE : 1/16" = 1' - 0"

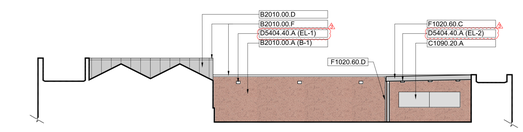
3 NORTH ELEVATION AT 37th STREET - C

SCALE : 1/16" = 1' - 0"

4 WEST ELEVATION - D

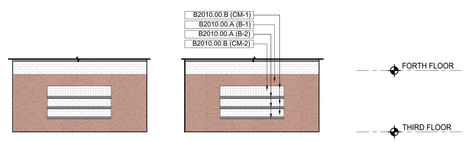
SCALE : 1/16" = 1' - 0"

0" 16' 32'



5 ROOF ELEVATION A1

SCALE : 1/16" = 1' - 0"

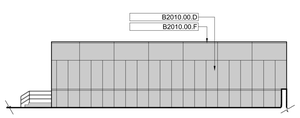


6 PART. ELEV. D2

SCALE : 1/16" = 1' - 0"

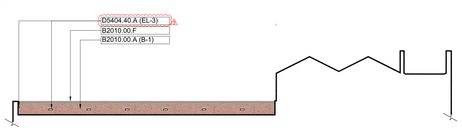
7 PARTIAL ELEV. D1

SCALE : 1/16" = 1' - 0"



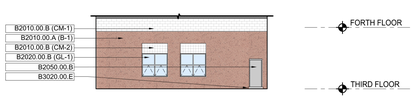
8 ROOF ELEVATION D1

SCALE : 1/16" = 1' - 0"



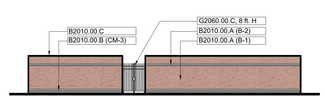
9 ROOF ELEVATION C2

SCALE : 1/16" = 1' - 0"



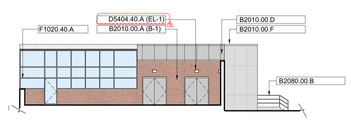
10 PARTIAL ELEVATION A2

SCALE : 1/16" = 1' - 0"



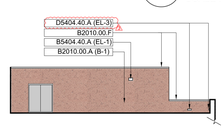
11 ELEVATION C2 AT 38th ST.

SCALE : 1/16" = 1' - 0"



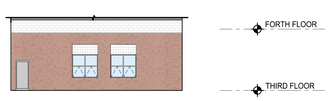
12 ROOF ELEVATION B1

SCALE : 1/16" = 1' - 0"



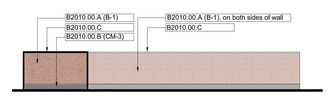
13 ROOF ELEVATION D4

SCALE : 1/16" = 1' - 0"



14 PARTIAL ELEVATION C1

SCALE : 1/16" = 1' - 0"



15 ELEVATION B2

SCALE : 1/16" = 1' - 0"

LEGEND

B2010.00 Exterior Walls
- A - Brick Veneer (Type)
- B - CMU Veneer (Type)
- C - Cast Stone
- D - Metal Panel
- E - Metal Column Cover
- F - Metal Coping
- G - Metal Soffit

B2010.40 Curtain Wall Assemblies
- A - Curtain Wall Assembly

B2020.00 Exterior Windows
- A - Exterior Aluminum Window
- B - Exterior Glazing (Type)

B2050.00 Exterior Doors and Grilles
- A - Entrance Doors and Storefront
- B - FRP Doors

B2050.30 Exterior Oversize Doors
- A - Overhead Coiling Door

B2080.00 Exterior Wall Appurtenances
- A - Exterior Louvers (Color)
- B - Exterior Railings and Handrails
- C - Building Identification Signage
- D - Recessed Exterior Display Cases

B3020.00 Roof Appurtenances
- A - Flagpole
- B - Concrete Plaza-Deck Paver System
- C - Rooftop Planters
- D - Roof Stair
- E - Open Grate Platform and Stair
- F - Heat and Smoke Vents

C1090.20 Information Specialties
- A - Exterior Chalkboard

C1090.60 Safety Specialties
- A - Wall-Mounted Rapid Entry System

D4010.10
- A - Fire Department Connection

D5040.40 Exterior Area Lighting
- A - Exterior Luminaire (Type)

D6000.00 Communications
- A - Exterior LED Display Panel

F1020.40 Engineered Manufactured Structures
- A - Engineered Manufactured Structures

F1020.60 Manufactured Canopies
- A - Flat Roof Canopy System
- B - Suspended Canopy System
- C - Low Pitch Rectangular Structure
- D - Downspout

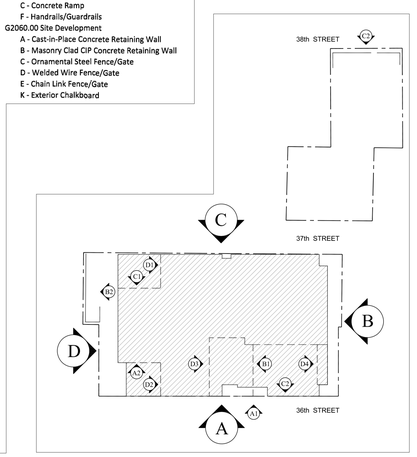
G2010.00 Roadways
- E - Guide Rail
- F - Traffic Signage

G2030.00 Pedestrian Plazas and Walkways
- B - Concrete Stair
- C - Concrete Ramp
- F - Handrails/Guardrails

G2060.00 Site Development
- A - Cast-in-Place Concrete Retaining Wall
- B - Masonry Clad CIP Concrete Retaining Wall
- C - Ornamental Steel Fence/Gate
- D - Welded Wire Fence/Gate
- E - Chain Link Fence/Gate
- K - Exterior Chalkboard

16 LEGEND

NOT TO SCALE



17 KEY PLAN

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

N

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	1/16"=1'-0"
DRAWN BY	BK
CHECKED BY	JR
APPROVED BY	RS
DATE	01/07/22

REVISIONS

SYMBOL	DATE	DESCRIPTION
	03/09/22	ADDENDUM
	03/18/22	ADDENDUM
3	04/01/22	ADDENDUM

DRAWING TITLE

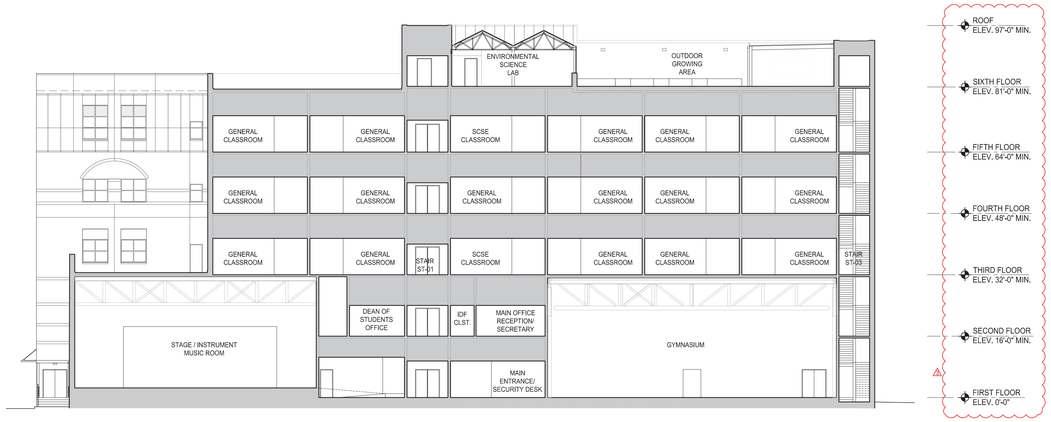
EXTERIOR ELEVATIONS

D.O.E PROJECT # 5240-N10-16-1000

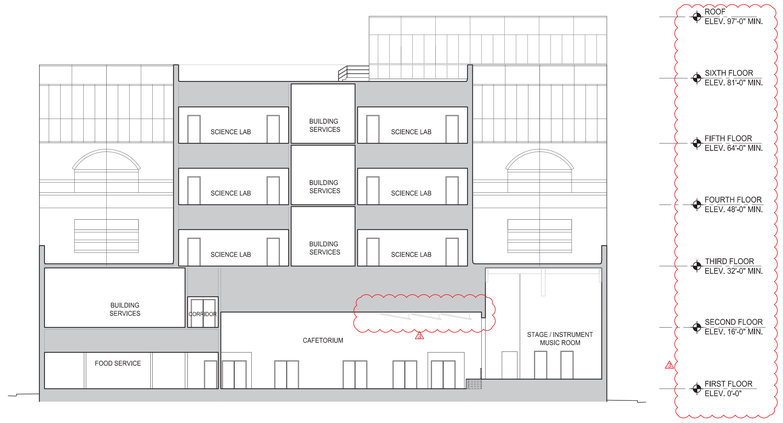
S.D.A PROJECT # 5240-N10-16-0AEN

DRAWING #

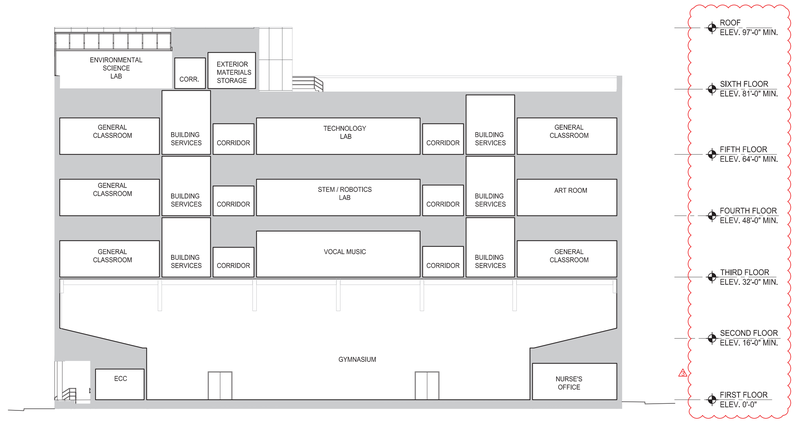
A-201



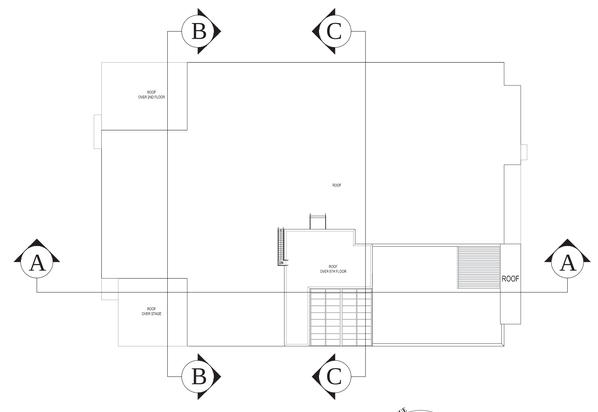
A BUILDING SECTION A-A
SCALE : 1/16"= 1'-0"



B BUILDING SECTION B-B
SCALE : 1/16"= 1'-0"



C BUILDING SECTION C-C
SCALE : 1/16"= 1'-0"



KEY PLAN
NOT TO SCALE

TRUE N

0' 16' 32'

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	AS NOTED
DRAWN BY	NS
CHECKED BY	jtr
APPROVED BY	
DATE	01/07/22

REVISIONS

SYMBOL	DATE	DESCRIPTION
	03/09/22	ADDENDUM
	03/18/22	ADDENDUM
1	04/01/22	ADDENDUM

DRAWING TITLE

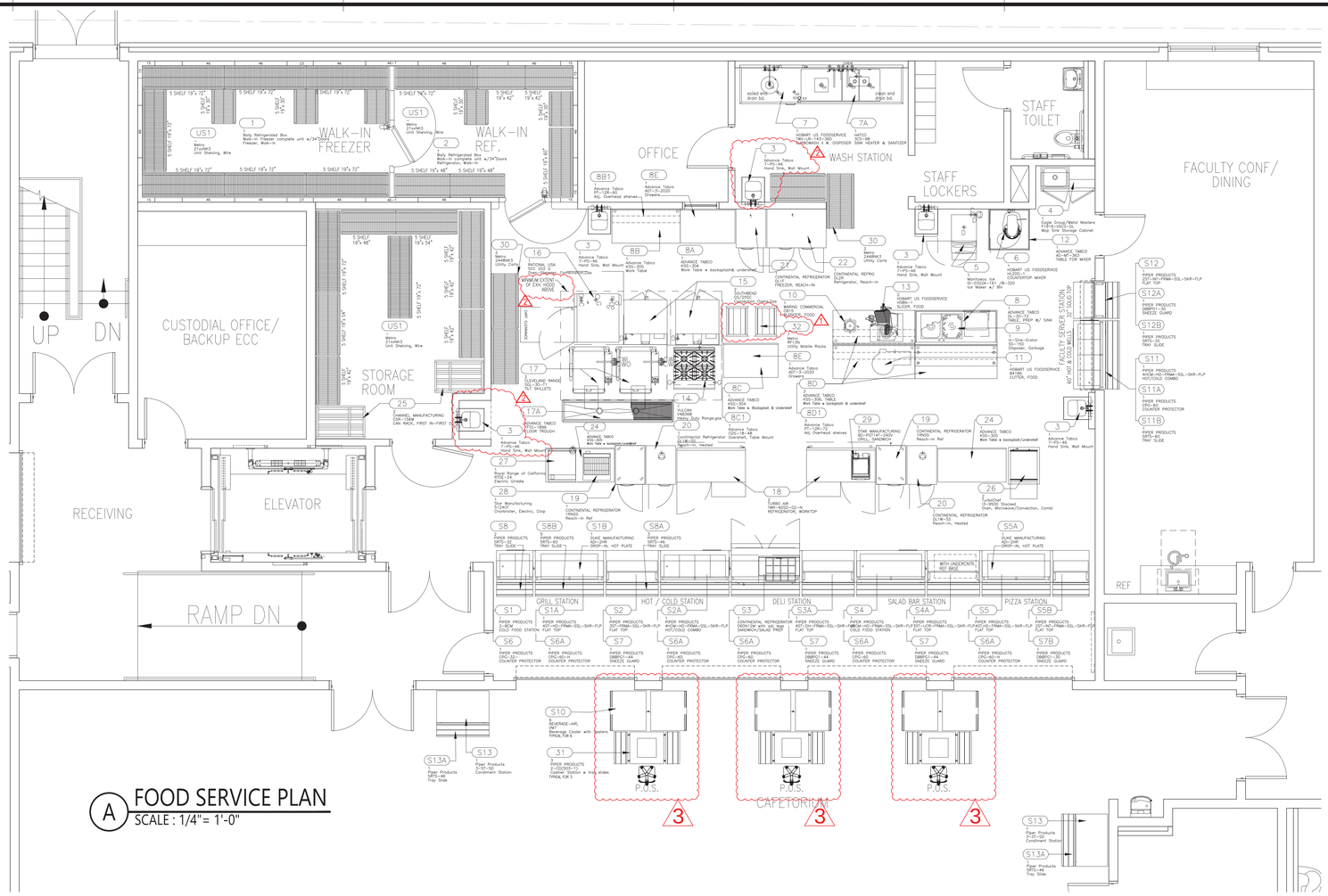
BUILDING SECTIONS

D.O.E. PROJECT # 5240-N10-16-1000

S.D.A. PROJECT # 5240-N10-16-0AEN

DRAWING #

A-301



A FOOD SERVICE PLAN
SCALE : 1/4" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

Item No.	Qty	Equipment Category	Manufacturer	Model Number	Amps	KW	HP	Volts	Phase	NEMA	Electrical Circuit (#)	Electrical Circuit (#)	Cold Water Size (in)	Cold Water (#)	Hot Water (#)	Hot Water (#)	Hot Water (#)	Hot Water (#)	Drain Size (in)	Size (in)	Qty	MBTUH	Qty	Qty	Equipment Remarks
1	1	Freezer, Walk-In	Bally Refrigerated Box	Walk-in Freezer complete unit w/34"Doors																					
2	1	Refrigerator, Walk-In	Bally Refrigerated Box	Walk-in complete unit w/34"Doors																					
3	5	Hand Sink, Wall Mount	Advance Tabco	7-PS-46																					
4	1	Mop Sink Storage Cabinet	Eagle Group/Metal Masters	F1916-VSCS-DL																					
5	1	Ice Maker w/ Bin	Manitowoc Ice	ID-0322A-161 /B-320	11.5			115	1																
6	1	COUNTERTOP MIXER	HOBART US FOODSERVICE	HL200-1	8.0		0.5	100-120	1	X 5-15P		3.75													
7	1	TURBOWASH II W. DISPOSER	HOBART US FOODSERVICE	TWH-LR-143-36D							51.5		0.375	40											
7A	1	SINK HEATER & SANITIZER	HATCO	3CS-9B	25.0	9.0		208	3		10														
8	1	TABLE, PREP W/ SINK	ADVANCE TABCO	DL-30-72																					w. garbage disposer
8A	1	Work Table w backsplash& undershelf	ADVANCE TABCO	KSS-304																					
8B	1	Work Table	Advance Tabco	KSS-305																					w backsplash & undershelf
8B1	1	Adj. Overhead shelves	Advance Tabco	PT-12R-60																					w. SCT-60, AUR-60
8C	1	Work Table w. Backsplash & Undershelf	ADVANCE TABCO	KSS-304																					With Drawers & Overshelf
8C1	1	Overshelf, Table Mount	Advance Tabco	CDS-18-48																					
8D	3	Work Table w backsplash & undershelf	ADVANCE TABCO	KSS-306, TABLE																					w. overshelf PT-12R-72
8D1	3	Adj Overhead shelves	Advance Tabco	PT-12R-72																					
8E	2	Drawers	Advance Tabco	ADT-3-2020																					
9	1	Disposer, Garbage	In-Sink-Erator	SS-150	12.2		1.5	120	1		12		0.5	24							2				
10	1	BLENDER, FOOD	WARING COMMERCIAL	CB15																					
11	1	CUTTER, FOOD	HOBART US FOODSERVICE	84186			1.0	115	1	X 5-15P		4.5													
12	1	TABLE FOR MIXER	ADVANCE TABCO	AG-MT-363																					
13	2	SLICER, FOOD	HOBART US FOODSERVICE	HSBN-1	5.4		0.5	120	1	X 5-15P															
14	1	Heavy Duty Range,gas	VULCAN	V48SS6B																	1.25	132	28.75		
15	2	Convection Ovens,Gas	SOUTHBEND	CG/25SC	7.9	1.0	0.5	120	1	X 5-15P											0.75	90			
16	1	Oven-Steamer, Combination,Gas	RATIONAL USA	SCC 202 G	15.0	1.6		208-240	1	X 6-15P	5.5		0.75	5.5							1	336	5.75		
													0.75	5.5											
17	2	TILT SKILLETS	CLEVELAND RANGE	SGL-30-T1	1.4			120	1	X 5-15P	21.25										0.75	125	12.5		
17A	1	FLOOR TROUGH	ADVANCE TABCO	FFTG-1896																					
18	2	REFRIGERATOR, WORKTOP	TURBO AIR	TWR-60SD-D2-N	8.9		0.3	115	1	X 5-15P	12														
19	2	Reach-In Ref	CONTINENTAL REFRIGERATOR	1RNSS	6.9		0.2	120	1	X 5-15P	12.25														
20	1	Reach-In, Heated	Contintental Refrigerator	DL1W-SS	7.8	1.5		120	1		12.25														
20	1	Reach-In, Heated	CONTINENTAL REFRIGERATOR	DL1W-SS	7.8	1.5		120	1		12.25														
21	1	FREEZER, REACH-IN	CONTINENTAL REFRIGERATOR	DL1F	7.6		0.3	120	1	X 5-15P	12.25														
22	1	Refrigerator, Reach-In	CONTINENTAL REFRIG	DL2R	9.1		0.3	120	1	X 5-15P	12.25														
24	2	Work Table w backsplash/undershelf	ADVANCE TABCO	KSS-305																					
25	2	CAN RACK, FIRST IN-FIRST OUT	CHANNEL MANUFACTURING	CSR-156M																					
26	2	Oven, Microwave/Convection, Combi	TurboChef	i3-9500 Stacked	40.0	8.3		208	1	X 6-50P		4													Provide Stacking Stand
27	1	Electric Griddle	Royal Range of California	RTGE-24	33.0	6.8		208	1	X		7													
28	1	Charbroiler, Electric, Ctop	Star Manufacturing	5124CF	31.8			208	1																
29	1	GRILL, SANDWICH	STAR MANUFACTURING	9D-PGT14T-240V	7.5	1.8		240		X 6-15P															
30	4	Utility Carts	Metro	2448NK3																					2 Tier Wire shelving
31	3	Cashier Station w tray slides	PIPER PRODUCTS	2-CD(503-1)																					
32	7	Utility Mobile Racks	Metro	RF13N																					extra (5) racks to be located
S1	1	COLD FOOD STATION	PIPER PRODUCTS	2-BCM																					provide Adaptor bars
S1A	1	FLAT TOP	PIPER PRODUCTS	4ST-HD-FRMA-SSL-SKR-FLP																					
S1B	1	DROP-IN, HOT PLATE	DUKE MANUFACTURING	ADI-2HR	8.3	1.0		120	1																
S2	1	FLAT TOP	PIPER PRODUCTS	3ST-FRMA-SSL-SKR-FLP																					
S2A	1	HOT/COLD COMBO	PIPER PRODUCTS	4HCM-HD-FRMA-SSL-SKR-FLP	25.0	3.0	1/3	120	1			6	6												Provide Adaptor Bars
S3	1	SANDWICH/SALAD PREP	CONTINENTAL REFRIGERATOR	D60N12M with adj legs	8.2		0.2	115	1	X 5-15P	7														with False Front & Skirt

FOOD SERVICE EQUIPMENT SCHEDULE

Item No.	Qty	Equipment Category	Manufacturer	Model Number	Amps	KW	HP	Volts	Phase	NEMA	Electrical Circuit (#)	Electrical Circuit (#)	Cold Water Size (in)	Cold Water (#)	Hot Water (#)	Hot Water (#)	Hot Water (#)	Hot Water (#)	Drain Size (in)	Size (in)	Qty	MBTUH	Qty	Qty	Equipment Remarks
S3A	1	FLAT TOP	PIPER PRODUCTS	4ST-DH-FRMA-SSL-SKR-FLP																					
S4	1	COLD FOOD STATION	PIPER PRODUCTS	4BCM-HD-FRMA-SSL-SKR-FLP																					Provide Adaptor Bars
S4A	1	FLAT TOP	PIPER PRODUCTS	3ST-UCR-FRMA-SSL-SKR-FLP																					
S5	1	FLAT TOP	PIPER PRODUCTS	4ST,HD-FRMA-SSL-SKR-FLP																					
S5A	1	DROP-IN, HOT PLATE	DUKE MANUFACTURING	ADI-2HR	8.3	1.0		120	1																
S5B	1	FLAT TOP	PIPER PRODUCTS	2ST-INT-FRMA-SSL-SKR-FLP																					
S6	1	COUNTER PROTECTOR	PIPER PRODUCTS	CPG-32-																					
S6A	3	COUNTER PROTECTOR	PIPER PRODUCTS	CPG-60																					
S6A	2	COUNTER PROTECTOR	PIPER PRODUCTS	CPG-60-H																					w. Heat Strip
S7	3	SNEEZE GUARD	PIPER PRODUCTS	DBBPG1-44																					
S7B	1	SNEEZE GUARD	PIPER PRODUCTS	DBBPG1-30																					
S8	2	TRAY SLIDE	PIPER PRODUCTS	SRTS-32																					
S8A	3	TRAY SLIDE	PIPER PRODUCTS	SRTS-46																					
S8B	5	TRAY SLIDE	PIPER PRODUCTS	SRTS-60																					
S10	6	Beverage Cooler with Casters	BEVERAGE-AIR,	VM7	8.0		0.3	115	1	X 5-15P	305														35"Wx 30.3"Dx 57.5"H, Lockable
S11	1	HOT/COLD COMBO	PIPER PRODUCTS	4HCM-HD-FRMA-SSL-SKR-FLP	25.0	3.0	1/3	120	1			6	6												Provide Adaptor Bars
S11A	1	COUNTER PROTECTOR	PIPER PRODUCTS	CPG-60																					
S11B	1	TRAY SLIDE	PIPER PRODUCTS	SRTS-60																					
S12	1	FLAT TOP	PIPER PRODUCTS	2ST-INT-FRMA-SSL-SKR-FLP																					
S12A	1	SNEEZE GUARD	PIPER PRODUCTS	DBBPG1-30																					
S12B	1	TRAY SLIDE	PIPER PRODUCTS	SRTS-32																					
S13	2	Condiment Station	Piper Products	3-ST-SD																					on casters
S13A	2	Tray Slide	Piper Products	SRTS-46																					
US1	–	Unit Shelving, Wire	Metro	21wNK3																					see plan for quantity

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	AS NOTED
DRAWN BY	NS
CHECKED BY	JTR
APPROVED BY	
DATE	01/07/22

REVISIONS

SYMBOL	DATE	DESCRIPTION
1	03/09/22	ADDENDUM
2	03/18/22	ADDENDUM
3	04/01/22	ADDENDUM

DRAWING TITLE

FOOD SERVICE PLAN AND EQUIPMENT SCHEDULE

D.O.E. PROJECT # 5240-N10-16-1000
SDA PROJECT # 5240-N10-16-0AEN
DRAWING #

A-801

FLOOR FINISHES

	TER–1	TERRAZZO
	VCT–1	FIELD
	VCT–2	CHECKERBOARD
	VCT–3	ACCENT
	VCT–4	ACCENT
	VCT–5	ACCENT
	VCT–6	ACCENT
	VCT–7	ACCENT
	VCT–8	STATIC–DISSIPATIVE
	RFE–1	RESINOUS EPOXY FLOORING
	QT–1	QUARRY TILE
	CT–1	CERAMIC TILE (UNGLAZED)
	RWF–1	WOOD FLOORING SYSTEM
	RWF–2	WOOD FLOORING SYSTEM
	RWF–3	WOOD FLOORING SYSTEM
	RSF–1	RESILIENT SHEET FLOORING
	RSF–2	RESILIENT SHEET FLOORING FOR STAIRS AND LANDINGS
	CPT–1	CARPET TILE

BASE FINISHES

TER–1	TERRAZZO
VB–1	VINYL BASE
VRB–1	VENTED RUBBER BASE
RFE–1	INTEGRAL EPOXY RESINOUS BASE
QT–1	QUARRY TILE COVE BASE
CT–1	CERAMIC TILE COVE BASE (UNGLAZED)
RSF–1	INTEGRAL RESILIENT BASE

WALL FINISHES

P–1	GENERAL WALL COLOR
P–2	WALL COLOR, PAINTED DOORS/FRAME COLOR U.N.O.
P–3	ACCENT COLOR
P–4	ACCENT COLOR
P–5	ACCENT COLOR
P–6	ACCENT COLOR
P–7	ACCENT COLOR
EP–1	COLOR TO MATCH P–1
EP–2	COLOR TO MATCH P–2
EP–3	COLOR TO MATCH P–3
EP–4	COLOR TO MATCH P–4
EP–5	COLOR TO MATCH P–5
EP–6	COLOR TO MATCH P–6
EP–7	COLOR TO MATCH P–7
CTG–1	CERAMIC TILE (GLAZED)

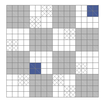
NOTES

1. VINYL BASE TO BE 6" COVE BASE AT LOCKERS AND 4" ALL OTHER VINYL BASE LOCATIONS UNLESS OTHERWISE NOTED. ARCHITECT TO COORDINATE ALL BASE HEIGHT AND MATERIAL TRANSITIONS.
2. ARCHITECT TO PROVIDE ALL FLOOR FINISH MATERIAL TRANSITION DETAILS.
3. DOOR FRAMES OF WOOD DOORS THAT OCCUR IN ACCENT WALLS TO BE PAINTED ACCENT COLOR. ALL OTHER DOOR FRAMES AND DOORS THAT OCCUR IN ACCENT WALLS TO BE PAINTED ACCENT COLOR.
4. LOCATED IN WALLS THAT ARE P–1, DOORS THAT ARE PAINTED AND ADJACENT FRAMES TO BE PAINTED P–2.
5. WHERE COLUMNS OCCUR IN ACCENT WALL, COLUMN TO BE INCLUDED IN ACCENT COLOR.
6. GRAIN OF VCT TO RUN IN ONE DIRECTION.
7. STAIR FINISH AND LANDING FINISH TO BE PART OF STAIR FINISH SYSTEM.
8. RAMPS ARE TO MATCH ADJACENT FLOOR FINISH WITH PROPER SLIP RESISTANCE TO MEET CODE REQUIREMENTS.
9. THESE DRAWINGS CONVEY DESIGN INTENT FOR FINISHES, ACCENT WALLS, AND FLOOR PATTERNS ONLY.
10. REFER TO THE EDUCATIONAL AND PERFORMANCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
11. SEE EDUCATIONAL SPECIFICATIONS FOR ROOMS REQUIRING ACOUSTICAL WALL TREATMENTS AND PROVIDE AS REQUIRED.

ROOM TAG KEY

ROOM NAME
RM #
FLOOR | BASE | WALL
WORKSTATION

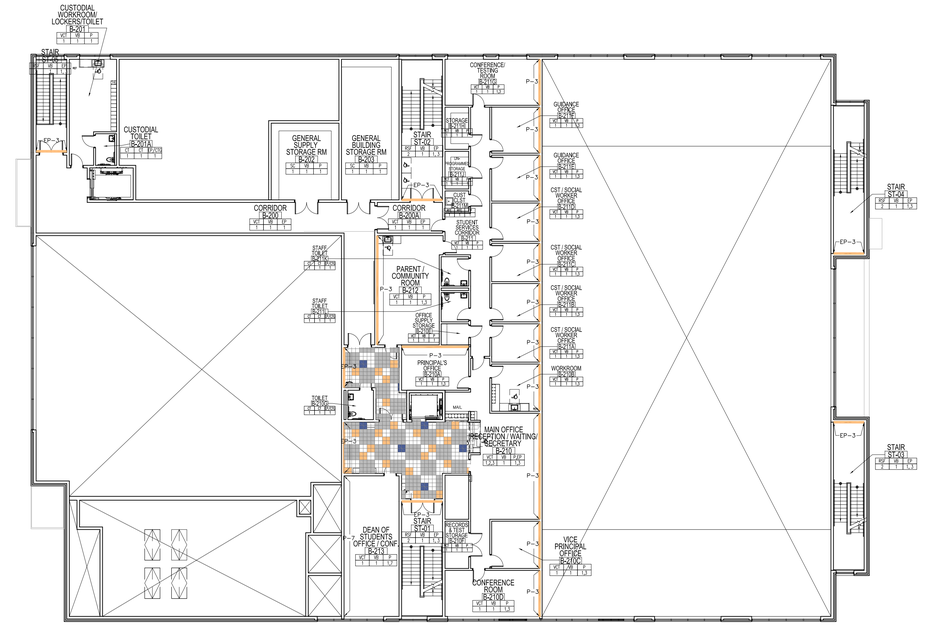
FLOOR PATTERN REPEAT



= VCT–3 ACCENT (2ND FLOOR)
= VCT–4 ACCENT (3RD FLOOR)
= VCT–5 ACCENT (4TH FLOOR)
= VCT–6 ACCENT (5TH FLOOR)

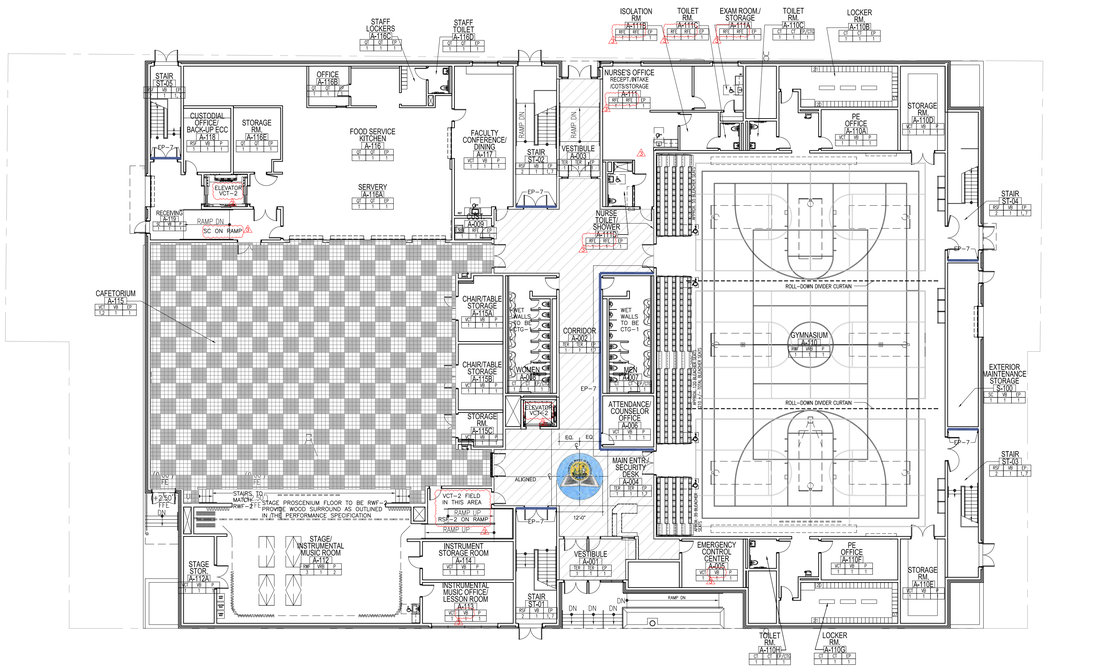
A LEGEND

SCALE : not to scale



C SECOND FLOOR FINISH PLAN

SCALE : 1/16"= 1'-0"



B FIRST FLOOR FINISH PLAN

SCALE : 1/16"= 1'-0"

TRUE N

0' 16' 32'

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	As Noted
DRAWN BY	KNR
CHECKED BY	JTR
APPROVED BY	
DATE	01/07/22

REVISIONS

SYMBOL	DATE	DESCRIPTION
	03/09/22	ADDENDUM
	03/18/22	ADDENDUM
3	04/01/22	ADDENDUM

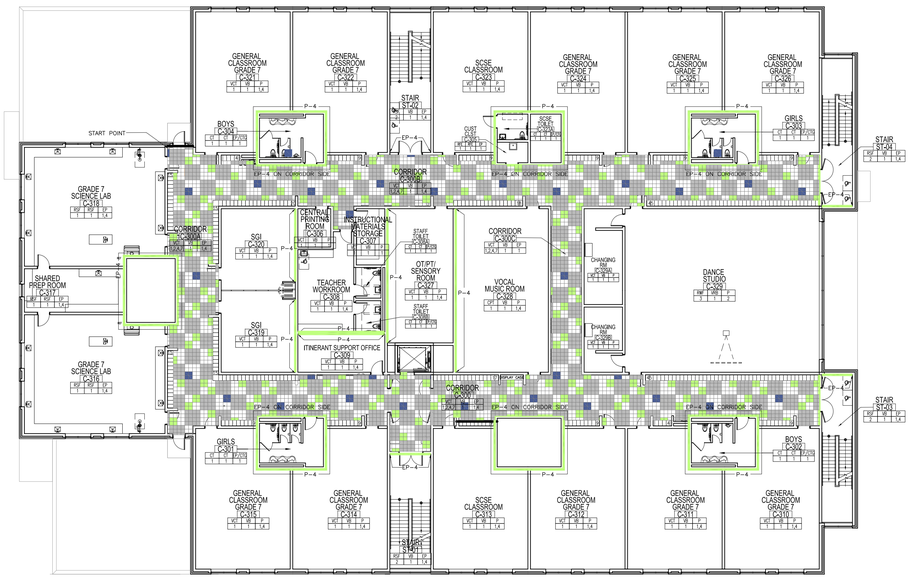
DRAWING TITLE

FIRST FLOOR AND SECOND FLOOR INTERIOR FINISH PLANS

D.O.E. PROJECT # 5240-N10-16-1000
SDA PROJECT # 5240-N10-16-0AEN
DRAWING #

AF-101

B FOURTH FLOOR FINISH PLAN
SCALE : 1/16"= 1'-0"



A THIRD FLOOR FINISH PLAN
SCALE : 1/16"= 1'-0"

TRUE N

0' 16' 32'

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

SCALE	As Noted
DRAWN BY	KNR
CHECKED BY	JTR
APPROVED BY	
DATE	01/07/22

REVISIONS

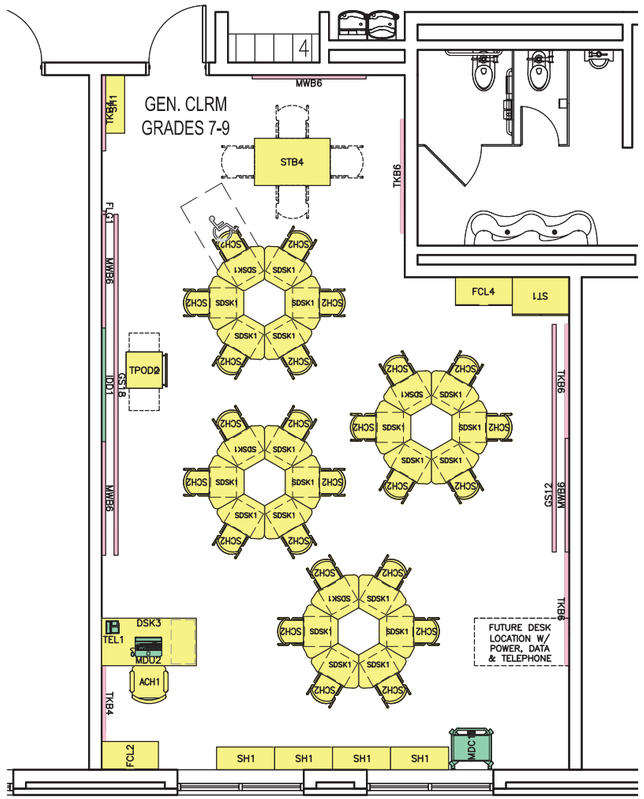
SYMBOL	DATE	DESCRIPTION
	03/09/22	ADDENDUM
	03/18/22	ADDENDUM
3	04/01/22	ADDENDUM

DRAWING TITLE

THIRD FLOOR AND FOURTH FLOOR INTERIOR FINISH PLANS

D.O.E. PROJECT # 5240-N10-16-1000
SDA PROJECT # 5240-N10-16-0AEN
DRAWING #

AF-102



1 GENERAL CLASSROOM TYPE A

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

GENERAL CLASSROOM TYPE "A"			PROVIDED BY				SIZE						TOTAL ROOMS = 18 GRADE 7-8: 12 GRADE 9: 6
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT'S DESK		SDSK1		*			2.74	1.75	2.50	24	4.80	115.08	
STUDENT TABLE-30X48		STB4		*			2.50	4.00	2.50	1	10.00	10.00	
ADMINISTRATIVE DESK-30X60	P/D	DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
STUDENT'S CHAIR		SCH2		*			1.45	1.37	1.25	24	1.99	47.68	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	5	3.58	17.90	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (24) MOBILE DEVICES
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
MOBILE TEACHER PODIUM	P/D	TPOD2		*			1.92	1.92	3.42	1	3.69	3.69	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	4			
TACK BOARD		TKB6	*					6.00	4.00	3			
TACK BOARD		TKB4	*					4.00	4.00	2			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENT'S MOBILE DEVICE		MDU1			*					24			
TELEPHONE HANDSET	P/D	TEL1	*							1			PROVIDE ADDITIONAL INFRASTRUCTURE FOR FUTURE DESK
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												605.90	
REQUIRED PROGRAM SF												800.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

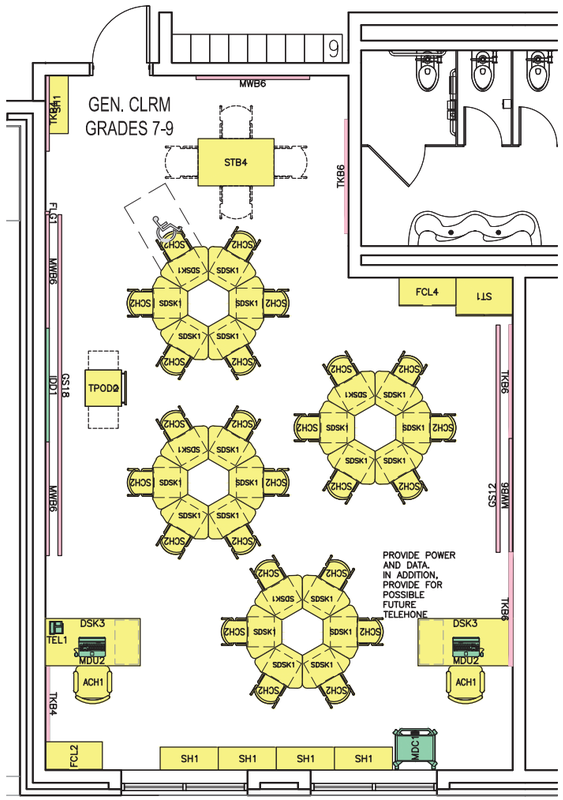
DRAWING TITLE
GENERAL CLASSROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-102) E-1a

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 GENERAL CLASSROOM TYPE B

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

GENERAL CLASSROOM TYPE "B"			PROVIDED BY				SIZE						TOTAL ROOMS = 6 2 PER GRADES 7 ,8, AND 9
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				2	15.00	30.00	
FURNITURE AND EQUIPMENT													
STUDENTS DESK		SDSK1		*			2.74	1.75	2.50	24	4.80	115.08	
STUDENT TABLE-30X48		STB4		*			2.50	4.00	2.50	1	10.00	10.00	
ADMINISTRATIVE DESK-30X60	P/D	DSK3		*			2.50	5.00	2.50	2	12.50	25.00	
STUDENTS CHAIR		SCH2		*			1.45	1.37	1.25	24	1.99	47.68	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	5	3.58	17.90	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (24) MOBILE DEVICES
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
MOBILE TEACHER PODIUM	P/D	TPOD2		*			1.92	1.92	3.42	1	3.69	3.69	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	4			
TACK BOARD		TKB6	*					6.00	4.00	3			
TACK BOARD		TKB4	*					4.00	4.00	2			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENTS MOBILE DEVICE		MDU1			*					24			
TELEPHONE HANDSET	P/D	TEL1	*							1			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					2			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												637.40	
REQUIRED PROGRAM SF												800.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

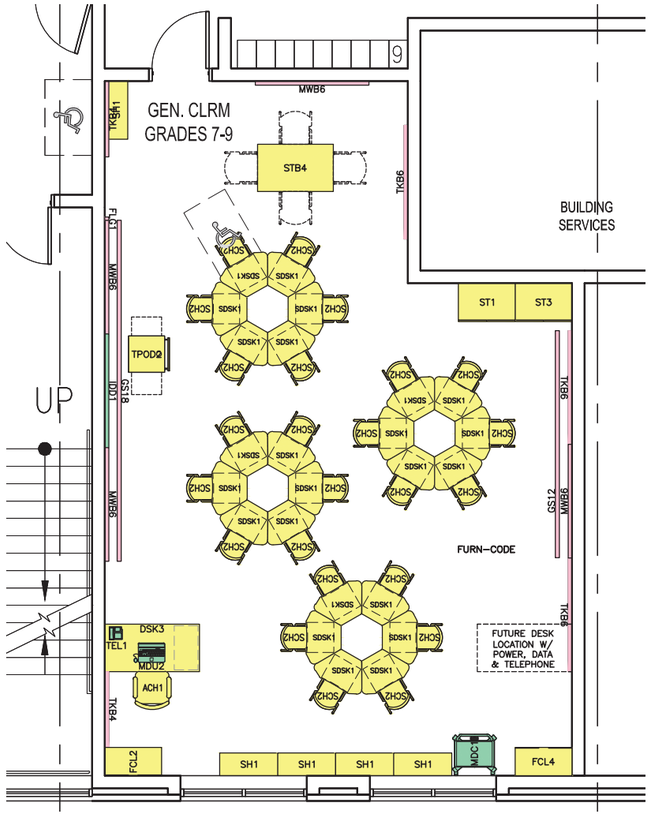
DRAWING TITLE
GENERAL CLASSROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-102) E-1b

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 GENERAL CLASSROOM TYPE C

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

GENERAL CLASSROOM TYPE "C"			PROVIDED BY				SIZE						TOTAL ROOMS = 2 GRADE 7-8: 2
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT'S DESK		SDSK1		*			2.74	1.75	2.50	24	4.80	115.08	
STUDENT TABLE-30X48		STB4		*			2.50	4.00	2.50	1	10.00	10.00	
ADMINISTRATIVE DESK-30X60	P/D	DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
STUDENT'S CHAIR		SCH2		*			1.45	1.37	1.25	24	1.99	47.68	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	5	3.58	17.90	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (24) MOBILE DEVICES
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
MOBILE TEACHER PODIUM	P/D	TPOD2		*			1.92	1.92	3.42	1	3.69	3.69	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6	1	6.00	6.00	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	4			
TACK BOARD		TKB6	*					6.00	4.00	3			
TACK BOARD		TKB4	*					4.00	4.00	2			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENT'S MOBILE DEVICE		MDU1			*					24			
TELEPHONE HANDSET	P/D	TEL1	*							1			PROVIDE ADDITIONAL INFRASTRUCTURE FOR FUTURE DESK
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												611.90	
REQUIRED PROGRAM SF												800.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

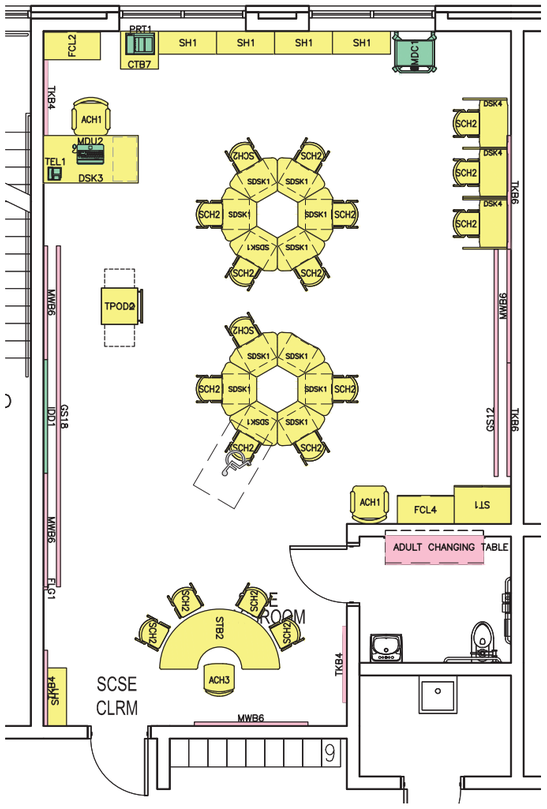
DRAWING TITLE
GENERAL CLASSROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-102) E-1C

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 SCSE CLASSROOM LAYOUT W/ TOILET

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

SELF CONTAINED SPECIAL ED. CLASSROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 4 (2 W/TOILET AND 2 W/O TOILET)
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				12	15.00	180.00	
TEACHERS						*				2	15.00	30.00	
FURNITURE AND EQUIPMENT													
STUDENT'S DESK		SDSK1		*			2.74	1.75	2.50	12	3.93	47.16	
STUDENT TABLE - HALF CIRCLE		STB2		*			3.17	6.33	2.50	1	13.6	13.60	
ADMINISTRATIVE DESK-30X60	P/D	DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
STUDENT'S CHAIR		SCH2		*			1.45	1.37	1.25	19	1.99	37.81	
COMPUTER DESK		DSK4		*			1.50	2.50	2.50	3	3.75	11.25	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.08	1	2.75	2.75	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	5	3.58	17.90	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (12) MOBILE DEVICES
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
MOBILE TEACHER PODIUM	P/D	TPOD2		*			1.92	1.92	3.42	1	3.69	3.69	
COMPUTER TABLE		CTB6		*			2.00	2.00	2.50	1	4.00	4.00	W/ GROMMETS & CABLE TRAY
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	4			
TACK BOARD		TKB6	*					6.00	4.00	3			
TACK BOARD		TKB4	*					4.00	4.00	2			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENT'S MOBILE DEVICE		MDU1			*					12			
STUDENT COMPUTER	P/D	COM5			*					3			
STUDENT PRINTER	P/D	PRT1			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												388.72	
REQUIRED PROGRAM SF												800.00	

NOTE: DB TO PROVIDE ADULT CHANGING TABLE IN SCSE CLASSROOMS WITH TOILET ROOMS

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

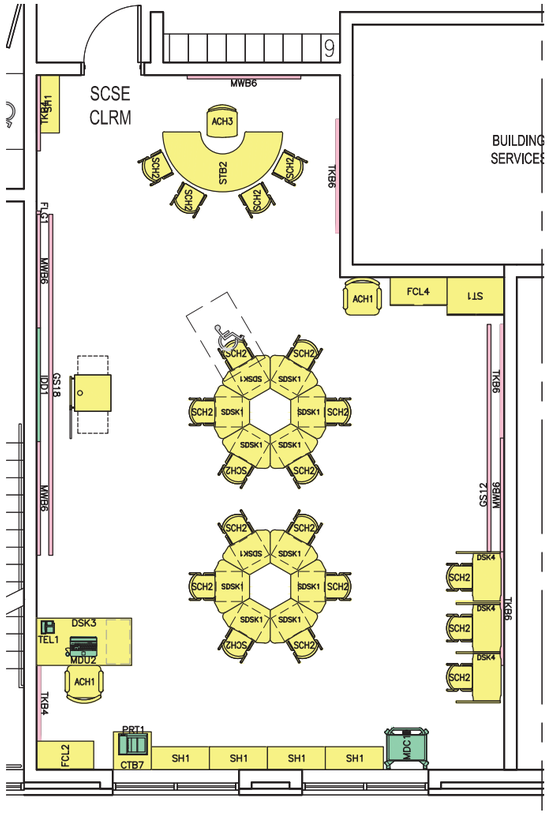
DRAWING TITLE
SCSE CLASSROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-102) E-2a

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 SCSE CLASSROOM LAYOUT W/O TOILET

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

SELF CONTAINED SPECIAL ED. CLASSROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 4 (2 W/TOILET AND 2 W/O TOILET)
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				12	15.00	180.00	
TEACHERS						*				2	15.00	30.00	
FURNITURE AND EQUIPMENT													
STUDENT'S DESK		SDSK1		*			2.74	1.75	2.50	12	3.93	47.16	
STUDENT TABLE - HALF CIRCLE		STB2		*			3.17	6.33	2.50	1	13.6	13.60	
ADMINISTRATIVE DESK-30X60	P/D	DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
STUDENT'S CHAIR		SCH2		*			1.45	1.37	1.25	19	1.99	37.81	
COMPUTER DESK		DSK4		*			1.50	2.50	2.50	3	3.75	11.25	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.08	1	2.75	2.75	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	5	3.58	17.90	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (12) MOBILE DEVICES
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
MOBILE TEACHER PODIUM	P/D	TPOD2		*			1.92	1.92	3.42	1	3.69	3.69	
COMPUTER TABLE		CTB6		*			2.00	2.00	2.50	1	4.00	4.00	W/ GROMMETS & CABLE TRAY
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	4			
TACK BOARD		TKB6	*					6.00	4.00	3			
TACK BOARD		TKB4	*					4.00	4.00	2			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENT'S MOBILE DEVICE		MDU1			*					12			
STUDENT COMPUTER	P/D	COM5			*					3			
STUDENT PRINTER	P/D	PRT1			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												388.72	
REQUIRED PROGRAM SF												800.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DRAWING TITLE

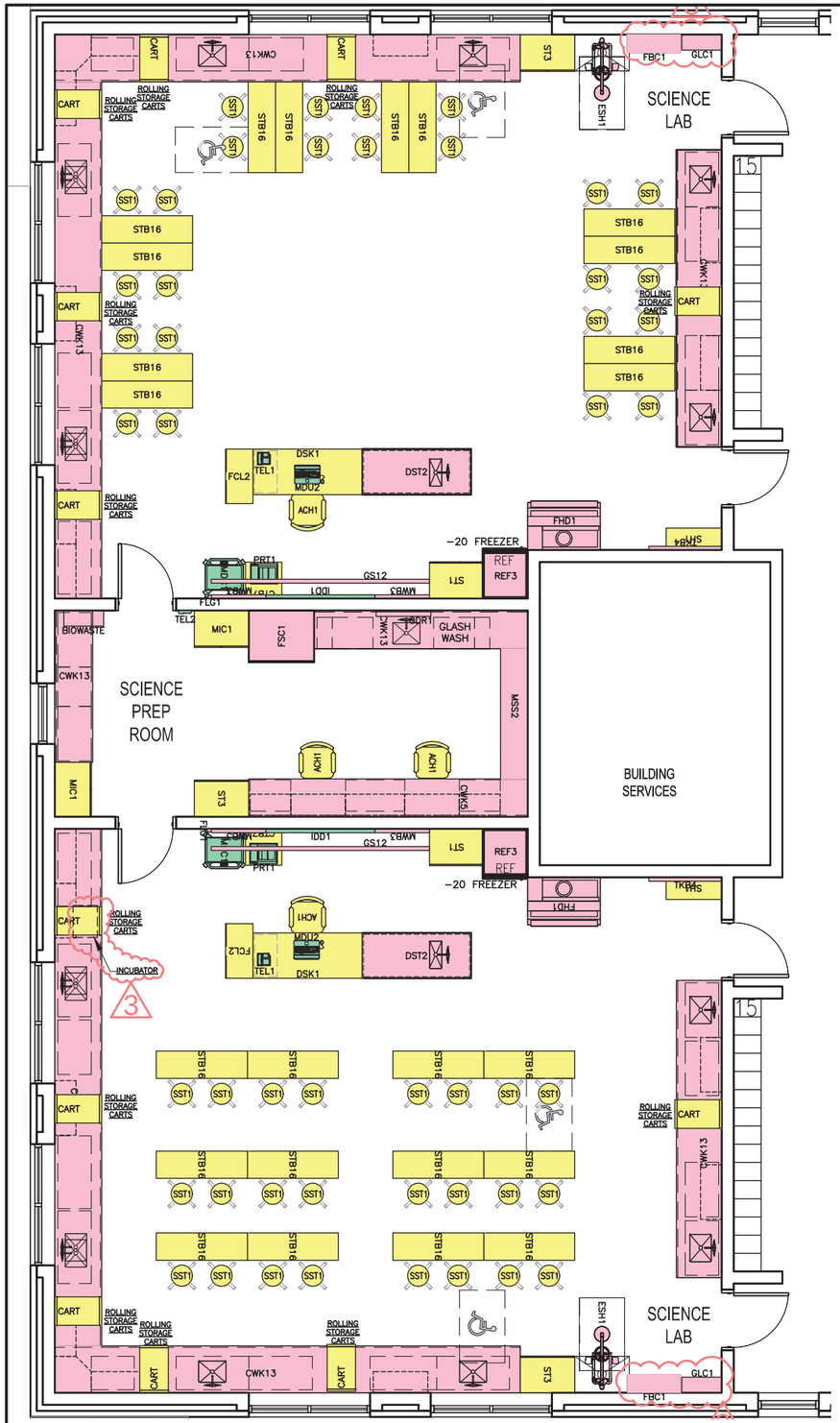
SCSE CLASSROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # E-2b (AI-102)

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 SCIENCE LAB LAYOUT (A&B)

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

SCIENCE LABS GRADES 7-9			PROVIDED BY				SIZE						TOTAL ROOMS = 6
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE - 18X60		STB16		*			1.50	5.00	2.83	12	7.50	90.00	
COMPUTER TABLE-24X24		CTB7		*			2.00	2.00	2.50	1	4.00	4.00	W/ GROMMETS & CABLE TRAY
DEMONSTRATION STATION W/SINK	P/D	DST2	*				2.50	6.00	2.83	1	15.08	15.08	
FUME HOOD	P/D	FHD1	*				2.69	4.00	6.00	1	10.72	10.72	
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STUDENT STOOL		SST1		*			1.83	1.83	1.50	24	3.66	87.84	
BOOKS SHELVING		SH1		*			1.17	3.05	2.50	1	3.58	3.58	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (24) MOBILE DEVICES
EMERGENCY SHOWER - EYE WASH STATION		ESH1	*							1			
REFRIGERATOR	P	REF3	*				2.67	2.42		1	6.39	6.39	WITH ICE MAKER
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	1	6.00	6.00	LOCKABLE
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
ROLLING STORAGE CARTS		CART		*			1.50	2.50	2.50	6	3.75	22.50	STORED UNDER CASEWORK
PERIMETER COUNTER W/SINK UPPER AND LOWER CABINETS	P/D	CWK13	*				2.58	28.75	2.83	1	74.18	74.18	PROVIDE 36"W UPPER CABINET PER WORK GROUP (MINIMUM OF 6 PER LAB) AND MAXIMIZE UPPER CABINETS THROUGHOUT AS WALL SPACE ALLOWS. SEE PERFORMANCE SPECIFICATON FOR MATERIALS. PROVIDE POWER AT COUNTER HEIGHT
PERIMETER COUNTER W/SINK UPPER AND LOWER CABINETS	P/D	CWK13	*				2.58	25.58	2.83	1	66.00	66.00	
PERIMETER COUNTER W/SINK UPPER AND LOWER CABINETS	P/D	CWK13	*				2.50	16.33	2.83	1	40.83	40.83	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB3	*					3.00	4.00	2			
TACK BOARD		TKB4	*					4.00	4.00	1			
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALL OVER WALL MOUNTED DEVICES
FIRST AID AND FIRE BLANKET CABINET		FBC1	*				1.00	2.91	2.54	1			
GOGGLE CABINET	P	GLC1	*							1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENTS MOBILE DEVICE		MDU1			*					24			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
CLASSROOM PRINTER	P/D	PRT1			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
DEMO CAMERA	P/D	DEM1	*							1			LOCATED OVER DEMONSTRATION STATION
FUME HOOD CAMERA	P/D					*				1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												836.68	
REQUIRED PROGRAM SF												1200.00	

NOTE: PROVIDE ADEQUATE POWER FOR AN INCUBATOR TO BE PLACED ON END OF PERIMETER CASEWORK CLOSET TO PREP ROOM. (IN RM. C−316, GRADE 7 SCIENCE LAB ONLY) INCUBATOR TO BE PROVIDED BY DISTRICT.

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

SCIENCE LAB PREP ROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 3
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
TEACHERS						*				2	15.00	30.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	1	6.00	6.00	LOCKABLE
MICROSCOPE CABINET		MIC1		*			2.00	3.00	6.00	2	6.00	12.00	
FLAMMABLE STORAGE CABINET		FSC1	*				2.83	3.58	5.42	1	10.15	10.15	
COUNTER WITH LOWER CABINETS	P/D	CWK5	*				2.08	15.33	2.50	1	31.89	31.89	OPEN SHELVING ABOVE, CABINETS WITH KNEE SPACE BELOW, POWER AND DATA AT COUNTER HEIGHT
COUNTER WITH SINK W/UPPER AND LOWER CABINETS	P/D	CWK13	*				2.08	11.75	2.83	1	24.44	24.44	PROVIDE ADEQUATE SPACE FOR GLASS WASHER
COUNTER WITH LOWER CABINETS	P	CWK13	*				2.08	8.33	2.83	1	17.33	17.33	PROVIDE POWER AT COUNTER HEIGHT
METAL STORAGE SHELVING		MSS2	*				1.50	7.17	6.00	1	10.76	10.76	HEAVY DUTY METAL SHELVING
WALL AND CEILING MOUNTED EQUIPMENT													
GLASS DRYING RACK		GDR1	*				0.31	3.00	2.50	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET - WALL MOUNTED	P/D	TEL2	*										
GLASS WASHER	P		*							1			PROVIDE NECESSARY PLUMBING
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												150.57	
REQUIRED PROGRAM SF												200.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

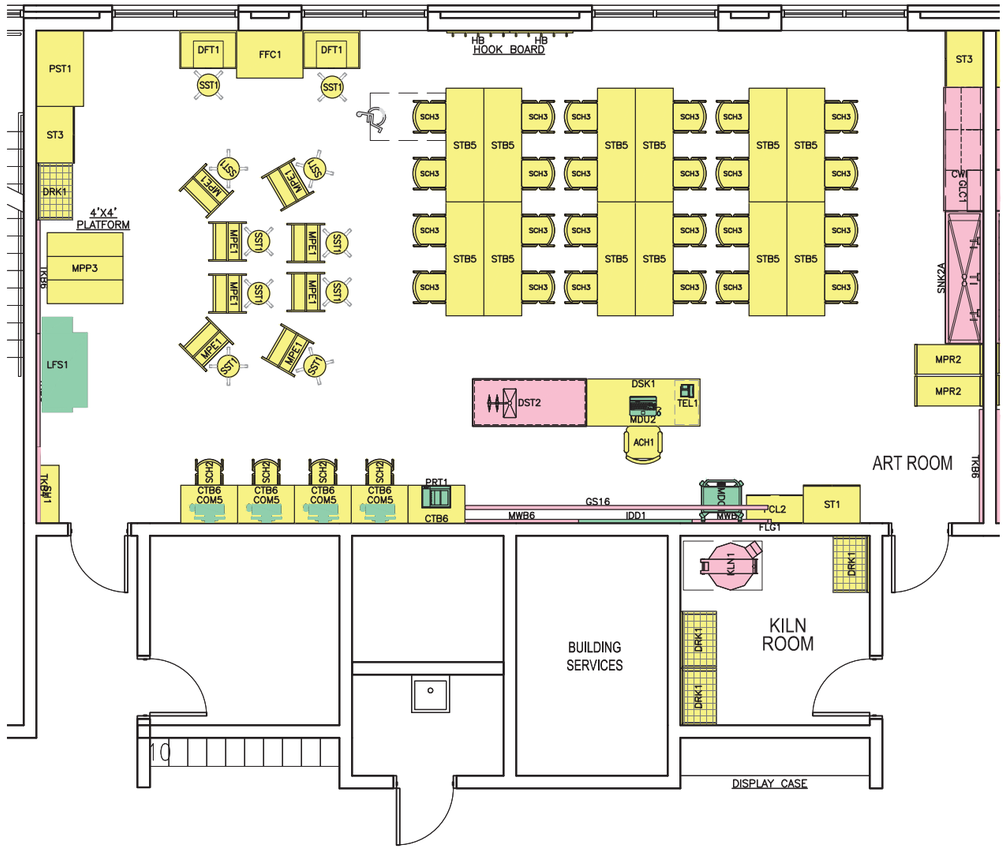
DRAWING TITLE
SCIENCE LAB
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-102) E-3a&b

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 ART ROOM LAYOUT
SCALE : 1/8" = 1'-0"

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

ART ROOMS GRADES 7-8			PROVIDED BY				SIZE						TOTAL ROOMS = 2
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT												0.00	
STUDENT TABLE-24X72		STB5		*			2.00	6.00	2.50	12	12.00	144.00	
COMPUTER TABLE-24X36		CTB6		*			2.00	3.00	2.50	5	6.00	30.00	W/ GROMMETS & CABLE TRAY
DEMONSTRATION STATION W/SINK	P/D	DST2	*				2.50	6.00	2.83	1	15.08	15.08	
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
STUDENT'S CHAIR		SCH2		*			1.45	1.37	1.25	3	1.99	5.97	
STUDENT'S CHAIR		SCH3		*			1.70	1.74	1.50	24	2.96	71.04	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STUDENT STOOL		SST1		*			1.83	1.83	1.50	10	3.66	36.60	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	1	3.58	3.58	
DRAFTING BOARD	P	DFT1		*			3.50	2.50	3.00	2	8.75	17.50	
MOBILE PROJECT RACK		MPR2		*			1.58	3.58	3.61	2	5.67	11.34	
MULTI-PURPOSE EASEL		MPE1		*			2.00	2.08	4.33	8	4.16	33.28	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (24) MOBILE DEVICES
ART ROOM SINK		SNK2A	*				2.00	7.00	2.83	1	14.00	14.00	
LARGE FORMAT SCANNER/PRINTER	P/D	LFS1			*		5.00	2.25	3.00	1	11.25	11.25	
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	2	6.00	12.00	LOCKABLE
DRYING RACK		DRK1		*			2.50	5.33		1	13.33	13.33	
FLAT FILE CABINET - 5 DRAWERS		FFC1		*			2.50	3.50	3.00	1	8.75	8.75	
PAPER STORAGE CABINET (UP TO 30X40 SHEET)		PST1		*			2.50	4.00	3.00	1	10.00	10.00	
STAGE PLATFORM		MPP3		*			4.00	4.00	1.5	1	16.00	16.00	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
COUNTER W/UPPER AND LOWER CABINETS	P/D	CWK5	*				2.08	6.50	2.83	1	13.52	13.52	PROVIDE POWER AT COUNTER HEIGHT
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB4	*					4.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	1			
TACK BOARD		TKB6	*					6.00	4.00	3			
GRIP STRIP		GS14	*					16.00	0.25	1			INSTALL OVER WALL MOUNTED DEVICES
TOOL TYPE HOOK BOARD		HB	*							2			
GOGGLE CABINET	P	GLC1	*				0.85	2.19	2.37	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENT'S MOBILE DEVICE		MDU1			*					24			
STUDENT COMPUTER	P/D	COMP5			*					4			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
STUDENT PRINTER (COLOR)	P/D	PRT1			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
DEMO CAMERA	P/D	DEM1	*							1			LOCATED OVER DEMONSTRATION STATION
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												876.80	
REQUIRED PROGRAM SF												1200.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

KILN ROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS										1	15.00	15.00	
FURNITURE AND EQUIPMENT													
KILN - ELECTRIC	P	KLN1	*				3.67	3.25	2.58	1	8.39	8.39	
DRYING RACK		DRK1		*			2.50	5.33	6.00	3	13.33	39.99	
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												63.38	
REQUIRED PROGRAM SF												100.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

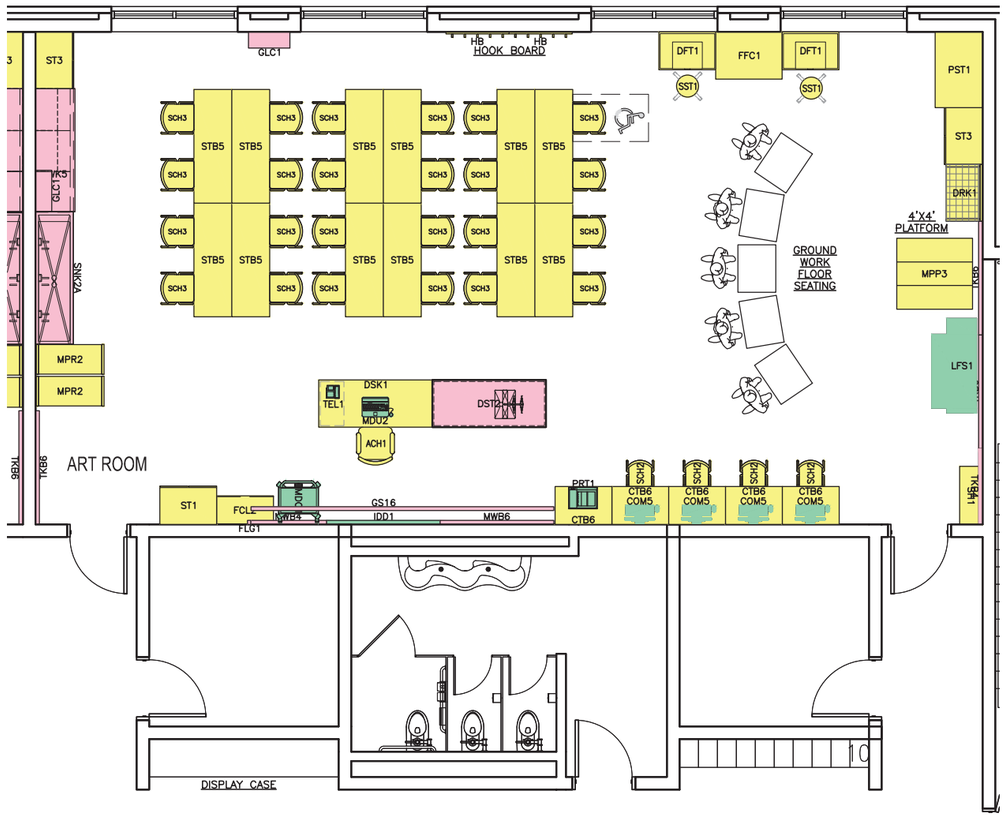
DRAWING TITLE
ART ROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-102) E-4a

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 ART ROOM LAYOUT
SCALE : 1/8" = 1'-0"

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

ART ROOM GRADE 9			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE-24X72		STB5		*			2.00	6.00	2.50	12	12.00	144.00	
COMPUTER TABLE-24X36		CTB6		*			2.00	3.00	2.50	5	6.00	30.00	W/ GROMMETS & CABLE TRAY
DEMONSTRATION STATION W/SINK	P/D	DST2	*				2.50	6.00	2.83	1	15.08	15.08	
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
STUDENT'S CHAIR		SCH2		*			1.45	1.37	1.25	3	1.99	5.97	
STUDENT'S CHAIR		SCH3		*			1.70	1.74	1.50	24	2.96	71.04	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STUDENT STOOL		SST1		*			1.83	1.83		10	3.66	36.60	
BOOKS SHELVING		SH1		*			1.17	3.08	2.50	1	3.58	3.58	
DRAFTING BOARD	P	DFT1		*			3.50	2.50	3.00	2	8.75	17.50	
MOBILE PROJECT RACK		MPR2		*			1.58	3.58	3.61	2	5.67	11.34	
MULTI-PURPOSE EASEL		MPE1		*			2.00	2.08	4.33	8	4.16	33.28	PLAN SHOWS FLOORWORK AREA, PROVIDE EASLES FOR WHEN NEEDED.
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	1	5.06	5.06	FOR (24) MOBILE DEVICES
ART ROOM SINK		SNK2A	*				2.00	7.00	2.83	1	14.00	14.00	
LARGE FORMAT SCANNER/PRINTER	P/D	LFS1			*		5.00	2.25	3.00	1	11.25	11.25	
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	2	6.00	12.00	LOCKABLE
DRYING RACK		DRK1		*			2.50	5.33		1	13.33	13.33	
FLAT FILE CABINET - 5 DRAWERS		FFC1		*			2.50	3.50	3.00	1	8.75	8.75	
PAPER STORAGE CABINET (UP TO 30X40 SHEET)		PST1		*			2.50	4.00	3.00	1	10.00	10.00	
STAGE PLATFORM		MPP3		*			4.00	4.00	1.50	1	16.00	16.00	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
COUNTER W/UPPER AND LOWER CABINETS	P/D	CWK5	*				2.08	6.50	2.83	1	13.52	13.52	PROVIDE POWER AT COUNTER HEIGHT
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB4	*					4.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	1			
TACK BOARD		TKB6	*					6.00	4.00	3			
GRIP STRIP		GS14	*					16.00	0.25	1			INSTALL OVER WALL MOUNTED DEVICES
TOOL TYPE HOOK BOARD		HB	*							2			
GOGGLE CABINET	P	GLC1	*				0.85	2.19	2.37	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENT'S MOBILE DEVICE		MDU1			*					24			
STUDENT COMPUTER	P/D	COMP5			*					4			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
STUDENT PRINTER (COLOR)	P/D	PRT1			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
DEMO CAMERA	P/D	DEM1	*							1			LOCATED OVER DEMONSTRATION STATION
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												876.80	
REQUIRED PROGRAM SF												1200.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

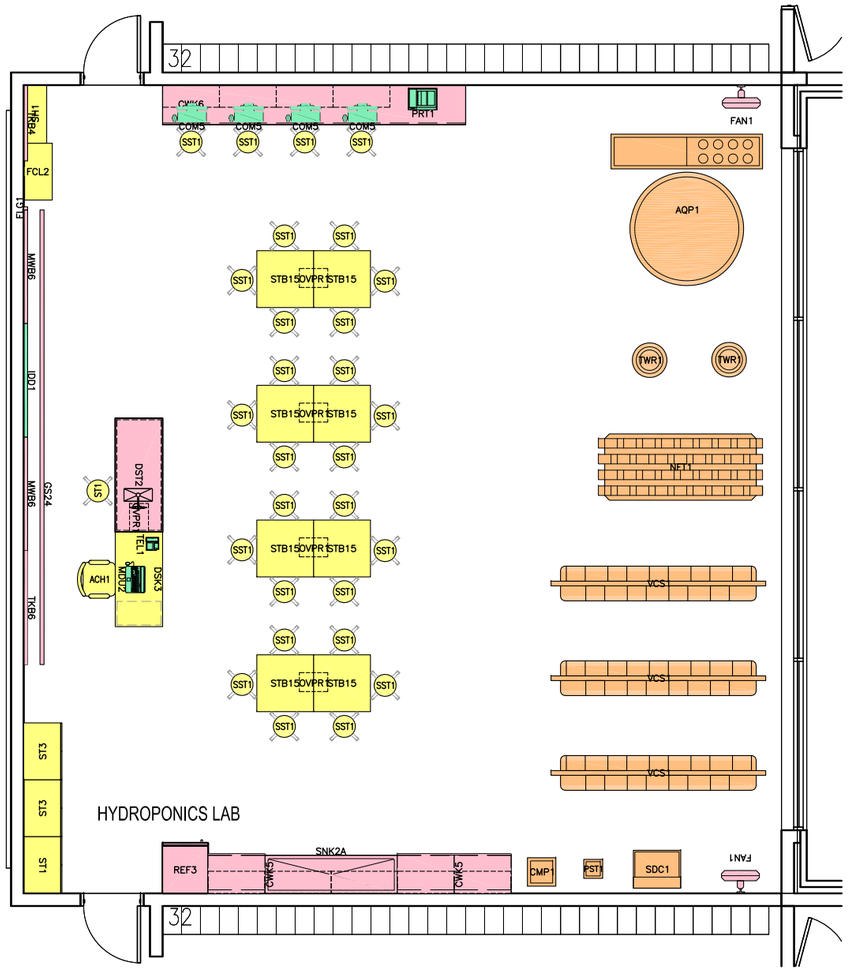
STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

DRAWING TITLE
ART ROOM
ROOM LAYOUT & FIT-OUT LIST

N3SDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000
DATE JULY 06, 2021
DRAWING # E-4b (AI-102)
SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 HYDROPONICS LAB LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

HYDROPONICS LAB			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE - 36X36		STB15		*			3.00	3.00	2.83	8	9.00	72.00	
DEMONSTRATION STATION	P/D	DST2	*				2.50	5.00	3.00	1	12.50	12.50	
ADMINISTRATIVE DESK-30X60		DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STOOL		ST1		*			1.83	1.83	2.00	1	3.66	3.66	COORDINDATE WITH TABLE HEIGHT
STUDENT STOOL		SST1		*			1.83	1.83	2.00	28	3.66	102.48	COORDINDATE WITH TABLE HEIGHT
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	1	3.58	3.58	
TOWER SYSTEM	P	TWR1				*	1.833	1.833		2	2.20	4.40	
AQUAPONICS SYSTEM	P	AQP1				*	8.00	8.00		1	64.00	64.00	PROVIDE DEDICATED POWER OUTLET
SEEDING CART	P	SDC1				*	2.00	2.50		1	5.00	5.00	
COMPOST BIN		CMP1				*	1.67	1.67		1	2.78	2.78	
PEST MANAGEMENT	P	PST1				*	1.00	1.00		1	1.00	1.00	
NUTRIENTS FILM TECH SYSTEM	P	NFT1				*	3.50	8.67		1	30.33	30.33	
VINE CROP SYSTEM	P	VCS1				*	10.33	1.83		3	18.90	56.70	
SCIENCE ROOM SINK		SNK2A	*				2.00	7.00	2.83	1	14.00	14.00	WITH OPEN SHELVES ABOVE
REFRIGERATOR	P	REF3	*				2.67	2.42		1	6.39	6.39	WITH ICE MAKER
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	2	6.00	12.00	LOCKABLE
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
COUNTER W/ UPPER CABINETS	P/D	CWK6	*				2.08	16.00	2.83	1	33.28	33.28	PROVIDE POWER AND DATA AT DESK HEIGHT
COUNTER W/UPPER AND LOWER CABINETS (3)	P/D	CWK5	*				2.08	6.00	2.83	1	12.48	12.48	PROVIDE POWER AND DATA AT DESK HEIGHT
COUNTER W/UPPER AND LOWER CABINETS	P/D	CWK5	*				2.08	3.00	2.83	1	6.24	6.24	PROVIDE POWER AND DATA AT DESK HEIGHT
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	2			
TACK BOARD		TKB6	*					6.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	1			
GRIP STRIP		GS24	*					24.00	0.25	1			INSTALL OVER WALL MOUNTED DEVICES
OSCILLATING FAN	P	FAN1	*							2			WALL MOUNTED
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1 (1)			
OVERHEAD POWER REEL	P	OVPR1	*							0			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
STUDENT'S COMPUTER	P/D	COM5			*					4			
CLASSROOM PRINTER	P/D	PRT1			*					1			
DEMO CAMERA	P/D	DEM1	*							1			LOCATED OVER DEMONSTRATION STATION
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)										1		844.82	
REQUIRED PROGRAM SF										1		1600.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

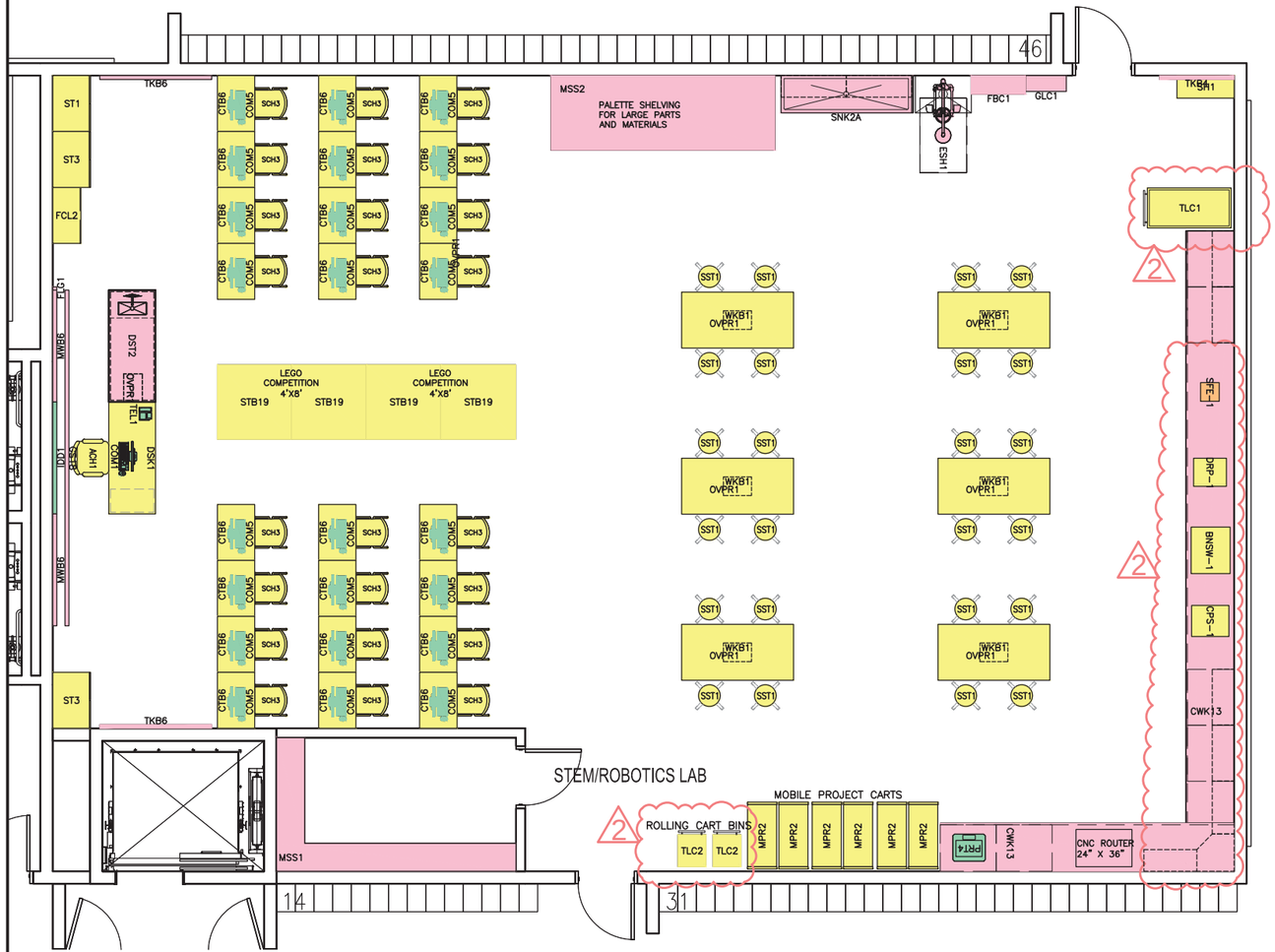
STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

DRAWING TITLE
HYDROPONICS LAB
ROOM LAYOUT & FIT-OUT LIST

NJSDA PROJECT # 5240-N10-16-0AEN
DOE PROJECT # 5240-N10-16-1000
DATE JULY 06, 2021
DRAWING # (AI-102) E-5
SCALE AS NOTED
DRAWN BY
APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBMI.)
2	8/27/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 STEM/ROBOTICS LAB LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

STEM/ROBOTICS LAB			PROVIDED BY							SIZE			TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE - 48X48		STB19		*			4.00	4.00	2.83	4	16.00	64.00	
COMPUTER TABLE-24X36		CTB6		*			2.00	3.00	2.50	24	6.00	144.00	W/ GROMMETS & CABLE TRAY
DEMONSTRATION STATION	P/D	DST2	*				2.50	6.00	3.00	1	15.00	15.00	
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
WORK BENCH		WKB1		*			2.50	6.00	2.83	6	15.00	90.00	
STUDENTS CHAIR		SCH3		*			1.70	1.74	1.50	24	2.96	70.99	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STUDENT STOOL		SST1		*			1.83	1.83	2.00	24	3.35	80.37	
BOOKS SHELVING		SH1		*			1.17	3.05	2.50	1	3.58	3.58	
MOBILE PROJECT RACK		MPR2		*			1.58	3.58	3.61	6	5.66	33.94	
EMERGENCY SHOWER - EYE WASH STATION		ESH1	*				2.00	3.00		1	6.00	6.00	
SCIENCE ROOM SINK		SNK2A	*				2.00	7.00	2.83	1	14.00	14.00	OPEN SHELVES ABOVE
TOOL CART		TLC1		*			4.50	2.25	3.00	1	10.13	10.13	
ROLLING TOOL CART BIN		TLC2		*			1.50	1.70	2.80	2	2.55	5.10	
TEACHERS WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
STORAGE CABINET 2X3		ST3		*			2.00	2.00	6.00	2	4.00	8.00	LOCKABLE
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
COUNTER W/UPPER AND LOWER CABINETS		CWK13	*				2.58	31.75	2.83	1	81.92	81.92	PROVIDE POWER AND DATA AT DESK HEIGHT
COUNTER W/UPPER AND LOWER CABINETS		CWK13	*				2.58	13.16	2.83	1	33.95	33.95	PROVIDE POWER AND DATA AT DESK HEIGHT
METAL STORAGE SHELVING		MSS1	*				1.50	20.00	6.00	1	30.00	30.00	
METAL STORAGE SHELVING		MSS2	*				4.00	12.00	2.83	1	48.00	48.00	PALETTE SHELVING
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	2			
TACK BOARD		TKB6	*					6.00	4.00	2			
TACK BOARD		TKB4	*					4.00	4.00	1			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALL ABOVE WALL MOUNTED DEVICES
FIRST AID AND FIRE BLANKET CABINET		FBC1	*				1.00	2.91	2.54	1			
GOGGLE CABINET	P	GLC1	*							1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
OVERHEAD POWER REEL	P	OVPR1	*							7			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
CHOP SAW	P	CPS-1		*						1			COUNTER MOUNTED
BAND SAW	P	BNSW-1		*						1			COUNTER MOUNTED
DRILL PRESS	P	DRP-1		*						1			COUNTER MOUNTED
SOLDERING STATION WITH FUME EXTRACT	P	SFE-1			*					1			COUNTER MOUNTED
CNC ROUTER	P/D				*					1			
TEACHERS COMPUTER	P/D	COM1			*					1			
STUDENTS COMPUTER	P/D	COM5			*					24			
3D PRINTER	P/D	PRT4			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												1143.48	
REQUIRED PROGRAM SF												2500.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

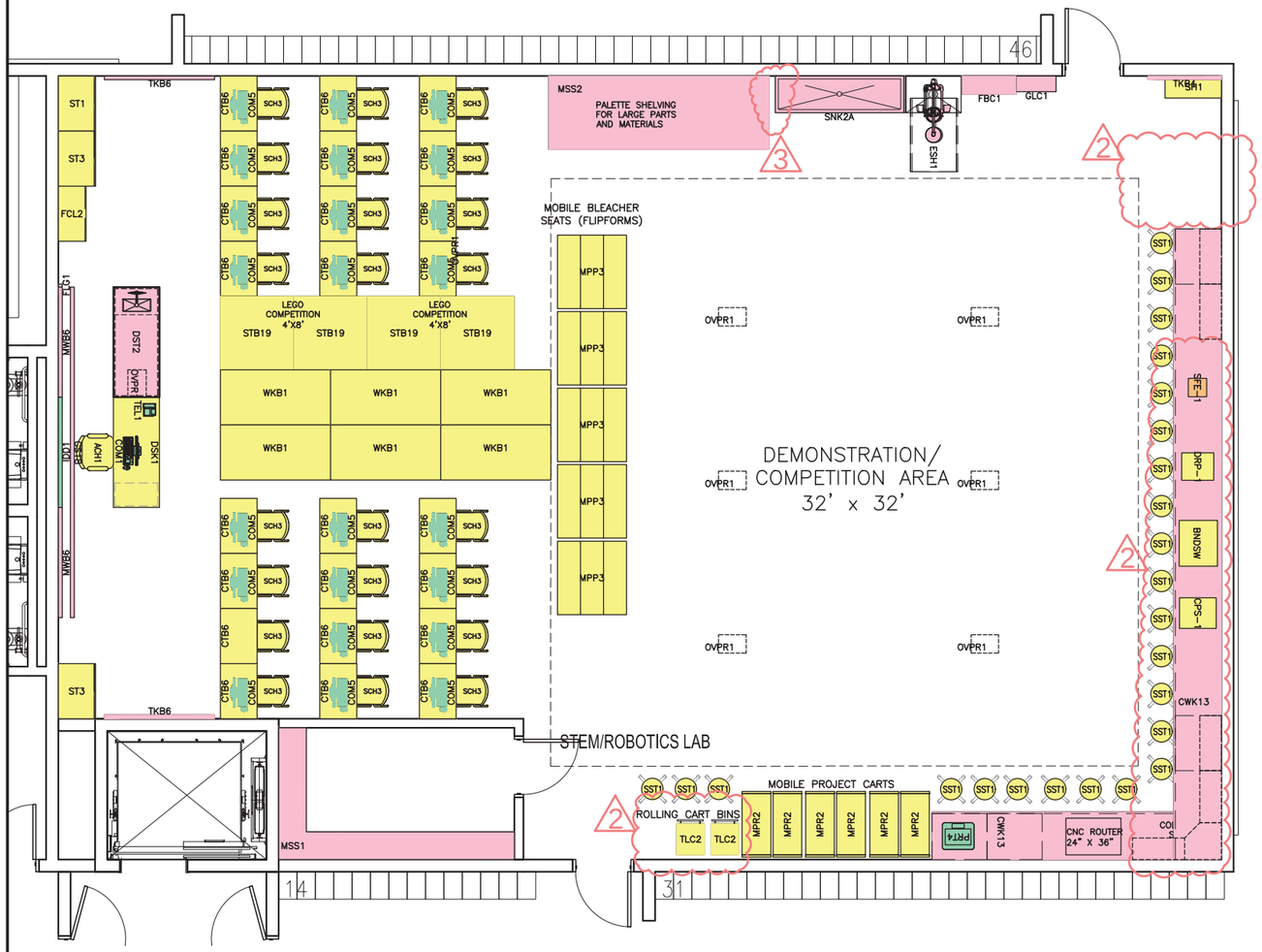
DRAWING TITLE
STEM/ROBOTICS LAB
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # E-6a (AI-103)

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 STEM/ROBOTICS LAB COMPETITION LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

STEM/ROBOTICS LAB (COMPETITION LAYOUT)			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE - 48X48		STB19		*			4.00	4.00	2.83	4	16.00	64.00	
COMPUTER TABLE-24X36		CTB6		*			2.00	3.00	2.50	24	6.00	144.00	W/ GROMMETS & CABLE TRAY
DEMONSTRATION STATION	P/D	DST2	*				2.50	6.00	3.00	1	15.00	15.00	
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
WORK BENCH		WKB1		*			2.50	6.00	2.83	6	15.00	90.00	
STUDENTS CHAIR		SCH3		*			1.70	1.74	1.50	24	2.96	70.99	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STUDENT STOOL		SST1		*			1.83	1.83	2.00	24	3.35	80.37	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	1	3.58	3.58	
MOBILE PROJECT RACK		MPR2		*			1.58	3.58	3.61	6	5.66	33.94	
EMERGENCY SHOWER - EYE WASH STATION		ESH1	*				2.00	3.00		1	6.00	6.00	
SCIENCE ROOM SINK		SNK2A	*				2.00	7.00	2.83	1	14.00	14.00	OPEN SHELVES ABOVE
TOOL CART		TLC1		*			4.50	2.25	3.00	1	10.13	10.13	
ROLLING TOOL CART BIN		TLC2		*			1.50	1.70	2.80	2	2.55	5.10	
TEACHERS WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
STORAGE CABINET 2X3		ST3		*			2.00	2.00	6.00	2	4.00	8.00	LOCKABLE
DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.50	1	4.50	4.50	
COUNTER W/UPPER AND LOWER CABINETS		CWK13	*				2.58	31.75	2.83	1	81.92	81.92	PROVIDE POWER AND DATA AT DESK HEIGHT
COUNTER W/UPPER AND LOWER CABINETS		CWK13	*				2.58	13.16	2.83	1	33.95	33.95	PROVIDE POWER AND DATA AT DESK HEIGHT
MOBILE BLEACHER (FLIPFORMS)		MPP3		*			4.00	4.00	1.00	5	16.00	80.00	STORED IN STORAGE ROOM
METAL STORAGE SHELVING		MSS1	*				1.50	20.00	6.00	1	30.00	30.00	
METAL STORAGE SHELVING		MSS2	*				4.00	12.00	2.83	1	48.00	48.00	PALETTE SHELVING
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	2			
TACK BOARD		TKB6	*					6.00	4.00	2			
TACK BOARD		TKB4	*					4.00	4.00	1			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALL ABOVE WALL MOUNTED DEVICES
FIRST AID AND FIRE BLANKET CABINET		FBC1	*				1.00	2.91	2.54	1			
GOGGLE CABINET	P	GLC1	*							1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
OVERHEAD POWER REEL	P	OVPR1	*							7			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
CHOP SAW	P	CPS-1		*						1			COUNTER MOUNTED
BAND SAW	P	BNSW-1		*						1			COUNTER MOUNTED
DRILL PRESS	P	DRP-1		*						1			COUNTER MOUNTED
SOLDERING STATION WITH FUME EXTRACT	P	SFE-1				*				1			COUNTER MOUNTED
CNC ROUTER	P/D				*					1			
TEACHER'S COMPUTER	P/D	COM1			*					1			
STUDENT'S COMPUTER	P/D	COM5			*					24			
3D PRINTER	P/D	PRT4			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												1223.48	
REQUIRED PROGRAM SF												2500.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

DRAWING TITLE
COMPETITION LAYOUT
STEM/ROBOTICS LAB
ROOM LAYOUT & FIT-OUT LIST

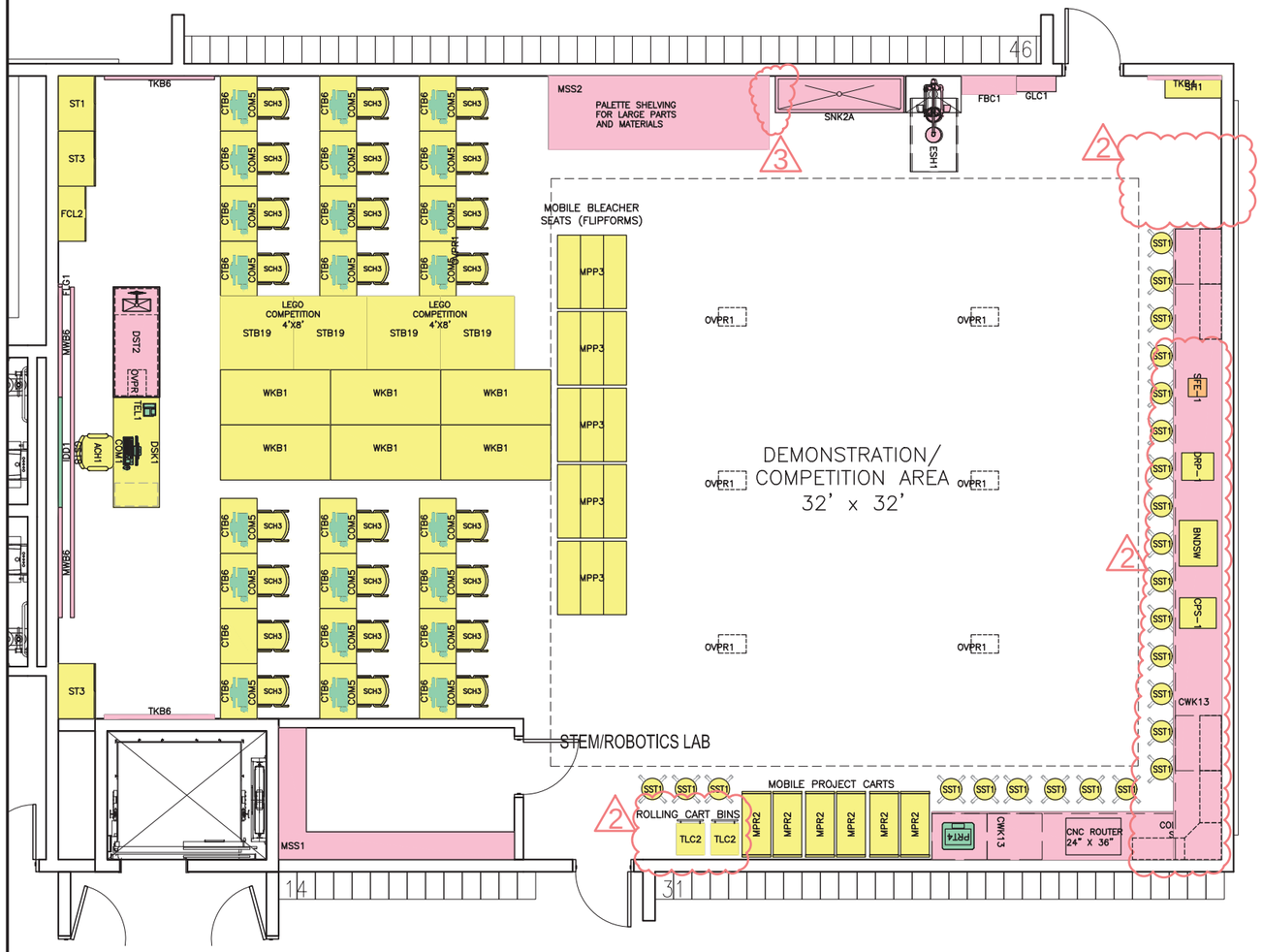
NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DATE JULY 06, 2021

DRAWING # (AI-103) E-6b

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	9/01/22	ADDENDUM



1 STEM/ROBOTICS LAB COMPETITION LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

STEM/ROBOTICS LAB (COMPETITION LAYOUT)			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE - 48X48		STB19		*			4.00	4.00	2.83	4	16.00	64.00	
COMPUTER TABLE-24X36		CTB6		*			2.00	3.00	2.50	24	6.00	144.00	W/ GROMMETS & CABLE TRAY
DEMONSTRATION STATION	P/D	DST2	*				2.50	6.00	3.00	1	15.00	15.00	
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
WORK BENCH		WKB1		*			2.50	6.00	2.83	6	15.00	90.00	
STUDENTS CHAIR		SCH3		*			1.70	1.74	1.50	24	2.96	70.99	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STUDENT STOOL		SST1		*			1.83	1.83	2.00	24	3.35	80.37	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	1	3.58	3.58	
MOBILE PROJECT RACK		MPR2		*			1.58	3.58	3.61	6	5.66	33.94	
EMERGENCY SHOWER - EYE WASH STATION		ESH1	*				2.00	3.00		1	6.00	6.00	
SCIENCE ROOM SINK		SNK2A	*				2.00	7.00	2.83	1	14.00	14.00	OPEN SHELVES ABOVE
TOOL CART		TLC1		*			4.50	2.25	3.00	1	10.13	10.13	
ROLLING TOOL CART BIN		TLC2		*			1.50	1.70	2.80	2	2.55	5.10	
TEACHERS WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
STORAGE CABINET 2X3		ST3		*			2.00	2.00	6.00	2	4.00	8.00	LOCKABLE
DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.50	1	4.50	4.50	
COUNTER W/UPPER AND LOWER CABINETS		CWK13	*				2.58	31.75	2.83	1	81.92	81.92	PROVIDE POWER AND DATA AT DESK HEIGHT
COUNTER W/UPPER AND LOWER CABINETS		CWK13	*				2.58	13.16	2.83	1	33.95	33.95	PROVIDE POWER AND DATA AT DESK HEIGHT
MOBILE BLEACHER (FLIPFORMS)		MPP3		*			4.00	4.00	1.00	5	16.00	80.00	STORED IN STORAGE ROOM
METAL STORAGE SHELVING		MSS1	*				1.50	20.00	6.00	1	30.00	30.00	
METAL STORAGE SHELVING		MSS2	*				4.00	12.00	2.83	1	48.00	48.00	PALETTE SHELVING
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	2			
TACK BOARD		TKB6	*					6.00	4.00	2			
TACK BOARD		TKB4	*					4.00	4.00	1			
GRIP STRIP		GS18	*					18.00	0.25	1			INSTALL ABOVE WALL MOUNTED DEVICES
FIRST AID AND FIRE BLANKET CABINET		FBC1	*				1.00	2.91	2.54	1			
GOGGLE CABINET	P	GLC1	*							1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
OVERHEAD POWER REEL	P	OVPR1	*							7			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
CHOP SAW	P	CPS-1		*						1			COUNTER MOUNTED
BAND SAW	P	BNSW-1		*						1			COUNTER MOUNTED
DRILL PRESS	P	DRP-1		*						1			COUNTER MOUNTED
SOLDERING STATION WITH FUME EXTRACT	P	SFE-1				*				1			COUNTER MOUNTED
CNC ROUTER	P/D				*					1			
TEACHER'S COMPUTER	P/D	COM1			*					1			
STUDENT'S COMPUTER	P/D	COM5			*					24			
3D PRINTER	P/D	PRT4			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												1223.48	
REQUIRED PROGRAM SF												2500.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

DRAWING TITLE
COMPETITION LAYOUT
STEM/ROBOTICS LAB
ROOM LAYOUT & FIT-OUT LIST

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DATE JULY 06, 2021

DRAWING # (AI-103) E-6b

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	9/01/22	ADDENDUM

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

ENVIRONMENTAL SCIENCE LAB			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS										24	15.00	360.00	
TEACHERS										1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE - 18X60		STB16		*			1.50	5.00	2.83	12	7.50	90.00	
STUDENT STOOL		SST1		*			1.83	1.83		24	3.66	87.84	
TEACHER'S PODIUM	P/D	TPOD1		*			1.76	1.76	3.00	2	2.72	5.44	1 FOR OUTSIDE TO BE STORED INDOORS
BOOK SHELVING		SH1		*			1.50	3.00	2.50	2	4.50	9.00	
ADMINISTRATIVE DESK-24X42	P/D	DSK3		*			2.00	3.50	2.50	1	7.00	7.00	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
OUTDOOR CHAIRS		OCH1		*			1.78	1.64	1.50	24			FOR OUTDOOR SEATING
OUTDOOR TABLE - 79X41		OTB01		*			3.42	6.58	2.83	3			FOR OUTDOOR USE
RAIN WATER HARVESTING TANK	P		*				3.00	3.00		1	9.00	9.00	APPROX. SIZE
EVAPORATIVE COOLER	P		*				4.00	5.33		2	21.32	42.64	
SINK		SNK2A	*				2.00	7.00	2.83	1	14.00	14.00	
COUNTER	P/D	CWK13	*				2.58	16.92	2.83	1	43.65	43.65	STORAGE CABINETS BELOW. PROVIDE POWER/DATA AT COUNTER HEIGHT
COUNTER	P/D	CWK13	*				2.58	10.00	2.83	1	25.80	25.80	STORAGE CABINETS BELOW. PROVIDE POWER/DATA AT COUNTER HEIGHT
WALL AND CEILING MOUNTED EQUIPMENT													
MAGNETIC WHITE BOARD		MWB8	*					8.00	4.00	1			
MAGNETIC WHITE BOARD		MWB12	*					12.00	4.00	1			EXTERIOR WALL MOUNTED
GRIP STRIP		GS8	*					8.00	0.25	1			INSTALLED OVER WALL MOUNTED DEVICES
TACK BOARD		TKB8	*					8.00	4.00	2			
CLOCK SYSTEM	P/D	CLK1	*							2			1X WALL MOUNTED OUTDOORS
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FAN	P		*							2			
UNIT HEATER	P		*							2			
OVERHEAD POWER REEL	P	OVPR1	*							6			
FURNITURE AND EQUIPMENT (no floor impact)													
HOSE BIBB		HB1	*							2			DOMESTIC WATER HOSE BIBB
HOSE BIBB		HB2	*							2			GREY WATER HOSE BIBB
CONTROLS	P/D		*							1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												713.37	
REQUIRED PROGRAM SF												900.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

EXTERIOR MATERIALS STORAGE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANT										1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STACK CHAIR DOLLY		DLY1		*			3.50	1.91	1.36	1	6.68	6.68	(SHOWN STACKED WITH 28 CHAIRS)
METAL STORAGE SHELVING		MSS2	*				1.50	12.33	6.00	1	4.50	4.50	
METAL STORAGE SHELVING		MSS2	*				1.50	7.17	6.00	2	4.50	9.00	
WALL AND CEILING MOUNTED EQUIPMENT													
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												35.18	
REQUIRED PROGRAM SF												100.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

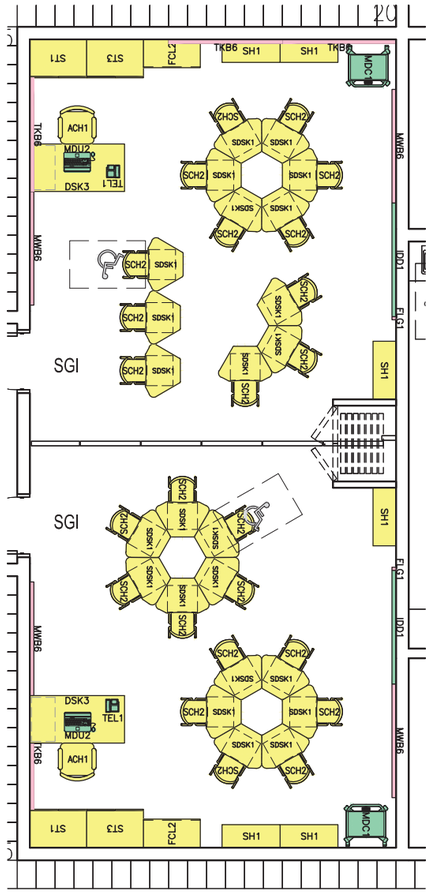
DRAWING TITLE
ENVIRONMENTAL SCIENCE LAB.
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # E-7a (AI-103)

SCALE AS NOTED | DRAWN BY NS | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 SMALL GROUP INSTRUCTION LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

SMALL GROUP INSTRUCTION ROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 3
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				2	15.00	30.00	
FURNITURE AND EQUIPMENT													
STUDENT'S DESK		SDSK1		*			2.74	1.75	2.00	24	3.93	94.32	
ADMINISTRATIVE DESK-30X60	P/D	DSK3		*			2.50	5.00	2.50	2	12.50	25.00	
STUDENT'S CHAIR		SCH2		*			1.45	1.37	1.25	24	1.99	47.76	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	6	3.58	21.48	
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	2	6.00	12.00	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	2	6.00	12.00	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	2	4.50	9.00	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	2	5.06	10.11	2 CARTS WITH (12) DEVICES EACH
FOLDING PARTITION RECESS			*		*		3.33	4.66		1	15.56	15.56	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	2			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	4			
TACK BOARD		TKB6	*					6.00	4.00	4			
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALL OVER WALL MOUNTED DEVICES
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENT'S MOBILE DEVICE		MDU1			*					24			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					2			
TELEPHONE HANDSET	P/D	TEL1	*							2			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												645.23	
REQUIRED PROGRAM SF												800.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

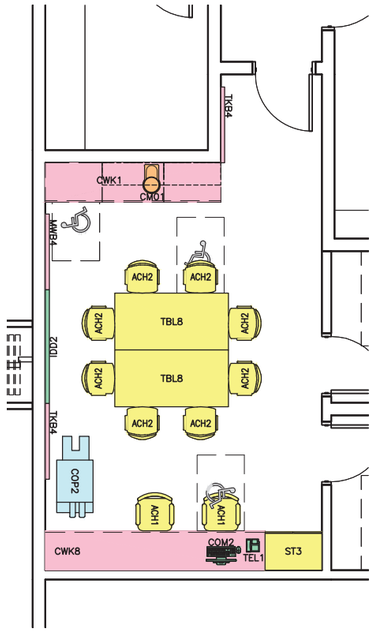
DRAWING TITLE
SMALL GROUP INSTRUCTION
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # E-8 (AI-102)

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM

SCALE AS NOTED | DRAWN BY | APPROVED BY



1 TEACHER WORKROOM LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

TEACHER WORKROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 3
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
TEACHERS						*				8	15.00	120.00	
FURNITURE AND EQUIPMENT													
TABLE - 36x72		TBL8		*			3.00	6.00	1.83	2	18.00	36.00	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
ADMINISTRATIVE CHAIR		ACH2		*			1.73	1.80	1.08	8	3.11	24.88	
PHOTOCOPIER/PRINTER	P/D	COP2				*	1.92	4.27		1	8.20	8.20	
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	1	6.00	6.00	
COUNTER W/ SINK, UPPER AND LOWER CABINETS		CWK1	*				2.08	9.25	2.83	1	19.24	19.24	PROVIDE POWER AT COUNTER HEIGHT
COUNTER	P/D	CWK8	*				2.08	11.00	2.50	1	22.88	22.88	WORKCOUNTER. PROVIDE POWER AT COUNTER HEIGHT
WALL AND CEILING MOUNTED EQUIPMENT													
SMALL INTERACTIVE DISPLAY DEVICE	P/D	IDD2			*					1			
MAGNETIC WHITE BOARD		MWB4	*					4.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	2			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
ADMINISTRATIVE COMPUTER	P/D	COM2			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
COFFEE MAKER	P	CM01				*				1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												245.20	
REQUIRED PROGRAM SF												325.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

N3SDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

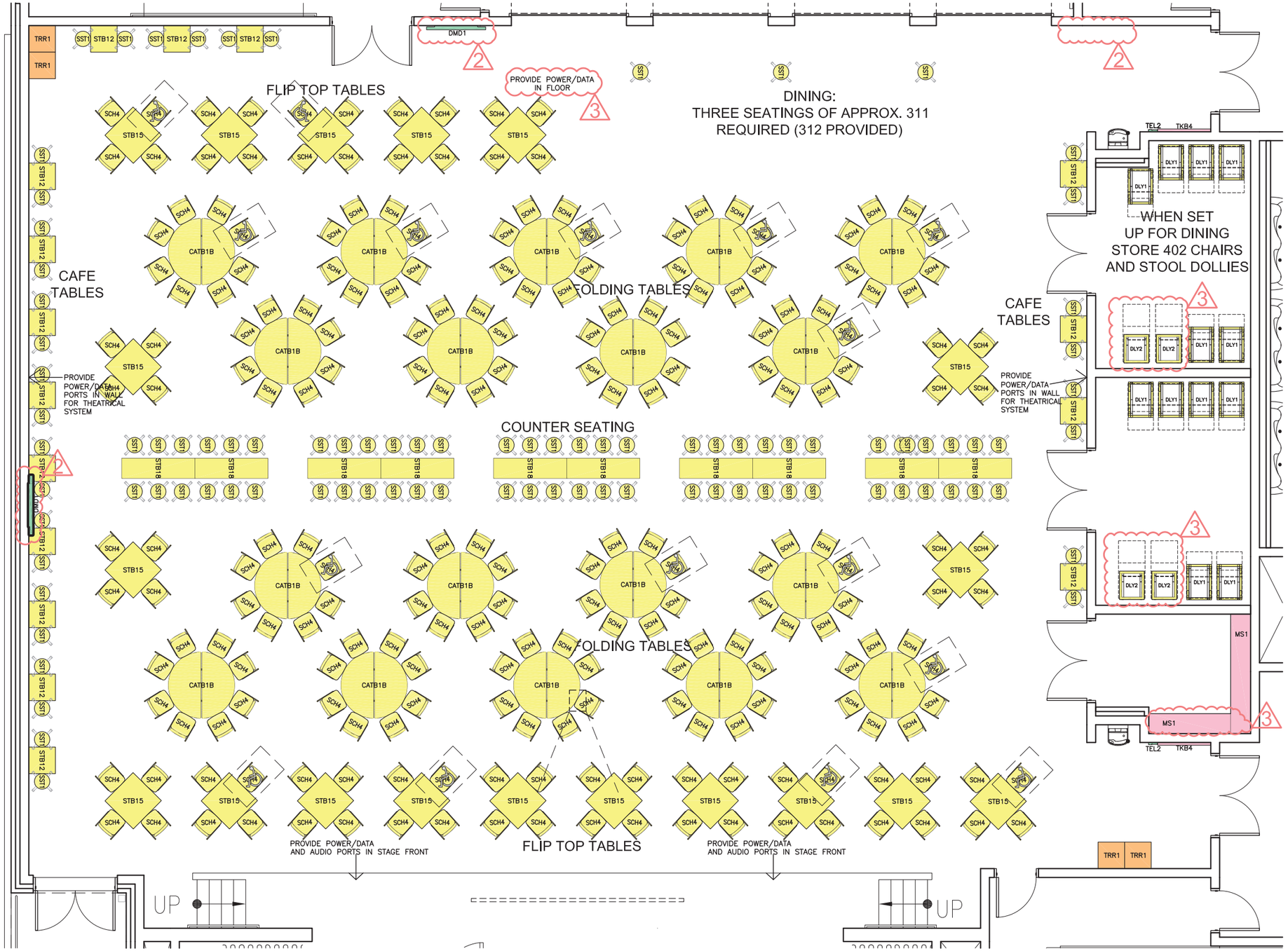
DRAWING TITLE
TEACHER WORKROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

SCALE AS NOTED | DRAWN BY | APPROVED BY

DRAWING # E-9 (AI-102)

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1A ROOM LAYOUT - CAFETORIUM (DINING)

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

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

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STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

PROJECT TITLE

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DRAWING TITLE
CAFETORIUM (DINING)
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021 | SCALE AS NOTED | DRAWN BY BSK | APPROVED BY JR

DRAWING # (AI-101) E-111a1

SYMBOL	DATE	REVISIONS
1	7/20/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/07/22	ADDENDUM

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

CAFETORIUM DINING			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS						*				315	10.00	3150.00	
FURNITURE AND EQUIPMENT													
CAFÉ HEIGHT TABLE - 24X24		STB12		*			2.00	2.00	3.00	16	4.00	64.00	
FLIP TOP DINING TABLE - 36X36		STB15		*			3.00	3.00	2.50	19	9.00	171.00	FLIP TOP TABLE
CAFÉ HEIGHT TABLE - 18X66		STB18		*			1.50	5.50	3.00	10	8.25	82.50	
ROUND CAFETERIA TABLE		CATB1B		*			5.00	5.00	2.50	18	25.00	450.00	FOLDABLE TALBE
STACKABLE CHAIR		SCH4		*			1.80	1.58	1.45	220	2.84	624.80	
STUDENT STOOL		SST1		*			1.83	1.83	2.00	96	3.35	321.60	
POINT OF SALE STATION (MOBILE)	P/D	POS1	*				1.33	1.33	3.00	3	1.77	5.31	
TRASH/RECYCLE RECETACLE		TRR1				*	2.00	2.00		4	4.00	16.00	
WALL AND CEILING MOUNTED EQUIPMENT													
TACK BOARD		TKB4	*					4.00	4.00	2			
DIGITAL MEDIA DISPLAY	P/D	DMD1			*					2			
LCD PROJECTOR AND SCREEN	P/D	LPS1	*							1			CEILING MOUNTED / MOTORIZED SCREEN
LOCAL SOUND SYSTEM	P/D	LSS1	*							0			WIRE AND WIRELESS MICROPHONES
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL2	*							2			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												4885.21	
REQUIRED PROGRAM SF												5650.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

CAFETORIUM TABLES AND CHAIRS STORAGE (DINING)			PROVIDED BY				SIZE						TOTAL ROOMS = 2
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANT						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STACK CHAIR DOLLY		DLY1		*			3.50	1.91	1.36	6	6.68	40.08	(SHOWN STACKED WITH 38 CHAIRS FOR ASSEMBLY)
CAFE STOOL DOLLY		DLY2		*			4.33	2.00	1.36	2	8.66	17.32	(JUST DOLLY)
WALL AND CEILING MOUNTED EQUIPMENT													
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												72.40	
REQUIRED PROGRAM SF												200.00	

UNION CITY NEW 7-9 SCHOOL FIT OUT LIST

CAFETORIUM STORAGE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER DATA	FURN CODE	DB GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANT						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
METAL SHELVING		MS1	*				1.50	9.00	7.0	1	13.50	13.50	
METAL SHELVING		MS1	*				1.50	6.00	7.0	1	9.00	9.00	
WALL AND CEILING MOUNTED EQUIPMENT													
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												37.50	
REQUIRED PROGRAM SF												100.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

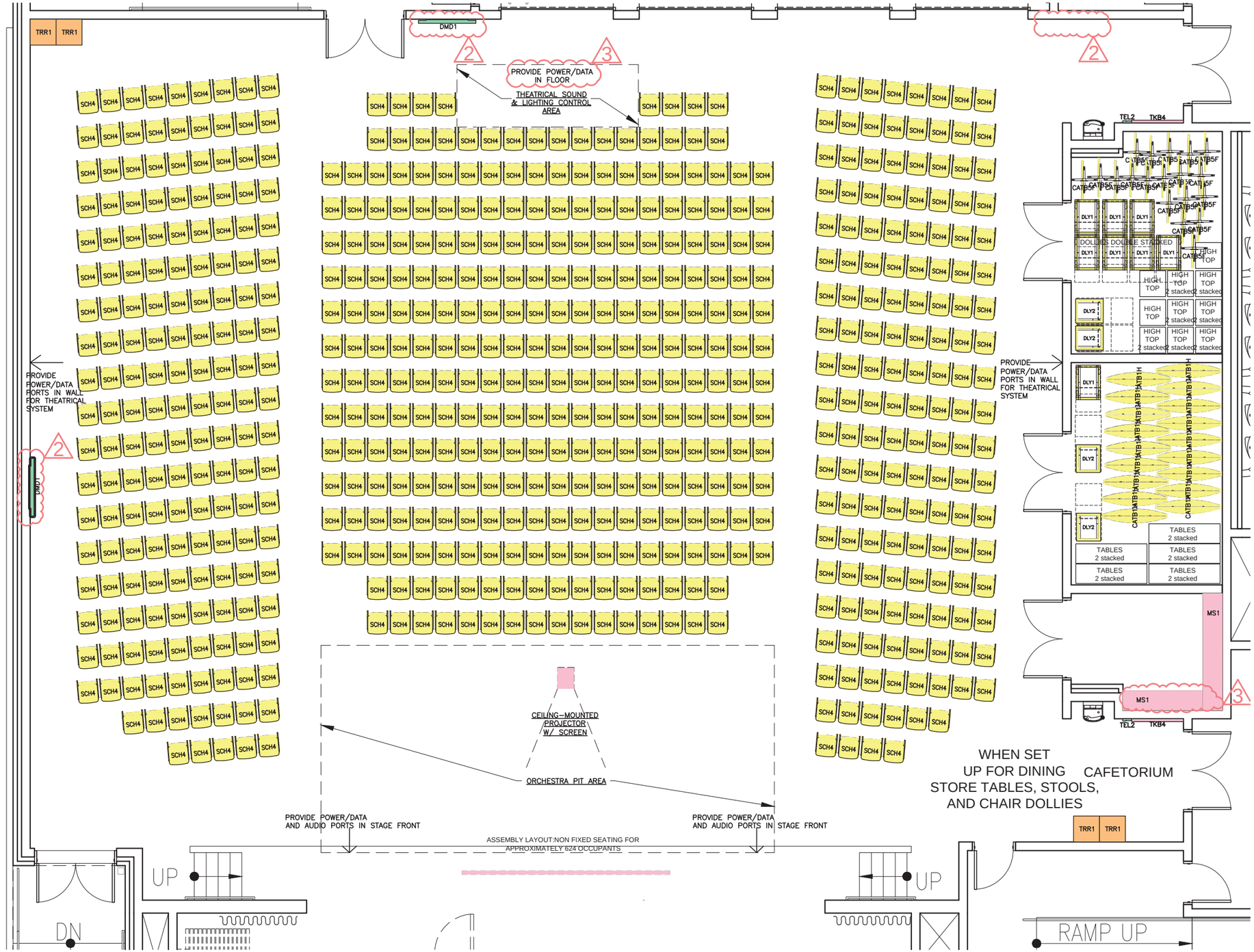
NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DRAWING TITLE
CAFETORIUM (DINING)
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021 | SCALE AS NOTED | DRAWN BY BSK | APPROVED BY JR

DRAWING # (AI-101) E-11a2

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 ROOM LAYOUT - CAFETORIUM (ASSEMBLY)

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

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

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STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

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NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DRAWING TITLE
CAFETORIUM (ASSEMBLY)
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021 | SCALE AS NOTED | DRAWN BY BSK | APPROVED BY JR

DRAWING # (AI-101) E-11b1

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

CAFETORIUM ASSEMBLY			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS						*				624	5.00	3120.00	
FURNITURE AND EQUIPMENT													
STACKABLE CHAIR		SCH4		*			1.80	1.58	1.45	624	2.84	1772.16	FROM +- 750 CHAIRS PURCHASED
TRASH/RECYCLE RECETACLE		TRR1				*	2.00	2.00		4	4.00	16.00	
WALL AND CEILING MOUNTED EQUIPMENT													
TACK BOARD		TKB4	*					4.00	4.00	2			
DIGITAL MEDIA DISPLAY	P/D	DMD1			*					2			
LCD PROJECTOR AND SCREEN	P/D	LPS1	*							1			CEILING MOUNTED / MOTORIZED SCREEN
LOCAL SOUND SYSTEM	P/D	LSS1	*							0			WIRE AND WIRELESS MICROPHONES
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL2	*							2			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												4908.16	
REQUIRED PROGRAM SF												5650.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

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NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

PROJECT TITLE

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

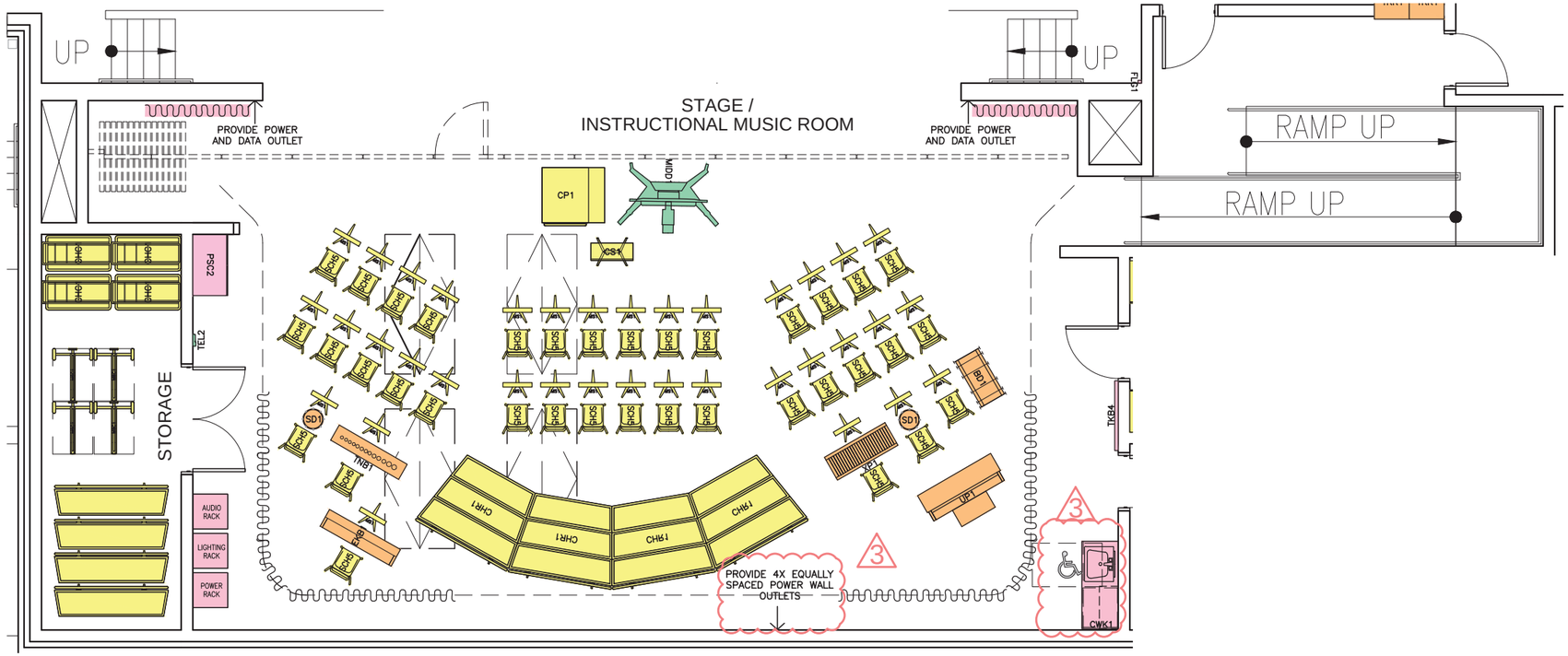
DATE JULY 06, 2021

DRAWING TITLE
CAFETORIUM (ASSEMBLY)
ROOM LAYOUT & FIT-OUT LIST

DRAWING # (AI-101) E-11b2

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM

SCALE AS NOTED | DRAWN BY BSK | APPROVED BY JR



1 ROOM LAYOUT - STAGE/INSTRUMENTAL MUSIC ROOM

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

STAGE/INSTRUMENTAL MUSIC ROOM (INCLUDING STAGE AND SUPPORT)			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				1	15.00	15.00	
TEACHERS						*				48	15.00	720.00	
FURNITURE AND EQUIPMENT													
STACKABLE MUSIC CHAIR		SCH5		*			1.83	1.67	1.45	36	3.06	110.02	
CHORAL RISER		CHR1		*			4.50	6.00	2.00	4	27.00	108.00	
MOBILE INTERACTIVE DISPLAY DEVICE	P/D	MDD1			*		5.75	4.00	3.00	1	23.00	23.00	FLOOR BOX REQUIRED
CONDUCTOR'S PODIUM	1 P/D	CP1		*			3.17	3.58	0.50	1	11.35	11.35	
CONDUCTOR'S STAND		CS1		*			1.58	1.75	4.125	1	2.77	2.77	
MUSIC STAND		MS1		*			1.67	1.58	3.00	36	2.64	94.99	
COUNTER W/ SINK, UPPER AND LOWER CABINETS		CWK1	*				2.08	5.00	2.83	1	10.40	10.40	
BASS DRUM		BD1				*	1.50	3.00		1	4.50	4.50	
ELECTRIC KEYBOARD	P	EKB1				*	1.08	4.67		1	5.04	5.04	
PA / SOUND SYSTEM CABINET	P/D	PSC2	*				2.00	4.50	7.13	1	9.00	9.00	
SNARE DRUM		SD1				*	1.25	1.25		2	1.56	3.13	
TONE BELLS		TNB1				*	1.00	4.50		1	4.50	4.50	
UPRIGHT PIANO		UP1				*	1.85	4.85	3.65	1	8.97	8.97	
XYLOPHONE		XP1				*	1.50	4.00		1	6.00	6.00	
AUDIO VISUAL RACKS	P/D		*				2.00	2.00	5.00	3	4.00	12.00	
MUSIC STAND CART		MSC1		*			3.00	2.25	5.00	4	6.75	27.00	IN ADJACENT STORAGE ROOM
STACKABLE CHAIR CART		CHC1		*			1.71	3.75		4	6.41	25.65	IN ADJACENT STORAGE ROOM
INSTRUMENTS STORAGE CABINET		ISC1		*			2.44	2.29	7.13	6	5.59	33.53	IN ADJACENT STORAGE ROOM
INSTRUMENTS STORAGE CABINET		ISC2		*			2.44	4.04	7.13	6	9.86	59.15	IN ADJACENT STORAGE ROOM
ROBE/UNIFORM STORAGE CABINET		RUSC2		*			2.44	4.04	7.13	2	9.86	19.72	IN ADJACENT STORAGE ROOM
WALL AND CEILING MOUNTED EQUIPMENT													
TACK BOARD		TKB4	*					4.00	4.	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
MUSIC SOUND SYSTEM	P/D	MSS1	*							1			
FLAG HOLDER		FLG1	*							1			
MAIN STAGE CURTAIN		MSC1	*							5			
THEATRICAL LIGHTING SYSTEM	P/D	TLS1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)										1			
TELEPHONE HANDSET	P/D	TEL2	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												1313.70	
REQUIRED PROGRAM SF												1800.00	INCLUDES STORAGE

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

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STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

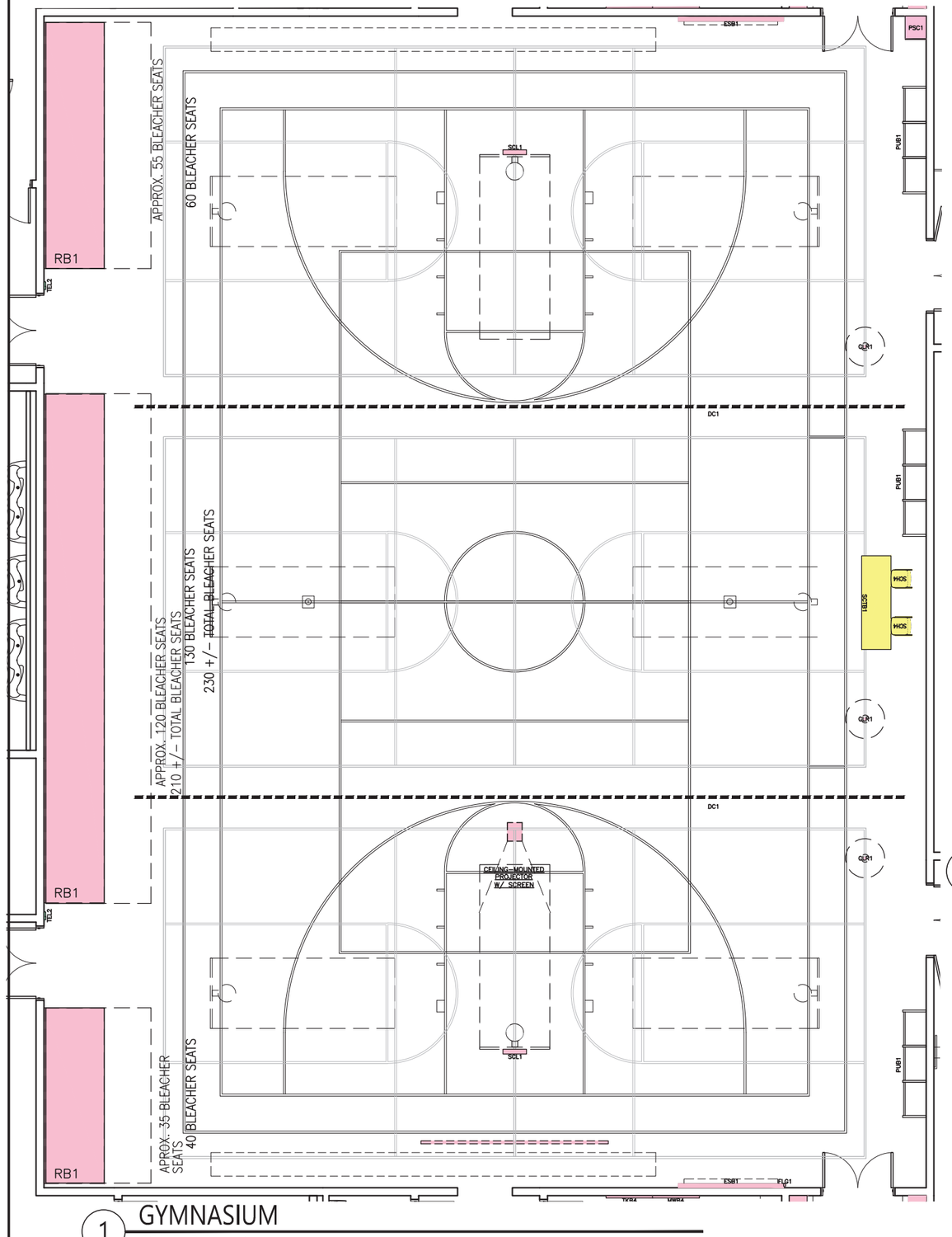
DRAWING TITLE
STAGE/
INSTRUMENTAL MUSIC ROOM
ROOM LAYOUT AND FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-101) E-12

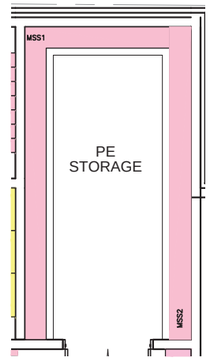
SCALE: AS NOTED | DRAWN BY: BSK | APPROVED BY: JR

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 GYMNASIUM

SCALE : 3/32" = 1'-0"



2 GYMNASIUM STORAGE

SCALE : 3/32" = 1'-0"

UNION CITY NEWGRADE 7-9 SCHOOL FIT OUT LIST

GYMNASIUM			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS (gym floor)						*				72	80.00	5760.00	
TEACHERS						*				3	20.00	60.00	
FURNITURE AND EQUIPMENT													
SCORER'S TABLE	P/D	SCTB1		*			2.50	8.00	2.50	1	20.00	20.00	FOLDABLE WITH PADDING
STACKABLE CHAIR		SCH4		*			1.80	1.58	1.45	2	2.64	5.68	
PA / SOUND SYSTEM CABINET	P/D	PSC1		*			2.00	1.79	7.13	1	3.58	3.58	
RETRACTABLE BLEACHERS (IN CLOSED POSITION)	P	RB1	*				5.00	78.88		1	390.00	390.00	THREE SECTIONS-SEATING FOR 230
WALL AND CEILING MOUNTED EQUIPMENT													
ELECTRONIC SCORE BOARD	P/D	ESB1	*							2			
BASKETBALL SHOT CLOCK	P/D	SCL1	*							2			
DIVIDER CURTAIN		DC1	*							2			
FOLDING BASKETBALL GOAL		FBG1	*							8			TWO PREMIUM GOALS, 6 STANDARD
PULL-UP BAR		PUB1	*							3			
WRESTING MATS LIFTER		WREL	*							2			
CLIMBING ROPE		CLR1	*							3			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
LCD PROJECTOR AND SCREEN	P/D	LPS1	*							1			CEILING MOUNTED / MOTORIZED SCREEN
LOCAL SOUND SYSTEM	P/D	LSS1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL2	*							2			
VOLLEYBALL SLEEVES AND STANDARDS		VSS1	*							3			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												6239.26	
REQUIRED PROGRAM SF												7500.00	

UNION CITY NEWGRADE 7-9 SCHOOL FIT OUT LIST

GYMNASIUM STORAGE			PROVIDED BY				SIZE						TOTAL ROOMS = 2
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANT						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
METAL - STORAGE SHELVING		MSS1	*				1.50	32.17	6.00	2	48.26	96.52	
METAL - STORAGE SHELVING		MSS2	*				1.50	22.00	6.00	2	33.00	66.00	
WALL AND CEILING MOUNTED EQUIPMENT													
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												177.52	
REQUIRED PROGRAM SF												250.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

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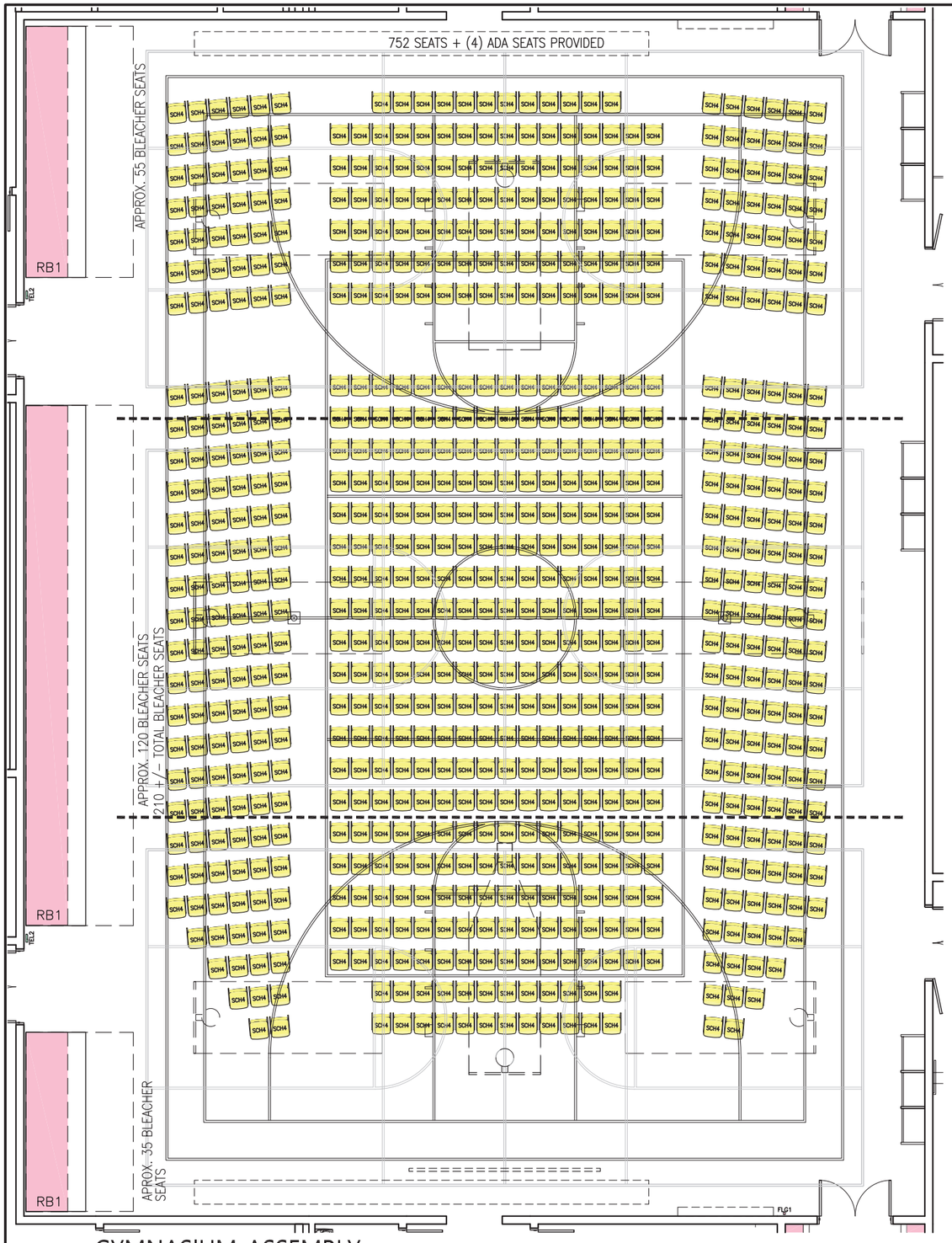
STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

DOE PROJECT # 5240-N10-16-1000
NJSDA PROJECT # 5240-N10-16-0AEN
DRAWING TITLE
GYMNASIUM
ROOM LAYOUT & FIT-OUT LIST
DATE JULY 06, 2021
SCALE AS NOTED
DRAWN BY BSK
APPROVED BY JR
DRAWING # (AI-101) E-15a

SYMBOL	DATE	REVISIONS
2	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
1	3/07/22	ADDENDUM 1
	4/01/22	ADDENDUM



1 GYMNASIUM-ASSEMBLY

SCALE : 3/32" = 1'-0"

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

GYMNASIUM - ASSEMBLY			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS (gym floor)						*				756	5.00	3780.00	
TEACHERS						*				3	5.00	15.00	
FURNITURE AND EQUIPMENT													
STACKABLE CHAIR		SCH4				* 3	1.80	1.58	1.45	752	2.84	2135.68	RENTED CHAIRS BY DISTRICT
PA / SOUND SYSTEM CABINET	P/D	PSC1		*			2.00	1.79	7.13	1	3.58	3.58	
RETRACTABLE BLEACHERS (IN CLOSED POSITION)	P	RB1	*				5.00	78.88		1	390.00	390.00	THREE SECTIONS-SEATING FOR 230
WALL AND CEILING MOUNTED EQUIPMENT													
ELECTRONIC SCORE BOARD	P/D	ESB1	*							2			
BASKETBALL SHOT CLOCK	P/D	SCL1	*							2			
DIVIDER CURTAIN		DC1	*							2			
FOLDING BASKETBALL GOAL		FBG1	*							8			TWO PREMIUM GOALS, 6 STANDARD
PULL-UP BAR		PUB1	*							3			
WRESTING MATS LIFTER		WREL	*							2			
CLIMBING ROPE		CLR1	* 3							3			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
LCD PROJECTOR AND SCREEN	P/D	LPS1	*							1			CEILING MOUNTED / MOTORIZED SCREEN
LOCAL SOUND SYSTEM	P/D	LSS1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL2	*							2			
VOLLEYBALL SLEEVES AND STANDARDS		VSS1	*							3			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												6324.26	
REQUIRED PROGRAM SF												7500.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

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FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

N.J.S.D.A. PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

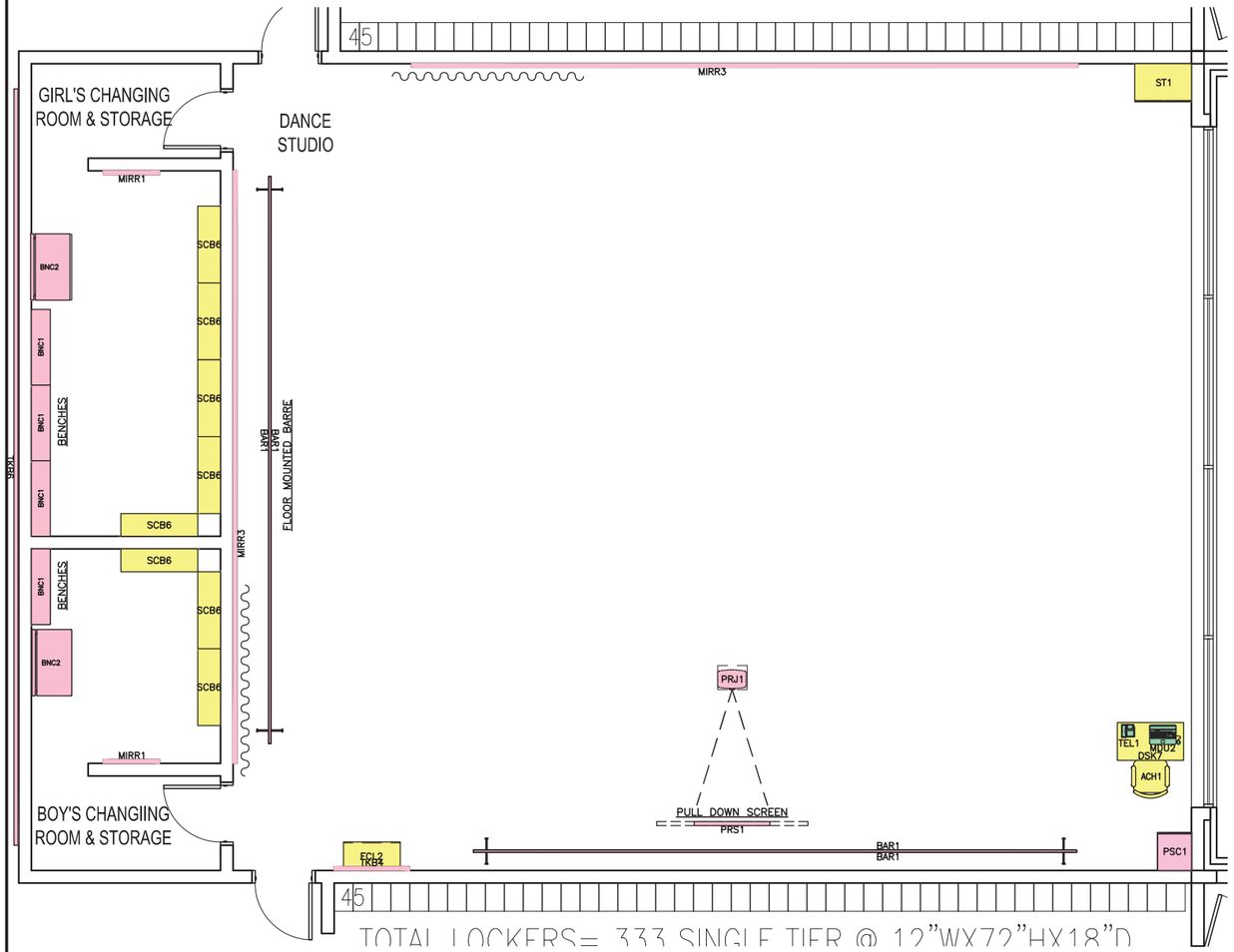
DRAWING TITLE
GYMNASIUM-ASSEMBLY
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-101) E-15b

SCALE AS NOTED | DRAWN BY BSK | APPROVED BY JR

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	10/07/21	ADDENDUM 1
3	11/01/21	ADDENDUM 2



1 DANCE STUDIO LAYOUT
SCALE : 1/8" = 1'-0"

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

DANCE STUDIO			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS										24	70.00	1680.00	
TEACHERS										1	15.00	15.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE DESK-24X42		DSK7		*			2.00	3.50	2.50	1	7.00	7.00	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
LOCAL SOUND SYSTEM CABINET	P/D	PSC1	*				2.00	1.79	7.13	1	3.58	3.58	
TEACHER'S CABINET 24X36		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
BALLET BARRE		BAR1	*				0.75	30.01		1	22.51	22.51	FLOOR MOUNTED
BALLET BARRE		BAR1	*				0.75	31.91		1	23.93	23.93	FLOOR MOUNTED
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
PROJECTION SCREEN	P	PRS1	*					8.00	4.00	1			
PROJECTOR	P/D	PRJ1	*				1.00	1.42		1			
TACK BOARD		TKB4	*					4.00	4.00	1			
WALL MIRROR		MIRR3	*					35.25	8.00	1			
WALL MIRROR		MIRR3	*					31.35	8.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
LOCAL SOUND SYSTEM	P/D	LSS1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
RETRACTABLE CURTAIN		C2	*							2			
FURNITURE AND EQUIPMENT (no floor impact)													
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF - GIRLS CHANGING												283.00	
CALCULATED NET TOTAL SF - BOYS CHANGING												145.00	
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												2194.52	
REQUIRED PROGRAM SF												2500.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

GIRLS CHANGING ROOM AND STORAGE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS										16	15.00	240.00	
FURNITURE AND EQUIPMENT													
LOCKER BENCH		BNC1	*				1.00	4.00	1.50	3	4.00	12.00	
ACCESSIBLE LOCKER BENCH		BNC2	*				2.00	3.50	1.50	1	7.00	7.00	
STUDENT CUBBIES		SCB6		*			1.20	4.00	4.5	5	4.80	24.00	CUBBIES FOR 24 STUDENTS
WALL AND CEILING MOUNTED EQUIPMENT													
WALL MOUNTED MIRROR		MIRR1	*					3.00	4.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												283.00	
REQUIRED PROGRAM SF													INCLUDED IN DANCE STUDIO PROGRAM SF AS SUPPORT SPACE

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

BOYS CHANGING ROOM AND STORAGE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS										8	15.00	120.00	
FURNITURE AND EQUIPMENT													
LOCKER BENCH		BNC1	*				1.00	4.00	1.50	1	4.00	4.00	
ACCESSIBLE LOCKER BENCH		BNC2	*				2.00	3.50	1.50	1	7.00	7.00	
STUDENT CUBBIES		SCB6		*			1.20	4.00	4.5	3	4.80	14.40	CUBBIES FOR 8 STUDENTS
WALL AND CEILING MOUNTED EQUIPMENT													
WALL MOUNTED MIRROR		MIRR1	*					3.00	4.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												145.40	
REQUIRED PROGRAM SF													INCLUDED IN DANCE STUDIO PROGRAM SF AS SUPPORT SPACE

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN
DOE PROJECT # 5240-N10-16-1000
DRAWING TITLE
DANCE STUDIO
ROOM LAYOUT & FIT-OUT LIST
DATE JULY 06, 2021
DRAWN BY
APPROVED BY
SCALE AS NOTED
DRAWING # (AI-102) E-19

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM

1 VOCAL MUSIC ROOM LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

VOCAL MUSIC ROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				45	15.00	675.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
MUSIC CHAIR W/FOLDING ARM		SCH6		*			1.83	1.67	1.45	45	3.06	137.70	WITH FOLDING TABLET ARM
FOLDING PORTABLE RISERS				*									
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	1	3.58	3.58	
STUDENT CUBBIES		SCB6					1.20	4.00	4.5	4	4.80	19.20	CUBBIES FOR 8 STUDENTS
CONDUCTOR'S PODIUM		CP1		*			3.17	3.58	0.50	1	11.35	11.35	
MUSIC STAND		MS1		*			1.67	1.58	3.00	27	2.64	71.28	
UPRIGHT PIANO		UP1				*	1.85	4.85	3.65	1	8.97	8.97	
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
PA / SOUND SYSTEM CABINET		PSC1	*				2.00	1.79	7.13	1	3.58	3.58	
ROBE/UNIFORM STORAGE CABINET		RUSC2		*			2.44	4.04	7.13	1	9.85	9.85	
TALL CHORAL FOLIO CABINET		TFC1		*			1.60	2.22	7.02	7	3.57	24.99	
COMPUTER TABLE		CTB7		*			2.00	2.00	4.00	1	4.00	4.00	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	2.33	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
MAGNETIC WHITE BOARD		MWB8	*					8.00	4.00	2			
TACK BOARD		TKB6	*					6.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	1			
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
LOCAL SOUND SYSTEM	P/D	LSS1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
GRIP STRIP		GS20	*					20.00	0.25	1			INSTALL OVER WALL MOUNTED DEVICES
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL1	*							1			
CLASSROOM PRINTER	P/D	PRT1			*					1			
TEACHER'S MOBILE DEVICE	P/D	MDU2			*					1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												1014.00	
REQUIRED PROGRAM SF												1050.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

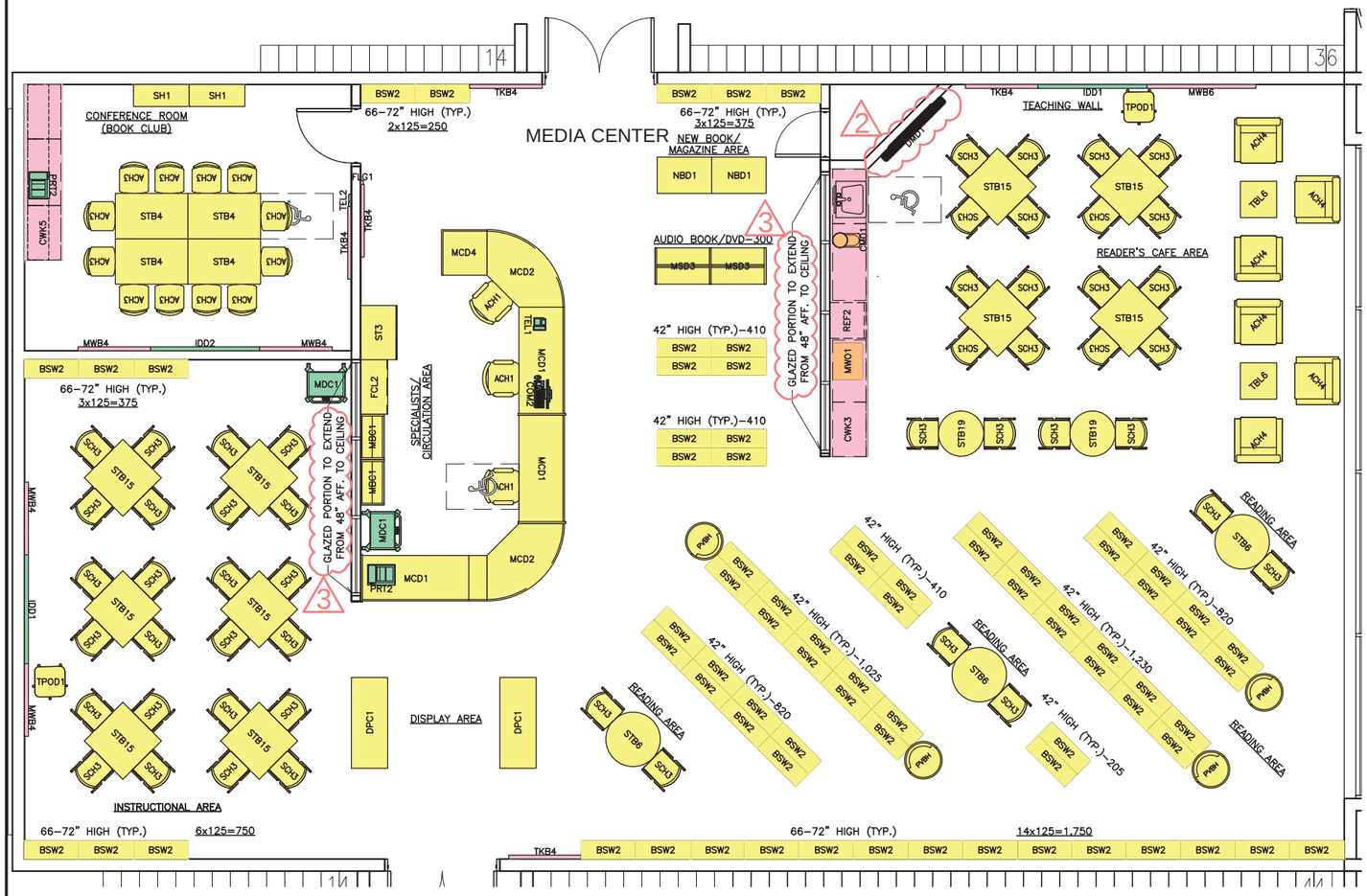
DRAWING TITLE
VOCAL MUSIC ROOM
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # E-20 (AI-102)

SCALE AS NOTED | DRAWN BY | APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 ROOM LAYOUT - MEDIA CENTER

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

UNION CITY NEW7-9 SCHOOL FIT OUT LIST

MEDIA CENTER			PROVIDED BY SDA			SIZE					TOTAL ROOMS = 1
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				48	15.00	720.00	
TEACHER						*				1	15.00	15.00	
ADDITIONAL TEACHERS						*				2	15.00	30.00	
FURNITURE AND EQUIPMENT													
TABLE - 24X24		TBL6		*			2.00	2.00	1.83	2	4.00	8.00	
STUDENT TABLE-30X48		STB4		*			2.50	4.00	2.50	4	10.00	40.00	
STUDENT TABLE-CIRCULAR 30"D		STB19		*			3.00	2.50	3.00	2	7.50	15.00	
STUDENT TABLE-CIRCULAR 36"D		STB6		*			3.00	3.00	3.00	3	9.00	27.00	
STUDENT TABLE - 36X36		STB15		*			3.00	3.00	2.50	4	9.00	36.00	
STUDENT TABLE - 36X36		STB18		*			3.00	3.00	2.50	6	9.00	54.00	
COMPUTER TABLE-24X60		CTB8		*			2.00	5.00	2.67	1	10.00	10.00	W/ GROMMETS & CABLE TRAY
CIRCULATION DESK - DESK MODULE		MCD1		*			2.50	5.90	2.67	1	14.90	14.90	
CIRCULATION DESK - DESK MODULE		MCD1		*			2.50	5.90	2.67	2	14.90	29.80	
CIRCULATION DESK - CORNER MODULE		MCD2		*			2.50	4.25	2.67	2	10.63	21.25	
CIRCULATION DESK - CORNER MODULE		MCD4		*			2.50	2.50	2.67	1	6.25	6.25	
STUDENTS CHAIR		SCH3		*			1.70	1.74	1.50	59	2.96	147.90	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	3	4.00	12.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.08	12	2.75	33.01	
LOUNGE CHAIR		ACH4		*			1.73	1.59	1.08	6	2.75	16.50	
STUDENT PRIVACY BOOTH		PVBH		*			2.00	1.03	5.00	4	2.06	8.24	
BOOK SHELVING		SH1		*			1.17	3.05	2.50	2	3.52	7.16	
WOOD BOOKSTACK SHELVING		BSW2		*			1.00	3.00	4.00	78	3.00	234.00	HEIGHTS VARY, SEE PLAN
MEDIA DISPLAY		MSD3		*			2.00	3.17	5.00	2	6.34	12.68	
DISPLAY CABINET		DPC1		*			2.00	5.00	3.50	2	10.00	20.00	
NEW BOOK DISPLAY		NBD1		*			2.00	3.00	3.50	2	6.00	12.00	
ROLLING BOOK CART		MBC1		*			1.00	3.17	3.50	2	3.17	6.34	
TEACHER'S PODIUM	P/D	TPOD1		*			1.76	1.76	3.00	3	3.10	9.29	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	2	5.06	10.11	FOR 24 MOBILE DEVICES
STORAGE CABINET 2X3		ST3		*			2.00	3.00	6.00	1	6.00	6.00	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.50	1	4.50	4.50	
COUNTER W/ SINK AND LOWER CABINETS		CWK3	*				2.08	15.83	2.83	1	32.93	32.93	
COUNTER W/UPPER AND LOWER CABINETS		CWK5	*				2.08	9.67	2.83	1	20.11	20.11	
WALL AND CEILING MOUNTED EQUIPMENT													
DIGITAL MEDIA DISPLAY	P/D	DMD1			*			6.00	4.00	1			
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	2			
SMALL INTERACTIVE DISPLAY DEVICE	P/D	IDD2			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB4	*					4.00	4.00	4			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	5			
CLOCK SYSTEM	P/D	CLK1	*							2			
INTERCOM SYSTEM	P/D	ITC1	*							2			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENTS MOBILE DEVICE	P/D	MDU1			*					48			
ADMINISTRATIVE COMPUTER	P/D	COM2			*					1			
ADMINISTRATIVE PRINTER	P/D	PRT2			*					2			
TELEPHONE HANDSET	P/D	TEL1	*							1			DESK
TELEPHONE HANDSET	P/D	TEL2	*							1			WALL MOUNTED
COFFEE MAKER	P	CMD1				*				1			
MICROWAVE OVEN	P	MWO1				*				1			
UNDERCOUNTER REFRIGERATOR	P	REF2				*				1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												1615.98	
REQUIRED PROGRAM SF												3000.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

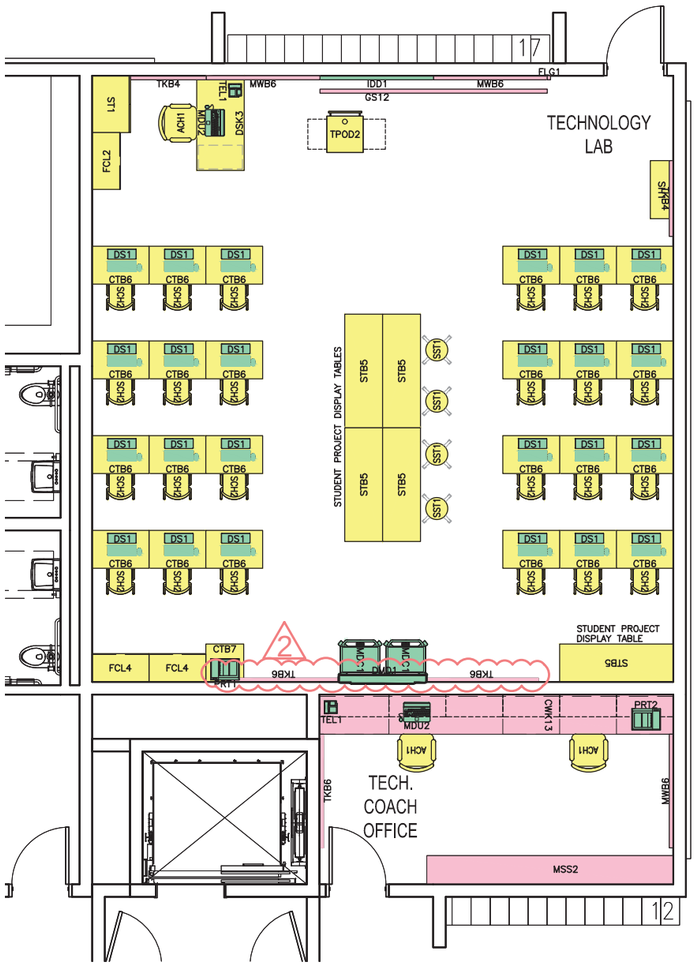
DRAWING TITLE
MEDIA CENTER
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-101) E-22

SCALE AS NOTED | DRAWN BY BSK | APPROVED BY JR

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 TECHNOLOGY LAB LAYOUT
SCALE : 1/8" = 1'-0"

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

TECHNOLOGY LAB			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
STUDENTS						*				24	15.00	360.00	
TEACHERS						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
STUDENT TABLE-24X72		STB5		*			2.00	6.00	2.50	5	12.00	60.00	
COMPUTER TABLE-24X36		CTB6		*			2.00	3.00	2.50	24	6.00	144.00	W/ GROMMETS & CABLE TRAY
COMPUTER TABLE-24X24		CTB7		*			2.00	2.00	2.50	1	4.00	4.00	W/ GROMMETS & CABLE TRAY
ADMINISTRATIVE DESK-30X60	P/D	DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
STUDENTS CHAIR		SCH2		*			1.45	1.37	1.50	24	1.99	47.76	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
STUDENT STOOL		SST1		*			1.83	1.83		4	3.66	14.64	
BOOKS SHELVING		SH1		*			1.17	3.06	2.50	1	3.58	3.58	
MOBILE DEVICE CHARGING CART	P/D	MDC1			*		2.17	2.33	3.50	2	5.06	10.12	FOR (24) MOBILE DEVICES EACH
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
MOBILE TEACHER PODIUM	P/D	TPOD2			*		1.92	1.92	3.42	1	3.69	3.69	
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	2	4.50	9.00	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	2			
TACK BOARD		TKB4	*					4.00	4.00	2			
TACK BOARD		TKB6	*					6.00	4.00	2			
GRIP STRIP		GS12	*					12.00	0.25	1			INSTALL OVER WALL MOUNTED DEVICES
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
SOUND ENHANCEMENT SYSTEM	P	SES1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
STUDENTS MOBILE DEVICE	P/D	MDU1			*					48			
CLASSROOM PRINTER	P/D	PRT1			*					1			
DIGITAL MEDIA DISPLAY	P/D	DMD1			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
MOBILE DEVICE DOCKS W/MONITOR, KEYBOARD, AND MOUSE	P/D	DS1			*					24			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												698.79	
REQUIRED PROGRAM SF												950.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

TECHNOLOGY COACH OFFICE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS										2	15.00	30.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
COUNTER WITH STORAGE CABINETS ABOVE AND PEDESTALS BELOW		CWK13	*				2.08	18.67	2.50	1	38.83	38.83	PROVIDE POWER AND DATA AT COUNTER HEIGHT
METAL STORAGE SHELVING		MSS2	*				1.50	13.00	6.00	1	19.50	19.50	
WALL AND CEILING MOUNTED EQUIPMENT													
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	1			
TACK BOARD		TKB6	*					6.00	4.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)										1			
MOBILE DEVICE	P/D	MDU1			*					1			
ADMINISTRATIVE PRINTER	P/D	PRT2			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)										1		96.33	
REQUIRED PROGRAM SF										1		200.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

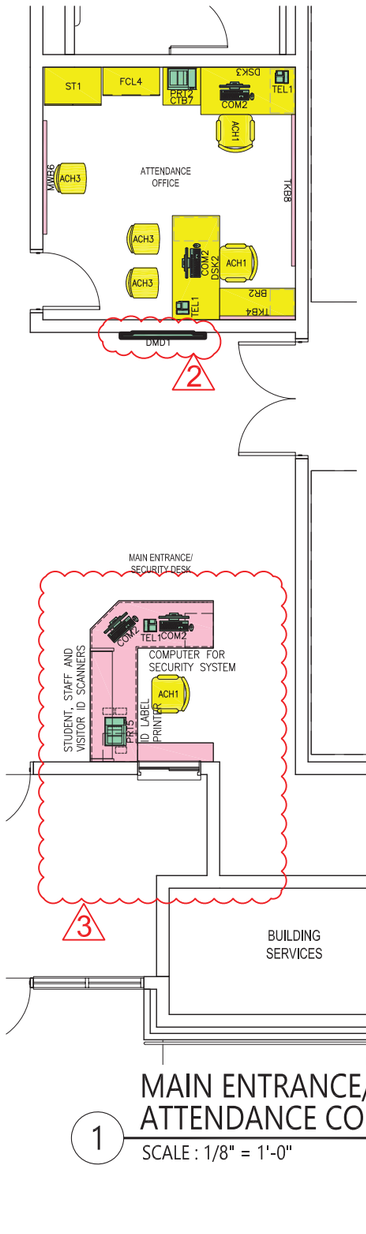
LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

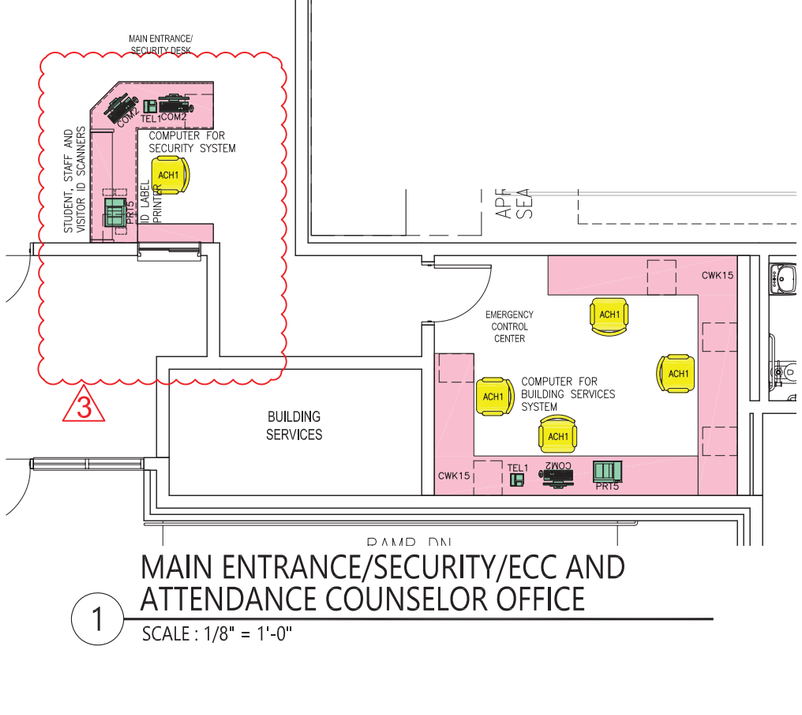
STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

DOE PROJECT # 5240-N10-16-1000
NJSDA PROJECT # 5240-N10-16-0AEN
DRAWING TITLE
TECHNOLOGY LAB
ROOM LAYOUT & FIT-OUT LIST
DATE JULY 06, 2021
DRAWING # (AI-104) E-23
SCALE AS NOTED
DRAWN BY
APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM





MAIN ENTRANCE/SECURITY/ECC AND ATTENDANCE COUNSELOR OFFICE

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

MAIN ENTRANCE/SECURITY DESK			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
FIRST OCCUPANT						*				1	15	15.00	
ADDITIONAL OCCUPANT/S						*				5	15	75.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
SECURITY COUNTER		SEC1	*				2.50	15.00	2.83	1	37.50	37.50	SECURITY DESK WITH TRANSACTION COUNTER AND PEDESTAL STORAGE BELOW
WALL AND CEILING MOUNTED EQUIPMENT													
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
ADMINISTRATIVE COMPUTER	P/D	COM2	*							1			PROVIDED BY D/B AS PART OF THE SECURITY SYSTEM
ADMINISTRATIVE COMPUTER	P/D	COM2			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							1			
ID-LABEL PRINTER	P/D	PRT5				*				1			
STUDENT, STAFF, AND VISITOR ID SCANNERS	P/D					*				1 ea			
DIGITAL MEDIA DISPLAY	P/D	DMD1			*					1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)						2						90.00	
REQUIRED PROGRAM SF												800.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

EMERGENCY CONTROL CENTER			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
FIRST OCCUPANT						*				1	15.00	15.00	
ADDITIONAL OCCUPANT/S						*				3	15.00	45.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	4	4.00	16.00	
COUNTER WITH KNEE SPACE AND PEDESTAL STORAGE		CWK15	*				2.08	22.67	2.50	1	47.15	47.15	PEDESTAL STORAGE BELOW. PROVIDE POWER AND DATA AT COUNTER HEIGHT.
COUNTER WITH KNEE SPACE AND PEDESTAL STORAGE		CWK15	*				2.08	21.42	2.50	1	44.55	44.55	
WALL AND CEILING MOUNTED EQUIPMENT													
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FLAG HOLDER		FLG1	*							0			
FURNITURE AND EQUIPMENT (no floor impact)													
ADMINISTRATIVE COMPUTER	P/D	COM2	*							1			
PRINTER	P/D	PRT5	*							1			PROVIDED BY DB
TELEPHONE HANDSET	P/D	TEL1	*							1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												167.70	
REQUIRED PROGRAM SF												200.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

ATTENDANCE OFFICE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS						*				2	15	30.00	
ADDITIONAL OCCUPANT/S						*				3	15	45.00	
FURNITURE AND EQUIPMENT													
COMPUTER TABLE-24X24		CTB7		*			2.00	2.00	2.50	1	4.00	4.00	W/ GROMMETS & CABLE TRAY
BRIDGE RETURN		BR2		*			1.67	4.00	2.50	1	6.68	6.68	WITH PEDESTAL FILE CAB
ADMINISTRATIVE DESK- 30X66		DSK2		*			2.50	5.50	2.50	1	13.75	13.75	
ADMINISTRATIVE DESK-30X60		DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.50	3	2.75	8.25	
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	1	4.50	4.50	
WALL AND CEILING MOUNTED EQUIPMENT													
INTERACTIVE DISPLAY DEVICE	P/D	IDD1			*			6.00	4.00	1			LOCATED IN CORRIDOR OUTSIDE OFFICE
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	1			
TACK BOARD		TKB8	*					8.00	4.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
ADMINISTRATIVE COMPUTER	P/D	COM2			*					2			
ADMINISTRATIVE PRINTER	P/D	PRT2			*					1			
TELEPHONE HANDSET	P/D	TEL1	*							2			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												134.18	
REQUIRED PROGRAM SF												175.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

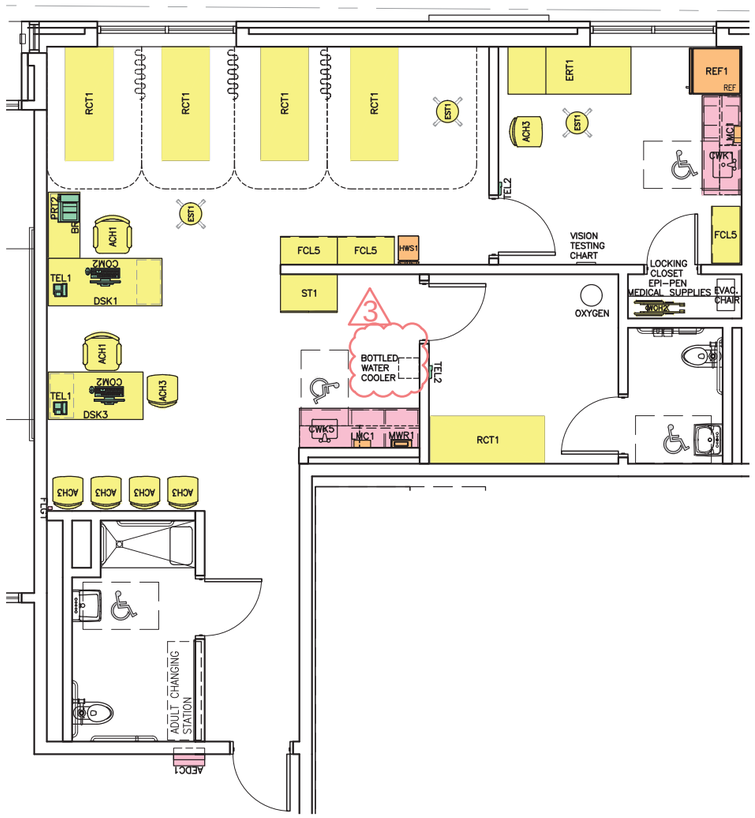
NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DRAWING TITLE
MAIN ENTRANCE/SECURITY
ECC
ATTENDANCE OFFICE
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021 | SCALE AS NOTED | DRAWN BY | APPROVED BY

DRAWING # (AI-101) E-24

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 NURSE'S OFFICE LAYOUT

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

NURSE'S OFFICE RECEPTION/INTAKE/COTS/STORAGE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
FIRST OCCUPANT						*				1	15.00	15.00	
ADDITIONAL OCCUPANT/S						*				6	15.00	90.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE DESK-30/72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
ADMINISTRATIVE DESK-30/60		DSK3		*			2.50	5.00	2.50	1	12.50	12.50	
BRIDGE RETURN		BR1		*			1.67	3.50	2.5	1	5.85	5.85	WITH PEDESTAL FILE CAB
RESTING COT		RCT1		*			2.50	6.00	2.50	4	15.00	60.00	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	2	4.00	8.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.06	5	2.75	13.75	
EXAM STOOL		EST1		*			1.83	1.83	1.5	2	3.66	7.32	
HEIGHT/WEIGHT SCALE		HWS1				*	1.50	1.06	7.02	1	1.59	1.59	
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	1	6.00	6.00	
5-DRAWER LATERAL FILE CABINET		FCL5		*			1.50	3.00	5.83	2	4.50	9.00	
COUNTER W/ SINK, UPPER AND LOWER CABINETS		CWK5	*				2.08	6.33	2.83	1	13.17	13.17	PROVIDE POWER AT COUNTER HEIGHT
BOTTLED WATER COOLER	P					*	1.2	1.2	3.67	1	1.44	1.44	
WALL AND CEILING MOUNTED EQUIPMENT													
LOCKABLE MEDICINE CABINET		LMC1				*	0.40	0.88	1.85	1			
MEDICAL WASTE RECEPTACLE		MWR1				*	0.42	1.65	0.98	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
ADMINISTRATIVE COMPUTER	P/D	COM2			*					2			
ADMINISTRATIVE MFP PRINTER W/ FAX	P/D	PRT2			*					1			
TELEPHONE HAND SETS	P/D	TEL1	*							2			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												258.62	
REQUIRED PROGRAM SF												475.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

NURSE'S OFFICE ISOLATION ROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
FIRST OCCUPANT						*				1	15.00	15.00	
ADDITIONAL OCCUPANT/S						*				1	15.00	15.00	
FURNITURE AND EQUIPMENT													
RESTING COT		RCT1		*			2.50	6.00	2.50	1	15.00	15.00	
WALL AND CEILING MOUNTED EQUIPMENT													
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL2	*							1			
WALL PADDING SYSTEM			*										
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												45.00	
REQUIRED PROGRAM SF												150.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

NURSE'S OFFICE EXAM ROOM (INCLUDING STORAGE)			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
FIRST OCCUPANT						*				1	15	15.00	
ADDITIONAL OCCUPANT/S						*				2	15	30.00	
FURNITURE AND EQUIPMENT													
EXAM ROOM TABLE		ERT1		*			2.50	6.50	2.50	1	16.25	16.25	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.50	1	2.75	2.75	
EXAM STOOL		EST1		*			1.83	1.83	1.50	1	3.66	3.66	
REFRIGERATOR	P	REF1				*	2.67	2.42	6.00	1	6.39	6.39	
5-DRAWER LATERAL FILE CABINET		FCL5		*			1.50	3.00	5.83	1	4.50	4.50	
COUNTER W/ SINK, UPPER AND LOWER CABINETS	P	CWK1	*				2.08	5.08	2.83	1	10.57	10.57	PROVIDE POWER AT COUNTER HEIGHT
WHEEL CHAIR (FOLDED)		WCH2				*	2.60	2.04	1.50	1	5.30	5.30	
WALL AND CEILING MOUNTED EQUIPMENT													
LOCKABLE MEDICINE CABINET		LMC1				*	0.40	0.88	1.85	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
VISION TESTING CHART	P					*				1			
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL2	*							1			
AUDIO METER	P/D	AMT1				*	1.20	1.00	0.50	1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												94.42	
REQUIRED PROGRAM SF												175.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

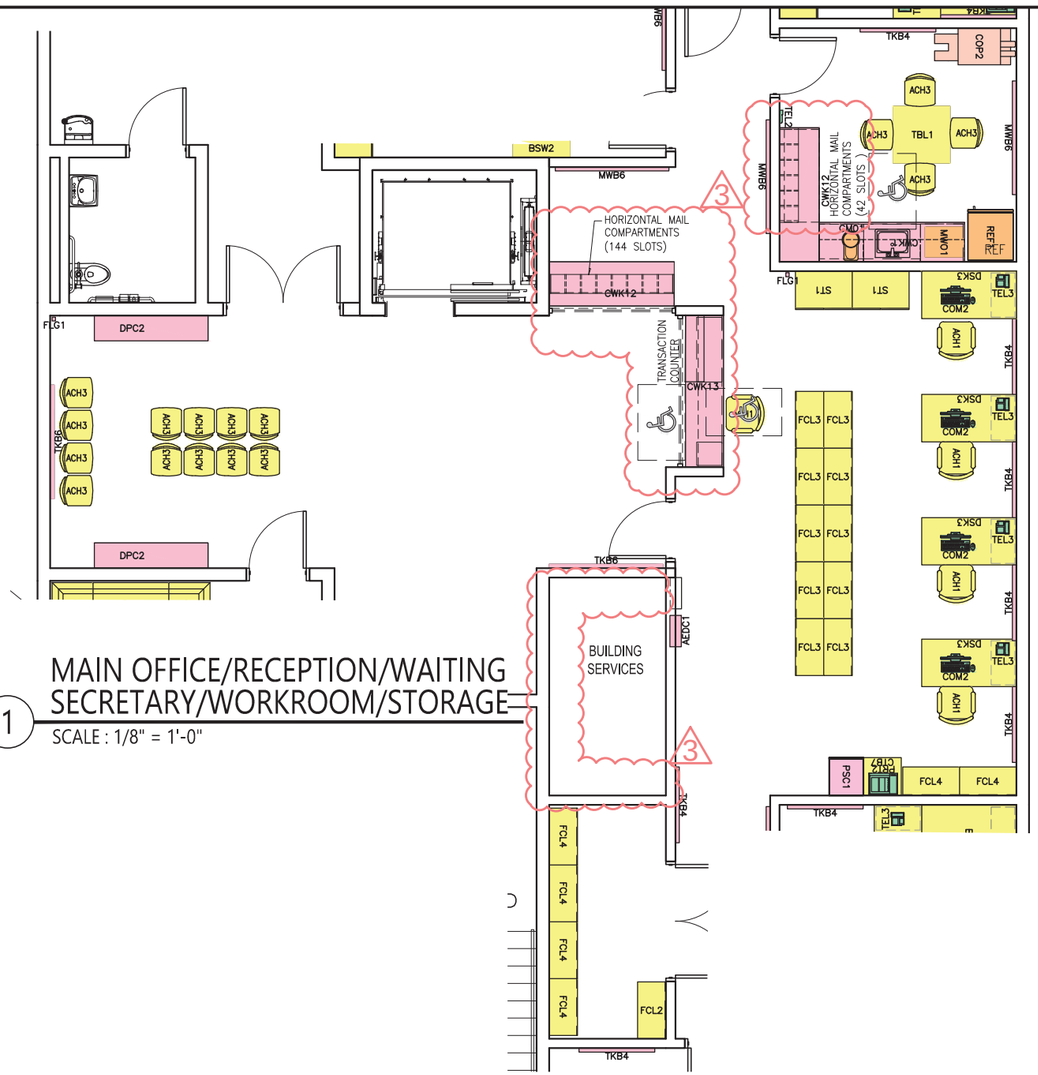
LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN
DOE PROJECT # 5240-N10-16-1000
DRAWING TITLE
NURSE'S OFFICE
ROOM LAYOUT & FIT-OUT LIST
DATE JULY 06, 2021
DRAWING # E-28 (AI-101)
SCALE AS NOTED
DRAWN BY
APPROVED BY

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 MAIN OFFICE/RECEPTION/WAITING SECRETARY/WORKROOM/STORAGE

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

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

MAIN OFFICE RECEPTION/WAITING/ SECRETARY			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS						*				12	15.00	180.00	
FURNITURE AND EQUIPMENT													
TABLE		TBL9		*			1.50	1.50	1.83	0	2.25	0.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.06	12	2.75	33.00	
DISPLAY CASE		DPC2	*				1.33	6.00		2	7.98	15.96	
WALL AND CEILING MOUNTED EQUIPMENT													
TACK BOARD		TKB6	*					6.00	4.00	2			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												228.96	

MAIN OFFICE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANTS						*				4	15.00	60.00	
FURNITURE AND EQUIPMENT													
COMPUTER TABLE-24X24		CTB7		*			2.00	2.00	2.50	1	4.00	4.00	W/ GROMMETS & CABLE TRAY
ADMINISTRATIVE DESK-30X60		DSK3		*			2.50	5.00	2.50	4	12.50	50.00	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	5	4.00	20.00	
TEACHER'S WARDROBE		ST1		*			2.00	3.00	6.00	2	6.00	12.00	
PA / SOUND SYSTEM CABINET	P/D	PSC1		*			2.00	1.79	7.13	1	3.58	3.58	
3-DRAWER LATERAL FILE CABINET		FCL3		*			1.50	3.00	3.50	10	4.50	45.00	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	2	4.50	9.00	
CUSTOM MILLWORK - MAIL SLOT		CWK12	*				2.50	6.67	2.83	1	15.43	15.43	COUNTER WITH 144 MAIL SLOTS AND STORAGE BELOW
CUSTOM MILLWORK		CWK13	*				2.00	8.16	2.83	1	20.4	20.40	RECEPTION COUNTER WITH PEDESTAL STORAGE AND KNEE SPACE. PROVIDE POWER AND DATA AT COUNTER HEIGHT.
WALL AND CEILING MOUNTED EQUIPMENT													
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	1			
TACK BOARD		TKB4	*					4.00	4.00	4			
AUTOMATED EXTERNAL DEFIBRILLATOR CABINET		AEDC1	*				0.61	1.65	2.06	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
ADMINISTRATIVE COMPUTER	P/D	COM2			*					4			
ADMINISTRATIVE MFP PRINTER W/ FAX	P/D	PRT2			*					1			
ADMINISTRATIVE TELEPHONE HANDSET	P/D	TEL3	*							4			
RECEPTION CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												233.46	
MAIN OFFICE TOTAL CALCULATED NET TOTAL (OCCUPANTS AND FF&E)												239.41	
TOTAL CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												472.87	
REQUIRED PROGRAM SF												1000.00	

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

MAIN OFFICE RECORDS AND TEST STORAGE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
OCCUPANT										1	15.00	15.00	
FURNITURE AND EQUIPMENT													
2-DRAWER LATERAL FILE CABINET		FCL2		*			1.50	3.00	2.33	1	4.50	4.50	
4-DRAWER LATERAL FILE CABINET		FCL4		*			1.50	3.00	4.66	4	4.50	18.00	
WALL AND CEILING MOUNTED EQUIPMENT													
FURNITURE AND EQUIPMENT (no floor impact)													
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												37.50	
REQUIRED PROGRAM SF												75.00	

3

UNION CITY NEW GRADE 7-9 SCHOOL FIT OUT LIST

MAIN OFFICE WORK ROOM			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
FIRST OCCUPANT						*				1	15.00	15.00	
ADDITIONAL OCCUPANT/S						*				3	15.00	45.00	
FURNITURE AND EQUIPMENT													
TABLE - 36X36		TBL1		*			3.00	3.00	2.25	1	9.00	9.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.08	4	2.75	11.00	
REFRIGERATOR	P	REF1				*	2.67	2.42	6.00	1	6.39	6.39	
PHOTOCOPIER/PRINTER	P/D	COP2				*	1.92	4.27	3.00	1	8.20	8.20	
COUNTER W/ SINK, UPPER AND LOWER CABINETS	P	CWK1	*				2.08	7.67	2.83	1	15.95	15.95	PROVIDE POWER AT COUNTER HEIGHT
CUSTOM MILLWORK - MAIL SLOTS		CWK12	*				2.08	5.67	2.83	1	11.79	11.79	PROVIDE LOWER CABINETS
WALL AND CEILING MOUNTED EQUIPMENT													
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	2			
TACK BOARD		TKB4	*					4.00	4.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
TELEPHONE HANDSET	P/D	TEL2	*							1			
MICROWAVE OVEN	P	MWO1				*				1			
COFFEE MAKER	P	CM01				*				1			
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												122.33	
REQUIRED PROGRAM SF												150.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

PROJECT TITLE

DOE PROJECT # 5240-N10-16-1000

DRAWING TITLE
MAIN OFFICE RECEPTION
WORKROOM AND OFFICE SUPPLY
RECORDS AND TEST STORAGE
ROOM LAYOUT & FIT-OUT LIST

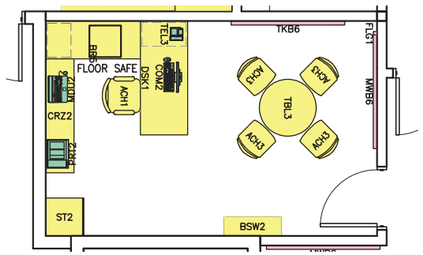
SCALE AS NOTED | DRAWN BY | APPROVED BY

NJSDA PROJECT # 5240-N10-16-0AEN

DATE JULY 06, 2021

DRAWING # (A1-101) E-29

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	9/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM



1 PRINCIPAL'S OFFICE

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

UNION CITY NEWGRADE 7-9 SCHOOL FIT OUT LIST

PRINCIPAL'S OFFICE			PROVIDED BY				SIZE						TOTAL ROOMS = 1
				SDA									
DESCRIPTION	POWER/ DATA	FURN CODE	DB/GC	SDA FFE	SDA TECH	DIST	D	W	H	QTY	UNIT SF	TOTAL SF	REMARKS
OCCUPANTS													
FIRST OCCUPANT						*				1	15.00	15.00	
ADDITIONAL OCCUPANT/S						*				4	15.00	60.00	
FURNITURE AND EQUIPMENT													
ADMINISTRATIVE DESK-30X72		DSK1		*			2.50	6.00	2.50	1	15.00	15.00	
BRIDGE RETURN		BR5		*			2.00	5.00	2.50	1	10.00	10.00	WITH PEDESTAL FILE CAB
TABLE - 36" DIAMETER		TBL3		*			3.00	3.00	2.25	1	7.07	7.07	
ADMINISTRATIVE CHAIR		ACH1		*			2.00	2.00	1.50	1	4.00	4.00	
ADMINISTRATIVE CHAIR		ACH3		*			1.73	1.59	1.50	4	2.75	11.00	
CREDENZA		CRZ2		*			1.5	6.00	2.5	1	9.00	9.00	
WOOD BOOKSTACK SHELVING		BSW2		*			1.00	3.00	4.00	1	3.00	3.00	
STORAGE CABINET 2X2		ST2		*			2.00	2.00	6.00	1	4.00	4.00	
WALL AND CEILING MOUNTED EQUIPMENT													
MAGNETIC WHITE BOARD		MWB6	*					6.00	4.00	1			
TACK BOARD		TKB6	*					6.00	4.00	1			
CLOCK SYSTEM	P/D	CLK1	*							1			
INTERCOM SYSTEM	P/D	ITC1	*							1			
FLAG HOLDER		FLG1	*							1			
FURNITURE AND EQUIPMENT (no floor impact)													
ADMINISTRATIVE COMPUTER	P/D	COM2			*					1			
ADMINISTRATIVE MOBILE DEVICE	P/D	MDU2			*					1			
ADMINISTRATIVE PRINTER	P/D	PRT2			*					1			
ADMINISTRATIVE TELEPHONE HANDSET	P/D	TEL3	*							1			
SURFACE MOUNTED FLOOR SAFE			*							1			TO BE INSTALLED UNDER DESK RETURN
CALCULATED NET TOTAL SF (OCCUPANTS AND FF&E)												138.07	
REQUIRED PROGRAM SF												175.00	

NOTE: RESPECTIVE RESPONSIBILITIES OF SDA AND DISTRICT FOR PROVISION OF FF&E AND TECHNOLOGY FIT OUT STILL TO BE FINALIZED.

LEGEND: PROVIDED BY DB/GC | PROVIDED BY SDA FFE | PROVIDED BY SDA TECH | PROVIDED BY DISTRICT | PROVIDED BY DISTRICT TECH

STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

PROJECT TITLE
NEW GRADE 7-9 SCHOOL
FOR
UNION CITY SCHOOL DISTRICT
UNION CITY, NEW JERSEY

NJSDA PROJECT # 5240-N10-16-0AEN | DOE PROJECT # 5240-N10-16-1000

DRAWING TITLE
PRINCIPAL'S OFFICE
ROOM LAYOUT & FIT-OUT LIST

DATE JULY 06, 2021

DRAWING # (AI-101) E-30

SYMBOL	DATE	REVISIONS
1	7/30/21	DOE SCHEMATIC (FINAL SUBM.)
2	3/07/22	ADDENDUM 1
3	4/01/22	ADDENDUM

SCALE AS NOTED | DRAWN BY | APPROVED BY