

<Addendum>

Einhorn Yaffee Prescott
Architecture & Engineering PC
412 Broadway
PO Box 617
Albany, NY 12201-0617

Phone: 518.431.3300

Date: May 21, 2009

PROJECT #: NE-0067-B01

DESCRIPTION: Elliott Street School

RFP Addendum No. 3

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

General

3.01. DOE Submission Containing the following items (to be provided electronically under separate cover):

DOE Schematic Submission (Revised) - Book Containing;

- 1.0 Space Program (Rev. 5/4/09)
- 2.0 Educational Specification for Elliott Street ES (Rev. 5/4/09)
- 3.0 Furniture Plans – (1/8" = 1'-0" Scale) (Rev. 5/4/09)
- 4.0 NPS – Finishes Matrix

Drawings (Lg. Format - Attachments);

- G100 Title Sheet
- SP101 Concept Site Plan – Upper Level (Rev. 5/4/09)
- SP102 Concept Site Plan – Lower Level (Rev. 5/4/09)
- A100 Basement Floor Plan (Rev. 5/4/09)
- A101 First Floor Plan (Rev. 5/4/09)
- A102 Second Floor Plan (Rev. 5/4/09)
- A103 Third Floor Plan (Rev. 5/4/09)
- A200 Building Elevations (Rev. 5/4/09)
- A201 Building Elevations (Rev. 5/4/09)

A202	Building Elevations (Rev. 5/4/09)
A203	Building Elevations (Rev. 5/4/09)
A204	Building Section / Elevation (Rev. 5/4/09)

3.02. DOE Preliminary Project Report and Preliminary Eligible Cost Determination
(attached)

Volume 1

3.03. **ADD:** In Section 01220 – Project Meetings, insert the following language:

1.05 PUBLIC PRESENTATIONS: The Design-Builder will conduct a minimum of three (3) public presentations at times and locations to be determined by the Authority. Presentations will use electronic presentation means and will provide opportunities for public comment.

Volume 3

3.04. **CHANGE:** In Appendix 5.0/5.1, FINAL NPS Finishes Matrix 25Mar09, CHANGE Wall Finishes in Stairways, Corridors (except at Basement Level), Student Restrooms (Large and Individual), Faculty Restrooms, and Public/Family Restrooms to “Glazed CMU”.

NOTE: This change supersedes the information in the Finishes Matrix issued in the Addendum in Item 3.01 above.

3.05. **Responses to Previously Un-Answered Request(s) for Information (RFI):**

1.59. RFP Article 1.1 requires that “in order for this Request For Proposal to be complete, the Authority must receive formal approval of the Project from the Project School District, in accordance with NJAC 6A:26, and NJDOE preliminary approval of the schematic plans and all related documents prepared by the Bridging Architect for the Project, which preliminary approval shall include the NJDOE preliminary project report and the NJDOE’s calculation of preliminary eligible costs for the Project, in accordance with NJAC 6A:26.” It indicates that “these approvals are expected shortly” and if they are not received the date of the Technical Proposals will be adjusted accordingly. What is the present status of these documents and any other approval which could impact the NTP date?

Answer: The Department of Education’s Preliminary Project Report and Preliminary Eligible Cost Determination is **attached** to this Addendum No. 3

1.104. Is the LAN equipment part of contract or will it be purchased on state contract-then through E-rate filing?

Answer: LAN equipment (computers, printers, switchgear, hubs, routers, and other “loose” electronic components) is not part of this contract. Cabling for this equipment is part of this contract as called for in the Performance Specifications and elsewhere in the

Contract Documents and shall be compatible with the equipment listed in Appendix 3.0.

1.106. Is the telephone system part of this contract or will it be purchase under state contract by NPSD & E-rate filings?

Answer: The telephone system is part of this contract as called for in the Performance Specifications and elsewhere in the Contract Documents.

1.114. Will the security consoles be manned by security personnel or by SRO?

Answer: This matter should not be a consideration in the Design Builder's proposal.

1.145. For the "E" Rate application, will the DB be responsible for preparing and submitting the full E rate application, if it is not funded by the federal government because of budget constraints?

Answer: The Design-Builder is responsible for developing separate documents identifying, designing and specifying cabling and other documents eligible for E-Rate funding. The Authority will be responsible for E-Rate filing (if any) based on those documents.

1.164. Confirm quantity and exact locations that will require card access control?

Answer: See Performance Specifications Section D92.

Responses to Newly Received Requests for Information (RFI):

3.06. In your response to Volume 2, 1.44 you have directed that "the Authority will not consider in its evaluation process any deviation from the Bridging Architect's design elevations, details and proposed systems. . . ." We believe that the Geothermal System should be an exception. There really isn't a defined piping layout and we would like to know whether any deviations from the layout will be considered as part of the Technical Proposal and Price Proposal.

Answer: Subject to conformance with the Performance Specifications and other Contract Documents, layout of the geothermal system is the responsibility of the Design-Builder.

3.07. Answer 1.60 indicates "that the question of whether Design-Builder's compliance with subsequently-promulgated rules or code changes will be treated as a change order will involve a case-by-case analysis." This leaves the bidder's in an untenable situation. There cannot be any obligation to bidders after the bid price is submitted due to a change in existing law, statute, ordinance, code, executive order, rules and regulations applicable. There is no way that the price estimate could include a foreknowledge of these possible modifications which could become known after the fixed price has been set. Please review and modify.

Answer: The Authority stands by its prior response. The case-by-case analysis is intended to provide an equitable method of addressing potential changes in governing

standards. The winning Design Build team is not precluded from submitting Contract Change Requests relating to subsequent changes in governing standards, but the validity of any claim for additional compensation, whether from an increase to the GMP or a use of the GMP reserve, as a result of a potential change in governing standards, will be reviewed and addressed on the merits, in light of the significance of the change in standards, and the effect of the change on the scope of the Design Builder's Services and/or Work.

3.08. Answer 1.67 indicates that "draft Remedial Action Work Plan has been included effective April 24, 2009." Again, as in the question above, any changes to the Remedial Action Work Plan after the bid prices have been set should be considered as a change order. Please confirm.

Answer: Any elements of the final approved Remedial Action Work Plan that differ from the draft Remedial Action Work Plan provided with Addendum No. 2, and that legitimately result in demonstrable, increased costs to the Design Builder, may constitute grounds for a Change Order that provides additional compensation to the Design Builder through use of the GMP Reserve. Again, as in the response above, whether a potential change in the Remedial Action Work Plan upon approval by NJDEP will result in increased compensation to the Design Builder depends upon the significance of the change, and the effect of the change on the Design Builder's Services and/or Work.

3.09. Answer 1.69; again, your answer indicates that "An existing conditions report will be prepared upon completion of the earthwork, which is expected to be complete in September 2009." How could the bidders price any changes if the "existing conditions report" is different from the information provided now? Again, this should be handled as a change order.

Answer: See responses to 3.07 and 3.08, above.

3.10. Answer 1.71 Savings - To be clear we interpret your answer to be understood in the following way.

- a. There will be a savings calculation with regard to the cost of work. 75% to Owner – 25% to the Design Builder.

Answer: Correct. However, a reduction in the scope of the Work (such as deletion of an element of the Project, or a reduction in square footage), will not be considered a "Savings" to be shared with the Design-Builder, but rather will result in a reduction of the GMP, with the value of the reduction retained entirely by the Authority.

- b. There will be no savings calculation with regard to the contractor's fee.

Answer: Correct.

- c. There will be a savings calculation with regard to the reserve amount. 75% to Owner – 25% to the Design Builder.

Answer: Correct.

Please confirm our understanding.

Answer: See above responses to individual subparts.

3.11. Even though Addendum #2 has changed the Substantial Completion Date to May 1, 2012 the existing Technical Proposal rules – Item 3 “Schedule” (a) indicates that we are to provide a detailed bar chart schedule that maintains (or improves upon) the final completion or occupancy dates that are in this RFP.

Do you intend for the contractors to propose improvements of the May 1, 2012 date in the Technical Proposal and, if so, do you want the pricing to be based upon such an improvement?

Answer: The Design-Builder’s price proposal should be based on the May 1, 2012 delivery date. Any earlier delivery date is at the Design-Builder’s option.

3.12. With regard to the CD that was identified as “May 1, 2009 reference documents” we do not seem to be able to correspond the bullet headings of paragraph 2.02, Addendum #2, to the information on the CD. Will you please identify whether all this information is in fact on this one CD.

Answer: These items, with exception of certain environmental testing protocol instructions (see Item 3.13 below) are included on the CD previously provided. For further information, see Item 3.18 below. If the CD is unreadable, materials will be available for review by appointment at the office of the New Jersey Schools Development Authority, 375 McCarter Highway, Newark NJ 07114.

3.13. With regard to CD identified as “May 1, 2009 reference documents” we find that in the Draft Remedial Action Plan (April 2009) the “Attachments” identified in the Table of Contents (Attachment #2 through Attachment #15) are blank on the CD. Also, where are the documents entitled VOLUMES which are listed in the Table of Contents?

Answer: See Item 3.12 above. The “Attachments” numbered #2 through #15 constitute sampling and testing protocols for the environmental testing laboratory utilized in preparing the RAWP submission. Such protocols are required by NJDEP to be included in the RAWP submission, but do not relate to the work to be done by the Design Build teams. The "VOLUMES" referred to in the second part of the question are the Volumes that contain the aforementioned Attachments #2 through #15. The documents mentioned above are available for review by appointment at the office of the New Jersey Schools Development Authority, 375 McCarter Highway, Newark NJ 07114.

3.14. What is to be done if the reserve amount is exceeded?

Answer: If the reserve amount is exceeded due to unknown conditions or unforeseen events that require additional Services or Work beyond the Design-Builder’s original Scope of Work and Services, then the Authority will make application to its Board for

approval of an increase in the Reserve equivalent to the costs of the Services or Work relating to the unknown conditions or unforeseen events. Once the initial reserve amount is depleted, any additional infusions of funds into the GMP Reserve will not be subject to a shared savings between the Authority and the Design-Builder.

3.15. Reference 15.7 (page 75) why is it that the Design Builder waives all rights of subrogation against the Authority, Bridging Architect, subcontracts, etc., but the authority, subcontractors don't mutually waive subrogation against the design builder. Wrap-up (OCIP) policies always have mutually waived subrogation. That's one of the features of wrap-ups. Please respond.

Answer: This waiver language is consistent with the Authority's existing OCIP policy. No change is contemplated.

3.16. Reference 16.12.1 (p. 110) "until substantial completion, the Design builder shall bear the risk of loss or damage to the permanent construction, etc." Wouldn't the Design Build be covered under the Builders' Risk policy? There would also have to be a waiver of subrogation by all parties covered under the Builders' Risk. . . yes or no? Please respond.

Answer: See response to 3.15, above.

3.17. Answer 1.139 and 1.149 - We assume that any change later found in the site that differs from this RFP status will be treated so as a change order.

Answer: See responses to 3.07 and 3.08, above.

3.18. The Geotechnical Report provided indicates new footings rest on undisturbed natural soils. While there are no boring locations within the footprint of the razed structure we would like to confirm the limits of the excavation (required for demolition work). Has there been an overage in removals within the footprint of the demolished building? If so, to what elevation(s) has the demolition been extended?

Answer: The overage from within the footprint of the structure has not been quantified, although it is estimated that after all demolition activities on the site are complete, the amount of overburden soils on site will be approximately 6000 cubic yards (see further description below). Further, the DB Bidders are informed that a Soil Conservation Permit has been taken out for the project and it will be the responsibility of the successful DB entity to close out such permit upon completion of the project. Within the existing building footprint, the Design-Builder should base its bid on finding native soil at an elevation ten (10) feet below the nearest sidewalk elevation. At all other locations on the Site, the Design-Builder should base its bid on finding native soil at an elevation five (5) feet below the nearest sidewalk elevation.

The original school property is being excavated to a minimum depth of 5' below sidewalk grade across the entire site, with the exception of the school footprint area (see previously supplied boundary survey for school building location), where depth of excavation is an average of 10' below street grade due to the building foundation

removal. The excavated areas will have been compacted utilizing onsite soils, imported DGA stone, and/or a mixture of onsite soils and crushed concrete. The excavated areas will be compacted and completed in 12 inch lifts to a minimum 95% modified proctor value. The onsite fill utilized for backfill consists of indigenous soils along with historical fill materials noted beneath the former school building during the demolition operation. A series of soil samples has been taken around the former school building to properly identify the historic fill materials. The sampling operation and laboratory analytical test results are presented in the previously supplied draft RAWP.

Residential properties (Phase I) - During demolition of the residential houses, all underground and above ground storage tank were removed in accordance with the NJDEP BUST regulations. The tank excavations were backfilled and compacted with imported approved DGA stone and or onsite excavated soils. Since the sidewalk elevations were lower than the former basements, no backfilling was required around the residential basement areas.

Following completion of the backfilling and grading operation of the School District owned property and Phase I residential properties, overburden fill materials have been left on site for the demolition contractor of the Phase II Residential properties to utilize as backfill material. After Phase II residential demolition, it is estimated that 6,000 cubic yards of material will remain for the Design-Builder to use as backfill material.

A deed notice will be created for the entire property consisting of The School District Property, Phase I Residential Properties & Phase II Residential Properties, listing the historical fill that will remain on the site. It is anticipated that the overburden soil may be utilized for the new school building construction. Any overburden materials not needed for the new school construction must be disposed of by the Design-Builder in accordance with NJDEP soil cleanup criteria.

Residential properties (Phase II) - It is anticipated that during this phase of demolition, all building foundations and underground storage tanks will be removed and disposed of in accordance with NJDEP rules and regulation. All excavated areas, basements and/or tanks will be backfilled and compacted with on site overburden soil or clean imported fill. This phase will run through September 2009.

3.19. RFP paragraph 1.3 indicates with a NOTE that each bidder must identify the firms in both the Technical and Price Proposals that have the required DPMC Specialty Trades. We understand your addendum answer 1.49 to instruct us that the named subcontractors must be identified in the RFP response only not in the Technical Proposal.

Answer: The reply to RFI 1.49 is consistent with the RFP in that both the Technical Proposal and the Price Proposal form the RFP response. Accordingly, the required specialty trade subcontractors must be named in both the Technical Proposal and the Price Proposal.

3.20. Also note, RFP paragraph 1.6 the identical NOTE applies to the consultants/sub-consultants requirements. Again, we understand that this requirement is applicable to the RFP only in accordance Addendum #1 answer 1.49.

Answer: See Response to Item 3.19 above.

3.21. The RFP also indicates that the SBE forms A, B, and C are to be “completed upon the execution of the design-build agreement,” however, the instructions regarding the Technical Proposal - Item 6 seems to indicate that Attachment C only should be submitted with the Technical Proposal. Is this correct? See below.

The answer to question 1.65 however reads “Provide with Technical Proposals with percentages and dollar values identified as TBD. Percentages and dollar values will be completed with NOA.” It is still unclear what forms are to be “provided with the Technical Proposal”. Our present understanding is that we are to list on Form A a “selection” of multiple SBE participants by trade totaling the overall percentage commitment by the bidder, and then later, provide Forms A, B, and C based upon the actual bids – after the award.

It is important that these questions be answered quickly since there is little time before the Technical Proposal is due.

Answer: Design Build Teams are required to submit forms A, B, and C with the Technical Proposal, but such forms need not include dollar values or percentages for identified subcontractors/sub-consultants. That information will be required after NOA.

3.22. A code review of the documents seems to indicate that there is an additional stair required off of the third floor of the classroom block. If this is true, this may require a major redesign and may require DOE and DCA input and approval. Please advise how we are to handle this with regard to the scheduling of the project and the preparation of the bid price since extensive relocations of architectural, structural, and MEP work may be required.

Answer: A bidder has raised the question that a 3rd egress stair may be required from the 3rd floor of the classroom wing to grade level. As noted previously and supported by the RFP Bid Documents, the documents provided by the bridging architect are conceptual in nature and final design of a code compliant building shall be the responsibility of the successful Design-Build Team.

Noting this particular concern, if a 3rd stair is required (this is to be determined by each DB Team), the conceptual design included in the bridging documents could be modified in the following manner - at Column Line 6, shift the 5 classrooms (on all 3 levels) on the north side of the corridor to the west (toward Summer Ave.) an appropriate distance to allow for an egress stair to be located immediately west of column line 6. Other solutions are likely possible and should be determined based on each bidder's analysis of the project requirements.

The technical and price proposals of each bidder shall reflect the cost and effort necessary to design a fully code compliant project. Ultimately, the final design by the DB Team shall address the necessary requirements in terms of in floor plans, building

elevations, structural systems, and other building systems as necessary to provide a fully code compliant design.

3.23. The following is based on the general plans, specifications and Request for Proprietary Specifications Authorization letter dated 4-16-09 (Addendum #1) from Newark Public Schools to Mr. James Poole.

Questions:

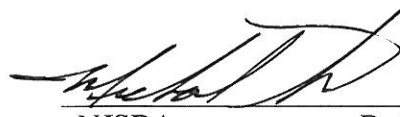
1. Regarding Letter dated 4-16-09 Security Section. This paragraph states that the cameras must be IP Addressable and then calls out for a DVR (Digital Video Recorder) with 2 TB of Storage. This statement is contradictory, as IP cameras utilize NVR solutions (Network Video Recorder). Please clarify if the system will be an IP system or standard analog system using DVR's for recording.
2. If the project requires an IP CCTV solution, what is the preferred manufacturer for the Network Video recorder and what are the storage requirements.
3. If the project requires an IP CCTV system, what is the preferred cable solution? Cat 5, 5e or Cat 6?
4. Will the contractor be responsible for installation of a private network for the IP CCTV system, or can the CCTV system utilize the School's LAN via a VPN?

Answer: Refer to Newark Public Schools – Network Standards (April 2009) document issued in Addendum No. 1 along with Volume 2 – Performance Specifications of the Design-Build Contract Documents for design intent. Specific, design-related issues will be addressed as part of the DB Team's design process in working with the SDA and NPS in developing the final design solution(s).

3.24. Electrical Energy Generation D51, Paragraph F.1 Standby Generator indicates the Fuel Supply as Natural Gas. Please confirm that the fuel supply should be Gas and not Diesel.

Answer: Confirmed.

End of Addendum No. 3

 5/21/09
NJSDA Date
PM Name

Acknowledgement of Receipt of Addendum

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via fax to (609-656-4608) or if via email attachment, then to jmcelhenny@njsda.gov . Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

Signature

Print Name

Company Name

Date



State of New Jersey

DEPARTMENT OF EDUCATION
PO Box 500
TRENTON, NJ 08625-0500

JON S. CORZINE
Governor

LUCILLE E. DAVY
Commissioner

May 19, 2009

Dr. Clifford B. Janey, State District Superintendent
Newark Public Schools
2 Cedar Street
Newark, NJ 07102-3091

Title: PRELIMINARY PROJECT REPORT

Elliott Street Elementary School

SP#3570-390-04-1000

(Replacement of the existing Elliott Street School)

**Newark Public School District,
Essex County**

Dear Dr. Janey:

By copy of this letter and pursuant to Section 5 of the Educational Facilities Construction and Financing Act, P.L. 2000, c.72 (the "Act") and implementing regulations, N.J.A.C 6A:26-3.5, the Department of Education-Office of School Facilities ("Department") is transmitting to the New Jersey Schools Development Authority ("Authority"), this Preliminary Project Report for the above-referenced school facilities project which has been approved by the Department (see copy of Approval Letter enclosed). The Act provides that upon receipt by the Authority of the Preliminary Project Report, the Authority shall prepare detailed plans and specifications, and make recommendations to the Department regarding whether or not the school facilities project can be completed within preliminary eligible costs:

1. Copy of Initial Project Approval letter (attached) dated **May 18, 2009**
2. Complete description of the school facilities project (attached)
3. Address of the school facilities project:
4. The total square footage of the school facilities project: **126,843 GSF.**
5. The total square footage by functional component:

Total Eligible: 89,800 GSF
Other Eligible: 24,957 GSF
Other: 12,086 GSF

6. The project priority ranking determined pursuant to N.J.S.A. 18A:7G-5(m): Tier II
7. Any other factors to be considered by the Authority in undertaking the school facilities project: N/A
8. The contact person for the school facilities project:

Mr. Corwin Frost, Facilities Consultant

Newark School District,

2 Cedar Street,

Newark, New Jersey 07102

973-733-6016.

Mr. Satish Desai, Director, Design and Construction

Newark School District,

2 Cedar Street

Newark, NJ 07102

Phone (973) 733-7221

9. Educational Specifications, if applicable (2 copies either enclosed or on file with the Authority)
10. Schematic Plans (2 copies either enclosed or on file with the Authority)

Attached to this transmittal are the following documents:

- Project Cost Estimate (DOE Form 130)
- Preliminary Eligible Cost ("PEC") calculation table
- Project Approval Letters
- Schematic Plans
- Educational Specifications

The PEC identified in this report is based, in the case of both rehabilitation costs and new construction costs, on an architect's line item cost estimate of the scope of work to be performed during the school facilities project. Through this transmittal, the Authority is to review the PEC and recommend to the Department, based upon development of final plans and specifications, whether the project can be completed within the PEC.

Pursuant to subparagraph 5(i) of the Act (N.J.S.A. 18A:7G-5(i)) and the Regulations, if the Authority determines that the project can be completed within the PEC, the Final Eligible Costs ("FEC") shall be deemed to equal the PEC. If the Authority determines that the project cannot be completed within the PEC the Authority shall consult with the district and the department to determine if changes can be made in the project which will result in a reduction in costs while still meeting the requirements of educational adequacy. In the event the Authority recommends to the department that the changes in the project are possible while meeting the requirements of educational adequacy, the FEC shall be calculated to equal the PEC. In the event the Authority determines that the project cannot be completed within the PEC and the authority recommends to the department that the PEC shall be increased, the department shall calculate the FEC to equal the PEC plus any increase recommended by the Authority.

(Replacement of the existing Elliott Street School
Newark Public School District,
Essex County
Preliminary Project Report

Please call Anthony Brun, your county manager with any questions regarding this matter at (609) 984-7818.

Sincerely,



Bernard E. Piaia, Jr.
Director, Office of the Chief of Staff
Office of School Facilities

BEP:FL:ab

Lucille E. Davy, Acting Commissioner
Willa Spicer, Deputy Commissioner
John Hart, Chief of Staff
Rochelle Hendricks, Assistant Commissioner, Division of District & School Improvement
Kathleen Forsyth, Director of Public Information
Katie Attwood, Assistant Commissioner, Division for Finance
Dr. Lawrence S. Feinsod, Acting Executive Essex County Superintendent
Frank LoDolce, Director, School Facilities, Office of the Chief of Staff
Susan Kutner, Director, Policy and Planning, School Facilities, Office of the Chief of Staff
Anthony Brun, Manager, School Facilities, Office of Chief of Staff
Ron Lee, NPS Business Administrator
Corwin Frost, Newark Public Schools, Facilities Consultant
Satish Desai, Newark Public Schools, Director, Design and Construction
Steve Morlino, Newark Public Schools, Executive Director, Facilities Maintenance
Regina Bleck, Schools Development Authority, VP Project Management
Andrew Yosha, Schools Development Authority, VP Program Management & Planning
David Hingston, Schools Development Authority, Director of Architecture and Engineering
Ritchard Sherman, Schools Development Authority
EYP, Architects



State of New Jersey

DEPARTMENT OF EDUCATION
PO Box 500
TRENTON, NJ 08625-0500

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Commissioner

May 19, 2009

Dr. Clifford B. Janey, State District Superintendent
Newark Public Schools
2 Cedar Street
Newark, NJ 07102-3091

Title: PRELIMINARY ELIGIBLE COST: (PEC) DETERMINATION OF A SCHOOL FACILITIES PROJECT FOR A DISTRICT NOT REQUIRED TO USE THE AUTHORITY TO UNDERTAKE THE PROJECT, PURSUANT TO N.J.S.A. 18A:7G-5 AND DETERMINATION OF PRELIMINARY ELIGIBLE COSTS PURSUANT TO N.J.S.A. 18A:7G-7.

THIS PROJECT IMPACTS EDUCATIONAL ADEQUACY AND IS SUBJECT TO DOE FINAL EDUCATIONAL ADEQUACY REVIEW.

**Elliott Street Elementary School SP#3570-390-04-1000
(Replacement of the existing Elliott Street School)
Newark Public School District,
Essex County**

Dear Dr. Janey:

Your District has submitted an application for a school facilities project pursuant to Section 5 of the Educational Facilities Construction and Financing Act, P.L. 2000, c.72 ("EFCFA" or the "Act") and the New Jersey Department of Education implementing regulations at N.J.A.C. 6A:26-1 et seq. ("Regulations"). Your District is an New Jersey Schools Development Authority district, has a district aid percentage of 55% or greater, or is a level II monitoring district, and is required to use the New Jersey Schools Development Authority (NJSDA), to construct its projects unless the NJSDA delegates the project to the district pursuant to Section 13(a) of the Act. The project application has been deemed complete by the New Jersey Department of Education-Office of School Facilities (the "Department") and the Department has made the following determinations, applicable whether the NJSDA constructs or delegates to the district, regarding the above referenced project.

I. Department determinations:

1. This school facilities project qualifies as a school facilities project eligible for State support under the Act.
2. This school facilities project is consistent with the District's approved long-range facilities plan ("LRFP") as approved or as amended as of **September 12, 2007**.
3. This school facilities project meets the educational adequacy requirements, if applicable.
4. This school facilities project is consistent with the District's applicable approved programmatic model contained in the District's approved LRFP, if any, or with the facilities efficiency standard ("FES") and the area allowances per FTE student, and does not exceed the model or the FES, as applicable, except for spaces for which the District is not seeking State support.
5. This school facilities project or a portion of this project qualifies as new construction because it is needed for unhoused students or another educational adequacy purpose*.
6. The priority ranking of the school facilities project is:
 - a. new construction [Tier II]
7. This school facilities project may be subject to the environmental assessment or environmental impact statement requirements of Executive Order 215.
8. This school facilities project is a new school, and therefore must incorporate the guidelines developed by the United States Green Building Council known as "Leadership in Energy & Environmental Design ("LEED"), Version 2."

Elliott Street Elementary School**SP#3570-390-04-1000**

(Replacement of the existing Elliott Street School)

Newark Public School District,

Essex County

Preliminary Eligible Cost**II. Description of the approved school facilities project**

The approved school facilities project consists of the following components:

- The approved school facilities project consists of the following components:
A new Pre-K-8th grade school on the same site as the old Elliott Street School, which has been removed.

Total GSF (per schematics) :**126,843 GSF****Total Eligible GSF {Unhoused students x Weighted Area allowance} 89,800 GSF****Other Eligible GSF for Educational Adequacy {per approved model} 24,957 GSF****Total GSF due to grossing factor above 1.40 12,086 GSF**

NOTE: The approval of the difference between the DOE allowable grossing factor of 1.4 and the actual proposed building grossing factor may be due to constructability issues, code compliance, etc., will be the responsibility of the NJSDA.

Building System	Eligible (X)	Ineligible (X)	Description
Land Acquisition	X		
Site Improvements	X		
Demolitions	X		
Hazardous Materials Abatement	X		
Foundations	X		
Superstructure	X		
Exterior Closure	X		
Interior Construction	X		
Vertical Movement	X		
Plumbing	X		
HVAC	X		
Sprinkler System	X		
Electrical Distribution	X		
Communications	X		
Fixed Furnishings	X		
Miscellaneous	X		
FF&E > 10 years of useful life	X		
Soft Costs	X		

Elliott Street Elementary School
 (Replacement of the existing Elliott Street School)
 Newark Public School District,
 Essex County
Preliminary Eligible Cost

SP#3570-390-04-1000

III. Preliminary eligible costs ("PEC") for the approved school facilities project:

The District's aid percentage as defined in Section 3 of the Act, N.J.S.A. 18A:7G-3 is **80.3106 %**. For a New Jersey Schools Development Authority district, the State share shall be 100% of the final eligible costs. For all other districts, the State share shall be an amount equal to 100% of the district aid percentage; except that the State share shall not be less than 40% of the final eligible costs.

Pursuant to N.J.S.A. 18A:7G-7, the following is the PEC for the approved school facilities project:

PRELIMINARY ELIGIBLE COST CALCULATIONS FOR NEW JERSEY SCHOOL DEVELOPMENT AUTHORITY SCHOOL DISTRICTS, SPECIAL NEEDS SCHOOL DISTRICTS, AND VOCATIONAL SCHOOL DISTRICTS

Preliminary Eligible Cost Calculation for SP#:		Name of District	
	GSF** (Proposed)	Cost*** (Estimated Actual)	
PRELIMINARY ELIGIBLE COST CALCULATION			
New Construction: Eligible Component	126,843 GSF	\$	64,447,136.15
Rehabilitation: Eligible Component	0 GSF	\$	0.00
TOTAL PRELIMINARY ELIGIBLE COST (PEC)		\$	64,447,136.15
INELIGIBLE COST CALCULATION (LOCAL SHARE)			
New Construction: Ineligible	0 GSF	\$	0.00
Rehabilitation: Ineligible	0 GSF	\$	0.00
TOTAL INELIGIBLE COST (LOCAL SHARE)		\$	0.00
TOTAL OF NEW CONSTRUCTION AND REHABILITATION			
TOTAL: New Construction	126,843 GSF	\$	64,447,136.15
TOTAL: Rehabilitation	0 GSF	\$	0.00
TOTAL PROJECT COST		\$	64,447,136.15

** The Cost estimate of the project stems from DOE Form 130, as provided by the architect.

*** The GSF of the project stems from the figures provided by the architect in the project application. Ineligible and Eligible components of the project are determined by the Department based on PL 2000, c. 72 and NJAC 6A:26.

Notes:

- The Cost estimate of the project stems from DOE Form 130, as provided by the architect.
- The GSF of the project stems from the figures provided by the architect in the project application. Ineligible and Eligible components of the project are determined by the Department based on PL 2000, c. 72 and NJAC 6A:26.
- In the case of a New Jersey Schools Development Authority district, the funding of ineligible excess costs through the New Jersey Schools Development Authority district annual budget, *referendum, etc.*, will require *approval* by the Department, Division of New Jersey Schools Development Authority Implementation.

IV. Actions to be taken

Pursuant to N.J.S.A. 18A:7G-5, school facilities projects in any district that is a New Jersey Schools Development Authority district, whose district aid percentage is 55% or greater or in a Level II monitoring district must be constructed and financed by the NJSDA, unless delegated by the NJSDA to the district pursuant to Section 13(a) of the Act. Also, any school facilities project in a district with failed referenda that is approved by the Commissioner of the Department pursuant to N.J.S.A. 18A:7G-12 must be constructed and financed by the NJSDA.

This letter has provided determinations with respect to the above referenced project, and PEC if the school facilities project has been approved. Please note that the above review is limited to the spaces in the approved programmatic model for the above-referenced school facilities project.

A. Actions to be taken by the district

1. District elected options: If the Department has determined that the school facilities project is inconsistent with the FES or the applicable programmatic model in the LRFP, within 30 days of the date of this letter, a person authorized by the district must notify the Department in writing, on ATTACHMENT "A", of its decision on the Department determination on such inconsistent space or spaces as follows: (1) district accepted and agreed to locally fund any excess design factors, (2) district would revise its school facilities project and resubmit for Department review, or (3) district would make a request for additional space eligible for State support.

PLEASE NOTE: If the Department does not receive notification, within 30 days of the date of this letter, by the district of its election on spaces inconsistent with the FES or programmatic model, the Department will be unable to advance the project, including calculating FEC for the project. If the district accepted and agreed to locally fund any excess design factors, please note that the cost determinations for such factors are preliminary only, and will be finalized at the time of the FEC recommendation by the NJSDA.

2. If the NJSDA delegates the school facilities project to be undertaken by the district, pursuant to Section 13(a) of the Act. The district is responsible for seeking review of the school facilities project for final educational adequacy and conformance with the Uniform Construction Code, if applicable. If the school facilities project **does not require** Final Educational Adequacy approval, the district is not required to make a final educational adequacy submission to the Department or pay the Department final educational adequacy review fees. The district may advance the project, including review for Uniform Construction Code ("UCC") compliance as required. If the district has submitted a release request form, with its project application, requesting municipal code enforcing agency review of plans for UCC conformance, the form will be forwarded to the New Jersey Department of Community Affairs with a copy of this letter for their action. If a release request form was not submitted with the project application the plans, by default, will be reviewed by DCA.

If the school facilities project **requires** final educational adequacy approval, the district needs to apply to the Department for such approval and submit the total review fees, in the amount as determined under N.J.A.C. 6A:26-5.5 prior to proceeding with review of final documents for Final Educational Adequacy.

B. Actions to be taken by the Department and the NJSDA

If the Department has approved the school facilities project, the approval will trigger the preparation by the Department of a preliminary project report, to include project and PEC information, which will be sent to the NJSDA. The NJSDA will develop the basis (generally, detailed plans and specifications) to recommend any adjustments to the PEC for the final eligible costs (FEC), so that the Department can then calculate FEC and issue a final project report with FEC and other cost information to the NJSDA. The State share of FEC of school facilities projects will be determined pursuant to N.J.S.A. 18A:7G-5 and the Regulations. For New Jersey Schools Development Authority districts, the State share of FEC of school facilities projects is 100%. Districts not eligible for 100% State share and New Jersey Schools Development Authority districts with projects with ineligible costs must obtain a local share before the NJSDA may proceed with the project. The NJSDA may also determine whether the school facilities project may be delegated to the district pursuant to N.J.S.A. 18A:7G-13a.

Please be advised that a district may not seek approval of the local share (e.g., school bonds, capital reserve, etc.) for the school facilities project until the Department has notified the district of the FEC for the project. Also, no school facilities project may be constructed unless, if there is a local share amount, such local share has received approval as set forth in N.J.A.C. 6A:26-3.7. The Act requires that the local share (if any) be **received** by the NJSDA (in the case of projects to be constructed by the NJSDA) or **secured** by the district (in the case of projects to be constructed by the district) prior to the commencement of construction or the funding of the State share, respectively.

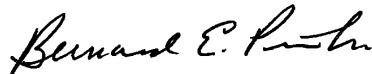
Elliott Street Elementary School

SP#3570-390-04-1000

(Replacement of the existing Elliott Street School)
Newark Public School District,
Essex County
Preliminary Eligible Cost

Please call Anthony Brun, your county manager with any questions regarding this matter at (609) 984-7818.

Sincerely,



Bernard E. Piaia, Jr.
Director, Office of the Chief of Staff
Office of School Facilities

BEP:FL:ab

Lucille E. Davy, Acting Commissioner
Willa Spicer, Deputy Commissioner
John Hart, Chief of Staff
Rochelle Hendricks, Assistant Commissioner, Division of District & School Improvement
Kathleen Forsyth, Director of Public Information
Katie Attwood, Assistant Commissioner, Division for Finance
Dr. Lawrence S. Feinsod, Acting Executive Essex County Superintendent
Frank LoDolce, Director, School Facilities, Office of the Chief of Staff
Susan Kutner, Director, Policy and Planning, School Facilities, Office of the Chief of Staff
Anthony Brun, Manager, School Facilities, Office of Chief of Staff
Ron Lee, NPS Business Administrator
Corwin Frost, Newark Public Schools, Facilities Consultant
Satish Desai, Newark Public Schools, Director, Design and Construction
Steve Morlino, Newark Public Schools, Executive Director, Facilities Maintenance
Regina Bleck, Schools Development Authority, VP Project Management
Andrew Yosha, Schools Development Authority, VP Program Management & Planning
David Hingston, Schools Development Authority, Director of Architecture and Engineering
Ritchard Sherman, Schools Development Authority
EYP, Architects

DOE Schematic Submission (*Revised*)

The Elliott Street School Newark, New Jersey Essex County

NJSDA Project Number: NE-0067-B01
State Project # **3570-390-04-1000**

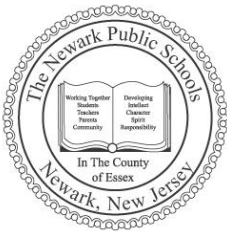
Prepared for:
The New Jersey School Development Authority
375 McCarter Highway
Newark, NJ 07114

and

Newark Public Schools
2 Cedar Street
Newark, NJ 07102

Prepared by:
Einhorn Yaffee Prescott A&E, P.C.
The Argus Building, 412 Broadway
PO Box 617
Albany, New York 12201-0617
EYP Project Number: 1007026.01

Submission Date
April 9, 2009
(**Rev. May 4, 2009**)



SDA

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DOE Submission – SPACE PROGRAM

1.0 Space Program

Newark Public Schools

Applicable School(s): Elliott Street School SLT IV East

Date Prepared: 1/14/2008 (Revision #8 - by EYP - 04May09 - Incorporated in Add. No. 3 of DB RFP Docs.)

Target Capacity: 632

		Capacity Calculations Newark Model			SF/ Room	Total District Requested NSF	Total DOE Approved NSF	Actual Room Sizes per EYP Plans 04May09	Program Spaces included in Bldg Gross	COMMENTS (add by revision in Bold)	DOE COMMENTS
		No. of Rooms	Stud'ts/ Room	Total Stud'ts							
		Capacity Calculations									
1.00	ELEMENTARY SCHOOL WING:										
	Pre-Kindergarten Classroom (4 yr olds)	3	15	45	950	2,850	2,850	2,865		includes 50 sq ft of storage. Locate on First Floor. (Incl. 18sf of Mech)	
1.01											
1.02	Toilet Room	3		0	50	150	150	150			
	Kindergarten Classroom	3	21	63	950	2,850	2,850	2,878		includes 50 sq ft of storage. Locate on First Floor. (Incl. 18sf of Mech)	
1.05											
1.06	Toilet Room	3		0	50	150	150	150			
	General Classroom, Grades 1-2	6	21	126	850	5,100	5,100	5,481		Grades PreK thru 2nd should be in separate area. (Incl. 18sf of Mech)	
1.07											
1.08	General Classrooms 3,	3	21	63	850	2,550	2,550	2,564		(Incl. 18sf of Mech)	
	General Classrooms Grade 4 and 5	6	23	138	800	4,800	4,800	5,036		Grades 3 thru 5 should form upper ES area. Use 800sf per room as noted by DOE. (1/24 Note - changes to sf's made in columns as required). (Incl. 18sf of Mech)	SF/room should be 800 SF not 850 SF
1.09											
	Self-Contained SE Classroom	3	12	36	750	2,250	2,250	2,402		Should be Equally Distributed. (Incl. 18sf of Mech)	
1.10											
1.11	Toilet Room	3			50	150	150	150			
	Science Demonstration Room	1			1,000	1,000	1,000	984		should have southern light. (Incl. 14sf of Mech)	
1.12											
1.13	Science Storage	1			200	200	200	200			
	Resource Center	4			400	1,600	1,600	1,516		Pair w/SGI and provide operable partition btwn.	
1.14											
	Small Group Instruction	4			400	1,600	1,600	1,460		Pair w/RC and provide operable partition btwn.	
1.15											
	Teacher's Workroom	2			250	500	500	710		needs adjoining toilet. - 50sf. One Each for PK-2 and 3-5. (see support space program below)	
1.16											
	Teacher's Workroom Toilet	2			50	100	0	0	101	Added 1/24 - Should be part of grossing factor	
1.16.1											
2.00	MIDDLE SCHOOL WING:										
	General Classroom Grades 6-8	9	23	207	800	7,200	7,200	7,240		(Incl. 18sf of Mech)	
2.01											
2.02	Self-Contained SE Classroom	2	12	24	750	1,500	1,500	1,518		(Incl. 18sf of Mech)	
2.03											
	Toilet Room	2			50	100	100	105			
2.04	Science Lab	2			1,200	2,400	2,400	2,404		should have southern light if possible	

		Capacity Calculations Newark Model			SF/ Room	Total District Requested NSF	Total DOE Approved NSF	Actual Room Sizes per EYP Plans 04May09	Program Spaces included in Bldg Gross	COMMENTS (add by revision in Bold)	DOE COMMENTS	
		No. of Rooms	Stud'ts/ Room	Total Stud'ts								
		Capacity Calculations										
2.05	Prep Room	1			200	200	200	201		should be located between the science rooms		
	Resource Center	2			300	600	600	677		Pair w/SGI and provide operable partition btwn. - if possible.		
2.07	Small Group Instruction	3			400	1,200	1,200	1,082		Pair w/RC and provide operable partition btwn. - if possible.		
2.08	Teacher's Workroom	1			250	250	250	236		needs adjoining toilet room. - 50sf. (see support space program below)		
2.09	Teacher's Workroom Toilet	1			50	50	0	0	54	Added 1/24 - Should be part of grossing factor		
2.09.1												
2.11	Vice-Principal Office	1			150	150	150	147		Moved from ES Wing (above).		
2.12	Guidance Office	1			175	175	175	178				
2.13	Conference Room	1			250	250	250	203				
3.00	OTHER INSTRUCTIONAL SPACES:											
	Art Studio	1			1,200	1,200	1,200	1,226		should have northern light/. In Middle School but near vertical circulation		
3.01	Art Storage	1			200	200	0	0	157	1/24 - moved from above	Should be in the grossing factor or as part of the 1200 SF	
3.02												
3.03	Auditorium	1			4,000	4,000	4,000	5,909		Combined		
3.04	Stage	1			1,500	1,500	1,500	0				
	Cafeteria (seating area)	1			3,696	3,696	3,696	3,696		Prefer separate chairs and tables. Tables can fold. Both round and rectangular. (1/24 - per discussion and per calculation - total sf changed to 3,696 sf)	Seating area should be sized to serve 3 lunch periods = 462/2 x 16 SF/person - (1/24 - note that this calculation equals a min. of 3,696 sf)	
3.05												
	Trays & Refuse container area	1			500	500	0	0	485	Part of Corridor ?? (1/24 - moved from above) (part of cafeteria gross)	Should be part of the grossing factor	
3.06	Servery	1			800	800	0	0	612	Part of Corridor ?? (1/24 - moved from above) (part of cafeteria gross)	Should be part of the grossing factor	
3.07												
3.08	Chair Storage Room	1			250	250	250	230				
3.09	After School Enrichment Storage	1			250	250	0	0	249	(1/24 - moved from above)	Should be part of the grossing	
	Full Kitchen	1			2,400	2,400	2,000	2,612		(1/24 - District maintains that kitchen should be programmed at same size as Ann St. - need resolution)	This school has less students than Ann Street therefore a smaller kitchen has been approved	
3.10												
	Instrumental Music	1			1,800	1,800	1,800	1,799		needs minimum of 14 ft ceiling height. Can be as low as 12 ft if necessary. Also - Room should be sub-dividable into 800sf and 1000sf w/very good quality acoustic moveable partition. Also, on first floor if possible.		
3.11												
3.12	Instrumental Music Storage Room	1			200	200	0	0	237	(1/24 - moved from above)	Should be part of the grossing	
3.14	Music Practice Rooms	2			100	200	200	210				
3.15	CAD/Computer Lab	1			1,200	1,200	1,200	1,166		Near grades 3-5.		
3.17	Career Exploration Lab	1			1,250	1,250	1,250	1,222		needs access by Middle School students		
	Career Exploration Lab Storage Room	1			200	200	0	0	222	(1/24 - moved from above)	Should be in the grossing pactor or as part of the 1250 SF	
3.18												

		Capacity Calculations Newark Model			SF/ Room	Total District Requested NSF	Total DOE Approved NSF	Actual Room Sizes per EYP Plans 04May09	Program Spaces included in Bldg Gross	COMMENTS (add by revision in Bold)	DOE COMMENTS
		No. of Rooms	Stud'ts/ Room	Total Stud'ts							
		Capacity Calculations									
3.19	Technology Lab	1			1,800	1,800	1,800	1,783		needs access by Middle School students	
3.21	Gymnasium	1			7,200	7,200	7,200	7,192			
3.22	PE Storage Room	2			250	500	500	535			
3.23	PE Office	1			300	300	300	211			
3.24	Locker W/ Toilet Rooms	2			800	1,600	1,600	1,458			
3.27	Health Demo Room	1			900	900	900	1,249		Near grades 6-8 or near gymnasium.	
	Media Center	1			4,000	4,000	4,000	3,458		To include a 900 SF computer room (see 3.33). Media Center should be near 'middle' of building for community use.	
3.28											
3.29	Office/Workroom	1			250	250	250	250			
3.30	Media Storage Room	1			300	300	300	301			
3.31	Tutoring Rooms	4			75	300	300	300			
3.33	Computer Lab	1			900	900	900	884		Part of Media Center	
	OT/PT (Speech Therapy)	1			800	800	800	773		Near 1st floor or near clinic if possible - some flexibility on location though.	
3.35	PE Development	1			1,300	1,300	1,300	1,338		Added per SDA Direction 23Mar09	
4.00	ADMINISTRATION / ANCILLARY:										
4.01	Main Office Reception	1			600	600	600	609			
4.02	Work Storage	1			300	300	200	169			
4.03	Principal's Office	1			200	200	200	200			
	Main Office Toilet Room	1			50	50	0	0	55	adjoins Main Office.	Should be part of the grossing factor
4.04											
4.05	Conference Room	1			300	300	300	300			
4.06	Security Office	1			125	125	100	96		Near Main Door / Entry.	
	Nurse	1			600	600	600	565		First floor location required. (Total SF shown for Suite)	
4.07											
	Community Service / Parent Liaison Office / Workroom	1			525	525	525	522		In Main Office - (1/24 - agreed at meeting to combine these spaces as one flexible space) (On Second Floor)	
4.09											
4.11	Drop-out Prevention	1			125	125	125	125		In MS with Guidance Suite 2.12	
4.12	Crisis Intervention	1			125	125	125	125		Flexible Location	
4.13	Child Study Reception	1			225	225	225	237		Flexible Location	
4.14	Child Study Testing/ Lockable Storage	1			130	130	130	116		required by Title VI legislation. Flexible Location	
4.15	Child Study Services	3			125	375	390	348		Flexible Location	
4.16	Social Worker	1			125	125	125	125		Flexible Location	
4.17	Technology Coordinator's Office	1			125	125	125	127		Near a computer lab or near media center	
	Faculty Dining	1			600	600	600	598		should have adjoining toilet room. 50sf. Also, location near cafeteria / kitchen.	
4.18	Faculty Dining Toilet	1			50	50	0	0	48	Added 1/24 - Should be part of grossing factor	
4.18.1											
	Program Facilitator's Office	1			125	125	125	127		Near VP Suite in MS Wing - Resource Teacher	
4.20											
5.00	CAPACITY BASED ON F.E.S. METHODOLOGY AND CLASS SIZE PRACTICES:										

		Capacity Calculations Newark Model			SF/ Room	Total District Requested NSF	Total DOE Approved NSF	Actual Room Sizes per EYP Plans 04May09	Program Spaces included in Bldg Gross	COMMENTS (add by revision in Bold)	DOE COMMENTS
		No. of Rooms	Stud'ts/ Room	Total Stud'ts							
		Capacity Calculations									
5.01	Total No. of Pre-Kind. Clrms.	3	15	45							
5.02	Total No. of Pre-Kind./3 yr olds/SE	0	12	0							
5.03	Total No. of Kindergarten Clrms.	3	21	63							
5.04	Total No. of Gen. Clrms., Gr. 1-3	9	21	189							
5.05	Total No. of Gen. Clrms., Gr. 4-5	6	23	138							
5.06	Total No. of Gen. Clrms., Gr. 6-8	9	23	207	Net Sq Ft	84,626	81,516	82,728		Actual based on 05/04/09 plans	
5.07	Total No. of Self-Contained SE Rms.	5	12	60	Gross up	1.45	1.40	1.53		Actual based on 05/04/09 plans	
5.08	Total No of Science Rooms	2	23	46	Gross Sq FT	122,708	114,122	126,843		Actual based on 05/04/09 plans	
5.09	MAX CAPACITY			748	Sq Ft/ Stud.(Max)	164	153	170		Efficiency Standard	
5.10	FUNCTIONAL CAPACITY (Max *0.90)			673	Sq Ft/ Stud. Functional	182	170	188			
6.00	CAPACITY BASED ON DISTRICT PRACTICES:										
6.01	Total No. of Pre-Kind. Clrms.	3	15	45							
6.02	Total No. of Pre-Kind./SE Clrms.	0	12	0							
6.03	Total No. of Kindergarten Clrms.	3	21	63							
6.04	Total No. of Gen. Clrms., Gr. 1-3	9	21	189							
6.05	Total No. of Gen. Clrms., Gr. 4-5	6	23	138							
6.06	Total No. of Gen. Clrms., Gr. 6-8	9	23	207	Net Sq Ft	84,626	81,516				
6.07	Total No. of Self-Contained SE Rms.	5	12	60	Gross up	1.45	1.40				
6.08	Total No of Science Rooms	2		0	Gross Sq FT	122,708	114,122			NPS does not use Science Labs to calculate capacity	
6.09	MAX CAPACITY			702	Sq Ft/ Student	175	163				
6.10	FUNCTIONAL CAPACITY (Max *0.90)			632	Sq Ft/ Student	194	181				
	Elliott School										
7.00	SUPPORT AREAS:										
7.10	CUSTODIAL:										
7.11	Custodial Office	1			100	100			87	Req'd. by Contract - Hd. Custodian plus 7 people.	
7.12	Workshop	1			250	250			369	Req'd. by Contract - Hd. Custodian plus 7 people.	
7.13	Custodial Break Room	1			250	250			249	Req'd. by Contract - Hd. Custodian plus 7 people.	
7.14	Toilet/Shower/Changing Rm; Women	1			200	200			200	Req'd. by Contract - Hd. Custodian plus 7 people. Add Lockers in changing room.	
7.15	Toilet/Shower/Changing Rm; Men	1			200	200			179	Req'd. by Contract - Hd. Custodian plus 7 people. Add Lockers in changing room.	
7.16	Receiving	1			300	300			384	Access to building must be directly thru a corridor and not thru another space.	
7.17	Central Storage	2			600	1200			1536	Central Storage at basement added per district request Mar09	

		Capacity Calculations Newark Model			SF/ Room	Total District Requested NSF	Total DOE Approved NSF	Actual Room Sizes per EYP Plans 04May09	Program Spaces included in Bldg Gross	COMMENTS (add by revision in Bold)	DOE COMMENTS
		No. of Rooms	Stud'ts/ Room	Total Stud'ts							
		Capacity Calculations									
7.18	Custodial Closets	6			60	360			235	Agreed on 6 (2 per floor) (total of 4 provided)	
7.19	Kithcen Office	1			100	100				needs to be adjoining kitchen (Incl . In Kitchen gross sf)	
7.20	Kitchen Staff Lockers	18			3	54				needs to be adjoining kitchen (Incl . In Kitchen gross sf)	
7.21	Kitchen Staff Toilets	2			50	100				needs to be adjoining kitchen (Incl . In Kitchen gross sf)	
7.20	STORAGE:										
7.21	Playground Equipment Storage	1			150	150			131	Exterior Access required.	
7.22	Main Office Vault	1			80	80			65	needs to be adjoining Main Office. Needs to be a Secure Room. Should this be in "Net"??	
7.23	Main Office Testing Storage	1			150	150			64	needs to be adjoining Main Office. Should this be in "Net"??	
7.24	CST Testing Storage	1			150	150			69	needs to be adjoining CST Area. Should this be in "Net"?? (located on 3rd flr.)	
7.25	Auditorium Storage/Dressing	1			500	500			188	needs to adjoin Auditorium Stage. Should this be in "Net"??	
7.26	Supply Storage Room	3			200	600			284	should be distributed throughout instructional areas. Should this be in "Net"?? (2 provided) (2 spaces - 2nd and 3rd floors)	
7.27	Book Storage Room	3			200	600			562	should be distributed throughout instructional areas. Should this be in "Net"??	
7.28	Equipment Storage Room	2			150	300					
7.29	Grounds Maintenance Equipemnt Storage Room	1			400	400			0	Exterior Access required - (Allow space in Covered Parking Deck/Area)	
7.31	Recycling and enclosed refuse area	1			250	250			253	Near Receiving area	
7.32	Control Center	2			100	200			255	1st and 2nd floors	
7.33	SUBTOTAL OF SUPPORT AREAS:										
8.00	Circulation,Toilets,Mechanical/Electrical:										
8.01	Electrical Distribution Closets									These spaces are all included in Gross-up Calculation	
8.02	Mechanical Equipment Room										
8.03	Elevators										
8.04	Hoistway									(1/24 - one elevator per 1/21 meeting)	
8.05	Entry Lobby										
8.06	Student Lockers MS										
8.07	Stairwells										
8.08	Student Toilets										
8.09	Faculty Toilets										
8.10	Family Bathroom	2							142	Added on 1st Floor after 2/11 meeting	
8.11	Boiler Mech Rm								1455		
8.12	Main Electrical Room								312		
8.13	Electrical Distribution Closets										
8.14	ATS Room										

		Capacity Calculations Newark Model			SF/ Room	Total District Requested NSF	Total DOE Approved NSF	Actual Room Sizes per EYP Plans 04May09	Program Spaces included in Bldg Gross	COMMENTS (add by revision in Bold)	DOE COMMENTS
		No. of Rooms	Stud'ts/ Room	Total Stud'ts							
		Capacity Calculations									
8.15	Generator Room								419		
8.16	Water Service Room									Part of Boiler / Mech Rm	
8.17	Fire Pump Room								155		
8.18	Telecommunications; MDF								155		
8.19	Telecommunications; IDF										
8.20	Fireman's Command/Control Station										
8.21	HVAC & Plumbing Shafts										
8.22	Buidling Structural Frame										
8.23	Partition Thickness										
8.24	Corridors										
9.00	TOTAL OF GROSS UP SPACES	Public Spaces and Circulation Totals are calculated by using a multipler of 1.45 of the Educational+Support Sq Ft									
EDUCATIONAL NET SQUARE FEET						84,626	81,516				
SUPPORT AREAS						6,494	6,134				
EDUCATIONAL+SUPPORT						91,120	87,650				
GROSS UP						1.45	1.4				
TOTAL GROSS SQUARE FEET						132,124	122,710				

DOE Submission – EDUCATIONAL SPECIFICATION

2.0 Educational Specification for Elliott Street ES

For the Proposed New

ELLIOTT STREET SCHOOL

Prepared for the
Newark Public Schools
2 Cedar Street, Newark, NJ 07102

Issued: March 25, 2009 (Rev 4.9.09) (Rev 5.4.2009)

Submitted per the requirements of
New Jersey Department of Education
Division of Facilities
New Jersey Schools Development Authority

Prepared by
Morris Boyd Associates
4 Kennedy Place, Sparta, NJ 07871
In association with
Einhorn, Yaffee, Prescott

Architecture and Engineering, 412 Broadway, Albany, NY 12207

APPROVALS

We, the undersigned, have reviewed the attached Elliott Street School Educational Specification and agree with all of the specified contents.

Representative, Newark Public School System

date

Representative, New Jersey Department of Education

date

Representative, New Jersey Schools Development Authority

date

Codes, Guidelines, and Standards

The following legislation and organizations have codes, guidelines or standards that affect school building specifications. Morris Boyd Associates has reviewed the pertinent documentation from each of these to ascertain which rulings could affect the Elliott Street School Educational Specifications. The organizations have been separated into three categories: National, State, and Local.

National	State	Local
<ul style="list-style-type: none"> ▪ U.S. Department of Education ▪ No Child Left Behind Act of 2001 (Public Law 107-110) ▪ Success For All Foundation ▪ National Science Teachers Association ▪ National Federation of State High School Associations ▪ American Library Association ▪ American with Disabilities Act of 1990 (Public Law 101-336) 	<ul style="list-style-type: none"> ▪ Abbott vs. Burke – NJ Supreme Court Decision (A-155-97) ▪ New Jersey Department of Education ▪ New Jersey Department of Human Services – Manual of Requirements for Child Care Centers –Chapter 122 ▪ New Jersey Economic Development Authority ▪ SDA- Design Manual'07 	<ul style="list-style-type: none"> ▪ Newark Teachers Association ▪ Newark School District PTA ▪ Elliott Street School ▪ Elliott Street School PTA

Educational Contents

- **Mission Statement** A philosophy statement covers the building as a whole and each instructional program.
- **Program Goals** The educational goals of each instructional program are clearly defined.
- **Functional Description** Well-defined program activities determine functional need and ultimately the design of a successful learning environment. Program activities, whether in the classroom, media center, or administrative area, determine the "function" of the learning environment
- **Student/ Capacity Population:** The projected enrollment of the entire building and the maximum capacity needed for each space are important in defining spatial requirements. Designers are required not to decrease the square footage room allotments of "Capacity Generating " instructional spaces, as this will result in a decrease in the targeted student capacity. These spaces are highlighted in both the Program/Model and these Educational Specifications.
- **Space Summary** Itemizing each functional space and determining square footage allocations is essential in determining total building square footage. See Requirements section.
- **Spatial Relationship** Each program space should be described in terms of its functional relationship to other activities. Spatial relationships are established between department, such as math and science, English and the media center, and administration and guidance.
- **Special Features** Each room type needs to be specified as a unique space with unique facilities' requirements.
- **General Conditions** In addition to the general program requirements identified above, the educational specification describes internal building requirements. In general, these conditions are outlined in the "Design Guidelines".

The Goals of the Elliott Street School Educational Specifications are:

- To define the programmatic, functional, spatial, and environmental requirements of the educational facility
- To develop an in-depth explanation of curriculum goals and instructional activities that occur within the learning environment, and
- To create a detailed description of the educational program.

THE NEWARK PUBLIC SCHOOLS DISTRICT

MISSION STATEMENT

The Newark Public Schools District's mission is to develop a productive citizen who is distinguished in all aspects of academic endeavors and willing to challenge the status quo in our society. We are committed to ensuring that our policies and practices will prepare our students for a world that is increasingly diverse and knowledge driven. We expect our schools and classroom environments to be emotionally safe and intellectually challenging. We pledge to partner with parents, groups, and organizations that add support to the mission by changing hearts and minds to value education.

- Dr. Clifford B. Janey, Superintendent

Newark Public Schools District, Essex County, New Jersey

ELLIOTT STREET SCHOOL PHILOSOPHY

The staff at Elliott Street School embraces the belief that all students can learn. Our goal is to provide all children, regardless of socioeconomic status, race, ethnic background or ability, the educational opportunity, which will prepare them to function socially, economically and politically in a democratic society; further, to prepare each child to live a worthwhile life and be a credit to his/her people and our nation as a whole.

Educators, in cooperation with parents, will assist pupils in acquiring the body of knowledge and skills necessary to meet the requirements of the Newark Public Schools and the State of New Jersey.

The uniqueness and ultimate worth of each individual is an essential ingredient of our program. Students and staff, alike, are encouraged to develop their abilities in a manner most conducive to the adaptation and adjustment to an ever-changing and demanding world. This task must be approached according to and be commensurate with each person's ability to assume responsibility.

Tradition is not to be accepted for the sake of tradition. Where tradition is still valuable, where it has been handed down from generation to generation due to its proven worth and effectiveness, it is to be preserved and cherished. Where it is no longer of significant worth, tradition should not be allowed to serve as an impediment to progress. Change, based on well-documented, well-structured arguments, will be accepted, as we strive to effectively serve the students in our charge.

GENERAL BUILDING REQUIREMENTS

Description of Installed Equipment

Please note, that all items listed under "*Installed Equipment*" (items are italicized and bulleted) should be included in construction cost estimates. Items listed under "Furnishings" are not part of the construction estimates.

Description of Construction Criteria

In general, please refer to the "Design Standards Guide" included in the Preliminary Phase Submission for Construction Criteria for this project. However, some room types do have specific criteria, which is included in the Educational Specifications, ex, Art Studio.

Description of Gross-Up Areas

All areas that are defined by the New Jersey Department of Education as part of the "net square footage of the building" have been individually described in these Educational Specifications. In addition, those "Gross-Up Areas" which need to be adjoining instructional areas have been included in the Educational Specifications. Ex: Art Storage. These areas should not be included in "Net Square Footage" calculations.

Description of Security System

Please note, that security and technology criteria have been included in this specification on a preliminary basis in order to develop overall spatial requirements. Refer to NPS Security Specifications Addendum.

Description of Technology Criteria

Please note, that security and technology criteria have been included in this specification on a preliminary basis in order to develop overall spatial requirements. The Smart Board criteria is currently a 55 inch plasma display with Smart Board overlay.

Description of Windows and Window Requirements

All window requirements should comply with Newark Public Schools standards

Description of Acoustic Considerations

Proper room acoustics is necessary to provide an ideal learning environment for students and a comfortable working environment for teachers and staff. To ensure proper room acoustics, school designs should meet the criteria below. Design goals for reverberation Times (T_{60}) are provided for each space. To meet the criteria (and approach the goal), the Architect shall select finish materials to provide the space-averaged Noise Reduction Coefficients (NRC) required by Table 1 below. NRC values of some common construction materials are given in Table 2, and should be used for the calculation unless another value can be supported by laboratory test data of the

selected material. The NRC values for ceiling tile and other materials that are not listed should be acquired from the product manager.

Table 1- Room Acoustics Criteria

Room Description	Minimum Space Averaged NRC	Design Goal T ₆₀ (seconds)
Classroom	0.23	0.5
Science Classroom	0.20	0.6
Art Classroom	0.20	0.8
Private Office	0.16	0.5
Computer Lab	0.20	0.6
Conference Lab	0.22	0.5
Teacher Work Room	0.18	0.5
Library	0.23	1.0
Cafeteria	0.15	1.5
Gymnasium	0.21	2.0
Auditorium	Note 1	
Music Room	Note 1	

Table 1 Notes

1. To provide proper acoustical characteristics for this room, the acoustical design goals should be established on a case-by-case basis by qualified personnel or acoustical consultants. The room, including its shape, volume, diffusive and absorptive treatments, should be selected to achieve the established goals.

Table 2: NRC values of some common materials

Material	NRC
Gypsum Board, painted	.05
CMU, coarse, unpainted and unsealed	.35
CMU, painted or sealed	.05
Brick, unglazed and unpainted	.05
Brick, unglazed, painted	.00
Classroom Marker or Chalk Board, wall mounted	.05
Metal roof deck, exposed	.05
Metal roof deck, acoustical deck (perforated with insulation fill)	.35
Concrete, sealed or painted	.00
Floor, wood	.10
Floor, Vinyl Composite Tile	.05
Carpet, 1/8" pile height	.15
Carpet, 1/4" pile height	.25
Carpet, 3/16" combined pile and foam	.25
Window	.10
Door	.05

SOUND ISOLATION CRITERIA

Most rooms in a school can be grouped into the following categories:

Type A: Classrooms, Library, Principal's Office, Counselor's Office, Health Office, and Science Classroom

Type B: Assistant Principal's Office, Teacher Workrooms, Conference Rooms, Auditorium Control room, Computer Lab

Type C: Stairways, Locker Rooms, Staff Restrooms, and Gymnasiums.

Type D: Music Room, Music Practice Room, Auditorium, Stage, and Student Restrooms.

Type E: Corridor

Type F: Mechanical Rooms, Electrical Rooms with transformers (25 KVA or larger), Vocational shops with power tools or other sources of loud noise

The airborne sound insulation requirements between each type of space are given in the matrix shown by Table 1 (with the exceptions give). The requirements are listed as Sound Transmission Class (STC) values. The selected walls or floor-ceiling assemblies should meet these requirements, based on their laboratory STC ratings, or ratings estimated by qualified personnel.

To ensure compliance, the partitions may be field tested per ASTM E336, Standard Test Method for Measurement of Airborne Insulation in Buildings. Sound insulation test results will be reported as a Field Sound Transmission Class (FSTC) value in accordance with ASTM E413, Classification for Rating Sound Insulation. The measured FSTC should be no more than 5 points below the STC rating (according to Table 1). For example, a wall separating two classrooms should have a laboratory STC rating of 40, or a minimum FSTC of 35.

Table 3

	A	B	C	D	E	F
A	40	45	45	55	40	Note 5
B		40	45	55 ^{Note 1}	40	Note 5
C			40	55	30	Note 5
D				60 ^{Notes 2,3}	45 ^{Note 4}	Note 5
E						Note 5
F						Note 5

Table 3 Notes

1. Sound isolation of the Control Booth from the Auditorium should be STC-40 or greater
2. Whenever practical, the following guidelines should be followed: Music Rooms should not be located directly adjacent to each other; and Music Practice Rooms should be located that they do not open directly into large Music Rooms.
3. Sound isolation between Restrooms should be STC-49 or greater.
4. Sound isolation between Restroom and a corridor should be STC-40 or greater
5. Separation of Type F rooms from the other occupied spaces should be analyzed on a case-by-case basis. Where practical, Type F rooms should be separated from occupied space with a buffer space (i.e., Storage rooms or other unoccupied space).

6. In any case the partition(s) separating the Type F room from the occupied room should be designed to reduce the intrusive noise into the occupied room to 5 decibels below the required mechanical Noise Criterion (NC) level at each octave-band frequency, for the occupied room. Refer to Division 15 for the applicable mechanical noise level criteria.

GENERAL REQUIREMENTS

Sound isolating gypsum board partitions should be installed and sealed per ASTM E497, Standard Practice for Installing Sound-Isolating Gypsum Board Partitions, and ASTM C919, Standard Practice for use of Sealants in Acoustical Applications.

Doors in sound isolating walls shall be solid-core wood or insulated metal doors. Where the wall must be rated for STC-40, the doors should be equipped with a perimeter smoke seal. Where the wall is rated for STC-45, the doors should be equipped with a perimeter smoke seal, an automatic door bottom, and threshold (if the floor is carpeted). For walls rated 55 or higher, the doors shall be an acoustically rated door assembly having an STC rating no less than 5 points below the wall rating.

Floor-ceiling assemblies *over* Classrooms, Conference Rooms, Offices, and Music Rooms should provide impact noise isolation equal to or greater than an Impact Insulation Class (IIC) of 50.

MECHANICAL SYSTEM NOISE CRITERIA

The mechanical system design shall include means and methods to reduce the mechanical noise levels in occupied spaces to the levels indicated in the construction criteria for each room type. The criteria are given as Noise Criteria (NC) ratings. These ratings must be maintained at any location within the room that may be occupied by a person as part of the normal use of a room.

To determine compliance with this specification, octave band noise levels will be measured (by the Owner) in an unoccupied space, with all mechanical systems operating, at locations that are 3 feet or more from the floor, ceiling, walls, or other solid surface. A type 1 or 2 sound level meter (according to ANSI S1.4-1983) will be used. NC ratings will be determined from the octave band noise levels.

Table 4 Mechanical Noise Criteria

Room Description	Maximum RC (N) & NC ¹ Rating
Auditorium	25
Stage	25
Auditorium Control Room	30
Music Room	30
Music Practice Room	30
Private Offices	35
General Classroom	35 ²
Science Classroom	35 ³
Computer Lab	35
Conference Room	35

Teacher Work Room	35
Open Plan Office Administrative Areas	40
Library	40
Cafeteria	45
Gymnasiums	40
Corridor	50
Stairway	50

Table 4 Notes

1. Refer to Chapter 7 of the 1997 ASHRAE Handbook – Fundamentals, for a description of NC curves
2. NC-35 is the maximum allowable noise level. A noise level of NC-30 is desirable. This noise level may be exceeded when the Science Classroom exhaust fan is on.

Educational Specifications Table of Contents

Room Types:

- 1. Pre- Kindergarten Classroom/storage (rev 5 4 09)**
 - 2. Pre- Kindergarten Toilet Room**
 - 3. Kindergarten Classroom/storage (rev 5 4 09)**
 - 4. Kindergarten Toilet Room**
 - 5. General Classroom, Grades 1 thru 3**
 - 6. General Classrooms, Grades, 4 thru 5**
 - 7. Self-Contained Special Education Classroom, Elementary**
 - 8. Special Education Toilet Room, Elementary**
 - 9. Science Demonstration Room/storage**
 - 10. Resource Room, Elementary (rev 4.9.09)**
 - 11. Small Group Instruction Room, Elementary (rev 4.9.09)**
 - 12. Teacher Workroom, Elementary**
-
- 13. General Classrooms, Grades 6 thru 8**
 - 14. Self-Contained Special Education Classroom, Middle School**
 - 15. Special Education Toilet Room, Middle School**
 - 16. Science Lab (rev 4. 9.09) (rev 5 4 09)**
 - 17. Science Lab Prep Room**
 - 18. Resource Room, Middle School (rev 4.9.09) (rev 5 4 09)**
 - 19. Small Group Instruction Room, Middle School (rev 4.9. 09)**
 - 20. Assistant Principal's Office, Middle School (rev 5 4 09)**
 - 21. Guidance Office, Middle School**
 - 22. Conference Room, Middle School (rev 4.9.09)**
 - 23. Teacher Workroom, Middle School**
-
-
- 24. Art Studio/storage (rev 5 4 09)**
 - 25. Auditorium**
 - 26. Stage (revised 5 4 09)**
 - 27. Cafeteria, Enrichment Program Storage (rev 5 4 09)**
 - 28. Chair Storage**
 - 29. Kitchen- Kitchen Office**
 - 30. Music Room/storage (rev 4.9.09) (rev 5 4 09)**
 - 31. Music Practice Rooms**
 - 32. CAD/ Graphics Computer Lab (rev 5 4 09)**
 - 33. Career Exploration/storage**
 - 34. Physical Education Development Center (revised 5 4 09)**
 - 35. Technology Lab (revised 5 4 09)**
 - 36. Omitted**
 - 37. Gymnasium**
 - 38. P.E. Storage**

- 39. Physical Education Office**
 - 40. Locker Rooms**
 - 41. Health Demo Room**
 - 42. Library- Tutoring Rooms (rev 4.9.09) (rev 5 4 09)**
 - 43. Library Workroom**
 - 44. Library/ Media Storage**
 - 45. Computer Lab (rev 4.9.09) (rev 5 4 09)**
 - 46. Occupational /Physical Therapy**
-

- 47. Faculty Dining/Staff Development (rev 5 4 09)**
 - 48. Main Office**
 - 49. Main Office Workroom**
 - 50. Principal's Office**
 - 51. Program Facilitator Workroom**
 - 52. Technology Office**
 - 53. Security**
 - 54. Conference Room**
 - 55. Nurse's Office Area/Toilet**
 - 56. Student Services**
 - 57. Social Worker**
 - 58. Child Study Team Offices- Storage**
 - 59. Parent Liaison Workroom**
 - 60. Crisis Intervention**
 - 61. Drop-out Prevention**
-

Physical Space

Type: **Pre-Kindergarten Classroom**

Number: 3

Estimated Square Feet: 2,700

Individual Room Square Feet: 900

NJ FES: 950/includes storage

Class size/Teachers/Staff: 15/1/1

Type of Construction: New

Capacity Generating Space

Description of Function

Instruction will be provided in these spaces in gross and fine motor skills, social skills, self-help, the alphabet, language arts, basic mathematics, science, social studies and art. There will be a range of instructional methods, which will include direct teaching to the whole group, small group instruction, gross motor activities, fine motor skills, and assisted computer instruction. There will also be emphasis on reading, story telling and literary skills.

Spatial Relationship

The room should be located close to shared core spaces such as art, music, Library etc. Pre-Kindergarten Rooms should be clustered together and close to exterior play area. If the building has multiple stories, Pre-Kindergarten Rooms should be on Ground Floor.

Special Features

There should be story telling area and/or area for floor learning where children have easy access to reading materials. This area should be flexible and also provide space for a naptime. Storage of children's belongings will occur in the wardrobe "cubbies". Storage should consider children's backpacks and coats. There should be flat top tables large enough for 4 students to sit at. The classroom should have space for a number of learning stations including: Literacy, Manipulatives, Arts & Crafts, Dramatic Play/Home Living, Math, Science, and Sand & Water. A learning station is an area where a group of materials can be housed together to allow for coordinated instruction and tactical display. The Sand & Water area should be in a different area than the computer area. The Sand & Water area should include a water table and a sand table that have lockable tops and are easily moveable. Counters in this room should be 24"H. The Chalkboard should also be hung 24" from the floor and should have a greater height to accommodate both children and adults.

Wet Area: to ensure flexibility in instructional methods a wet area is to be provided which includes: warm and cold water, with bubbler, sink with clay trap, min of 2 convenient (Ground Fault type) outlets in this area, work counter 3'x10' long with over an under storage cabinets, and seating and tables for 15 students. Hot water temperature should be controlled for safety.

Equipment & Furnishing Criteria

Installed Equipment

- *Minimum of 16 linear ft of a combination of Black Board and Marker Board. Height to meet needs of smaller children.*
- *A min of 10 feet of tack surface*

- *A wardrobe "cubby" unit to hold backpacks and coats. "Cubby Unit" should be 18 inches deep, 16 inches wide and 16 inches high on a per student basis. No more than three units should be stacked. Additional educational storage should be supplied above cubby units groupings to maximize efficiencies.*
- *Shelf Storage for a minimum of 300 books*
- *Tote tray casework for storage of manipulatives.*
- *Storage for blocks and toys easily accessible by children*
- *Storage for 15 bedrolls*
- *Kitchenette with microwave*
- *additional storage for equipment and books , min of .2 6 feet units*
- *Lockable wardrobe for storage of instructor's belongings*
- *Installed Smart Board*

Furnishings

15 chairs of 12" tall
 4 tables 24"D x 30"W x 20" H for student computer workstations
 1 table of 24"D x 30"W x 36"H for instructor computer workstation
 4 flat top tables of 24"D x 48"W x 20"H
 2 flat top tables with drawers for instructor and aide
 2 adult size chairs
 1 lateral file cabinet of 2 drawers each
 2 kidney shaped tables of approximately 30"D x 60"W x 20"H
 Rubber backed area rug for reading corner
 Floor cushions and beanbag chairs for reading corner
 Adult slider chair for reading corner
 Hideaway corner play area
 Sand Table with removable top and lockable wheels
 Water table with removable top and lockable wheels
 Full height safety glass mirror in play area

Architectural Plumbing

Sinks: Stainless steel sink with swivel gooseneck faucet in base cabinets
 Drink, Fountain: Bubbler at sink
 Gas hook ups: No requirements
 Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
 Telephone, fax, intercom, and PA system

Communications:

Computers: 2 teacher computer workstations and 4 student computer workstations
 Data Ports: 10
 Network: Hardwired, wireless, broadband internet
 Peripherals: Printer, access to copy machine and fax,

Pre-Kindergarten Storage Area: In addition, to the 900 sq ft allocated for instructional space there needs to be 50 sq ft of separate storage space, this space is allocated to "**Gross-Up**" calculation.

Physical SpaceType: **Toilet Room (Pre-K)**

Number: 3

Estimated Square Feet: 150

Individual Room Square Feet: 50

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

This area provides a dedicated toilet room to a Pre-Kindergarten Classroom.

Spatial Relationship

This room should be directly accessible from the Pre-Kindergarten classroom.

Special Features

The toilet room should have junior size toilets and sink. Bathroom should have a changing table and diaper pail.

Equipment & Furnishing Criteria**Installed Equipment**

- *Junior size toilets and sinks*
- *Change table*

Furnishings

Diaper pail.

Plumbing

Sinks: 1 sink
Drink, Fountain: bubbler on sink
Gas hook ups: No requirements
Floors/Drains: 1 floor drain

Physical SpaceType: **Kindergarten Classroom**

Number: 3

NJ FES: 950(not including toilet room)

Class size/Teachers/Staff: 21/1/1

Type of Construction: New

Individual Room Square Feet: 900

Capacity Generating Space**Description of Function**

Instruction in these spaces will be provided in gross and fine motor skills, social skills, self-help skills, beginning reading skills, language arts, basic mathematics, basic science, social studies, and art. Diverse instructional methods will be employed, including direct teaching to the entire class, small group instruction, gross motor activities, fine motor skills, and computer instruction. There will also be emphasis on reading, story telling and literary skills.

Spatial Relationship

This room should be located close to shared core spaces such as art, music, Library etc. Kindergartens should be clustered together and adjacent to exterior play area. If the building has multiple stories, the Kindergarten Rooms should be on the ground floor.

Storage Area: In addition, to the 900 sq ft allocated for instructional space there needs to be 50 sq ft of separate storage space, this space is allocated to "**Gross-Up**" calculation

Special Features

There should be story telling area and/or area for floor learning where children have easy access to reading materials. This area should be flexible and also provide space for a naptime. Storage of children's belongings will occur in the wardrobe "cubbies". Storage should consider children's backpacks and coats. There should be flat top tables large enough for 4 students to sit at. The classroom should have space for a number of learning stations including: Literacy, Manipulatives, Arts & Crafts, Dramatic Play/Home Living, Math, Science, and Sand & Water. A learning station is an area where a group of materials and furnishings are housed together to allow for coordinated instruction and tactical display. The Sand & Water area should be in a different area than the computer area. The Sand & Water area should include a water table and a sand table that have lockable tops and are easily moveable. If possible, classroom should have direct access to an outdoor play area. Additionally, the room should be wired for overhead projection and an interactive whiteboard. The counters in this room should be 24"H. The chalkboards should also be hung 24" from the floor and be of taller than standard height to accommodate both adults and children.

Wet Area: to ensure flexibility in instructional methods a wet area is to be provided which includes: hot and cold water, with bubbler, sink with clay trap, min of 2 convenient (Ground Fault type) outlets in this area, work counter 3'x10' long with over an under storage cabinets, and seating and tables for 21 students. Hot water temperature should be controlled for safety.

Equipment & Furnishing Criteria**Installed Equipment**

- *A minimum of 16 linear ft of a combination of Black Board and Marker Board. The height should meet the needs of smaller children.*
- *Installed Smart Board*
- *A min of 10 feet of tack surface*
- *A wardrobe "cubby" unit to hold backpacks and coats. "Cubby Unit" should be 18 inches deep, 16 inches wide and 16 inches high on a per student basis. No more than three units should be stacked. Additional educational storage should be supplied above cubby units groupings to maximize efficiencies.*
- *Shelf Storage for a minimum of 300 books*
- *Tote tray casework for storage of manipulatives.*
- *Storage for blocks and toys easily accessible by children*
- *A kitchenette with microwave*
- *As much additional storage for equipment and books as possible*
- *Lockable wardrobe for storage of instructor's belongings*

Furnishings

21 student chairs of 13"H
 6 flat top tables 24"D x 48"W x 20"H
 5 tables 24"D x 30"W x 20"H for computer workstations
 2 Teacher workstations: 1 L-shaped desk and chair, 1 flat-top worktable with chair
 1 lateral filing cabinet of 2 drawers
 2 kidney tables of approximately 30"D x 60"W x 20"H
 Rubber backed area rug for reading corner.
 Floor cushions and beanbag chairs for reading corner
 Adult slider chair for reading corner
 Corner hideaway play area
 Sand Table with removable top with lockable wheels
 Water table with removable top with lockable wheels
 Full height safety glass mirror in play area

Plumbing

Sinks: Stainless steel in base cabinet
 Drink, Fountain: Bubbler at sink
 Gas hook ups: No requirements
 Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
 Communications: Telephone, fax, intercom, and PA system
 Computers: 2 teacher computer workstations and 5 student computer workstations
 Data Ports: 10
 Network: Hardwired, wireless, broadband internet
 Peripherals: Printer, access to copy machine and fax.

Kindergarten Storage Area: In addition, to the 900 sq ft allocated for instructional space there needs to be 50 sq ft of separate storage space, this space is allocated to "**Gross-Up**" calculation.

Physical SpaceType: **Toilet Room (Kindergarten)**

NJ FES: N/A

Number: 3

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 150

Type of Construction: New

Individual Room Square Feet: 50

Description of Function

This room provides a dedicated toilet room to a Kindergarten Classroom.

Spatial Relationship

This area should be directly accessible from the Kindergarten classroom.

Special Features

The toilet room should contain junior size toilets and sinks

Equipment & Furnishing Criteria**Installed Equipment**

- *Junior size toilets and sinks*
- *Height of all fixtures should meet the needs of smaller children.*

Furnishings

None

Plumbing

Sinks: 1 sink
 Drink, Fountain: No requirements
 Gas hook ups: No requirements
 Floors/Drains: 1 floor drain

Technology

Cable: None
 Communications: None
 Computers: None
 Data Ports: None
 Network: None
 Peripherals: None

Physical Space

Type: General Classroom Grades 1-3

Number: 9

Estimated Square Feet: 10,200

Individual Room Square Feet: 850

NJ FES: 850

Class size/Teachers/Staff: 21/1/1

Type of Construction: New

Capacity Generating Space

Description of Function

Instruction in these spaces will include reading, language arts, mathematics, social studies, and science. Instruction will be provided in several ways, such as direct teaching to the whole class, small group instruction, small group and individual student-directed activities, "hands-on" activities, and through the use of technology.

Spatial Relationship

General Classrooms should be grouped together by grade level. Interspersed within each grade cluster should be Small Group Instruction Rooms and Special Education Classrooms.

Special Features

The classroom should be able to accommodate stations for Math, Science, Literacy and History. The station for literacy should be a literacy corner with bookshelves and soft seating. Storage of children belongings will occur in classroom spaces. Storage must consider use and storage of children backpacks and coats. There should be fixed counters for 5 computers and peripheral devices. Wet area with counters (27" high) and wall cabinets. Chalkboards should also be hung 27" from the floor and be of taller than standard height to accommodate both adults and children. There should be flat top tables large enough for 6 students to sit at. The room should be wired for overhead projection and interactive whiteboard. 1st Grade classroom should have a flat top worktable for the teacher's aide.

Equipment & Furnishing Criteria

Installed Equipment

- *Minimum of 16 linear ft of Black Boards and Marker Boards. The height should accommodate smaller children.*
- *Installed Smart Board*
- *Wardrobe units to house coats and backpacks. "Cubby Unit" should be 18 inches deep, 16 inches wide and 16 inches high on a per student basis three units should be stacked. Additional educational storage should be supplied above cubby unit groupings to maximize storage efficiencies. Shelving above cubby unit should have pull-out capabilities.*
- *Shelf storage for minimum of 300 books*
- *Min of 10 feet of tack surfaces.*
- *Tote tray casework to store manipulatives*
- *additional storage for equipment . Min of two, 6 feet high cabinets.*
- *Lockable Teacher Wardrobe*

Furnishings

21 chairs 15"H

Essex County
Newark

5 tables of 24"D x 30"W x 21"H for computer workstations

12 flat top tables 24"D x 48"W x 21"H

1 small flat top desk for teacher's aide (1st Grade only)

1 L-shaped desk with chair

1 kidney table of approximately 30"D x 60"W x 21"H for the literacy corner

Adult slider chair

Rubber backed area rug for reading corner.

1 lateral file cabinet of 2 drawers

Plumbing

Sinks: Stainless steel sink with swivel gooseneck faucet in base cabinet
Drink, Fountain: Bubbler at sink
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 5 student computer workstations
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **General Classroom Grades 4-5**

Number: 6

Estimated Square Feet: 4,800

Individual Room Square Feet: 800

NJ FES: 800

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Capacity Generating Space**Description of Function**

Instruction in these spaces will include reading, language arts, mathematics, social studies, and science. Instruction will be provided in several ways, such as direct teaching to the whole class, small group instruction, small group and individual student-directed activities, "hands-on" activities, and through the use of technology.

Spatial Relationship

General Classrooms should be grouped together by grade level. Interspersed within each grade cluster should be Small Group Instruction Rooms and Special Education Classrooms.

Special Features

The classroom should be able to accommodate stations for Math, Science, Literacy and History. The station for literacy should be a writing center with bookshelves and a small group table. The station for Math could be incorporated into the computer area. Storage of children belongings will occur in lockers directly outside the classroom. There should be fixed counters for 6 computers and peripheral devices. Wet area with counters (27"high) and wall cabinets. The chalkboard should be hung 32" from the floor. The room should be wired for overhead projection and interactive whiteboard.

Equipment & Furnishing Criteria**Installed Equipment**

- *Minimum of 16 linear ft of Black Boards and Marker Boards. The height should accommodate smaller children.*
- *Installed Smart Board*
- *"Cubby Unit" should be 18 inches deep, 16 inches wide and 16 inches high on a per student basis. No more than three units should be stacked. Additional educational storage should be supplied above cubby unit groupings to maximize efficiencies.*
- *Shelf storage for minimum of 200 books*
- *Bulletin Board and tack strips*
- *Tote tray casework for storage of manipulatives*
- *additional storage for equipment , min of 2 six feet high units*
- *Lockable wardrobe for teacher's belongings*

Furnishings

23 student chairs 16" H

23 flat-topped desks 22" H

6 tables of 24"D x 30"W x 22" H for computer workstations

1 L-shaped desk with chair

1 round table of 24" Diameter
1 lateral file cabinet

Plumbing

Sinks: Stainless steel sink with swivel gooseneck faucet in base cabinet
Drink, Fountain: Bubblers at sink
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 6 student computer workstations
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Self-Contained Special Ed. Classroom (Elem.)** NJ FES: 600

Number: 3

Class size/Teachers/Staff: 12/1/1

Estimated Square Feet: 2,250

Type of Construction: New

Individual Room Square Feet: 750

Capacity Generating Space**Description of Function**

Instruction will be provided to classified students in a self-contained classroom. Classification can be described as mentally, emotionally, physically, or socially impaired. Special facilities must be provided for these students. Large group instruction and demonstrations by the teacher will take place. Students will also engage in small group project work and individualized project work. Each student will have an individualized educational program developed to incorporate effective teaching strategies such as cooperative learning and tutoring.

Spatial Relationship

Special Education Classrooms should be evenly dispersed throughout the building and in close proximity to regular classrooms so as to avoid the possible stereotyping of classified students. Any counters should be 25" H. The chalkboard should be hung 24" from the floor and should be of taller than standard height to accommodate both adults and children. The room should have an adjoining toilet room.

Special Features

The Special Ed. Rooms should match the design of the regular academic classrooms with the addition of a lavatory within the classroom. A wide range of ages will need to be accommodated with appropriate desks, chairs and tables. A large quantity of shelving and filing space is necessary. A liberal amount of storage space is also need for materials, supplies, and individual projects.

Equipment & Furnishing Criteria**Installed Equipment**

- *A minimum of 16 linear ft of a combination of Black Board and White Board,*
- *Installed Smart Board*
- *A min of 10 feet of tack surface*
- *Wardrobe units to hold coats and backpacks, "Cubby Unit" should be 18 inches deep, 16 inches wide and 16 inches high on a per student basis. No more than three units should be stacked. Additional educational storage should be supplied above cubby units groupings to maximize efficiencies.*
- *Shelf storage for a minimum of 200 books*
- *1 Lockable wardrobe for instructor's belongings*

Furnishings

1 L-shaped desk and chair
1 small flat top table for teacher's aide
1 small portable magnetic blackboard
1 lateral file cabinet
12 student chairs 14"-16"H

12 student flat top desks with open view book rack 28"W x 20"-22"H
5 carrels for computer workstations of 24"D x 36"W x 22"H

1 kidney shaped group center of 48"D x 72"W x 22"H
Tote tray casework
Rubber backed rug
1 adult size slider chair

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 5 student computer workstations
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Toilet Room (Special Ed Classroom)**

NJ FES: N/A

Number: 5

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 250

Type of Construction: New

Individual Room Square Feet: 50

Description of Function

This area provides a dedicated toilet room to a Self-Contained Special Ed. Classroom.

Spatial Relationship

The room should be directly accessible from the Self –Contained Special Ed. classroom.

Special Features

The toilet room should contain junior size toilets and sinks. 1 toilet area should have a diaper changing area to accommodate pre-school children.

Equipment & Furnishing Criteria**Installed Equipment**

Junior size toilets and sinks

Height of all fixtures should accommodate size of smaller children.

Diaper changing table (1 room only)

Furnishings

None

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: None

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

See NPS Guidelines

Physical SpaceType: **Science Demo (Elementary)**

Number: 1

Estimated Square Feet: 1,000

Individual Room Square Feet: 1,000

NJ FES: 900

Class size/Teachers/Staff: 24/1/0

Type of Construction: New

Description of Function

Both lecture and laboratory instruction will take place in this space. Learning through lecture will include teacher lectures, cooperative learning, and utilization of technology. Students will develop problem solving and decision making skills and learn to integrate mathematics as a tool for problem solving. Students will receive basic instruction in a range of scientific areas including nature and process of technology, characteristics of life, chemistry, physics, earth science, astronomy and space science, and environmental science. Students will also develop an understanding of the relationship between science and society.

Spatial Relationship

This room should be in close proximity to the K-5 Grade General Classrooms.

Special Features

One sink at the teacher demonstration table, and three on the room's perimeter, the maximum amount of storage cabinets for equipment with adjustable shelves.. Provide a master electric switch. Provide a demonstration tableOne fixed teacher demonstration table equipped with hot and cold water, sink, electrical hook-up, and chemically resistant top and GFI outlets are needed. Keep some portion of wall open for display. Safety regulations should be clearly displayed. One workstation must be ADA compliant. Provide large windowsills of 6"-8" for plantings and other projects. The chalkboard should be hung 24" from the floor and be taller than standard height to accommodate both children and adults.

Equipment & Furnishing Criteria**Installed Equipment**

- *Fixed teacher demonstration table (resin table top) with sink*
- *black board /white board (min of 16'), min of 10 feet of tack surfaces*
- *Installed Smart Board*
- *Acid resistant counter tops. Counter min of 10 feet*
- *Fixed cabinets with a mixture of storage cabinets and drawers for equipment. Height of base cabinets should be 25"H.*
- *Lockable storage cabinets for equipment, min of 3 6 feet high units*
- *Shelving for 200 books*
- *6 computer workstations 24"D x 30"W x 16"H*
- *Safety devices for shower and eyewash, Safety Blanket*
- *Lockable teacher wardrobe*

Furnishings

24 chairs 16" H

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Einhorn Yaffee Prescott AE

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12 flat topped tables of 24"D x 48"W x 21"H with chemically resistant resin tops.
 Tall science storage cabinet
 Safety goggles cabinet
 Broken glass container
 1 lateral file cabinet for Materials Safety Data Sheets (MSDS)
 1 lateral *file cabinet of 2 drawers*

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: One lockable kit that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes with 1 fire extinguisher

Construction Criteria

Architectural

Unique Criteria Ledge at windows for plants, away from heat or Horticulture window treatment

Plumbing

Sinks: 1 stainless steel sink with swivel gooseneck faucets and blades the teacher demonstration table, and three sinks installed on side counter top, one ADA counter top sink.. All sinks should have acid dilution traps.
 Drink, Fountain: ADA accessible eye/face wash station, and one emergency shower
 Gas hook ups: None
 Floors/Drains: 1 drain at the emergency shower and eye/face wash station

Technology

Cable: NPS TECH SPECS
 Communications: Telephone, fax, intercom, and PA system
 Computers: 1 teacher computer workstation and 6 student computer workstations
 Data Ports: 12
 Network: Hardwired, wireless, broadband internet
 Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Science Storage Room (Elem)**

Number: 1

Estimated Square Feet: 200

Individual Room Square Feet: 200

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Included in Gross-Up**Description of Function**

The science room serves as the depository and storage area for all science related activities.

Spatial Relationship

The storage room must be located adjacent to the elementary Science Lab

Equipment & Furnishing Criteria**Installed Equipment**

- *Counter with built in sink and cabinets.*
- *Perimeter shelving with adjustable shelves*
- *1/2 of space should be base cabinets with acid resistant counters and one sink, with overhead cabinets above. Other half should be full height storage cabinets for equipment.*
- *A dishwasher with Stainless Steel Lining*
- *No metal cabinets or shelves.*
- *Min of 10 feet of tack surfaces*

Furnishings

- 1 small lockable refrigerator
- 1 cabinet for storage of flammable materials
- 1 cabinet for the storage of corrosive materials
- 2 lateral files for Material Safety Data Sheets (MSDS)
- 1 lockable cabinet for teacher's belongings
- 1 chair

Physical Space

Type: **Resource Center (Elementary)**
 Number: 4
 Estimated Square Feet: 1,600
 Individual Room Square Feet: 400*

NJ FES: N/A
 Class size/Teachers/Staff: 6/1/0
 Type of Construction: New

Description of Function

The Resource Room program provides instruction for mainstreamed classified students where they are exhibiting difficulty or have a learning disability. The Resource Room program is in place of a particular regular classroom program and is tailored to the student's individual education plan. The Resource Room will also be used for specialized pull-out programs such as Wilson Reading and Reading Recovery. The Wilson Reading Program teaches students the structure of words and the language through a carefully sequenced, 12 step program that helps students master decoding and spelling in English. Reading Recovery is an early intervention program to help low-achieving 6-year-olds learn to read. Instruction in these programs occurs through lecture, small group instruction and one-on-one teaching, but with greater emphasis on smaller groups and one-on-one instruction.

Spatial Relationship

These rooms should be evenly distributed throughout the building.

Special Features

* If this room type falls below 400 sq ft, it should be outfitted with 8 chairs and 2 kidney shaped tables, all other specifications stay the same as listed below under Furnishings.

The furnishings should take into account the age and size of children. 1 Resource Room should be outfitted to accommodate speech therapy. This can be accomplished with the addition of a large mirror with a curtain to cover it when not in use. Any counters should be 25"H. The chalkboard should be hung 24" from the floor and be taller than standard height to accommodate both adults and children.

Equipment & Furnishing Criteria

Installed Equipment

- *A minimum of 6 linear ft of Black Board/White Board*
- *A min of 10 feet of tack surface*
- *Shelf Storage for a minimum of 300 books*
- *additional storage for equipment and books, min of 2, six feet high units*
- *1 lockable wardrobe*

Furnishings

12 stackable student chairs 14-16" H
 1 portable magnetic black board
 2 tables for computer workstations of approx. 24"D x 30"W x 21"H
 1 L-shaped desk with chair
 1 lateral file cabinet
 1 book kiosk
 3 kidney tables of approximately 24"D x 48"W x 21"H
 1 VCR/TV Cart

1 Computer Cart

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 2 student computer workstations
equipped with headphones
Data Ports: 6
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Small Group Instruction Room (Elem)** NJ FES: N/A

Number: 4

Class size/Teachers/Staff: 12/1/0

Estimated Square Feet: 1,600

Type of Construction: New

Individual Room Square Feet: 400*

Description of Function

This area is for basic supplemental instruction in reading, language arts, and mathematics. There will be various methods of instruction such as teacher-directed instruction, small group instruction, “hands-on” whole and small group activities, and through the use of television, VCR and computers. The Small Group Instruction Room will also be used for the instruction of ESL and other instructional groups that can utilize small group teaching strategies.

Spatial Relationship

Evenly distributed throughout the building.

Special Features

* If the actual size of this space falls below 400 sq ft, equip with 10 chairs and 3 computer workstations, all other specifications remain the same.

Any counters should be 25”H. The Chalkboard should be hung 27” from the floor and should be of taller than standard height to accommodate both adults and children.

Equipment & Furnishing Criteria**Installed Equipment**

- *A minimum of 8 linear ft of Black Board, White Board*
- *A min of 10 feet of tack surface.*
- *Shelf Storage for a minimum of 200 books*
- *1 lockable wardrobe*

Furnishings

6 stackable student desks of 21”H

12 stackable chairs 14”-16”H

4 tables for computer workstations approx 24”D x 30”W x 21”H

1 L-shaped desk with chair

1 lateral file cabinet

1 kidney table of approximately 30”D x 60”W x 21”H

Plumbing

Sinks: No requirements

Drink, Fountain: No requirements

Gas hook ups: No requirements

Floors/Drains: No requirements

Technology

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Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 4 student computer workstations
equipped with headphones
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Elementary Teacher's Workroom**

NJ FES: N/A

Number: 2

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 250/500

Type of Construction: New

Individual Room Square Feet: 250/500

Description of Function

A teacher workroom is a prep area for general faculty and general staff. The space will be a place for the gathering of written materials and a depository of shared materials, laminator, large construction paper rolls, and general equipment for room display panels. Faculty Toilet Room should be directly accessible from Workroom.

Spatial Relationship

This area should be near the Elementary classrooms.

Special Features

Room A: One of the Elementary Teacher Workrooms needs to accommodate storage for professional staff personal belongings that do not have a home-base. This room will be approximately 500 sq ft and accommodate 15 extra-wide professional style lockers.

Room B: This room will be approximately 250 sq ft and will not have locker group but only coat closet.

Both rooms should provide general faculty toilet room in close proximity to the workroom. Provide some deeper counter area for the equipment such as a laminator and a paper cutter.

Equipment & Furnishing Criteria**Installed Equipment**

- *15 extra wide professional grade lockers covered with durable plastic laminate, 15 inches wide, 18 inches deep and 72 inches high, lockable (Room type A only)*
- *Base type cabinets with stainless steel sink*
- *Bulletin boards and cork strips, 10 feet min.*
- *8 lin ft of countertops for 4 computers workstations*
- *Bookcases for reference materials*
- *1 storage cabinet for supplies and equipment*
- *1 half-size refrigerator*
- *1 microwave oven*
- *min of 5 feet of tack surfaces*
- *1 lockable coat closet*

Furnishings

15 chairs

3 60" round worktables

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet tiles
Unique Criteria: None

Plumbing

Sinks: Stainless steel sink
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 4 computer workstations
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: 1 printer, 1 copy machine,

Physical SpaceType: **General Classroom Grades 6-8**

Number: 9

Estimated Square Feet: 7,200

Individual Room Square Feet: 800

NJ FES: 800

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Capacity Generating Space**Description of Function**

Instruction in these spaces will include reading, language arts, mathematics, social studies, and science. Instruction will be provided in several ways, such as direct teaching to the whole class, small group instruction, small group and individual student-directed activities, “hands-on” activities, and through the use of technology.

Spatial Relationship

General Classrooms should be grouped together by grade level. Interspersed within each grade cluster should be Small Group Instruction Rooms, Resource Rooms and Special Education Classrooms.

Special Features

Each classroom should be designed to accommodate four subject stations. The computer area can be used as a station for mathematics. Storage of children belongings will occur outside the classroom in hall lockers. This room should be wired for interactive whiteboard. Counters should be 32”-36”H. The chalkboards should be hung 32”-36” from the floor.

Equipment & Furnishing Criteria**Installed Equipment**

- *Minimum of 16 linear ft of a combination of Marker Board and Black Board*
- *Installed Smart Board*
- *A min of 10 feet of tack surface.*
- *Shelf storage for a minimum of 300 books*
- *Shelving and storage for equipment, min of two 6 feet high lockable storage cabinets.*
- *1 Lockable wardrobe for teacher’s belongings*

Furnishings

23 student desks of 25”-30”H

23 student chairs 18”H

5 tables for computer workstations of 24”D x 30”W x 30”H

1 L-shaped desk and chair

1 lateral file cabinet of 4 drawers

1 kidney shaped group center of 48”D x 72”W x 30”H

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria

Architectural

Plumbing

Sinks: Stainless steel with swivel gooseneck faucet in base cabinet
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 6 student computer workstations
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Self-Contained S.E. Classroom (Middle School)** NJ FES: 750

Number: 2

Class size/Teachers/Staff: 12/1/1

Estimated Square Feet: 1,500

Type of Construction: New

Individual Room Square Feet: 750

Capacity Generating Space**Description of Function**

Instruction will be provided to classified students in a self-contained classroom. Classification can be described as mentally, emotionally, physically, or socially impaired. Special facilities must be provided for these students. Large group instruction and demonstrations by the teacher will take place. Students will also engage in small group project work and individualized project work. Each student will have an individualized educational program developed to incorporate effective teaching strategies such as cooperative learning and tutoring.

Spatial Relationship

Special Ed. Classroom should be evenly dispersed throughout the building and in close proximity to regular classrooms so as to avoid the possible stereotyping of the classified students. The room should also be located adjacent to the toilet and wash facilities.

Special Features

The Special Ed. Rooms should match the design of the regular academic classrooms with the addition of a lavatory within the classroom. A large quantity of shelving and filing space is necessary. A liberal amount of storage space is also need for materials, supplies, and individual projects. Counters should be 32"-36"H. The Chalkboard should be hung 32"-36" from the floor.

Equipment & Furnishing Criteria**Installed Equipment**

- *A minimum of 16 linear ft of a combination of Black Board and White Board*
- *Installed Smart Board*
- *A min of 10 feet of tack surface.*
- *Wardrobe units to hold coats and backpacks, min of 12 units*
- *Shelf storage for a minimum of 200 books*
- *1 lockable wardrobe for teacher's belongings*

Furnishings

1 L-shaped desk and chair
 1 flat top work of 24"D x 36"-48"W x 36"H for aide
 1 adult size chair
 1 small portable magnetic blackboard
 1 lateral file cabinet
 12 student desks of 25"-30"H
 12 student chairs 18"H
 5 carrels for computer workstations approx 24"D x 36"W x 30"H
 1 kidney shaped group center of 48"D x 72"W x 22"H
 Tote tray casework

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural****Plumbing**

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 5 student computer workstations
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Toilet Room (SE Classroom – Middle School)** NJ FES: N/A

Number: 2

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 100

Type of Construction: New

Individual Room Square Feet: 50

Description of Function

This room provides a dedicated toilet room to a Self-Contained Special Ed. Classroom.

Spatial Relationship

These areas should be directly accessible from the Self-Contained Special Ed. classroom.

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

Toilet and Counter

Furnishings

None

**Electrical
Plumbing**

Sinks: 1 sink
 Drink, Fountain: 1 bubbler
 Gas hook ups: No requirements
 Floors/Drains: 1 floor drain

Technology

Cable: N/A
 Communications: N/A
 Computers: N/A
 Data Ports: N/A
 Network: N/A
 Peripherals: N/A

Physical SpaceType: **Science Lab (Grades 6-8)**

Number: 2

Estimated Square Feet: 2,400

Individual Room Square Feet: 1,200

NJ FES: 1,200

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Capacity Generating Space**Description of Function**

Both lecture and laboratory instruction will take place in this space. Learning through lecture will include teacher lectures, cooperative learning, and utilization of technology. Students will develop problem solving and decision making skills and learn to integrate mathematics as a tool for problem solving. Students will develop an understanding of the relationship between science and society. Students will also receive instruction in a range of scientific areas including nature and process of technology, characteristics of life, chemistry, physics, earth science, astronomy and space science, and environmental science.

Spatial Relationship

The lab should be an integral part of the 6,7,and 8th grade cluster. The two middle school Science Labs will share one Prep Room. Both rooms should be adjacent to the Prep Room.

Special Features

The design for the lab should utilize flexibility in the arrangement of tables to support both a laboratory setting as well as for lecturing and teacher demonstrations. There should be one sink at each lab stations, a sink at the teacher demo table, and 1 ADA sink. Lab tables and chairs can be arranged so that they can be used for either lab or lecture. There should be 12 lab tables that adjoin 4 trapezoid lab stations. Each station should be provided with electrical outlets, a sink, a data port, and a dark resin chemically resistant top. Each unit should have storage areas below for lab work and instruments. Provide the maximum amount of storage cabinets with adjustable shelves as design allows. Provide a master electric switch and shut-off valve. Provide one teacher demonstration table equipped with hot and cold water, sink, gas supply, electrical hook-up, overhead slanted mirror, and chemical resistant top. Safety regulations should be prominently displayed. One workstation, sink and eyewash/ emergency shower must be ADA compliant. The room should be wired for overhead projection and interactive whiteboard. If possible, provide windowsills of 6"-8" for plantings, habitats, etc. The counters should be 32"-36"H. The whiteboard/chalkboard should be hung 32"-36" from the floor.

Equipment & Furnishing Criteria**Installed Equipment**

- *4 quad sink stations (triple table service hub) that are equipped with electrical outlets, a data port, and dark resin chemically resistant tops, storage*
- *Acid resistant counter tops. min of 15 ft.*
- *Lockable teacher wardrobe*
- *Fixed base cabinets with a mixture of storage cabinets and drawers for equipment*
- *A min of 10 feet of whiteboard/chalkboard as design allows*
- *1 teacher demonstration table as described above.*
- *Installed Smart Board*
- *Safety devices for shower and eye wash, safety blanket*

- *Lockable teacher storage cabinet for equipment*
- *Lockable glass display cases. min of three*
- *Open shelving for equipment, min of 20 feet*
- *A min of 10 feet of tack space*
- *Shelving for 100 books*
- *Fire extinguisher*

Furnishings

12 utility tables with book compartments, acid resistant tops

Chairs of 18"H to accommodate 24 students. Ergonomic

1 lateral file cabinet

1 portable work station table with lockable wheels

Spill kit

Broken glass container

Safety goggle storage cabinet

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes and 1 fire extinguisher

Unique: Fume Hood

Construction Criteria

Architectural

Unique Criteria Ledge at windows for plants. Should be away from heat.

Plumbing

Sinks: 1 stainless steel sink with swivel gooseneck faucet and blade handles at each lab station, teacher demonstration table and two at side counter.
All sinks should have acid dilution traps.

Drink, Fountain: ADA emergency shower by door and eye/face wash

Gas hook ups: At teacher demo table

Floors/Drains: Common to emergency shower and eyewash

Technology

Cable: NPS TECH SPECS

Communications: Telephone, fax, intercom, and PA system

Computers: 1 teacher computer workstation and 6 student computer workstations equipped with web cams

Data Ports: 7 and 1 data port at each lab station

Network: Hardwired, wireless, broadband internet

Peripherals: Printer, access to copy machine and fax

Physical SpaceType: **Science Prep Room**

Number: 1

Estimated Square Feet: 200

Individual Room Square Feet: 200

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

The science prep room serves as the depository and storage area for all science related activities. It shall be a secure area for the storage of flammable materials. It shall also serve as a station for instructors to prepare materials for student use and distribution. It is to serve as a workspace for science faculty.

Spatial Relationship

Must be located adjacent to both science labs.

Special Features

Teacher should be able to supervise lab area from prep room. Sliding glass window between lab and prep room.

Equipment & Furnishing Criteria**Installed Equipment**

- *Counter with built in sink and cabinets.*
- *Counter work area for instructor*
- *Perimeter shelving with adjustable shelves for equipment*
- *1/2 of space should be base cabinets with acid resistant counters and one sink, with overhead cabinets above. Other half should be full height storage cabinets.*
- *A dishwasher with Stainless Steel Lining*
- *No metal cabinets or shelves.*

Furnishings

1 teacher desk

1 lockable refrigerator

1 cabinet for storage of flammable materials

1 cabinet for the storage of corrosive materials

1 lateral file for Material Safety Data Sheets (MSDS)

1 lateral file

1 chair

As much additional storage as can be provided for equipment and books

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Unique Criteria Glass panel in wall to allow for supervision of lab from prep room.

Plumbing

Sinks: 1 stainless steel sink in counter
Drink, Fountain: Emergency shower
Gas hook ups: 1
Floors/Drains: 1 common to emergency shower

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: Printer, access to copy machine and fax.

Physical SpaceType: **Resource Center (Grades 6-8)**

Number: 2

Estimated Square Feet: 800

Individual Room Square Feet: 400*

NJ FES: N/A

Class size/Teachers/Staff: 6/1/0

Type of Construction: New

Description of Function

The Resource Room program provides instruction for mainstreamed classified students where they are exhibiting difficulty or have a learning disability. The Resource Room program is in place of a particular regular classroom program and is tailored to the student's individual education plan. The Resource Room will also be used for specialized pull-out programs such as Basic Skills, Wilson Reading and Reading Recovery. Instruction in these programs occurs through lecture, small group instruction and one-on-one teaching, but with greater emphasis on smaller groups and one-on-one instruction.

Spatial Relationship

These rooms should be evenly distributed throughout the building.

Special Features

* If the actual size of this room falls below 400 sq ft, the kidney shaped table can be removed from furnishings, all other specifications should remain the same.

Any counters should 32"-36"H. The chalkboard should be hung 32"-36" from the floor.

Equipment & Furnishing Criteria**Installed Equipment**

- *1 lockable wardrobe*
- *Minimum of 6 linear ft of Black Board*
- *A min of 10 feet of tack surface*
- *Shelf storage for minimum of 200 books*
- *storage for books and equipment, 2 lockable 6 feet high units*

Furnishings

6 stackable students desks of 25"- 30"H

10 stackable student chairs of 18"H

1 kidney table of approximately 24"D x 48"W x 30"H

1 small portable magnetic black board

2 tables for computer tables approx. 24"D x 30"W x 30"H

1 book kiosk

1 L-shaped desk and chair

1 lateral file cabinet

1 computer cart

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 2 student computer workstations
Data Ports: 6
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax

Physical SpaceType: **Small Group Instruction Room (Grades 6-8)** NJ FES: N/A

Number: 3

Class size/Teachers/Staff: 12/1/0

Estimated Square Feet: 1,200

Type of Construction: New

Individual Room Square Feet: 400

Description of Function

This area is for basic supplemental instruction in reading, language arts, and mathematics. There will be various methods of instruction such as teacher-directed instruction, small group instruction, “hands-on” whole and small group activities, and through the use of television, VCR and computers. The Small Group Instruction Room will also be used for the instruction of ESL and other instructional groups that can utilize small group teaching strategies.

Spatial Relationship

These rooms should be evenly distributed throughout the building.

Special Features

There will three different layouts for the Small Group Instruction Room. The first layout is as a standard SGI room. In the second layout the SGI room will be used as a Math Lab. In the third layout, the SGI room will be used as a Language Lab. The Math and Writing Lab should be adjoined but partitioned by an acoustic wall. Any counters should 32”-36” H. The chalkboard should hang 32”-36” from the floor.

Equipment & Furnishing Criteria**Installed Equipment**

ALL:

- *A minimum of 8 linear ft of Black Board*
- *A min of 10 feet of tack surface.*
- *Shelf Storage for a minimum of 200 books*
- *1 lockable wardrobe for the storage of teacher’s belongings*

Furnishings

ALL:

1 L-shaped desk and chair

1 lateral file cabinet of 2 drawers

STANDARD SGI:

6 stackable student desks of 25”-30”H

6 stackable student chairs of 18”H

4 tables for computer workstations approx. 24”D x 30”W x 30”H, plus ergonomic chairs

1 Computer Cart

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Technology**

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 4 student computer workstations
Data Ports: 6
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical Space

Type: **Middle School Vice-Principal's Office** NJ FES: N/A
 Number: 1 Class size/Teachers/Staff: 0/0/1
 Estimated Square Feet: 150 Type of Construction: New
 Individual Room Square Feet: 150

Description of Function

This space should support the Middle School Vice-principal in his/her role as a manager of the school and allow with interaction with parents, staff, and students. The office should take account the confidential nature of vice-principal –staff and vice-principal – parent relations.

Spatial Relationship

Should be located adjacent to the lobby or main entrance to the middle school wing. Needs simple access by parents, staff, and students. This space should also be located in close proximity to a conference room. The Vice-Principal should not share the same reception area as the Guidance offices due to the nature of their activities.

Special Features

The office of the Vice-Principal should provide privacy as it is often used as a space for individual or small group conferences. The office is also used for private telephone calls, storage of professional publications, reports and records that are frequently used in the conducting of everyday school business.

Equipment & Furnishing Criteria**Installed Equipment**

- *1 lockable wardrobe unit*

Furnishings

1 executive desk and chair
 2 side chairs
 2 lateral files of 4 drawers each
 A min of 10 feet of open book shelving

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: None
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet Tiles

Doors: Magnetically controlled double hung locks and vision panels

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: Printer, access to copy machine and fax

Physical SpaceType: **Middle School Guidance Office**

Number: 1

Estimated Square Feet: 350

Individual Room Square Feet: 175

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

The Middle School Guidance Offices will be used as a small conference room for meetings and small group sessions and an office for the guidance counselor.

Spatial Relationship

The area should have easy access by students, staff, and parents. Both Guidance Offices should be adjoining and in close proximity to the Middle School area of the building. The office should also be in close proximity to a conference room. The Guidance Office should not share a reception area with the Vice-Principal due to the nature of their activities, but should have its own ante-room with a separate entrance not on the main corridor.

Special Features

The guidance office will often be used for confidential interviews with students and parents and should provide privacy. Office will be used for private telephone calls, storage of professional publications, reports and records that are frequently used in the conducting of everyday school guidance activities. One Guidance Office will be outfitted as an office, and one Guidance Office will be outfitted as a conference and meeting area.

Equipment & Furnishing Criteria**Installed Equipment**

OFFICE:

- 1 lockable wardrobe

CONFERENCE:

None

Furnishings

OFFICE:

1 L-shaped desk and chair

2 lateral file of 4 drawers each

1 side chair of adult size

1 side chair of smaller size for children

A min of 10 feet of shelving as possible for books and reference materials

CONFERENCE:

6 chairs

1 conference table 60" round and 36"H.

As much shelving for books and reference materials as possible

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: None
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet Tiles

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: Printer, access to copy machine and fax

Physical SpaceType: **Middle School Conference Room**

NJ FES: N/A

Number: 1

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 250

Type of Construction: New

Individual Room Square Feet: 250

Description of Function

The conference room is mainly for general staff meeting and meetings with parents.

Spatial Relationship

Should be located adjacent to the lobby or main entrance of middle school wing. Needs simple access by parents, staff, and students.

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *Built in counter with base cabinets for general storage of supplies and equipment*
- *White board at one end for presentations*

Furnishings

1 oval conference table of a minimum of 60"D x 90"W x 36"H

6 chairs

1 lockable closet for equipment and supplies

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural****Electrical****Technology**

Cable: NPS TECH SPECS

Communications: Intercom, and PA system

Computers: None

Data Ports: 10

Network: Hardwired broadband internet

Peripherals: Roll down display screen of 72" diagonal, Access to LCD projector and other video equipment

Physical SpaceType: **Middle School Teacher's Workroom**

NJ FES: N/A

Number: 1

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 250

Type of Construction: New

Individual Room Square Feet: 250

Description of Function

The Teacher Workroom is a prep area for general faculty and general staff. The space will be a place for the gathering of written materials and a depository of shared materials, laminator, large construction paper rolls, and general equipment for room display panels.

Spatial Relationship

This room should be in close proximity to the middle school classrooms.

Special Features

The workroom should have an adjacent or adjoining faculty bathroom. Provide some deeper counter area for the equipment such as a laminator and a paper cutter.

Equipment & Furnishing Criteria**Installed Equipment**

- *Base type cabinets with stainless steel sink*
- *Bulletin board and cork strips where possible*
- *1 lockable coat closet*
- *Counter top area for 4 computer stations*
- *Bookcase for reference materials*
- *1 storage cabinet for supplies and materials*
- *half-size refrigerator*
- *1 microwave oven*

Furnishings

15 chairs

3 60" round work tables

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet Tiles

Unique Criteria: None

Mechanical

Heat/AC: Heating and AC

Ventilation: Per Code

**Electrical
Plumbing**

Sinks: 1 stainless steel sink in base cabinets
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, intercom, and PA system
Computers: 4 computer workstations
Data Ports: 10
Network: Hardwired, wireless, broadband internet
Peripherals: 1 printer, 1 copier,

Physical SpaceType: **Art Studio**

Number: 1

Estimated Square Feet: 1,200

Individual Room Square Feet: 1,200

NJ FES: N/A

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Description of Function

Students will learn to use aesthetic knowledge in the creation of and in response to visual art. Students will utilize the skills, methods, and technologies appropriate to visual art to create and present artwork. Students will learn the basic elements of visual art and understand and analyze the role, development, and continuing influence of arts in relation to world cultures, history and society. Students will also develop, apply, and reflect upon knowledge of the process of critique.

Spatial Relationship

The Art Studio should be located near other arts facilities. A ground floor location would be desirable to facilitate delivery of materials and supplies and possibly provide an outdoor venue for instruction and practice. A top floor location, however, would provide the opportunity for skylights. The Art Studio will be used in conjunction with the CAD/Computer Lab and should be located in close proximity to this room.

Special Features

A variety of activities will take place in this classroom, and the layout of the space should reflect this. An extremely durable floor surface will be necessary to endure the materials being used. All counters should be made of high-grade resin, not laminates. Storage for art works of different sizes should be considered. If possible, there should be storage space for students to keep their projects from class to class. Sinks should be height appropriate, accessible from more than one side, a positioned in two different stations in the room, not all together. There should be abundant display areas of shelving and tackable surfaces. A minimum of one wall with display capabilities from floor to ceiling, covered in porous material that can accommodate hanging devices such as pins, staples, or tacks. An effective layout for this room will need to meet the ergonomic requirements of students age 4 thru 14. If possible, furniture with easily adjustable heights should be used. Counters should be 27"H. The chalkboard should be hung 24" from the floor and be of taller than standard height to accommodate both adults and children. There should also be display cases for artwork located directly outside the Art Room.

Equipment & Furnishing Criteria**Installed Equipment**

- *A minimum of 12 linear ft of Black Board*
- *Installed Smart Board*
- *A min of 20 feet of tack surface*
- *A minimum of one wall with display capabilities from floor to ceiling, covered in porous material that can accommodate hanging devices such as pins, staples, or tacks.*
- *Ceiling Tracks along walls and across the ceiling to hang three-dimensional work.*
- *A counter-height table or cabinet deep enough to accommodate a large paper cutter*
- *Resin counters along perimeter of room with tote tray storage underneath for student projects.*
-

- *Four sinks separated by at least three feet from one another with swivel neck goose head, and long flexible water hose.*
- *Multiple paper towel and soap dispensers placed in a variety of locations around the room.*
- *Lockable storage for flammable materials*
- *1 lockable wardrobe for instructor's belongings A min of 10 feet of deep open shelving for equipment as possible*
- *Ceramic Kiln, requires ventilation*

Furnishings

8 flat dark resin top 36"D x 60"W worktables with lockable wheels
 23 student chairs 14-16"H
 1 single pedestal desk and chair
 2 lateral lockable file cabinets
 Lockable flat storage to accommodate large art pieces
 2 large drying racks adequate for multiple classes to dry artwork
 Lockable storage within classroom for student materials and supplies
 1 lockable cabinet for safety goggles
 Damp box for clay storage
 Display cases (to be located outside of room)

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: One lockable kit that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes

Construction Criteria

Architectural

Unique Criteria A North-facing wall with large windows and skylights to provide the most desirable lighting.

Mechanical

Heat/AC: Heating and AC
 Ventilation: Powered ventilation and HEPA filtration system to exhaust fumes and promote drying of art work. Vents should be to outside the building, not into ductwork.

Electrical

Lighting: General lighting that includes both fluorescent and incandescent fixtures for accurate color work and which are positioned to reduce shadows in all parts of the room.
 No. Elec. Outlets: Outlets on perimeter walls and above counters, to include 240v outlets where required, to lessen use of extension cords.
 Security System: See Security Systems in General Building Requirements
 Special Criteria: None

Plumbing

Sinks: 4 large stainless steel sinks with sediment traps. Sinks should be height appropriate and accessible from more than one side. Sinks should be located at 2 stations only. Goose neck swivel heads and hose connections should be accommodated.

Drink, Fountain: No requirements

Gas hook ups: No requirements

Floors/Drains: Floor drains in wet areas

Technology

Cable: NPS TECH SPECS

Communications: Telephone, fax, intercom, and PA system

Computers: 1 teacher computer workstation

Data Ports: 10

Network: Hardwired, wireless, broadband internet

Peripherals: Printer, access to copy machine and fax

Physical SpaceType: **Art Storage Room**

NJ FES: N/A

Number: 1

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 125

Type of Construction: New

Individual Room Square Feet: 125

Description of Function

The Art Storage Room is for the storage of art materials and supplies as well as student artwork.

Spatial Relationship

The Art Storage Room should be located adjacent to the Art Studio. Direct access to this area from Art Studio is desirable.

Special Features

The storage room should be able to store various sizes of student artwork, as well as large sheets of paper, matte board, clay and clay containers, sculpture supplies, tools, and other specialty items.

Equipment & Furnishing Criteria**Installed Equipment**

- *A min of 10 feet of adjustable shelving and storage as can be provided for equipment*
- *Storage for paper and boards*

Furnishings

Lockable metal storage cabinets suitable for flammable and combustible materials

2 lockable filing cabinets

Physical Space

Type: Auditorium

Number: 1

Estimated Square Feet: 4,000

Individual Room Square Feet: 4,000

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

The auditorium space fulfills numerous functions for this program and building. First, it serves within the school day as a mutual gathering space for all students to share ideas and communicate as a student body. It serves as a stage for both the school and community to present a wide variety of productions such as drama and music presentations, assemblies, and other student and community gatherings. The auditorium is also to provide instructional activities in production and performance and in the application of theatre arts knowledge and skills with lecture, demonstration, small- and large-group projects, meetings, scenery and costume construction, all types of technical theatre, rehearsals, and performances.

Spatial Relationship

The auditorium must be accessible for evening activities and public access outside normal school hours. The auditorium should be located near the arts education facilities, especially the vocal and instrumental music areas of the school. The auditorium should be accessible to the main corridor system and have access to the control booth if possible.

Special Features

The auditorium is a special use facility and should be configured to allow for multiple uses. As the main performance space, it must be suitable for assemblies, theater, films, speakers, large group instruction, and testing.

The house should include the general seating area, and access to the control booths. There should be orchestra space in front of the stage (with circuits for orchestra lighting, cuing, and monitoring) that is created by several rows of removable seats at the front of the house. The orchestra area should hold approximately 30 musicians. Space should be provided for 400 seats. Aisle and seat access shall comply with ADA requirements. A sloped floor is recommended, as excellent site lines and acoustical characteristics are desirable for all seats. Proper volume throughout the space is necessary for acoustics. The house should have acoustic treatment. There should be control booths of 200 sq ft for lights and sound situated at the rear of the auditorium and raised to allow a view of auditorium and stage. Acoustical and lighting control should be the realm of a teaching medium. Dimmer controls for house lighting that are accessible to theatre and non-theatre personnel should be available. Additionally, it should be possible to move a piano to either the stage or the auditorium. Double doors from stage to corridor should be accommodated.

The lobby should meet BOCA standards for occupancy loads. Local building codes should be consulted to determine the number of seats allowed in a continuous row and the distance between rows. Toilet facilities and public phones should be located directly off the lobby. Ideally, there should be an inner lobby, or light lock area to separate the house and lobby to eliminate outside noise and light.

Costume storage of 200 sq ft should also be situated for easy access to stage. Two dressing rooms of 200 sq ft each should also be included. They must be located immediately adjacent to the stage allowing for quick, unobtrusive entry and exit from the stage. All areas should be sound isolated from one another as much as possible.

Equipment & Furnishing Criteria

Installed Equipment

- **SEATING AREA:**
- *Fixed, padded seating for 400 with some seating removable to create orchestra area*
- **LIGHTING and Sound CONTROL BOOTH: approximately 100 sq ft.**
- *Front wall should have large sliding glass window for view of stage*
- *Independently wired receptacles with positions*
- *Intercom and monitor*
- **COSTUME STORAGE:**
- *A min of 10 feet of built in storage as possible for both hanging clothing and boxes of clothing and props*
- **DRESSING ROOMS:**
- *10 linear ft of counter*
- *5 linear ft for hanging clothes*
- *1 full length mirrors.*
- *Make-up mirrors along counter surrounded by incandescent lights*

Furnishings

DRESSING ROOM:

2 chairs
Costume racks
Drawer Storage
Lockable storage

SOUND -LIGHTING CONTROL BOOTH: Approx. 100 sq ft.

3 chairs
Lockable metal storage cabinets and shelves for lighting instruments, hardware, equipment, tools

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes and 2 fire extinguishers

Construction Criteria

Architectural

Mechanical

Heat/AC: Heating and AC
Ventilation: Per Code

Electrical

- Lighting: SEATING: Light levels in this are should be variable to a maximum of 35 ft candles at chair height. COSTUME STORAGE: Per code, parabolic energy eff bulbs. DRESSING ROOM: incandescent lighting above the counter.
- No. Elec. Outlets: Middle of floor and along outside aisles and back wall
- Security System: See Security Systems in General Building Requirements
- Special Criteria: Lighting must be dimmable. "Dead hung" electric battens in ceiling for overhead stage lighting. All house and stage lights should be controllable from both the control booth and the stage. LIGHTING BOOTH: independently wired receptacles with positions for follow spots and projectors.

Plumbing

- Sinks: 1 vanity sink in each Dressing Room, one toilet room adjoining Stage complex.
- Drink, Fountain: No requirements
- Gas hook ups: No requirements
- Floors/Drains: No requirements

Technology

- Cable: NPS TECH SPECS
- Communications: Must be set up for full gamut of multi-media presentations and seminar type of activities. Control booths to control all systems: lighting, sound, etc. Data outlets to connect to network. Intercom to main office and intercom system exclusive to stage and auditorium area, clock and PA system
- Computers: N/A
- Data Ports: 4
- Network: Wireless internet
- Peripherals: LIGHTING and SOUND BOOTH: intercom, monitor, electronic dimmer control, patch panel, control board that can control and operate the house lights, headset jacks. mixer system, amplifier, speakers, a transmitter, turntable, CD player, 2 tape decks, and a tuner. A specialist in sound and lighting design should be consulted in the selection of equipment.

Physical SpaceType: **Stage**

Number: 1

Estimated Square Feet: 1,500

Individual Room Square Feet: 1,500

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

The Stage is a theatrical space for drama, music, and other school and community presentations. The stage can also be used to enhance the art curriculum by offering students a venue in which to learn about set design and construction.

Spatial Relationship

The Stage should be located directly adjacent to the auditorium. Dressing rooms and stage storage should be directly accessible from the stage. Also direct access to hallway for “back stage” coordination of student performers. The stage should have convenient access to the exterior for movement of equipment.

Special Features

The stage or platform should provide the necessary components for professional performance. Flexibility should be inherent in all systems to allow maximum educational benefit as well as production benefit. The stage should have wings of the same depth as the stage for ease of movement of props, cast, and equipment. There should be adequate space at the rear of the stage to accommodate persons crossing backstage and movements of scenery. The platform should have florescent work lights. All house, stage, and work lights must be controllable from this area as well as from the lighting booth. A sound system that allows for multiple microphones both wired and FM band wireless is necessary. Side access as well as direct access to the outside would be desirable. It should be possible to easily move a piano onto the stage. Direct exterior access from this area with a 10'x10' overhead door to a loading dock area would be ideal for the transfer of props. An area of 250 sq ft for storage and slop sink should be provided and be adjacent to this door.

Must have ADA compliant handicapped access from auditorium and back stage area. Stage walls and stage shells should be considered to make the theater a more acoustically usable space. Storage for chairs, choral risers and shells under the stage should be considered.

Equipment & Furnishing Criteria**Installed Equipment**

- *STAGE: Projection screen, 240 inch diagonal, ceiling mounted, electric, matte white*
- *Sufficient lighting instruments to illuminate the space and allow for special effects lighting*
- *Lighting positions in the beams, on the lighting trees, and in the portals*
- *Curtains, to include an act curtain of a dark color and a cyclorama curtain, along with teasers and tormentors colored black to absorb light and sight lines.*
- *Ceiling Rods for scenery supports etc.*
- *PROP STORAGE:*
- *Deep floor to ceiling shelving on perimeter walls for props and equipment*

Furnishings**STAGE:**

Portable risers
 Portable stage lighting
 Chamber shells for small ensembles

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: One lockable kit that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes and fire extinguisher on each side of the stage

Construction Criteria**Architectural**

Floors: STAGE and THRUST: hardwood such as maple. .
 STORAGE: Rubber flooring
 Walls: Water based epoxies on exposed masonry and GWB surfaces. Dark neutral color such as black or dark gray.
 Doors: Oversized doors for scenery and instrument access Double doors out to corridor.
 Ceilings: Acoustically design finishes to support the nature of the space.
 Ceiling Height: Per Code
 Acoustic Considerations: See Acoustic Considerations in General Building Requirements
 Unique Criteria Floor of the stage should not be varnished or waxed. The wood should be sanded and stained, matte finish applied..

Electrical

Lighting: Ft. Candles per code- Parabolic Energy Eff. Bulbs for work lights.
 Portable stage lights
 No. Elec. Outlets: 6 outlets located in front of the stage. Outlets for intercom and monitoring system headsets at various locations around the stage.
 Outlets for lighting and sound that are wired separately and located near battens or other lighting positions in the floor or around walls where lighting instruments might need to be hung. Wall outlets on individual circuits for auxiliary items such as fig machines.
 Security System: See Security Systems in General Building Requirements
 Special Criteria: See above notes. Stage rigging for portable, adjustable lighting.
 Dimmer cabinet. Emergency lighting system.

Plumbing

Sinks: Slop sink in stage storage
 Drink, Fountain: No requirements
 Gas hook ups: No requirements
 Floors/Drains: 1 by slop sink in stage storage area

Technology

Cable: NPS TECH SPECS

Communications: Intercom, PA system, and sound system as mentioned above
Computers: None
Data Ports: 2
Network: Hardwired, wireless, broadband internet
Peripherals: Sound and light systems as mentioned above. Specialists in sound and lighting design should be consulted in the selection of equipment.

Physical SpaceType: **Cafeteria**

NJ FES: N/A

Number: 1

Class size/Teachers/Staff: 250/0/4

Estimated Square Feet: 3,696

Type of Construction: New

Individual Room Square Feet: 3,696 (Includes seating area only, not servery or trash areas)

Description of Function

The cafeteria area is a multi-use space that will function for: cafeteria; school and community meetings; after school enrichment programs: informal student gatherings and school dances. The cafeteria should house the school's K-8 population in 3 sittings for lunch. Easy community access should be a consideration to accommodate meetings and dinners.

Spatial Relationship

The Cafeteria should be centrally located and in close proximity to restrooms.

Servery Area will be adjoining Cafeteria but is included in gross-up areas. This space is estimated to be 700 sq ft.

Trash and Recycling Area of approximately 400 sq ft is included in gross-up areas, this should be in Cafeteria design and easily accessible.

Special Features

All areas of the Cafeteria should be easily visible for supervision. Consideration should be given to traffic flow patterns. Students will be served at a rate of 8-10 per minute, which will necessitate two serving lines. There should be an Early Childhood bathroom adjoining cafeteria. Acoustics treatment of the Cafeteria with absorber and diffuser panels should be considered both to reduce noise levels and to create a more functional area for special events. There should also be a key operated divider that will allow the Cafeteria to be divided into two equally sized areas each with access to a serving line.

Equipment & Furnishing Criteria**Installed Equipment**

- *2 tack boards of 4' x 6' located near the main entrance*
- *Key operated divider*
- *Ceiling mounted projection screen, electric 210 inch diagonal. white matte*

Furnishings

Folding round tables and chairs for 250 students

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: 2 Kits that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes and 2 fire extinguishers

Construction Criteria**Architectural**

Doors: Magnetically controlled double hung locks and vision panels. Doors should be double wide and large enough to allow for a piano

Plumbing

Sinks: 1 sink in EC bathroom
 Drink, Fountain: 1 bubbler, 1 ADA compliant bubbler
 Gas hook ups: No requirements
 Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
 Communications: Intercom, and PA system
 Computers: N/A
 Data Ports: 6
 Network: Hardwired, wireless, broadband internet
 Peripherals: Large Pull Down Screen –120' diagonal

Physical SpaceType: **Enrichment Program Storage**

NJ FES: N/A

Number: 1

Class size/Teachers/Staff: 0/0/0

Estimated Square Feet: 200

Type of Construction: New

Individual Room Square Feet: 200

Description of Function

This room will provide storage for after school enrichment programs.

Spatial Relationship

This space should be adjoining the Cafeteria

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

A min of 10 feet of adjustable shelving as possible for equipment
 Staff lockers

Furnishings

Lockable filing cabinets

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: One lockable kit that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes

Physical SpaceType: **Chair Storage Room**

Number: 1

Estimated Square Feet: 250

Individual Room Square Feet: 250

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

This space is for the storage of additional folding chairs.

Spatial Relationship

This room should be adjacent to the cafeteria.

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

Adjustable metal shelving above the height of chairs for equipment

Furnishings

None

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria

See NPS Guidelines

Physical SpaceType: **Kitchen**

NJ FES: N/A

Number: 1

Class size/Teachers/Staff: 0/0/10

Estimated Square Feet: 2,000

Type of Construction: New

Individual Room Square Feet: 2,000 (this sq footage does not include Served or Trash Areas)

Description of Function

The Kitchen is conceived as a full kitchen offering a selection of food services during the day and special events that are performed for the school in its role as a community center.

Spatial Relationship

Adjoining the Cafeteria with direct access to service areas of the building. Kitchen should have outside access for loading, deliveries, and trash disposal.

Special Features (includes Served)

Two serving lines will be required serving three meal periods. A traditional Cook/Serve food production system will be used. All meals are assembled in the production area located in the main kitchen area. The facility should be designed to operate on one level. The Kitchen should approximately be broken up into the following areas. RECEIVING: 200 sq ft, CAN WASH/ TRASH/ RECYCLE/ JANITOR: 120 sq ft, FOOD STORAGE: 250 sq ft, NON-FOOD STORAGE: 175 sq ft, REFRIGERATION/FREEZING: 350 sq ft, KITCHEN: 1,100 sq ft, POT WASHING: 175 sq ft, DETERGENT STORAGE: 60 sq ft, COMPRESSOR ROOM (remote): 160 sq ft, OFFICE SPACE: 100 sq ft. At least, 100 sq ft for dishwashing unit should be included, even if dishwasher is not included in current equipment. Please see the Kitchen Report enclosed in the Appendix for more information.

Installed Equipment & Furnishing Criteria**List of Equipment**

<i>1</i>	<i>Milk Cooler</i>
<i>1</i>	<i>Receiving Scale</i>
<i>1</i>	<i>Mobile Steam Cleaner</i>
<i>1</i>	<i>Can Rack</i>
<i>1</i>	<i>Can Washer/Mop Sink</i>
<i>1</i>	<i>Hose Bib (NIC; By Plumber)</i>
<i>1</i>	<i>Walk-In Refrigerator</i>
<i>1</i>	<i>Walk-In Freezer</i>
<i>1 Lot</i>	<i>Refrigerator/Freezer Shelving</i>
<i>1 Lot</i>	<i>Storeroom Shelving</i>
<i>1</i>	<i>Hand Sink</i>
<i>1</i>	<i>Prep Table W/Sinks</i>
<i>1</i>	<i>Overshelf</i>
<i>1</i>	<i>Food Cutter</i>
<i>1</i>	<i>Food Cutter Table</i>
<i>1</i>	<i>60 Quart Mixer</i>
<i>1</i>	<i>Work Table</i>

1	<i>Overshelf</i>
1	<i>Slicer</i>
1	<i>Mobile Slicer Stand</i>
2	<i>Work Tables</i>
2	<i>Overshelves</i>
2	<i>Mobile Heated Cabinets</i>
1	<i>Cook's Table W/Sink</i>
1	<i>Utensil Rack</i>
1	<i>Hand Sink</i>
1	<i>Kettle/Steam Combination</i>
1	<i>Trough W/Grating</i>
2	<i>Double Deck Convection Ovens</i>
1	<i>Tilting Skillet</i>
1	<i>Four Burner Range</i>
1	<i>Pot Filler</i>
1	<i>Ventilator W/Fire Protection</i>
3	<i>Reach-In Refrigerators</i>
1	<i>Reach-In Freezer</i>
1	<i>Hand Sink</i>
1	<i>Pot washing Sink Unit</i>
1	<i>Wall Shelf</i>
1	<i>Sink Agitator</i>
1	<i>Sink Heater</i>
2	<i>Mobile Pot Racks</i>
1	<i>Hose Bib (NIC; By Plumber)</i>
2	<i>Hot Food Sections</i>
2	<i>Protector Cases</i>
2	<i>Utility Counters</i>
2	<i>Cold Pans</i>
2	<i>Display Cases</i>
2	<i>Cold Beverage Units</i>
2	<i>Cashier's Stations</i>
2	<i>Tray Slides</i>
2	<i>Reach-In Freezers</i>
2	<i>Reach-In Refrigerators</i>
1	<i>Back Counter W/Sink</i>
2	<i>Mobile Heated Cabinets</i>
1	<i>Hand Sink</i>
	<i>Diswasher (1 commerical level)</i>

STAFF LOCKERS:

10 high-density plastic vented single tiered lockers for staff use (Included in Gross-up area).
This area does not need to be adjoin Kitchen. Staff toilet needs to be adjacent or adjoining Kitchen.

STORAGE AREAS:

A min of 10 feet of shelving as possible

Furnishings**OFFICE:**

1 L-shaped desk and chair

1 lateral file cabinet of 4 drawers

1 lockable wardrobe

A min of 10 feet of additional shelving as possible

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes and 1 fire extinguisher

Construction Criteria**Architectural****Plumbing:**

Kitchen area requires floor drains, hose bibs and plumbing provisions for adequate commercial level water temps and pressure, provisions for dishwasher plumbing and drainage and hose bib should be included.

See NPS Guidelines for flooring, etc.

Physical Space

Type: **Music Room**

NJ FES: N/A

Number: 1

Class size/Teachers/Staff: 50/2/0

Estimated Square Feet: 1,800

Type of Construction: New

Individual Room Square Feet: 1,800

Description of Function

This space will be used for both the learning and practicing of musical instruments and choral music as well as for the general instruction and basic presentation of music theory and appreciation. Students will learn to use aesthetic knowledge in the creation of and in response to instrumental music. Students will utilize the skills, methods, and technologies appropriate to music to create and perform musical pieces. Students will learn the basic elements of music and understand and analyze the role, development, and continuing influence of instrumental music in relation to world cultures, history and society. Students will also develop, apply, and reflect upon knowledge and the process of critique.

Spatial Relationship

This room should be in close proximity to the Stage and adjacent to the Music Storage Room. If possible, the room should be close proximity to a building exit with doublewide doors to allow for movement of instruments in and out of the building.

Special Features

This space will have an acoutiscal divider, the room will be divided into two separate instructional spaces. The Instrumental space should be 1,000 sq ft and the Choral space should be 800 sq ft. The ceiling height should be 14 feet.

Learning in this room is accomplished by critical listening. Every aspect of the area must be designed to promote clear hearing. The room must be sound isolated from all adjoining spaces. The interior walls of the Music Room should extend to the ultimate roof for proper sound isolation. Additionally, untreated parallel walls will cause flutter echo. Absorption panels on the lower wall behind the percussion and lower brass sections will significantly reduce loudness. Elliott Street School has a significant percussion program, which should be taken into account when considering the room's acoustics. The possibility of a removable tiered platform for proper viewing and performance should be considered. Permanent risers should not be considered, as they will reduce the cubic volume of the room. The Music Room should have double entry doors to accommodate large instruments. Additionally, large numbers of students enter and exit together within minutes; good traffic flow should provide natural routes and adequate space for these groups. Some instrument storage will need to occur in the Music Room. Place cabinets near appropriate instrument sections to prevent confusion and congestion. Allow a 3' minimum between cabinets and opposing walls, and 6' between rows of facing cabinets. Cabinets with many compartments should be placed next to cabinets with only a few to spread out students as they access or return their instruments. Cabinets should have grille front for ventilation and easy location. Instrument storage will require about 300 sq ft of floor space to be divided between the Music Storage Room and the Music Room. The current distribution should be used as approximate guidelines.

Equipment & Furnishing Criteria**Installed Equipment**

- *2 Installed Smart Boards*
- *Acoustical divider doors, must meet ANSI standards for Music Classroom.*
- *Minimum of 16 linear ft of Black Boards. One board should be blank. One board should have permanent music staff lines. Installed Smart board*
- *A min of 10 feet of tack surface*
- *Shelf storage for a minimum of 200 books*
- *Secured storage space with shelving for sheet music, tapes, records, CD's, audio and video equipment, and videos.*
- *8 instrument storage cabinets of 27 1/2"W x 39 1/4"D x 85 5/8"H*
- *14 instrument storage cabinets of 27 1/2"W x 29 1/4"D x 85 5/8"H*
- *instrument storage cabinets of 27 1/2"W x 19 1/4"D x 85 5/8"H*
- *3 instrument storage cabinets of 48 1/2"W x 29 1/4"D x 85 5/8"H*
- *Lockable teacher wardrobe*
- *Lockable closet for choral robes in choral section of room, store 40 robes.*

Furnishings

1 L-shaped desk and chair
 2 lateral file cabinets
 1 lockable wardrobe for instructor's belongings
 1 table for computer workstation
 50 student chairs: (Wenger Student Chair with Universal Folding Arm and bookrack): 25 chairs should be 17.5 inches in height, 25 chairs should be 20.5 inches in height.
 50 music stands, with mobile storage cart
 18 stackable Wenger Student chairs with moveable cart, 15.5" inches in height
 18 stackable Wenger Student chairs with moveable cart, 19.5" inches in height
 2 moveable computers and cart
 1 piano and piano bench
 2 electric keyboard stations
 All necessary percussion instruments
 Removable 3 tiered floor (band riser set for 42 seats with guardrail), ex Wenger set #1015
 Conductor podium with music stand
 High-density sheet music storage

 1 audiovisual cart

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: One lockable kit that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes

Construction Criteria**Architectural**

Ceiling Height: 14'-15' min.
 Acoustic Walls should be treated with a combination of absorber and diffuser
 Considerations: panels to enhance acoustics of the room. A specialist in this area should

be consulted. See Acoustic Considerations in General Building Requirements, and above in Special Features.

Unique Criteria: Ceiling height should be measured from floor to suspended ceiling.

Mechanical

Electrical

Lighting: 70-100 ft-candle range throughout. Certain fluorescent lighting creates a slightly flat Bb pitch making it impossible to tune to a concert A or B-flat. Fluorescent lighting must use electronic quiet ballasts, or ballasts outside the room.

No. Elec. Outlets: 2 outlets per wall.

Security System: See Security Systems in General Building Requirements

Special Criteria: Receptacle boxes should not be placed in direct line from room to room. Receptacle boxes should be placed at least 2 feet apart and outlet box opening and perimeter joints should be caulked to prevent sound leakage. Room-to-room electrical boxes will also cause sound leakage and should be avoided.

Plumbing

Sinks: 1 stainless steel sink

Drink, Fountain: 1 bubbler at sink

Gas hook ups: No requirements

Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS

Communications: Telephone, fax, intercom, and PA system

Computers: 1 teacher workstation and 1 student workstation equipped with headphones, microphone, and enough space for an electronic keyboard in front of the computer.

Data Ports: 4

Network: Hardwired, wireless, broadband internet

Peripherals: Printer, access to copy machine and fax,

Physical Space

Type: **Music Storage Room**

Number: 1

Estimated Square Feet: 200

Individual Room Square Feet: 200

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Included in Gross-up Calculation

Description of Function

This area is for the storage of musical instruments and musical equipment.

Spatial Relationship

The storage room should be located adjacent to the Music Room. Additionally, storage rooms can be used as an effective sound buffer, and are better sound isolators than single walls.

Special Features

Doors at each end of the instrument storage room can help to eliminate congestion and promote traffic flow. Allow a 3' minimum between cabinets and opposing walls, and 6' between rows of facing cabinets. Cabinets with many compartments should be placed next to cabinets with only a few to spread out students as they access or return their instruments. Cabinets should have grille front for ventilation and easy location.

Instrument storage will require about 200 sq ft of floor space to be divided between the Music Room and the Music Storage Room.

Equipment & Furnishing Criteria

Installed Equipment

- 10 instrument storage cabinets of 27 1/2"W x 39 1/4"D x 85 5/8"H
- 4 instrument storage cabinets of 27 1/2"W x 29 1/4"D x 85 5/8"H
- 2 instrument storage cabinets of 60 1/2"W x 39 1/4"D x 85 5/8"H

Furnishings

None

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke

Physical SpaceType: **Music Practice Room**

Number: 2

Estimated Square Feet: 200

Individual Room Square Feet: 100

NJ FES: N/A

Class size/Teachers/Staff: 3/1/0

Type of Construction: New

Description of Function

The Music Practice Room functions as an individual and small ensemble practice room. It allows one-on-one musical instruction in a sound isolated place. It is also a space for students to practice when they have free time.

Spatial Relationship

The Music Practice Rooms should be located in close proximity to the Music Room. The Music Practice Rooms, however, should be quiet and are not effective buffers and should not be located directly adjacent to the major rehearsal spaces.

Special Features

The Music Practice Rooms must be located in a place where the occupants can easily be supervised. Modular practice rooms offer better sound isolation than most built-in rooms and also provide much greater flexibility as they can be moved or resized as needed. Learning in this room is accomplished by critical listening. Every aspect of the area must be designed to promote clear hearing. The room must be sound isolated from all adjoining spaces.

Equipment & Furnishing Criteria**Installed Equipment**

None

Furnishings

2 chairs 16"H

2 music stands

1 keyboard and stand

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Floors: NPS Guidelines

Walls: Water based epoxies on exposed masonry and GWB surfaces

Doors: Magnetically controlled double hung locks. Instructors should be able observe all activity inside the room.

Ceilings: Acoustics should be considered in the choice of ceiling materials

Ceiling Height:	Per Code
Acoustic Considerations:	Walls should be treated with a combination of absorber and diffuser panels to enhance acoustics of the room. A specialist in this area should be consulted. See Acoustic Considerations in General Building Requirements, and above in Special Features.
Unique Criteria	None

Mechanical

Heat/AC:
Ventilation:

Electrical

Lighting:	70-100 ft-candle range throughout. Certain fluorescent lighting creates a slightly flat Bb pitch making it impossible to tune to a concert A or B-flat. Fluorescent lighting must use electronic quiet ballasts, or ballasts outside the room.
No. Elec. Outlets:	1 per wall
Security System:	See Security Systems in General Building Requirements
Special Criteria:	Receptacle boxes should not be placed in direct line from room to room, as they will cause sound leakage. Receptacle boxes should be placed at least 2 feet apart and outlet box opening and perimeter joints should be caulked to prevent sound leakage. Room-to-room electrical boxes will also cause sound leakage and should be avoided.

Plumbing

Sinks:	No requirements
Drink, Fountain:	No requirements
Gas hook ups:	No requirements
Floors/Drains:	No requirements

Technology

Cable:	N/A
Communications:	N/A
Computers:	N/A
Data Ports:	N/A
Network:	N/A
Peripherals:	N/A

Physical Space

Type: CAD/ Computer Lab

Number: 1

Estimated Square Feet: 1,200

Individual Room Square Feet: 1,200

NJ FES: N/A

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Description of Function

All students will use technology skills and computer applications to gather and organize information and to solve problems. Students will also learn the use of basic principles and practices of a design and engineering software program that supports thinking in 3D. All students will develop an understanding of the nature and impact of technology, engineering, technological design, and the designed world as they relate to the individual, society, and the environment. Students will work at computer stations and be instructed through lecture supplemented by audio-visual presentations and teacher demonstrations. The CAD/Computer Lab will also be used to supplement the Visual Arts curriculum by providing a facility in which students can learn about computer animation and the different aspects of graphic design and graphic arts.

Spatial Relationship

The room should be located close to Middle School area.

Special Features

Lighting capability of reducing the light level to as little as 20 foot-candles is needed in order to provide the proper resolution between the room and monitor screen. It is also desirable that students should be able to face/see the teaching station from their computers. Lighting should be either indirect or parabolic to minimize glare in the monitors. The room should be wired for an interactive white board. The counters should be 27"H. The chalkboard should be hung 24" from the floor and be taller than standard to accommodate both adults and children.

Equipment & Furnishing Criteria**Installed Equipment**

- *Interactive Smart Board white board*
- *10 linear feet of standard white board*
- *Lockable cabinets for software and paper supplies, min of 3, 6 feet high cabinets*
- *Lockable coat closet*

Furnishings

24 PC workstations of 24"D x 36"W x 30"H.

24 ergonomic chairs with adjustable height

1 L-shaped desk and chair

2 file cabinets

2 Digital scanners

1 color printer suitable for larger CAD printouts

Digital projector for teacher workstation

4 printer stations

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural****Electrical**

Lighting: Per Code, Parabolic, T-8 bulbs
No. Elec. Outlets: Outlets at each computer station and for equipment
Security System: See Security Systems in General Building Requirements
Special Criteria: None

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher workstation and 24 student workstations
Data Ports: 30
Network: Hardwired and wireless, broadband internet
Peripherals: 3-D and 2-D design software loaded on each machine.

Physical SpaceType: **Career Exploration Lab**

Number: 1

Estimated Square Feet: 1,250

Individual Room Square Feet: 1,250

NJ FES: N/A

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Description of Function

This space is used for students to simulate various career environments in a real time setting. For example, students would research career options in the Career Lab, learning about the types of jobs, their functions in the organization/ industry, relationship to consumers/clients, and product produced. They would then decide to study this career area for 4 – 6 weeks by recreating the business environment through the simulation. So, this room could be transformed into a retail business, a manufacturing plant, a health office, a construction site, a research lab, a restaurant, that would function as if it were a real-life setting while students explore the career field more deeply.

Spatial Relationship

The room should be in close proximity to the Career lab so that students can access the lab and move into the Career Exploration Room easily.

Special Features

The room should be furnished with modular units that can be easily moved. The counters should be 32”H. The chalkboards should be hung 32” from the floor.

Equipment & Furnishing Criteria**Installed Equipment**

- *Minimum of 16 linear feet of a combination of white board and black board*
- *Installed Smart Board*
- *A min of 10 feet of tack space*
- *1 complete kitchen station that includes: base cabinets with SS sink, dishwasher, overhead cabinets, refrigerator/ freezer combo, microwave oven, and an electric range/conventional oven.*
- *A min of 10 feet of storage for equipment, at least 2 , 6 feet high lockable cabinets*
- *Storage for a minimum of 200 books*
- *1 lockable wardrobe for instructor’s belongings*

Furnishings

6 rectangular tables of 36”D x 60”W x 30”H with lockable wheels.

23 student chairs of 17”H

9 tables of 24”D x 30”W x 30”H for computer workstations

1 L-shaped desk and chair

2 filing cabinets

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
One lockable kit that includes synthetic gloves

First Aid Kits:

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes and 1 fire extinguisher

Construction Criteria**Mechanical
Electrical**

Lighting:

No. Elec. Outlets: 8 outlets and each computer station

Security System: See Security Systems in General Building Requirements

Special Criteria: Kitchen Equipment

Plumbing

Sinks: 1 deep stainless steel sink with gooseneck faucet and blade handles at kitchen station

Drink, Fountain: No requirements

Gas hook ups: No requirements

Floors/Drains: Near sinks

Technology

Cable: NPS TECH SPECS

Communications: Telephone, fax, intercom, and PA system

Computers: 1 teacher workstation and 9 student workstations

Data Ports: 16

Network: Hardwired, wireless, broadband internet

Peripherals: Printer, access to copy machine

Physical Space

Type: Career Exploration Storage Room	NJ FES: N/A
Number: 1	Class size/Teachers/Staff: 0/0/0
Estimated Square Feet: 150	Type of Construction: New
Individual Room Square Feet: 150	

Description of Function

This area is for storage of materials used for Career Exploration

Spatial Relationship

This room should be adjacent to the Career Exploration lab

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *Adjustable shelving along all walls for equipment*

Furnishings

None

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: None
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Physical SpaceType: **Physical Education Development Center**

NJ FES:

Number: 1

Class size/Teachers/Staff: 24/1/0

Estimated Square Feet: 1,200 sq ft

Type of Construction: New

Individual Room Square Feet: 1,345 sq ft

Description of Function

The Physical Education Development Center will be used to provide Adaptive Physical Education to Special Education students. This area will also be used by the younger grades (Pre-K-2) as an area for physical education. The PE Development Center is also a space that can be used by the community for various functions. In this area students will learn to utilize safe, efficient and effective movement. They will learn to apply health-related (cardio respiratory endurance, body composition, flexibility, muscular strength, and muscular endurance) and skill-related (speed, agility, reaction time, coordination, and power) fitness concepts to develop and maintain a healthy, active lifestyle.

Spatial Relationship

This area should have community access and be located in close proximity to the other Physical Education areas and Early Childhood areas.

Special Features

Lighting must function to meet multi-purpose aspects of the space. Lighting must have the option to be dimmed. Drinking fountains should be located in an easily visible place directly outside the area.

Equipment & Furnishing Criteria**Installed Equipment**

Wall padding around all walls up to 7 feet in height

Grid tracking system around perimeter to allow for removable brackets, clips etc.

2 pull-up bars located in safe places

Furnishings

Portable Physical Education equipment cart, ball nets, Early Education gymboree set

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes and 1 fire extinguisher

Construction Criteria**Architectural**

Floors: Sport flooring with a high shock absorption (35%+)

Walls: Padding from base to 6'- 8' high all around exposed walls. Acoustic block.

Doors: Oversized double entry doors to allow for movement of large

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equipment
 Ceilings: Acoustical deck
 Ceiling Height: as high as possible

Acoustic Acoustical treatment throughout, plus sound soak board along perimeter
 Considerations: of room even with bottom of structure and 8' below. Also, see Acoustic
 Considerations in General Building Requirements
 Unique Criteria None

Mechanical

Heat/AC: Heating and AC
 Ventilation: Per Code

Electrical

Lighting: Per Code, Parabolic, T-8 bulbs
 No. Elec. Outlets: 3 per wall
 Security System: See Security Systems in General Building Requirements
 Special Criteria: None

Plumbing

Sinks: No requirements
 Drink, Fountain: No requirements
 Gas hook ups: No requirements
 Floors/Drains: No requirements

Technology

Cable: CATV
 Communications: Intercom, independent PA system with separate shutoff, CD, radio, and
 tape capabilities, wireless microphone outlets in appropriate locations,
 FM wireless, 2 screened clocks.
 Computers: None
 Data Ports: 2
 Network: Hardwired, wireless, broadband internet
 Peripherals: None

Physical SpaceType: **Technology Lab**

Number: 1

Estimated Square Feet: 1,800

Individual Room Square Feet: 1,800

NJ FES: N/A

Class size/Teachers/Staff: 15/1/0

Type of Construction: New

Description of Function

Students will gain knowledge of energy, power, basic mechanics, and robotics. Teaching will occur through demonstration, lecture, and direct student involvement.

Spatial Relationship

The Technology Lab should not be located near any area, such as the Auditorium or the Library, which loud noise will disturb. Ideally, the room would have an outside wall to allow for a loading area for easy access to materials.

Special Features

Storage Area: A Storage Area of 200 sq ft should adjoin this instructional space.

This storage space is part of the Gross-up calculation

Instructional Area:

Due to the level of noise produced in an industrial arts room, efforts should be made to both absorb and reduce noise within the room and prevent noise from leaking into other instructional areas. On the main shop floor, tool workstations should Have access to electricity either from wall plugs or ceiling tracking system.be located on the Each workstation should have a clear area around it of approximately 4' x 4'. In addition to the main shop floor, there will be a 400 square foot area for computers. This will be a separate room with glass walls and a glass door to allow for instructor supervision at all times. Ample space should also be allocated for the storage of student projects. The supplies areas and tool closets should be located so that students pass as few workstations as possible when accessing them. The counters should be 32"H. The chalkboard should be hung 32" from the floor.

Equipment & Furnishing Criteria**Installed Equipment****FABRICATION LAB:**

- *10 linear feet of black board behind demo table*
- *Lockable wall cabinet for safety goggles and ear protection*
- *A min of 10 feet of lockable storage, as is necessary for storage of equipment and materials*
- *Deep adjustable shelving for student projects*
- *pedestal workstations approx. 32"H to be equipped with machine tools or engines as the instructor sees fit*
- *1 lockable wardrobe for instructor's belongings*

COMPUTER ROOM:

- *Cabinets for storage of paper, software, etc*
- *Counter of approx. 24"D x 400"W x 30"H to accommodate 12 computer workstations*
- *Smart Board at one end of room*

Furnishings**FABRICATION LAB:**

6 metal topped tables 24-36"D x 72"W x 30"H, equipped with vises, and drawers in base
 2 wood topped tables 24-36"D x 72"W x 30"H, equipped with vises, and drawers in base
 2 lockable lateral filing cabinets
 15 stools
 1 demonstration table with demo mirror

COMPUTER AREA:

1 L-shaped teacher desk and chair
 2 lateral files
 12 computer chairs 18"H
 Counter for printer and peripherals.

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: One lockable kit that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes and 1 fire extinguisher

Construction Criteria**Architectural**

Floors: Rubber flooring that should be non-slip fire resistant, and unaffected by solvents
 Walls: Water based epoxies on exposed masonry and GWB surfaces. Computer area will have glass walls.
 Doors: Magnetically controlled double hung locks and vision panels. Doors should be oversized to allow for materials. Overhead door to outside loading area is desirable.
 Ceilings: 2' X 2' Lay in type ceiling system
 Ceiling Height: 16 feet
 Acoustic: Acoustical materials should be used in floor and wall construction to reduce noise level. See Acoustic Considerations in General Building Requirements
 Unique Criteria: None

Mechanical

Heat/AC: Heating and AC Follow NPS Guidelines
 Ventilation: The room should have a ventilation system to outside the building.

Electrical

Lighting: Per Code, Parabolic, T-8 bulbs. 75-foot candles.
 No. Elec. Outlets: FABRICATION LAB: Voltage as designated by machines in each area. Wall outlets near each tool station and pull-down extension cord at each student worktable. COMPUTER AREA: raceway of outlets
 Security System: See Security Systems in General Building Requirements
 Special Criteria: 3 electrical "panic" emergency cut-off switches, 1 in computer area, and

2 on main shop floor. The fuse box should be accessible in the shop.

Plumbing

Sinks: 1 stainless steel deep slop sink with gooseneck faucet and blade handles
Drink, Fountain: 1 bubbler
Gas hook ups: No requirements
Floors/Drains: Near sink

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher workstation and 12 student workstations
Data Ports: 15
Network: Hardwired, wireless, broadband internet
Peripherals: Printer, access to copy machine and fax,

Physical SpaceType: **Gymnasium**

Number: 1

Estimated Square Feet: 7,200

Individual Room Square Feet: 7,200

NJ FES: N/A

Class size/Teachers/Staff: 48/2/0

Type of Construction: New

Description of Function

The gym will be used for all grades, serving ages 4-14. All students will learn to utilize safe, efficient and effective movement. They will learn to apply health-related (cardio respiratory endurance, body composition, flexibility, muscular strength, and muscular endurance) and skill-related (speed, agility, reaction time, coordination, and power) fitness concepts to develop and maintain a healthy, active lifestyle. After school recreational and community activities such as league basketball, athletic events, dances, and other activities will take place here. The facility should be designed to serve the increasing needs of students and the community.

Spatial Relationship

Must be accessible for evening activities and public access outside normal school hours.
Should be adjacent to locker areas.

Special Features

Provide direct access to outside from Gym space. Gym can be divided into 2 gym stations by a heavy drop-down vinyl curtain. Each gym station should have access to adjoining storage. There should be a drinking fountain provided outside of the gym, but clearly visible from within. Lighting must function to meet multi-purpose aspects of the space. Lighting must have the option to be dimmed. Provide floor plates for 2 volleyball nets when bleachers are contracted and floor plates for 1 volleyball net when bleachers are extended. Key-operated Motorized bleachers on one side of longitudinal walls flanking central basketball courts. Provide sufficient out-of-bounds for player safety and spectator circulation to and from bleachers. Markings on the gymnasium floor should be in accordance with National Federation rules and include both a spectator volleyball court and spectator basketball court. The Gym should contain 1 full size court and 2 half-size courts. There should also be space provided for a climbing wall. Have an early childhood bathroom adjoining gym. The gym should have a separate HVAC system for use on weekends.

Equipment & Furnishing Criteria**Installed Equipment**

- *Key operated retractable bleacher system seating 300*
- *Scorer's tables that fit onto the bleachers*
- *One scorer table on each side of the dividing curtain*
- *1 dividing wall operated by key*
- *tempered glass front folding backboards with height adjustments operated by key.*
- *2 main backboards, used for interscholastic play, to be rectangular tempered glass with no glass protruding below basket and operated by key*
- *1 volleyball court in center of floor*
- *2 pull-up bars located in safe places*
- *Climbing wall*

- *Cargo net*
- *1 wireless scoreboard on wall opposite from scorer's table. Scoreboard should be LCD type utilizing bars, not dots.*
- *Two 4'x12' colored tack board displayed (at entrances) in an area of the gym where it will not endanger the students*
- *Fixed Equipment to move cargo nets, & climbing walls.*

Furnishings

None

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: Two Kits that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes and 2 fire extinguishers

Construction Criteria

Architectural

Floors: Hardwood – resilient and non-slip
 Walls: Padding from base to 6' high all around exposed walls where bleachers do not occur. Ground face block.
 Doors: Oversized double entry doors to allow for movement of large equipment
 Ceilings: Acoustical deck
 Ceiling Height: 25'-0" clear to below structure
 Acoustic: Acoustical treatment throughout, plus sound soak board along perimeter
 Considerations: of room even with bottom of structure and 8' below. Also, see Acoustic Considerations in General Building Requirements
 Unique Criteria: None

Mechanical

Heat/AC: Heating
 Ventilation: Per Code

Electrical

Plumbing

Sinks: No requirements
 Drink, Fountain: Drinking fountains located directly outside @ each station
 Gas hook ups: No requirements
 Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
 Communications: Intercom, independent PA system with separate shutoff, CD, radio, and tape capabilities, wireless microphone outlets in appropriate locations, FM wireless, 2 screened clocks.
 Computers: None
 Data Ports: 2
 Network: Hardwired, wireless, broadband internet
 Peripherals: Roll down display screen of 120" diagonal

Physical SpaceType: **Physical Education Storage Room**

Number: 2

Estimated Square Feet: 500

Individual Room Square Feet: 250

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

This area is for storage of gym equipment

Spatial Relationship

This room should be adjoining the Gymnasium. There should be one storage area on each side of the gym divider.

Special Features

Outdoor storage for athletic field equipment adjacent should be close to the exit door for fields.

Equipment & Furnishing Criteria**Installed Equipment**

- *One wall should have floor to ceiling 24" deep casework system with lockable doors.*
- *Other wall with 24" deep adjustable metal shelving*

Furnishings

None

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: None

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural***See NPS guidelines*

Physical Space**Type:** Physical Education Office**NJ FES:** N/A**Number:** 1**Class size/Teachers/Staff:** 0/2/0**Estimated Square Feet:** 300**Type of Construction:** New**Individual Room Square Feet:** 300 (200 sq ft office, 100 sq ft bath/shower)**Description of Function**

This space and planning area for physical education teachers. It should have private adjoining toilet with shower.

Spatial Relationship

This area is located between gym and changing room. There should be one facility Two office openings need to be provided, one on each side of divider to allow for supervision from office.

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *Stall shower, lav and toilet in bath*
- *Bath accessories: towel bar, medicine cabinet and mirror, toilet tissue holder*
- *Lockable teacher wardrobe*
- *Large window opening from office to Gym on each side of divider.*

Furnishings

2 teacher desks
2 Side chair
2 lockable lateral filing cabinet of 4 drawers
2 Lockable metal cabinet

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Office: Rubber flooring Bath: Ceramic
Walls: Water based epoxies on exposed masonry and GWB surfaces
Doors: Magnetically controlled double hung locks and vision panels
Ceilings: 2' X 2' Lay in type ceiling system
Ceiling Height: Per Code
Acoustic: See Acoustic Considerations in General Building Requirements
Considerations:
Unique Criteria: None

Mechanical

Heat/AC: Heating and AC
Ventilation: Per Code

Electrical

Lighting: Per Code, Parabolic, T-8 bulbs
No. Elec. Outlets: 1 per wall
Security System: See Security Systems in General Building Requirements
Special Criteria: None

Plumbing

Sinks: Stainless steel in bathroom
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: 1 in bath

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation
Data Ports: 2
Network: Hardwired internet
Peripherals: Combination copier/fax/printer

Physical SpaceType: **Locker Room with Toilets**

Number: 2

Estimated Square Feet: 1,600

Individual Room Square Feet: 800

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

Locker rooms are used for boys and girls to change for Physical Education classes. They are also used by school sports teams and visiting teams.

Spatial Relationship

Adjacent to gymnasium

Special Features

LOCKER/CHANGING AREA: Should be accessible both from a corridor and directly into the gymnasium. Lockers should be around perimeter of room, with benches in the middle. Lockers should have combination locks. Configuration should avoid the creation of blind spots where teachers can easily observe activities.

TOILET ROOM (girls): 3 shower stalls, 4 sinks, and 3 stalls

TOILET ROOM (boys): 3 shower stalls, 4 sinks, 3 urinals, and 1 stall

Equipment & Furnishing Criteria**Installed Equipment**

- *Tack boards at entrance to locker rooms for Announcements etc.*
- *1 white board for instruction and information on a wall open to locker floor area*
- *Resin topped benches for changing*
- *60 rows of high-density plastic vented triple tiered lockers 12" wide x 18" deep x 60" high for general use (180 lockers).*
- *30 rows of high density plastic vented double tiered lockers 12" wide x 18" deep x 60" high for home team athletic use (60 lockers).*
- *10 rows of high density plastic vented double tiered lockers 12" wide x 18" deep x 60" high for away team athletic use (20 lockers).*

Furnishings

None

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Unique Criteria Lockers to have removable pad locks

Heat/AC:
Ventilation:

Mechanical**Electrical**

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Sinks: As scheduled
Drink, Fountain: By exits, flush with wall
Gas hook ups: No requirements
Floors/Drains: In wet areas

Technology

Cable: N/A
Communications: PA system
Computers: N/A
Data Ports: N/A
Network: N/A
Peripherals: N/A

Physical SpaceType: **Health Demo Room**

Number: 1

Estimated Square Feet: 1,200

Individual Room Square Feet: 1,200

NJ FES: N/A

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Description of Function

This room will be used to teach the basic health concepts including family life, sexual education, nutrition, drug awareness, CPR, and Basic First Aid. Instruction will be lecture, group work, and “hands-on” activities. The secondary function of this room will be to offer alternative PE functions for adaptive PE programs for Special Education, Early Childhood, or any specialized function.

Spatial Relationship

The Health Demo Room should be located in close proximity to the Gymnasium

Special Features

This room will accommodate some physical education activities, it will need two large oversized doors adjoining Gym.

Storage is needed for first aid equipment. The room should be wired for an interactive white board. The counters should be 27”H. The chalkboard should be hung 24” from the floor with taller than standard height to accommodate both adults and children.

Equipment & Furnishing Criteria**Installed Equipment**

- *Minimum of 16 linear ft of Black Board/White Board*
- *A min of 10 feet of tack surface*
- *Padded Walls*

Furnishings

stackable student tables for 4 students each

23 chairs of 16-17”H

tables of approx 24”D x 30”w x 30”H for computer workstations, lockable wheels

1 L-shaped desk and chair, with lockable wheels

1 lateral file cabinet, wheeled

Shelf Storage for a minimum of 200 books, with wheels

Large wardrobe for storage of first aid dummies

1 under-counter refrigerator, at least 6 cubic feet

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Rubber flooring/Multi-Purpose

Walls: NPS Guidelines
 Doors: Magnetically controlled double hung locks and vision panels
 Ceilings: 2' X 2' Lay in type ceiling system
 Ceiling Height: Per Code
 Acoustic Considerations: See Acoustic Considerations in General Building Requirements
 Unique Criteria: None

Mechanical

Heat/AC: Heating and AC
 Ventilation: Per Code

Electrical

Lighting: Per Code, Parabolic, T-8 bulbs
 No. Elec. Outlets: 2 per wall
 Security System: See Security Systems in General Building Requirements
 Special Criteria: None

Plumbing

Sinks: 1 Stainless steel sink in base cabinet
 Drink, Fountain: No requirements
 Gas hook ups: No requirements
 Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
 Communications: Telephone, fax, intercom, and PA system
 Computers: 1 teacher computer workstation and 6 student computer workstations
 Data Ports: 10
 Network: Hardwired, wireless, broadband internet
 Peripherals: Combination copier/ fax/ printer, portable Smart Board

Physical SpaceType: **Library**

Number: 1

Estimated Square Feet: 4,000

Individual Room Square Feet: 4,000

NJ FES: N/A

Class size/Teachers/Staff: 75/0/2

Type of Construction: New

Description of Function

The library is the service center of the school and will serve all teachers and pupils, and support all academic activities of the school. The center will acquire, organize, house, repair, and distribute learning resources to enrich the learning environment. It will also serve as the depository for all printed media and all other informational resources. The library will be used for checking out materials to individuals or groups for use in materials center, room spaces, or at home. Students will learn library and independent research skills, including the application of technology.

Spatial Relationship

Centrally located to all classrooms. The Library should be shielded from the noisy disruptive areas of the building and be accessible in evenings/ weekends for community and parent use.

Special Features

The library should be broken up into 2 seating areas to accommodate the variety of age groups. The first area will be for the lower elementary school and will have seating for 25 Pre-K – 1st grade students and a reading area with moveable amphitheater seating. The second area is for the middle school and will have seating for 25 6 thru 8 grade students and should use the casual reading area. The casual reading area should be furnished with soft, comfortable furniture. Reading areas should provide a means to display materials. Shelf space is figured at one inch per volume. Oversize volumes, e.g. Atlases, Picture Books etc. require that some shelving be adjustable. Elliott Street has a total book collection of 14,000 volumes. Traffic patterns in this space should be structured to allow movement with the least disturbance to people in study areas. The Circulation desk should be near the main entry. Space should be provided at the circulation desk for three workstations for computer use with printer, circulation records, and book checkout security. Security equipment at the entry must be a minimum of ten feet from computer terminals and entry magnetic fields. There will be 6 tutoring rooms of 80 sq ft apiece, each equipped with 2 chairs, a desk, and white board. An Early Childhood bathroom should adjoin the library. Any counters should be 27"H. The white/ chalkboards should be hung 24" from the floor with taller than standard height to accommodate both adults and children.

Equipment & Furnishing Criteria

- *Installed Equipment*

- *Projection screen, electric, ceiling mounted 180 inch diagonal , white matte*
- *Three lin ft of marker board close to entrance*
- *Tackable wall surface*
- *Charging desk of normal desk height (30" high) near entrance, with ADA counter space and low counter for Early Childhood accomodations.*

- ***Tutoring ROOM: As much white board as one wall can accommodate, each room is 75 square feet. This is square footage allotment is not included in 4,000 sq ft allotted to Library.***

Furnishings

Book return.

Book carts

Rolling step stools for stack area

5 round tables of approx. 42" diameter and 20"H

6 round tables of approx 48" diameter and 30"H

25 chairs 15"H

35 chairs 18"H (25 for general seating, 10 for research computers)

2 tables approx. 24"D x 30"W x 30"H for catalog computers and 18"H chairs

1 tables approx. 24"D x 30"W x 20"H for catalog computers and 15"H chair

10 tables approx. 24"D x 30W x 30"H for research computers

6 self-study approx. 24" D x 30-36"W x 30"H carrels

1 42" round picture book table

2 picture book display areas

3 listening stations with headphones

Easy chairs, beanbags, and other soft seating for casual reading area

Carpeted, wooden, moveable auditorium seating for elementary reading area, accommodates 18

42" high shelving for 3,456 books (32)

60" high shelving for 8,352 books (58)

69" high shelving for 2,180 books (12)

1 circular shelving for 32 volumes, 24 " diameter

Periodical shelving units to display 50 periodicals

2 lockable display cases

4 Tutoring Room: (Acoustical Divider, if possible when rooms are adjoining.), if room is not visible from circulation desk a security monitor or web cam device needs to be installed.

2 chairs

1 table 54" long

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes and 2 fire extinguishers

Construction Criteria

Architectural

Floors: Carpet, tiled

Walls: Water based epoxies on exposed masonry and GWB surfaces

Doors: Magnetically controlled double hung locks and vision panels

Ceilings: 2' X 2' Lay in type ceiling system

Ceiling Height: Per Code

Acoustic See Acoustic Considerations in General Building Requirements

Considerations:

Unique Criteria Library should have blackout capabilities for film presentations. Study rooms should have glass walls for supervision.

Mechanical

Heat/AC:
Ventilation:

Electrical

Lighting:

No. Elec. Outlets: Outlets at 12' center and outlet at each study carrel
Security System: See Security Systems in General Building Requirements
Special Criteria: None

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 10 research computers and 3 computer catalog stations
Data Ports: 50
Network: Hardwired, wireless, broadband internet
Peripherals: 2 large copy machines. 1 high-speed printer with a large duty cycle.
Access to 42" TV with VCR/DVD.

Physical SpaceType: **Library Office/ Workroom**

Number: 1

Estimated Square Feet: 250

Individual Room Square Feet: 250

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

The library workroom supports the acquiring, organizing, repair, and distribution of the learning resources. This space serves as the work place for not only the depository for all printed media but all the other informational resources in the form of audio and video tapes, film and film strips, computer disks and CD-ROM archives.

Spatial Relationship

Within the library complex near the Librarian's office and circulation counter

Special Features

The workroom and office will be used for repair and tagging of books and other media materials. The library should be visible from the workroom through the use of 1/2 glass walls.

Equipment & Furnishing Criteria**Installed Equipment**

- *Ample wall and base cabinets for storage of repair supplies*
- *8 lin ft of counter*

Furnishings

2- 30"x60" folding table

1 L-shaped desk with chairs

2 chairs

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural****Plumbing**

Sinks: 1 stainless steel sink in counter

Drink, Fountain: No requirements

Gas hook ups: No requirements

Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS

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Communications: Telephone, fax, intercom, and PA system
Computers: 2 computer workstations
Data Ports: 3
Network: Hardwired, wireless, broadband internet
Peripherals: Combination fax/ copier/ printer, and one staff use copier

Physical SpaceType: **Library Storage Room**

Number: 1

Estimated Square Feet: 300

Individual Room Square Feet: 300

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

This room provides storage for library materials

Spatial Relationship

The storage room should be adjacent to Library Workroom/ Office

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *Shelving for 300 books*
- *Deep shelving and storage for A/V equipment including storage for 50 laptops and peripherals*
- *Counter space for working and repair*

Furnishings

1 chair

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: None

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Technology**

Cable: None

Communications: Telephone

Computers: 50 laptops for student use

Data Ports: 2

Network: Hardwired broadband internet

Peripherals: Peripherals for 50 laptops (spare parts, etc)

Physical SpaceType: **Computer Lab**

Number: 1

Estimated Square Feet: 900

Individual Room Square Feet: 900

NJ FES: N/A

Class size/Teachers/Staff: 23/1/0

Type of Construction: New

Description of Function

To teach students computer skills and computer assisted instruction procedures. Students will work at computer stations and be instructed through lecture supplemented by audio-visual presentations and teacher demonstrations. The Computer Lab may also be used as a language lab to supplement the instruction of world language.

Spatial Relationship

The Computer Lab should be located within the Library complex.

Special Features

Lighting capability of reducing the light level to as little as 20 foot-candles is needed in order to provide the proper resolution between the room and monitor screen. It is also desirable that students should be able to face/see the teaching station from their computers. Lighting should be either indirect or parabolic to minimize glare in the monitors. Library area should be visible from within the Computer Lab through the use of 1/2 glass walls. This room will have 24 individual carrels for students, each equipped with a set of headphones and a computer. The instructor must be able to supervise all areas of the room at all times. A raised area at the head of the room may be necessary to accomplish this. This room should be wired for an interactive white board. The counters should be 27"H. The chalkboard should be hung 24" from the floor and be taller than standard to accommodate both adults and children.

Equipment & Furnishing Criteria**Installed Equipment**

- *24 study carrels of 24"D x 36"W x 30"H with headphones and returns able to accommodate a computer*
- *Lockable wardrobe for teacher's belongings*
- *Interactive Smart Board*
- *10 linear feet of standard white board*
- *Min of 6 linear feet of built in lockable cabinets for software and paper supplies.*
- *Min of 10 feet tack surfaces*
- *Storage to accommodate a minimum of 200 books*

Furnishings

24 ergonomic chairs 16"-17"H

1 L-shaped desk with chair

1 Digital scanner

1 Color laser printer

Digital projector with teacher workstation

2 printer stations

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural****Technology**

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 teacher computer workstation and 24 student computer workstations
Data Ports: 30
Network: Hardwired, wireless, broadband internet
Peripherals: Access to LCD projector and other video equipment. Each computer should have 21" monitors and DVD burners and each carrel should be equipped with headphones. See above for additional peripherals.

Physical Space

Type: OT/ PT Room

Number: 1

Estimated Square Feet: 800

Individual Room Square Feet: 800

NJ FES: N/A

Class size/Teachers/Staff: 8/1/0

Type of Construction: New

Description of Function

This is a “pull-out” program for occupational and physical therapy sessions either in small groups or a one-on-one basis.

Spatial Relationship

This area should be centrally located in the building and in close proximity to the Child Study Team Office if possible.

Special Features

Because of the nature of physical and occupational therapy, the room should be divided into two separate areas with the use of an acoustical wall. Physical therapy should be allocated 500 sq ft and occupational therapy should be allocated 300 sq ft.

The OT/PT Room should have a Family Bathroom (one person handicapped bathroom) in close proximity.

Equipment & Furnishing Criteria**Installed Equipment****PHYSICAL THERAPY:**

- *1 ramp*
- *1 ceiling mounted swing*
- *1 large full wall mirror*
- *Space to store equipment like wheelchairs and walkers*
- *A min of 10 feet of storage/ shelving as possible. Provide a large variety of storage, with some deeper shelving.*
- *1 panel of hooks to accommodate PT pulls, etc.*
- *min of 10 feet of tack surfaces*
- *one lockable coat closet*

OCCUPATIONAL THERAPY:

- *A min of 10 feet of storage/shelving. Provide a variety of storage, with some deeper shelving, counter sink*

Furnishings**PHYSICAL THERAPY:**

- 1 mat table with adjustable height
- 1 weight rack
- 1 treadmill
- 1 L-shaped desk and chair
- 2 chairs of 15”
- 2 chairs of 18”

1 lateral file cabinet of 4 drawers

OCCUPATIONAL THERAPY:

1 therapy table with adjustable height
1 sand table
1 wall mounted pegboard
1 small mirror
1 heating pad station
1 L-shaped desk and chair
2 chairs of 15"
2 chairs of 18"
1 lateral file cabinet of 4 drawers
1 computer workstation
1 lockable coat closet
1 mat table

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria

Architectural

Unique Criteria None

Electrical

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation with touch screen and headphones and 1 teacher computer workstation
Data Ports: 5
Network: Hardwired, wireless, broadband internet
Peripherals: Printer

Physical SpaceType: **Faculty Dining/**

Number: 1

Estimated Square Feet: 600

Individual Room Square Feet: 600

NJ FES: N/A

Class size/Teachers/Staff: 0/0/35

Type of Construction: New

Description of Function

This area serves as dedicated space for faculty dining. It may also serve as an informal faculty meeting place. The Faculty Dining Room will also serve as part of the Staff Development Suite. It can be used for larger staff development workshops, informational sessions and smaller lectures.

Spatial Relationship

This room should be located next to the kitchen for access to food services. The room should also be adjoining the Program Facilitator's Office and the Staff Development Workroom.

Special Features

The possibility for additional storage of teachers' belongings directly outside the Faculty Dining Room should be considered. Storage would be in the form of single or double tired lockers.

There should be a faculty toilet room adjoining the Faculty Dining Room.

Equipment & Furnishing Criteria**Installed Equipment**

- *Kitchenette with stainless steel sink, and microwave*
- *Counter for coffee maker*
- *Shelf for microwave*
- *Area for at least 1 vending machine*
- *16 cu ft refrigerator with icemaker*
- *1 microwave oven*
- *1 large wardrobe for coats*

Furnishings

24 Stackable chairs

6 48"- 60" round tables

2 computer tables with chairs

1 storage cabinet

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural
Plumbing**

Sinks: 1 stainless steel in kitchenette, Adjoining toilet room
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: In toilet rooms

Technology

Cable: NPS TECH SPECS
Communications: Telephone, intercom, and PA system
Computers: 2 computer workstations
Data Ports: 15
Network: Hardwired, wireless, broadband internet
Peripherals: 1 combo copier/printer, 1 25" TV with DVD/VCR

Physical SpaceType: **Main Reception/ Secretary**

Number: 1

Estimated Square Feet: 600

Individual Room Square Feet: 600

NJ FES: N/A

Class size/Teachers/Staff: 0/0/4

Type of Construction: New

Description of Function

This space is for the main reception of students, teachers, parents, and visitors to the school. The reception should be the central point for control of visitors to the school. It is also for the general clerical activities of the secretary such as office work, bookkeeping, record keeping, typing, copying, and school fund accounting.

Spatial Relationship

The main reception should be located adjacent to the lobby or main entrance of the school. It needs simple access by parents, staff, and students

Special Features

There should be visual access to the main entrance and corridors. The principal should have visual access to the majority of the main office. Staff mailboxes (100+) should be located directly outside the main office and be lockable. The space consists of the following areas: WAITING AREA: a small space to welcome parents and staff, CLERICAL/ SECRETARIAL AREA: a workroom for the clerical activities described above. Location of all building system information boards: fire alarm panels, master emergency alarm system, intercom center, cable TV monitor, and main telephone switchboard. The principal's secretary should have a cubicle area.

Equipment & Furnishing Criteria**Installed Equipment**

- *Handicapped height counters for students and wheelchair bound individuals between waiting and clerical.*
- *Mailbox system for teachers and staff, min of 70 mailboxes*
- *safe*
- *lockable coat closet*
- *min of 10 feet of tack surfaces*

Furnishings

WAITING AREA:

6 waiting chairs (4 adult size chairs, 2 chairs of 17"H)

1 side table

CLERICAL:

3 L-shaped desks and ergonomic chairs

1 cubicle area for principal's secretary with 1 L-shaped desk and ergonomic chair

A minimum of 8 filing cabinets of 4 drawers each

Storage cabinets

School safe

A stand or counter for the employee time log.

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet, tiled
Acoustic: Offices should be sound isolated from adjoining spaces. See Acoustic
Considerations: Considerations in General Building Requirements
Unique Criteria: None

Mechanical

Heat/AC:
Ventilation:

Electrical

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Toilet Room adjoining Main Office and Principal's Office
Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, main telephone switchboard and PA system
Computers: 4 computer workstations
Data Ports: 6
Network: Hardwired, wireless, broadband internet
Peripherals: 2 printers, copy machine, fax machine

Physical SpaceType: **Reception Storage/ Workroom**

Number: 1

Estimated Square Feet: 200

Individual Room Square Feet: 200

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

This is a space that will be used both for storage and as an additional workspace for the clerical staff. Clerical staff activities are general office work, bookkeeping, record keeping, typing, copying, and school fund accounting.

Spatial Relationship

This space should be adjacent to the Reception/ Secretary area.

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *Two walls of counters with base cabinets for supplies and equipment*
- *Adjustable shelving for supplies and equipment*
- *min of 10 feet of tack surfaces*

Furnishings

One chair

1 refrigerator

1 microwave oven

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Unique Criteria None

Mechanical

Heat/AC:

Ventilation:

Electrical

Lighting:

No. Elec. Outlets:

Security System:

Special Criteria:

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Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: None
Communications: Telephone, intercom, and PA system
Computers: N/A
Data Ports: 2
Network: Hardwired, broadband internet
Peripherals: Copy machine, Large high speed copier

Physical SpaceType: **Principal's Office**

Number: 1

Estimated Square Feet: 200

Individual Room Square Feet: 200

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

This space should support the Principal in his/her role as the manager of the school and allow with interaction with parents, staff, and students. The office should take account the confidential nature of Principal-staff and Principal-parent relations.

Spatial Relationship

This space should be located adjacent to the lobby or main entrance to the school. The office should be adjoining or adjacent to a conference room. It needs simple access by parents, staff, and students.

Special Features

The office of the Principal should provide privacy as it is often used as a space for individual or small group conferences. The office should have visual access to the main office, through half glass walls and if possible, there should be a direct line of sight between the office and the location of the employee time log. The office is also used for private telephone calls, storage of professional publications, reports and records that are frequently used in the conducting of everyday school business.

The office should have an adjoining private toilet room.

Equipment & Furnishing Criteria**Installed Equipment**

None

Furnishings

1 executive desk and chair
3 side chairs
2 lateral files of 4 drawers each
Executive book shelving
Showcase shelves
1 Wardrobe unit

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet Tiles

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Acoustic Office should be sound isolated from adjoining spaces. See Acoustic
 Considerations: Considerations in General Building Requirements
 Unique Criteria None

Mechanical

Heat/AC:
 Ventilation:

Electrical**Plumbing**

See Main Office

Sinks: No requirements
 Drink, Fountain: No requirements
 Gas hook ups: No requirements
 Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
 Communications: Telephone, fax, intercom, and PA system
 Computers: 1 computer workstation
 Data Ports: 2
 Network: Hardwired, wireless, broadband internet
 Peripherals: Combination fax/printer/copier, 1 25" TV with DVD/VCR, Access to
 LCD projector and other video equipment

Physical SpaceType: **Program Facilitator's Office**

Number: 1

Estimated Square Feet: 125

Individual Room Square Feet: 125

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

The Program Facilitator has the responsibility for implementing the Whole School Reform model as well as staff development and literacy coaching. The Facilitator helps to implement the school model as well as provide teachers with information and coaching regarding professional development. The Facilitator helps to organize workshops and training sessions, and acts as a liaison between teachers, administrators, and families.

Spatial Relationship

This office should be part of the Staff Development Suite. The office should be adjoining the Staff Development Workroom and the Faculty Dining Area if possible.

Special Features

The space is both a library for the distribution of daily materials to all instructors and a working office for facilitator to interact with all instructors and monitor programs.

Equipment & Furnishing Criteria**Installed Equipment**

- *2'x3' tack board for Announcements*
- *1 lockable coat closet*

Furnishings

1 L-shaped desk with chair

1 side chair

1 lateral file of 2 drawers

Storage shelves designed to accommodate reading material

1 lockable wardrobe for personal belongings

A min of 10 feet of additional storage space as possible for reference materials

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Acoustic Office should be sound isolated from adjoining spaces. See Acoustic

Considerations: Considerations in General Building Requirements

Unique Criteria None

Heat/AC:
Ventilation:

Mechanical**Electrical**

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: Combo printer/ copier

Physical SpaceType: **Technology Coordinator's Office**

Number: 1

Estimated Square Feet: 125

Individual Room Square Feet: 125

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

The technology coordinator oversees the technology infrastructure of the school. The office will serve as headquarters for technology related issues. The technology coordinator will use this office for the following purposes/ activities: tracking technology maintenance problems, technology infrastructure inventory, etc.

Spatial Relationship

This space should be located in close proximity to the Technology Lab and other computer labs. It is also preferred that it be near the Library and not located on the first floor of the building.

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *linear ft of counter and base cabinets*
- *4'x4' whiteboard*

Furnishings

1 L-shaped desk with chair

Storage shelves designed to accommodate reading material and equipment

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Floors:

Walls:

Doors:

Ceilings:

Ceiling Height:

Acoustic

Considerations:

Unique Criteria

Mechanical
Electrical

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Sinks: one
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired and wireless, broadband internet
Peripherals: Combo printer and copier

Physical SpaceType: **Security Office**

Number: 1

Estimated Square Feet: 100

Individual Room Square Feet: 100

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

The security office is a place for the reception of students, teachers, parents, and visitors to the school. The space should be the central point of control of visitors to the school.

This shall be the main hub for security cameras and sign in area for visitors to the school.

Spatial Relationship

The office should be located in the lobby or main entrance.

Special Features

Security personnel should be able to survey hallways as much as possible. Walls facing hallway should be glass. A security specialist should be consulted in the design of this area.

Equipment & Furnishing Criteria**Installed Equipment**

- *Counter should be designed such that all built-in equipment can be secured when no guard is present.*
- *This equipment includes:*
- *Security monitors*
- *Computer terminal*
- *Intercom and telephone system to entire building*
- *Built-in file cabinet and counter desk for visitor sign-in*
- *Lockable wardrobe closet*

Furnishings

1 L-shaped desk

2 chairs

Small waiting area with 2 or 3 chairs adjacent to desk for visitors

Wardrobe closet

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural****Mechanical**

Ventilation: Per Code

Electrical

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS. Closed circuit TV for security
Communications: Telephone, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: Small TV's for security monitoring. A combo printer/ copier.

Physical SpaceType: **Main Conference Room**

Number: 1

Estimated Square Feet: 300

Individual Room Square Feet: 300

NJ FES: N/A

Class size/Teachers/Staff: 0/0/0

Type of Construction: New

Description of Function

The conference room is mainly for general staff and meetings with parents

Spatial Relationship

This space should be located adjoining or adjacent the Principal's Office or the Main Office. Needs access by parents, staff, and students

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *Built in counter with base cabinets for general storage of equipment and materials*
- *White board at one end for presentations*

Furnishings

1 oval conference table of 60"D x 156"W x 36"H

12 chairs

1 lockable closet

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet Tiles

Unique Criteria: None

Mechanical

Heat/AC:

Ventilation:

Electrical

Lighting:

No. Elec. Outlets:

Security System:

Special Criteria:

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Intercom, and PA system
Computers: None
Data Ports: 12
Network: Hardwired, wireless, broadband internet
Peripherals: Roll down display screen of 72" diagonal

Physical SpaceType: **Nurse's Suite**

Number: 1

Estimated Square Feet: 725

Individual Room Square Feet: 725

NJ FES: N/A

Class size/Teachers/Staff: 0/0/2

Type of Construction: New

Description of Function

The activities in this area of the nurse's suite will include intake of patients and primary screening for their needs, providing an area for the administration of First Aid, and providing an area for the nurse to keep track of student health records and make telephone calls. The exam room will be used for a variety of activities such as mandated health screening, the administration of first aid, short-term care for students who are ill, emergency treatment, and physical examinations.

Spatial Relationship

Should be located centrally located to allow quick and easy access by students, teachers, and administrators from any area of the building. This area should be located in close proximity to the Main Office, the Security Office, the Health Clinic and the Parent Liaison if possible.

Special Features

Nurse should have visual access to all spaces to properly monitor children within various spaces. There should be an effective communication system to allow the Nurse to quick respond to any incident. WAITING AREA (120 sf): Student waiting area. NURSE'S OFFICE (230 sf): Recording of student health records and telephoning. FIRST AID AREA (135 sf): resting area for ill students. EXAM ROOM (120 sq ft): Nurse should have visual access to all spaces to properly monitor children within the various spaces. Examination room should be a minimum of 12' long to allow for proper vision testing. STORAGE (20 sf): General storage of equipment. TOILET (100 sq ft): One toilet are should be junior size, one toilet should be adult size and handicapped accessible.

Equipment & Furnishing Criteria**Installed Equipment**

- **WAITING:**
- *Tack board for Elliottouncements*
- **FIRST AID AREA:**
- *Privacy curtain track system to subdivide space for privacy*
- *Soap dispenser*
- *Paper towel dispenser*
- *Wall cabinets*
- *Glove Dispenser*
- *Counter with 4" backsplash, sink, and some storage, but an open area below the sink*
- *1 chair*
- *2 cots*
- **EXAM ROOM:**
- *Oto/ Ophthalmoscope*

- *Soap dispenser*
- *Paper towel dispenser*
- *Sphygmomanometer (can be wall mount or portable)*
- *Exam table*
- *Wall cabinets*
- *Glove Dispenser*
- *Counter with 4" backsplash, sink, and some storage, but an open area below the sink*
- *Privacy curtain*

- **OFFICE:**
- *2 larger double lock medication storage cabinets*

- **STORAGE:**
- *None*

- **TOILET:**
- *Toilet*

Furnishings

WAITING AREA:

5 student chairs
1 end table

FIRST AID AREA:

Scale

EXAM ROOM:

Sharps container
1 soiled container

OFFICE:

2 L-shaped desks and chairs
2 lateral file cabinets of 4 drawers each
2 side chairs
2 bookshelves

STORAGE:

A min of 10 feet of adjustable metal shelving as possible

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
First Aid Kits: One lockable kit that includes synthetic gloves
Smoke Detectors: Dual heat and smoke
Sprinklers: Yes

Construction Criteria

Architectural

Ceilings: 2' X 2' Lay in type ceiling system
Ceiling Height: Per Code

Heat/AC:
Ventilation:

Mechanical**Electrical**

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Sinks: 1 stainless steel sink in the exam room, first aide area, and both
bathrooms (4 total).
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: None
Communications: Telephone, fax, intercom, and PA system
Computers: 2 computer workstations
Data Ports: 4
Network: Hardwired broadband internet
Peripherals: Combination printer and copier

Physical Space

Type: **Student Services Reception/Secretary** NJ FES: N/A
 Number: 1 Class size/Teachers/Staff: 0/0/1
 Estimated Square Feet: 225 Type of Construction: New
 Individual Room Square Feet: Reception – 100 sq ft, Secretary – 125 sq ft.

Description of Function

This space is for the reception of students, teachers, parents, and visitors to student services. The reception should be the central point for control of visitors to this area. It is also for the general clerical activities of the student services secretary such as office work, bookkeeping, record keeping, typing, copying, and accounting.

Spatial Relationship

This office should be the reception area for the Child Study Team Offices, the Drop Out Prevention Office, the Crisis Intervention Office, the Social Worker's Office, and the Parent Liaison Office.

Special Features

The space consists of the following areas: WAITING AREA: a small space to welcome parents, students, and staff, CLERICAL/SECRETARIAL AREA: a workroom for the clerical activities described above.

Equipment & Furnishing Criteria**Installed Equipment**

- *Handicapped height counters for students and wheelchair bound individuals between waiting and clerical.*

Furnishings

WAITING AREA:

3 chairs (2 adult size, 1 chair 23"H)

Magazine display

CLERICAL:

1 L-shaped desk and chair

2 lateral filing cabinets of 4 drawers each

Storage cabinets for supplies and equipment

Shelving for reference materials

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Doors: Magnetically controlled double hung locks and vision panels

Ceilings: 2' X 2' Lay in type ceiling system

Mechanical

Heat/AC:
Ventilation:

Electrical

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria:

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: 1 printer, copy machine, and fax

Physical SpaceType: **Social Worker Office**

Number: 1

Estimated Square Feet: 125

Individual Room Square Feet: 125

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

This office space is for the school social worker. The space will be used by the social worker to meet with parents, guardians and students.

Spatial Relationship

This area should be within the student services area. The office should have easy access by parents, teachers, and students. The Social Worker should also be in close proximity to Child Study Team Offices.

Special Features

The social workers office will often be used for confidential interviews with students and parents and should provide privacy. Office will be used for private telephone calls, storage of professional publications, reports and records that are frequently used in the conducting of everyday social work activities.

Equipment & Furnishing Criteria**Installed Equipment**

- *Lockable Wardrobe*

Furnishings

1 L-shaped desk and chair
 2 lateral files of 4 drawers each
 1 lockable coat closet
 1 side chair of adult size
 1 side chair of smaller size for children
 A min of 10 feet of additional shelving for reading materials

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: None
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes

Construction Criteria**Architectural**

Unique Criteria None

Mechanical

Heat/AC:
 Ventilation:

Electrical

Lighting:
No. Elec. Outlets:
Security System:
Special Criteria: None

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: Combination printer and copier

Physical Space**Type:** Child Study Team Office**Number:** 3**Estimated Square Feet:** 375**Individual Room Square Feet:** 125**NJ FES:** N/A**Class size/Teachers/Staff:** 0/0/1**Type of Construction:** New**Description of Function**

This is office space for the Child Study Team. The offices of the CST are places that serve students, teachers, and parent visitors to the school. These offices will be used by the Child Study Team for individual and small group sessions, conferences with staff, parents, and students. Testing for children classifications will occur here.

Spatial Relationship

The Child Study Team Suite should be located within the student services area and in close proximity to the Social Worker. The rooms should be easily accessible by parents, staff, and students. The Offices should be located in close proximity or adjacent to a storage area for secure filing and a testing area of 100 sq ft. Additionally, the office should be located in close proximity to a conference room if possible.

Special Features

The CST offices will often be used for confidential interviews with students and parents and should provide privacy. The office will be used for private telephone calls, storage of professional publications, reports and records.

Equipment & Furnishing Criteria**Installed Equipment**

- *Lockable teacher wardrobe*

Furnishings

1 L-shaped desk with returns to accommodate computer terminals and chair
 6 vertical drawer file cabinets of 4 drawers each with locks
 2 side chairs
 A min of 10 feet of additional shelving for reference materials

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide
 First Aid Kits: One lockable kit that includes synthetic gloves
 Smoke Detectors: Dual heat and smoke
 Sprinklers: Yes

Construction Criteria**Architectural**

Floors: Carpet
 Walls: Water based epoxies on exposed masonry and GWB surfaces
 Doors: Magnetically controlled double hung locks and vision panels
 Ceilings: 2' X 2' Lay in type ceiling system
 Ceiling Height: Per Code

Acoustic Spaces should be sound isolated from adjoining spaces. See Acoustic
Considerations: Considerations in General Building Requirements
Unique Criteria Testing areas should be windowless with 1 way glass on doors

Mechanical

Heat/AC: Heating and AC
Ventilation: Per Code

Electrical

Lighting: Per Code, Parabolic, T-8 bulbs
No. Elec. Outlets: One per wall
Security System: See Security Systems in General Building Requirements
Special Criteria: None

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: None
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: 1 combination printer and copier

Physical SpaceType: **Community Service Coordination Office/Parent Liasion**

Number: 1

Estimated Square Feet: 525

Individual Room Square Feet: 525

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

This Office will be used by the Home and School Association as a home base to plan, coordinate and implement their programs.

Spatial Relationship

This office should be located within the student service area. Should be easily accessible to parents, staff, and students.

Special Features

None

Equipment & Furnishing Criteria**Installed Equipment**

- *Tack space, min of 5 feet*
- *Lockable wardrobe*

Furnishings

1 L-shaped desk and chair

1 lateral file of 4 drawers

1 side chair of adult size

1 side chair of smaller size for children

A min of 10 feet of additional shelving as possible for reference materials

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: One lockable kit that includes synthetic gloves

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Floors:

Walls:

Doors:

Ceilings:

Ceiling Height:

Acoustic

Considerations:

Unique Criteria

Mechanical

Heat/AC:

Ventilation:

Electrical

Lighting:

No. Elec. Outlets:

Security System:

Special Criteria:

Plumbing

Sinks: No requirements

Drink, Fountain: No requirements

Gas hook ups: No requirements

Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS

Communications: Telephone, fax, intercom, and PA system

Computers: 1 computer workstation

Data Ports: 2

Network: Hardwired broadband internet

Peripherals: 1 combination printer and copier

Physical SpaceType: **Crisis Intervention Office**

Number: 1

Estimated Square Feet: 125

Individual Room Square Feet: 125

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

This is the office for the crisis intervention counselor. The Crisis Intervention Counselor offers professional assistance to students and parents who find themselves in a crisis situation due to medical, financial, social, or legal issues.

Spatial Relationship

This room should be located within the student services area and be easily accessible by parents, staff, and students.

Special Features

Due to the nature of the activities of this office, privacy should be a consideration.

Equipment & Furnishing Criteria**Installed Equipment**

- *Lockable wardrobe*
- *Min of 5 feet of tack surfaces*

Furnishings

1 L-shaped desk with returns to accommodate computer terminals and chair

1 lateral file of 2 drawers

2 side chairs

A min of 10 feet of shelving as possible for reference materials

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: None

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Unique Criteria None

Mechanical

Heat/AC:

Ventilation:

Electrical

Lighting:

No. Elec. Outlets:

Security System:

Special Criteria: None

Plumbing

Sinks: No requirements

Drink, Fountain: No requirements

Gas hook ups: No requirements

Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS

Communications: Telephone, fax, intercom, and PA system

Computers: 1 computer workstation

Data Ports: 2

Network: Hardwired broadband internet

Peripherals: 1 combination printer and copier

Physical SpaceType: **Dropout Prevention Office**

Number: 1

Estimated Square Feet: 125

Individual Room Square Feet: 125

NJ FES: N/A

Class size/Teachers/Staff: 0/0/1

Type of Construction: New

Description of Function

This is the office for the Dropout Prevention or Attendance counselor. The counselor will use the office for student counseling purposes, attendance tracking and meetings with parents.

Spatial Relationship

The office will be located close to MS Guidance.

Special Features

Due to the nature of the activities of this office, privacy should be a consideration.

Equipment & Furnishing Criteria**Installed Equipment**

- *Tack space, min of 5 feet*
- *Lockable wardrobe*

Furnishings

1 L-shaped desk with returns to accommodate computer terminals and chair

1 lateral file of 4 drawers

2 side chairs

A min of 10 feet of additional shelving as possible for reference materials

Fire, Health and Safety Equipment

Alarms: Fire and Carbon Monoxide

First Aid Kits: None

Smoke Detectors: Dual heat and smoke

Sprinklers: Yes

Construction Criteria**Architectural**

Unique Criteria None

Mechanical

Heat/AC:

Ventilation:

Electrical

Lighting:

No. Elec. Outlets:

Security System: See Security Systems in General Building Requirements

Special Criteria: None

Plumbing

Sinks: No requirements
Drink, Fountain: No requirements
Gas hook ups: No requirements
Floors/Drains: No requirements

Technology

Cable: NPS TECH SPECS
Communications: Telephone, fax, intercom, and PA system
Computers: 1 computer workstation
Data Ports: 2
Network: Hardwired broadband internet
Peripherals: 1 combination printer/copier

APPENDIX

DIVISION II

SECTION 11400

FOOD SERVICE EQUIPMENT

(SCHEMATIC DESIGN PHASE)

PART I - GENERAL

1.01 GENERAL REQUIREMENTS:

A. Scope

1. The food service system proposed is a conventional system which basically involves the preparation and finishing of all food items on premises.
2. The facility designed as a single level operation. That is, receiving, storage, meat and dairy food preparation, cooking, pot washing, cafeteria services and dishwashing shall be all on one level.

1.02 WORK OF THIS SECTION

- A. The following items included in this section shall consist of all labor, material, etc., necessary to furnish and install into the project ready for mechanical electrical connection all items noted.
- B. All kitchen equipment indicated on the drawings and listed in schedule of equipment.

1.03 RELATED WORK

The following items of related work are specified in other sections of the specifications:

- A. Electrical service and connections to kitchen equipment, overload protection requirement, wiring between starters and motors and also between control devices and starters, when starters and controls are not integral with equipment.
- B. Plumbing work and connections, including fittings which are not integral part of equipment, floor drains, water and waste lines to refrigeration compressors, including their connections, and miscellaneous plumbing work except as otherwise specified in this section.
- C. Heating, ventilating and air conditioning, except as otherwise specified in this section.
- D. Concrete, masonry and miscellaneous metals, except as otherwise specified in this section.

- E. Stainless steel corner guards attached to building structure.
- F. Dining tables, chairs, cash registers, cashier's stools, pots, pans, dishes, glassware, trays, silverware will be provided by the Owner, unless otherwise specified under this section.

PART 2 - PRODUCTS

2.01 STANDARD BRANDS

- A. All equipment such as ranges, oven, dishwashers, etc., will be of standard and current manufacture. All standard equipment mechanically operated will bear seal of approval from applicable organizations such as A.S.M.E., U.L., A.G.A., and N.S.F..

2.02 CUSTOM FABRICATED EQUIPMENT

- 1. All custom built equipment will be of the highest quality of stainless steel construction wherever practical and applicable.
- 2. All custom built equipment will be designed and constructed in accordance with standards set forth by the National Sanitation Foundation.

2.03 WALK-IN REFRIGERATORS AND FREEZER

All walk-in refrigerators and freezers are to be of the pre-fabricated type, depressed in slab. Floors to be a continuation of adjacent kitchen floors, level and uninterrupted.

2.04 EXHAUST HOODS:

All kitchen exhaust assemblies (over cooking equipment) to be of the high velocity type, fitted with grease extraction system. Units to be complete with fire extinguishing systems having equipment power shutdown devices (equipment power shutdown devices specified by Others). System shall be designed in accordance with NFPA standards and local codes.

In addition,

Dishwasher accommodation of drains, plumbing and 100 sq feet of space needs to be included.

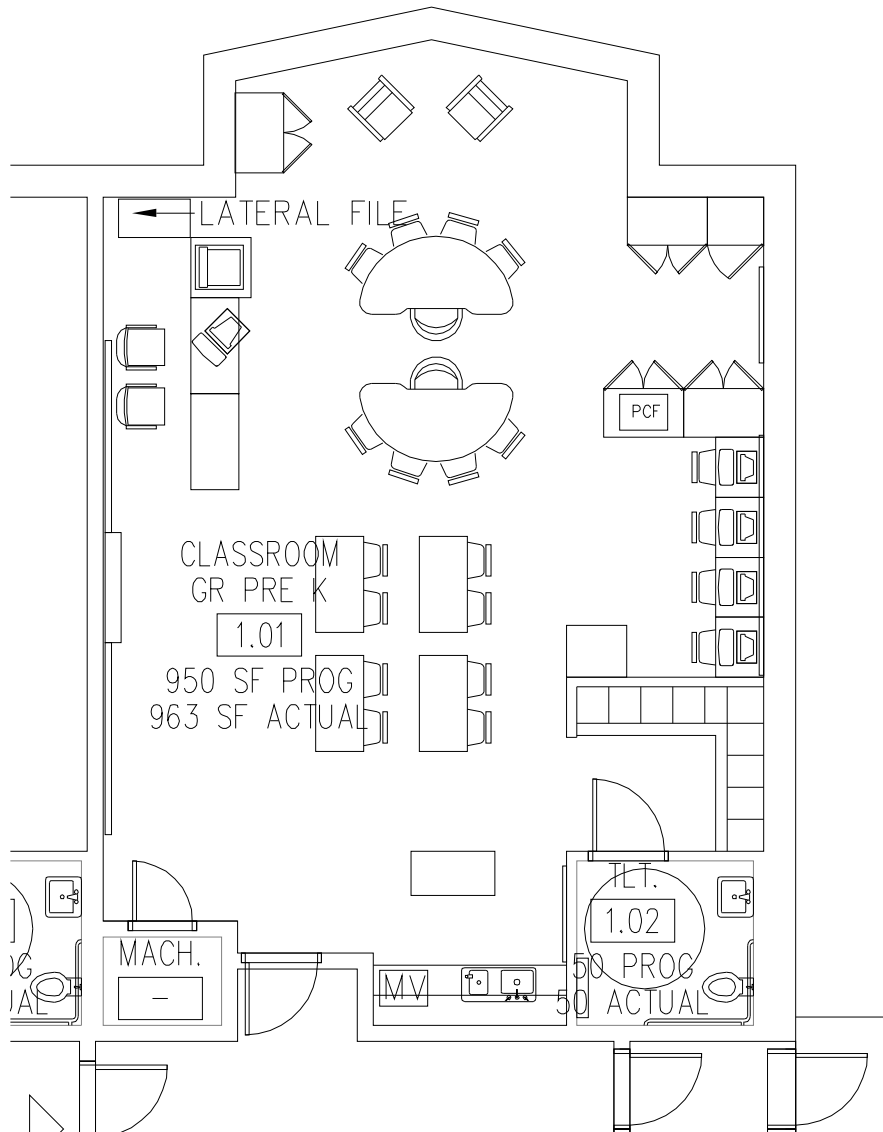
**ELLIOTT STREET SCHOOL
NEWARK, NEW JERSEY****LIST OF EQUIPMENT**

Quantity	Description
1	Receiving Scale
1	Mobile Steam Cleaner
1	Can Rack
1	Can Washer/Mop Sink
1	Hose Bib (NIC; By Plumber)
1	Walk-In Refrigerator
1	Walk-In Freezer
1 Lot	Refrigerator/Freezer Shelving
1 Lot	Storeroom Shelving
1	Hand Sink
1	Prep Table W/Sinks
1	Overshelf
1	Food Cutter
1	Food Cutter Table
1	60 Quart Mixer
1	Work Table
1	Overshelf
1	Slicer
1	Mobile Slicer Stand
2	Work Tables
2	Overshelves
2	Mobile Heated Cabinets
1	Cook's Table W/Sink
1	Utensil Rack
1	Hand Sink
1	Kettle/Steam Combination
1	Trough W/Grating
2	Double Deck Convection Ovens
1	Tilting Skillet
1	Four Burner Range
1	Pot Filler

Quantity	Description
1	Ventilator W/Fire Protection
3	Reach-In Refrigerators
1	Reach-In Freezer
1	Hand Sink
1	Potwashing Sink Unit
1	Wall Shelf
1	Sink Agitator
1	Sink Heater
2	Mobile Pot Racks
1	Hose Bib (NIC; By Plumber)
2	Hot Food Sections
2	Protector Cases
2	Utility Counters
2	Cold Pans
2	Display Cases
2	Cold Beverage Units
2	Cashier's Stations
2	Tray Slides
2	Reach-In Freezers
2	Reach-In Refrigerators
1	Back Counter W/Sink
2	Mobile Heated Cabinets
1	Hank Sink

DOE Submission – FURNITURE PLANS

3.0 Furniture Plans – (1/8" = 1'-0" Scale)



1

1.01 CLASSROOM GR. PRE K (ROOM TYPE 1 & 2)

1/8" = 1'-0"
A101

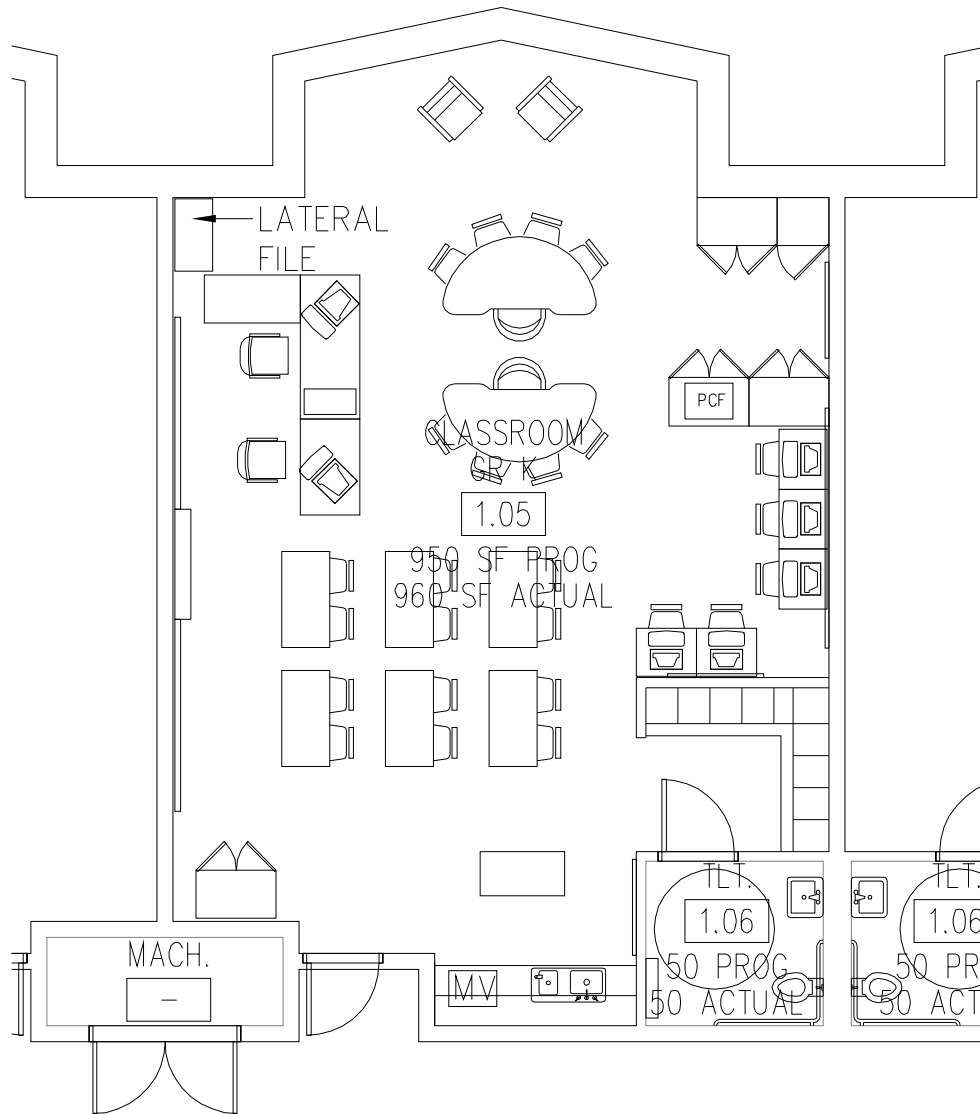
Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 1.01 CLASSROOM
GR. PRE K
(ROOM TYPE 1 & 2)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-001



1

1.05 CLASSROOM GR. K (ROOM TYPE 3 & 4)

1/8" = 1'-0"
A101

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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

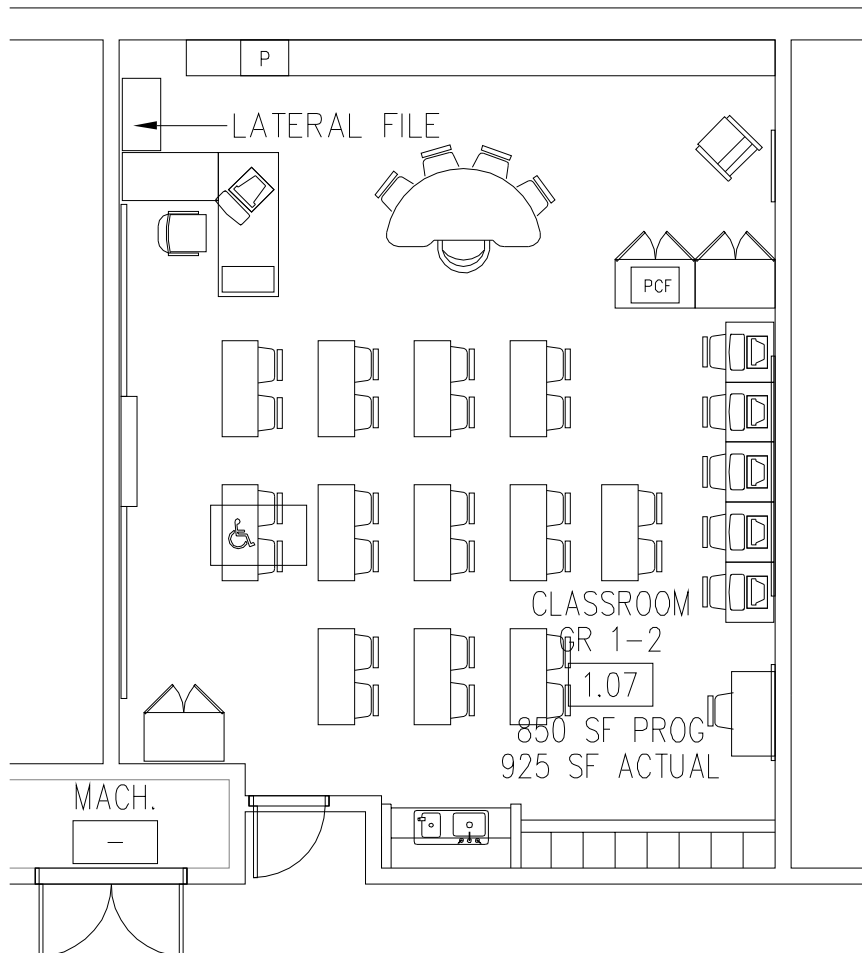
EYP/

PROJECT: Elliott Street School
TITLE: 1.05 CLASSROOM GR. K
(ROOM TYPE 3 & 4)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-002



1

1.07 CLASSROOM GR. 1-2 (ROOM TYPE 5)

1/8" = 1'-0"
A101

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EYP/

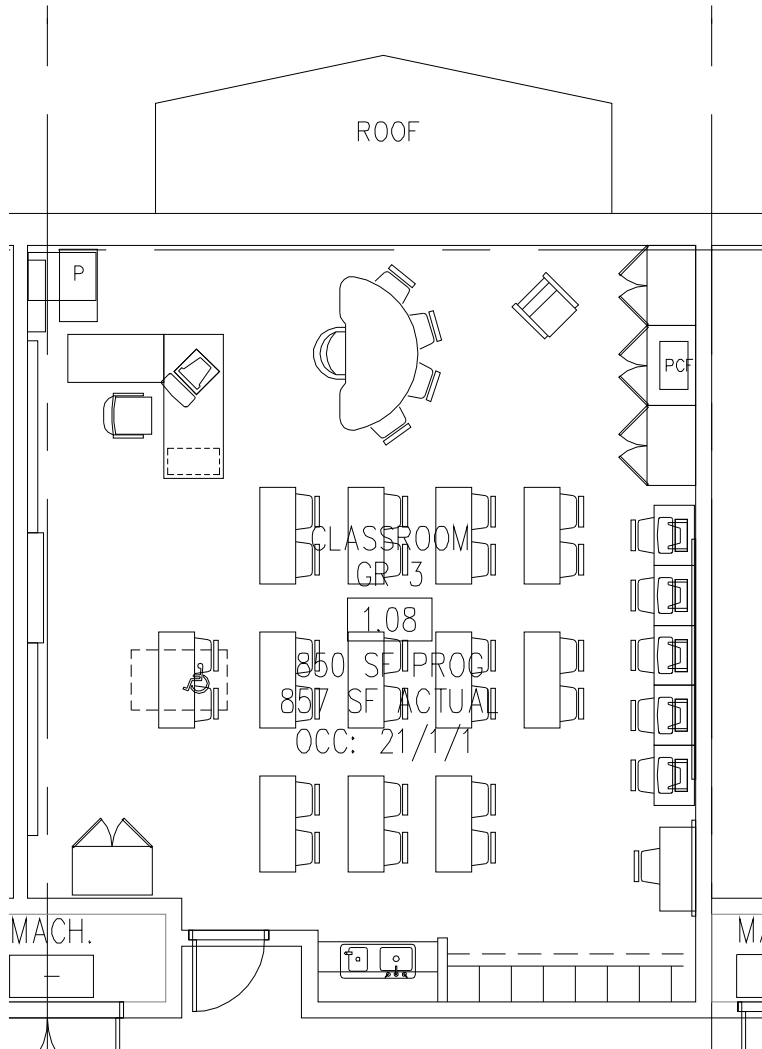
PROJECT: Elliott Street School

**TITLE: 1.07 CLASSROOM GR. 1-2
(ROOM TYPE 5)**

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-003



1

1.08 CLASSROOM GR. 3 (ROOM TYPE 5)

1/8" = 1'-0"
A102

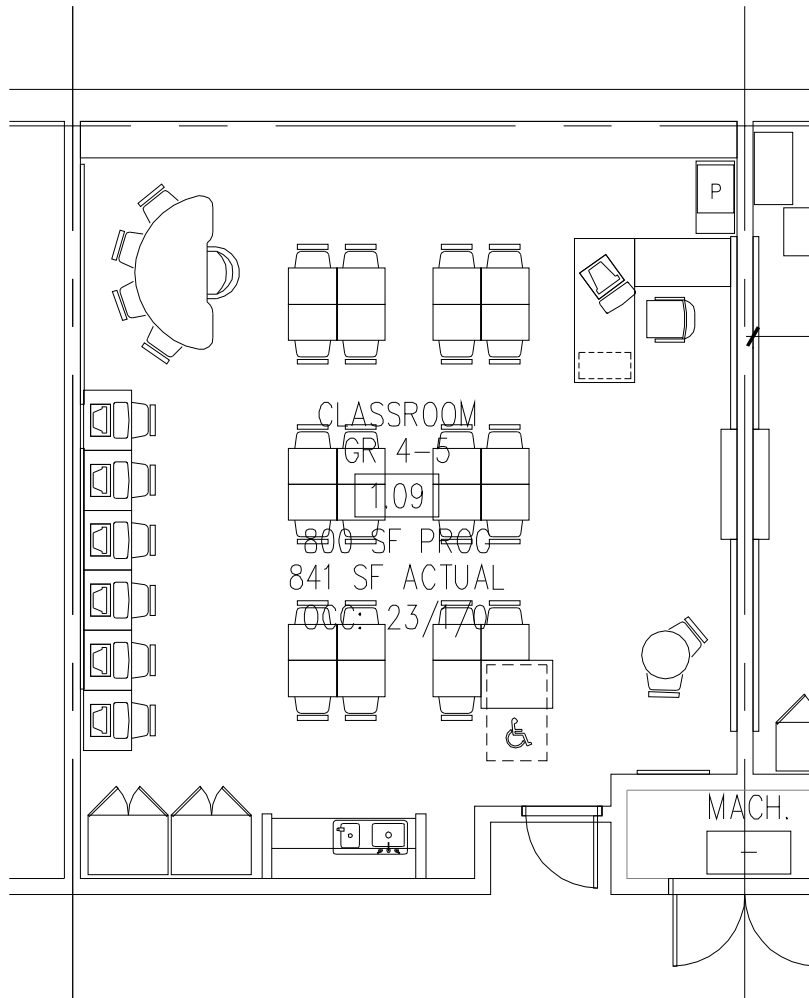
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Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 1.08 CLASSROOM GR. 3
(ROOM TYPE 5)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-004



1

1.09 CLASSROOM GR. 4-5 (ROOM TYPE 6)

1/8" = 1'-0"
A102

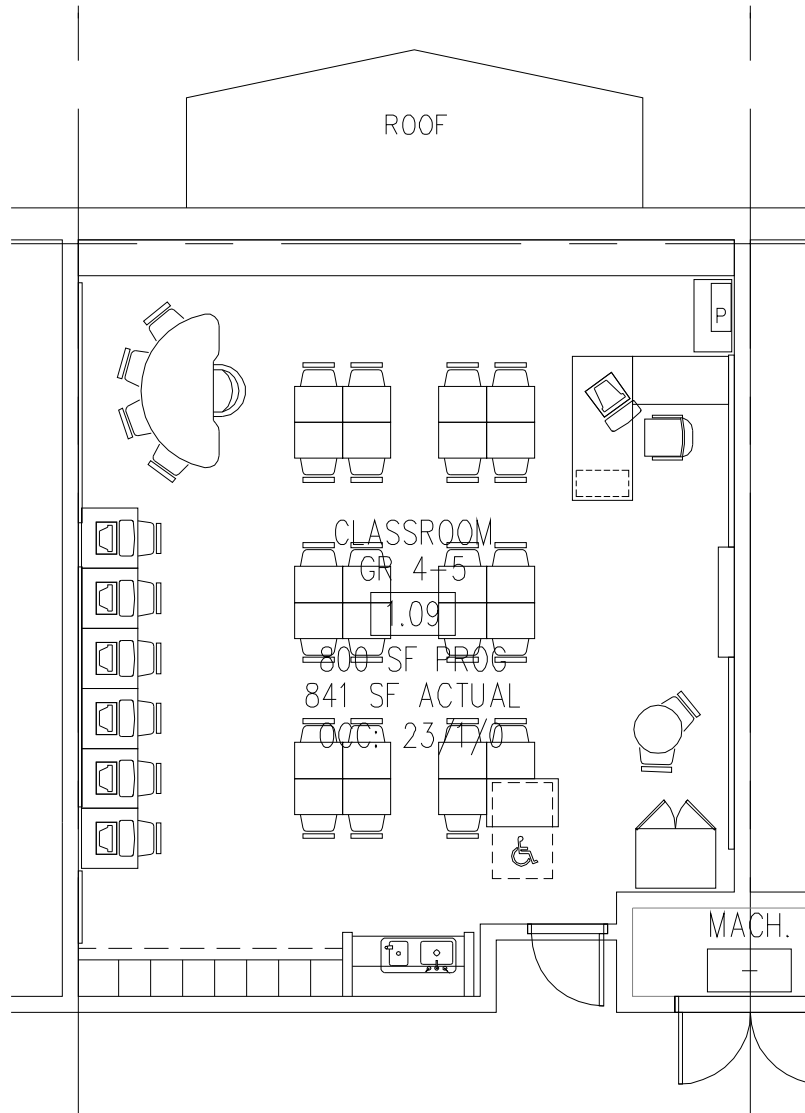
Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 1.09 CLASSROOM
GR. 4-5
(ROOM TYPE 6)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-005



1

1.09 CLASSROOM GR. 4-5 (ROOM TYPE 6)

1/8" = 1'-0"
A102

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Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 1.09 CLASSROOM
GR. 4-5
(ROOM TYPE 6)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-006

1

1.10 ES SE #2 (ROOM TYPE 7 & 8)

1/8" = 1'-0"
A102

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EYP/

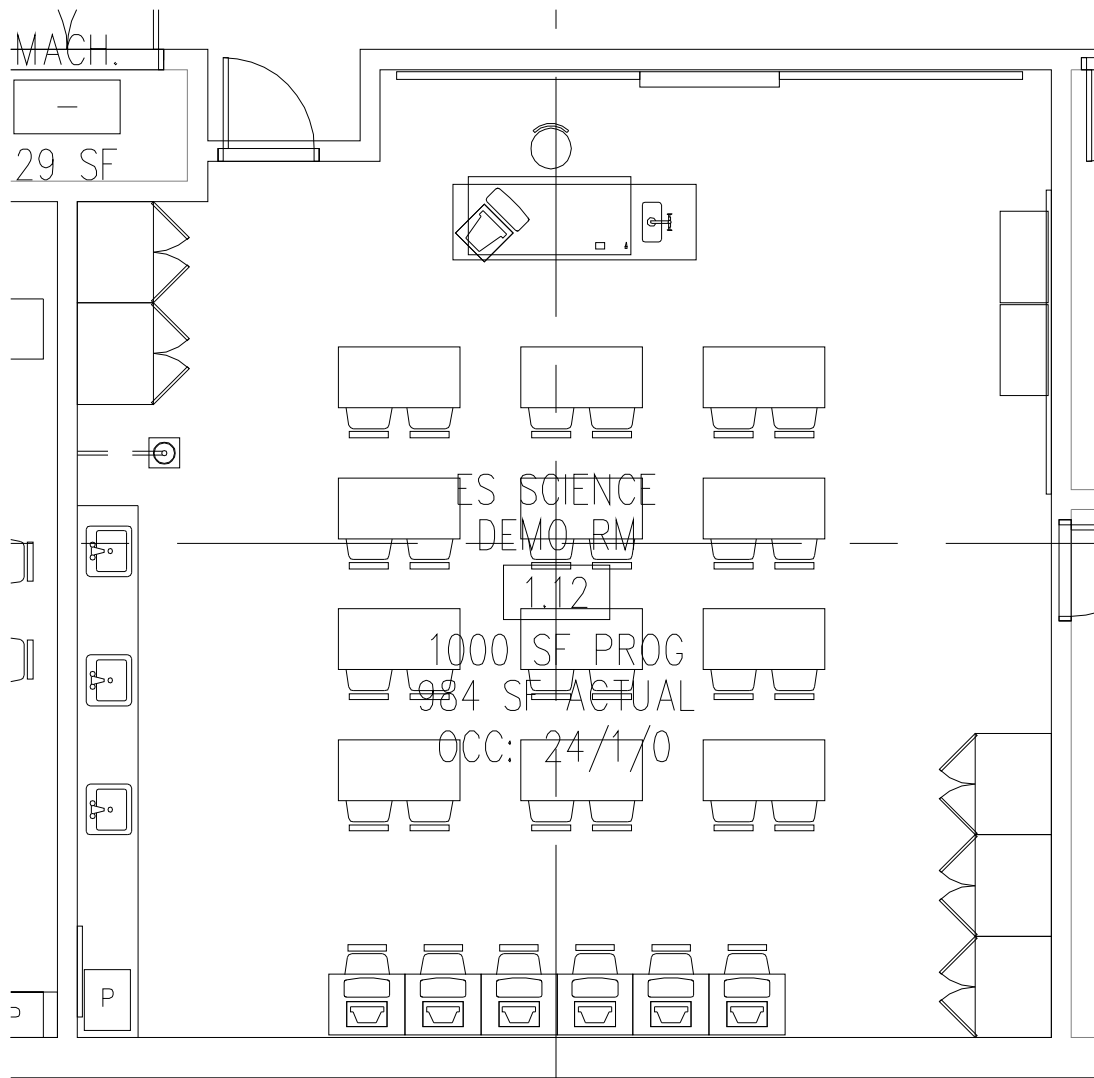
PROJECT: Elliott Street School

TITLE: 1.10 ES SE #2
(ROOM TYPE 7 & 8)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-008



1

1.12 ES SCIENCE DEMO RM (ROOM TYPE 9)

1/8" = 1'-0"
A102

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Fax: 518.431.3333

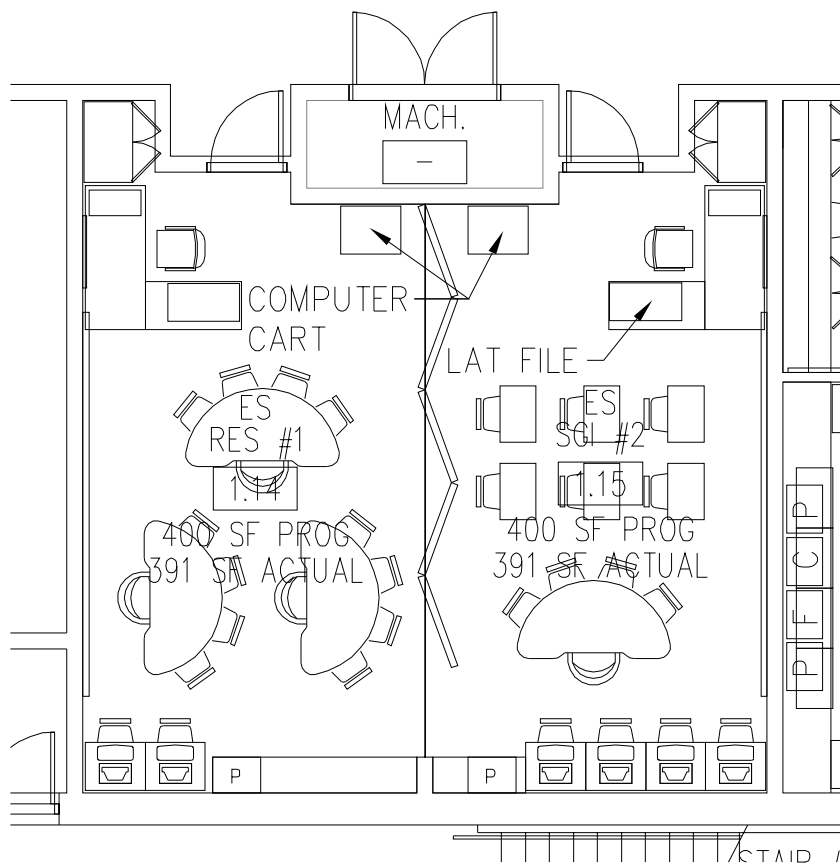
EYP/

PROJECT: Elliott Street School
**TITLE: 1.12 ES SCIENCE
DEMO RM
(ROOM TYPE 9)**

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-009



1

1.14 ES RES #1 / 1.15 ES SGI #2 (ROOM TYPE 10 & 11)

1/8" = 1'-0"
A101

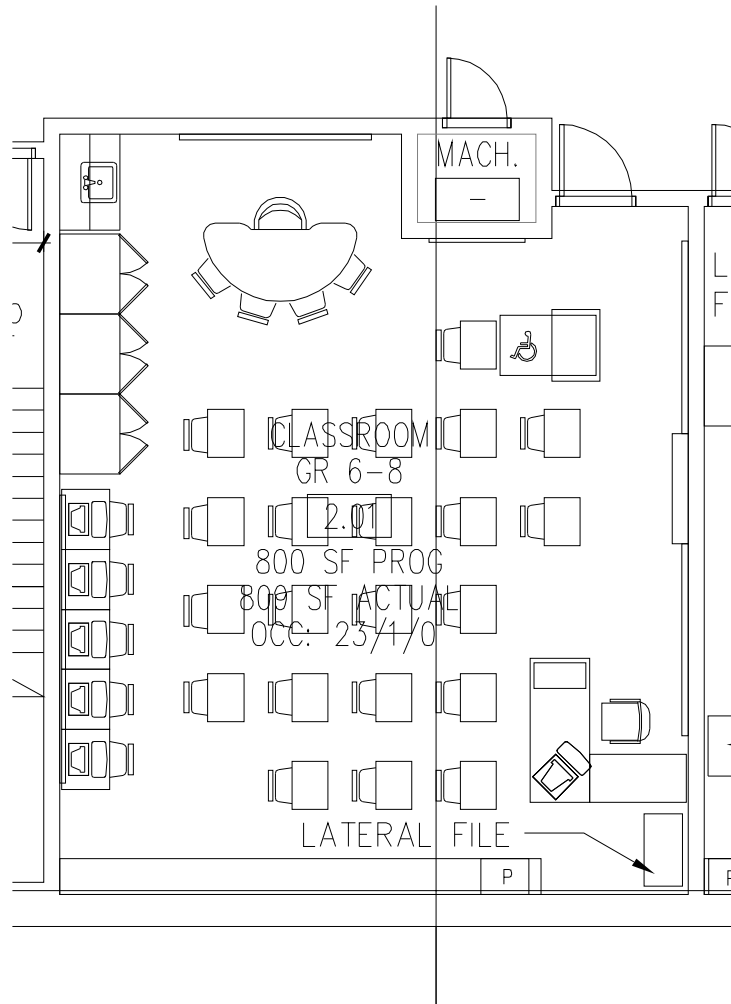
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 1.14 ES RES #1
1.15 ES SGI #2
(ROOM TYPE 10 & 11)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-010



1

2.01 CLASSROOM GR. 6-8 (ROOM TYPE 13)

1/8" = 1'-0"
A103

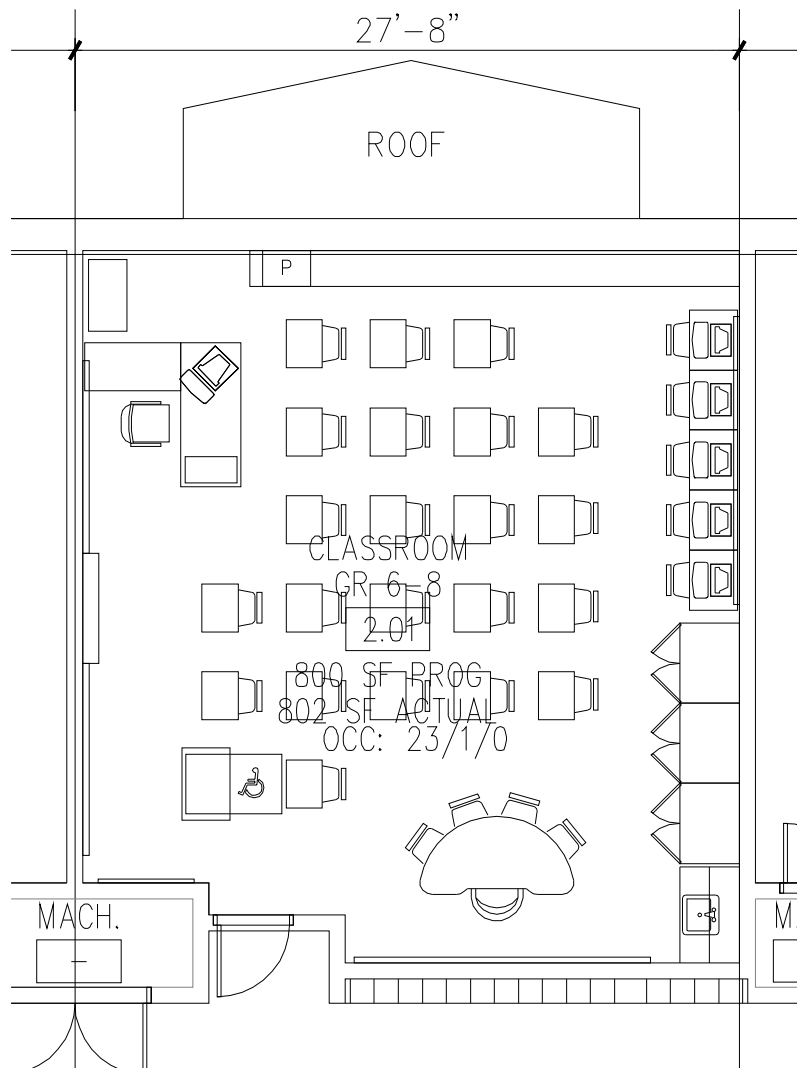
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412 Broadway
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Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 2.01 CLASSROOM
GR. 6-8
(ROOM TYPE 13)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-011



1

2.01 CLASSROOM GR 6-8 (ROOM TYPE 13)

1/8" = 1'-0"
A103

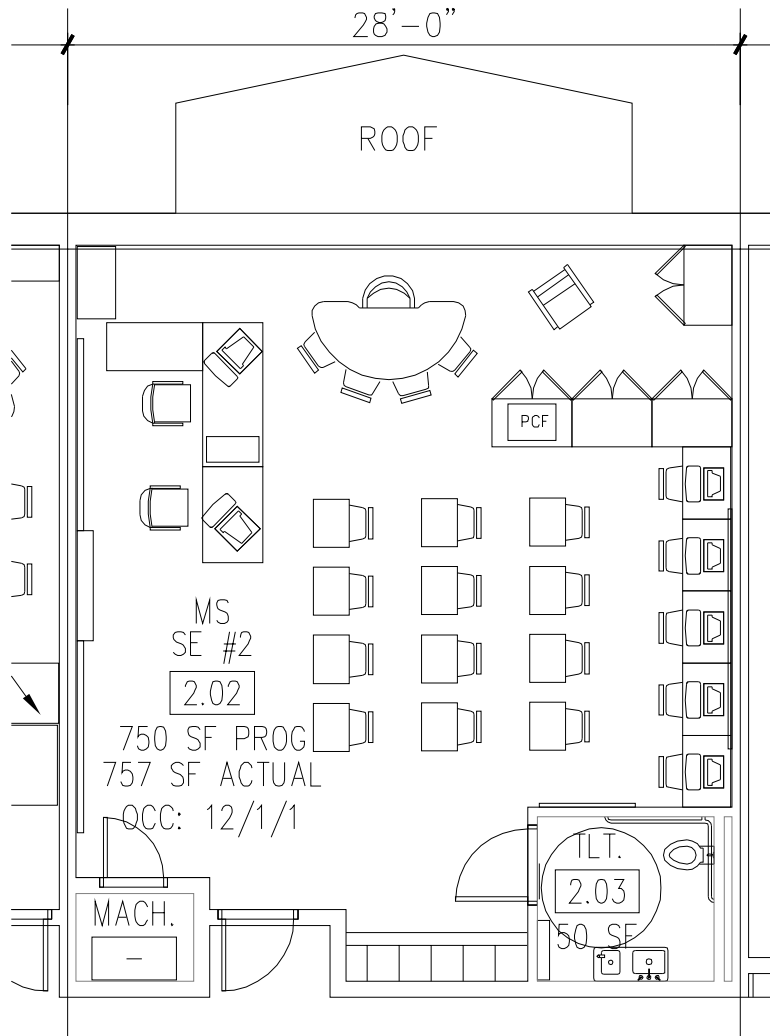
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Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 2.01 CLASSROOM
GR 6-8
(ROOM TYPE 13)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-012



1

2.02 MS SE #2 (ROOM TYPE 14 & 15)

1/8" = 1'-0"
A103

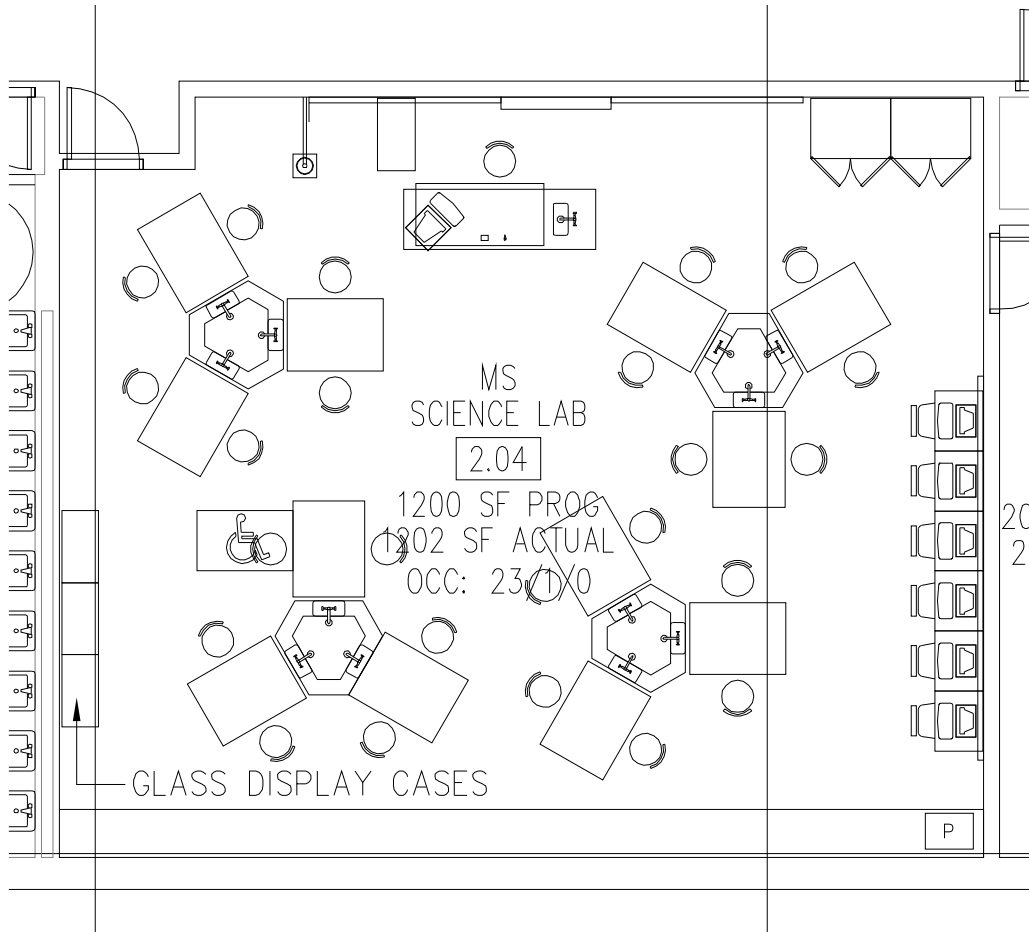
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 2.02 MS SE #2
(ROOM TYPE 14 & 15)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-013



1

2.04 MS SCIENCE LAB (ROOM TYPE 16)

1/8" = 1'-0"
A103

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Architecture & Engineering, P.C.
412 Broadway
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Fax: 518.431.3333

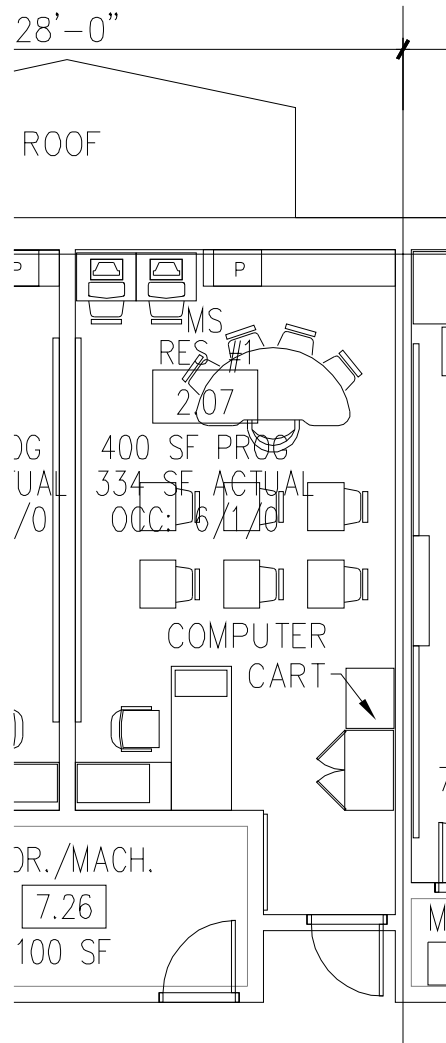
EYP/

PROJECT: Elliott Street School
TITLE: 2.04 MS SCIENCE LAB
(ROOM TYPE 16)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-014



1

2.07 MS RES #1 (ROOM TYPE 18)

1/8" = 1'-0"
A103

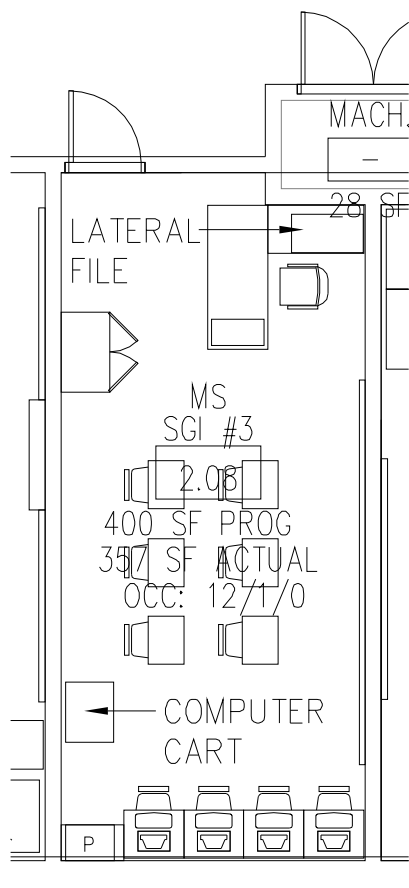
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 2.07 MS RES #1
(ROOM TYPE 18)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-015



1

2.08 MS SGI #3 (ROOM TYPE 19)

1/8" = 1'-0"
A103

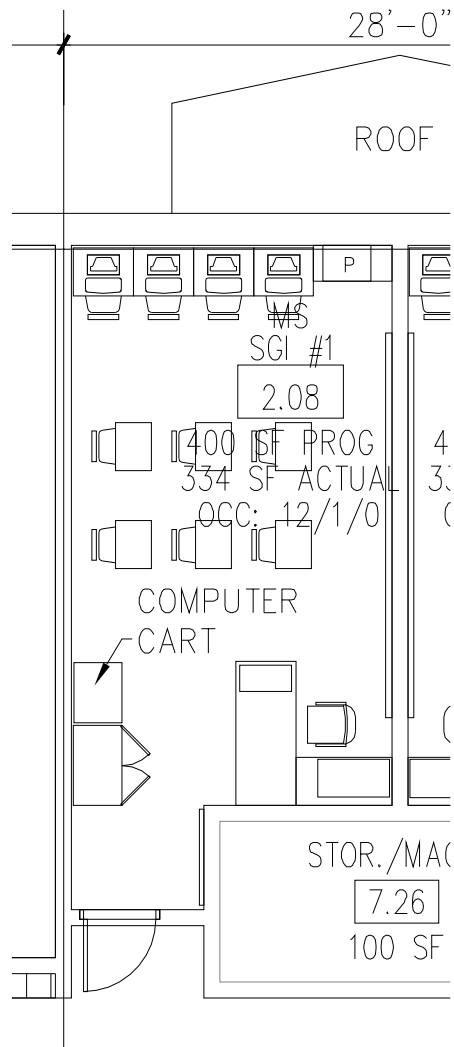
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412 Broadway
P.O. Box 617
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Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 2.08 MS SGI #3
(ROOM TYPE 19)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-016



1 | 2.08 MS SGI #1 (ROOM TYPE 19)

1/8" = 1'-0"
A103

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412 Broadway
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

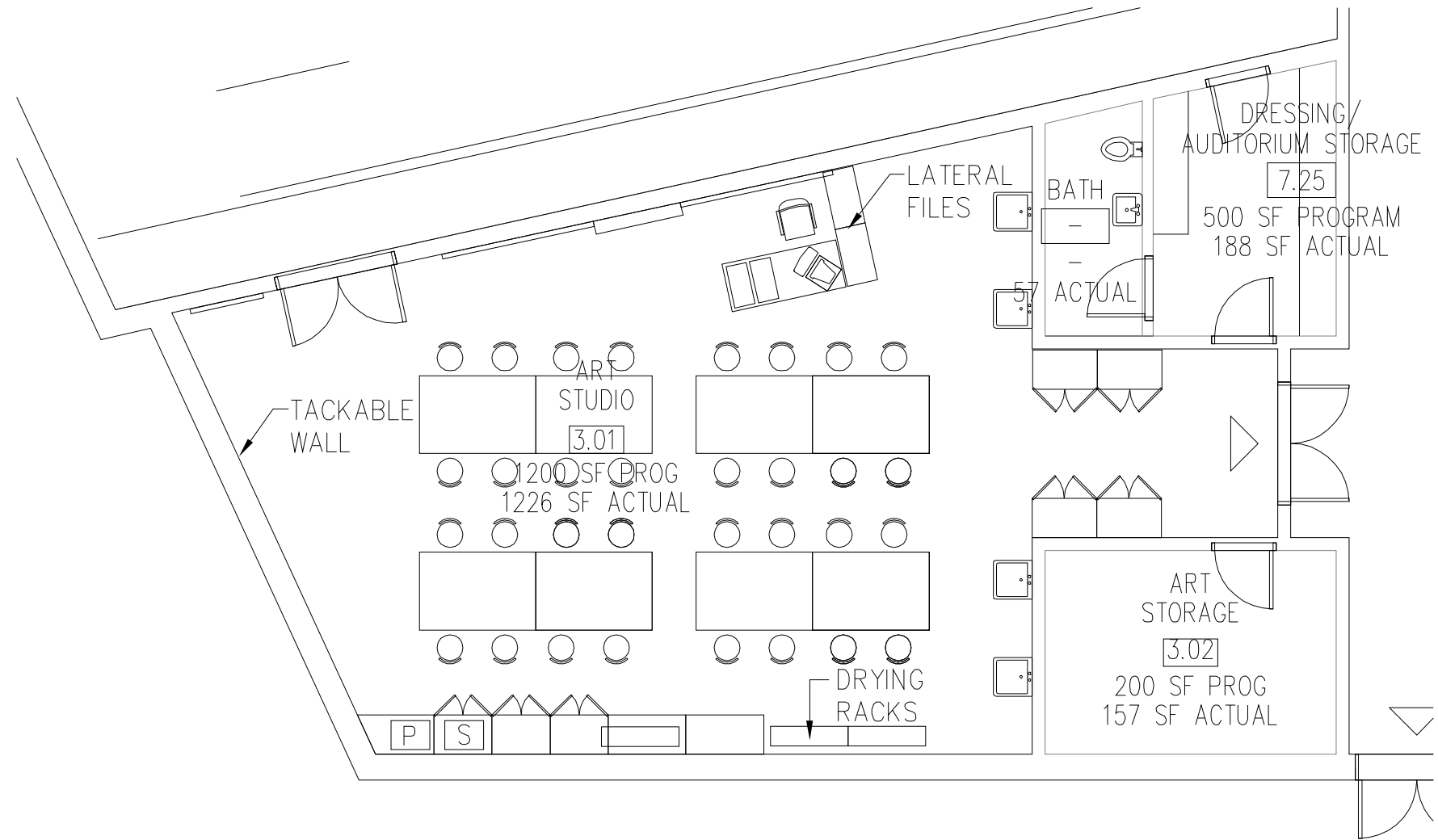
EYP/

PROJECT: Elliott Street School
TITLE: 2.08 MS SGI #1
(ROOM TYPE 19)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-017



1 | 3.01 ART STUDIO (ROOM TYPE 24)

1/8" = 1'-0"
A101

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Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

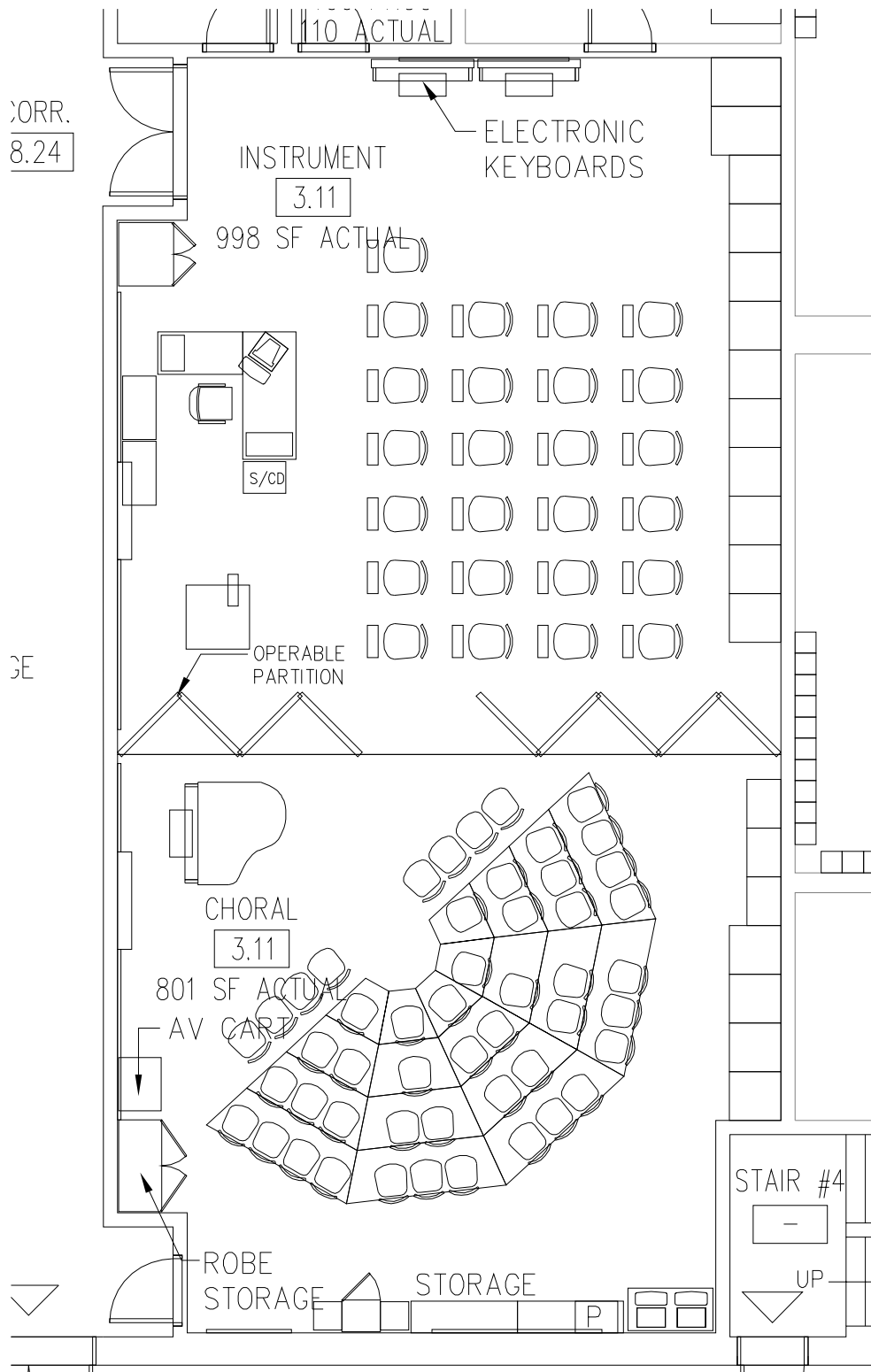
EYP/

PROJECT: Elliott Street School
TITLE: 3.01 ART STUDIO
(ROOM TYPE 24)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-018



1

3.11 INSTRUMENT & CHORAL (ROOM TYPE 30)

1/8" = 1'-0"
A101

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Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

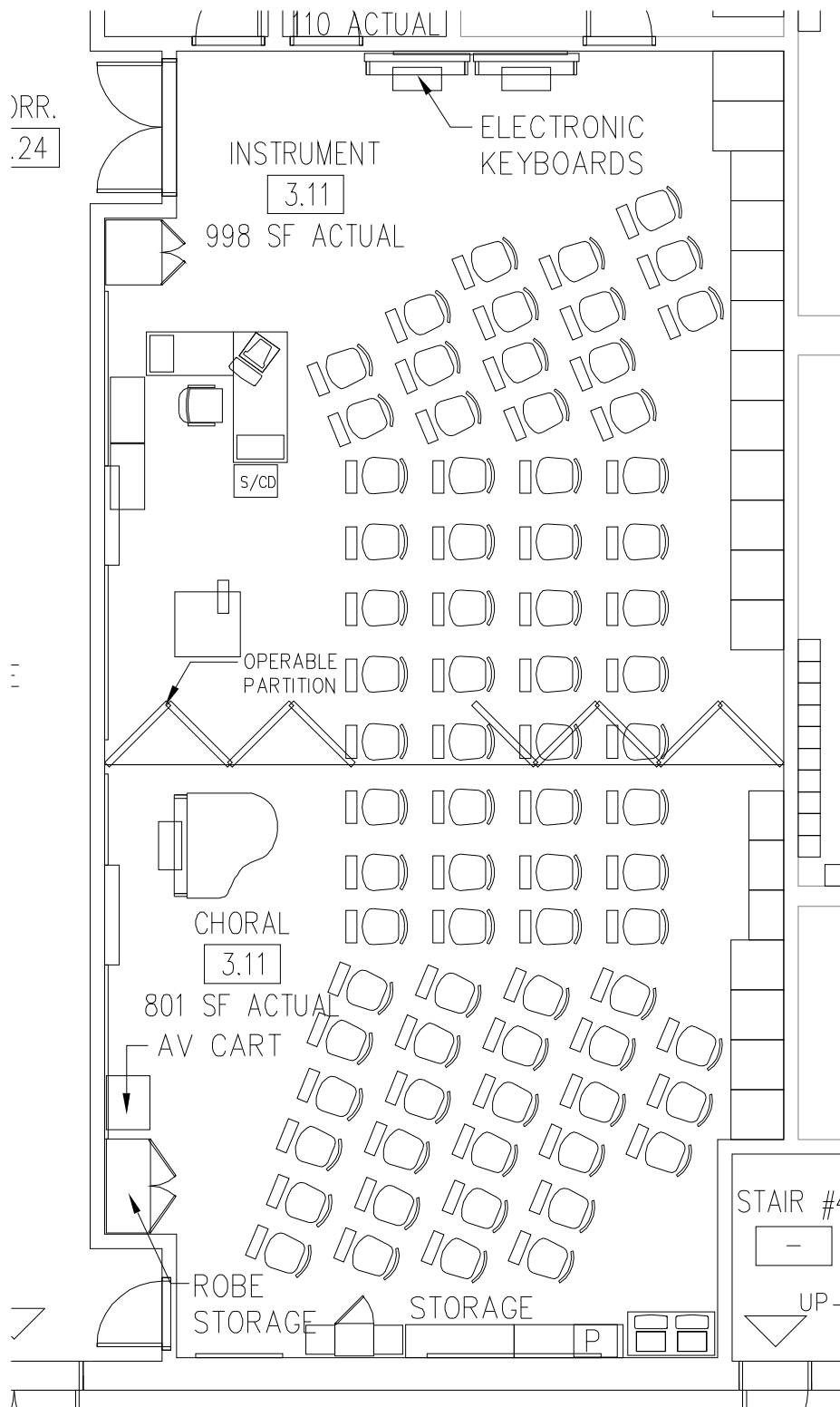
EYP/

PROJECT: Elliott Street School
TITLE: 3.11 INSTRUMENT
& CHORAL
(ROOM TYPE 30)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-019



1

ALTERNATE 3.11 INSTRUMENT & CHORAL (ROOM TYPE 30)

1/8" = 1'-0"
A101

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

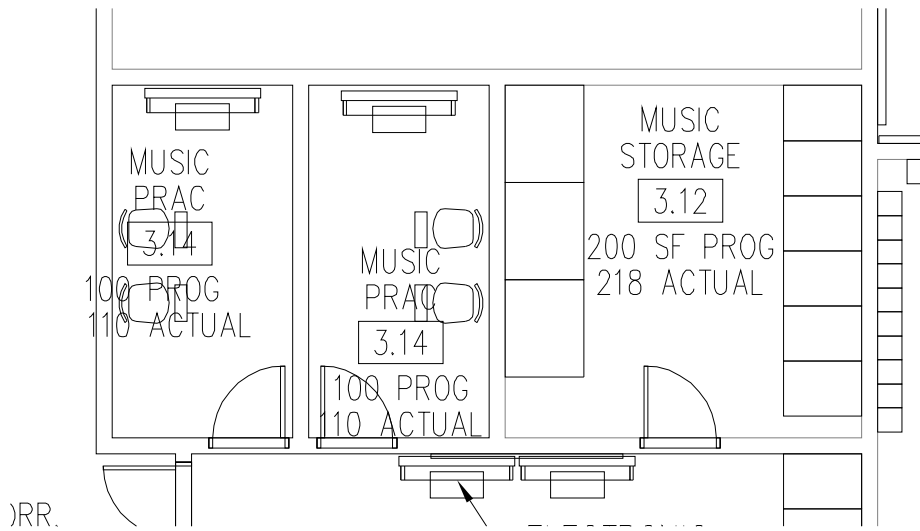
EYP/

PROJECT: Elliott Street School
TITLE: ALTERNATE 3.11
INSTRUMENT & CHORAL
(ROOM TYPE 30)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-020



1

3.12 MUSIC STORAGE / 3.14 MUSIC PRAC (ROOM TYPE 30 & 31)

1/8" = 1'-0"
A101

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412 Broadway
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

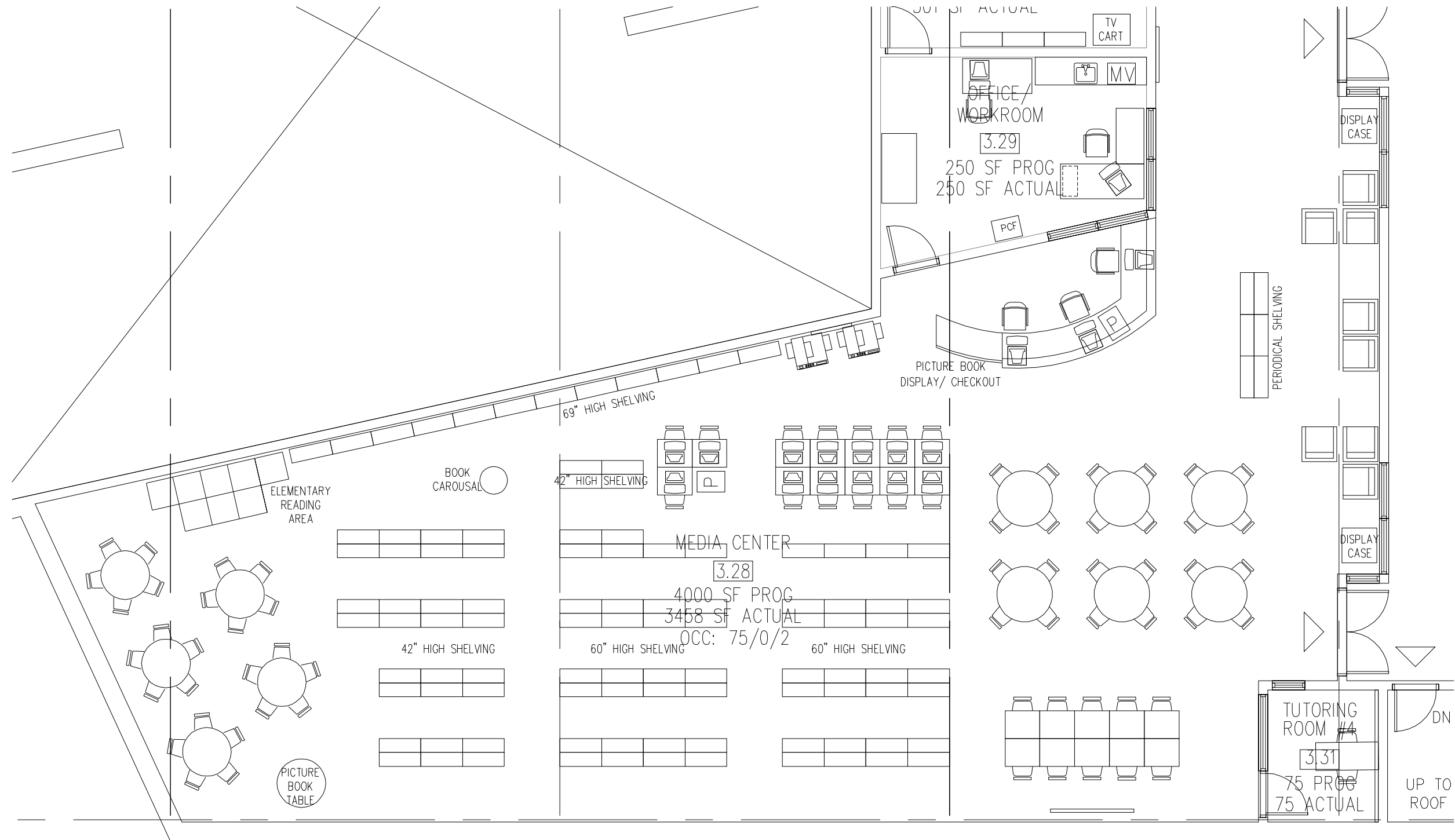
EYP/

PROJECT: Elliott Street School
TITLE: 3.12 MUSIC STORAGE /
3.14 MUSIC PRAC
(ROOM TYPE 30 & 31)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-021



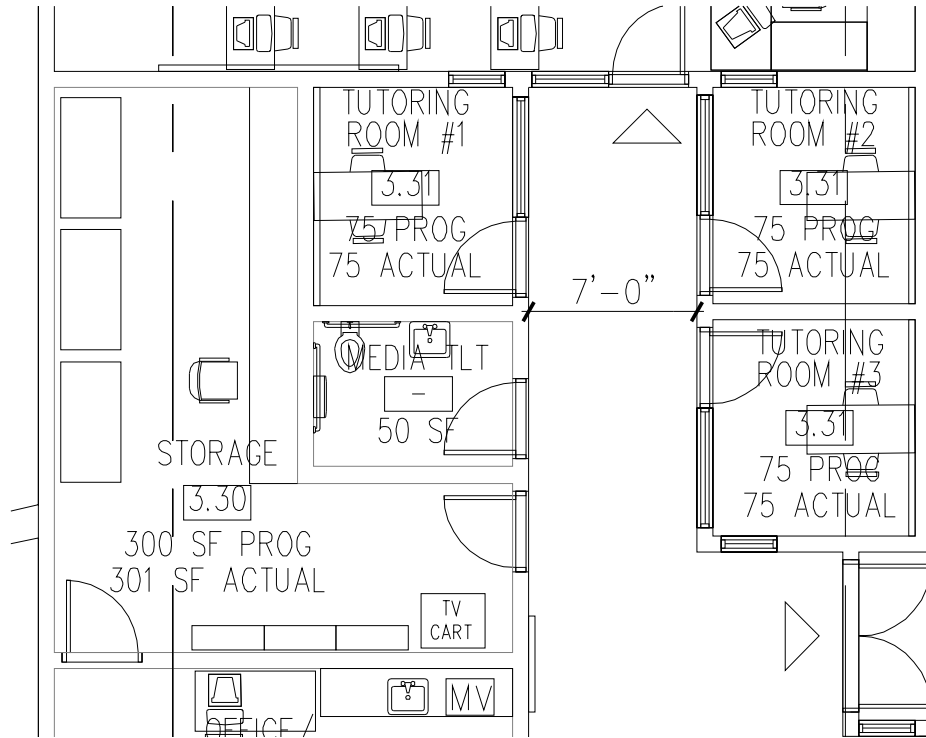
1 3.28 MEDIA CENTER / 3.29 MEDIA WORK RM. / 3.31 TUTORING RM. #4 (ROOM TYPE 42, 43 & 44)

1/8" = 1'-0"
A102

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Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT:	Elliott Street School	DATE:	05-04-2009	DRAWING #:	
TITLE:	3.28 MEDIA CENTER / 3.29 MEDIA WORK RM. / 3.31 TUTORING RM. #4 (ROOM TYPE 42,43 & 44)	SCALE:	1/8"=1'-0"		
		PROJECT #:	1007026.00		
		DESIGNED BY:	MW		
		DRAWN BY:	SM		
		CHECKED BY:	JCS		
					SK-A-022



1

3.31 TUTORING RM. #1, 2 & 3 / 3.30 STOR. (ROOM TYPE 42 & 44)

1/8" = 1'-0"
A102

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Architecture & Engineering, P.C.
412 Broadway
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

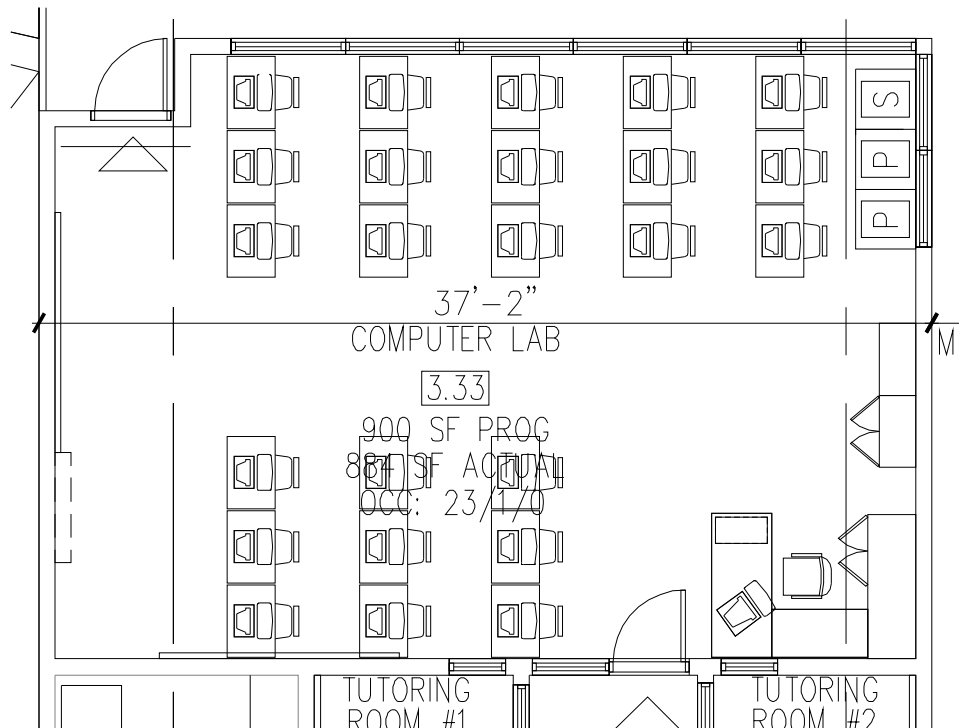
EYP/

PROJECT: Elliott Street School
TITLE: 3.31 TUTORING RM.
#1, 2 & 3 / 3.30 STOR.
(ROOM TYPES 42 & 44)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-023



1

3.33 COMPUTER LAB (ROOM TYPE 45)

1/8" = 1'-0"
A102

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412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

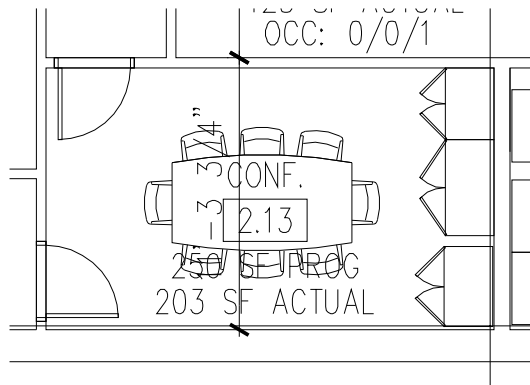
EYP/

PROJECT: Elliott Street School
TITLE: 3.33 ES COMPUTER LAB
(ROOM TYPE 45)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-024



1

2.13 CONFERENCE (ROOM TYPE 54)

1/8" = 1'-0"
A103

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

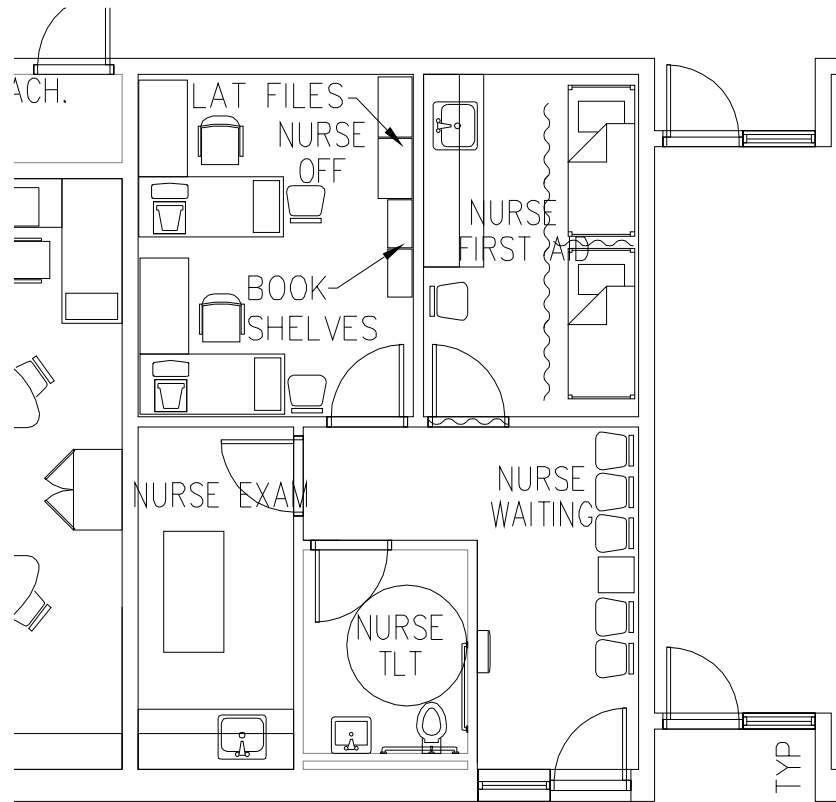
EYP/

PROJECT: Elliott Street School
TITLE: 2.13 CONFERENCE
(ROOM TYPE 54)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-025



1

NURSE'S OFFICE AREA (ROOM TYPE 55)

1/8" = 1'-0"
A101

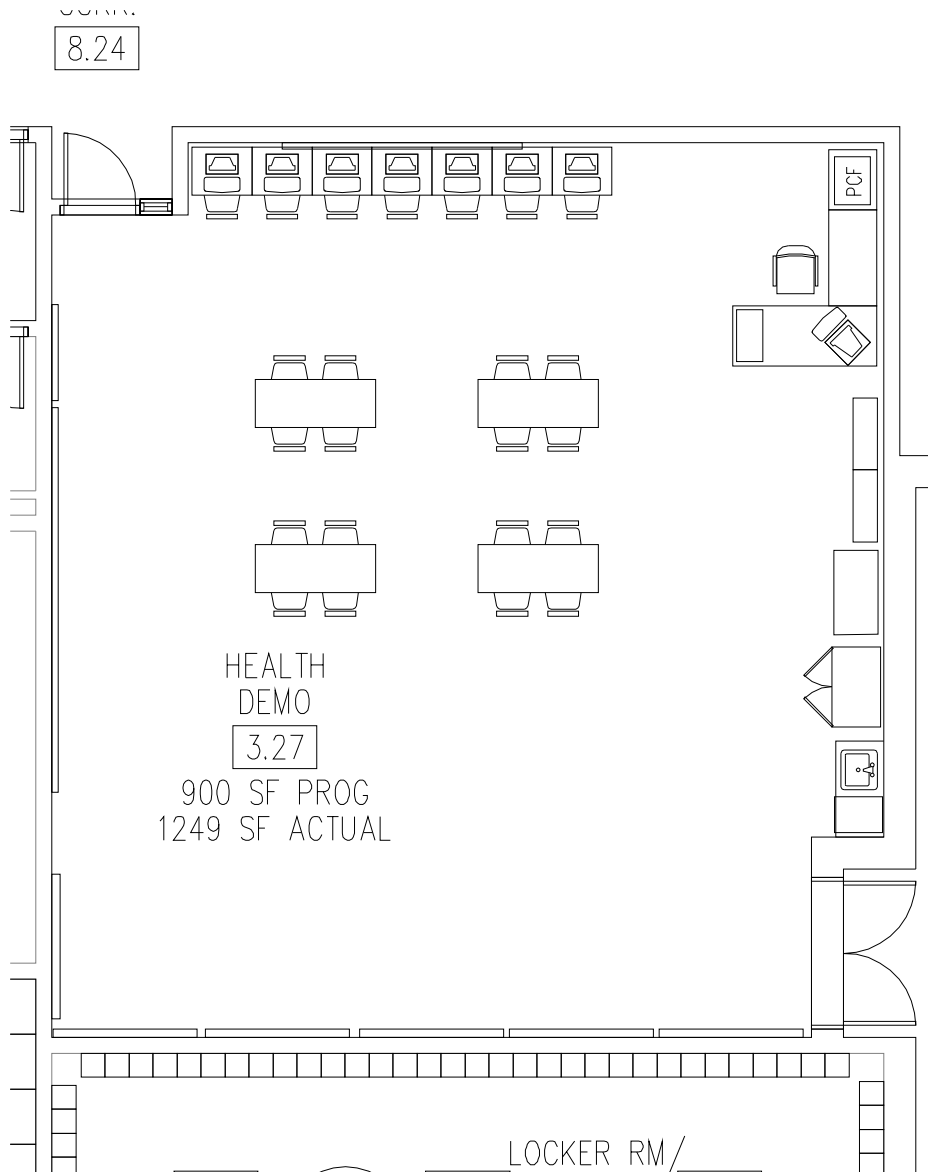
Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: NURSE'S OFFICE AREA
(ROOM TYPE 55)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:
SK-A-026



1

3.27 HEALTH DEMO (ROOM TYPE 41)

1/8" = 1'-0"
A101

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

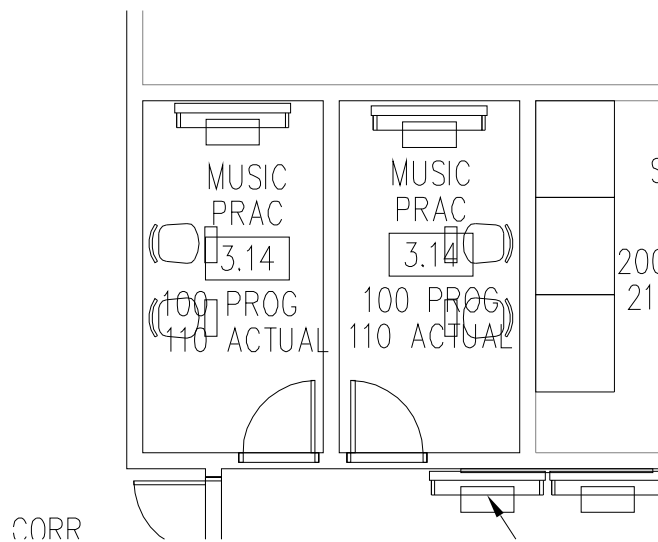
EYP/

PROJECT: Elliott Street School
TITLE: 3.27 HEALTH DEMO
(ROOM TYPE 41)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-027



1

3.14 MUSIC PRAC. (ROOM TYPE 31)

1/8" = 1'-0"
A101

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

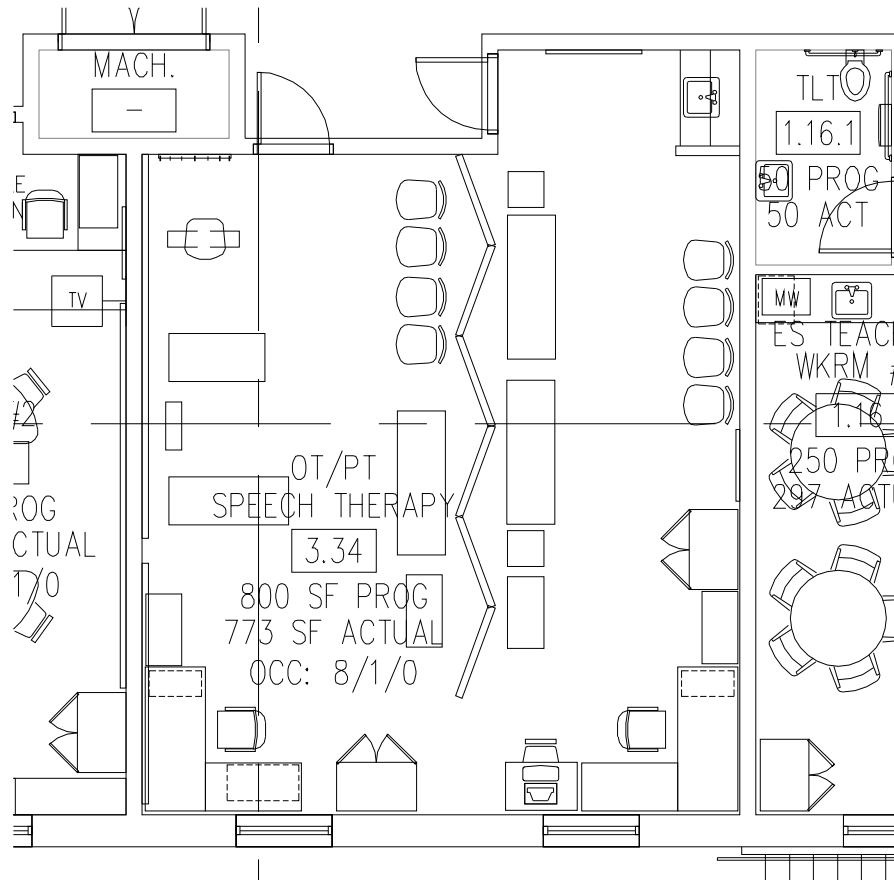
EYP/

PROJECT: Elliott Street School
TITLE: 3.14 MUSIC PRAC.
(ROOM TYPE 31)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-028



1

3.34 OT/PT SPEECH THERAPY (ROOM TYPE 46)

1/8" = 1'-0"
A102

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

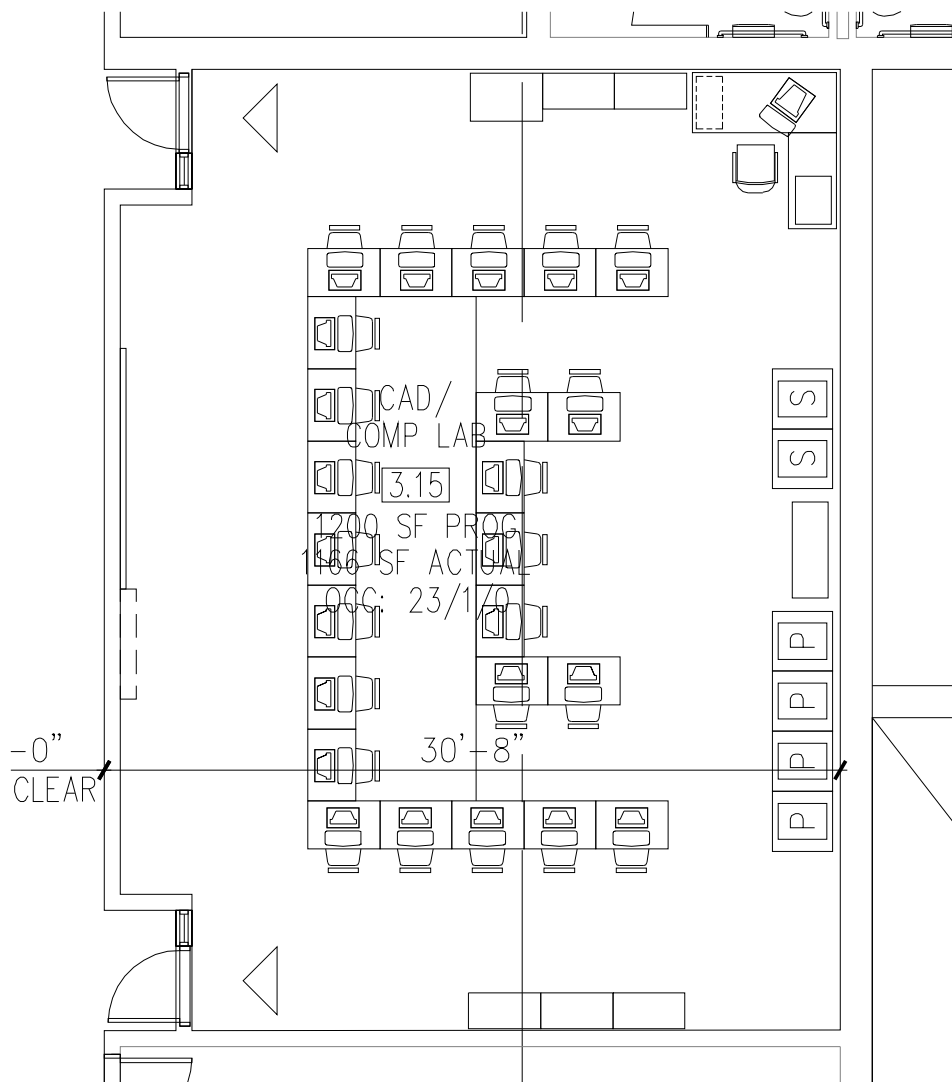
EYP/

PROJECT: Elliott Street School
**TITLE: 3.34 OT/PT
SPEECH THERAPY
(ROOM TYPE 46)**

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-029



1

3.15 CAD/COMP LAB (ROOM TYPE 32)

1/8" = 1'-0"
A102

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

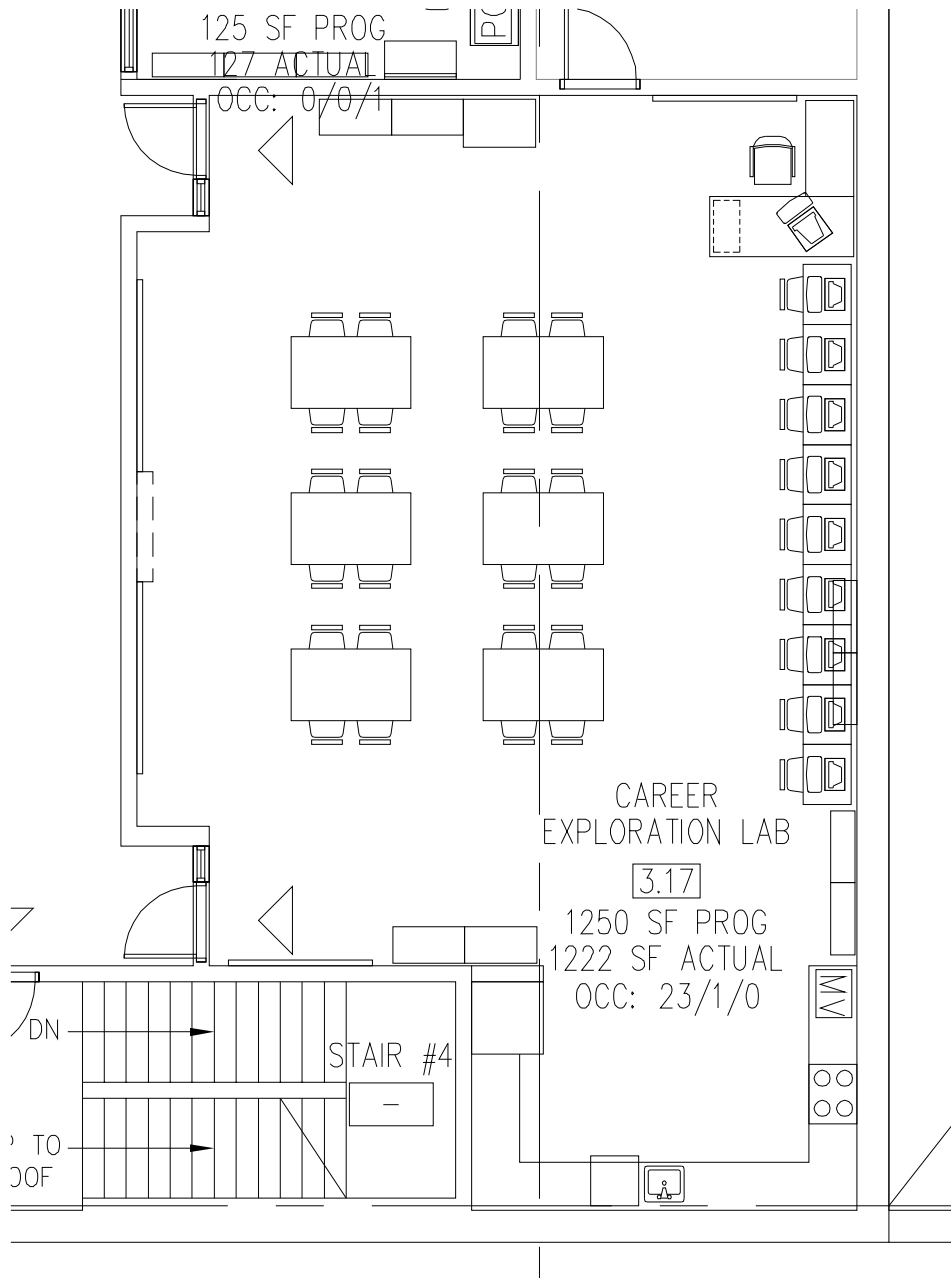
EYP/

PROJECT: Elliott Street School
TITLE: 3.15 CAD/COMP LAB
(ROOM TYPE 32)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-030



1

3.17 CAREER EXPLORATION LAB (ROOM TYPE 33)

1/8" = 1'-0"
A102

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

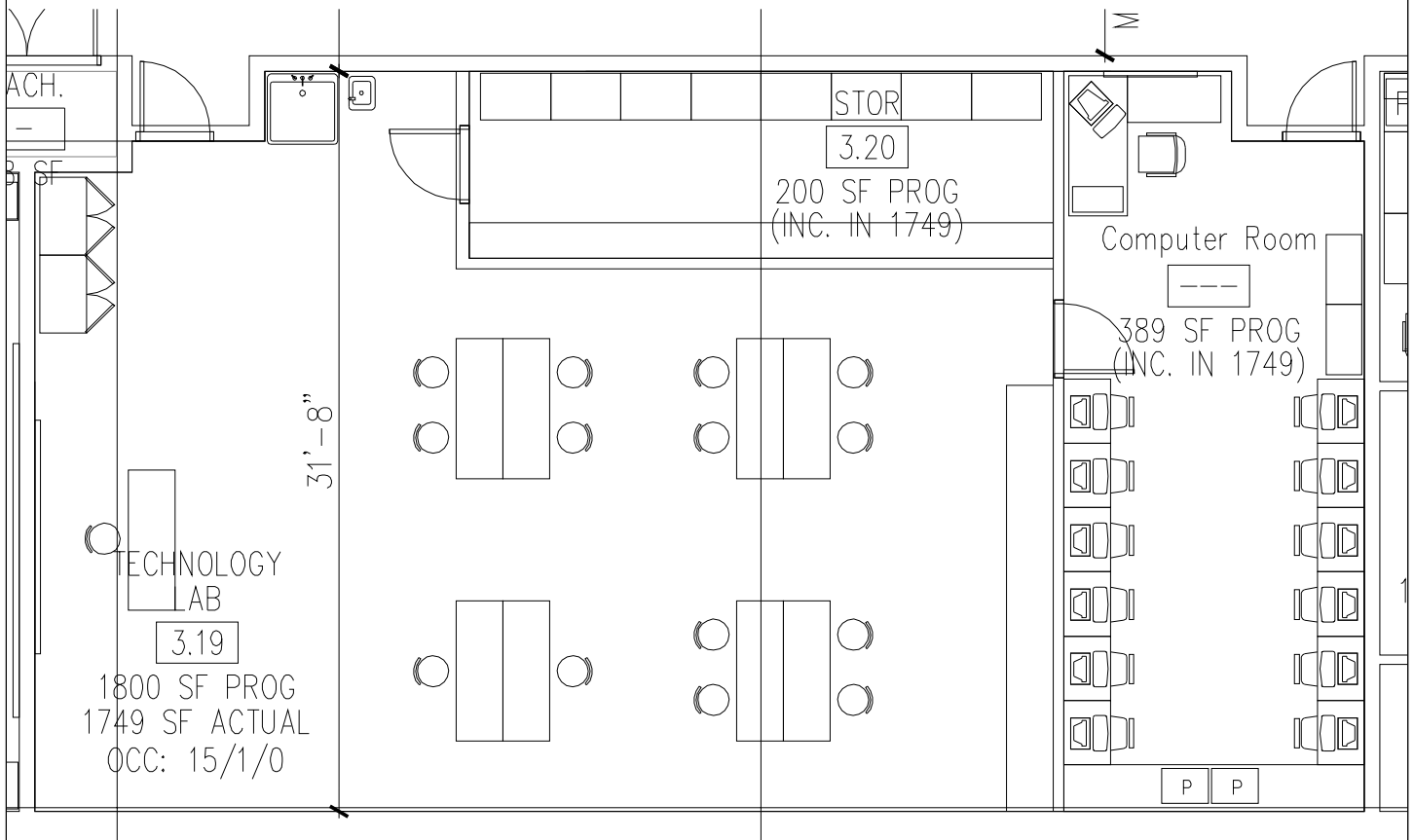
EYP/

PROJECT: Elliott Street School
TITLE: 3.33 ES COMPUTER LAB
(ROOM TYPE 33)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-031



1

3.19 TECHNOLOGY LAB (ROOM TYPE 35)

1/8" = 1'-0"
A102

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

EYP/

PROJECT: Elliott Street School
TITLE: 3.19 TECHNOLOGY LAB
(ROOM TYPE 35)

DATE: 05-04-2009
SCALE: 1/8"=1'-0"
PROJECT #: 1007026.00
DESIGNED BY: MW
DRAWN BY: SM
CHECKED BY: JCS

DRAWING #:

SK-A-032

DOE Submission – NPS – FINISHES MATRIX

4.0 NPS – Finishes Matrix

NPS - FINISHES MATRIX / Elliott Street Elementary School 3/25/09

Revised - 4/20/09 (Changes Highlighted in Yellow)

TYPICAL GENERAL SPACES: Instructional Instructional-Other Administrative Ancillary Building Support

Note: These standards are meant to be performance driven guides for design and should be considered as the minimum acceptable description for materials, assemblies and installed systems for a District School Facility.

SPACE	FINISHES			CONDITIONS			PERIPHERALS
DESCRIPTION (TYP.)	FLOORS	CEILINGS	WALLS	LIGHTING	HVAC	POWER	IT / FFE
Instructional							
General Classrooms (Grades 1- 8) Computer Labs Career Lab / Storage Technology Lab / Storage OT / PT / Speech Therapy	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height	Painted CMU	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning and operable windows	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Small Group Instr. (SGI) and Resources Rooms	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height	Painted CMU	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning and operable windows	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Pre-Kindergarten and Kindergarten Classrooms	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height	Painted CMU	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning and operable windows	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
ES Science Demo MS Science Lab Science Storage Science Prep.	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height	Painted CMU	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning and operable windows. Direct (enhanced level) Ventilation controllable by Teacher.	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards

SPACE	FINISHES			CONDITIONS			PERIPHERALS
DESCRIPTION (TYP.)	FLOORS	CEILINGS	WALLS	LIGHTING	HVAC	POWER	IT / FFE
					Fume Hood(s) at MS Science Prep. Room.		
SE Classroom (Self Contained) - ES and MS	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height	Painted CMU	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning and operable windows	"clean" power for all data/pc/peripherals (Tamper proof)	See Educational Specification and District Technology Standards
Instructional-Other							
Art Studio (and Kiln area) Art Storage Dressing / Auditorium Storage	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 10'-0" Height	Painted CMU	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning and operable windows Vent Stack direct to exterior for Kiln	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Auditorium	STAGE - ¾" X 2-1/4" T/G Maple flooring AUDIENCE - Carpet in Walking Areas, Sealed Concrete in Seating Areas	Height TBD 5/8" thick Gyp. Bd. on drywall susp. System and/or Suspended Acoustic System as required for appropriate acoustic design	Painted CMU Provide Sound absorbing acoustical wall panels / covering as required for appropriate acoustic design.	Combination of dimmable suspended fixtures and recessed downlights - fluorescent. Light levels as required by code (minimum). And Theatrical lighting system for stage performances.	Air Conditioning Smoke Vent @ stage "fly space" tied to Fire Suppression systems	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards Provide upholstered auditorium seating
Cafeteria Faculty Dining Chair Storage After School Enrichment Program	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 10'-0" Height	Painted CMU with Acoustical Wall Coverings as required to provide adequate sound absorbtion	2 x 4 Fluorescent Lay-In fixtures - Parabolic style with compact fluorescent accent lighting. All Dimmable.	Air Conditioning and operable windows	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards

SPACE	FINISHES			CONDITIONS			PERIPHERALS
DESCRIPTION (TYP.)	FLOORS	CEILINGS	WALLS	LIGHTING	HVAC	POWER	IT / FFE
Kitchen/Servery (and all areas within kitchen program)	Epoxy and Polyurethane flooring System (3 color min / pattern) Wall Base same material	24" x 48 " Vinyl Wrapped GWB Ceiling Tile System for commercial kitchen application Min. 10'-0" Height	Glazed CMU	2 x 4 Fluorescent Lay-In fixtures - Parabolic style	Air Conditioning Hood Vents		See Educational Specification and District Technology Standards
Instrumental/Choral Music Music Practice Music Storage	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System 12'-0" Height (If Possible)	Painted CMU Provide Sound absorbing acoustical wall panels / covering as required for appropriate acoustic design	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Gymnasium	¾" X 2-1/4" T/G Maple flooring	Exposed Structure - Painted - Provide Sound Absorbing Roof Deck Min. 25'-0" to underside of structure	Painted Acoustical CMU Gym Wall Pads at perimeter and Bleachers	Dimmable Fluorescent Gymnasium Lighting system - multiple switching levels	Air Conditioning		See Educational Specification and District Technology Standards
Locker Rooms	Epoxy and Polyurethane flooring System 3 color min / pattern) Wall Base same material	Moisture resistant 5/8" thick Gyp. Bd. on drywall susp. system	Painted CMU	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses	Air Conditioning		
Showers	2" x 2 unglazed Ceramic Tile	Moisture resistant 5/8" thick Gyp. Bd. on drywall susp. system	2" x 2 unglazed Ceramic Tile	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses	Air Conditioning		
PE Staff Room / Office	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height	Painted CMU	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses	Air Conditioning		

SPACE	FINISHES			CONDITIONS			PERIPHERALS
DESCRIPTION (TYP.)	FLOORS	CEILINGS	WALLS	LIGHTING	HVAC	POWER	IT / FFE
Health / Demo Room	Resilient Sheet Vinyl Flooring designed for play / dance / physical education / etc. Welded Integral Sheet Vinyl Base	24" x 48 " Acoustic Ceiling Tile System Min. 11'-0" Height	Painted CMU	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses	Air Conditioning		
Media Center/Library Tutoring Rooms Office / Workroom and Storage	24" x 24" Carpet Tile (2 color min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 10'-6" Height	Painted CMU Provide Sound absorbing acoustical wall panels / covering as required for appropriate acoustic design	Indirect Suspended Lighting - Dimmable. Lighting Levels per code (minimum). Provide Compact Fluorescent Accent Lighting	Air Conditioning	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Administrative							
Administrative Offices		24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height Alt: 24" x 24" Acoustic Ceiling Tile System	5/8" GWB Partition - Painted. Provide sound rating and acoustic batts at all metal stud partitions to underside of structure.	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Reception Areas / Hallways	Epoxy and Polyurethane flooring System (3 color min / pattern Wall Base same material						
Individual Offices	24" x 24" Carpet Tile (2 color min.) 4" Rubber Base						
Conference Rooms	24" x 24" Carpet Tile (2 color min.) 4" Rubber Base						

SPACE	FINISHES			CONDITIONS			PERIPHERALS
DESCRIPTION (TYP.)	FLOORS	CEILINGS	WALLS	LIGHTING	HVAC	POWER	IT / FFE
Nurse (entire suite) Health Clinic (entire suite)	Sheet Vinyl Flooring (2 Color Min.) Welded Integral Sheet Vinyl Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height Alt: 24" x 24" Acoustic Ceiling Tile System	5/8" GWB Partition - Painted. Provide sound rating and acoustic batts at all metal stud partitions to underside of structure. OR Painted CMU	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Teacher Workroom (ES and MS)	24" x 24" Carpet Tile (2 color min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height Alt: 24" x 24" Acoustic Ceiling Tile System	5/8" GWB Partition - Painted. Provide sound rating and acoustic batts at all metal stud partitions to underside of structure.	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Security Control Centers	Sheet Vinyl Flooring (2 Color Min.) 4" Rubber Base	24" x 48 " Acoustic Ceiling Tile System Min. 9'-6" Height Alt: 24" x 24" Acoustic Ceiling Tile System	Painted CMU to underside of structure above	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning	"clean" power for all data/pc/peripherals	See Educational Specification and District Technology Standards
Ancillary							
Stairways	Pre-Cast Terrazzo Treads and Painted Steel Risers / Stringers / Railings Floors to be - Epoxy and Polyurethane flooring System (3 color min / pattern) Wall Base same material	Height TBD 5/8" thick Gyp. Bd. on drywall susp. System	Glazed CMU	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses			

SPACE	FINISHES			CONDITIONS			PERIPHERALS
DESCRIPTION (TYP.)	FLOORS	CEILINGS	WALLS	LIGHTING	HVAC	POWER	IT / FFE
Corridors	Epoxy and Polyurethane flooring System (3 color min / pattern) Wall Base same material	5/8" thick Gyp. Bd. on drywall susp. system 9'-6" min height	Painted CMU (2 color minimum)	Recessed - 2 x 4 - Fluorescent Fixtures with Parabolic Lenses	Air Conditioning		
Student Restrooms (Large and Individual)	Epoxy and Polyurethane flooring System (2 color min / pattern) Wall Base same material (2 color min.)	5/8" thick Gyp. Bd. on drywall susp. system 9'-0" min height	Painted CMU	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses	Air Conditioning		
Faculty Restrooms Public / Family Restrooms	Epoxy and Polyurethane flooring System (3 color min / pattern) Wall Base same material	24" x 48 " Acoustic Ceiling Tile System Min. 9'-0" Height Alt: 24" x 24" Acoustic Ceiling Tile System	Painted CMU	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses	Air Conditioning		
Storage (All)	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required	Air Conditioning		
Building Support							
Communications Closets	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required	Ventilation / Air Conditioning		
Mechanical Rooms	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required	Ventilation / Air Conditioning		
Electrical Rooms	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required	Ventilation / Air Conditioning		

SPACE	FINISHES			CONDITIONS			PERIPHERALS
DESCRIPTION (TYP.)	FLOORS	CEILINGS	WALLS	LIGHTING	HVAC	POWER	IT / FFE
Custodial Closets	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required	Ventilation		
Custodial Office	Sealed Concrete	24" x 48 " Acoustic Ceiling Tile System Min. 9'-0" Height	Painted CMU to underside of structure above	Indirect Suspended Lighting. Lighting Levels per code (minimum).	Air Conditioning		
Breakroom							
Changing / Toilet / Shower rooms	2" x 2 unglazed Ceramic Tile	Moisture resistant 5/8" thick Gyp. Bd. on drywall susp. system	Painted CMU	Recessed - 2 x 4 - Fluorescent Fixtures with Acrylic Lenses	Ventilation / Air Conditioning		
Work room	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required	Ventilation		
Custodial Storage	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required	Ventilation		
Receiving	Sealed Concrete	No Ceiling	Painted CMU	Suspended Fluorescent Fixtures - light levels as required			
Recycling							

Note: All Painted CMU walls/partitions shall be prepared with Block Filler and Painted using specified Epoxy Paint System.

Prepared for:
New Jersey School
Development Authority
375 McCarter Highway
Newark, NJ 07114

and

Newark Public Schools
2 Cedar Street
Newark, NJ 07102

NJSDA Project Number: NE-0067-B01

Elliott Street School

The New Jersey School Development Authority

Newark, New Jersey
Essex County

LIST OF DRAWINGS

General Drawings

G100 Title Sheet

Site Plan Drawings

SP101 Site Plan - Upper Level

SP102 Site Plan - Lower Level

Civil Drawings

C000 Existing Condition / Demolition
Plan / General Notes and Legend
C001 Site Plan Upper Level
C002 Site Plan Lower Level
C003 Utility & Drainage Plan Upper Level
C004 Utility & Drainage Plan Lower Level
C005 Construction Details - 1
C006 Construction Details - 2

Boundary and Topographic Survey

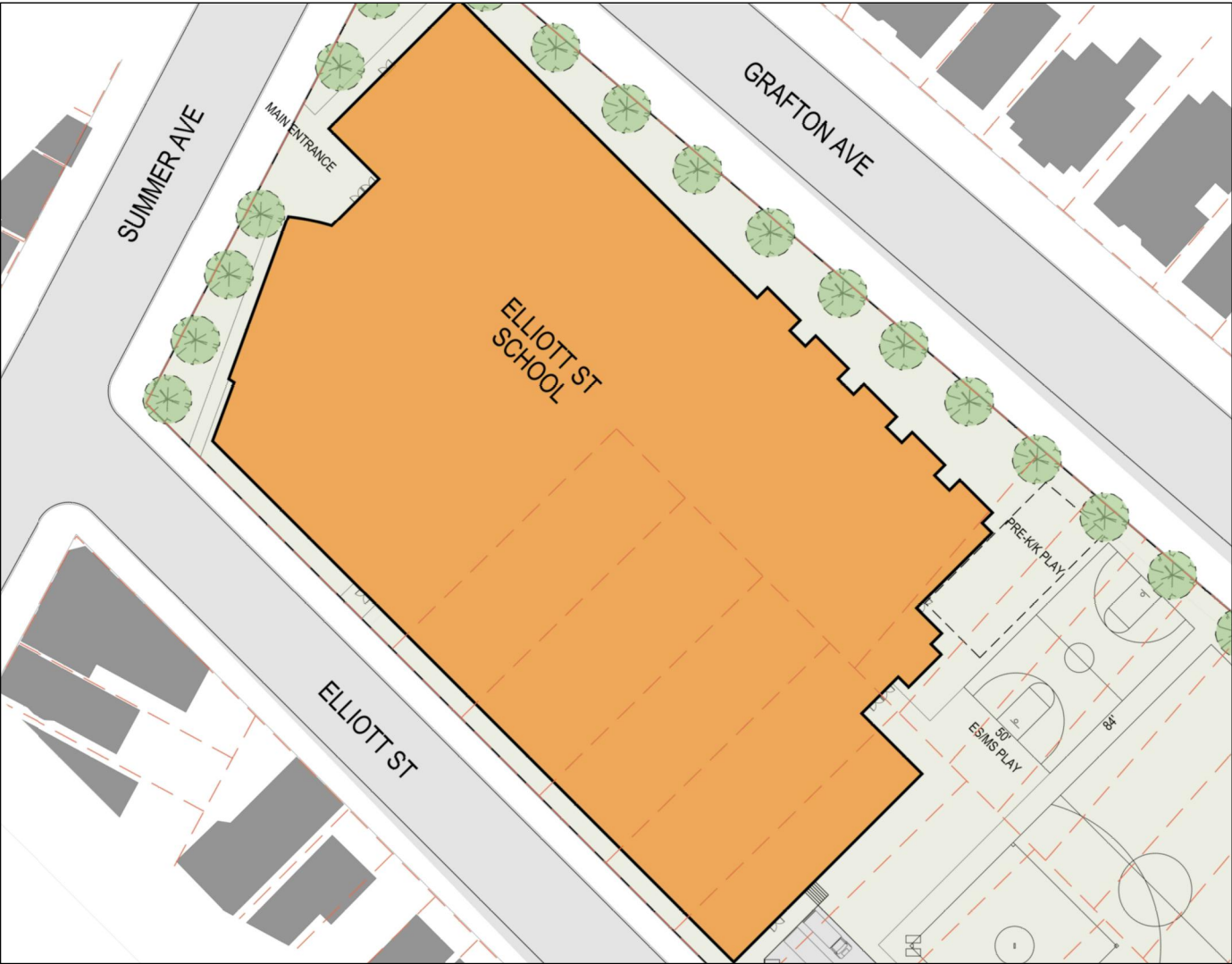
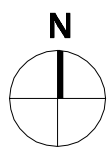
Architectural Drawings

A100 Basement Floor Plan
A101 First Floor Plan
A102 Second Floor Plan
A103 Third Floor Plan

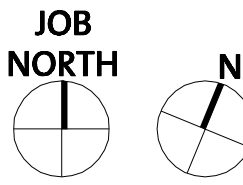
A200 Building Elevations
A201 Building Elevations
A202 Building Elevations
A203 Building Elevations
A204 Building Section / Elevation



Vicinity Map



Location Map



Design - Build Contract Documents

ISSUED: 25 March 2009
REVISED FOR DOE SUBMISSION: 04 May 2009
EYP Project Number: 1007026.01

CONSULTANTS:

SITE/ CIVIL/GEOTECHNICAL
ENGINEER:

KS ENGINEERS, P.C.
494 Broad Street 4th Floor
Newark, New Jersey 07102
Telephone (973) 623 2999

EDUCATIONAL PLANNERS:

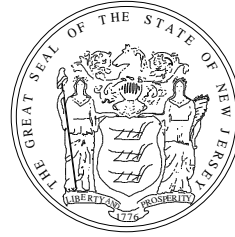
Morris Boyd Associates
4 Kennedy Place
Sparta, New Jersey 07871
Telephone (973) 729 4567

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333

eypae.com

EYP/

G001



ARCHITECTS AND ENGINEERS:

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eypae.com

EYP/

CONSULTANTS:

KSE
KS Engineers, P.C.

Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07071-1719 (201) 459-8633 (201) 725-1281
e-mail: gbmorris@mba.com



KEY PLAN:

1	DOE REVISED SUBMISSION	05/04/09
NO.	REVISION/SUBMISSION	DATE

DESIGN - BUILD
CONTRCT DOCUMENTS

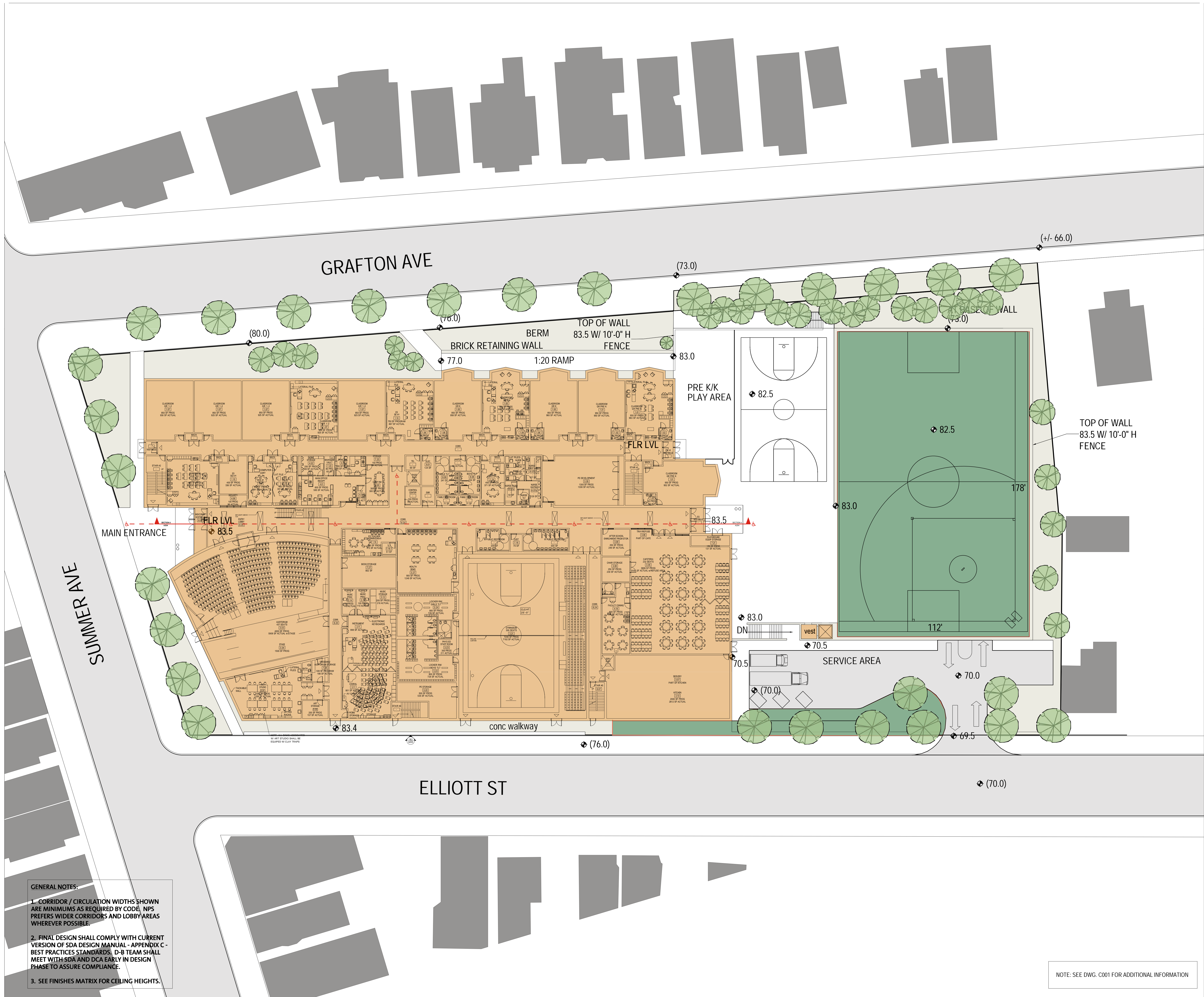
Newark Public Schools / NJSDA
Elliott Street School

Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 1" = 20'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: RH
CHECKED BY: JCS

CONCEPT SITE PLAN
UPPER LEVEL

SP101



GENERAL NOTES:
1. CORRIDOR / CIRCULATION WIDTHS SHOWN ARE MINIMUMS AS REQUIRED BY CODE. NPS PREFERS WIDER CORRIDORS AND LOBBY AREAS WHEREVER POSSIBLE.
2. FINAL DESIGN SHALL COMPLY WITH CURRENT VERSION OF SDA DESIGN MANUAL - APPENDIX C - BEST PRACTICES STANDARDS. D-B TEAM SHALL MEET WITH SDA AND DCA EARLY IN DESIGN PHASE TO ASSURE COMPLIANCE.
3. SEE FINISHES MATRIX FOR CEILING HEIGHTS.



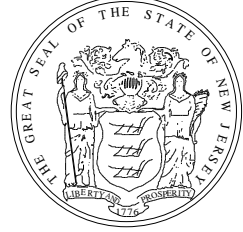
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 3. SEE FINISHES MATRIX FOR CEILING HEIGHTS.

NOTE: SEE DWG. C002 FOR ADDITIONAL INFORMATION

SDA

NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

STATE OF NEW JERSEY



ECONOMIC DEVELOPMENT AUTHORITY

ARCHITECTS AND ENGINEERS:

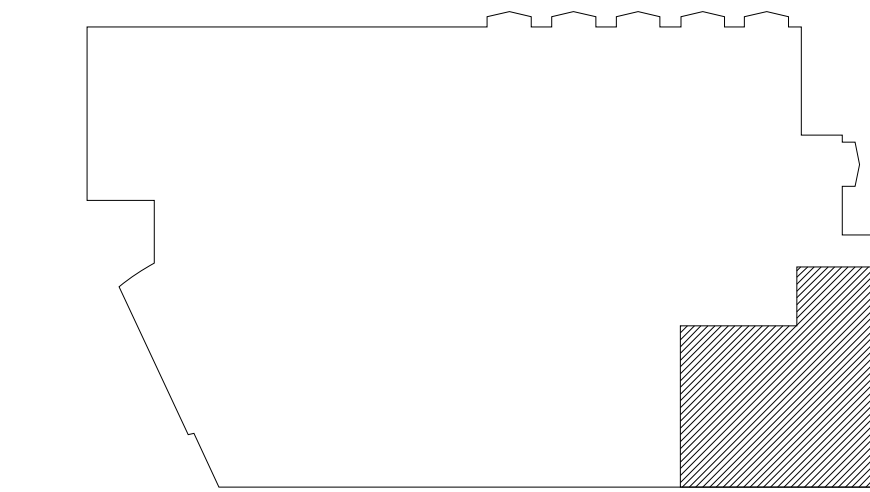
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412 Broadway
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eypae.com

EYP/

CONSULTANTS:

KSE
KS Engineers, P.C.

Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 100, 07071-1111
Tel: 973-725-4500 Fax: 973-725-0281
e-mail: gbmorris@mba.com



KEY PLAN:

1	DOE REVISED SUBMISSION	05/04/09
NO.	REVISION/SUBMISSION	DATE

DESIGN - BUILD CONTRACT DOCUMENTS

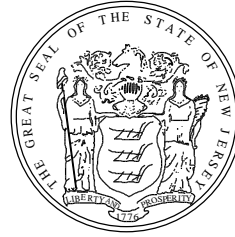
Newark Public Schools / NJSDA
Elliott Street School

Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 1" = 20'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: RH
CHECKED BY: JCS

CONCEPT SITE PLAN
LOWER LEVEL

SP102



ARCHITECTS AND ENGINEERS:

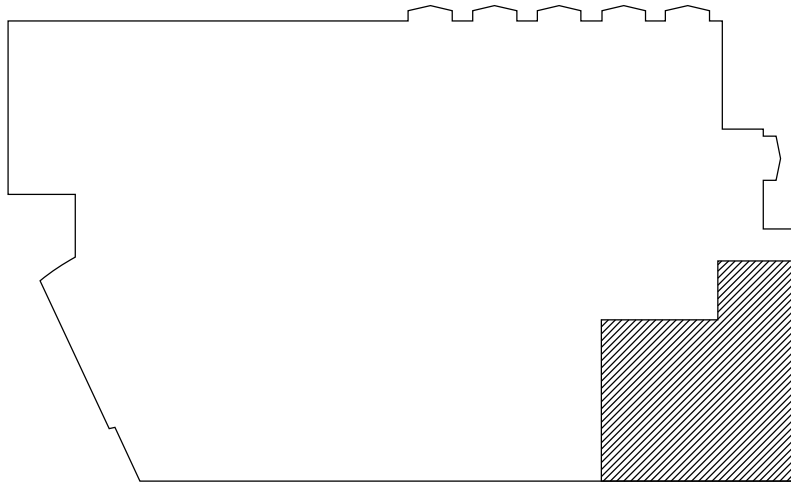
Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eypae.com

EYP/

CONSULTANTS:



Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07011-1613 (201) 459-6633 / 201-459-6634
e-mail: gbmorris@mba.com



KEY PLAN:

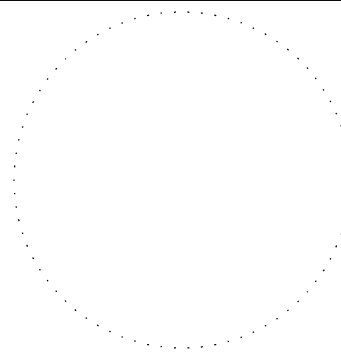
1	DOE REVISED SUBMISSION	05/04/09
NO.	REVISION/SUBMISSION	DATE

DESIGN - BUILD
CONTRACT DOCUMENTS

Newark Public Schools / NJSDA
Elliott Street School

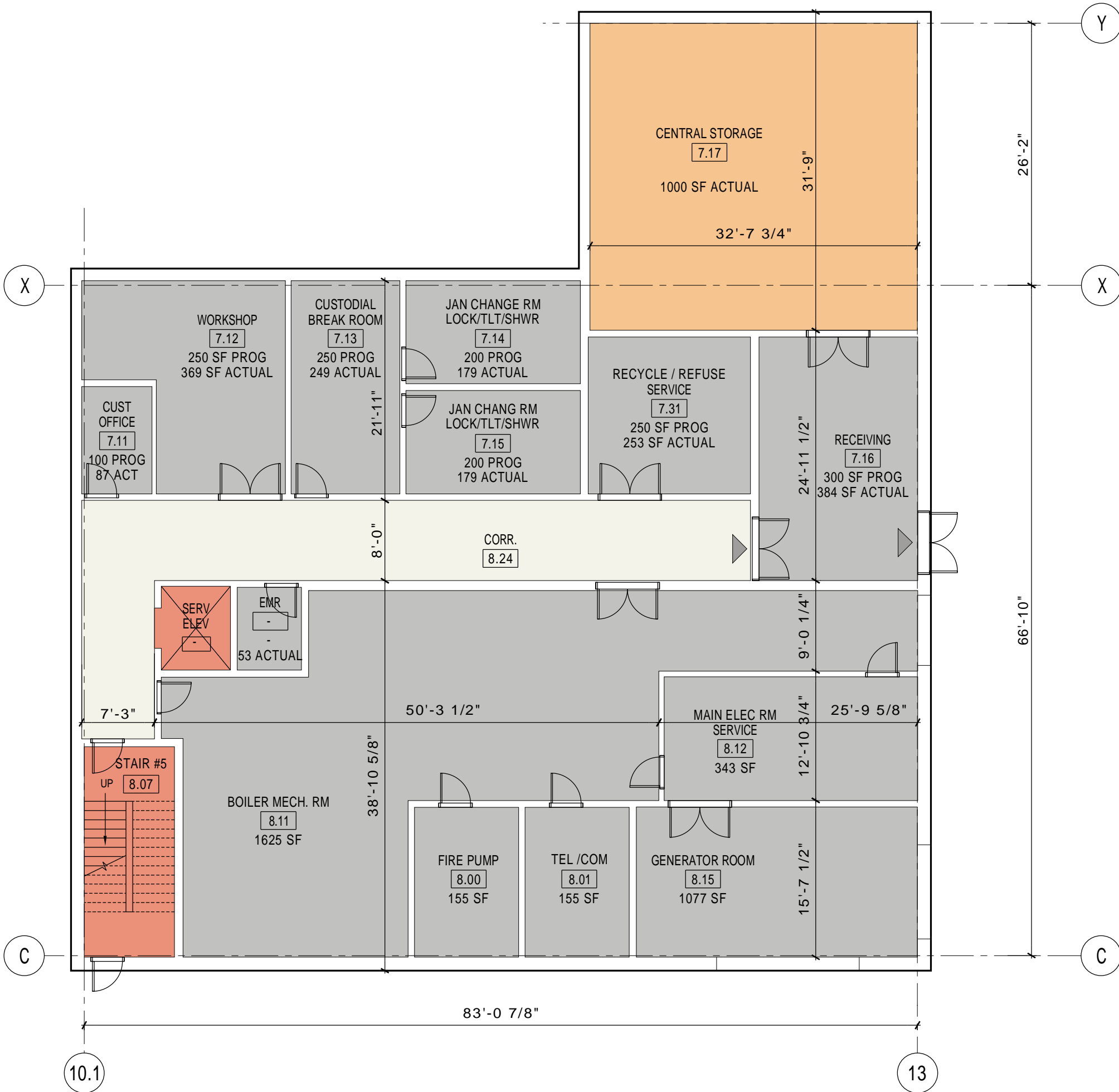
Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 3/32" = 1'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: CI / RH
CHECKED BY: JCS



BASEMENT FLOOR PLAN

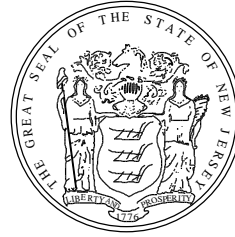
A100



- GENERAL NOTES:
- CORRIDOR / CIRCULATION WIDTHS SHOWN ARE MINIMUMS AS REQUIRED BY CODE. NPS PREFERS WIDER CORRIDORS AND LOBBY AREAS WHEREVER POSSIBLE.
 - FINAL DESIGN SHALL COMPLY WITH CURRENT VERSION OF SDA DESIGN MANUAL - APPENDIX C - BEST PRACTICES STANDARDS. D-B TEAM SHALL MEET WITH SDA AND DCA EARLY IN DESIGN PHASE TO ASSURE COMPLIANCE.
 - SEE FINISHES MATRIX FOR CEILING HEIGHTS.

CIRCULATION	CLINIC	NURSE	OFFICE	COMMON	MUSIC/ARTS	SCIENCE	MEDIA SCIENCE	SUPPORT	KITCHEN
GRADE PRE K	GRADE K	GRADE 1-2	GRADE 3	SE	GRADE 4-5	SGI	GRADE 6-8	STAIR/ELEVATOR	

LEVEL	AREA
BASEMENT	6,901 SF
FLOOR 1	62,905 SF
FLOOR 2	34,010 SF
FLOOR 3	23,037 SF
GROSS AREA	126,843 SF



ARCHITECTS AND ENGINEERS:

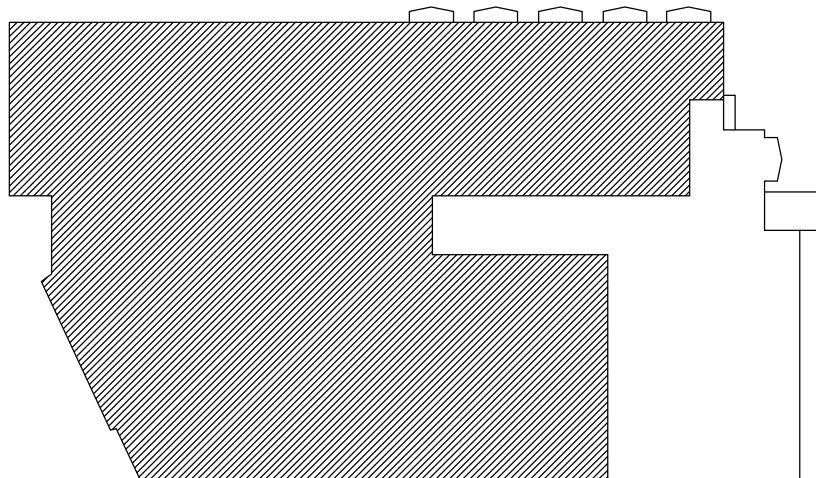
Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eyppac.com

EYP/

CONSULTANTS:

KSE
KS Engineers, P.C.

Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 100, 07101 Tel: 973.725.4500 Fax: 973.725.0281
e-mail: gbmorris@mba.com



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CONTRACT DOCUMENTS

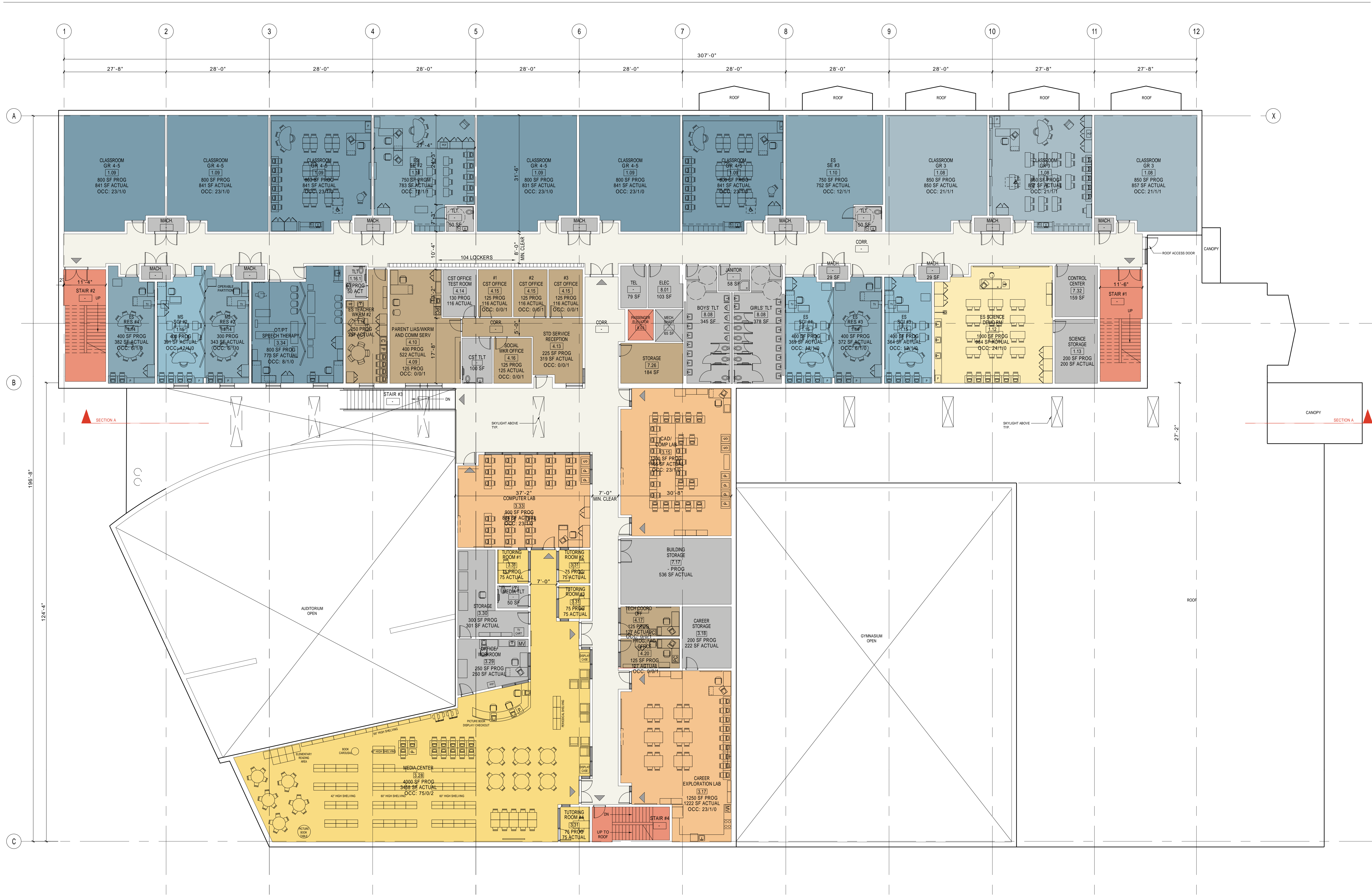
Newark Public Schools / NJSDA
Elliott Street School

Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 3/32" = 1'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: CI / RH
CHECKED BY: JCS

SECOND FLOOR PLAN

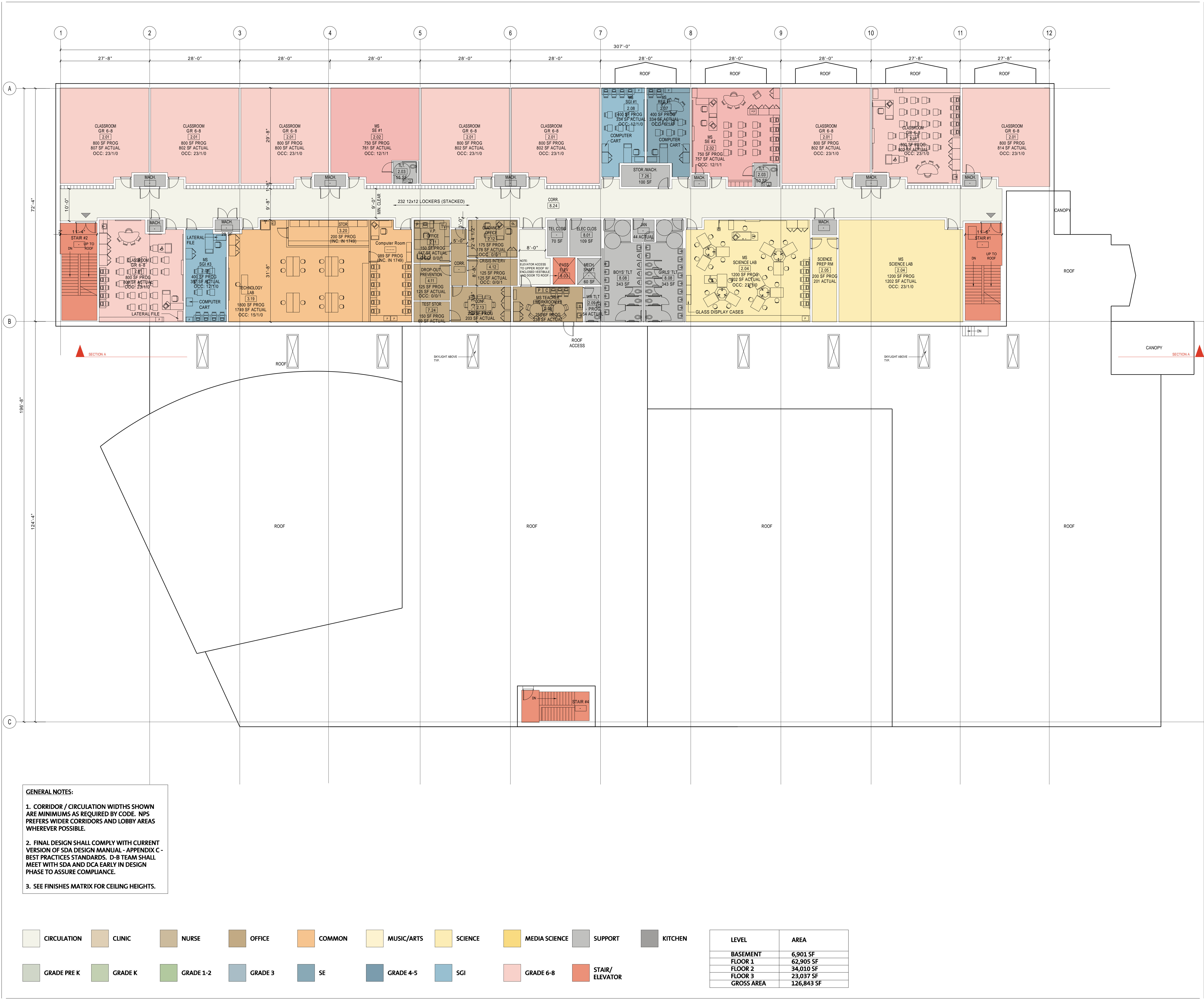
A102



- GENERAL NOTES:
- CORRIDOR / CIRCULATION WIDTHS SHOWN ARE MINIMUMS AS REQUIRED BY CODE. NP5 PREFERS WIDER CORRIDORS AND LOBBY AREAS WHEREVER POSSIBLE.
 - FINAL DESIGN SHALL COMPLY WITH CURRENT VERSION OF SDA DESIGN MANUAL - APPENDIX C - BEST PRACTICES STANDARDS. D-B TEAM SHALL MEET WITH SDA AND DCA EARLY IN DESIGN PHASE TO ASSURE COMPLIANCE.
 - SEE FINISHES MATRIX FOR CEILING HEIGHTS.

CIRCULATION	CLINIC	NURSE	OFFICE	COMMON	MUSIC/ARTS	SCIENCE	MEDIA SCIENCE	SUPPORT	KITCHEN
GRADE PRE K	GRADE K	GRADE 1-2	GRADE 3	SE	GRADE 4-5	SGI	GRADE 6-8	STAIR/ELEVATOR	

LEVEL	AREA
BASEMENT	6,901 SF
FLOOR 1	62,905 SF
FLOOR 2	34,010 SF
FLOOR 3	23,037 SF
GROSS AREA	126,843 SF



- GENERAL NOTES:
- CORRIDOR / CIRCULATION WIDTHS SHOWN ARE MINIMUMS AS REQUIRED BY CODE. NP5 PREFERS WIDER CORRIDORS AND LOBBY AREAS WHEREVER POSSIBLE.
 - FINAL DESIGN SHALL COMPLY WITH CURRENT VERSION OF SDA DESIGN MANUAL - APPENDIX C - BEST PRACTICES STANDARDS. D-B TEAM SHALL MEET WITH SDA AND DCA EARLY IN DESIGN PHASE TO ASSURE COMPLIANCE.
 - SEE FINISHES MATRIX FOR CEILING HEIGHTS.

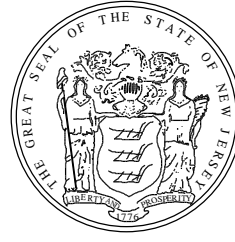
CIRCULATION	CLINIC	NURSE	OFFICE	COMMON	MUSIC/ARTS	SCIENCE	MEDIA SCIENCE	SUPPORT	KITCHEN
GRADE PRE K	GRADE K	GRADE 1-2	GRADE 3	SE	GRADE 4-5	SGI	GRADE 6-8	STAIR/ELEVATOR	

LEVEL	AREA
BASEMENT	6,901 SF
FLOOR 1	62,905 SF
FLOOR 2	34,010 SF
FLOOR 3	23,037 SF
GROSS AREA	126,843 SF

SDA

NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

STATE OF NEW JERSEY



ECONOMIC DEVELOPMENT AUTHORITY

ARCHITECTS AND ENGINEERS:

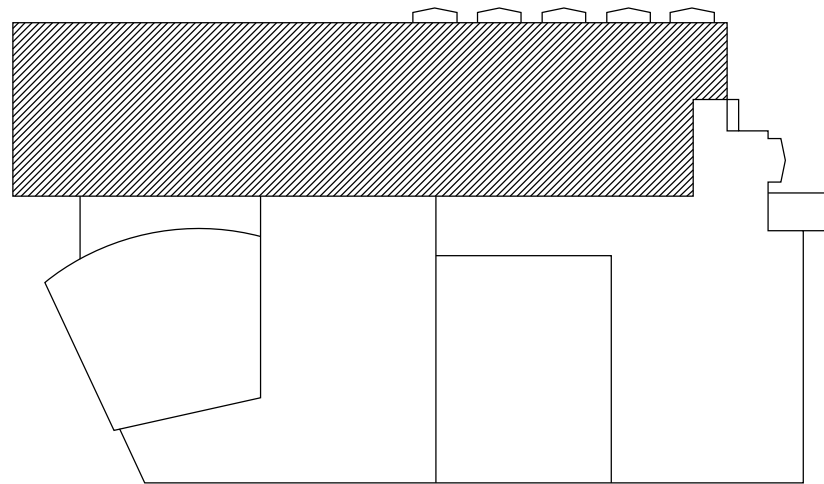
Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eyppac.com

EYP/

CONSULTANTS:

KSE
KS Engineers, P.C.

Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07071 Tel: 973.329.4500 Fax: 973.725.0261
e-mail: gbmorris@mba.com



KEY PLAN:

1	DOE REVISED SUBMISSION	05/04/09
NO.	REVISION/SUBMISSION	DATE

DESIGN - BUILD CONTRACT DOCUMENTS

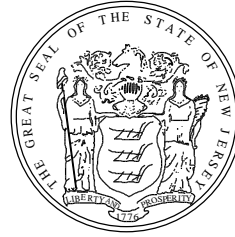
Newark Public Schools / NJSDA
Elliott Street School

Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 3/32" = 1'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: CI / RH
CHECKED BY: JCS

THIRD FLOOR PLAN

A103



ARCHITECTS AND ENGINEERS:

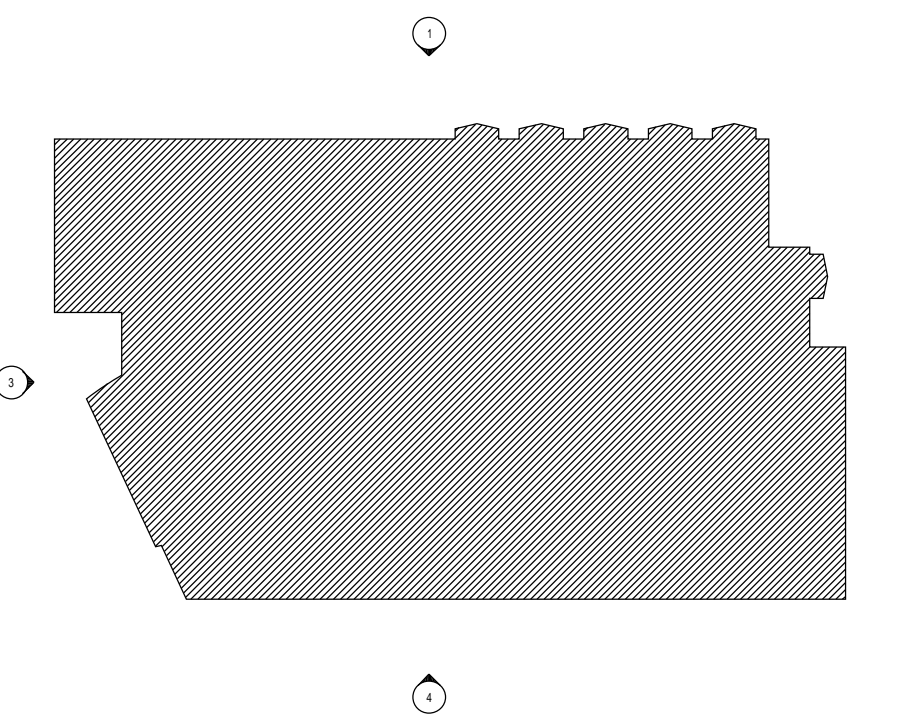
Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eypac.com

EYP/

CONSULTANTS:



Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07101 Tel: 973 729 4500 Fax: 973 729 0261
mbo@mbaonline.com



KEY PLAN:

1	DOE REVISED SUBMISSION	05/04/09
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DESIGN - BUILD
CONTRACT DOCUMENTS

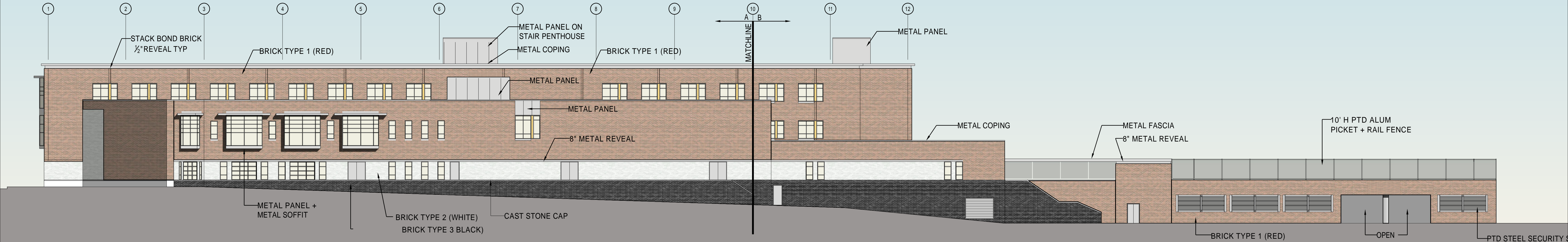
Newark Public Schools / NJSDA
Elliott Street School

Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 1/16" = 1'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: CI / RH
CHECKED BY: JCS

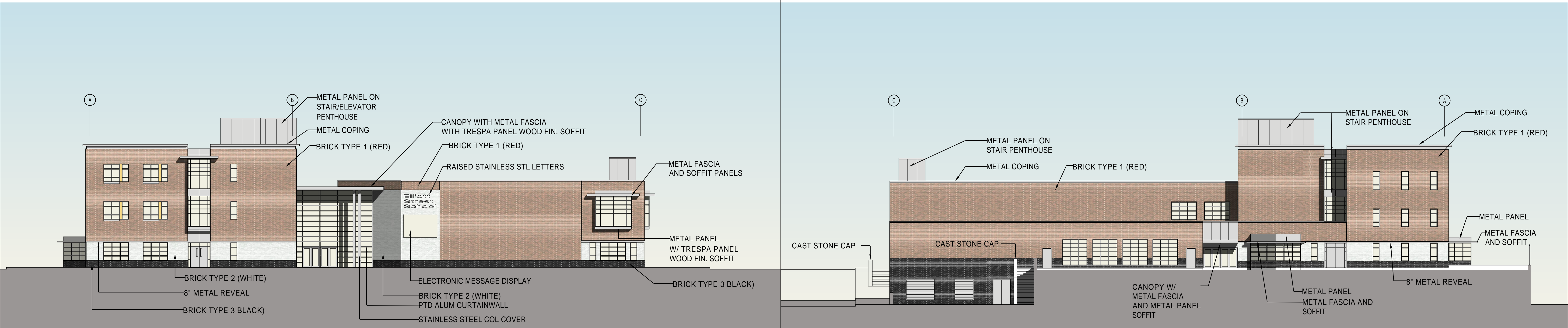
BUILDING ELEVATIONS

A200



4 ELLIOTT STREET ELEVATION

1/16" = 1'-0"



3 SUMMER AVENUE ELEVATION

1/16" = 1'-0"

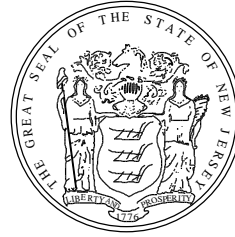
2 EAST ELEVATION / SECTION

1/16" = 1'-0"



1 GRAFTON AVENUE ELEVATION

1/16" = 1'-0"



ARCHITECTS AND ENGINEERS:

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eypac.com

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CONSULTANTS:

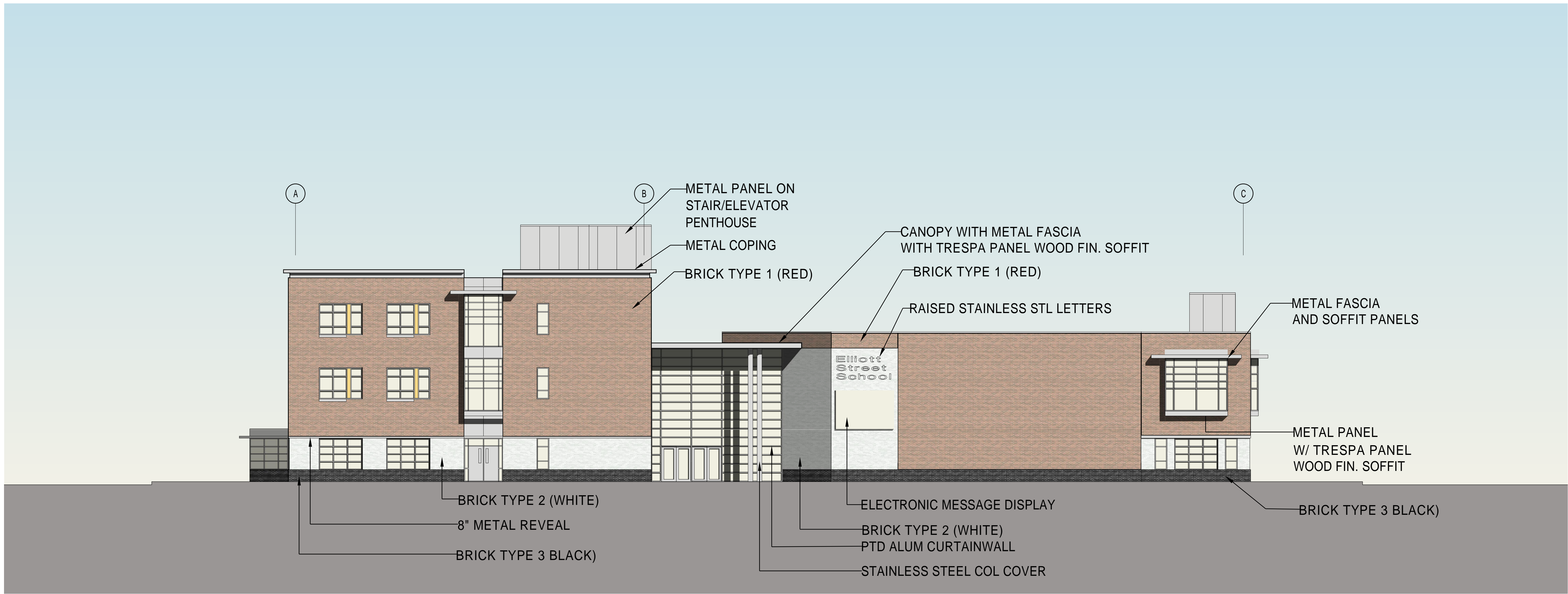
KSE
KS Engineers, P.C.

Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07101 / Tel: 973 / 224-6500 / Fax: 973 / 725-0261
e-mail: gboyd@mba.com



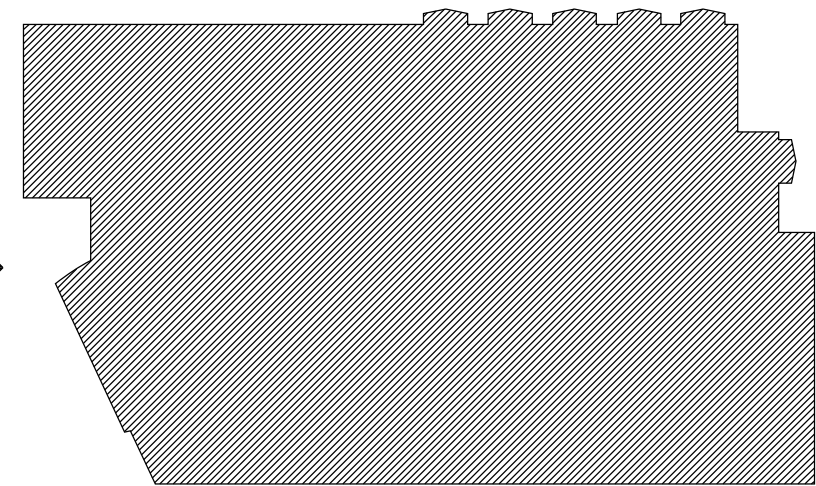
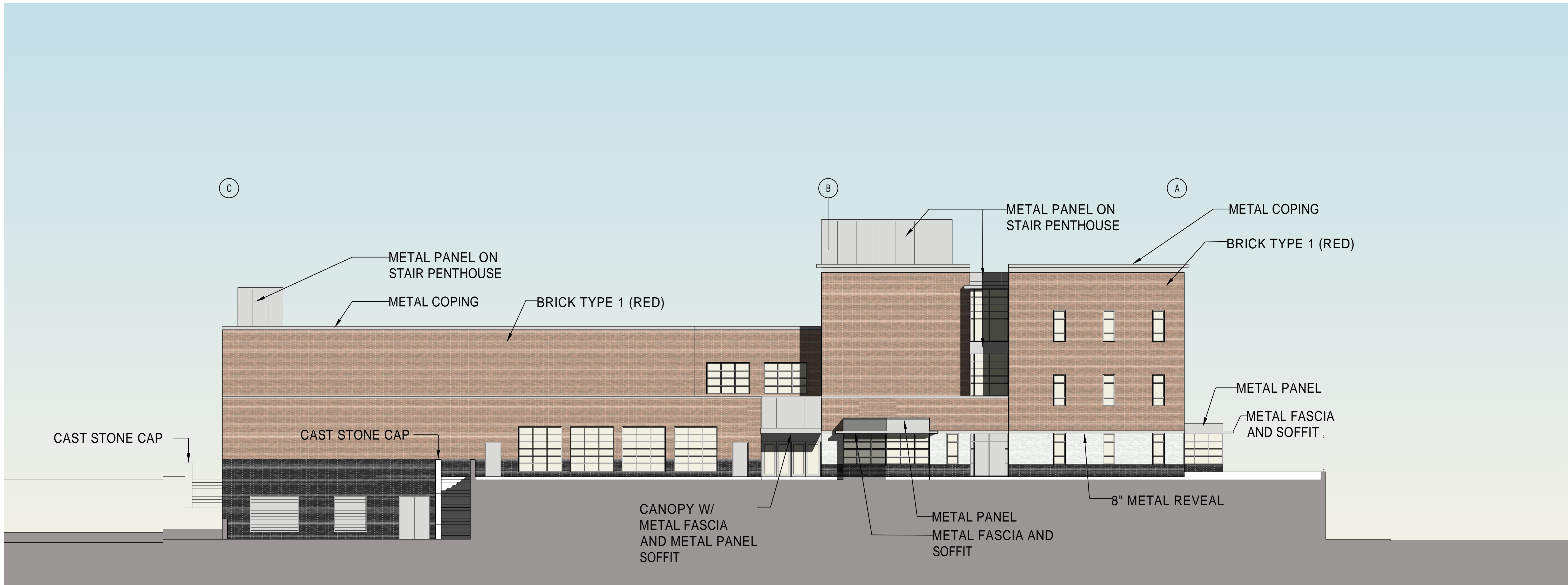
2 SUMMER AVENUE ELEVATION

3/32" = 1'-0"



1 EAST ELEVATION / SECTION

3/32" = 1'-0"



KEY PLAN:

1	DOE REVISED SUBMISSION	05/04/09
NO.	REVISION/SUBMISSION	DATE

DESIGN - BUILD
CONTRACT DOCUMENTS

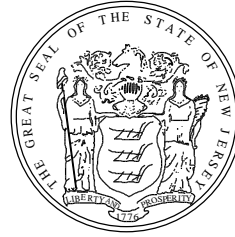
Newark Public Schools / NJSDA
Elliott Street School

Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 3/32" = 1'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
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CHECKED BY: JCS

BUILDING ELEVATIONS

A201



ARCHITECTS AND ENGINEERS:

Einhorn Yaffee Prescott
Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eypae.com

EYP/

CONSULTANTS:



Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07011-1613 (201) 459-8633 (201) 459-8634
mbo@mbaonline.com



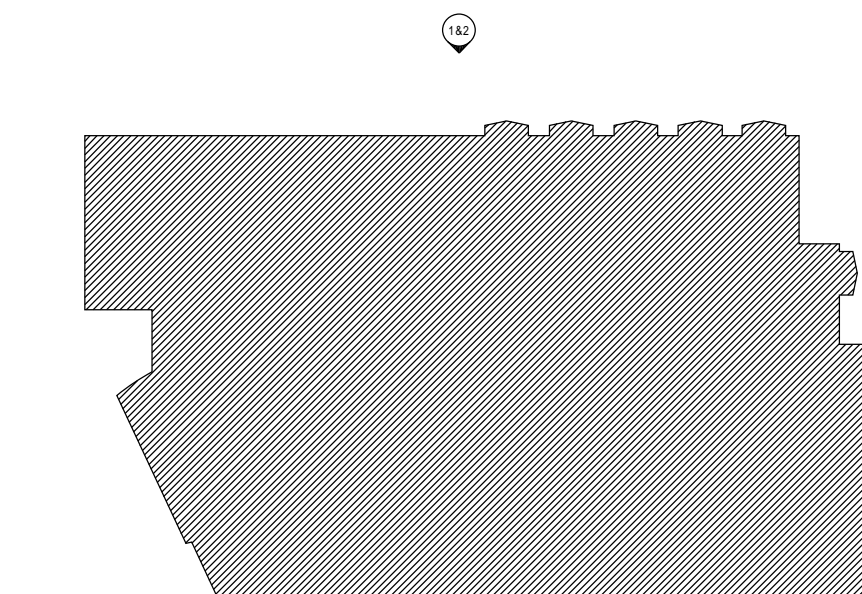
2 GRAFTON AVENUE ELEVATION

3/32" = 1'-0"



1 GRAFTON AVENUE ELEVATION

3/32" = 1'-0"



KEY PLAN:

1	DOE REVISED SUBMISSION	05/04/09
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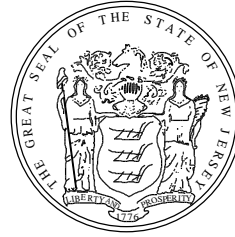
DESIGN - BUILD
CONTRACT DOCUMENTS

Newark Public Schools / NJSDA
Elliott Street School

Newark, NJ Essex County
SDA PROJ. NO. - NE - 0067 - B01
STATE PROJ. NO. - 3570 - 390 - 04 - 1000

DATE: 05.04.2009
SCALE: 3/32" = 1'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: CI / RH
CHECKED BY: JCS

BUILDING ELEVATIONS



ARCHITECTS AND ENGINEERS:

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Architecture & Engineering, P.C.
412 Broadway
P.O. Box 617
Albany, NY 12201-0617
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Fax: 518.431.3333
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CONSULTANTS:

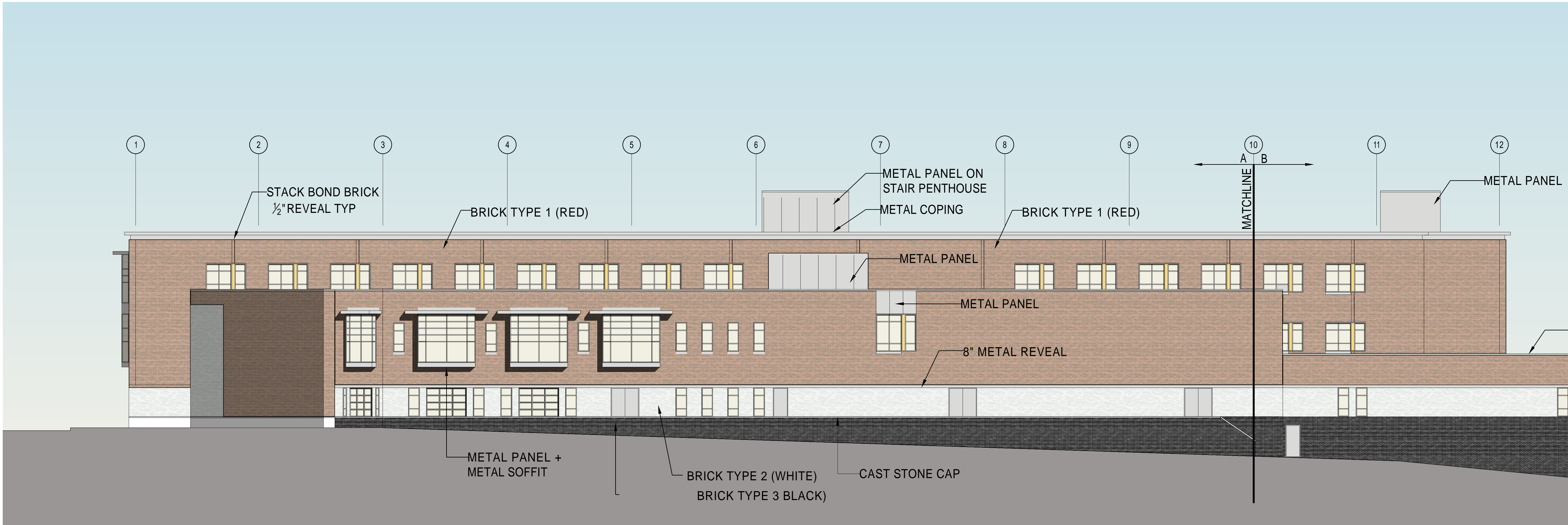


Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07101-1613 (201) 459-6633 (201) 725-0261
mboi@morrisboyd.com



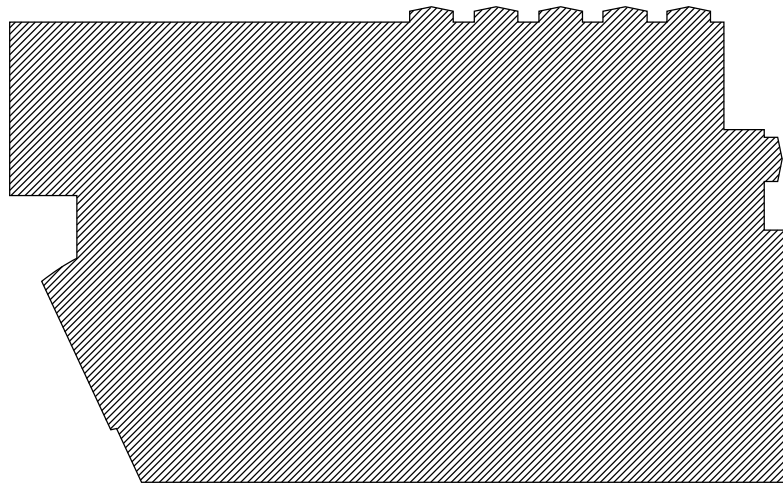
2 GRAFTON AVENUE ELEVATION

3/32" = 1'-0"



1 GRAFTON AVENUE ELEVATION

3/32" = 1'-0"



KEY PLAN:

1	DOE REVISED SUBMISSION	05/04/09
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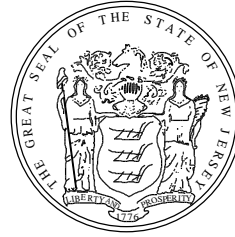
Newark Public Schools / NJSDA
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DATE: 05.04.2009
SCALE: 3/32" = 1'-0"
EYP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: CI / RH
CHECKED BY: JCS

BUILDING ELEVATIONS

A203



ARCHITECTS AND ENGINEERS:

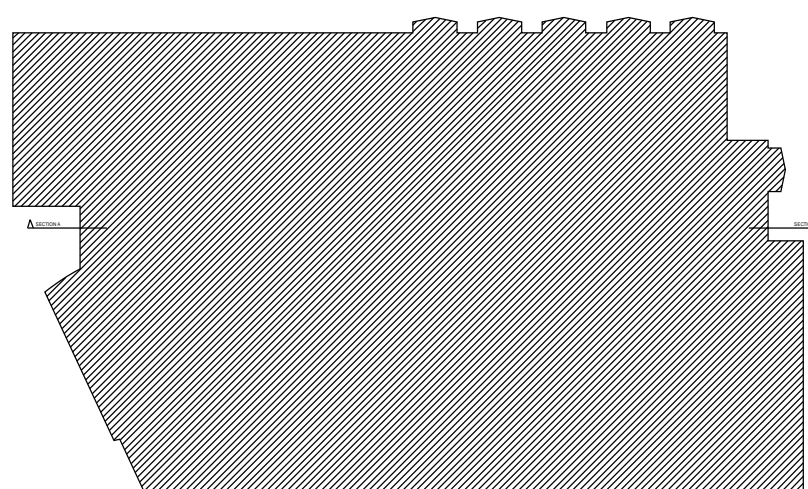
Einhorn Yaffee Prescott
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Albany, NY 12201-0617
Telephone: 518.431.3300
Fax: 518.431.3333
eypae.com

EYP/

CONSULTANTS:



Morris Boyd Associates
EDUCATIONAL PLANNERS
4 Kennedy Plaza, Suite 160, 07011 Tel: 973 729 4500 Fax: 973 729 0261
e-mail: gbmorris@aol.com



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DATE: 05.04.2009
SCALE: 3/32" = 1'-0"
EVP PROJECT NO. 1007026.01
DESIGNED BY: MW
DRAWN BY: CI / RH
CHECKED BY: JCS

BUILDING SECTION /
ELEVATION

A204

