

**Addendum #2**

New Jersey Schools Development Authority
Office of Procurement
32 East Front Street
Trenton, NJ 08625
Phone: 609-858-2984
Fax: 609-656-4609

Date: October 5, 2015

PROJECT #: NT-0050-B01
New Leonard Place Elementary School
Passaic Public Schools

DESCRIPTION: Addendum #2

This addendum shall be considered part of the Design-Build Information Package issued in connection with the above-referenced project. Should information contained in this Addendum conflict with the Design-Build Information Package, this Addendum shall supercede the relevant information in the Design-Build Information Package.

A. CHANGES TO THE PROCUREMENT PROCESS:

1. Not applicable.

B. CHANGES TO THE PROJECT MANUAL:

NOTE that modifications to the following items will be shown as follows: additions in **bold and underlined** text; deletions in *strikethrough and italics*.

1. Volume 1 Modifications to Division 1 General Requirements

- a. MODIFY:** In Specification Section 01900 (“Commissioning”), Section 1.3 (“Definitions”), modify Subparagraph A.6.a as follows:
 - a.** The Commissioning Agent shall be responsible for **oversight and coordination of** all Commissioning activities including preparation and submission of all documentation required by the United States Green Building Council **by the Project LEED Specialist** for the application for and completion of LEED certification.

C. CHANGES TO THE PERFORMANCE SPECIFICATIONS:

1. **MODIFY:** In Section PS1030.00, Project Criteria, modify Paragraph I.B.2.a. as follows:
 - a. Retain an acoustical engineer certified by INCE or a similarly recognized professional acoustics organization, **or with the minimum combination of education and experience required to qualify for INCE Certification**, to perform required Noise Study and to provide certification of design compliance, inspection and/or field testing to demonstrate compliance with project requirements.

2. **ADD:** Add Section B3020.00, Roof Appurtenances, included herewith as Attachment 2.1.

3. **ADD:** In Section C1090.70, Storage Specialties, add Paragraph II.C.3. as follows:
 3. **Provide 6" high concrete or concrete masonry base at all locker locations, with painted finish and base to match adjacent wall surfaces.**

4. **ADD:** In Section D1010.00, Vertical Conveying Systems, add Paragraph I.C.2.a. as follows:
 - a. **Provide an elevator cab that complies with code requirements for stretcher accommodation irrespective of building height.**

5. **MODIFY:** In Section D4010.10, Water-Based Fire Protection, modify Paragraph I.A.11.a.(1) as follows:
 - (1) Provide ~~4"~~ **5"** Storz connections with Knox StorzGuard locking caps.

6. **ADD:** In Section D5040.10, Lighting Controls, add Paragraph I.A.3. as follows:
 3. **Provide a unified lighting control system consisting of products of a single manufacturer and enabling control of all interior and exterior lighting utilizing a single web-based platform.**

7. **MODIFY:** In Section D5040.30, Interior Lighting, modify Paragraph II.A.7. as follows:
 7. Corridors: Recessed 2' x 4' **2-lamp fluorescent LED** with white reflector and **12 baffles 52% open perforated metal diffuser; similar to Basis-of-Design_Lithonia Series 2ES8P 2AVL.**

8. **MODIFY:** In Section D7050.00, Detection and Alarm, modify Section III as follows:

B. Provide fire alarm cable installed in conduit or raceway. Do not install loose fire alarm cable.

~~1. Do not use:~~

~~a. Loose fire alarm cable without raceway~~

C. Provide fire alarm cable and raceway in accordance with code and as follows:

1. Shafts: Armored cable assemblies labeled for fire alarm usage.

2. MDF and IDF rooms: Armored cable assemblies labeled for fire alarm usage.

3. Fire alarm system equipment rooms: Armored cable assemblies labeled for fire alarm usage.

4. Loading docks, mechanical rooms and elevator equipment rooms: Rigid steel conduit.

5. Hoistways: Rigid metal conduit.

6. Pre-action and chemical fire suppression systems, exhaust hoods: Rigid metal conduit.

D. Where cables and raceways pass through floors or walls, provide rigid steel conduit or intermediate metal conduit to a height of 7'-0" above finish floor.

E. Install cables in accordance with code and at intervals not exceeding 60" on center, and within 12" of every associated cabinet, box or fitting. Secure with fittings designed for use so as to avoid damage to cable.

F. Wiring for audible and visual alarm notification devices shall be arranged so that a loss of a portion of the wiring on a floor will not render more than 60 percent of the devices of each type inoperative. Devices shall be connected to circuitry (i.e., by means of alternate circuits) so as to maintain at least partial audibility and visibility throughout the entire floor.

9. **MODIFY:** In Section G4010.00, Site Electrical Distribution Systems, modify Paragraph I.B.3. as follows:

3. Appearance: Provide underground electrical power distribution ~~with~~ from pad mounted transformers to the mechanical room. Overhead power shall be furnished by the local utility.

10. **MODIFY:** In Section G4010.00, Site Electrical Distribution Systems, modify Paragraph II.C. as follows:

C. Conduits

1. Use one or more of the following:
 - a. Nonmetallic conduit with wires for direct burial.
 - b. Nonmetallic conduit with wires to be encased in concrete.
 - ~~c. Intermediate metal conduit.~~
2. Do not use:
 - a. Rigid metal conduit.
 - ~~b. Rigid nonmetallic conduit.~~
 - ~~c.~~ **b.** Electrical metallic tubing.

11. **MODIFY:** In Section G5010.00, Site Communications Systems, modify Paragraph II.C. as follows:

C. Conduits

1. Use one or more of the following:
 - a. Nonmetallic conduit with wires for direct burial.
 - b. Nonmetallic conduit with wires to be encased in concrete.
 - ~~c. Intermediate metal conduit.~~
2. Do not use:
 - a. Rigid metal conduit.
 - ~~b. Rigid nonmetallic conduit.~~
 - ~~c.~~ **b.** Electrical metallic tubing.

D. CHANGES TO THE DRAWINGS:

1. **REPLACE:** Drawing S-101 Site Plan, dated August 7, 2015, with Revised Drawing S-101 Site Plan, dated September 28, 2015, issued herewith as Attachment 2.2. All other plans, sections and elevations are modified accordingly by implication.
2. **REPLACE:** Drawing A-101 1st Floor Plan, dated August 7, 2015, with Revised Drawing A-101 1st Floor Plan, dated September 28, 2015, issued herewith as Attachment 2.3. All other plans, sections and elevations are modified accordingly by implication.

3. **REPLACE:** Drawing A-102 2nd Floor Plan, dated August 7, 2015, with Revised Drawing A-102 2nd Floor Plan, dated September 28, 2015, issued herewith as Attachment 2.4. All other plans, sections and elevations are modified accordingly by implication.
4. **REPLACE:** Drawing A-103 3rd Floor Plan, dated August 7, 2015, with Revised Drawing A-103 3rd Floor Plan, dated September 28, 2015, issued herewith as Attachment 2.5. All other plans, sections and elevations are modified accordingly by implication.
5. **REPLACE:** Drawing A-104 Roof Plan, dated August 7, 2015, with Revised Drawing A-104 Roof Plan, dated September 28, 2015, issued herewith as Attachment 2.6. All other plans, sections and elevations are modified accordingly by implication.
6. **REPLACE:** Drawing A-202 Elevations, dated August 7, 2015, with Revised Drawing A-202 Elevations, dated September 28, 2015, issued herewith as Attachment 2.7. All other plans, sections and elevations are modified accordingly by implication.
7. **REPLACE:** Drawing AI-101 1st Floor Plan – Interior Finishes, dated August 7, 2015, with Revised Drawing AI-101 1st Floor Plan – Interior Finishes, dated September 28, 2015, issued herewith as Attachment 2.8. All other plans, sections and elevations are modified accordingly by implication.
8. **REPLACE:** Drawing AI-102 2nd Floor Plan – Interior Finishes, dated August 7, 2015, with Revised Drawing AI-102 2nd Floor Plan – Interior Finishes, dated September 28, 2015, issued herewith as Attachment 2.9. All other plans, sections and elevations are modified accordingly by implication.
9. **REPLACE:** Drawing AI-103 3rd Floor Plan – Interior Finishes, dated August 7, 2015, with Revised Drawing AI-103 3rd Floor Plan – Interior Finishes, dated September 28, 2015, issued herewith as Attachment 2.10. All other plans, sections and elevations are modified accordingly by implication.

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

1. **Question:** Due to the limited amount of time available before the cut-off date for RFI's on this project, we hereby request an extension to the RFI period of at least two weeks.

Answer: An extension of the Bidder's Question deadline will not be granted.

2. Question: We respectfully request that the RFI Deadline be extended at least 1 week. We have received numerous requests from subcontractors and suppliers requesting more time to review and propose questions for this project. There were several projects out for bid over the last two weeks and they are just getting a chance to review the bid package now. It would be in the owner's best interest to grant more time so as to receive more competitive proposals.

Answer: An extension of the Bidder's Question deadline will not be granted.

3. Question: Please confirm that the Structural Steel fabricator and erector must be AISC certified.

Answer: The SDA does not require this certification, however, the Design-Builder must follow all presiding code requirements.

4. Question: Please confirm that the existing temporary fence will be used under this contract and the contractor will not carry a new temporary fence in its bid. Please advise who will remove the fence and own it after project completion.

Answer: The existing fence must be modified, replaced or relocated by the Design-Builder with a fence complying with the heights requirements and other requirements specified in Section 01500, Temporary Facilities and Controls of the Project Manual.

5. Question: Please advise who is responsible for hiring the commissioning agency and associated costs.

Answer: The Commissioning Agent will be retained by the Design-Builder per the Design-Build Agreement, Appendix A, Special Conditions, A.5 "Commissioning Agent Firm (CxA): Commissioning to be Performed/Engaged by DB." The Commissioning Services to be provided are described in Specifications Section 01900 of the Project Manual.

6. Question: Please confirm that the total allowances for this project is \$1,470,000 and described as follow:

- New Construction allowance \$500,000.
- Fire Sprinkler System Water Supply Allowance \$325,000.
- Emergency Responder System Allowance \$145,000.
- Building Envelope Acoustical Enhancement Allowance \$250,000.
- Subsurface Conditions and Additional Hazardous Materials Abatement Allowance \$250,000

- Answer: Confirmed. The total allowances for this project equals \$1,470,000.00 and is described in Section 01010, Summary of Work, of the Project Manual.
7. Question: Does the proposed gas meter set as shown on the Site Plan S-101 require a secure enclosure per NJDCA Best Practice Standards for Schools under Construction?
- Answer: Yes. See drawing Sheet S-101 Site Plan, dated August 7, 2015; Revised Addendum #1, dated September 28, 2015.
8. Question: If a secure enclosure is required at the gas meter set location shown on the Site Plan, will this enclosure restrict access to the loading dock stairs and/or dumpsters shown at the same location?
- Answer: No. The secured enclosure will not restrict access to the loading dock stairs and/or dumpsters.
9. Question: No ceiling heights are shown on the floor plans. Please provide ceiling heights for all of the rooms that receive a finished ceiling.
- Answer: See Volume 3 of the Performance Specifications, the NJ DOE Approved Documents Preliminary Schematic Design Submission drawings A-101 thru 103, 1st thru 3rd Floor Plans.
10. Question: Specifications indicate Staff, Student and Public Toilet to have Epoxy Painted walls with ceramic tile on only the wet walls. Interior Finish Drawings do not indicate ceramic tile on walls, only epoxy paint (EP). Please confirm if ceramic tile is required as indicated in the specifications.
- Answer: Ceramic tile is required. See Sheet AI-101, AI-102 and AI-103; dated August 7, 2015; Revised Addendum #1, dated September 28, 2015.
11. Question: If required, what is the height of ceramic tile at toilet room wet walls?
- Answer: The height of the ceramic tile at the Toilet Room wet walls will extend from the top of the integral epoxy floor base to the ceiling.
12. Question: What is the finish transition detail between the Integral epoxy wall base and the ceramic wall tile at the wet walls?
- Answer: Extend the integral epoxy wall base 2" behind a bullnose tile, the edge of which aligns with the adjacent base.

13. Question: There are many single toilet rooms which are just labeled "Toilet". Confirm that these are not for student use and which are Men's and which are Women's rooms. This is needed to determine the extent of toilet accessories.

Answer: Toilet rooms have been identified for both Student and Staff usage. See Sheet AI-101, AI-102 and AI-103; dated August 7, 2015; Revised Addendum #1, dated September 28, 2015.

14. Question: There are two rooms on drawing A-101 which have the same room #C-120, Mechanical/In Water Room and Girls Toilet. Please provide corrected Room Numbers.

Answer: The Room C-120 Mechanical/In Water Room is correct. The Girls Toilet Room has been renamed to Women's Toilet #C-122. See Sheet AI-101 and AI-102 dated August 7, 2015; Revised September 28, 2015.

15. Question: There are corridors on the 2nd and 3rd floors which are both labeled C-300A. Please confirm that the 2nd floor corridor should be labeled C-200A.

Answer: The Second Floor Corridor name has been changed to C-200A. See Sheet A-102 and AI-102, dated August 7, 2015; Revised September 28, 2015.

16. Question: The "Post-Demolition / Existing Site Conditions Report" by Dewberry dated August 14, 2015, states on pg. 18, "if a petroleum odor is encountered and excavated soil from this area is to be exported, the D-B Contractor may encounter off-site disposal limitations." Please confirm that the cost for the removal & disposal of impacted materials will be paid for under Summary of Work – Allowances – Specification Section 01010 – 1.4 B. 2. Iii. & iv.

Answer: The bidders are advised that the area "on-site" where the petroleum odor may be encountered was backfilled and compacted with Certified Clean Fill, and this "on-site" backfill and compacted material may be re-used "on-site" without environmental restriction, provided it meets the project's geotechnical specifications. The bidders are advised that excavated soil or fill material containing a petroleum odor may still meet NJDEP's residential direct contact soil remediation standards.

It is, however, possible that soil or fill material containing a petroleum odor may be encountered in the "off-site" right-of-way of Henry Street in proximity to the proposed sanitary sewer connection. It is possible that this "off-site" soil or fill material may contain petroleum odors, and may also exceed NJDEP's residential direct contact soil remediation standards. If this "off-site" material is encountered, and is found to contain compounds

in excess of NJDEP's residential direct contact soil remediation standards, the allowance amount may be utilized for disposal upon proper authorization.

The bidders are further advised that exported soil and fill materials could be rejected by off-site reuse or disposal facilities due to a number of factors, including but not limited to: the presence of petroleum odors, excavated concrete, construction debris, foreign materials, refuse, tree stumps, excavated asphalt, etc. The D-B shall provide for the inspection and testing of all soil and fill materials, and acquisition of all necessary approvals from the disposal and/or reuse facility at its own expense, before it is exported from the site.

17. Question: Please confirm that the cost for the relocation of the existing utility poles as shown on the Proposed Utility Plan Dwg. C-107 will be by Others and not the D-B Contractor.

Answer: The cost to relocate the existing utility poles will be paid for by the NJSDA, however, the Design-Builder is still responsible for coordination of this work.

F. CHANGES TO PREVIOUS ADDENDA:

1. Not applicable.

G. ATTACHMENTS:

1. Attachment 2.1 Section B3020.00, Roof Appurtenances, dated October 2, 2015.
2. Attachment 2.2 Sheet S-101 Site Plan, dated August 7, 2015, with Revised Sheet S-101 Site Plan, dated September 28, 2015.
3. Attachment 2.3 Sheet A-101 1st Floor Plan, dated August 7, 2015, with Revised Sheet A-101 1st Floor Plan, dated September 28, 2015.
4. Attachment 2.4 Sheet A-102 2nd Floor Plan, dated August 7, 2015, with Revised Sheet A-102 2nd Floor Plan, dated September 28, 2015.
5. Attachment 2.5 Sheet A-103 3rd Floor Plan, dated August 7, 2015, with Revised Sheet A-103 3rd Floor Plan, dated September 28, 2015.
6. Attachment 2.6 Sheet A-104 Roof Plan, dated August 7, 2015, with Revised Sheet A-104 Roof Plan, dated September 28, 2015.

7. Attachment 2.7 Sheet A-202 Elevations, dated August 7, 2015, with Revised Sheet A-202 Elevations, dated September 28, 2015.
8. Attachment 2.8 Sheet AI-101 1st Floor Plan – Interior Finishes, dated August 7, 2015, with Revised Drawing AI-101 1st Floor Plan – Interior Finishes, dated September 28, 2015.
9. Attachment 2.9 Sheet AI-102 2nd Floor Plan – Interior Finishes, dated August 7, 2015, with Revised Drawing AI-102 2nd Floor Plan – Interior Finishes, dated September 28, 2015.
10. Attachment 2.10 Sheet AI-103 3rd Floor Plan – Interior Finishes, dated August 7, 2015, with Revised Drawing AI-103 3rd Floor Plan – Interior Finishes, dated September 28, 2015.

H. SUPPLEMENTAL INFORMATION

Any bidder attempting to contact government officials (elected or appointed), including NJSDA Board members, NJSDA Staff, and Selection Committee members in an effort to influence the selection process may be immediately disqualified.

End of Addendum No. 2


NJSDA _____ Date *Oct 9 2015*

Addendum #2

New Jersey Schools Development Authority
Office of Procurement
32 East Front Street
Trenton, NJ 08625
Phone: 609-858-2984
Fax: 609-656-4609

Date: October 5, 2015

PROJECT #: NT-0050-B01
New Leonard Place Elementary School
Passaic Public Schools

DESCRIPTION: Addendum #2

Addendum No. 2

Acknowledgement of Receipt of Addendum

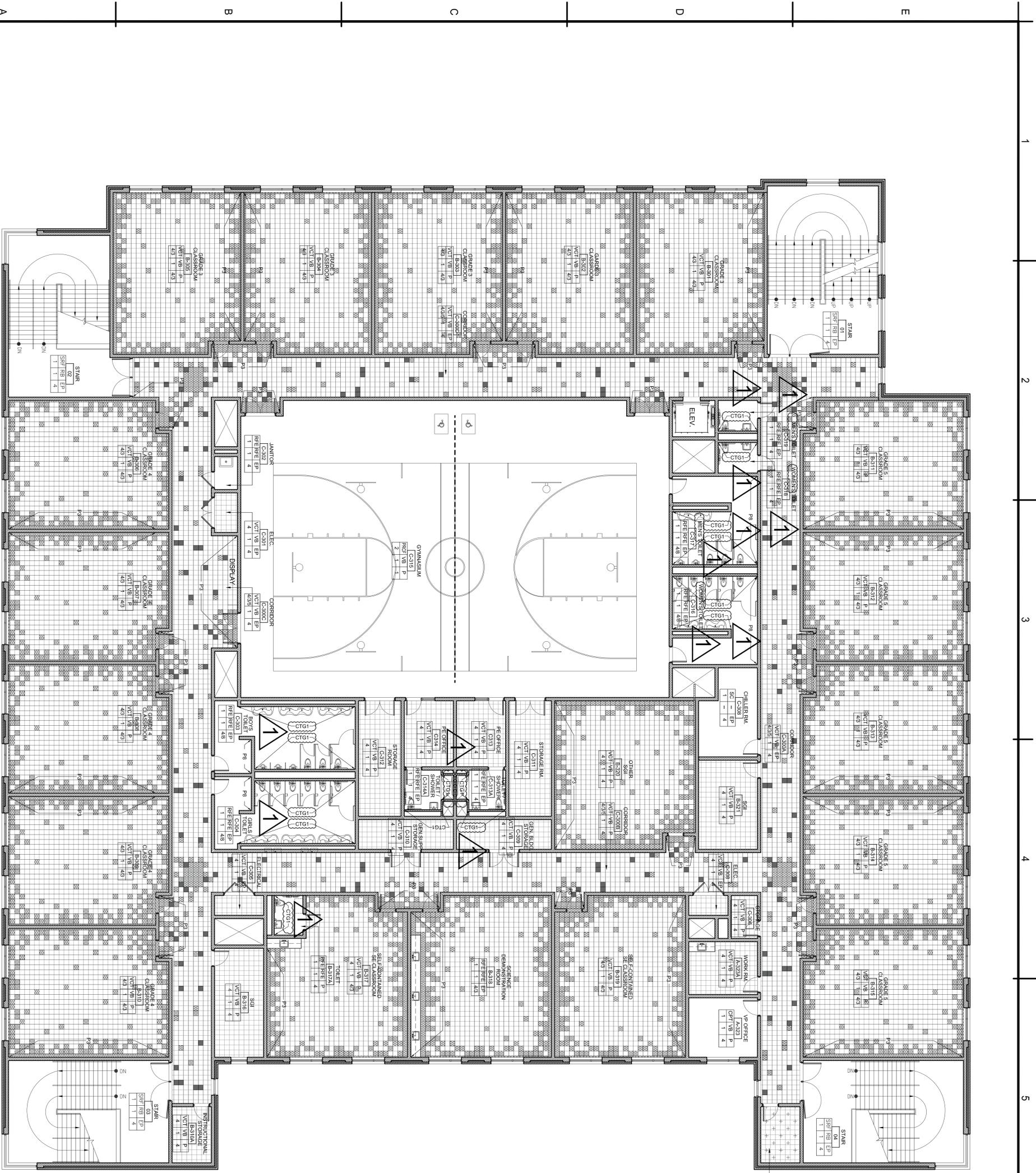
Contractor hereby acknowledges the receipt of the Addendum by signing in the space provided below and returning via fax to (609-656-4609) or email (MATaylor@njsda.gov). Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

Signature

Print Name

Company Name

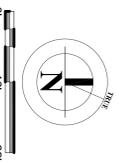
Date



1 3RD FLOOR PLAN
SCALE : 1/8" = 1'-0"

- SEE PERFORMANCE SPECIFICATIONS FOR RESIN FLOOR TYPES.
 RESIN FLOOR - RSE1
 RESIN FLOOR - RSE1
 RUBBER SHEET FLOOR - RSE1
 CARPET - CPT
 POLYURETHANE FLOORING - PRCF1
 POLYURETHANE FLOORING - PRCF2
 WOOD FLOOR - RWFI
 EPOXY PAINT EP
 ACCENT PAINT
 COLOR - P1
 ACCENT PAINT
 COLOR - P2
 ACCENT PAINT
 COLOR - P3
 FIELD PAINT
 COLOR - F4
 ACCENT PAINT
 COLOR - P5
 ACCENT PAINT
 COLOR - P6
 ACCENT PAINT
 COLOR - P7
 ACCENT PAINT
 COLOR - P8
 ACCENT PAINT
 COLOR - P9
 CERAMIC TILE GLAZED
 CTG 1
- NOTES:
 1. VINYL BASE TO BE 4" COVE BASE EXCEPT WHERE OTHERWISE NOTED
 2. PROVIDE 4" HIGH INTEGRAL COVE BASE AT RESIN'S AREAS
 3. ALL WALLS TO BE PAINTED P-4 UNLESS OTHERWISE NOTED
 4. MATERIAL TRANSITIONS TO OCCUR AT CENTERLINE OR DOORWAY
 5. THESE DRAWINGS ARE TO CONVEY DESIGN INTENT FOR FLOORING PATTERN AND ACCENT WALLS ONLY. REFER TO THE EDUCATIONAL AND PERFORMANCE SPECIFICATIONS FOR COMPLETE ROOM FINISH SCHEDULE AND ADDITIONAL DETAILS TO CEILING
 6. CERAMIC TILES WALL FINISH RUNS FROM BASE TO CEILING
 ALL VINYL COMPOSITION THE VCT/IS TO MATCH ARMSTRONG IMPERIAL TEXTURE STANDARD EXCEPT IN THE FOLLOWING COLORS:

- ACCENT TILE COLOR - VCT1
- ACCENT TILE COLOR - VCT2
- ACCENT TILE COLOR - VCT3
- FIELD TILE COLOR - VCT4
- ACCENT TILE COLOR - VCT5
- ACCENT TILE COLOR - VCT6
- ACCENT TILE COLOR - VCT7
- IDP/ND NETWORKING ROOMS



NEW LEONARD PLACE
ELEMENTARY SCHOOL
FOR
PASSAIC SCHOOL DISTRICT
PASSAIC, NEW JERSEY

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

PROJECT TITLE

3RD FLOOR PLAN - INTERIOR FINISHES

SCALE: SEE DWG.

DESIGNED BY: JR

CHECKED BY: KS

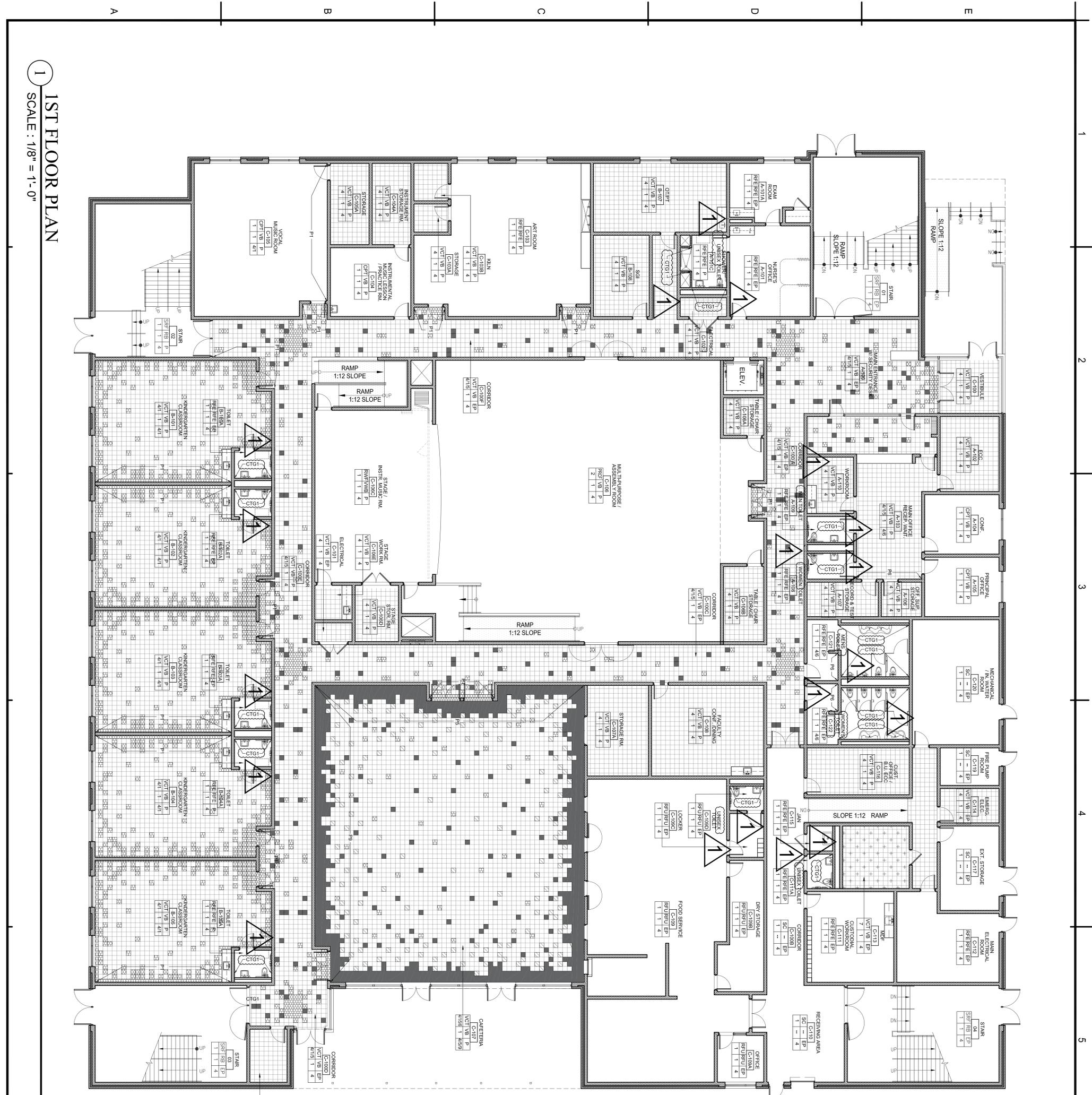
DATE: 08/07/2015

| REVISIONS | SYMBOL | DATE | DESCRIPTION |
|-----------|--------|------------|-------------|
| 1 | | 08-29-2015 | ADD/REMOVE |

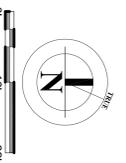
DRAWING #

SIA PROJECT # 3970N11-07-00AV

AI-103



1 1ST FLOOR PLAN
SCALE : 1/8" = 1'-0"



- NOTES:
1. VINYL BASE TO BE 4" COVE BASE EXCEPT WHERE OTHERWISE NOTED
 2. PROVIDE 4" HIGH INTEGRAL COVE BASE AT RESINOUS AREAS
 3. ALL WALLS TO BE PAINTED P-4 UNLESS OTHERWISE NOTED
 4. MATERIAL TRANSITIONS TO OCCUR AT CENTRALINE OF DOORWAY. PATTERNS AND ACCENT WALLS ONLY. REFER TO THE EDUCATIONAL AND PERFORMANCE SPECIFICATIONS FOR COMPLETE ROOM FINISH SCHEDULE AND ADDITIONAL DETAILS
 5. CERAMIC TILE WALL FINISH RUNS FROM BASE TO CEILING
 6. CERAMIC TILE WALL FINISH RUNS FROM BASE TO CEILING
- ALL VINYL COMPOSITION TILE (VCT) IS TO MATCH ARMSTRONG IMPERIAL TEXTURE STANDARD EXCEPT IN THE FOLLOWING COLORS:

| | |
|--|---------------------------|
| | ACCENT TITLE COLOR - VCT1 |
| | ACCENT TITLE COLOR - VCT2 |
| | ACCENT TITLE COLOR - VCT3 |
| | FIELD TITLE COLOR - VCT4 |
| | ACCENT TITLE COLOR - VCT5 |
| | ACCENT TITLE COLOR - VCT6 |
| | ACCENT TITLE COLOR - VCT7 |
| | DE-MDF NETWORKING ROOMS |

- SEE PERFORMANCE SPECIFICATIONS FOR RESIN FLOOR TYPES:
- RESIN FLOOR - REI
 - RESIN FLOOR - REU
 - RUBBER SHEET FLOOR - RSFI
 - CARPET - CTF
 - POURED URETHANE FLOORING - PRCE1
 - POURED URETHANE FLOORING - PRCE2
 - WOOD FLOOR - RWFI
 - EPOXY PAINT EP
 - ACCENT PAINT COLOR P-1
 - ACCENT PAINT COLOR P-2
 - ACCENT PAINT COLOR P-3
 - FIELD PAINT COLOR P-4
 - ACCENT PAINT COLOR P-5
 - ACCENT PAINT COLOR P-6
 - ACCENT PAINT COLOR P-7
 - ACCENT PAINT COLOR P-8
 - ACCENT PAINT COLOR P-9
 - CERAMIC TILE GLAZED CTG1

1ST FLOOR PLAN - INTERIOR FINISHES

SIA PROJECT # : 3970N11-07-00AIV
DRAWING #

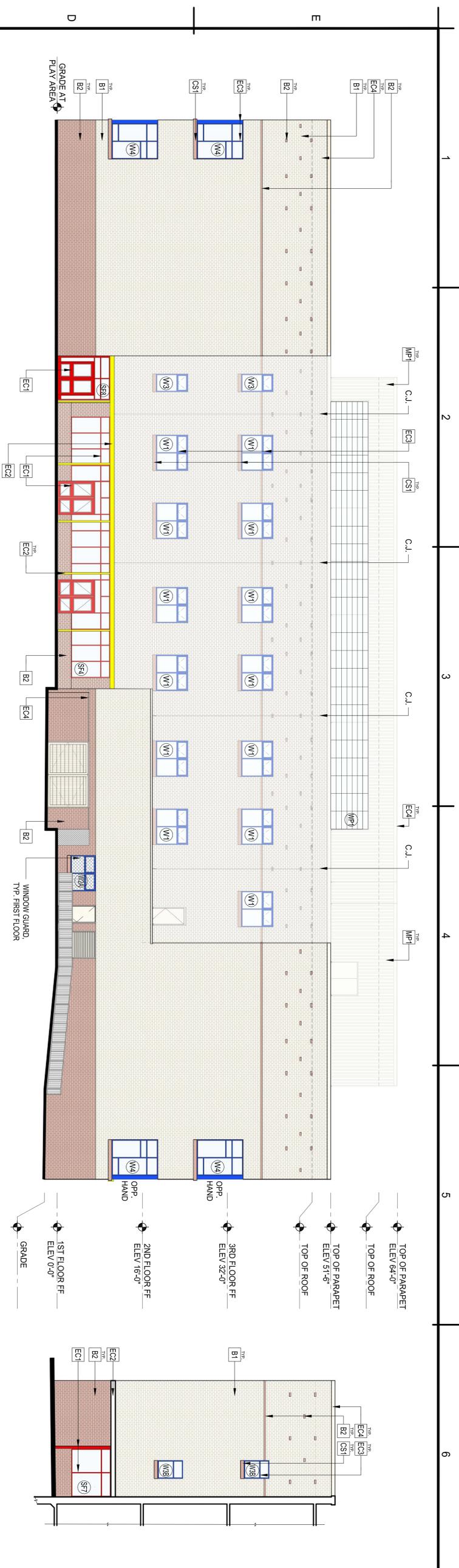
| SYMBOL | DATE | DESCRIPTION |
|--------|------------|---------------|
| 1 | 06-29-2015 | APPROVAL/REV. |

NEW LEONARD PLACE ELEMENTARY SCHOOL FOR PASSAIC SCHOOL DISTRICT PASSAIC, NEW JERSEY



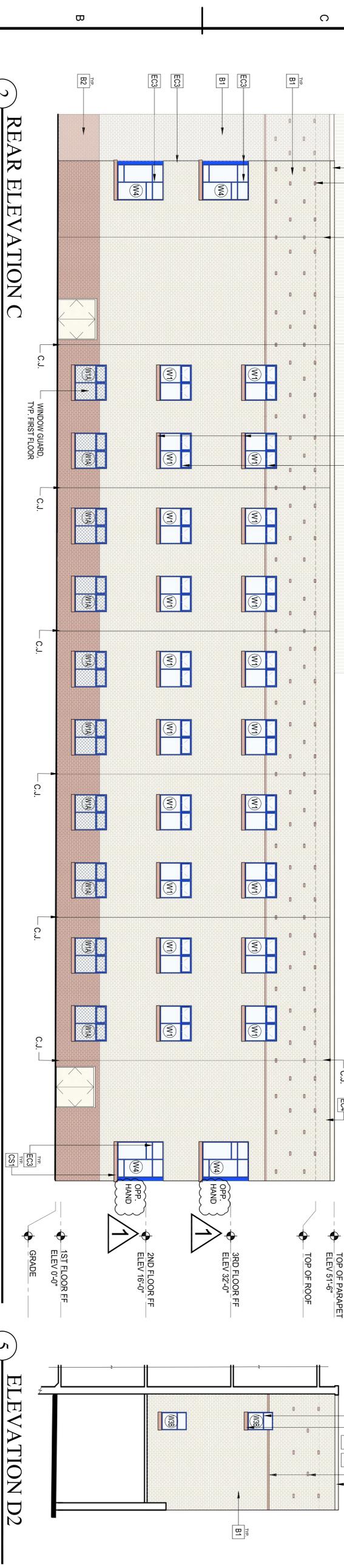
STATE OF NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

AI-101



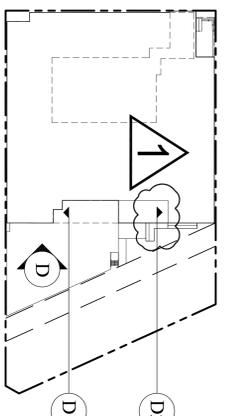
1 SIDE ELEVATION D
SCALE : 1/8" = 1'-0"

4 ELEVATION D1
SCALE : 1/8" = 1'-0"



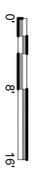
2 REAR ELEVATION C
SCALE : 1/8" = 1'-0"

5 ELEVATION D2
SCALE : 1/8" = 1'-0"



3 KEY PLAN
SCALE : 1/64" = 1'-0"

| LEGEND | |
|--------------------------|--|
| BRICK | |
| B1 | BRICK TYPE - B1 |
| B2 | BRICK TYPE - B2 |
| CAST STONE | |
| CS1 | CAST STONE - CS1 |
| METAL PANEL | |
| MP1 | METAL PANEL - MP1 |
| EXTERIOR COATINGS | |
| EC1 | METAL COLOR - EC1 |
| EC2 | METAL COLOR - EC2 |
| EC3 | METAL COLOR - EC3 |
| EC4 | METAL COLOR - EC4 |
| WINDOW TYPE | |
| WX | SEE PERFORMANCE SPECIFICATION B2020.00 AND EXTERIOR WINDOW ELEVATIONS ON DWG A-601 |
| C.J. | CONTROL JOINT |



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

NEW LEONARD PLACE
ELEMENTARY SCHOOL
FOR
PASSAIC SCHOOL DISTRICT
PASSAIC, NEW JERSEY

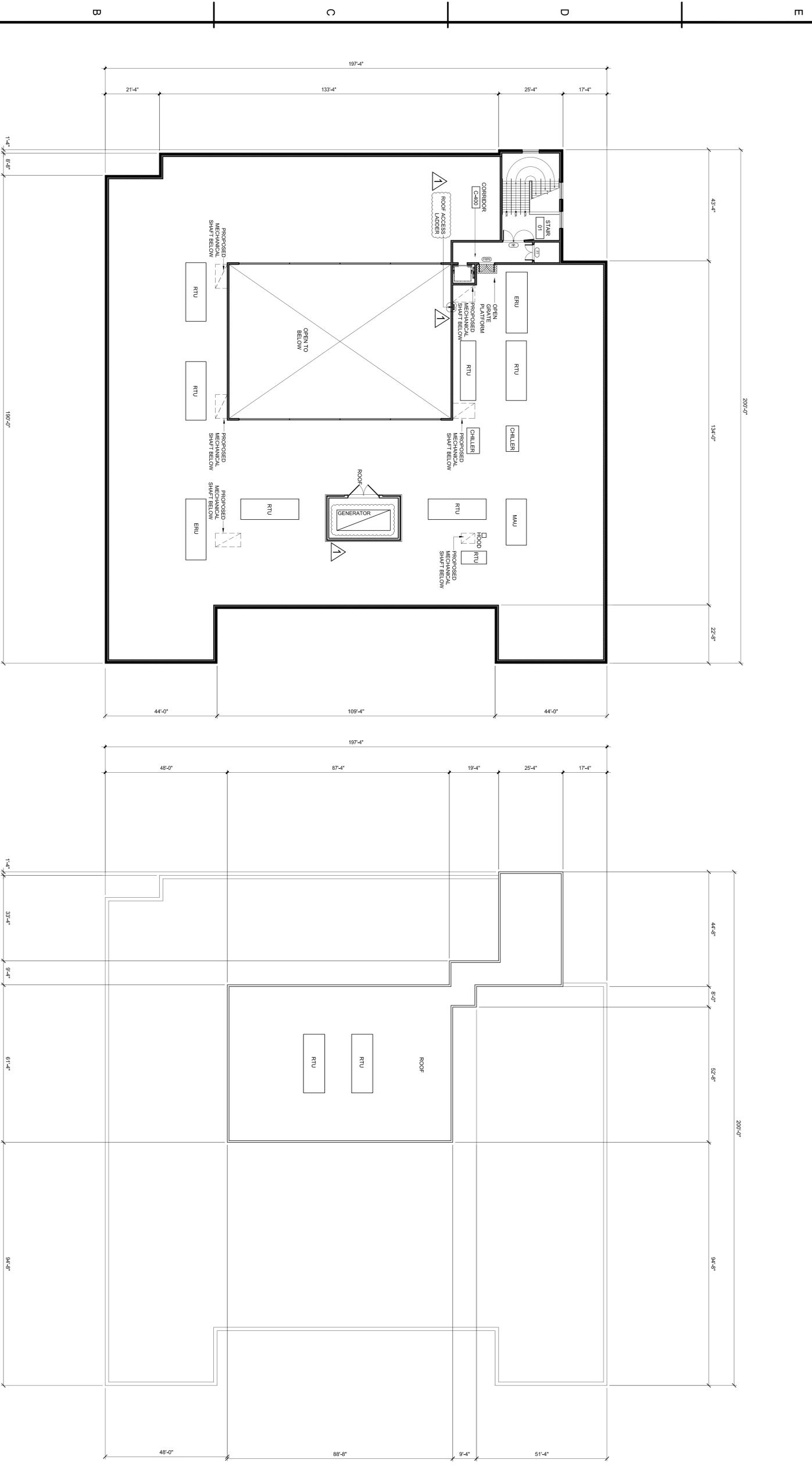
| | | |
|-------------|------------|---------------|
| SCALE | SEE DWG. | |
| DRAWN BY | BRK | |
| CHECKED BY | JK | |
| APPROVED BY | RS | |
| DATE | 08/07/2015 | |
| SYMBOL | DATE | DESCRIPTION |
| 1 | 06/26/2015 | ADDendum REV. |
| REVISIONS | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DRAWING TITLE
ELEVATIONS

S&A PROJECT # 3970111-01-00-040

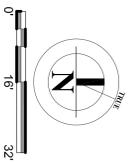
A-202

1 2 3 4 5 6



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

2 ROOF TOP VIEW
SCALE : 1/16" = 1'-0"



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

NEW LEONARD PLACE
ELEMENTARY SCHOOL
FOR
PASSAIC SCHOOL DISTRICT
PASSAIC, NEW JERSEY

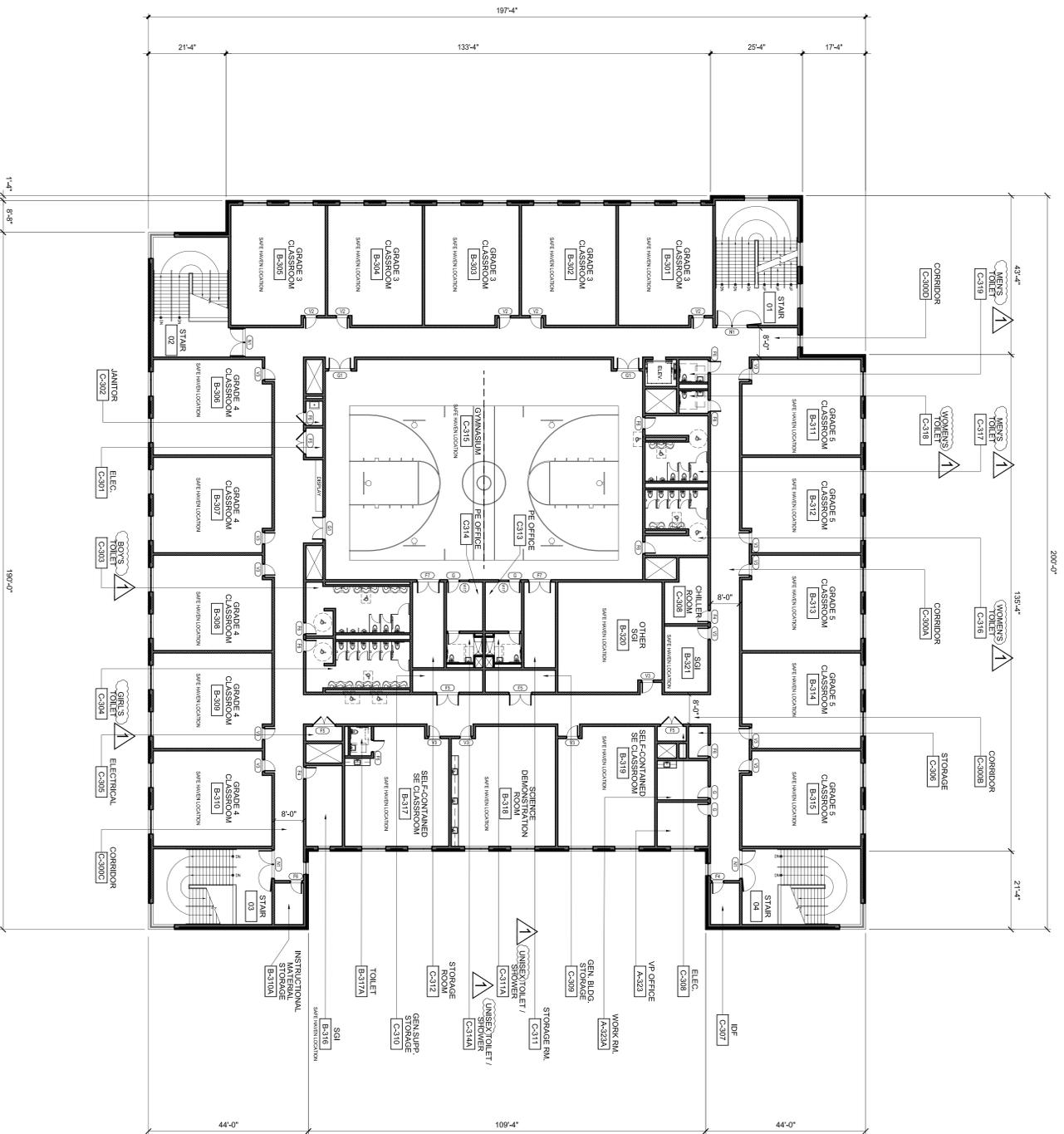
| SYMBOL | DATE | DESCRIPTION |
|--------|------------|---------------|
| 1 | 06-29-2015 | APPROVAL/REV. |

| REVISIONS | SYMBOL | DATE | DESCRIPTION |
|-----------|--------|------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

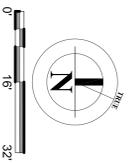
DRAWING TITLE
ROOF PLAN

S.O.A. PROJECT # : 39704N11-07-00A-V
DRAWING #

A-104



1 3RD FLOOR PLAN
SCALE : 1/16" = 1'-0"



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

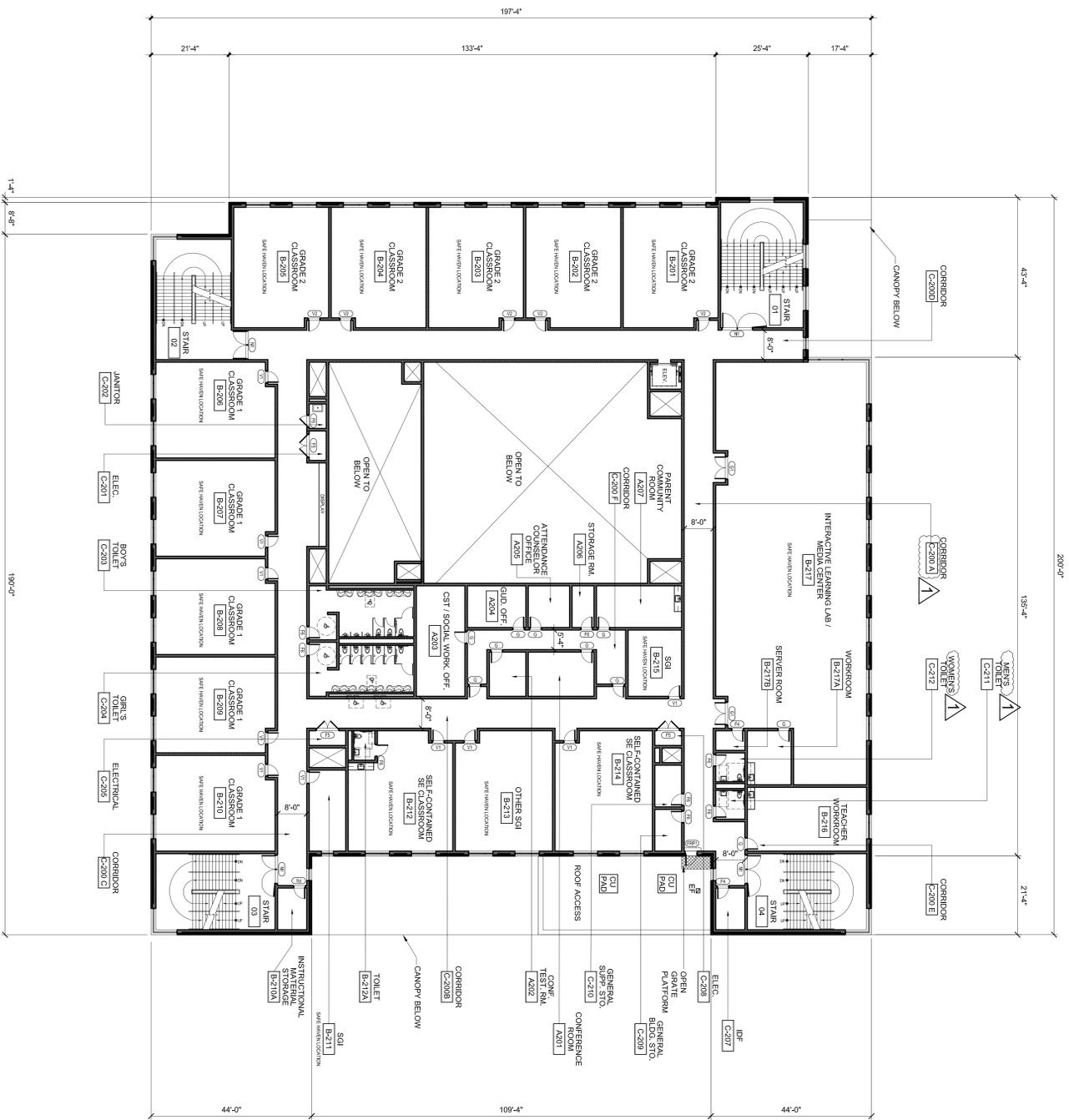
NEW LEONARD PLACE
ELEMENTARY SCHOOL
FOR
PASSAIC SCHOOL DISTRICT
PASSAIC, NEW JERSEY

| | | |
|-------------|------------|-------------|
| SCALE | SHE DWG. | |
| DRAWN BY | JK | |
| CHECKED BY | JK | |
| APPROVED BY | KS | |
| DATE | 08/07/2015 | |
| REVISIONS | | |
| SYMBOL | DATE | DESCRIPTION |
| 1 | 06-29-2015 | ADD/REMOVE |

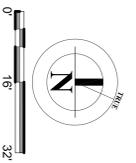
3RD FLOOR
PLAN

S.O.A. PROJECT # : 39704N11-07-00A-V
DRAWING #

A-103



1 2ND FLOOR PLAN
SCALE : 1/16" = 1'-0"



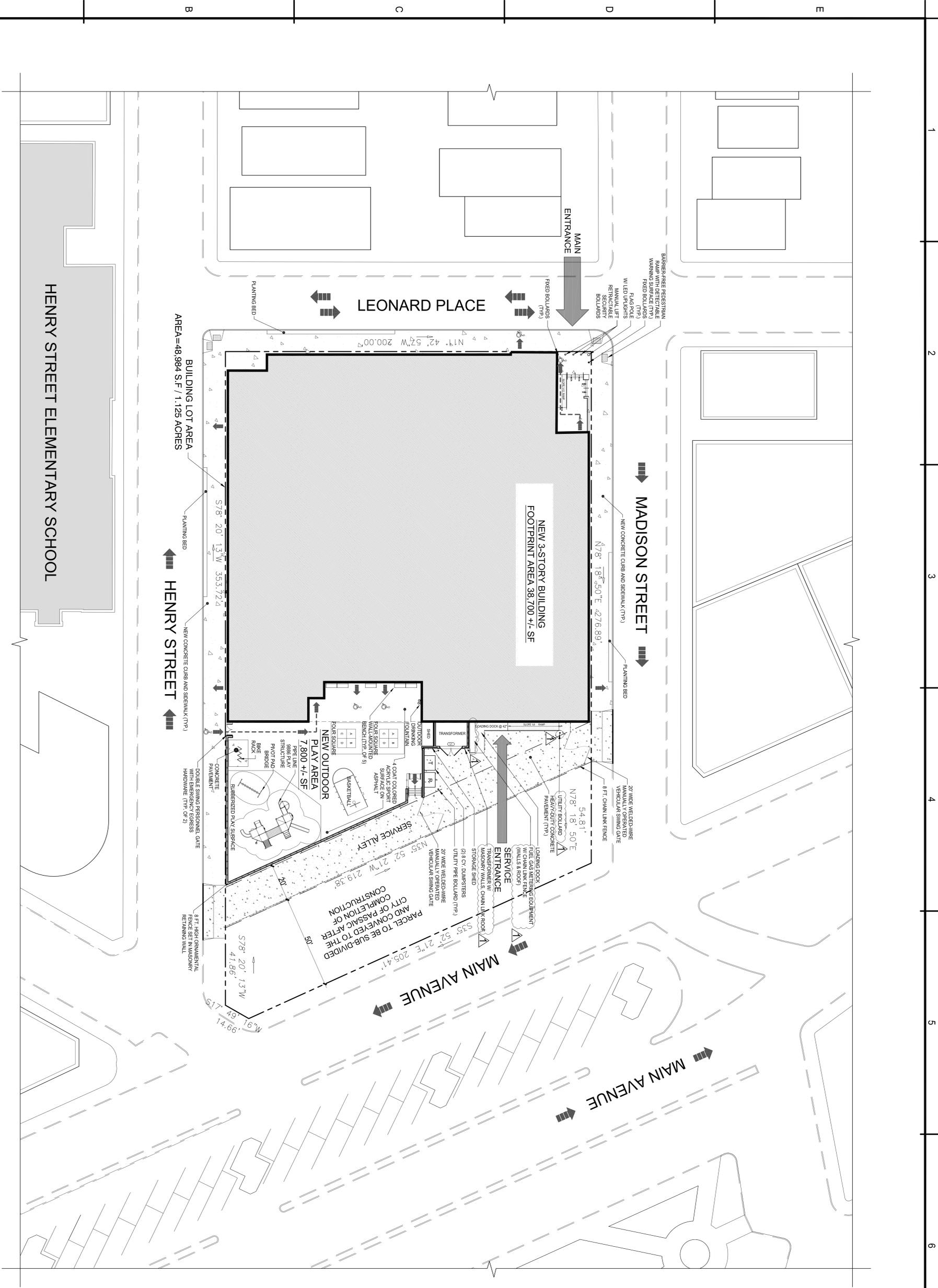
STATE OF NEW JERSEY
SCHOOLS DEVELOPMENT AUTHORITY
32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625

NEW LEONARD PLACE
ELEMENTARY SCHOOL
FOR
PASSAIC SCHOOL DISTRICT
PASSAIC, NEW JERSEY

| SYMBOL | DATE | DESCRIPTION |
|--------|------------|---------------|
| 1 | 06-29-2015 | ADDITION/REV. |

2ND FLOOR
PLAN

PROJECT TITLE
S.O.A. PROJECT # 3970DNI11-07-00A-V
DRAWING #
A-102



BUILDING LOT AREA
AREA=48,984 S.F. / 1.125 ACRES

NEW 3-STORY BUILDING
FOOTPRINT AREA 38,700 +/- SF

LEONARD PLACE

MADISON STREET

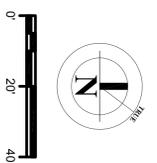
HENRY STREET

MAIN AVENUE

MAIN AVENUE

PARCEL TO BE SUB-DIVIDED
AND CONVEYED TO THE
CITY OF PASSAIC AFTER
CONSTRUCTION

1 SITE PLAN
1"=20'-0"



| | | |
|-------------|------------|-------------|
| SCALE | SEE DWG. | |
| DRAWN BY | BK | |
| CHECKED BY | JR | |
| APPROVED BY | RS | |
| DATE | 08/07/2015 | |
| REVISIONS | | |
| SYMBOL | DATE | DESCRIPTION |
| | 08-2015 | ADDITIONAL |

NEW LEONARD PLACE
ELEMENTARY SCHOOL
FOR
PASSAIC SCHOOL DISTRICT
PASSAIC, NEW JERSEY



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

S-101

SJA PROJECT # 3970A11-107-D04Y
DRAWING #

SITE PLAN

DRAWING TITLE

PROJECT TITLE

SECTION B3020.00
ROOF APPURTENANCES

I. PERFORMANCE

A. Basic Function

1. Roof appurtenances include all elements attached to or resting on roofing materials or components, except where an integral part of equipment or service elements. Appurtenances required are those made necessary by the design and may include the following:
 - a. Roof curbs.
 - b. Roof hatches.
 - c. Heat and smoke vents.
 - d. Roof ladders and alternating-tread stairs.
 - e. Roof walkways.
 - f. Railings and guards.
 - g. Open-grate platforms.
2. Roof appurtenances shall withstand exposure to weather and resist thermally induced movement without failure, rattling, leaking, or fastener disengagement due to defective manufacture, fabrication, installation, or other defects in construction.
3. Where roof appurtenances also must function as part of elements defined within another element group, meet requirements of both element groups.
4. Brand Names: Where brand names are listed, they represent the Basis of Design unless those items are identified as approved proprietary items in project requirements.

B. Amenity and Comfort

1. Thermal performance: In accordance with applicable codes and project requirements.
2. Acoustical performance: Comply with Performance Specifications Section PS1030.00 and all code requirements and referenced standards.

C. Health and Safety

1. Provide roof appurtenances that comply with all codes and standards.
2. Provide roof appurtenances that provide safe access to all equipment components and access panels and doors, and as needed for service and maintenance functions.
3. Provide monitoring of all roof hatches and heat and smoke vents integral with security system as called for in Section D6000.00, Communications.

D. Structure

1. Provide roof appurtenances capable of withstanding the effects of gravity, wind and snow loads, thermal movements and other loads and stresses within limits and under conditions required by code and without inducing undue vertical or horizontal deflections in appurtenances or underlying substrates.

- a. Avoid anchorage methods that penetrate the roof membrane or nominally horizontal flashings. Provide structural anchorage at walls or inside parapet face wherever possible
- b. Provide engineered anchorage for all roof appurtenances attached to structure.
- c. For large appurtenances subjected to significant gravity, wind, snow or other loading, provide for structural support from primary building structural frame rather than from exterior wall.
- d. For unattached roof appurtenances dependent on gravity, provide engineering calculations demonstrating that items will not move under reasonable use and project-specific wind conditions as required by code.
- e. Assemble units in the shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation. Use connections that maintain structural value of joined pieces
- f. Thermal Movements: Provide expansion joints that allow for thermal movements resulting from locally anticipated change (range) in ambient and surface temperatures by preventing buckling, opening of joints, overstressing of components, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

E. Weather Resistance

1. Maintain integrity of exterior roof and wall envelope at all points of roof appurtenance penetration and attachment.
2. Minimize rainwater penetration and protect materials, assemblies and interior spaces from damage from water.

F. Durability

1. Provide roof appurtenances with smooth feet, pads or other means of distributing loads in a manner that will ensure that roofing membrane is not punctured and remains intact throughout its service life.
2. Provide written certification from roofing manufacturer(s) verifying that installation of all roof appurtenances is in compliance with roofing manufacturer requirements, and that roofing warranties are in no way compromised or invalidated by roof appurtenance installation.

G. Material and Finish

1. Provide G60 galvanizing for all carbon steel components, with painted finish on exposed surfaces.
2. For all natural aluminum finishes, provide matte clear anodic finish, AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.
3. For all painted finishes, provide mica fluoropolymer or metallic fluoropolymer finish complying with AAMA 2605, in manufacturer's standard range of colors.
4. For all other noncorrosive materials, provide exposed surfaces without painted or coated finishes wherever possible.

II. PRODUCTS

A. Roof Curbs

1. Provide minimum 20" roof curbs for all rooftop equipment for snow drift and maintenance.
2. Provide solid-bottom, plenum-type internally reinforced roof-curb units with integral spring-type vibration isolators and capable of supporting superimposed live and dead loads, including equipment loads and other construction as indicated.
3. Provide galvanized steel construction, minimum 14-gauge and as required for structure, with factory-applied two-coat fluoropolymer finish.
4. Provide integral spring-type vibration isolators for all motor-driven equipment mounted on curbs.
5. Provide welded corner joints, integral metal cant suitable for thickness of roof insulation, and integrally formed deck-mounting flange at perimeter bottom.
6. Run all air and water connections to equipment within roof curb.

B. Roof Hatches

1. Provide manufactured units with matching curbs, latches and operating mechanisms of a single manufacturer.
2. Provide double-walled insulated curbs, welded corner joints, integral condensation gutter, and cap flashing.
3. Provide galvanized steel construction, minimum 14-gauge and as required for structure, with factory-applied two-coat fluoropolymer finish.
4. Provide latch, operating mechanism, safety railings and other accessories as required by code.

C. Heat and Smoke Vents

1. Provide manufactured units with matching curbs, latches and operating mechanisms of a single manufacturer.
2. Provide double-walled insulated curbs, welded corner joints, integral condensation gutter, and cap flashing.
3. Fabricate with insulated double-walled lid and continuous weathertight perimeter lid gaskets, and equip with automatic UL-listed operating mechanisms as required by code.
4. Provide galvanized steel construction, minimum 14-gauge and as required for structure, with factory-applied two-coat fluoropolymer finish.

D. Roof Ladders and Alternating-Tread Stairs

1. Provide custom-fabricated steel or aluminum ladders and stairs that are in full compliance with applicable codes and standards.
2. Provide stainless steel or galvanized fittings and anchorages for railings with sufficient strength and rigidity to withstand loads prescribed by code.
3. Provide permanently installed walk-through handrails at the top of all ladders and stairs.

4. Provide permanently installed cages, railings and other fall protection as required by code.
 5. Install ladders and stairs in a manner that does not penetrate roof membrane.
 6. Provide powder-coat finish in color(s) to match background wall or as required by code.
- E. Flexible Walkways
1. Walkway material: Factory-formed, nonporous, heavy-duty, solid-rubber, slip-resisting, surface-textured walkway rolls, approximately 3/16" (5 mm) thick and acceptable to roofing system manufacturer.
 2. Install walkways where necessary to provide access to all rooftop equipment, including all connections, controls and access panels.
 3. Adhere walkways to roofing membrane in a manner acceptable to the roofing system manufacturer.
 4. Ensure that edges and corners are secured and will not curl.
 5. Install walkways so as to avoid interference with roof drainage.
- F. Concrete Plaza-Deck Paver System
1. Provide a coordinated system of precast concrete pavers, adjustable pedestals, shims and accessories.
 2. Provide written confirmation by roofing manufacturer of its acceptance of specified system and satisfactory inspection to confirm that completed installation does not void roofing warranty.
 3. Basis of Design: Hanover Architectural Products.
- G. Railings and Guards
1. Provide galvanized steel railings, guard rails, infill panels and fittings as required to meet all applicable codes and standards.
 - a. Provide railings that are smooth in texture, with formed radius ends and bends and all joints welded and ground smooth.
 - b. Fabricate railings in maximum practical lengths to minimize field connections.
 - c. Provide galvanized steel fittings and anchorages for railings with sufficient strength and rigidity to withstand loads prescribed by code.
 - d. Provide permanently installed railings for fall protection near rooftop equipment as required by code.
 - (1) Avoid anchorage methods that penetrate the roof membrane or nominally horizontal flashings. Provide structural anchorage at inside parapet face wherever possible.
 2. Provide ASTM A554 or A312 Grade 304; Standard Weight (Schedule 40) pipe for handrail, Schedule 80 for posts or equivalent weight tubing.
 3. At roof plazas accessible to building users, provide stainless steel railings, fittings and anchorages.

- a. Provide code-compliant vertical intermediate pickets welded to rails or guards; minimum diameter $\frac{3}{4}$ ".

H. Snow Guards

1. At steep-slope roofs, provide continuous three-rail snow guards above all eaves unless otherwise indicated.
 - a. Material: Aluminum.
 - b. Finish: Factory-applied powder coat finish; color to match roofing.
2. Basis of Design: Alpine SnowGuards.

I. Open-Grate Platforms

1. At maintenance and service doors to roofs as indicated and at other roof access locations not required to be barrier-free, provide OSHA-compliant open-grate platform (with steps and railings if necessary) to provide maximum 7" step over door sill upon entering the building from the roof.
2. Provide welded construction of aluminum or galvanized steel with painted finish as specified above.
3. Fabricate each support with height to accommodate roof slope so that top of platform is level. Equip supports with water diverters or crickets on sides that obstruct water flow and ensure positive drainage under platform.

III. METHODS OF CONSTRUCTION

(not used)

END OF SECTION B3010.10