

**Addendum #5**

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

DATE: June 30, 2015

PROJECT #: ET-0073-B01
Paul Robeson Community Theme School for the Arts
Addition and Renovations
New Brunswick Public Schools

DESCRIPTION: Addendum #5

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

A. CHANGES TO THE PROCUREMENT PROCESS:

I. (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 the Design-Build Agreement

- a. **CLARIFICATION:** In the Authority's "Materials and Systems Standards," incorporated by reference in the Design-Build Information Package, disregard all references to the 21st Century Schools Design Manual. The 21st Century Schools Design Manual is not applicable to this project.

C. CHANGES TO THE PERFORMANCE SPECIFICATIONS

1. ADD: In Section PS1030.00, Project Criteria, add Paragraph I.A.7. as follows:

7. It is the responsibility of the Design-Builder to determine all code requirements, including accessibility requirements, for each space in the existing building in accordance with its classification under the Rehabilitation Subcode, N.J.A.C. 5:23-6.

2. **MODIFY:** In Section PS1030.00, Project Criteria, modify Paragraph I.D.2.a. as follows:
- a. Design roof **of building addition** to support at least 10 pounds per square foot in excess of code requirements to support possible future installation of solar panels.
3. **MODIFY:** In Section B2020.00, Exterior Windows, modify Paragraph I.B.3. and add Paragraph I.B.3.b. as follows:
3. Acoustical performance: Comply with the requirements of *the Noise Study Report* ~~and~~ all code requirements and referenced standards.
 - a. Consider impact of noise from Project rooftop equipment on nearby instructional spaces; modify window construction as necessary to ensure compliance.
 - b. Existing-to-remain HVAC equipment is exempt from the project's sound performance criteria. New HVAC equipment shall comply with sound performance criteria. In addition, the Design-Builder must evaluate new and existing equipment and the expanded building and provide any noise control measures necessary to comply with local ordinances.**
4. **MODIFY:** In Section C2000.00, Interior Finishes, modify Paragraph I.A.6.a.(8) as follows:
- (8) Repair terrazzo flooring where required **to match existing. Where existing terrazzo must be cut, remove terrazzo to the nearest divider strip(s) and replace with new terrazzo to match existing.**
5. **ADD:** In Section D2010.20, Domestic Water Equipment, add Paragraph I.B.3.b.(1) as follows:
- (1) **Water hammer arrestors shall be provided in new addition and renovated rest rooms; new water hammer arrestors are not required for other existing equipment**
6. **MODIFY:** In Section D2010.20, Domestic Water Equipment, modify Paragraph I.C.3. as follows:
3. Water contaminants: Provide lead filtration device on water supply **for existing building and new addition** to drinking fountains, classroom and faculty room sinks, and kitchen sinks.

7. **ADD:** In Section D2010.20, Domestic Water Equipment, add Paragraph I.E.2.a.(1) as follows:
- (1) Maintain existing domestic water circulation pumps in place. No new circulation pumps are required within the existing domestic hot water system.**
8. **MODIFY:** In Section D2010.20, Domestic Water Equipment, modify Paragraph I.E.5.c. and add Paragraph I.E.5.c.(1) as follows:
- c. Floor drains: Provide floor drains with trap primers in all spaces **in new addition** with domestic water equipment and plumbing fixtures.
- (1) In existing building, adjust existing floor drains as necessary to receive new floor finishes.**
9. **MODIFY:** In Section D2010.20, Domestic Water Equipment, modify Paragraph II.D.1. as follows:
- a. ~~Natural gas fired, with separate storage~~ **Match existing system type and arrangement.**
10. **MODIFY:** In Section D2010.60, Plumbing Fixtures, modify Paragraphs I.A.2.i.(1) and (2) as follows:
- (1) Outdoor supplies **for new building addition only**: Flush mounted, loose key lockable, maximum of 100' apart on building facade and minimum of one on each facade of building.
- (2) Indoor supplies **for new building addition and renovated rest rooms only**: Flush mounted, loose key, beneath counters at each multiple fixture rest room and mechanical spaces
11. **ADD:** In Section D2010.60, Plumbing Fixtures, add Paragraph I.B.3.a. as follows:
- a. In existing building, provide barrier-free fixtures in Toilet Rooms undergoing renovation and elsewhere where required by the Barrier-Free Subcode.**
12. **MODIFY:** In Section D2010.60, Plumbing Fixtures, modify Paragraph II.A.1.b. as follows:
- b. Floor mounted fixtures, **except use wall-hung fixtures to replace existing wall-hung fixtures.**

13. ADD: In Section D2010.60, Plumbing Fixtures, add Paragraph II.B. as follows and renumber subsequent items accordingly:

B. Water Closets (Pre-K and Kindergarten toilet rooms)

1. Use the following:

- a. Vitreous china.
- b. Nominal 10" rim height.
- c. Floor mounted fixtures.
- d. Siphon jet bowl.
- e. Open seat.

14. MODIFY: In Section D2010.60, Plumbing Fixtures, modify Paragraph II.~~BC~~.1.a. as follows:

- a. ~~Waterless with odor barrier liquid and locking drain insert~~ **Flush valve type.**

15. MODIFY: In Section D2010.60, Plumbing Fixtures, modify Paragraph II.~~CD~~.1.b. as follows:

- b. Wall-hung fixtures, **except use countertop fixtures to replace existing countertop fixtures.**

16. ADD: In Section D2010.60, Plumbing Fixtures, add Paragraph III.A.22.a. as follows:

- a. **Utilize the existing hot water service for the Kitchen.**

17. MODIFY: In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph I.A.9.c.(3)(c) as follows:

- (c) Provide electric heat trace protection for all piping run exterior to the building, **except where piping contains glycol solution.**

18. ADD: In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), add Paragraph I.A.9.d.(1)(g) as follows:

- (g) **Energy recovery is not required for AUUs serving existing building unless required by code.**

19. **ADD:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), add Paragraph I.A.9.f.(11)(c) as follows:
- (c) Air conditioning is not required for stairwells unless required by code.**
20. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph II.H.1.c. as follows:
- c. Identify ductwork **mains over 20"** with plastic nameplates with permanent adhesive or stenciled painting, located at each side of penetration of structure or enclosure.
21. **ADD:** In Section D3050.10, Facility Hydronic Distribution, add Paragraph I.A.5. as follows:
- 5. Unless required by code and/or to provide piping of sufficient size to meet new capacity, replacement of existing piping is not required where the sole purpose of replacement would be to comply with new piping requirements herein.**
22. **MODIFY:** In Section D3050.50, HVAC Air Distribution, modify Paragraph III.A.15.a. as follows:
- a. Return air plenums **in new building addition. Return air plenums are acceptable in the existing building.**
23. **ADD:** In Section E1070.00, Entertainment and Recreational Equipment, add Paragraphs I.A.2.a.(2) and (3) as follows:
- (2) Wall pads.**
- (3) Gymnasium scoreboard and controller.**
24. **ADD:** In Section E1070.00, Entertainment and Recreational Equipment, add Paragraphs II.A.3. and II.A.4. as follows:
- 3. Wall Pads**
- a. **Provide standard 2'-0" x 6'-0" flame-retardant wall pads, with PVC cover and 2" urethane cushion.**
- b. **Provide wall pads to cover walls without bleachers to within 2" of openings.**

c. Provide factory-fabricated cut-outs for wall-mounted fixtures and equipment.

4. Scoreboard

a. Basis of Design: Products by Nevco, Fair-Play or Electro-Mech.

b. Provide one interior, wall-mounted multi-purpose electronic scoreboard with dual integral horns and LED displays for time, scores, period, and bonus and possession indicators.

c. Provide one direct-wired, removable controller.

d. Provide one custom team logo, factory-applied, in an area of 144 sq. in. minimum.

25. MODIFY: In Section F3030.00, Selective Demolition, modify Paragraph I.A.5.a.(7) and add Paragraphs I.A.5.a.(7)(a), (b) and (c) as follows:

(7) Removal of all flooring finishes except *terrazzo and wood flooring in existing Gymnasium* **the following:**

(a) Terrazzo.

(b) Wood flooring in the existing Gymnasium.

(c) Existing tile flooring in Kitchen and Toilet Rooms not undergoing renovation.

D. CHANGES TO THE DRAWINGS:

1. **REPLACE:** Drawing C-04 Proposed Grading, Drainage and Utility Plan, dated April 20, 2015, with Revised Drawing C-04 Proposed Grading, Drainage and Utility Plan dated June 26, 2015, issued herewith as Attachment 5.1. All other plans, sections and elevations are modified accordingly by implication.

2. **REPLACE:** Drawing C-05 Proposed Landscape Plan, dated April 20, 2015, with Revised Drawing C-05 Proposed Landscape Plan, dated June 26, 2015, issued herewith as Attachment 5.2. All other plans, sections and elevations are modified accordingly by implication.

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

1. Question: Table D6000.00-1 Communications Responsibilities lists ceiling-mounted projectors are by Design-Builder but room area calculations and fit-out lists E-14 and E-19 notes the projectors are provided by SDA TEC; please advise.

Answer: Ceiling-mounted projectors are to be provided by the Design-Builder.

2. Question: Please confirm the only motorized projection screens required are in the multi-purpose room and gymnasium as listed on fit-out lists E-14 & E-19.

Answer: Confirmed.

3. Question: Gymnasium fit-out list E-19 notes wall pads and electronic scoreboard to be provided by DesignBuilder/General Contractor; these items are not listed in Section E-1070.00 Entertainment and Recreational Equipment. Please provide specifications.

Answer: See revisions to Performance Specifications in item C.24 above.

4. Question: Art Room (existing) fit-out list E-20 notes Kiln to be provided by Design-Builder/General Contractor; please provide specification for this item.

Answer: No new kiln is required for this project.

5. Question: Please confirm that restrictions placed on the naming of the Site Superintendent and Safety Coordinator/Inspector will be waived since the NTP for Construction will be July 2016 and as possibly as late as September 20 16 as listed in the Specifications.

Answer: The requirements for Site Superintendent and Safety Coordinator are not waived and are specified in Addendum #2, Revisions to the Request for Proposal, A.1.a.1 and A.1.a.2.

6. Question: Please confirm that the Design Consultant's Project Manager and Project Architect can concurrently work on two NJSDA Design Build Projects at the same time thus, if they have been named on a Project that has not reached Substantial Completion, they can be named on a current procurement regardless if they have been named on other procurements for which award has not been made. The limit for each Design Consultant Project Manager and Project Architect would be two awarded projects that have not reached Substantial Completion.

Answer: Not confirmed, as the questioner's assumptions are incorrect. The criteria and limitations for Design Consultants' Project Manager and Project

Architect working on SDA Projects, is addressed in Addendum #2, Revisions to the Request for Proposal, A.1.1.b.

7. Question: Please advise if we are required to meet the City of New Brunswick standards for curbs, sidewalks and ADA ramps.

Answer: Yes. See Addendum #2, Section E, "Bidder's Questions, Requests For Information And Responses", response to Question #13.

8. Question: Is the sanitary line required to have a house trap?

Answer: No house trap is required unless mandated by code.

9. Question: Does the gas meter need to be enclosed?

Answer: The gas meter need not be enclosed, but it must be secured and protected in accordance with all code and project requirements.

10. Question: Does the domestic hot water require an ASME rated expansion tank?

Answer: Pressure vessels and related safety devices must be rated and/or certified as required by code.

11. Question: Does the school district have a specific room numbering plan to be followed.

Answer: Yes, the District has established room numbering standards which will be provided to the successful Bidder.

12. Question: Please confirm hinge guards are required at the classroom doors only.

Answer: Yes, hinge guards are required at all Pre-K and Kindergarten doors. The hinge guard Basis of Design shall be Model No's. MK1A Module and MK1B, as manufactured by Fingersafe USA, Inc.

13. Question: Please advise if the district will be adding solar panels to the roof.

Answer: See Addendum #3, Section E, "Bidder's Questions, Requests For Information And Responses", response to Question #40.

14. Question: Please confirm horn/strobes are required in the stair towers.

Answer: Horn/strobe units must be provided as required by code.

15. Question: Please confirm the school district will be integrating their IT before the school is turned over.
- Answer: Yes, the District will coordinate integration of IT components prior to the Design-Builders' substantial completion date.
16. Question: Please advise if clay traps are required at the sinks in the Pre-K and K classrooms.
- Answer: Clay traps are required at the sinks in Pre-K and Kindergarten classrooms.
17. Question: Can landscape areas around the school be increased to meet LEED requirements?
- Answer: No, additional landscape areas may not be proposed to achieve LEED requirements.
18. Question: Will the district be supplying trash compactors? If so, how many and what are the electrical requirements?
- Answer: No, the District will not supply trash compactors.
19. Question: Please confirm all loose furniture and fixtures in rooms to be renovated will be removed by the district.
- Answer: Yes, the District will remove loose furniture and fixtures within the proposed renovated rooms.
20. Question: Please confirm flex duct for return air applications is not allowed as per Section D3050.50 HV AC Air Distribution Article II.A.3 .b.
- Answer: Confirmed.
21. Question: Please confirm Section A6020.00 Off-Gassing Mitigation applies only to the new addition and no new off-gassing mitigation system is required in the existing facility.
- Answer: Confirmed.

F. CHANGES TO PREVIOUS ADDENDA:

1. (not applicable)

G. ATTACHMENTS

1. Attachment 5.1 Revised Sheet C-04 Proposed Grading, Drainage and Utility Plan, dated June 26, 2015.
2. Attachment 5.2 Revised Sheet C-05 Proposed Landscape Plan, dated June 26, 2015.
3. Attachment 5.3 Sketch SK-1, dated June 26, 2015.

H. SUPPLEMENTAL INFORMATION

1. For the Bidders' convenience when constructing the Project, the SDA has conducted preliminary discussions with the City of New Brunswick concerning the possibility that the City would permit the Design-Builder to extend the temporary construction fencing already required by the Contract into the adjacent Feaster Park property, and permit the Design-Builder to access a small portion of the adjacent Feaster Park property in order to allow the Design-Builder improved access and circulation in that area of the Project Site.
 - a. NJSDA's preliminary discussions have addressed the extension of the required temporary fencing into, and temporary usage of, approximately 10'-0" of the adjacent Feaster Park property (Lot 1.01, Block 191.01) New Brunswick, NJ.
 - b. See attached Sketch SK-1, dated June 26, 2015, for a depiction of the extent of the proposed access to the adjacent Feaster Park property and the potential location of the required temporary construction fencing on the Feaster Park property, as discussed with the City of New Brunswick.
 - c. Should the Design-Builder elect to pursue the temporary access to, and usage of the adjacent Feaster Park area, the Design-Builder must coordinate with the City of New Brunswick, and comply with all City requirements for such access and usage, including, but not limited to, site access agreements, permits, insurance requirements, bonding, responsibility for repair of damage or restoration of property, etc., as may be required by the City.
 - d. Additionally, if the Design-Builder elects to pursue the access to and use of this additional Feaster Park area, the Design-Builder shall be responsible for any and all schedule, cost, or other Project impacts associated with this proposed temporary access and use of the adjacent property.

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. 5

Manuel DaSilva / CEH

NJSDA Date

Addendum #5

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

DATE: June 30, 2015

PROJECT #: ET-0073-B01
Paul Robeson Community Theme School for the Arts
Addition and Renovations
New Brunswick Public Schools

DESCRIPTION: Addendum #5

Addendum No. 5

Acknowledgement of Receipt of Addendum

Contractor hereby acknowledges the receipt of the Addendum by signing in the space provided below and returning via fax (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.5 of the Price Proposal Submission.

Signature

Print Name

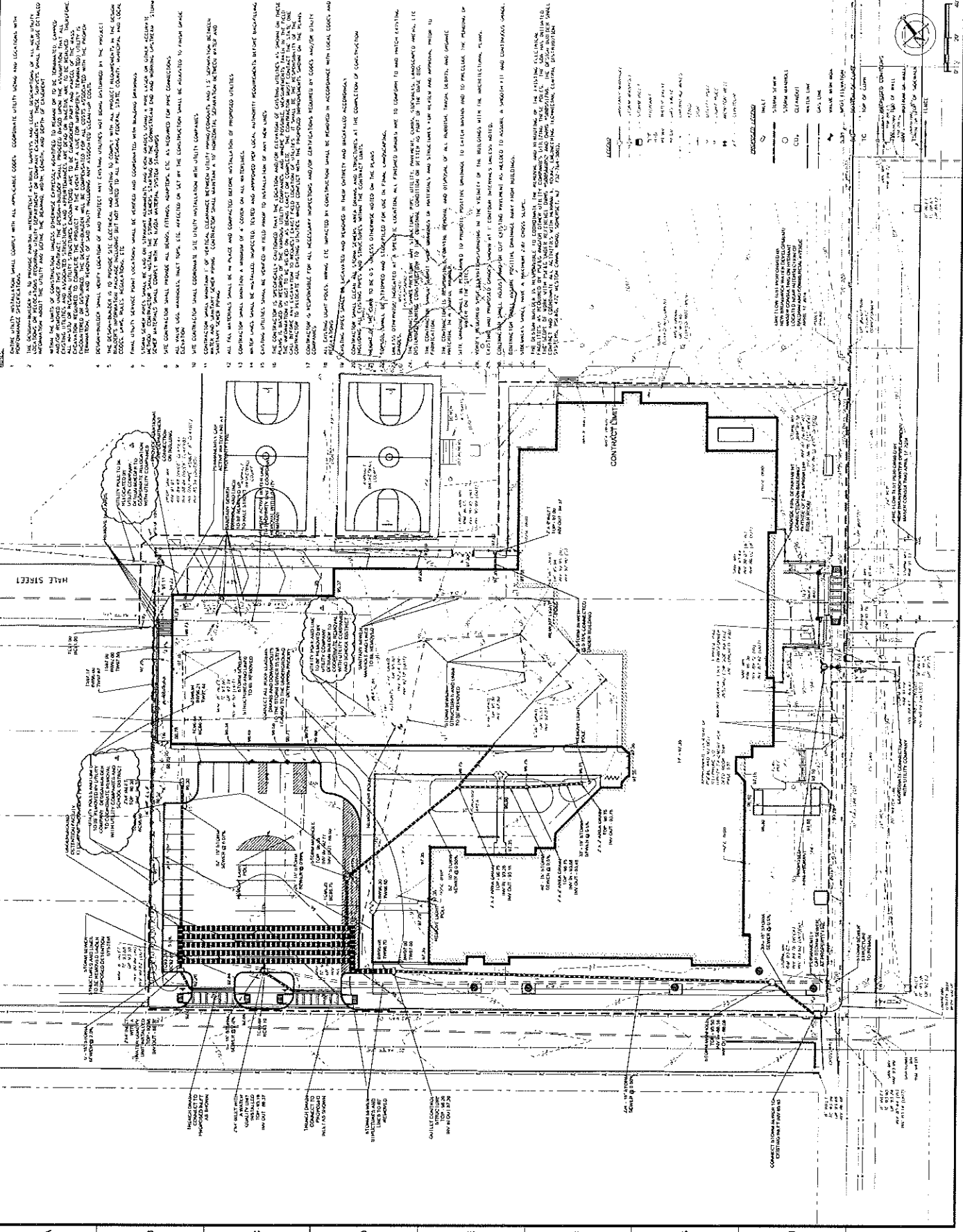
Company Name

Date

ADDITONS AND ALTERATIONS TO PAUL ROBESON COMMUNITY ELEMENTARY SCHOOL 190 CONSUMMIL AVE NEW BRUNSWICK, NEW JERSEY 08901 FOR NEW BRUNSWICK SCHOOL DISTRICT

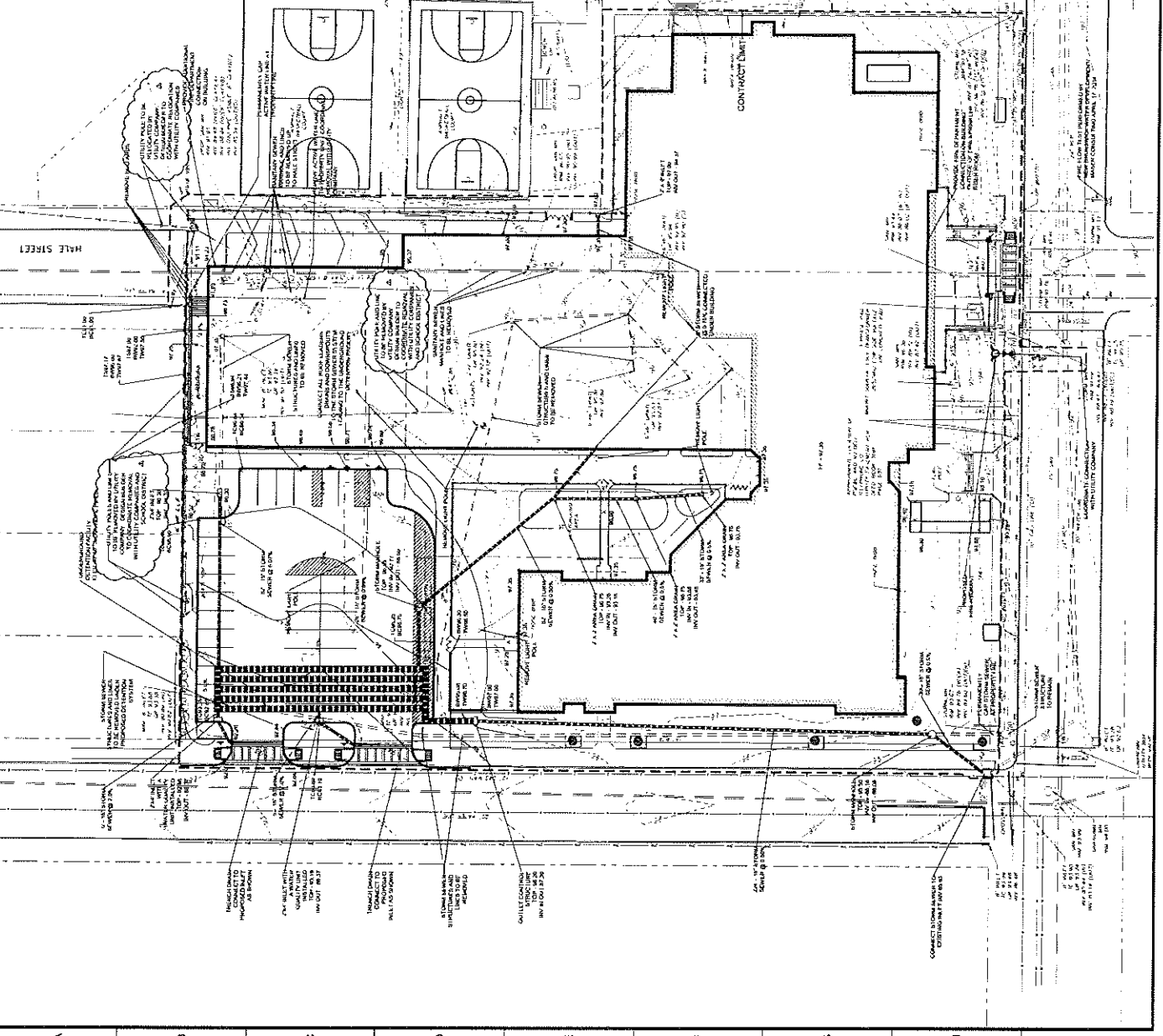
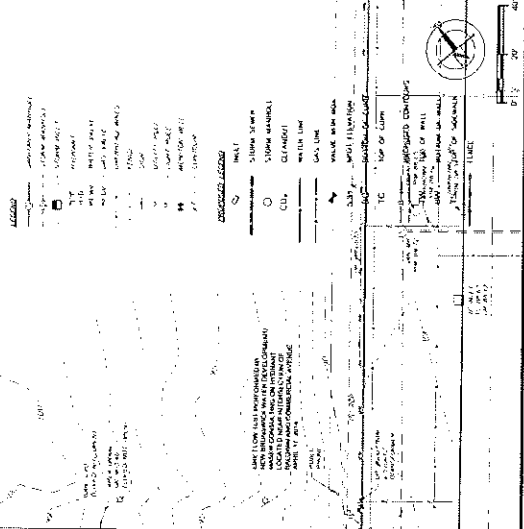
Table with columns: NO., DATE, DESCRIPTION, BY, CHECKED BY, APPROVED BY. Includes entries for PRELIMINARY, REVISIONS, and APPROVED.

STATE OF NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY 35 EAST FRONT STREET, TRENTON, NEW JERSEY 08646



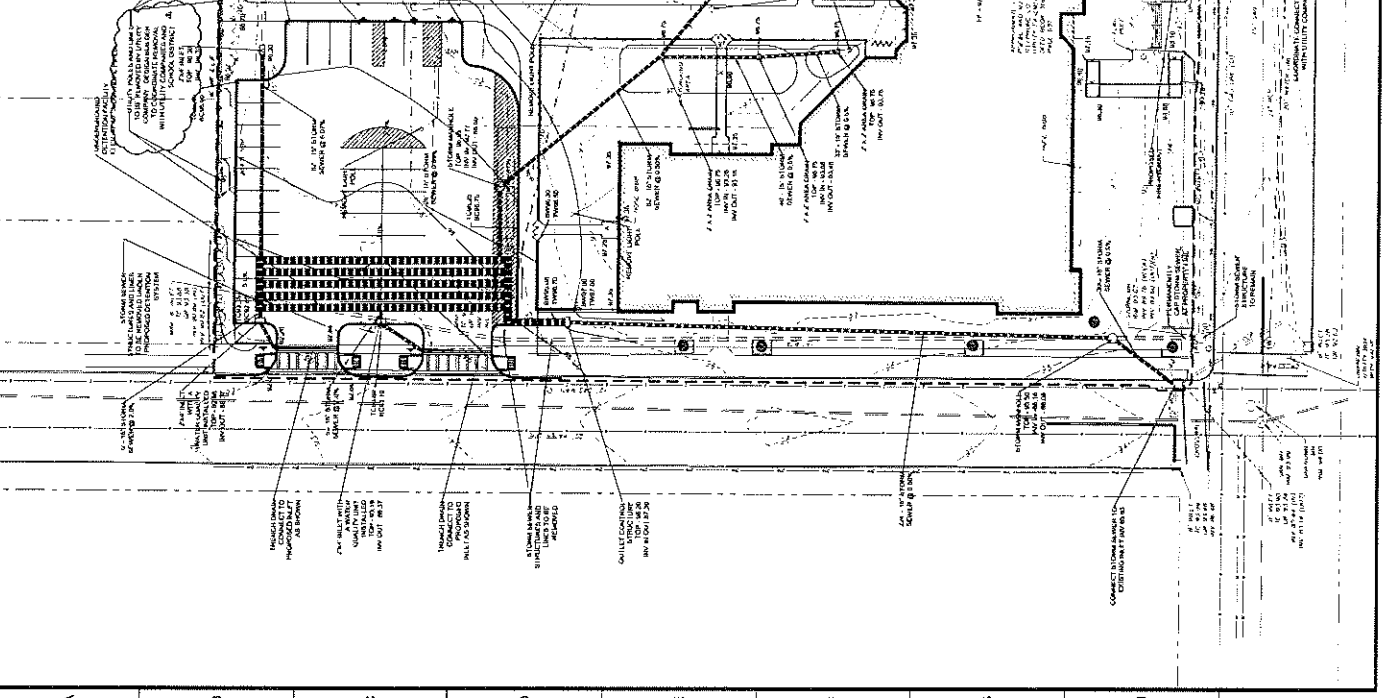
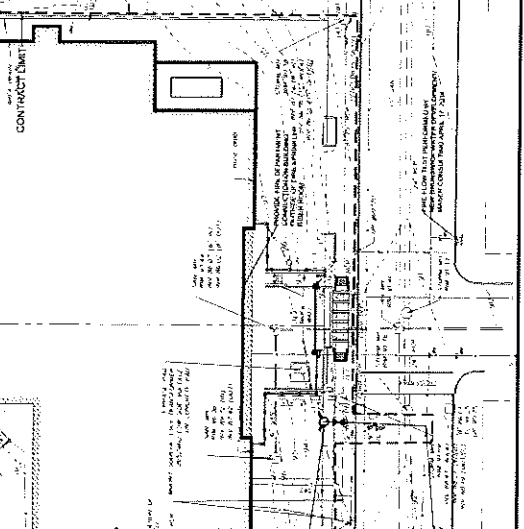
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