CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 S. Dearborn Street
Chicago
Cook County
Illinois
HABS IL-1251

PHOTOGRAPHS
WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY
ILLINOIS STATE HISTORIC PRESERVATION OFFICE
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
OLD STATE CAPITOLBUILDING
ONE OLD STATE CAPITOL PLAZA
SPRINGFIELD, ILLINOIS
62701

HISTORIC AMERICAN BUILDING SURVEY

CRISPUS ATTUCKS ELEMENTARY SCHOOL

Location: The former Crispus Attucks Elementary School building is located at 3808 - 3812 S. Dearborn Street, Chicago, Illinois 60609.

Latitude: 41.825296
Longitude: -87.627629
Locational Data Source: U.S. EPA FRS Facility Detail Report

Former Owner: Chicago Public Schools
Present Owner: Chicago Public Schools

Present Use: Building was abandoned by CPS and is currently vacant.

Significance:

The Crispus Attucks Elementary School, named for the African American Revolutionary War hero Crispus Attucks, is located at 3808-12 S. Dearborn Street in Chicago. Designed in 1957 during a period of significant expansion of Chicago Public Schools elementary schools due to the post-World War II "baby boom" and the *Great Migration* population explosion, the school was built to accommodate the Stateway Gardens public housing project. As influenced by progressive ideals that are represented in both plan and program, the school's architects embraced these modern design theories to connect the school with the surrounding community.

Project Team: Johnson Lasky Kindelin Architects
Meg Kindelin, Principal
Katie McNamee, Architect

Sylvester Historic Consultants, LLC
Jeanne Sylvester, Architectural Historian

Leslie Schwartz Photography
Leslie Schwartz, Photographer

Date: October 15, 2019

PART I. HISTORICAL INFORMATION

A. Physical History

1. Date of Construction: 1957
2. Original Architects: Fugard, Burt, Wilkinson & Ort

3. Original Owners: Chicago Public Schools
4. Current Owners: Chicago Public Schools
5. Contractor: Joseph J. Duffy Co.
6. Subcontractors:
   - Demolition: State Wrecking Co., Inc.
   - Heating: S. J. Reynolds Co.
   - Electrical: Wadeford Electric Co.
   - Plumbing: Gazin & Valentine
   - Ventilation: Steel City Ventilating Co.
   - Landscaping: Standard Grading & Constr. Co.
   - Fences, etc.: Playground & Park Equip. Sales Co.

7. Original Plans and Construction: Chicago Public Schools, FOIA
8. Alterations and Additions: 1994
   - Architects: Fajardo & Fajardo
   - General Contractor: Certified Midwest Construction, Inc.
   - Asphalt Paving: Beverly Asphalt Paving:
   - Fencing: Loza Fence, Inc.
   - Playground Equipment: The Kenneth Company
   - Masonry: Old Veteran's Tuckpointing
   - Miscellaneous Metal Fabrication: Pacific Steel Fabricators
   - Roofing & Sheet Metal: M.W. Powell Company
   - Wood Doors, Hardware: LaForce Hardware
   - Lake Shore Glass & Mirror: Aluminum Doors & Frames
   - Aluminum Windows: J.D. Architectural Products
   - Wire Window Guards: Standard Wire & Steel

   - Plaster: J.P. Philips
   - Acoustical Ceilings: N.H. McLennan, Inc.
   - Painting: Deco Painting

   - Toilet Partitions: Accurate Partitions
   - Window Shades: José Drapery
   - Plumbing: Bertocchi Plumbing, Inc.
   - HVAC: Ortiz Mechanical
   - Electrical: Airport Electric
   - Asbestos Abatement: Luce Asbestos Removal Co.

B. Historical Context

1. Introduction and Background

The Crispus Attucks Elementary School was purpose-built as an elementary school for children for the soon-to-be-built Stateway Gardens public housing project in Chicago. Built in 1957, Crispus Attucks School was one of many schools built by the CPS in the post-World War II-era which demonstrated progressive ideals in school design and academic theory. The school was designed by Fugard, Burt, Wilkinson & Orth, a prominent architectural firm from Chicago, known for many educational and institutional designs.

In 1955 the Chicago Board of Education purchased 39 parcels of property located in the block bounded by W. 38th Street, W. Pershing Road, S. State and S. Dearborn Streets to make room for the school building.[1] On December 14, 1955, the CBOE approved settlements with those property owners and on February 29, 1956, the Chicago Board of Education voted to award a contract to the State Wrecking Company, Inc. to demolish all of the buildings on those properties for the school site.[2] The Board also voted to approve closure of a 16-foot public alley lying in the block bounded by W. 38th Street, W. Pershing Road, S. State and S. Dearborn Streets to make the school property contiguous.[3] Construction costs were estimated at $1,200,000.00 with an architectural fee of 5 1/4% of costs.[4]

On March 4, 1956 the *Chicago Tribune* announced that the Chicago Board of Education would build two new elementary schools and an addition to an existing school on the South Side of Chicago to accommodate future residents of two new Chicago Housing authority projects, including Stateway Gardens and a proposed project to be built at 50th Street and Cottage Grove Avenue. According to the article, the Crispus Attucks Elementary School would cost $1,500,000. Designed by Fugard, Burt, Wilkinson and Orth, the school would consist of 40 classrooms, a gymnasium and cafeteria and would accommodate 1600 pupils.[5] On July 25, 1956 the Board of Education approved preliminary plans for the school building and on October 10, 1956, the Board approved the final plans and specifications for the school building. The original plans submitted by Fugard, Burt, Wilkinson & Orth were memorialized in a letter from Benjamin C. Willis, General Superintendent of Schools to

[1] February 29, 1956 Meeting, Proceedings Board of Education of the City of Chicago Vol. III February 29, 1956 – June 27, 1956:1330.

[2] December 14, 1955 Meeting, Proceedings Board of Education City of Chicago Vol. I July 1, 1955 – December 14, 1955: 603-608; February 29, 1956 Meeting, Proceedings Board of Education of the City of Chicago Vol. III February 29, 1956 – June 27, 1956: 1330, 1339.

[3] Ibid., February 29, 1956 Meeting, 1456.

[4] Id., 1339.

[5] "New Schools to Take Care of 2 CHA Units," with "New School for Gateway [sic.] Gardens" and accompanying photo, *Chicago Tribune*, March 4, 1956.

Fugard, Burt, Wilkinson & Orth. The architects estimated the building would be 74,292 square feet at a cost of $16.15 per square foot, and an estimated 1,004,000 cubic feet at a cost of $1.19 per cubic feet, for a total cost of approximately $1,200,000.00. Capacity was estimated at 1,715 pupils.[6] On that same date an entry was made in the Chicago Board of Education Bureau of Architecture Logbook that noted the name of the school and the architectural firm that was awarded the contract to "complete [the] new building."[7]

On October 12, 1956 bids were sought for general construction, heating, plumbing, ventilating and electric. Sealed proposals were to be sent to the City of Chicago Board of Education and plans and specifications were available at the office of Fugard, Burt, Wilkinson and Orth, architects, 520 N. Michigan Avenue in Chicago.[8] The *Chicago Tribune* reported on November 11, 1956, that the Board of Education was expected to award contracts for construction of two schools, Crispus Attucks and Reavis School. According to the article, most of the students of Attucks school were expected to come from Stateway Gardens which was under construction, but due for occupancy in January, 1958. Attucks was also expected to relieve pressure on the overcrowded nearby schools: Raymond, Abbott and Hartigan.[9] Attucks would have 37 classrooms, including three kindergartens, a gymnasium, an auditorium, a lunchroom, kitchen, library and offices and would be steam heated. [10]

On November 14, 1956 the general contractor and subcontractors were approved by CBOE. Joseph J. Duffy was approved as general contractor, and S. J. Reynolds Co., Wadeford Electric Co., Gazin & Valentine and Steel City were approved as subcontractors for heating, electrical, plumbing and ventilation, respectively. The building called for three kindergartens, 39 classrooms, one industrial arts shop, one home-making shop, one library and two gyms.[11] Original plans called for a two-story "U-shaped" masonry building with an open courtyard on the east side. The design called for three "units" – a south unit, a center unit and a north unit.

Aware of future needs of the growing population, the architects also planned for an addition at the south west side of the building, but an addition was never built. In 1965 the school had 37 classrooms, a gym, auditorium, lunchroom and kitchen, a library and

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[6] Proceedings Board of Education City of Chicago Vol. I July 1, 1956 – December 12, 1956: 122, 419.

[7] Archives – Chicago Board of Education, Bureau of Architecture Logbooks Ca .1900 – 1975 Box 1, Book 1: A-G.

[8] "SEALED proposals," *Chicago Tribune,* October 12, 1956.

[9] "New Schools," *Chicago Tribune.*

[10] Ibid.

[11] November 14, 1956 Meeting, Proceedings Board of Education City of Chicago Vol. I July 1, 1956 – December 12, 1956: 529.

administration offices. The school also had industrial-arts and science facilities, a home-arts department with four full kitchens, 14 sewing machines, and a clothing washer and dryer.[12]

On June 26, 1957 the General Superintendent of Schools recommended that the building be opened on September 2, 1957 because the contractor reported that a portion of the school including twelve classrooms and three kindergartens would be ready for occupancy on September 1, 1957.[13] Mary Jane O'Shea was approved as the first principal at Attucks School.[14]

In August of 1957, the CBOE approved the firm of Fugard, Burt, Wilkinson & Orth to prepare architectural, engineering and landscape design services for site development of the school property, including preparation of plans and specifications, and supervision of work for grading, landscaping, walks, drives and parking areas that weren't covered in the original construction contract, and playground development in accordance with the "Hitch Plan," including soil stabilization, blacktop, fencing and play yard equipment. Estimated site development costs were $30,000,00; Fugard's fees were 4 ½% of that estimate, or $1,350.00.[15] Landscaping improvements didn't take place for several years.

On April or September 22, 1960 (the entry is illegible) and again on January 2, 1963 "Yard Improvements "were noted in the CBOE Bureau of Architecture Logbook, although the details are unknown.[16] In June of 1961 a request was made for repair of cracks in concrete block walls. Some cracks were so deep it was possible to see through the walls, and other cracks were at corners above the walls which appeared to be dangerous.[17]
On April 23, 1963 CBOE awarded a contract to the Standard Grading & Construction Co. for "grading and leveling, concrete work, bituminous yard, stabilized area, sodded lawns, wood curbing, trees and shrubs, etc.," and to the Playground & Park Equipment Sales Co. for "Fences, etc."[18]

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[12] White, Nancy. "Negro Hero Inspiration to Crispus Attucks Pupils," South Neighborhood News, *Chicago Tribune*, sec. 2B, February 11, 1965.

[13] June 26, 1957 Meeting, Proceedings Board of Education City of Chicago Vol. III, March 13, 1957 – June 26, 1957: 1972.

[14] July 24, 1957 Meeting, Proceedings Board of Education City of Chicago Vol. I July 1957 – Dec. 21, 1957: 78.

[15] August 28, 1957 Meeting, Ibid, 231.

[16] Archives – Chicago Board of Education, Bureau of Architecture Logbooks Ca. 1900 – 1975 Box 1, Book 1: A-G.

[17] "1962 Building Budget Request for Permanent Improvements," Chicago Public Schools Bureau of Educational Expenditure, Chicago Board of Education Archives, Schools Files, Box 1.

[18] April 23, 1963 Meeting. Proceedings Board of Education City of Chicago Vol. I-A July 1, 1962 – Dec. 26, 1963: 2177.

The Completed Crispus Attucks Elementary School

The school was designed to meet the unique needs of the neighborhood. Completed in 1957 during the height of the Modernist design movement, the Crispus Attucks Elementary School is emblematic of those idealistic progressive principles. The massive public housing complexes in the area, such as Stateway Gardens, required access to schools that were substantially larger than average.

These communities also lacked the typical amenities common in traditional neighborhoods. To fill this void, the school featured spaces that could serve the needs of both school-aged children and the surrounding community. Amenities that could be utilized by the local community such as the gym, library, and industrial arts classrooms were located at the north end of the building near the Chicago Park District park and Stateway Gardens. As further evidence that the school was a critical fixture of the surrounding community, additional services such as camping events, evening school, Head-Start and summer school programs began at the school in 1965.[19] The school's north unit provided easy access to the park north of the school and to Stateway Gardens.

By 1967, the school had become overcrowded and the Board of Education approved five mobile classrooms to ease overcrowded classrooms. In that same year a Social Center was established at the school due to the "lack of existing recreational facilities and programs, a study of the sociological factors such as population density and juvenile delinquency, the adaptability of the school facilities to this type of program, interest on the part of lay citizens for the community, and the comments of the principal and engineer."[20] At the same meeting, the Board approved a contract awarded to O'Hara Decorating Service, Inc. in the amount of $7,840.00 for interior painting.[21] In May, 1967 the school was approved for the first time as a Summer Social Center to operate a Social Center Recreational Program.[22]

The school remained an important fixture in the community into the 1990s. In 1994, the Public Building Commission voted to approve rehabilitation projects at Crispus Attucks school, along with 26 other schools. The firm of Fajardo & Fajardo Ltd., architects and engineers, was hired to oversee the project at the school.[23] After consultation with the

[19] Proceedings Board of Education City of Chicago Vol. I July 1, 1965 – Dec. 22, 1965: 36.

[20] April 12, 1967 Meeting. Proceedings Board of Education City of Chicago Vol. I July 13, 1966 – Dec. 28, 1966: 2784, 2789.

[21] Ibid. at 2815.

[22] May 24, 1967 Meeting, Ibid. at 3032.

[23] Callanan, John A., Managing Architect, Public Building Commission of Chicago, to the Members of the Public Building Commission of Chicago, Board of Commissioners, January 11, 1994.

architects, the Public Building Commission of Chicago awarded the bid for general rehabilitation work to Certified Midwest Construction, Inc., of Berwyn, Illinois. Work performed included replacement of exterior doors with new veneer wood doors and hollow metal frames; installation of finish hardware and weather stripping; replacement of a boiler complete with all accessories; repair of vacuum pump, steam traps, chemical feed and condensate pump; replacement of lighting fixtures for all classrooms and locker rooms on the first floor; replacement of lighting fixtures in toilet rooms and corridors on both floors, with salvage of the removed light fixtures for repair or relamping of fixtures on the second floor; and replacement of acoustical lay-in ceiling panels into existing metal suspended grid. Additional work included asphalt paving, fencing, playground equipment, building concrete, masonry, aluminum windows, glass and glazing, resilient flooring and painting, toilet partitions, windows shades, plumbing, HVAC and fire protection and electrical work.[24] No additions or major alterations were made to significantly change the original design or footprint of the building.

On June 21, 1994 the Public Building Commission of Chicago voted to award a contract for asbestos abatement, lead-based paint abatement & thermal reinsulation at Crispus Attucks Elementary School as well as seven other schools. Luse Asbestos Removal Co. was hired to perform the work.[25]

School Closure

In 2004 CPS closed Hartigan Specialty School, located at 8 W. Root Street, and Raymond Elementary School, located at 3663 S. Wabash Avenue, and students from Hartigan and Raymond were sent to Attucks. [26] Despite this, just four years later in July of 2008 Chicago Public Schools announced the immediate closing of the Crispus Attucks School building and relocation of the students to the vacant Farren School at 5055 S. State Street. Farren School was later re-named the Crispus Attucks Elementary School.[27] The former Crispus Attucks school building located at 3808 – 12 S. Dearborn Street was abandoned. Community members were told that Attucks was closed because it needed a new boiler; at a cost of $7 million, it was cost prohibitive. After Stateway Gardens closed, according to Andrea Lee, Grand Boulevard Federation education coordinator, "half the students no longer live[d] in

[24] Payment Request Form, CMC Job No. 622, Attucks Elementary School, Public Building Commission; Contractor's Sworn Statement and Affidavit for Final Payment, Public Building Commission.

[25] Callanan, John A. to Public Building Commission, June 21, 1994.

[26] "Chicago Public Schools Notice of Public Hearing on the Proposed Closing of Edward Hartigan Specialty School and Change in the Attendance Boundaries of Crispus Attucks School," Chicago Tribune, June 12, 13, 14, 2004.

[27] The second Crispus Attucks School located at 5055 S. State Street closed in 2016. https://www.publicschoolreview.com/attucks-elementary-school-profile/60609/ (accessed May 5, 2019).

the immediate area" and as a result of the closure of Stateway Gardens, Attucks School had the highest homeless population of any school in the city.[28]

The building stood vacant after it closed in 2008 and by 2013 it had deteriorated extensively. The Mayor of Chicago created a 13-member Advisory Committee for School Re-Purposing and Community Development to study how to re-purpose abandoned CPS buildings. Wilbur C. Milhouse III, founder and chairman /CEO of Milhouse Engineering and Construction, was chair of the committee, which also included alderman, community members and city officials.[29] The 2014 report the committee produced evaluated the second Crispus Attucks School located at 5055 S. State Street but made no mention of the school at 3808 – 3812 S. Dearborn. However, Milhouse said that he did not want a repeat of what happened to the former Crispus Attucks school located on Dearborn Street, which had been vacant and abandoned for five years at that point, saying "To have another school like that would be a failure for this committee."[30]

The building continued to remain vacant, and on November 8, 2018 a town hall meeting was held by the local alderman to notify the neighborhood of a land swap project involving the abandoned school building. The joint City of Chicago and Chicago Housing Authority construction project is intended to address the need to add commercial development to support the mixed-income housing development in the Bronzeville neighborhood, and involves property acquisitions and dispositions of a multi-block area bounded by West 37th Place to the north, South Federal Street to the west, West Fortieth Street to the south, and South State Street to the east. The property is vacant land except for the former Crispus Attucks Elementary School building. CHA is acquiring approximately 6.79 acres of City of Chicago vacant property located south of West 39th Street/West Pershing Road and disposing of approximately 6.8 acres of vacant property located north of West 39th Street/Pershing Road. The proposed land swap is occurring to facilitate commercial development on the approximately 11-acre site north of Pershing Road. The City of Chicago plans to construct a commercial development on this land including a grocery store. As part

[28] Andrea Lee, Grand Boulevard Federation education coordinator. Black, Curtis. "Sudden School Shift Raises Questions about CPS Priorities," Chicago Talks, http://www.chicagotalks.org/?p=203, accessed April 10, 2019.

[29] "Emanuel Creates Panel for Closed School Buildings," https://www.nwitimes.com/news/local/illinois/chicago/emanuel-creates-panel-for-closed-school-buildings/article_d7d4bfe9-01cb-5eef-807c-159b2f6f1495.html, accessed September 16, 2019.

[30] "Mayor Creates Committee for Closed-Schools Building Use," ABC Eyewitness News, https://abc7chicago.com/archive/9216279/, accessed April 10, 2019.

of the proposed development, the unoccupied former Crispus Attucks Elementary School building will be demolished.[31]

Crispus Attucks Elementary School Building Salvage

Around 2010 Theaster Gates, an urban planner, performer, multimedia and American social practice installation artist and professor in the Department of Visual Arts at the University of Chicago salvaged materials from Crispus Attucks school, including chairs, chalkboards and other materials. Gates has used the salvaged materials in various art exhibits, including *See, Sit, Sup, Sip, Sing: Holding Court (*2019) at the Walker Art Center, and an exhibition for White Cube Art Gallery that ran concurrently at the White Cube Hong Kong and at the White Cube São Paulo galleries, which used artworks and materials from Gates' previous project entitled *12 Ballads for Huguenot House, realized for dOCUMENTA (13)* in Kassel, Germany, 2012. Gates has also repurposed a chalkboard and some other materials from the school in the basement of Black Cinema House and the Currency Exchange Café in the Washington Park neighborhood of Chicago.[32]

Gates was working with a fellow artist named John Preus, who was also contacted by CPS around 2010 and told that the Crispus Attucks Elementary School building would be demolished. By that point the school building had been being used to warehouse school district furniture and material. Along with Gates, Preus salvaged materials from the building and has used them to create artwork.[33]

2. Stateway Gardens

The site for Crispus Attucks Elementary School was in the middle of the largest collection of public housing projects operated by the CHA, known as the State Street Corridor. Stretched along a four-mile area east of the Dan Ryan expressway, the State Street Corridor included Stateway Gardens, the Robert Taylor Homes, Harold Ickes Homes, Dearborn Homes and Hillard Homes.[34]

Stateway Gardens consisted of a 33-acre area along State Street between 35th and 39th Streets in the Douglas Community. Two ten stories tall buildings adjacent to State Street

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[31] Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects, https://www.chicago.gov/content/dam/city/depts/dgs/supp_info/CHA_24_39th_State_EA_20181224.pdf, accessed April 7, 2019.

[32] Currency Exchange/2012 – 2013, http://objectguerilla.com/architecture, accessed April 15, 2019.

[33] "Artist-Designer John Preus" JStor Daily, https://daily.jstor.org/artist-designer-john-preus-and-also-too/, accessed April 15, 2019; John Preus, https://johnpreus.com, accessed April 15, 2019; email from John Preus to Jeanne Sylvester, April 25, 2019.

[34] "Chicago Housing Authority," Grossman, James R., Ann Durkin Keating and Janice L. Reiff, *The Encyclopedia of Chicago,* (Chicago: The University of Chicago Press, 2004), 137.

and six buildings of seventeen stories to the west, along the Rock Island Railroad tracks contained 1,644 apartments. Designed by Holabird & Root & Burgee, Stateway Gardens was completed in 1958. The buildings were constructed of box framed, reinforced concrete. Stateway Gardens may have been the largest development using this type of construction, which was more economical that traditional column and girder frame construction.[35] Crispus Attucks Elementary School was located on the southeast corner of the Stateway Gardens complex of buildings, immediately south of Chicago Park District Stateway Park.[36]

The Robert Taylor Homes were clustered in an area along State Street bordered by W. Pershing Road on the north, just south of the Crispus Attucks school. Designed by Shaw, Metz and Associates, the Robert Taylor Homes were built in 1962 and comprised 28 identical 16-story buildings, mostly in U-shaped clusters of three, and contained almost 4,300 apartments and 27,000 people. It was the largest public housing development in the country.[37]

Planning for the Stateway Gardens housing project included plans for a park and school. *Chicago Tribune* articles from 1955 and 1956 discussing the construction of Stateway Gardens specified that a public park and school would be incorporated into the site planning[38] and an unattributed drawing of the Stateway Gardens housing project indicates areas for the proposed park area and school at the southeast corner of the site.[39] Stateway Gardens was constructed between 1955 and 1958; the Chicago Board of Education began purchasing buildings to demolish for the school in 1955 and the school was built between 1956 and 1957; and in 1958 the Chicago Park District acquired the site just north of Crispus Attucks School for the park. Photographs in the Chicago Park District Archives of the Chicago Public Library from 1958 show the site of the park before construction with the built Crispus Attucks School in the background.[40]

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[35] Devereux Bowly Jr., *The Poorhouse: Subsidized Housing in Chicago,* 2d ed. Carbondale and Edwardsville: Southern Illinois University Press, 1978,

[36] USGS Historic Historical Topographic Map Explorer, Chicago Loop, 1972, http://historicalmaps.arcgis.com/usgs/index.html?lat=41.914585490429836&lng=-87.65005&zl=11&minDate=1883&maxDate=2002&oids=&dlids=&f=&clickLat=-9759757.79296666&clickLng=5142307.688256212, accessed July 25, 2019.

[37] "Robert Taylor Homes," Encyclopedia of Chicago, www.encyclopedia.chicagohistory.org, accessed April 28, 2019.

[38] Thomas Buck, Housing Project to Blot Out Slum Area: Work is Begun on Huge Slum Area Project," *Chicago Tribune*, September 4, 1955; "2D Stateway Gardens Unit Bids Opened," *Chicago Tribune*, April 12, 1956.

[39] "Housing Project to Blot Out Slum Area," *Chicago Tribune*.

[40] Chicago Public Library Digital Collections Chicago Park District Records: Photographs, Stateway Park (0266) Views- Landscapes – Site Before Park Construction, 1958 -07-17, File Name: cgp_spe_p00001_100_029_002.jp2, http://digital.chipublib.org/digital/collection/ChicagoParks/id/8730/rec/10, accessed September 10, 2019. Other photographs show day camps in 1961, a Halloween celebration in 1964,

The low, two-story school, adjacent to the park, was tucked into the corner of the site and somewhat removed from the apartment buildings. Classrooms looked out into park on the north, the east side open courtyard of the building, across to State Street, and 39th Street. The closest Stateway Gardens apartment building was a half block away at the southwest corner of the site on 39th Street and the railroad tracks.

From a design standpoint, the school complemented the cream brick of the apartment buildings, but the light brown brick and colorful terra cotta distinguished it. The school and the housing project were both Modern and severely rectilinear, with flat roofs and similar repeating simply punched fenestration.

Public housing deteriorated quickly in the 1950s and 1960s, due to building design flaws, poor maintenance, budget cuts and a changing socio-economic mix of tenants. Martin Luther King, Jr. attended rallies at both Robert Taylor Homes and Stateway Gardens and spoke at a rally outside of the Robert Taylor Homes on July 24, 1965 protesting discriminatory housing practices.[41]

Residents in the buildings experienced increasing violence and tragedies that ultimately led authorities to re-consider the design of high-rise buildings for low-income residents and families. Gangs exerted their influence and control over the buildings. CHA began closing and demolishing the Robert Taylor Homes in 2000 and Stateway Gardens in 2001.

In 1999 the Chicago Housing Authority began implementing a ten-year *Plan for Transformation.* Approved by US Department of Housing and Urban Development in February 2000, the Plan proposed redevelopment or rehabilitation of 25,000 units of public housing.[42] Part of the *Plan for Transformation* called for redevelopment of Stateway Gardens, which included demolition of the existing 1,644 units and development of mixed income off-site housing units called "The Pershing" and on-site units called "Park Boulevard" in various housing styles and construction. Residents of The Pershing and Park Boulevard would have access to a growing number of community amenities. The Chicago Park District would offer day camps and summer programming for adults and children at Stateway Park. The Illinois Institute of Technology is located near Stateway Gardens and

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theater performances in 1965, and construction of a swimming pool in 1966. Chicago Park District Archives, Chicago Public Library Digital Collections, Chicago Park District Records: Photographs.

[41] "Kin of King will Direct March Here," *Chicago Tribune*, July 10, 1965; "Dr. Martin Luther King Rally Forces to March on City Hall," *Chicago Tribune*, July 25, 1965; "King to Lead City Hall March, Hold 14 Rights Rallies Here," *Chicago Tribune*, July 21, 1965.

[42] U.S Housing and Urban Development FY 2005 Annual Plan, Plan for Transformation Year 6, Nov. 1, 2004, https://www.hud.gov/sites/documents/CHAFY2005-ANNUAL-PLAN.PDF

IIT representatives served on the Stateway Gardens Working Group. IIT offered financial incentives for staff and students who purchased new units in The Pershing and Park Boulevard.[43] To date, while only a fraction of the planned units for the State Street Corridor in Bronzeville have been constructed, a mixed-income apartment block at the corner of Pershing Road and State Street has been built across the street from the Crispus Attucks school building.[44] Redevelopment of the Stateway Gardens is anchored around a Pete's Fresh Market with parking spaces and public housing units.[45] Pat Dowell, Third Ward Alderman, held a townhall meeting on November 8, 2018 at Apostolic Faith Church and laid out redevelopment plans for the area.[46]

3. Modern School Design

Progressive school design in Chicago can be traced back to Dwight Perkins (1867 – 1941), who served as chief Chicago Board of Education architect from 1905 to 1910. During that time period Perkins designed or oversaw designs for dozens of elementary school buildings in Chicago, including Bernard Moos, Jesse Spalding, George W. Tilton, Grover Cleveland, Lloyd, George M. Pullman and Lyman Trumbull; technical schools, including Crane Manual High School, and the first Lane Technical High School; and high schools including Carl Schurz and Bowen.

Perkins was part of a progressive group of reformers who believed that schools should serve a wider purpose and Perkins's originative designs skillfully blended "the functionalism of the Chicago School with the social agenda and the aesthetics of the Arts and Crafts movement;" using natural colors of brick, minimal ornamentation, large banks of windows, and strong geometric planes.[47] On the interior, auditoria were placed on the first floor so they could be used by the community when school wasn't in session, hallways and stairways were widened, washrooms were located on every floor, and classrooms were positioned facing east or west to take advantage of natural sunlight.

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[43] U.S Housing and Urban Development FY 2005 Annual Plan, Plan for Transformation Year 6, Nov. 1, 2004, https://www.hud.gov/sites/documents/CHAFY2005-ANNUAL-PLAN.PDF, 24.

[44] Jake Bittle, Srishti Kapur and Jasmine Mithani, "Redeveloping the State Street Corridor," South Side Weekly, (January 31, 2017), https://southsideweekly.com/chicago-unfulfilled-promise-rebuild-public-housing/ (accessed September 2, 2019).

[45] Ibid; Ward Three Chicago, http://ward03chicago.com/petes-fresh-market-and-single-family-home-design-competition-town-hall-recap/, (accessed September 10, 2019).

[46]Pat Dowell, 3rd Ward Alderman, Town Hall Meeting, http://ward03chicago.com//wp-content/uploads/2018/11/November-2018-Town-Hall-Apostolic-Faith-Church-110818.pdf,)accessed September 10, 2019).

[47] "School Architecture, Encyclopedia of Chicago, http://www.encyclopedia.chicagohistory.org/pages/1120.html, accessed September 21, 2019; "Dwight Perkins," Chicago Historic Schools, https://chicagohistoricschools.wordpress.com/, accessed September 21, 2019.

While Perkins served as CBOE architect, he also planned a forest preserve system with his friend, landscape architect Jens Jensen; together they co-authored the 1904 *Report of the Special Park Commission to the City Council of Chicago on the Subject of A Metropolitan Park System,* which ultimately resulted in the formation of the Cook County Forest Preserve system.[48] Perkins was a member of the Special Park Commission and his interest in parks and landscape preservation efforts also resulted in his inclusion of open spaces and playgrounds around schools. [49] Perkins, along with friend Jane Addams and others, were part of the progressive *Playground Movement,* which advocated for construction of municipal and school playgrounds for the individual and collective health, physical fitness and educational benefits.[50] In terms of his school architecture, Perkins recommended larger setbacks, landscape improvements and sometimes as many as three playgrounds per school building.[51]

Progressive school design was continued by Dwight Perkins's son Lawrence. In 1935 Perkins and his classmate from Cornell University College of Architecture Philip Will, founded Perkins & Will as the successor firm to Perkins, Fellows and Hamilton, led by Lawrence's father Dwight. E. Todd Wheeler later joined the firm. In 1938 Perkins, Wheeler and Will received the commission to design Crow Island School in Winnetka, IL. The firm grew in the late 1940s and by the mid-1950s it had become one of the preeminent school-design firms in the country. Lawrence Perkins authored two seminal books on school design: "Schools," with Walter Cocking, in 1949, and "Workplace for Learning," in 1957. By 1960 the firm had designed 372 projects in 24 states and eventually grew to one of the country's largest architectural firms.[52]

Influenced by Mies van der Rohe, architects in the post-World War II-era in Chicago and elsewhere designed buildings that clearly referenced geometry and structure.[53] School

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[48] Jennifer Gray, "An Everyday Wilderness: Dwight Perkins and the Cook County Forest Preserve," Future Anterior: Journal of Historic Preservation History, Theory, and Criticism 10, no. 1 (Summer 2013); Julia Bachrach, "Happy 150th Birthday Dwight Heald Perkins! (a little late…), https://www.jbachrach.com/blog/2017/4/7/happy-150th-birthday-dwight-heald-perkins, accessed September 22, 2019.

[49] "Dwight Perkins," Chicago Historic Schools, https://chicagohistoricschools.wordpress.com/, accessed September 21, 2019.

[50] Jennifer Gray, "Ready for Experiment: Dwight Perkins and Progressive Architectures in Chicago, 1983-1918." (PhD dissertation, Columbia University, 2011); Julia Bachrach, "Playground Movement," Encyclopedia of Chicago, http://www.encyclopedia.chicagohistory.org/pages/976.html, accessed September 21, 2019; https://www.jbachrach.com/blog/2017/4/7/happy-150th-birthday-dwight-heald-perkins, accessed September 21, 2019.

[51] Chicago Historic Schools.

[52] Blair Kamin, "Lawrence B. Perkins, Architectural Pioneer," *Chicago Tribune*, December 4, 1997; David W. Dunlap, "Lawrence Perkins, 90, Architect Who Loved Building Schools," New York Times, December 6, 1997.

[53] John Winter, "Follow Mies," *The Architectural Review* 154 (1994):42.

designs from this time period reflected the same influences; i.e., they were simpler, less monumental, and generally lower. These changes in design reflected architectural modernism, changes in educational theories and efforts to save on building costs. School architects rejected the typical monumental school prototypes with classical referencing in favor of low-story buildings with expansive windows and little, if any, ornament. Roofs were flat. In the interior, teacher-oriented classrooms with fixed rows of desks and chalkboards were disregarded and replaced with child-centered classrooms where children could move around freely, use furniture that could be easily rearranged, use materials other than textbooks, and view or have access to outdoor spaces.

Crow Island School, designed by Perkins, Wheeler and Will in collaboration with Eliel and Eero Saarinen, built in 1940, was notable for several innovations that made a significant impact on school design. The design of Crow Island was greatly influenced by Carleton Washburne, superintendent of Winnetka schools, and school teachers who collaborated with the architects on the plan for the school. The result was a design intended to not overwhelm children, but to make them feel at home and to encourage free and creative movement and learning. The architects sought to design the building around students' activities. The school district's progressive education was centered around developing its students' citizenship skills, individuality and emotional well-being through individual and group academic work and non-academic work.[54]

The school is a low-slung, one-story building with numerous garden spaces that divide and are accessible to individual classrooms. On the interior, space is divided into separate areas for administration, communal areas such as the auditorium, library, art room and playroom, and classrooms are clustered together by grade group, with each grade group having its own wing, classrooms and playground.

Long corridors that connect L-shaped classrooms, expansive windows on two exposures that offer views of outside, and lower ceilings offer a more child-friendly, less imposing atmosphere. Interior decoration is kept to a minimum and abstract, so that children are encouraged to imagine and be creative in an open environment, rather than have their imagination inhibited by images or decoration presented to them. Classrooms are self-contained and include a workroom with storage, counters, a sink, a washroom with a child-sized, appropriate-height toilet, shelves, built-in seating and tables and chairs that could easily be re-arranged. Eero Saarinen and his mother Loja Saarinen designed the draperies.

[54] Gyure, The Chicago Schoolhouse, 158, citing Winnetka Parent-Teacher Association, *Your Child and Your School* (Winnetka, IL: 1933), 4, and Carlton W. Washburne & Sidney P. Marland, Jr., *Winnetka: The History and Significance of an Educational Experiment* (Englewood Cliffs, NJ: Prentice Hall Inc., 1963).

Eero also designed the plywood classroom furniture, and his fiancée Lillian Swann created the brightly glazed ceramic reliefs.

Crow Island was widely publicized in architectural and educational journals. A traveling exhibit from the Museum of Modern Art in New York entitled "Modern Architecture for the Modern School "was shown at universities, museums and community centers throughout the country from 1942 – 1946 and highlighted Crow Island and two California schools, Richard Neutra's Corona Avenue School (1943) and Franklin and Kump's Acalanes Union High School (1939 – 1940). The exhibit showcased low-rise school buildings with single- or double-loaded corridors and bright, well-lit self-contained classrooms with lower ceilings. The curator of the exhibit, Elizabeth Mock, urged changes in American school design, arguing that the psychological needs of children could be met with planning, materials and new methods of teaching. The exhibit also highlighted the availability of inexpensive building technology and modern ideas about lighting and furnishings.[55] A traveling exhibition called Schoolroom Progress USA, sponsored by the Henry Ford Museum and Greenfield Village and the Encyclopedia Americana toured the country in the mid-to late 1950s. Five architectural firms contributed model classrooms to showcase the newest ideas, including Perkins and Will.[56]

Crow Island was hailed as a prototype for the modern American school and became one of the most influential school buildings in the country.[57] In 1955 *Architectural Forum* published an article entitled "Crow Island Revisited," and stated "Crow Island appears, if anything, more significant than it did 15 years ago. Time and use – not only here but in many hundred later schools – have proved out the workability of its innovations to a degree that only the wildest optimist in 1940 could have conjectured. The national debt owed Crow Island for ideas large and small is staggering."[58]

The design of many modern schools built after 1940 in Chicago and the rest of the country were influenced by the ideas set forth in the design of Crow Island School. Interior space and furnishings were designed to be more flexible, and "flexibility" became an important concept in modern school design during this time period. Schools were scaled down from the imposing structures of the past. Buildings were fewer stories, often one or two, spread

[55] Amy F. Ogata, "Building for Learning in Postwar American Elementary Schools." *Journal of the Society of Architectural Historians* 67, no. 4 (2008):567.

[56] Ibid.

[57] Blair Kamin, Lawrence B. Perkins, Architectural Pioneer, *Chicago Tribune,* December 4, 1997.

[58] "Crow Island Revisited," *Architectural Forum* 103 (October 1955), 130, quoted in Ogata at 586.

out, flat-roofed and unimposing. [59] Ceilings were lowered, and "bright, cheerful" colors were introduced into schools to make them "humanized."[60]

Progressive Influences at Crispus Attucks

The design of Crispus Attucks School by Fugard, Burt, Wilkinson & Orth drew on years of progressive designs seen at schools like Crow Island beginning with Dwight Perkins and his son Lawrence. Crispus Attucks was a two-story building with double-loaded corridors, classrooms that were bright and well-lit from an expanse of windows, lower ceilings and flexible space within classrooms and other rooms like the gymnasium that served as a lunchroom, gymnasium and auditorium. The library, positioned on the northwest side of the building, projected from the main façade of the building and had an outside entrance that allowed access to the space by the community. The gymnasium/auditorium was positioned on the northeast side of the building, and also had a separate entrance so the public could access and use the space when school was not in session. Furniture in all classrooms at Crispus Attucks was movable. Built-in wood cabinets and coat hooks in the classrooms were functional and attractive.

The building was divided into "zones," separating the students by age groups and function. Each zone or unit provided a separate function of the school. The south unit was designed for larger, more flexible kindergarten classrooms. The center unit served the rest of the students with traditional classrooms. The north unit contained the shared spaces such as the library, gymnasium, and industrial arts classrooms.

In the south unit, the idea that the youngest children required a different type of learning environment than older school-aged children was the prototype of the modern kindergarten class. Each kindergarten classroom featured its own kitchenette, storage space, bathroom, and playground to provide a more "home-like" experience for small children beginning their school careers. The kindergarten classrooms at Crispus Attucks were intentionally located with a southern exposure and had large windows to maximize access to daylight, which was thought to promote learning and growth. The classrooms could be accessed from the main interior hallway but also had private entrances that could separate the kindergarten children from older students.

The location of the north unit's functional spaces was also a deliberate design decision. The location of these amenities was strategically placed for convenient access to the surrounding community in addition to use by the students. Spaces like the library and

[59] Gyure, The Chicago Schoolhouse, 177; Archie L. Gray and Jerald Blake, chapter 4, "Trend in Materials and Design," "School Plant and Equipment, "*Review of Educational Research* 21, no. 1, (Feb. 1951):28-35.

[60] Gyure, *The Chicago Schoolhouse*, 177.

gymnasium had their own separate entrances and could therefore be utilized for community events and meetings outside of school hours for those living in Stateway Gardens. The gymnasium was separated into two gyms: one for boys and one for girls. However, the girls' gym was raised slightly so that the gym could also be used as a stage and backstage area, with the boys' gym providing space for audience seating.

The main entrance to Crispus Attucks school is not located in the center of the main façade, but off-center toward the north and indicated only by the yellow terra cotta panel surround. Modern architects from this time period often didn't place the building entrances in the center of the building as traditional school buildings, and entrances were not emphasized.[61]

The low-slung modern design aesthetic was as functional as it was cost-effective. The ornament on the Crispus Attucks School was limited to the terra cotta tiles. One of the most significant features of the exterior of the Crispus Attucks Elementary School building is the brightly colored turquoise glazed brick and turquoise and yellow terra cotta units. The terra cotta installed on the exterior of the building was manufactured by the American Terra Cotta Company, which began manufacturing in 1881 and stopped production in 1966.[62] After World War II, the terra cotta industry faced significant challenges, among them the perception that terra cotta was old-fashioned. The few remaining companies, including the American Cotta Company, formed the Architectural Terra Cotta Institute in 1947.[63] The goals of the Institute were to educate building professionals about the uses and properties of terra cotta, to address the shortage of trained craftsmen, to compile statistics of terra cotta being used throughout the United States and to manufacture new products appropriate to the architectural styles of the current period.[64] Terra cotta produced during this time period consisted of simplified, extruded forms with large, flat surfaces and shallow backs. These "wall ashlars" were appropriate for the modernist aesthetics of the time period and could be adhered to plaster, brick or tile. They were often used in public buildings such as libraries, hospitals and schools.[65]

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[61] Gyure, *The Chicago Schoolhouse*, 178.

[62] Statler Gilfillen, ed., *The American Terra Cotta Index,* 144. Fugard, Burt, Wilkinson & Orth also placed orders with the American Terra Cotta Co. for an alteration to General Hospital, 840 S. Wood Street (now the John H. Stroger Cook County Hospital) and Willowbrook High School in Villa Park. Ibid., at 149, 166.

[63] The organization would disband in 1959. Tunick, Susan. "Architectural Terra Cotta: 1900 - 1990, Studiopotter.com, https://studiopotter.org/architectural-terra-cotta-1900-1990, accessed August 5, 2019.

[64] Tunick, Susan. "The Reign of Terra Cotta in the United States: Enduring in an Inhospitable Environment, 1930 – 1968." *APT Bulletin: The Journal of Preservation Technology* 29, no. 1 (1998): 44 - 45.

[65] Tunick, "Architectural Terra Cotta "at 45.

The colorful terra cotta used at Crispus Attucks Elementary School was produced during this period. Turquoise ashlars run along the roofline and bright yellow square units surround the main entry. Glazed brick in the same turquoise color was placed above the first- and second-story windows and over entrances. Contrasting with the cream brick, the bright colors cheerfully mark the building as an elementary school and distinguish it from the Stateway Gardens housing project. The pared-back aesthetic was an intentional design choice that both favored progressive styles popular at the time as well as limited budgets for an ever-expanding community population.

4. Post-World War II Chicago Public Schools Development

Explosive population growth from the post-World War II "baby boom" and the *Great Migration*, which began during World War I but accelerated rapidly in the 1940s and 1950s,[66] led to a significant expansion of the Chicago Public School system. Enrollment in the Chicago Public Schools surged after World War II, while figures vary, enrollment increased between 10,000 and 12,000 per year throughout the 1950s.[67] Many schools held classes on double time, or two classes per-day.[68] In order to meet this demand, an enormous building campaign was undertaken. The Chicago Board of Education and Superintendent Herold C. Hunt proposed an unprecedented $50 million school building bond issue that was approved by voters in 1951.[69] Ultimately, during the 1950s, more than a quarter billion dollars in bond issues for school construction were approved in five separate referenda, while the school district's operating budget more than doubled, with almost two-thirds coming from local property taxes.[70]

Benjamin C. Willis succeeded Hunt as superintendent in 1953. Over the course of "Big Ben the Builder's" thirteen-year tenure, CPS built over 200 elementary schools, over a dozen high school buildings, and multiple additions. In addition, CPS purchased more than a

[66] James Grossman, "Great Migration," Encyclopedia of Chicago, http://www.encyclopedia.chicagohistory.org/pages/545.html, accessed September 23, 2019.

[67] Carl Condit, *Chicago, 1930 – 70*. (Chicago: The University of Chicago Press, 1974), 167.

[68] "Benjamin C. Willis, Ex-City Schools Chief, *Chicago Tribune*, August 30, 1988.

[69] Ibid; see, generally, "The Building Program Proposed for the Chicago Public Schools," Chicago Board of Education, 1951; "A Building Program *Now,"* Chicago Board of Education, 1951, WBEZ Radio Program scripts and other promotional information in the Chicago Board of Education Archive, Capital Improvement Program, New Facilities, 1924 – 1967 Box 1.

[70] John L. Rury, "Race, Space and the Politics of Chicago's Public Schools: Benjamin Willis and the Tragedy of Urban Education," *History of Education Quarterly* 39, no. 2 (Summer, 1999): 125.

hundred mobile classrooms, and rented other facilities to handle the large number of school age children.[71]

While John C. Christensen was the official CBOE architect, Willis inaugurated the use of private architectural firms to design school buildings because of Willis's belief that private firms would work faster and less expensively than the governmental architects, and because he believed that outside architects would add variety to building design. Within five years of Willis acting as superintendent, 26 outside architects or firms were working on designs for Chicago Public Schools.[72] Private architects designed 20% of the school designs from 1955 – 1957, and 60% of building projects following that period.[73] Some of those firms include Perkins + Will (Overton, Washington, Byrd, Beethoven, Jones Commercial High School), Skidmore, Owings and Merrill (Doolittle), Cone and Dornbusch (Birney, Shoesmith), Schmidt Garden & Erickson (Skinner, John Hancock High School), Loebl, Schlossman and Bennett (Mather High School), Childs & Smith (John Marshall Harlan High School), Naess & Murphy (William J. Bogan High School)Harry Weese Associated (Jens Hensen School), Holabird, Root & Burgee (Dunbar Vocational High School), and of course, Fugard, Burt, Wilkinson & Orth (Crispus Attucks, Joseph Medill and LaSalle).

Willis was adamant that school buildings were planned and built to serve the educational program that best met the needs of children.[74] Consulting with parents, teachers, administrators and neighbors, the board of education studied census records, attendance records, birth rates and real estate issues to ensure that schools were located appropriately and would have the capacity for future enrollment.[75] Willis was interested in the modernist aesthetic because it was functional and attractive, but at the same time he favored those design precepts because it kept construction costs down.[76] Ornamentation was eliminated,

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[71] Dale Allen Gyure, *The Chicago Schoolhouse* (Chicago: The Center for American Places at Columbia College Chicago, 2011), 165; Public Works Publication, City of Chicago, Department of Planning and Development; see Table 1, attached; Rury, at 125. In 1961, the CBOE approved the purchase of 150 – 200 mobile classrooms to be installed at existing schools and on vacant lots. The term "Willis Wagons" was used to refer to the mobile classrooms when parents, neighborhood organizations and civil rights groups including Martin Luther King protested school overcrowding and segregation. "Willis Wagons," *Encyclopedia of Chicago*, http://www.encyclopedia.chicagohistory.org/pages/1357.html, accessed September 21, 2019; Inventory of the Benjamin C. Willis Papers, Online Archive of California, Finding Aid, Biographical Note, https://oac.cdlib.org/findaid/ark:/13030/kt3290331q/entire_text/, accessed September 21, 2019; Rury, at 132.

[72] Gyure, citing Cynthia A. Wnek, "Big Ben the Builder: School Construction – 1953 – 66" Ph. D. diss., Loyola University of Chicago, 1988, 124, CBOE Annual Report, 1958.

[73] Wnek, "Big Ben the Builder: School Construction," 124.

[74] General Superintendent of the Chicago Public Schools, *Annual report of the General Superintendent of the Chicago Public Schools, 1953 – 54* (Chicago: Chicago Public Schools, 1954):3.

[75] Ibid at 165- 166.

[76] "More than Bricks and Mortar…1953 – 1966: The Continuing Building Program of Chicago Public Schools, Benjamin C. Willis, General Superintendent, 1966.

materials were chosen for durability and economy, spaces were designed for multiple use. Steel frames with concrete block walls were built faster and were less expensive, and large expanses of glass eliminated the need for expensive masonry walls. Plaster finishes and wood trim were eliminated from the interior and ceiling heights were lowered. Originally intended as an international design, functional modernism became a cost saving measure.

Chicago Public Schools built during the post-World War II period were for the most part modern, low -rise buildings made of brick, with flat roofs, little or no ornament, and long ribbons of windows grouped together and generally flush with the face of the wall. Numerous buildings incorporated the use of color in masonry or metal. Entries were often minimized in appearance, marked with flat roofs and off-center. Additions often were designed to reference the original building, or were modern.

5. Fugard, Burt, Wilkinson & Orth

The architectural firm of Fugard, Burt, Wilkinson and Orth originated as Thielbar and Fugard in 1925. Founder Frederick J. Thielbar (1866 – 1941) graduated from the University of Illinois and began his career at Holabird & Roche as superintendent of construction. He later became general superintendent and then junior partner of the firm. In 1918 he left the firm to practice on his own, and in 1925 he joined John Reed Fugard to form Thielbar and Fugard. Thielbar was appointed chairman of the committee that revised the Chicago Building in 1935 and was a consultant of federal housing projects in Chicago. He was a trustee of Northwestern University, the Chicago Temple, Methodist Old People's Home, Goodwill Industries, and was president and trustee of the Methodist Social Union and Wesley Memorial Hospital. [77] While at Holabird & Roche Thielbar was involved with the design and construction of city hall and the county building, the Hotel LaSalle, the University Club, and the Chicago Temple Building, among other projects. [78] Thielbar died in 1941 in the Wesley Memorial Hospital Building, once part of Northwestern Memorial Hospital, which he helped design.

Other founder John Reed Fugard (1886 – 1968) graduated from the College of Engineering at the University of Illinois in 1910. Fugard served as the first chairman of the Chicago Housing Authority in 1937 and later rejoined in 1953.[79] He was president of the Illinois Society of Architects, an active member of the American Institute of Architects, the Metropolitan Housing Council, vice-president of the Greater North Michigan Avenue Association, and a member of the Citizens Board of Trustees of the University of Chicago, among other things. He represented the United States at a meeting in Bogota, Colombia on housing in Latin America and represented the Chicago Housing Authority at the International Congress of Housing in Vienna, Austria, both in 1956.[80] He also represented the CHA in an extended tour of Germany and represented the American Institute of Architects in Moscow and Paris.[81]

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[77] "F.J. Thielbar Dies; A Building Expert," *New York Times*, November 16, 1941; "F. J. Thielbar Heads Wesley Memorial Hospital Trustees," *Chicago Tribune*, December 16, 1935.

[78] "News of the Architects," *Chicago Tribune,* May 31, 1925.

[79] "Fugard Rejoins CHA Board He Headed in '37," *Chicago Tribune,* November 10, 1953.

[80] "John R. Fugard Memorial Rites Set Thursday," *Chicago Tribune,* August 19, 1968.

[81] "Fugard Rejoins CHA Board He Headed in '37," *Chicago Tribune,* November 10, 1953; "John R. Fugard Memorial Rites Set Thursday," *Chicago Tribune,* August 19, 1968; "Fugard on Trip to Germany as Official Guest: Architect Will Stay for Four Weeks," *Chicago Tribune*, April 21, 1958; American Institute of Architects, American Architects Directory, 1962, https://aiahistoricaldirectory.atlassian.net/wiki/spaces/AHDAA/pages/20677106/1962+American+Architects+Directory, accessed September 21, 2019; Village of North Barrington, Illinois, Board of Trustees Meeting, March 23, 1964, http://www.barringtonarealibrary.org/files/nbm32364.PDF, accessed September 21, 2019.

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After graduation Fugard formed John Reed Fugard & Co. Fugard later partnered with George Knapp in 1917. Knapp had previously worked for Solon S. Beman. Fugard & Knapp are best known for their designs of luxury hotels and apartment buildings, including 181, 209, 219 and 229 E. Lake Shore Drive, which are contributing to the East Lake Shore Drive Historic District, designated a Chicago Landmark Historic District in 1985[82]; 20 E. Cedar Street; the Neuville, 232 E. Walton Place (listed on the National Register in 2012)[83]; the Mayfair Regent Hotel; the Belmont Hotel; [84] and the Allerton Hotel (associate architects), designated a Chicago Landmark in 1998. Fugard & Knapp also designed the Moody Memorial Church; the Mutual Insurance Building; the Cook County Tuberculosis Sanitarium and South Water Market, possibly the largest wholesale market complex in the world, listed on the National Register of Historic Places in 2004. The first employee of Fugard & Knapp was Gustave Orth.[85]

After Knapp retired, Fugard joined Frederick Thielbar to form Thielbar & Fugard, which designed a number of prominent buildings in Chicago: the Jewelers Building, with Giaver and Dinkelberg (designated a City of Chicago Landmark in February, 1994 and listed as contributing to the Michigan-Wacker Historic District National Register of Historic Places in 1978); 201 E. Delaware (now the Raffaello Hotel); the McGraw Hill Building (façade, elevated walkway and limestone balustrade of north elevation and main lobby designated a Chicago Landmark in 1995); the Trustees System Service Building (designated a Chicago Landmark on January 9, 2003); the Wesley Pavilion, formerly at Northwestern Medical Center; and the 1933 Century of Progress International Exposition Hall of Religion. After Thielbar died in 1941, Fugard formed a "syndicate" of firms to design large wartime projects nationwide from 1941 – 1943. After the war ended in 1945, the firm reorganized to include Paul G. Burt and Laurence E. Wilkinson, Gustave Orth and John R. Fugard Jr.[86]

Fugard, Burt, Wilkinson & Orth was known for its institutional designs, particularly hospitals and schools. Notable hospital designs include the Psychiatric Institute in Chicago with Shaw, Metz & Dolio; an addition to St. Bernard's Hospital in Chicago; Deaconess Hospital in Spokane, Washington; Wesley Memorial Hospital, Chicago; Veterans'

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[82] City of Chicago, Landmark Designation Report, "East Lake Shore Drive District," Preliminary Summary of Information, October, 1984.

[83] "The Neuville, "National Register of Historic Places Registration Form, November 9, 2012.

[84] "News of the Architects, "*Chicago Tribune*.

[85] "The Neuville," National Register of Historic Places, November 9, 2012.

[86] "South Water Market," National Register of Historic Places, July 9, 2010; "News of the Architects," *Chicago Tribune*, March 4, 1945. In 1967 the firm became Fugard, Orth and Associates, Inc. which dissolved in 1983, Open Corporates Ltd., https://opencorporates.com/companies/us_mi/618436, accessed September 21, 2019.

Administration Hospital in Iron Mountain, Michigan; Hurley Hospital in Flint, Michigan; the South Shore Hospital in Chicago; Yakima Valley Memorial Hospital, Yakima, Washington; St. Joseph Memorial Hospital, Benton Harbor, Michigan; Houghton Hall, Abraham Lincoln Memorial Hospital, Lincoln, Illinois; Palos Community Hospital, the Tuberculosis Sanitarium in Hinsdale, IL; the Guy's Hospital in London England, and several others.[87]

School designs of the firm's include several buildings at the University of Illinois Campus, including the Morrill Hill addition, the Mechanical Laboratory and Pennsylvania Residences, Babcock Hall, Blaisdell Hall, Carl Hall, Pennsylvania Lounge Building, Saunders Hall and Trelease Hall, with Richardson, Severns, Scheeler & Associates, alterations to the Central National Bank Building at the University of Illinois at Chicago Circle Campus, .[88] The firm also designed a dormitory for the Evangelical Theological Seminary and high schools, including Willowbrook High School in Villa Park, IL, addition to Hinsdale Township High School. [89]

The firm also designed elementary schools, including Pleasantdale Elementary School in Willow Springs, IL, Hillcrest School in Downers Grove, Oak School in Hinsdale, IL, an addition to the school of Hinsdale Seventh-Day Adventist Church, and at least two other elementary school buildings in Chicago, in addition to the Crispus Attucks School: the Joseph Medill Elementary School, part of the ABLA Homes public housing project (an anachronym for four separate public housing projects on the Near-West side of Chicago: Jane Addams Homes, Robert Brooks Homes, Lomis Courts and Grace Abbott Homes); located at 1301 W. 14th Street, opened in 1959, and now the Chicago Tech Academy High School,[90] and the La Salle Public School (now known as the La Salle Language Academy), 1734 N. Orleans Street, opened in 1961 in the Old Town community.

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[87] "Hospital Wing to Cost 2.8 Million," Chicago Tribune, February 5, 1961; "Expect Hospital to Ask Bids in January," The News-Palladium, November 5, 1966; "Deaconess Calls Bids for Six-Story Wing, *The Semi-Weekly Spokesman-Review,* July 10, 1959. Gustave Orth also designed the Theatre of Western Springs building, *AIA Journal of the American Institute of Architects*, August 1961, http://usmodernist.org, accessed July 20, 2019.'

[88] Lex Tate and John Franch, *An Illini Place: Building the University of Illinois Campus* (Urbana, Chicago and Springfield: University of Illinois Press, 2017), 41; "University of Illinois at Chicago Circle, Chicago Advertisement for Bids," *Southern Illinoisan*, September 9, 1964; "Pleasantdale Planning New School Annex," *Chicago Tribune,* August 7, 1955;

[89] "New Dorm for Married Students in Naperville," *Chicago Tribune,* November 15, 1957; "Pleasantdale Planning New School Annex," Chicago Tribune, August 7, 1955; "Hinsdale Church to Build School Wing," *Chicago Tribune,* August 24, 1958.

[90]AIA Historical Directory of American Architects, American Architects' Directory, https://aiahistoricaldirectory.atlassian.net/wiki/spaces/AHDAA/pages/20677106/1962+American+Architects+Directory, accessed May 1, 2019; July 24, 1957 Meeting, Proceedings Board of Education City of Chicago Vol. 1, July 1, 1957 – Dec. 21, 1957 1-699: 102; "Proposed Addition to Medill Grade School," *Chicago Tribune,* September 18, 1958; Arthur Jackman, "Recorder, Maker of History Gave Name to Medill School, *Chicago Tribune*, September 16, 1965.

The elementary school buildings that Fugard, Burt, Wilkinson & Orth designed were modern, rectilinear, and mostly devoid of ornamentation, with flat roofs, brick, and ribbons of metal-framed punched windows. Medill School and the La Salle were both designed similarly to the Crispus Attucks school: low-slung, Modernist brick buildings, horizontal in orientation, flat roofs with short parapets and minimal metal parapet caps, and projecting flat metal framed roofs over entries. Brick patterns for all three buildings are the same running bond, while colors are different: Attucks brick is brown, Medill is white and LaSalle is cream. Brick piers that run from the bottom of the first floor windows and extend to the roof frame grouped windows at Attucks and LaSalle, but at Medill the brick piers are confined within the window groupings.

The design for Medill uses color in a similar manner as the design for Crispus Attucks: to frame the windows and mark the entries. In the case of the Medill school, bright yellow glazed brick piers divide windows and bright red brick surrounds entryways. Crispus Attucks is the only school that is designed around an open courtyard. Medill School was designed adjacent to an existing historic building, consequently its site was limited and as a result the playground area is small.

PART II. ARCHITECTURAL DESCRIPTION

A. General Statement

Located at 3808 - 3812 S. Dearborn Street in the Park Manor neighborhood of Chicago, between Wentworth Gardens on the west and Bronzeville on the east, Crispus Attucks Elementary School is a two-story masonry building designed in the International Style and inspired by modernist school building design theory. Light brown and colorful glazed brick and terra cotta, and flat aluminum trimmed roofs grace the exterior. The school sits at grade on the east side of South Federal Street, just east of the I-94, Interstate 90 and the Dan Ryan Expressways, west of South State Street, south of West 37th Street and north of West Pershing Road. The International Style building features a simple, streamlined and unornamented design. It has a U-shaped footprint surrounding a courtyard on the east side.

B. Exterior Description

The Crispus Attucks School is organized into three sections or “units” as the original architects referred to them: a large rectangular central unit, a south unit, and a north unit. All three units are connected. The building has a general horizontal appearance, with windows and brick running horizontally across the elevations, simple punched windows and entrances without framing and no ornamentation. Flat horizontal aluminum roofs further the horizontal feel. Brown bricks are placed in a common bond pattern with a header course every sixth course, and wide, horizontal glazed turquoise terra cotta bricks

run along the roofline. The roof is flat. All of the windows are boarded up except for a few which are open. There is no glazing present. Flat brick pilasters visually divide the windows and reference the structural design of the building. Light blue/green glazed bricks in a running bond pattern are placed above first floor windows and above the second story windows on several elevations.

West Elevation
The main entrance to the building is on the west elevation. Light brown brick and colorful turquoise glazed brick in a running bond pattern and the same color terra cotta at the roofline clad the exterior of center unit of this elevation. Dominated by large horizontal windows on the first and second floors that are boarded up, the elevation is divided by brick "pilasters" that run from the ground to the roof. The sills on the first-floor windows are concrete and aluminum on the second floor. There are entrances just to the north of the center of the center unit, and on the south unit. Bright yellow glazed terra cotta squares surround the recessed main entrance and appear over the doorway on the south entrance to the building, which features an aluminum roof. Aluminum letters on the second floor over the south entrance once read "CRISPUS ATTUCKS ELEMENTARY SCHOOL" but several letters are missing.

South Elevation
The south elevation of the south unit of the building is visually divided in half. The west side of the south elevation is clad in brown brick and large horizontal windows and smaller vertical windows on the first and second floors have concrete sills on the first and second floors. On the east side of the south elevation, fenestration and masonry patterns are the same as the west elevation: light blue/green glazed bricks appear between the first and second floor windows and above the second floor windows and concrete sills are located beneath the first floor windows and aluminum sills below the second floor windows. There are recessed doorways on the first floor on the west side and on the east side; the east side doorway features a flat aluminum roof.

East Elevation
The East elevation of the central unit facing the courtyard repeats the fenestration and masonry patterns from the west elevation: multiple wide horizontal windows on the first and second floors, with light brown brick separating windows. Blue/green glazed brick separate the first and second floor windows and appear on top of the second-floor windows. In the center of center unit elevation is an expanse of light brown brick without colored glazed brick, vertical windows on the second floor and a recessed entrance, loading dock and vertical windows on the first floor. The south unit projects into the interior of the courtyard facing north and repeats the brown brick and blue/green glazed brick from the

other elevations; it also has recessed entrances on the east and north sides. The north unit facing south into the interior of the courtyard is one-story with a double-door entrance, two slender vertical windows and a ribbon of horizontal window voids with concrete sills. The roof of this section bears a smokestack. The east side of the north unit has a recessed entrance accessible by a small concrete stairway. At some point in time the aluminum letters that spelled out CRISPUS ATTUCKS ELEMENTARY SCHOOL from the original plan were replaced with black metal letters that now read CRISPUS ATTUCKS COMMUNITY ACADEMY.

North Elevation
The north elevation of the north unit is clad in the same light brown brick as the other elevations and is visually divided in half. The east side has double-height slightly projecting pilasters between each of the windows which appear only on the second floor, and the west side of the north elevation has windows on the first floor, but not the second floor and no pilasters. The east side also has a small recessed entrance and one-story area that projects westward with large windows and a projecting flat aluminum roof.

C. Interior Description

The interior of the building retains its original layout, features and finishes from its 1957 construction with minor changes from its 1994 renovation. The two-story, U-shaped building was designed as a double-loaded corridor with 17 classrooms on the first floor, including three kindergarten rooms in the south unit; classrooms, the main entrance vestibule, principal's office and other offices in the central unit; and faculty rooms, library, two-story boys' gym and dining hall, girls' gym and locker rooms in the north unit. The area that projects west and north on the west and north elevations is the library. The one-story portion facing the courtyard on the south unit contains the boiler room, a conference room and an engineers' office.

The south unit was intended to separate the younger children from the older students. Separate entrances on the west and east sides of the south unit, as well as a separate play area outside with its own entrance on the south side of the south unit reinforce the separation. The library on the north side of the north unit has an interior window into the hallway and an exterior entrance on the north side. This design might have intended to allow members of the community to access and utilize the library to borrow books, attend meetings, etc.

The double-height boys' gym served as a gymnasium and lunchroom and included kitchen facilities. The north side of the gymnasium features an elevated section which served as

the girls' gymnasium and a stage. Storage units are built under the stage. Locker rooms are connected to the space on the east side.

The walls of interior hallways of the first and second floors are lined with glazed masonry beginning at the floor and rising approximately half-way up to painted concrete masonry that extends to the ceiling. Ceilings in the hallways are acoustical tiles in metal grids. Light brown brick that matches the exterior in a running bond pattern line the walls in the entrance vestibule and stairways. Flooring appears to be concrete with green linoleum tile running down the center of the halls and in cruciform at junctures of hallways. Flooring in the entrance vestibule and classrooms is grey linoleum and clay tile in the stairways. The hallways contain original doors leading to classrooms and offices. Restrooms are typical school restrooms.

Walls in the classrooms are glazed masonry and painted concrete masonry. Some classrooms on the first floor retain original wood cabinetry, shelves and coat or backpack hooks. Classroom ceilings are acoustical tiles in metal grids.

Stairways lead to the second floor. While not observed, the current state of the second floor has not changed from the original design and includes 23 classrooms, faculty and equipment rooms, the upper part of the gymnasium and restrooms.

Interior Lobby

The main entrance retains the original glass fixed transoms. The interior doors are gone. The walls of interior lobby of the main entrance are clad in glazed brick, the same color as the exterior. Plans dated March 6, 1957 included designs for a memorial tablet dedicating the school to its namesake Crispus Attucks and read: CRISPUS ATTUCKS 1723 – 1770 First American to Give his Life While Resisting Tyranny in the Boston Massacre March 5, 1770. The tablet design included a portrait panel. The tablet was recessed in the brick wall in the entrance of the school; it is no longer there but a recess in the wall is evident. A photograph of the tablet was shown in an article in the *Chicago Tribune* in 1965.[91]

D. Site

Historic Landscape Design

The original landscape plan for the school included a grassy lawn surrounding the west and east sides of the building and select areas on the interior of the courtyard on the east side of the building. Original plans prepared by landscape architects Atkinson Fitzgerald

[91] White, Nancy. "Negro Hero Inspiration to Crispus Attucks Pupils," *Chicago Tribune*, February 11, 1965.

included Cockspur Hawthorn, Common Honey Locust, American Elm and Wheatley Elm trees and Privet shrubs along the west, south, east and north elevations and along the interior of the courtyard. The interior of the courtyard on the east side was designed as a playground and included basketball backstops and volleyball ports and sleeves. Another playground was situated on the south side of the building for the kindergarten and younger grades and included taubark (mulch) and a sandy area. A parking lot was placed on the south side of the site along South Dearborn Street and West Pershing Road.

A. General Site Description

The Crispus Attucks School occupies a parcel of land on the east side of South Federal Street, just east of the I-94, Interstate 90 and the Dan Ryan Expressways, west of South State Street, south of W. 37th Street and north of W. Pershing Road. Looking west, the building faces onto South Dearborn Street, a large grassy area, South Federal Street and the expressways. The east (rear) elevation face South State Street and a five-story residential building on the southeast and a vacant lot on the northeast. Looking north the building faces a grassy park. A chain-link fence surrounds the parcel on three sides: on the north, the east and west. A more recent wrought iron fence joins the chain link fence on the south portion of the site and extends along the east elevation. A concrete pedestrian sidewalk encircles the property on all four sides.

Light vegetation including grass, shrubs and a few trees are located on the site. One large shrub appears on the west elevation and a row of large deciduous trees line the perimeter of the property along the sidewalk on the south and east elevations. Stateway Park, a large green open grassy park is on the north side of the site and a baseball field sits on the northeast side of the park.

The location of the Crispus Attucks School was planned as part of planning for the Stateway Gardens housing project, which has been demolished. The building now sits amid vacant land between Dearborn and Federal Streets on the west, on the south, the park on the north, one five-story residential building on the southeast and another vacant lot on the northeast.

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Date: October 15, 2019

PART V. SOURCES OF INFORMATION

A. Archival Repositories

1. Chicago Board of Education, Archives:
   - Historic photographs
   - CBOE Bureau of Architecture Logbook
   - Proceedings, Board of Education Meeting Reports
   - Chicago Board of Education Archive. Capital Improvement Program. New Facilities 1924 – 1967 File, Box 1, Folder 4. School Bond Issue (1951):
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     - "A Building Program *Now* For Chicago Public Schools" Brochure
     - "Chicago Public Schools Building Program and Bond Issue," Special Program, Saturday June 2, 1951, WBEZ, Chicago Public Schools Division of Radio
     - "Some Trends in Elementary School Construction in Chicago" Brochure
     - "The School Population is Increasing," Pamphlet, April 1951
     - "Continuity" for 16 MM Motion Picture Film produced by the Radio Division of the Chicago Public Schools for use on Chicago Television Stations in promotion of The Chicago Public Schools Bond Issue
     - "Excerpts from Talk by Dr. Herold C. Hunt at Workshop for Principals," March 27, 1951.
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   - Chicago Board of Education Archive. Capital Improvement Program. New Facilities 1924 – 1967 File, Folder 8. Department of School Planning, December, 1966.
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2. Chicago History Museum:
   - Chicago History Museum Collections, Prints and Photography Collection On-line Digital Collection: Photograph, Children Outside Crispus Attucks School in Winter, 3813 S. Dearborn Street, Clarence W. Hines, Photographer. Image ICHi-39932, http://digitalcollection.chicagohistory.org/digital/collection/p16029coll5/id/1322

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4. Public Building Commission of Chicago: Information concerning the 1994 renovations, obtained from the Public Building Commission of Chicago pursuant to a FOIA Request, including the following:
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   - Contractor's Sworn Statement and Affidavit for Final Payment, Public Building Commission.
   - Correspondence, including Callanan, John A., Managing Architect, Public Building Commission of Chicago, to the Members of the Public Building Commission of Chicago, Board of Commissioners, January 11, 1994.

5. Ryerson and Burnham Libraries, The Art Institute of Chicago:
   - Fugard, Burt, Wilkinson & Orth: Photographs of drawings of La Salle School, Joseph Medill Elementary School, Archival Image Collection, Boxes 2.5, 2.6.

   - Fugard & Knapp: Mayfair Regent Hotel, Moody Memorial Church, Mutual Insurance Building, South Water Market, Archival Image Collection, OP 2.1, Series I, Box. FF 6.29.

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   - Architects' and Designers' Papers, 1767 – 2003.

   - Perkins, Wheeler & Will, Archival Image Collection, Crow Island Elementary School, Boxes 60, 90; MP Drawer 21, Flat file 35.3; Rugen School, Box 24

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B. Architectural Drawings

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Table 1

The following information was taken from a Chicago Board of Education document labelled "Adm. Res. 53D, September, 1969 District Arrangement" located in the City of Chicago Department of Planning and Development, Historic Preservation Division, and reprinted as Table 5, Schools Built by the Chicago Board of Education, 1872 to 1970, by District, in Carl W. Condit, *Chicago, 1930 – 1970* (Chicago and London: The University of Chicago Press, 1974), 291.

Included in this table are only those schools that were built or added onto during the post-World War II period, from 1945 – 1970. Information about "portable," "mobile" and "relocatable"classrooms is included in the original document but not here.

Table 1

Name of School	Orig. Const. Date	Additions
Beard	1958	
Perkins Branch of Beard	1960	
Stock Branch of Ebinger	1955	1961
Edgebrook	1939	1954
Edison	1945	1950 - 55
Garvy	1936	1947-53
Oriole Park	1943	1948-1952
Sauganash	1936	1954
Thoreau Branch of Sauganash	1959	
Solomon	1953	1956
Wildwood	1944	1952
Andersen	1955	1961
Carpenter	1957	
Pulaski	1949	
Wicker Park Primary and Intermediate Grades	1961	
Yates Upper Grade Center	1962	
Conty	1936	1950-53
Dever	1935	1955
May	1905	1937-53-67
Spencer	1904	1927-68

Mather High	1959	
Barrelme Branch of Armstrong	1959	
Boone	1928	1952-56
Clinton	1926	1953
Decatur	1958	
Wm. Green	1954	
Jamieson	1937	1955
Kilmer	1931	1936-59
Rogers	1937	1952-55
Hanson Park Brach of Schubert	1959	
Waller High (Lincoln Park High School)	1901	1902-38-62
Jones Commercial High	1967	
Alcott	1937	1961
Arnold Upper Grade Center	1962	
Byrd	1960	
Jenner	1908	1925 – 54-58
La Salle	1961	
Manierre	1947	1952-62
Mayer	1959	
Newberry	1937	1959
Ogden	1953	
Schiller	1961	
Phillips High	1904	1937 - 45
Dunbar Vocational High	1956	
Abbott	1949	1954-61
Crispus Attucks	1957	
Donoghue	1963	
Doolittle Primary Grades	1962	
Doolittle Intermediate and Upper Grades	1881	1885-1925-45
Drake	1961	
Einstein	1960	
Mayo	1961	

Oakland	1903	1950
Pershing	1958	
Raymond	1944	1958
Williams	1952	1955
Cregler Vocational High	1915	1957
Birney	1960	
Brown	1956	1957
Dett	1963	
Dodge	1961	
Allen Branch of Gladstone	1958	1961
Grant	1925	1954-59
Herbert	1961	
Medill Primary Grades	1959	
Skinner	1954	
Sousa Branch of Skinner	1958	
Smyth	1897	1905-61
Suder	1959	
Montefiore	1960	
Dante Branch of Marshall	1948	1968
Bethune	1969	
Calhoun North	1961	
Ericson	1962	
Faraday	1964	
Hefferan	1961	
Jensen	1962	
King Elem.	1959	
Marconi	1962	
Melody	1965	
Webster	1962	
West Garfield Park Upper Grade Center	1926	1946
Frazier	1970	
Crown	1961	
Dvorak	1963	
Henson	1961	
Hughes	1960	
Mason Primary Grades	1958	

Mason Intermediate Grades	1964	
Paderewski	1964	
Kenwood High	1969	
Carnegie	1957	
Dumas	1963	
Fermi	1959	1967
Harte	1931	1941-55
Philip Murray	1954	
Roy	1894	1915-55
Reavis	1958	1962
Shoesmith	1961	
Tesla	1960	
Wadsworth Primary and Intermediate Grades	1920	1956
Wadsworth Upper Grade Center	1963	
Harlan High	1958	1960
Bennett	1928	1952
Shedd Branch of Bennett	1961	
Cook Branch	1928	1952-59
Drew	1957	
Evers	1969	
Foster Pk. Br. Of Kellogg	1937	1953
Gillespie Upper Grade Center	1961	
Gresham	1895	1913-31-68
Schmid Branch of Perry	1948	
Ryder	1913	1968
Wacker	1954	1966
Kennedy High	1965	
Michael Byrne	1936	1950-57
Dore	1957	1960
Blair Branch of Dore	1961	
Grimes	1953	
Fleming Branch of Grimes	1961	
Hale	1953	

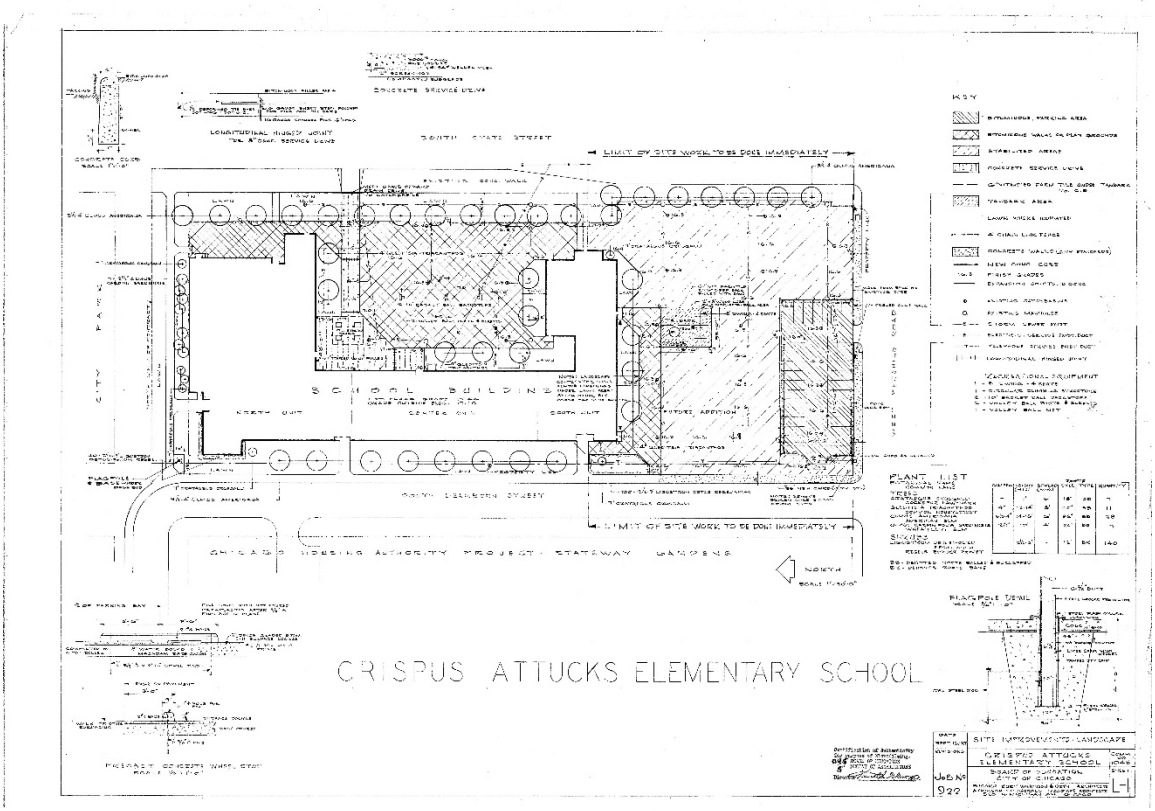
Hearst	1952	1959-63
Kinzie Primary and Intermediate Grades	1957	1960
Nelson Branch of Peck	1958	
Baum Branch of Twain	1961	
Beethoven	1962	
DuSable Upper Grade Center	1962	
Farren	1898	1937-61
Hartigan	1961	
McCorkle	1963	
Overton	1963	
Parkman	1911	1955
Terrell	1963	
Bogan High	1959	
Hubbard High	1929	1966
Altgeld	1905	1968
Carroll	1958	
Rosenwald Branch of Carroll	1955	
Dawes	1954	1958
Michelson Branch of Dawes	1961	
Hancock	1958	
Crerar Branch of Hancock	1961	
Tarkington Branch of Hurley	1960	
Lee Branch of Pasteur	1956	
Owen	1949	1953
Stevenson	1954	1958
Bowen High	1910	1940-53-69
Washington High	1957	1967
Addams	1948	
Burnham	1954	
Anthony Branch of Burnham	1957	

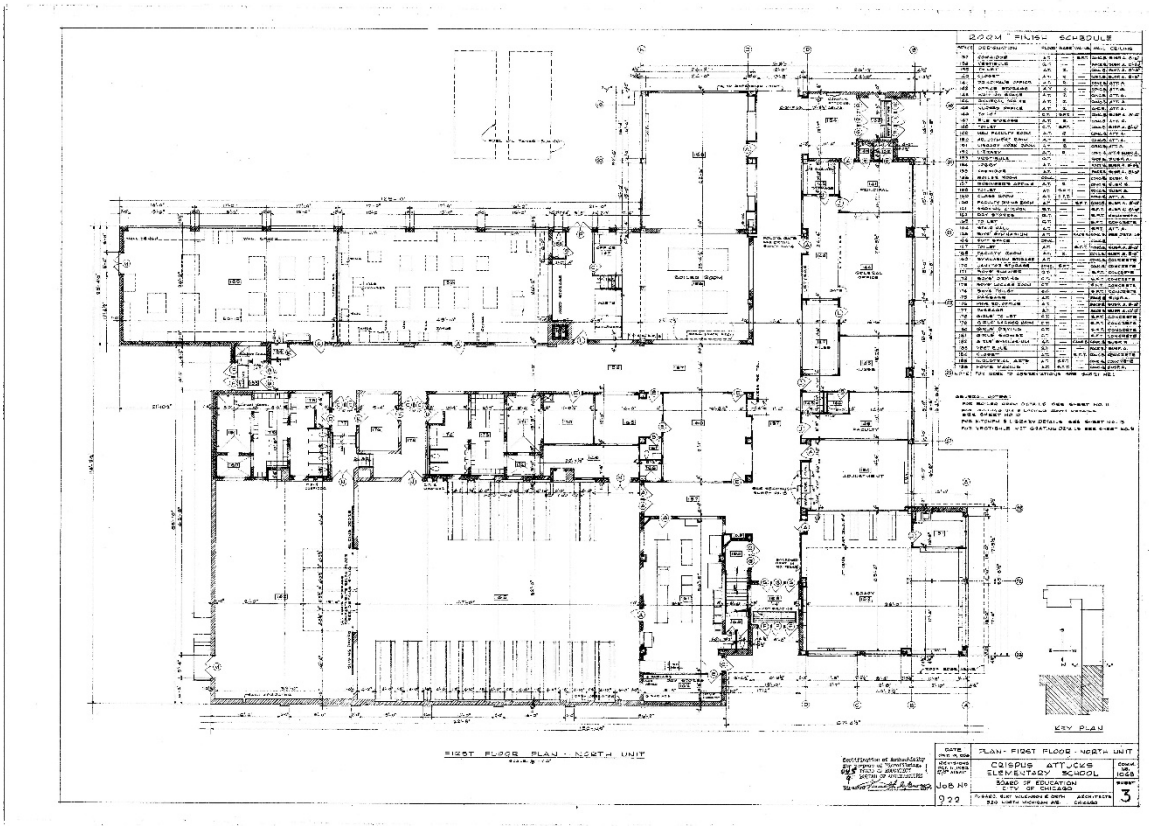
Goldsmith Branch of Burnham	1954	
Caldwell	1936	1939-62
Grissom Branch of Clay	1970	
Hoyne	1955	1959
Earhart Branch of Hoyne	1958	1960
Luella	1945	1950-53-59
Phil Sheridan	1888	1896-1925-1962
J.N. Thorp	1961	
Warren	1907	1913-1959
Buckingham Branch of Warren	1962	
Mount Greenwood	1946	1944-49
Dunne Br. Of Mt. Vernon	1954	
Nansen	1953	1958
Newton	1955	
Shoop	1926	1929-53
Vanderpool	1912	1958
Whistler	1958	1963-66
Washburne Trade (Appr.)	1909	1907-29-35-37-45-36-47
Chalmers	1959	1963
Cooper Upper Grade Center	1962	
Hess Upper Grade Center	1922	1926-37-60
Johnson	1963	
Lathrop	1963	
Banneker	1963	
Bass	1895	1939-61
Bond Upper Grade Center	1926	1953-63
Brownell	1961	
Deneen	1955	1960-63
Guggenheim	1912	1025-48-64
Harvard	1905	1927-60
Hinton	1965	
Low Upper Grade Center	1961	
Stagg	1967	

Yale Primary and Interm. Grades	1951	1959
Yale Upper Grade Center	1963	
Carver High	1950	
Morgan Park High	1914	1926-65
Aldridge	1960	1963
Bates	1961	1963
Carver Primary Grades	1945	
Carver Upper Grades	1946	
Cassell	1960	
Keller Branch of Cassell	1956	
Sheldon Br. Of Clissold	1957	
Duffy	1965	
Wiggin Branch of Duffy	1961	
Higgins	1965	
Kellogg (Foster Pk. Br. In Dist. 16)	1937	1954
South Shore High	1940	1968
Black	1948	
Black Annex at 9101 S. Euclid Ave.	1955	
Beale Primary and Intermediate Grades	1958	1960
Carter	1913	1949
Dulles	1962	
Gershwin	1965	
McCosh Primary Grades	1960	
Reed	1963	
Ross	1894	1937-61
Moseley	1959	
Orr High	1919	1966
Beidler	1881	1914-59
Cather	1963	
Delano	1913	1966
Morton Upper Grade Center	1964	
Tilton	1909	1967
Brennemann	1963	

Goudy	1937	1954
McCutcheon	1964	
Stockton	1945	1965
Stone	1928	1962
Forrestville High	1938	1942-47-57
Doniat	1935	1960
Forrestville Upper Grade Center	1892	1896-1914-28-37-57
Judd	1959	
Mollison	1962	
Oakenwald South Inter. And Upper Grade	1955	1962
Price	1964	
Shakespeare	1893	1925-53
Woodson, North	1965	
Woodson, South	1966	
Healy	1962	
Hendricks	1954	
Holmes	1960	1968
Sherman	1937	1960
Sherwood	1951	1955
Madison	1939	1962
Neil	1953	1956-62
Pirie	1962	
Revere	1903	1939-62
Ruggles	1925	1958
Sbarboro	1963	
Tanner	1963	

HISTORIC DRAWINGS


CRISPUS ATTUCKS ELEMENTARY SCHOOL
SCHOOL BUILDING
KEY
PLANT LIST
SITE IMPROVEMENTS - LANDSCAPE
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION
CITY OF CHICAGO
Job No
920


ROOM FINISH SCHEDULE
FIRST FLOOR PLAN - NORTH UNIT
KEY PLAN
PLAN - FIRST FLOOR - NORTH UNIT
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION
CITY OF CHICAGO
Job No
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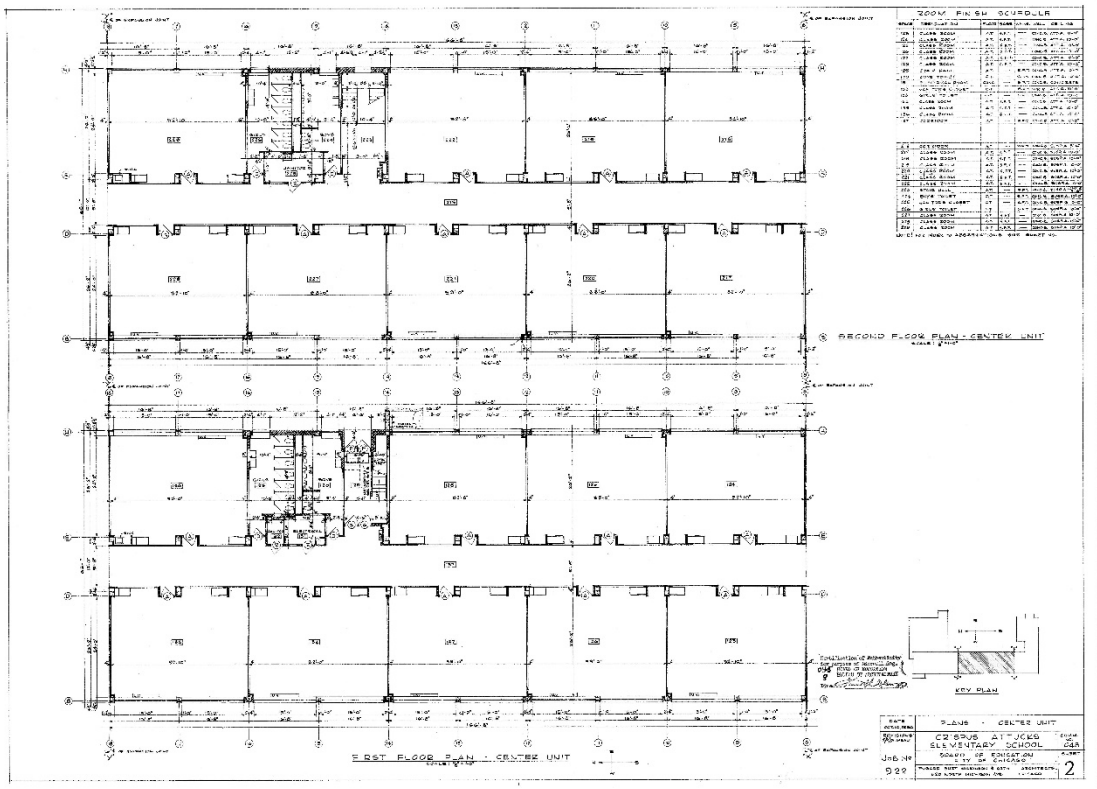
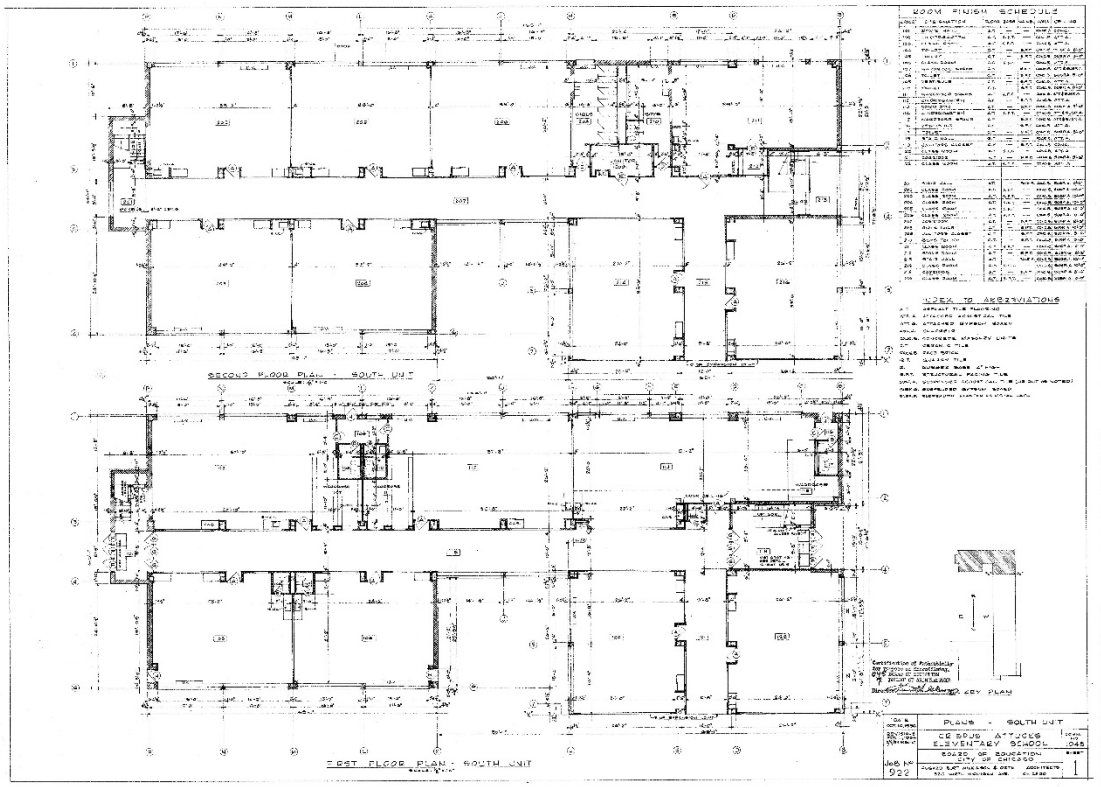
3


ROOM FINISH SCHEDULE
SECOND FLOOR PLAN - CENTER UNIT
FIRST FLOOR PLAN - CENTER UNIT
KEY PLAN
PLANS - CENTER UNIT
CP SPUS AT JCKS
ELEMENTARY SCHOOL
BOARD OF EDUCATION
CITY OF CHICAGO
Job No
922
2


ROOM FINISH SCHEDULE
LEGEND TO ABBREVIATIONS
SECOND FLOOR PLAN - SOUTH UNIT
FIRST FLOOR PLAN - SOUTH UNIT
KEY PLAN
PLANS - SOUTH UNIT
CP SPUS ATTUCKS
ELEMENTARY SCHOOL
BOARD OF EDUCATION
CITY OF CHICAGO
Job No
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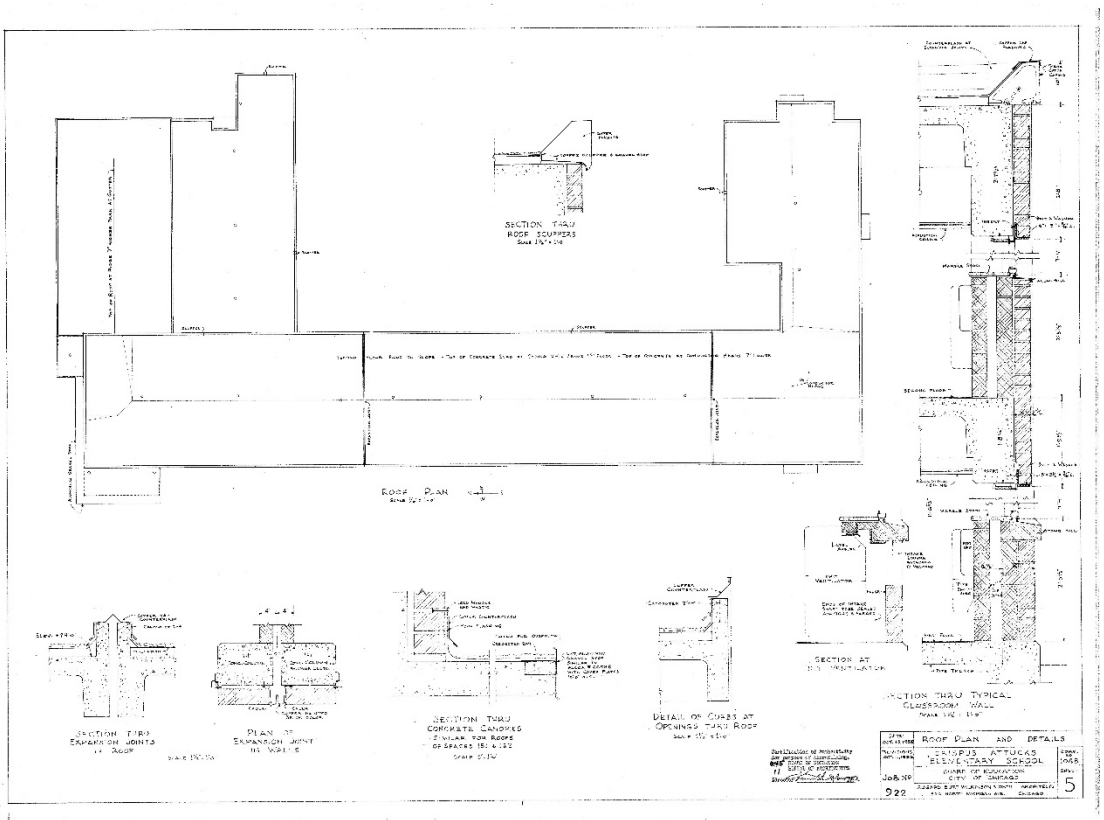
SECTION THRU ROOF SCUPPERS
ROOF PLAN
SECTION AT VENTILATOR
SECTION THRU TYPICAL CLASSROOM WALL
SECTION THRU EXPANSION JOINTS AT ROOF
PLAN AT EXPANSION JOINT IN WALLS
SECTION THRU CONCRETE CANOPIES
DETAIL OF CURBS AT OPENINGS THRU ROOF
ROOF PLANS AND DETAILS
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION CITY OF CHICAGO
922
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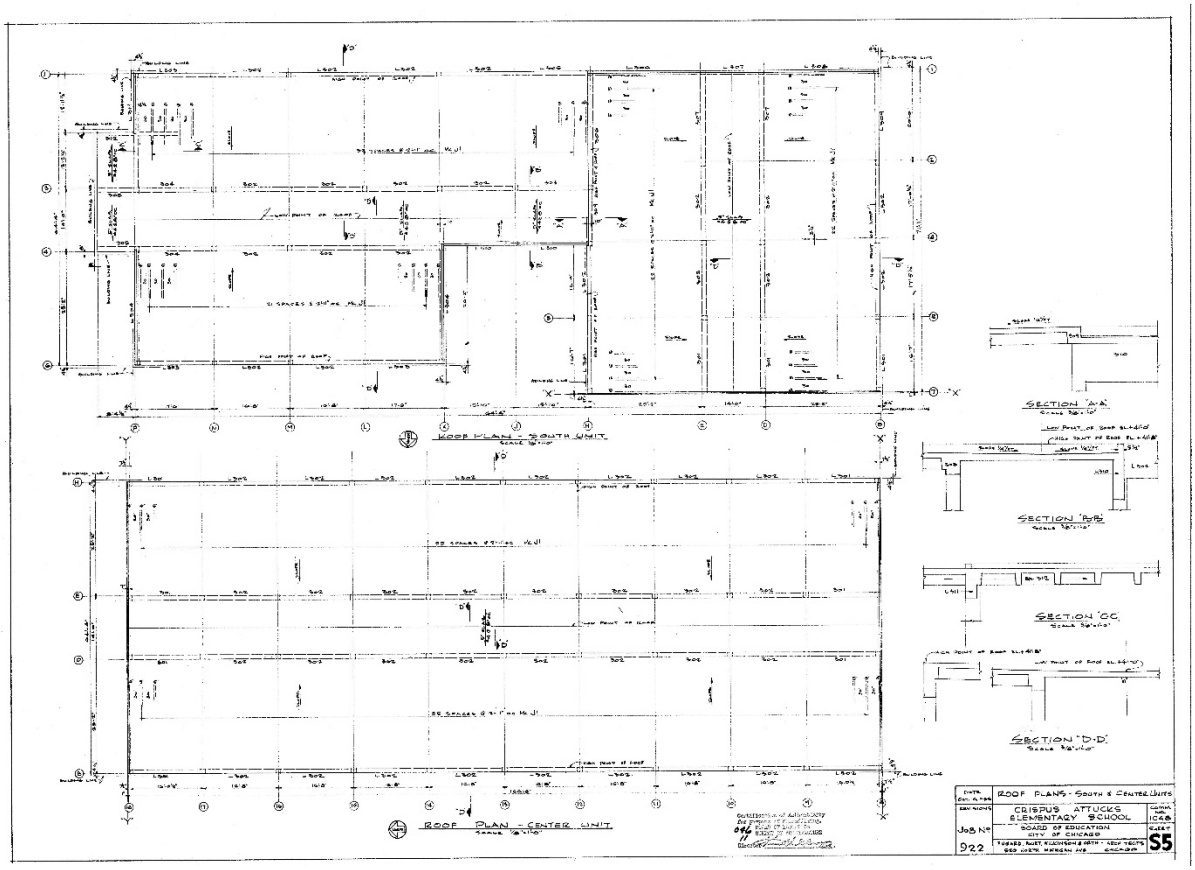
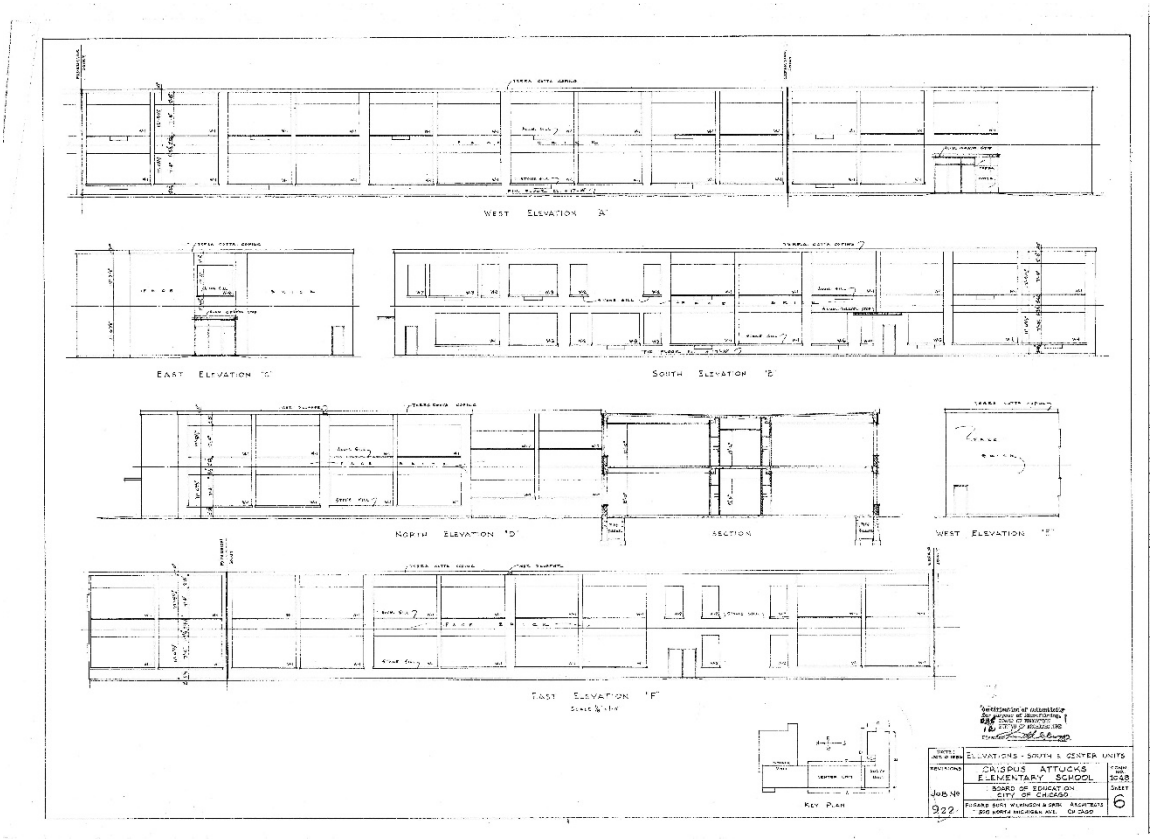

ROOF PLANS - SOUTH UNIT
ROOF PLAN - CENTER UNIT
SECTION 'A-A'
SECTION 'BB'
SECTION 'CC'
SECTION 'D-D'
ROOF PLANS - SOUTH & CENTER UNITS
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION CITY OF CHICAGO
922
S5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EAST ELEVATION "C"
SOUTH ELEVATION "B"
NORTH ELEVATION "D"
SECTION
WEST ELEVATION "F"
EAST ELEVATION "F"
KEY PLAN
ELEVATIONS - SOUTH & CENTER UNITS
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION CITY OF CHICAGO
Job No 922
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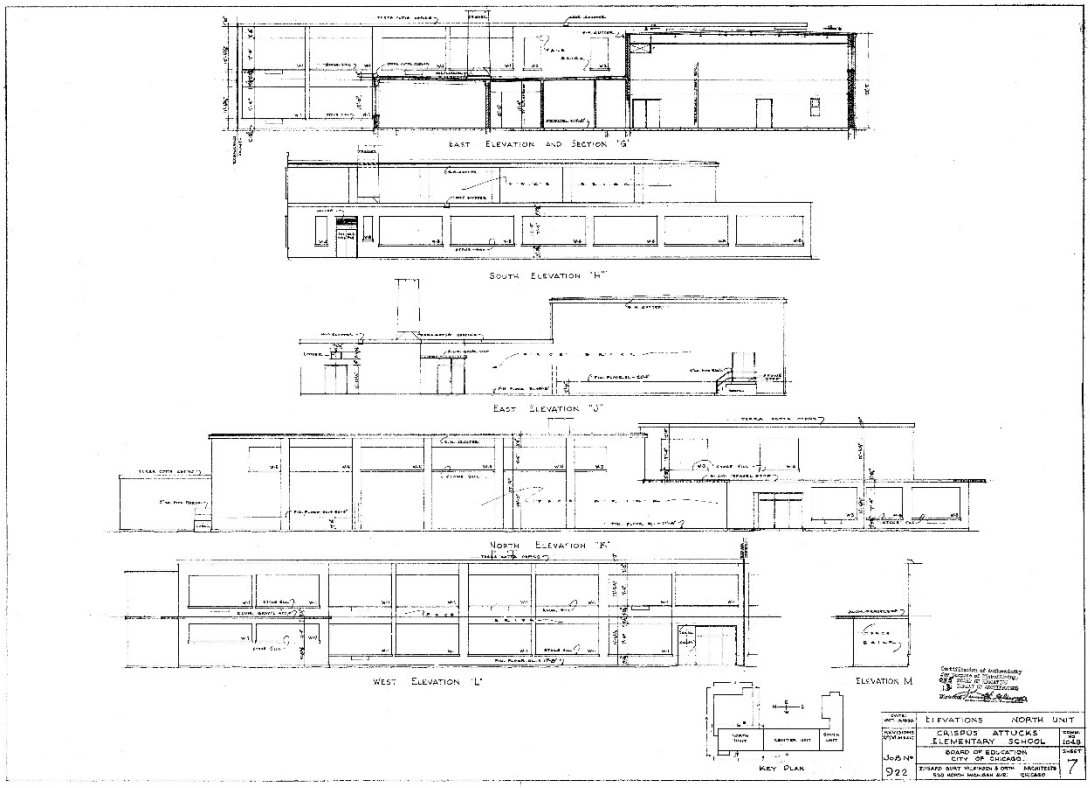
EAST ELEVATION AND SECTION "G"
SOUTH ELEVATION "H"
EAST ELEVATION "J"
NORTH ELEVATION "K"
WEST ELEVATION "L"
ELEVATION M
KEY PLAN
ELEVATIONS NORTH UNIT
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION CITY OF CHICAGO
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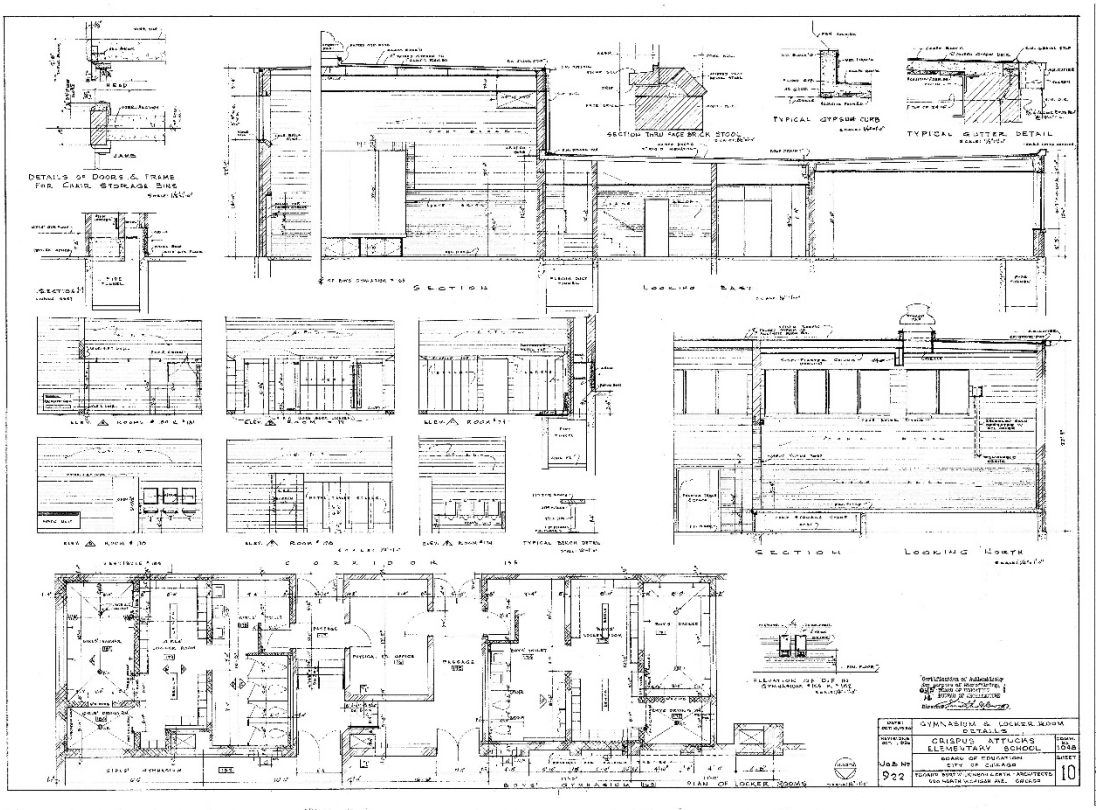
DETAILS OF DOORS & TRIMS FOR CHAIR STORAGE BINS
SECTION THRU FACE BRICK STOOL
TYPICAL GYPSUM CURB
TYPICAL SILL DETAIL
SECTION
Looking East
SECTION
Looking North
CORRIDOR
TYPICAL DOOR DETAIL
PLAN OF LOCKER ROOMS
GYMNASIUM & LOCKER ROOM DETAILS
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION CITY OF CHICAGO
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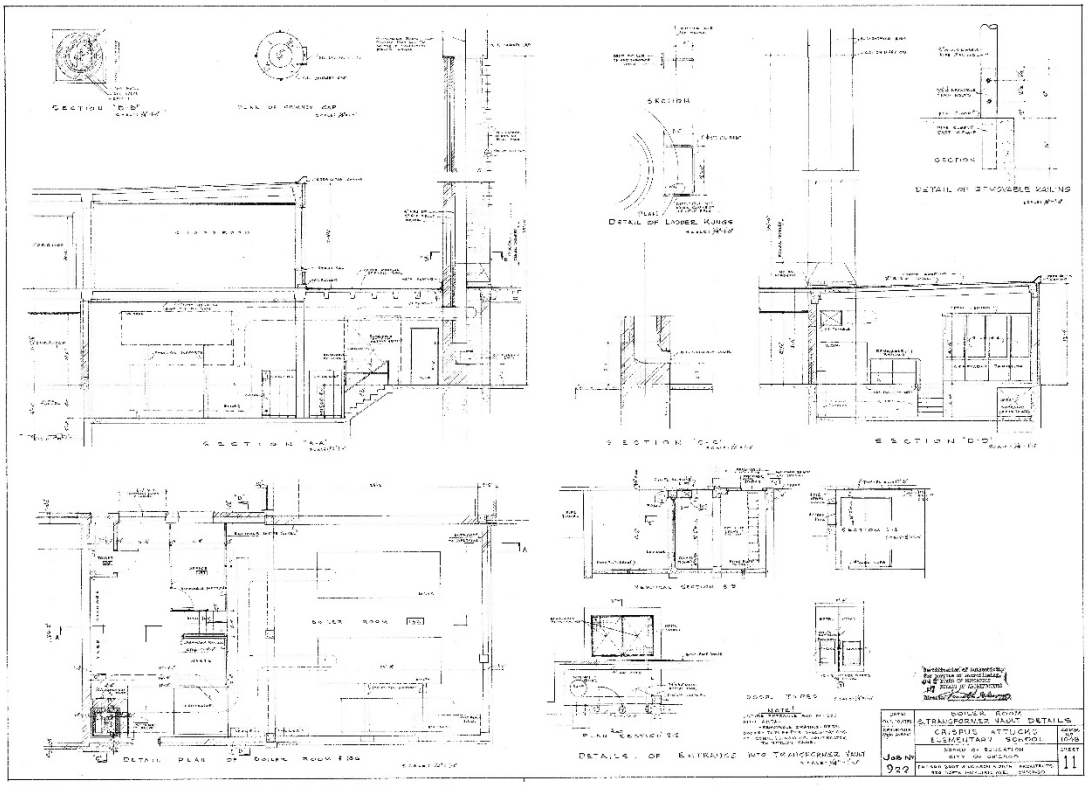
SECTION "B-B"
SECTION
DETAIL OF LOCKER RUNGS
DETAIL OF MOVABLE WALLS
SECTION "A-A"
SECTION "C-C"
SECTION "D-D"
BOILER ROOM
DETAIL PLAN OF BOILER ROOM #136
DOOR TYPES
DETAILS OF ENTRANCE INTO TRANSFORMER VAULT
BOILER ROOM & TRANSFORMER VAULT DETAILS
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION CITY OF CHICAGO
Job No 922
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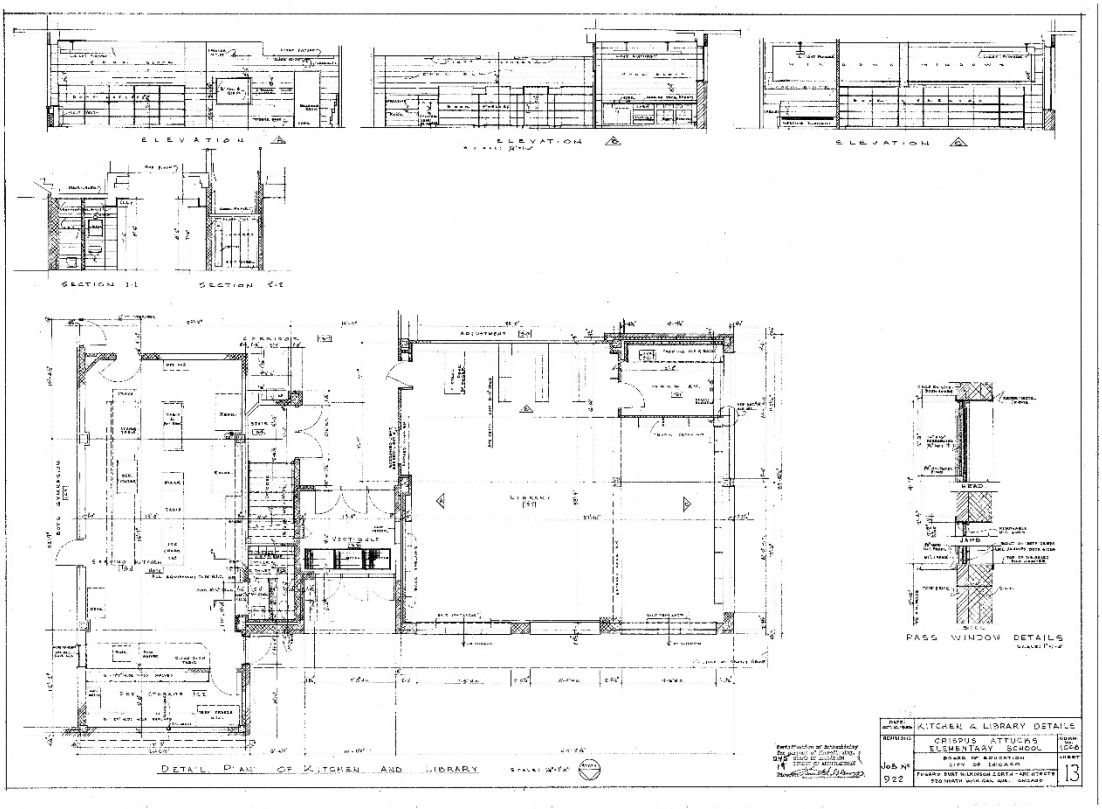
ELEVATION
ELEVATION
ELEVATION
SECTION 1-1
SECTION 2-2
DETAIL PLAN OF KITCHEN AND LIBRARY
PASS WINDOW DETAILS
KITCHEN & LIBRARY DETAILS
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION
CITY OF CHICAGO
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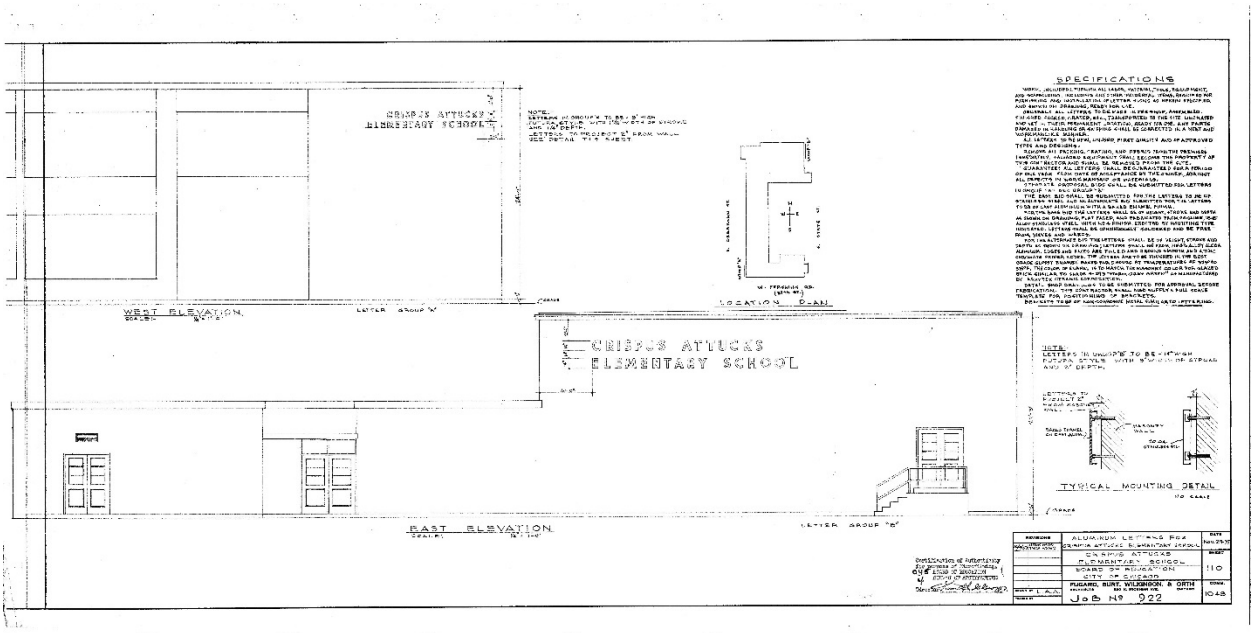
CRISPUS ATTUCKS ELEMENTARY SCHOOL
WEST ELEVATION
LOCATION PLAN
CRISPUS ATTUCKS ELEMENTARY SCHOOL
EAST ELEVATION
SPECIFICATIONS
TYPICAL MOUNTING DETAIL
ALUMINUM LETTERS FOR CRISPUS ATTUCKS ELEMENTARY SCHOOL
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION
CITY OF CHICAGO
PUGARD, BURT, WILKINSON, & ORTH
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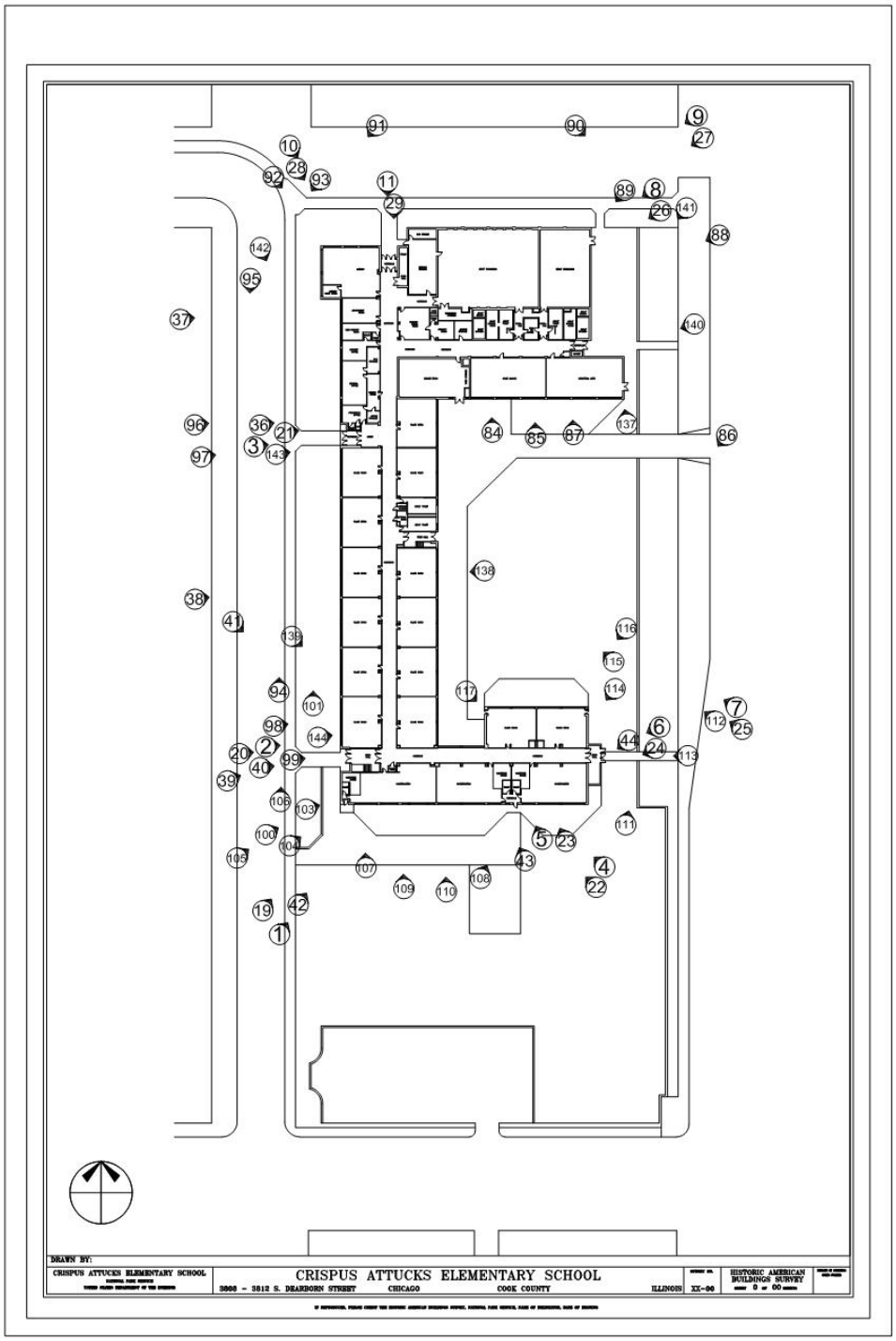
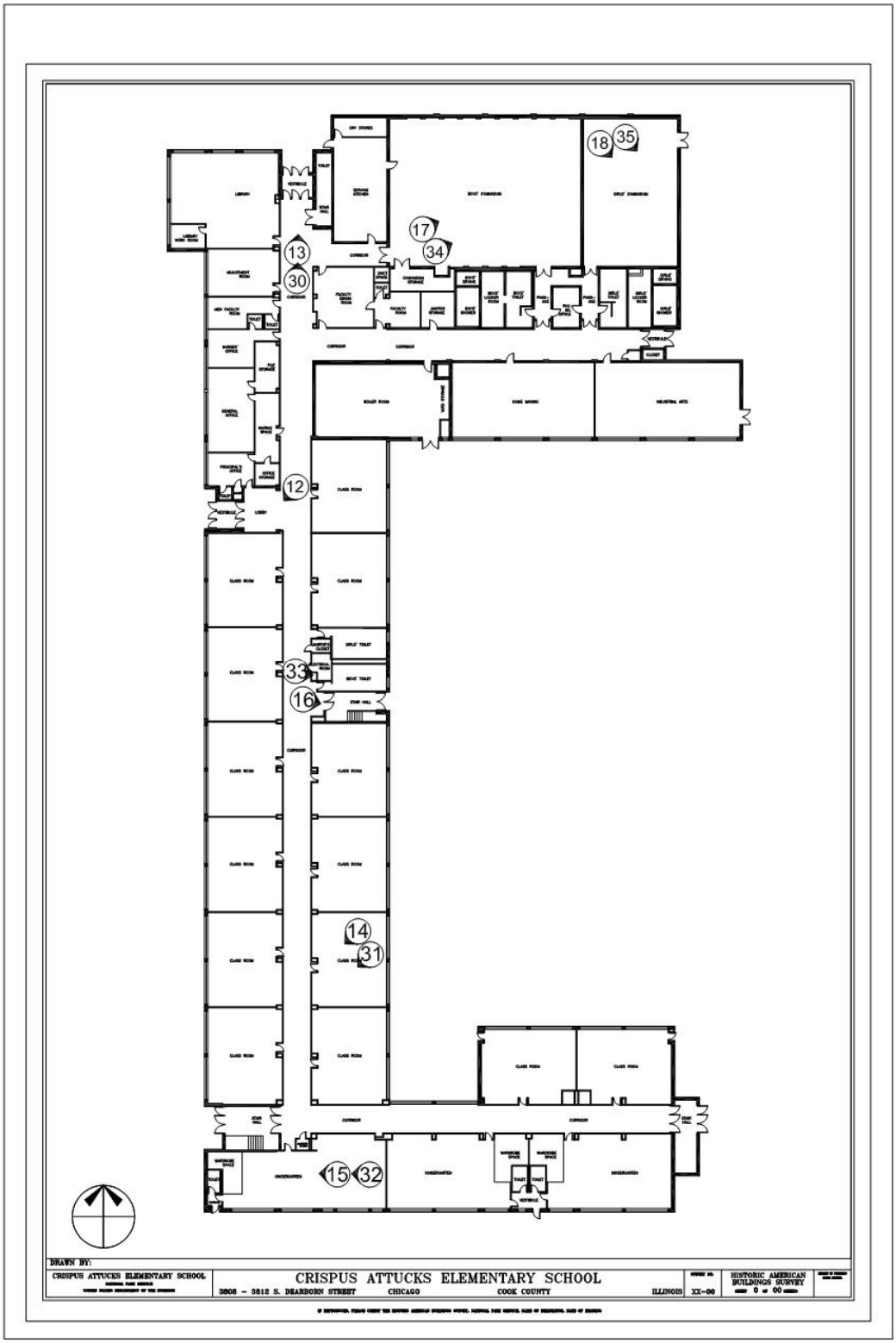
110

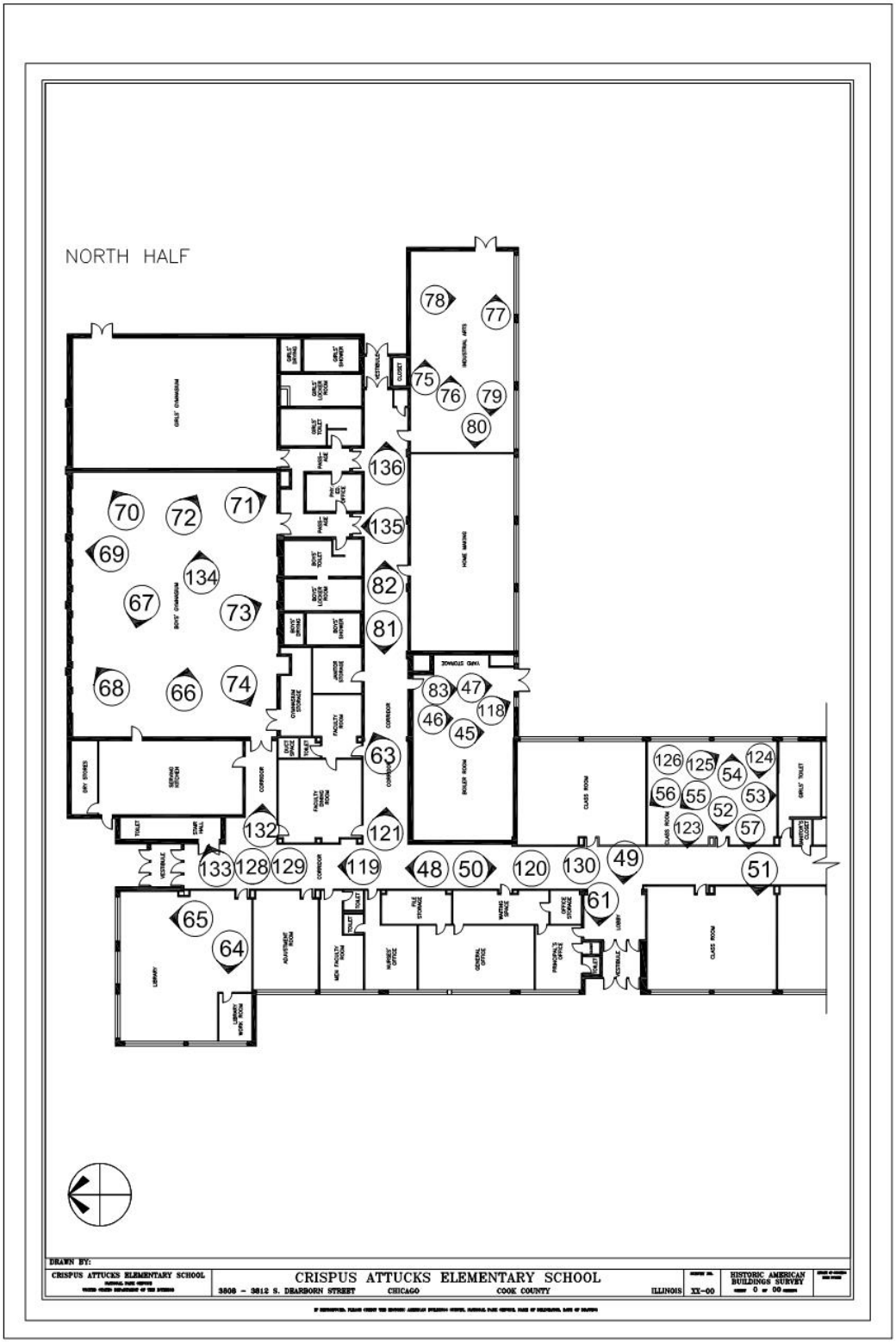
KEY PLAN



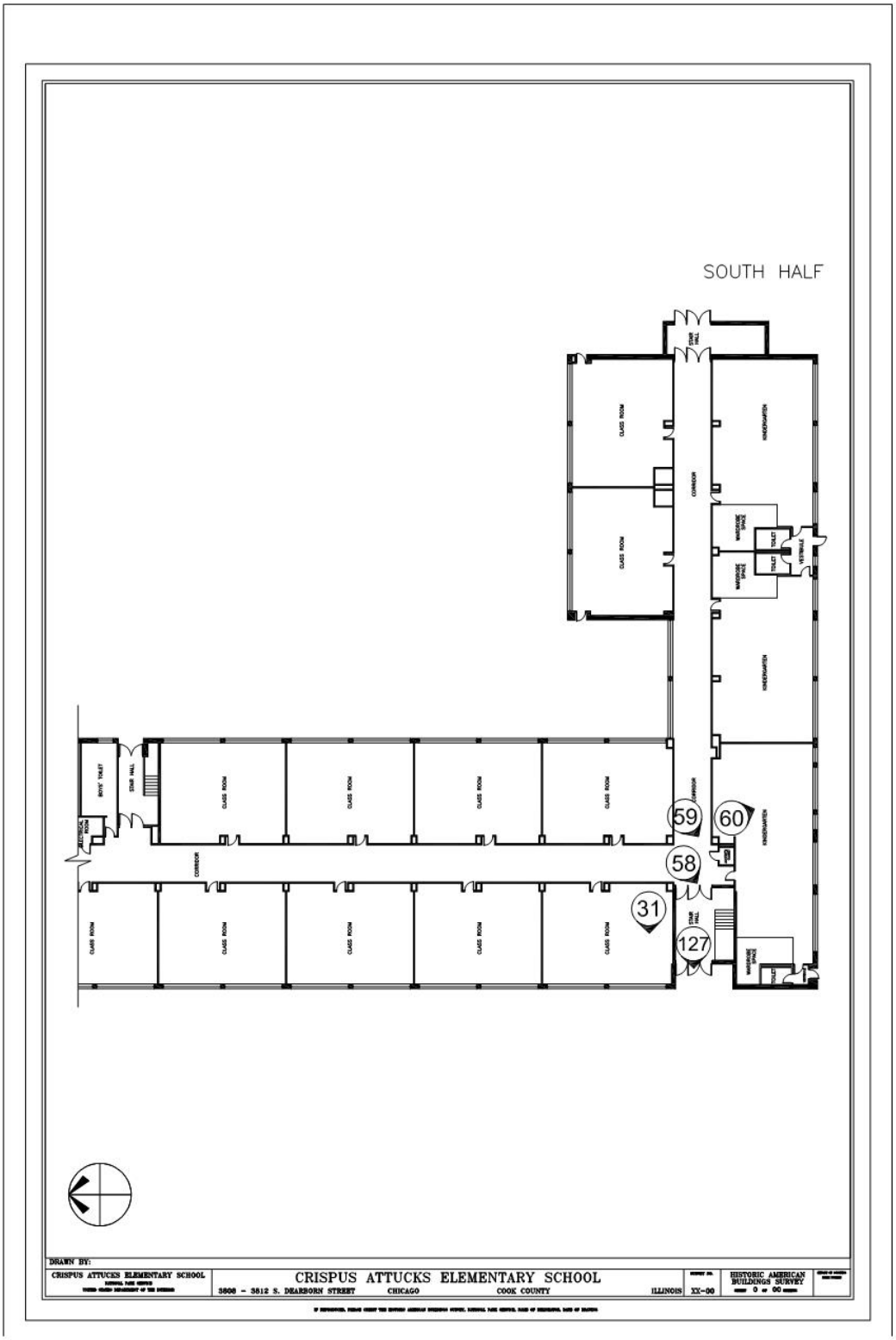
SITE PLAN


DRAWN BY:
CRISPUS ATTUCKS ELEMENTARY SCHOOL
CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 – 3812 S. DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS
XX-00
HISTORIC AMERICAN BUILDINGS SURVEY

FLOOR PLAN



NORTH SIDE FLOOR PLAN



SOUTH SIDE FLOOR PLAN

BLACK AND WHITE PHOTOGRAPHS 4x5

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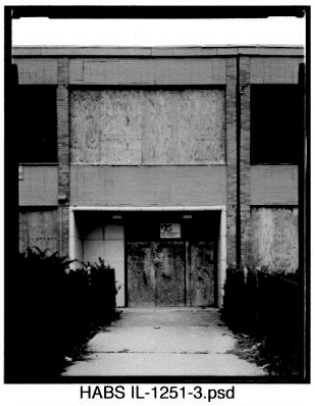

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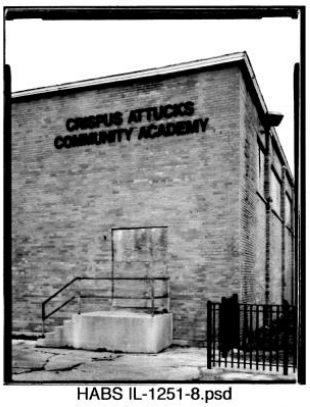

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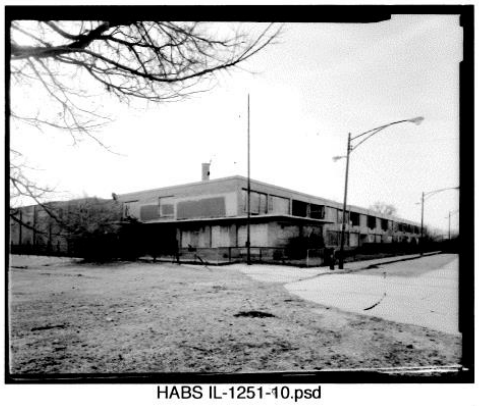

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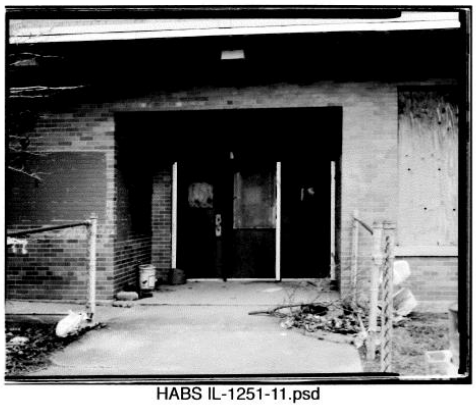

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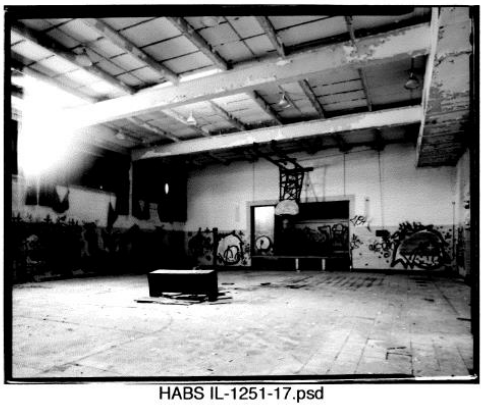

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HABS IL-1251-18.psd

HISTORIC AMERICAN BUILDINGS SURVEY
SEE INDEX TO PHOTOGRAPHS FOR CAPTION
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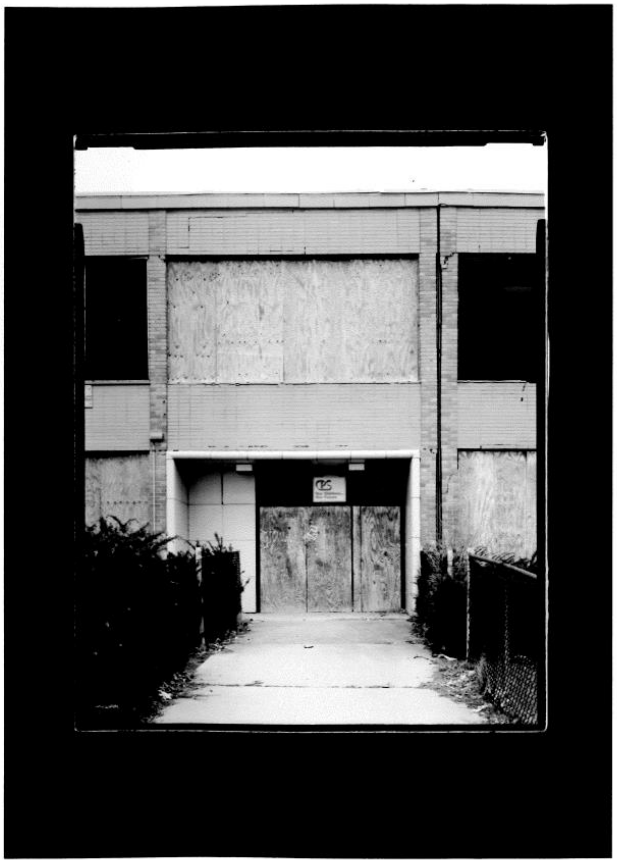
HABS IL-1251-3



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HISTORIC AMERICAN BUILDINGS SURVEY
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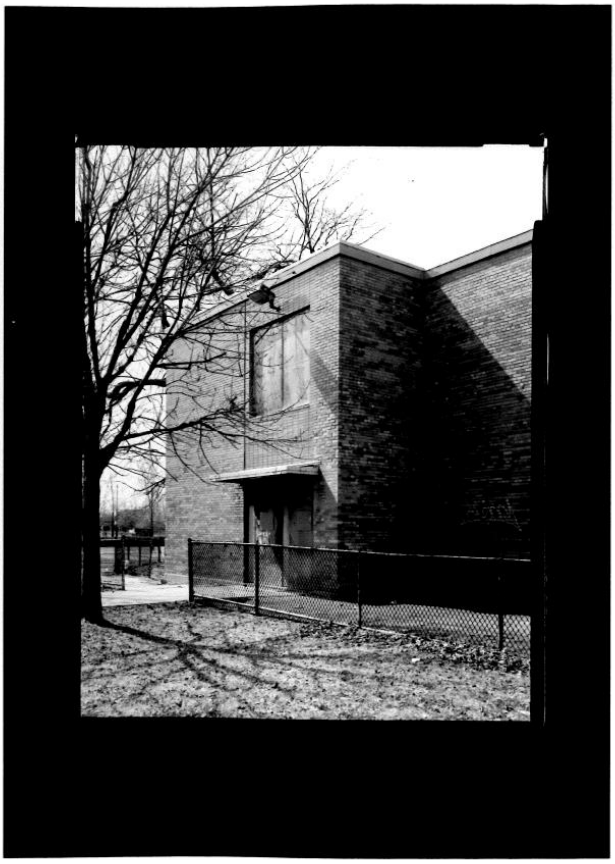
HABS IL-1251-6



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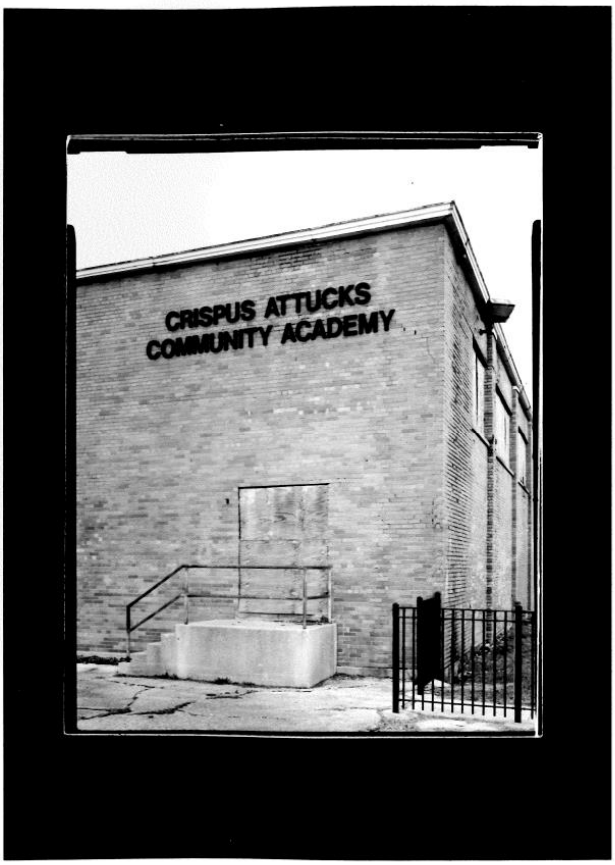

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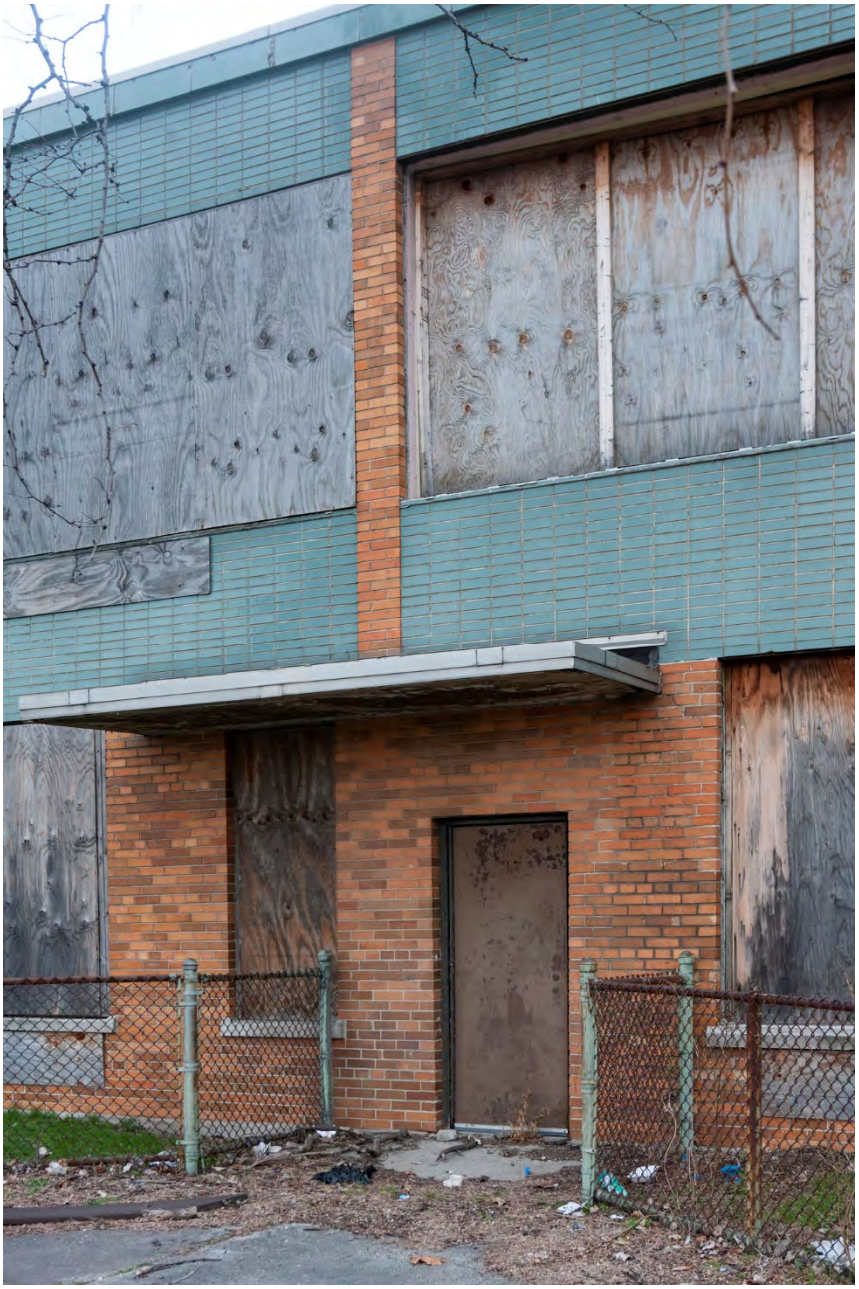

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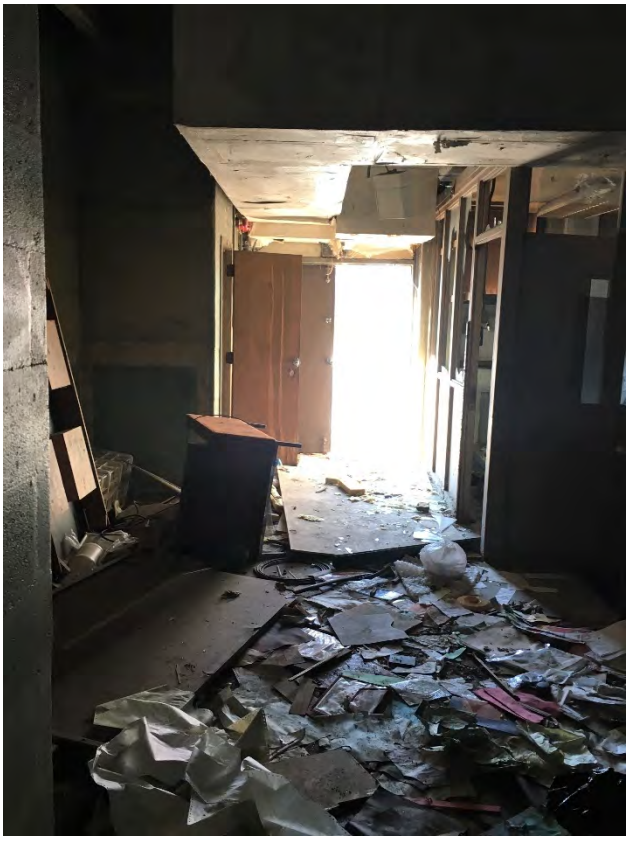

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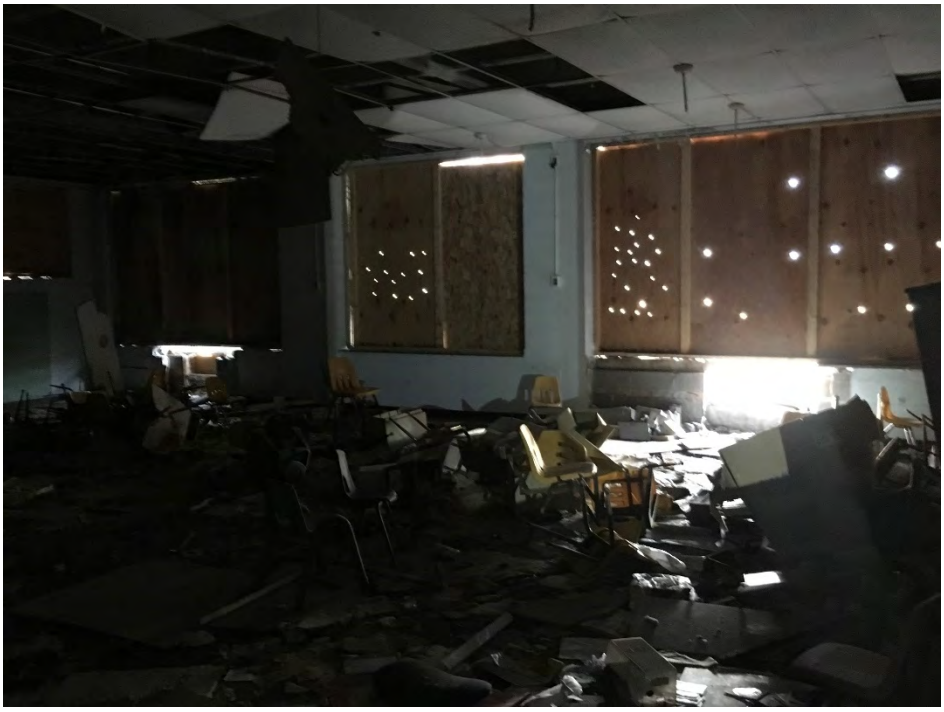

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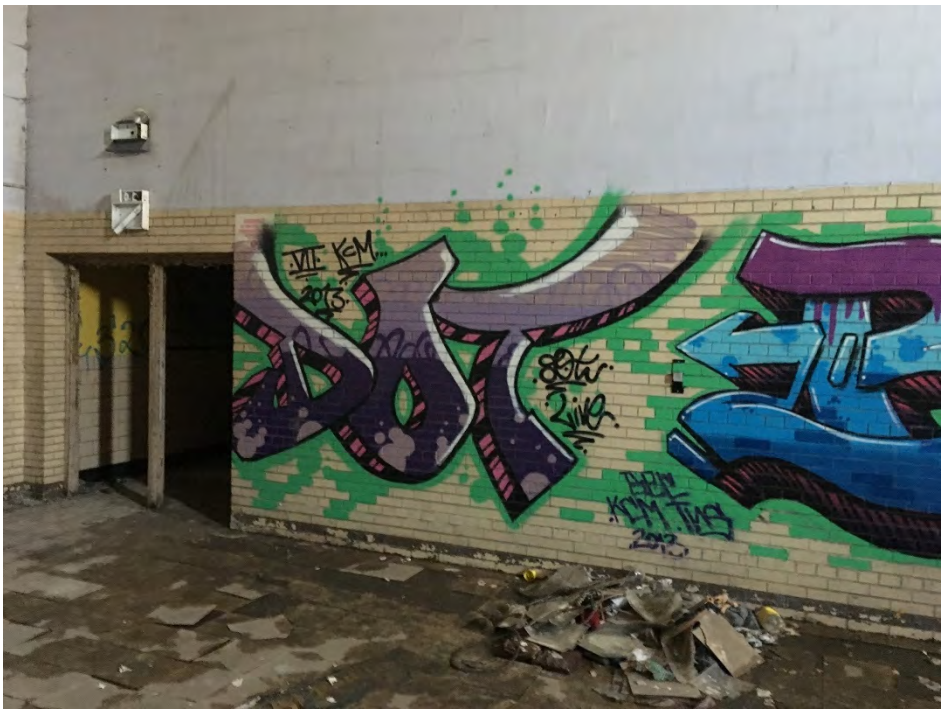

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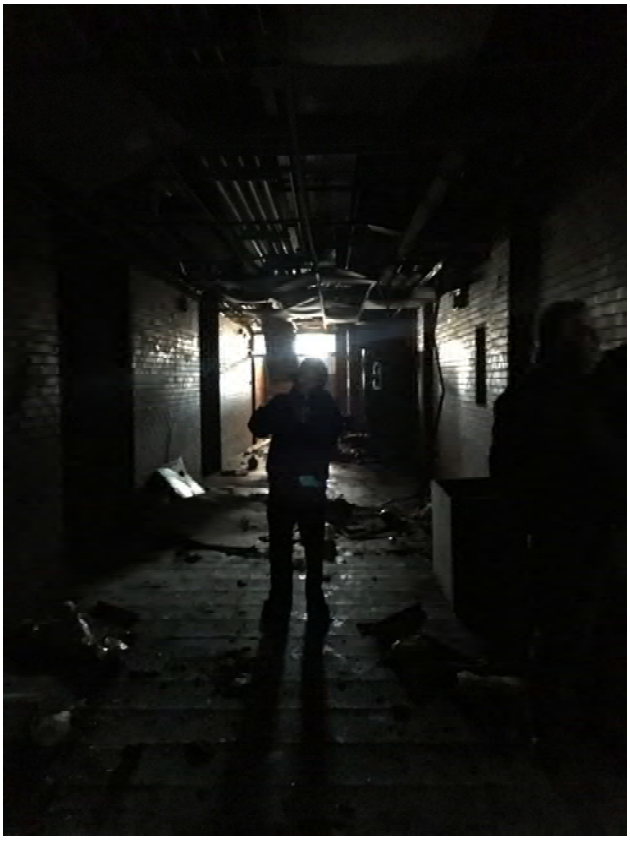

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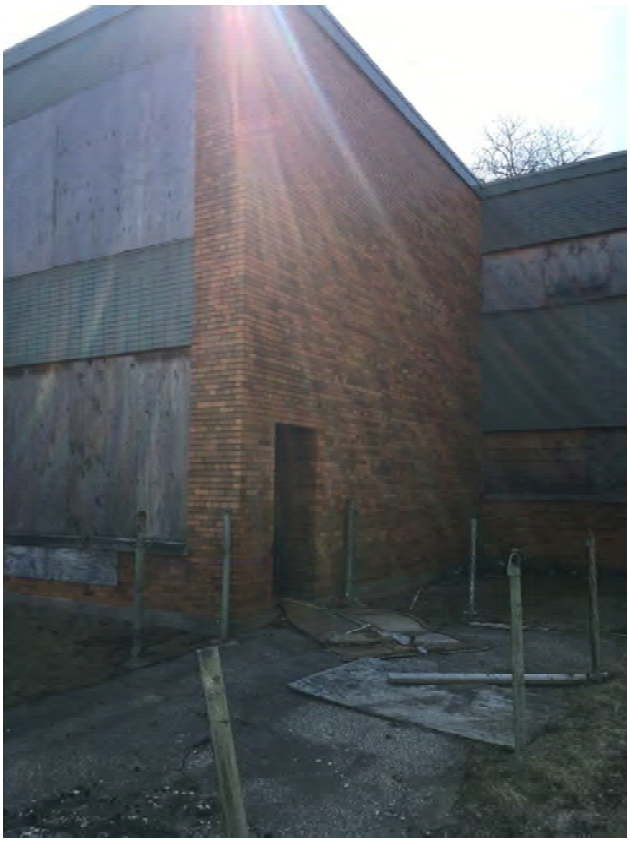

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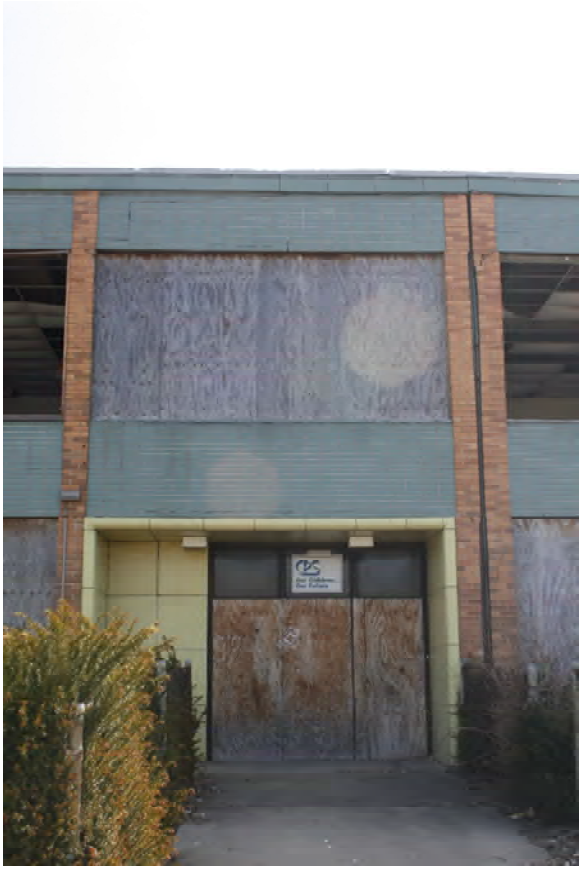

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HISTORIC AMERICAN BUILDING SURVEY
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CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 S. Dearborn Street
Chicago
Cook County
Illinois
HABS IL-1251

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E. Supplemental Material

1. Elevations and Floor Plans

CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808-3812 S Dearborn Street, Chicago, Cook County, IL 60609

STATEMENT OF SIGNIFICANCE

THE CRISPUS ATTUCKS ELEMENTARY SCHOOL, NAMED FOR THE AFRICAN AMERICAN REVOLUTIONARY WAR HERO CRISPUS ATTUCKS, IS LOCATED AT 3808-12 S. DEARBORN STREET IN CHICAGO. DESIGNED IN 1957 DURING A PERIOD OF SIGNIFICANT EXPANSION OF CHICAGO PUBLIC SCHOOLS ELEMENTARY SCHOOLS DUE TO THE POST-WORLD WAR II "BABY BOOM" AND THE GREAT MIGRATION POPULATION EXPLOSION, THE SCHOOL WAS BUILT TO ACCOMMODATE THE STATEWAY GARDENS PUBLIC HOUSING PROJECT. AS INFLUENCED BY PROGRESSIVE IDEALS THAT ARE REPRESENTED IN BOTH PLAN AND PROGRAM, THE SCHOOL S ARCHITECTS EMBRACED THESE MODERN DESIGN THEORIES TO CONNECT THE SCHOOL WITH THE SURROUNDING COMMUNITY.

PROJECT INFORMATION:
THIS IL HAER RECORDATION PROJECT WAS UNDERTAKEN TO FULFILL STIPULATION X OF THE MEMORANDUM OF AGREEMENT BETWEEN THE CITY OF CHICAGO DEPARTMENT OF FLEET AND FACILITY MANAGEMENT, THE CHICAGO HOUSING AUTHORITY, AND THE ILLINOIS STATE HISTORIC PRESERVATION OFFICER REGARDING THE DEMOLITION AND NEW CONSTRUCTION OF A MIXED-USE DEVELOPMENT AT 3808-3812 SOUTH DEARBORN STREET IN CHICAGO, ILLINOIS. THE SUBJECT MEMORANDUM WAS EXECUTED TO ENSURE COMPLIANCE BY ALL PARTICIPATING PARTIES WITH THE ILLINOIS STATE AGENCY HISTORIC RESOURCES PRESERVATION ACT (20 ILCS 3420).

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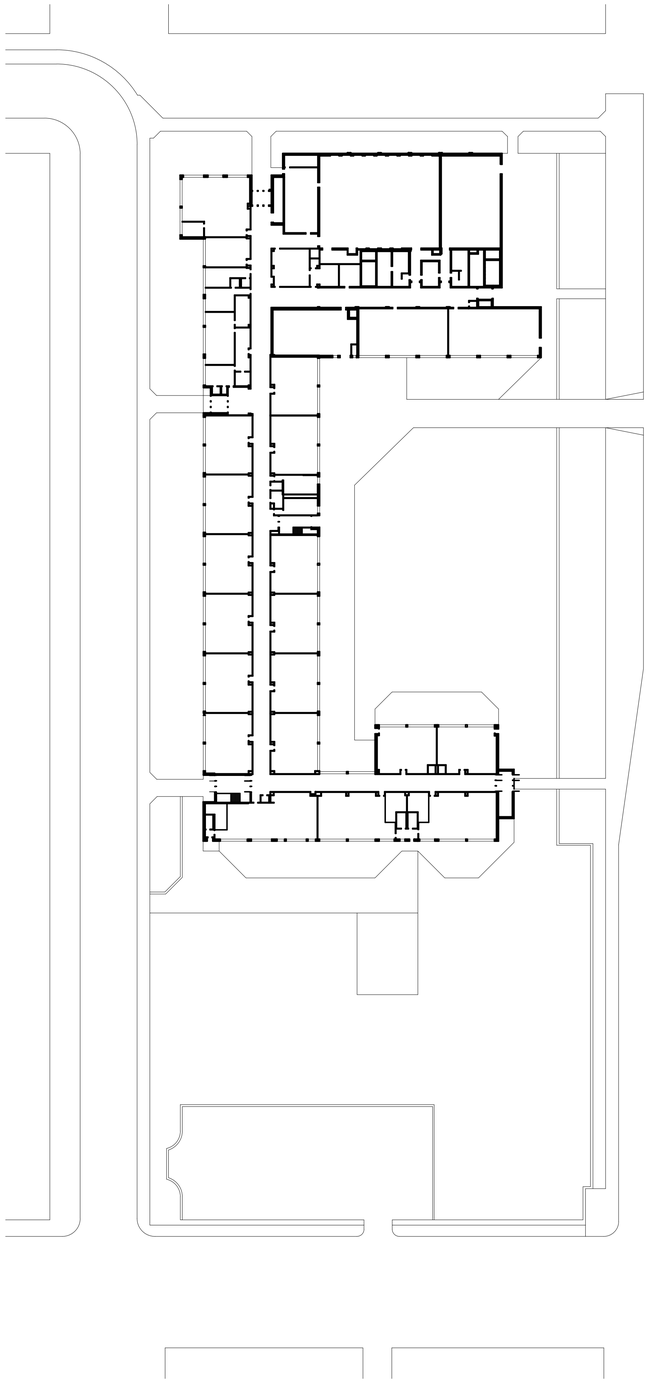
NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

HABS IL-1251

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 1 OF 20 SHEETS



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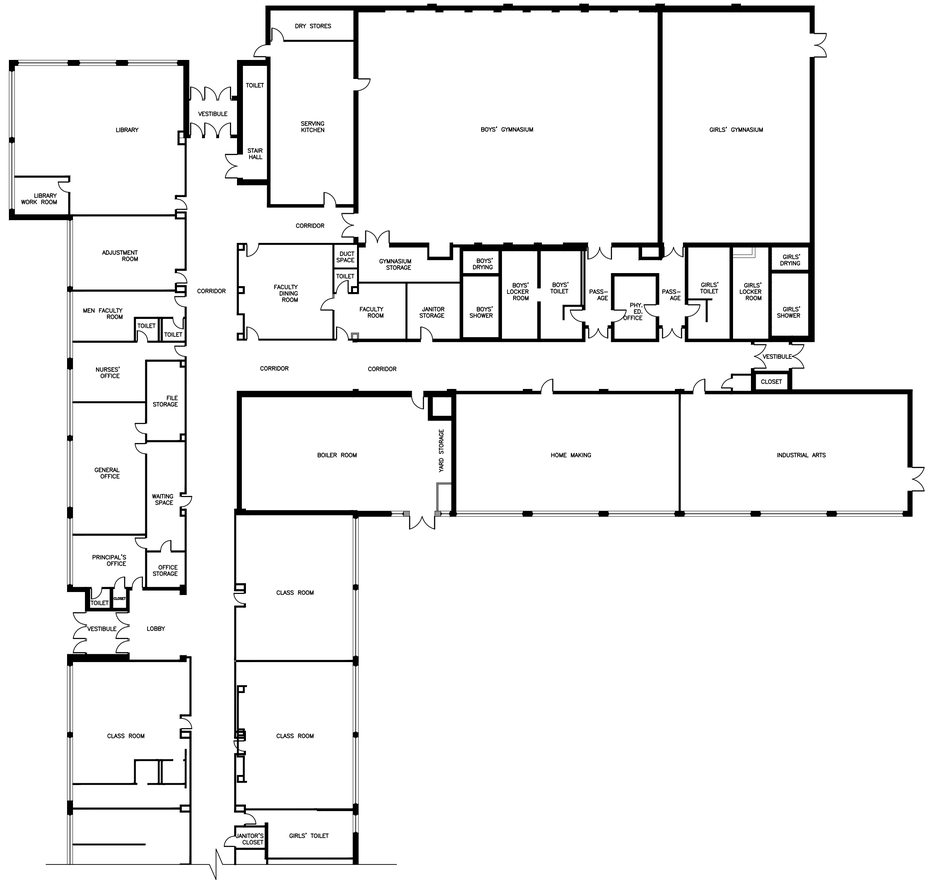

2 ENLARGED FLOOR PLAN (NORTH)
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U. S. DEPARTMENT OF THE INTERIOR

CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

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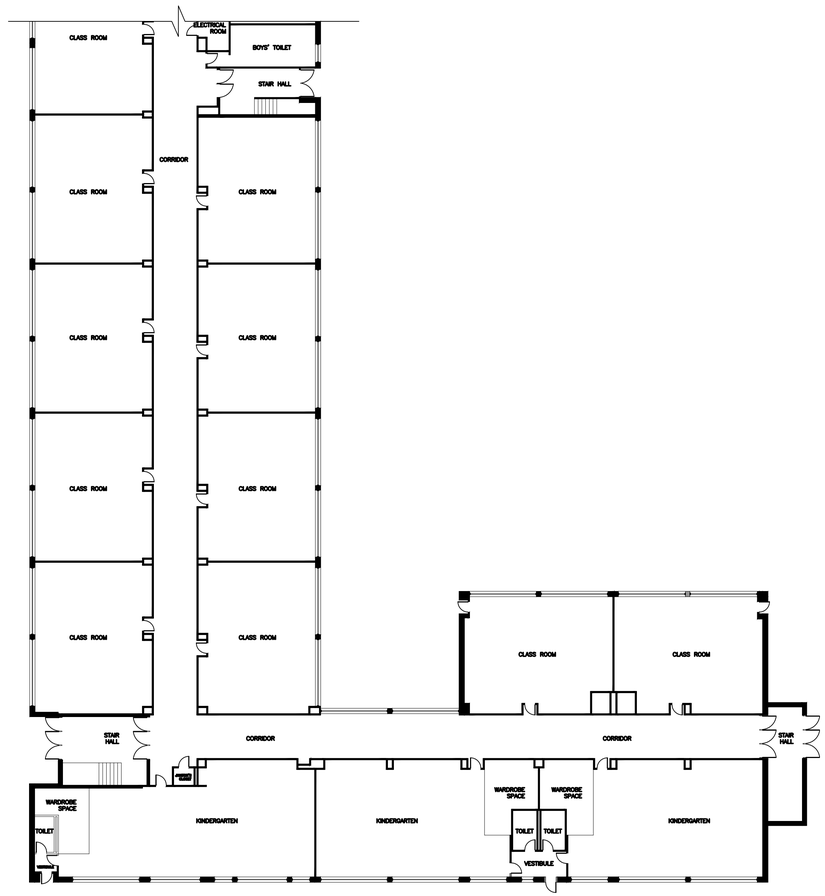

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CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

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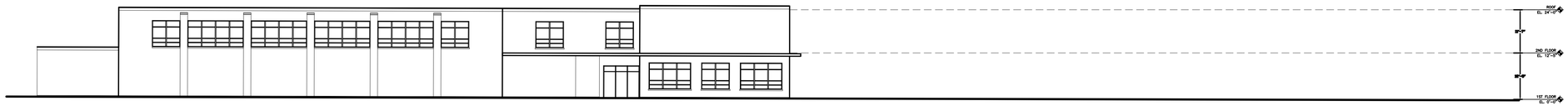

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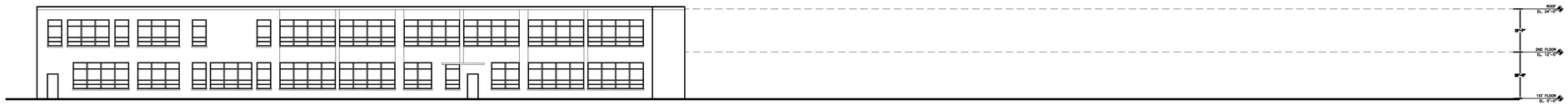

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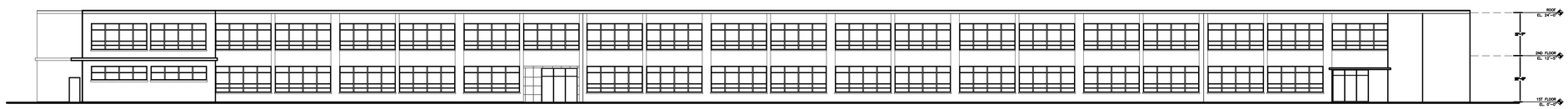

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CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

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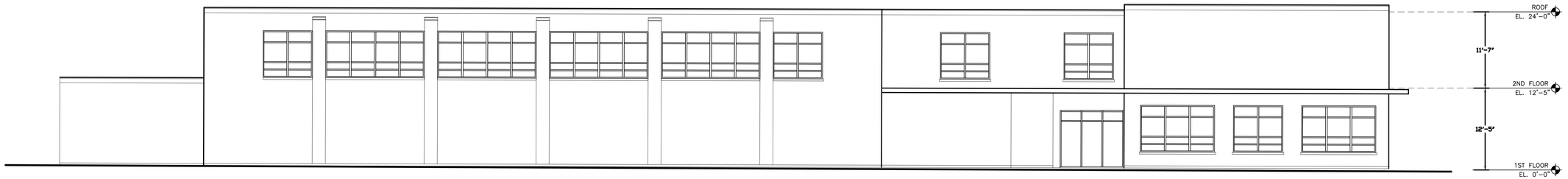

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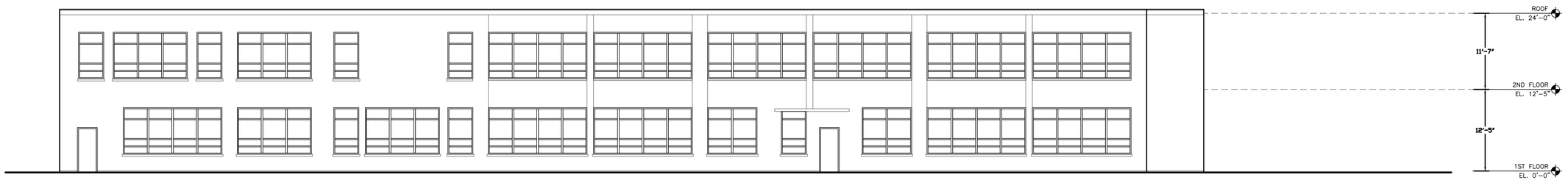

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CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

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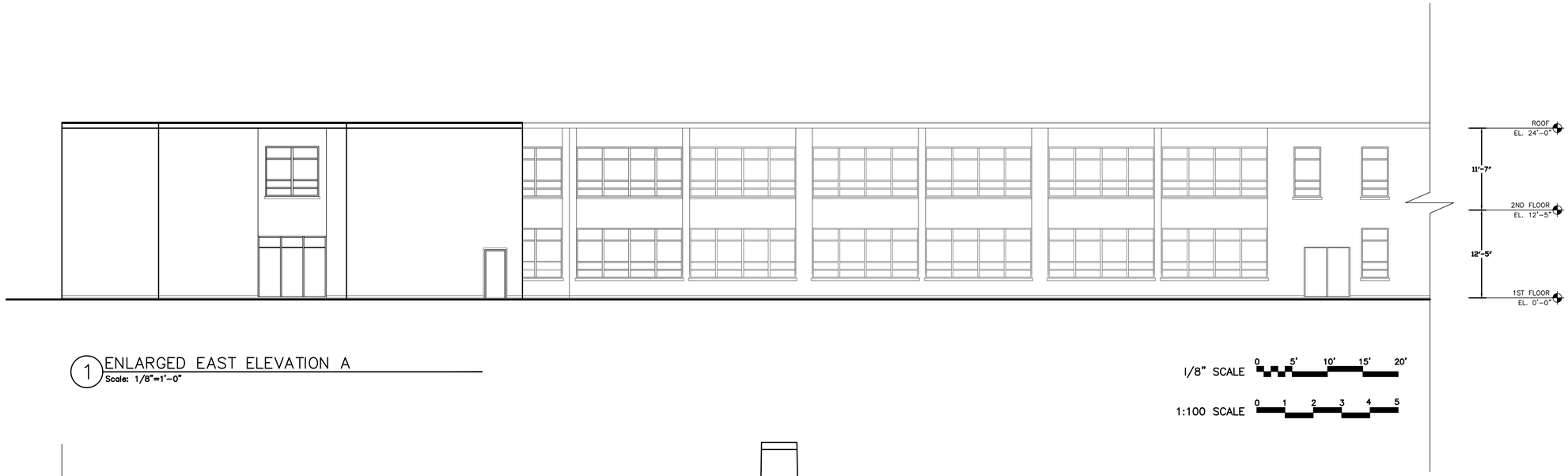

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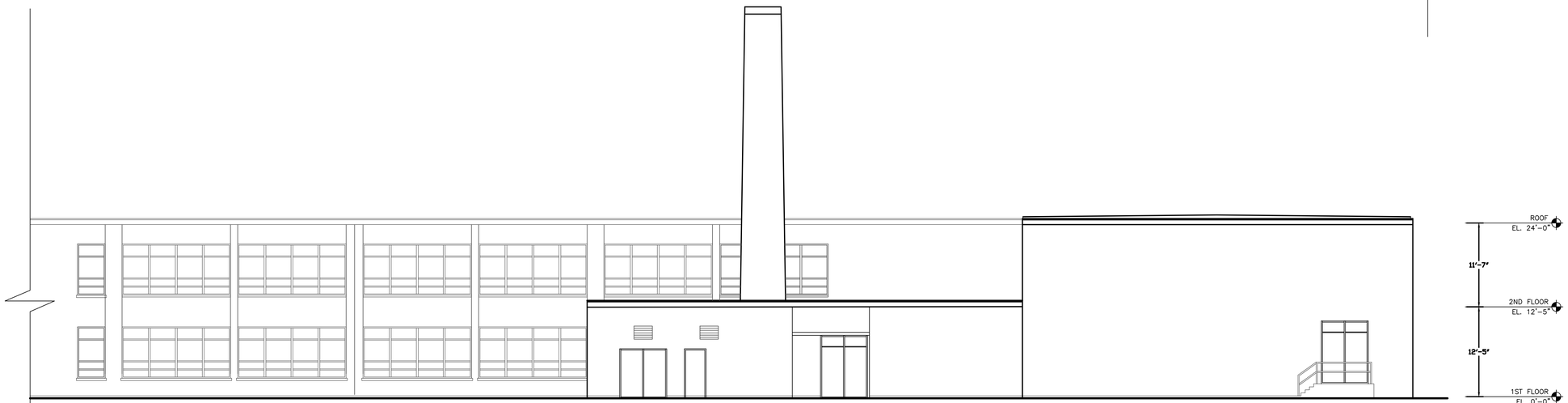

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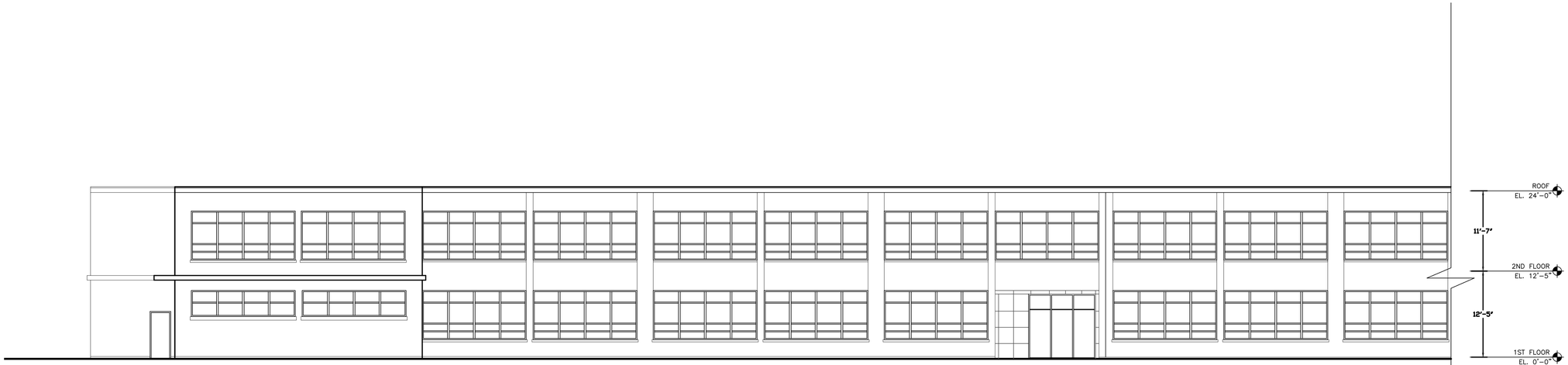

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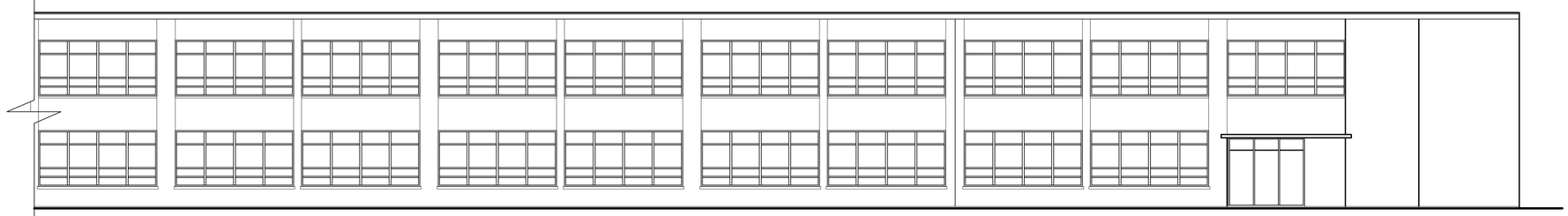

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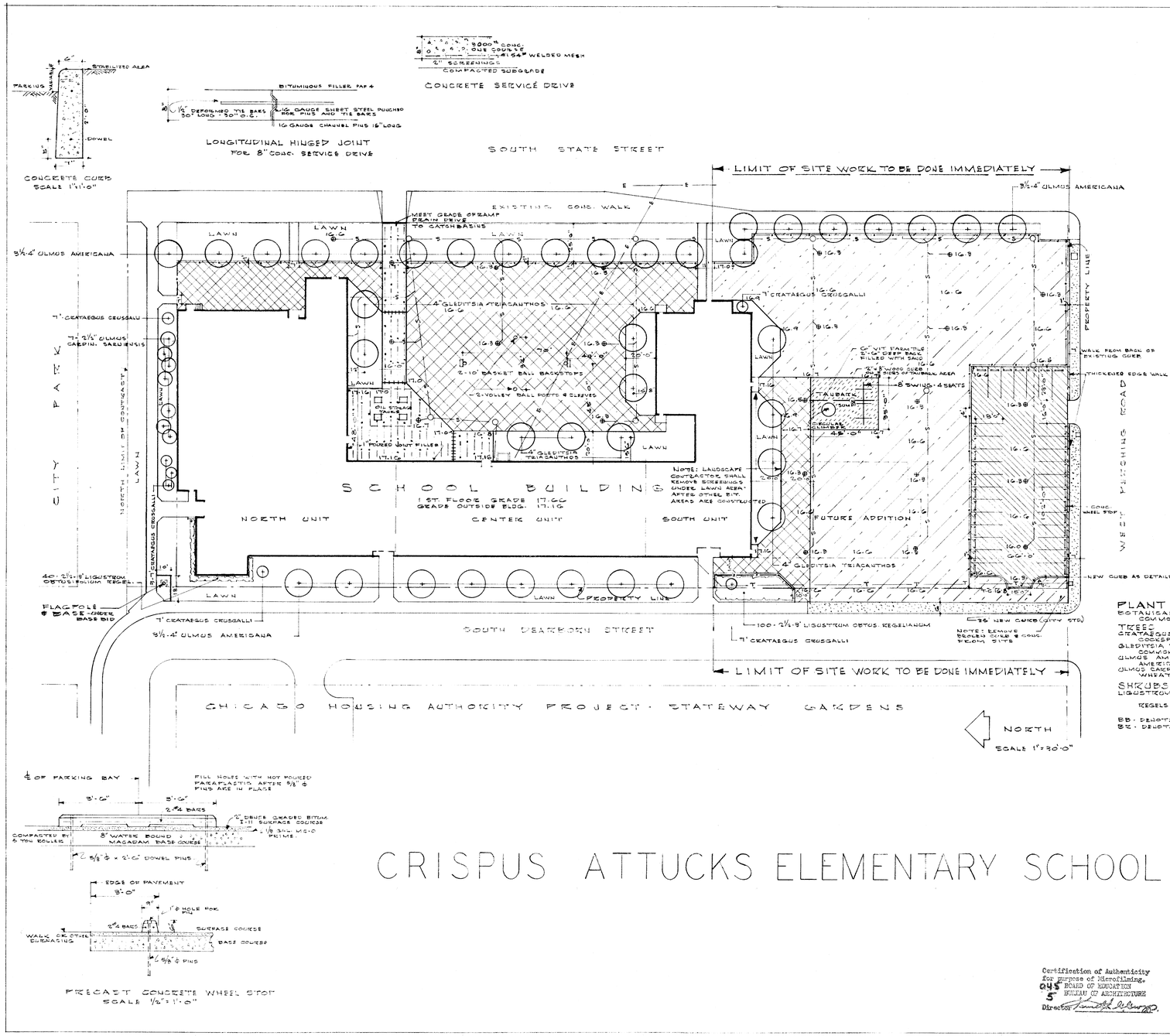


CONCRETE CURB
SCALE 1"=1'-0"

LONGITUDINAL HINGED JOINT
FOR 8" CONC. SERVICE DRIVE

CONCRETE SERVICE DRIVE

KEY

- BITUMINOUS PARKING AREA
- BITUMINOUS WALKS OR PLAY GROUNDS
- STABILIZED AREAS
- CONCRETE SERVICE DRIVE
- 6" VITRIFIED FARM TILE UNDER TANBARK TO C.B.
- TANBARK AREA
- LAWN WHERE INDICATED
- 4' CHAIN LINK FENCE
- CONCRETE WALLS (CITY STANDARDS)
- NEW CONC. CURB
- 16.8 FINISH GRADES
- EXPANSION JOINTS, IN CONC.
- E EXISTING CATCHBASINS
- O EXISTING MANHOLES
- S STORM SEWER - EXIST.
- E ELECTRIC SERVICE - EXIST. DUCT
- T TELEPHONE SERVICE - EXIST. DUCT
- LONGITUDINAL HINGED JOINT

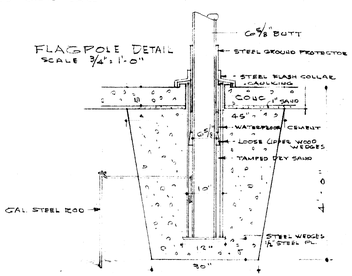
RECREATIONAL EQUIPMENT
1 - 8' SWING - 4 SEATS
1 - CIRCULAR CLIMBING STRUCTURE
2 - 10' BASKET BALL BACKSTOPS
2 - VOLLEY BALL POSTS & SLEEVES
1 - VOLLEY BALL NET

PLANT LIST

BOTANICAL NAME / COMMON NAME	CALIPER	HEIGHT (MIN.)	SPREAD (MIN.)	ROOTS SIZE	ROOTS TYPE	QUANTITY
TREES						
CRATAEGUS CRUSGALLI COCKSPUR HAWTHORN	-	7'	6'	18"	BB	7
GLEDITSIA TRIACANTHOS COMMON HONEYLOCUST	4"	12-14'	8'	40"	BB	11
ULMUS AMERICANA AMERICAN ELM	3½-4"	14-16'	6'	36"	BB	28
ULMUS CARPINIFOLIA SARGENSIS WHEATLEY-SI ELM	2½"	10'	4'	24"	BB	7
SHRUBS						
LIGUSTRUM OBTUSIFOLIUM REGELIANUM REGELS BORDER PRIVET		2½-3'	-	12"	BR	140

BB - DENOTES ROOTS BALLED & BURLAPPED
BR - DENOTES ROOTS BARE

FLAG POLE DETAIL
SCALE ¾"=1'-0"



½ OF PARKING BAY

PRECAST CONCRETE WHEEL STOP
SCALE 1½"=1'-0"

CRISPUS ATTUCKS ELEMENTARY SCHOOL

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE SEPT. 16, 1957	SITE IMPROVEMENTS - LANDSCAPE
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM NO 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET L-1
	HOGANSON BURT WILKINSON & OSTH ARCHITECTS ATCHISON-FITZGERALD LANDSCAPE ARCHITECTS 520 N MICHIGAN AVE CHICAGO

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

NATIONAL PARK SERVICE
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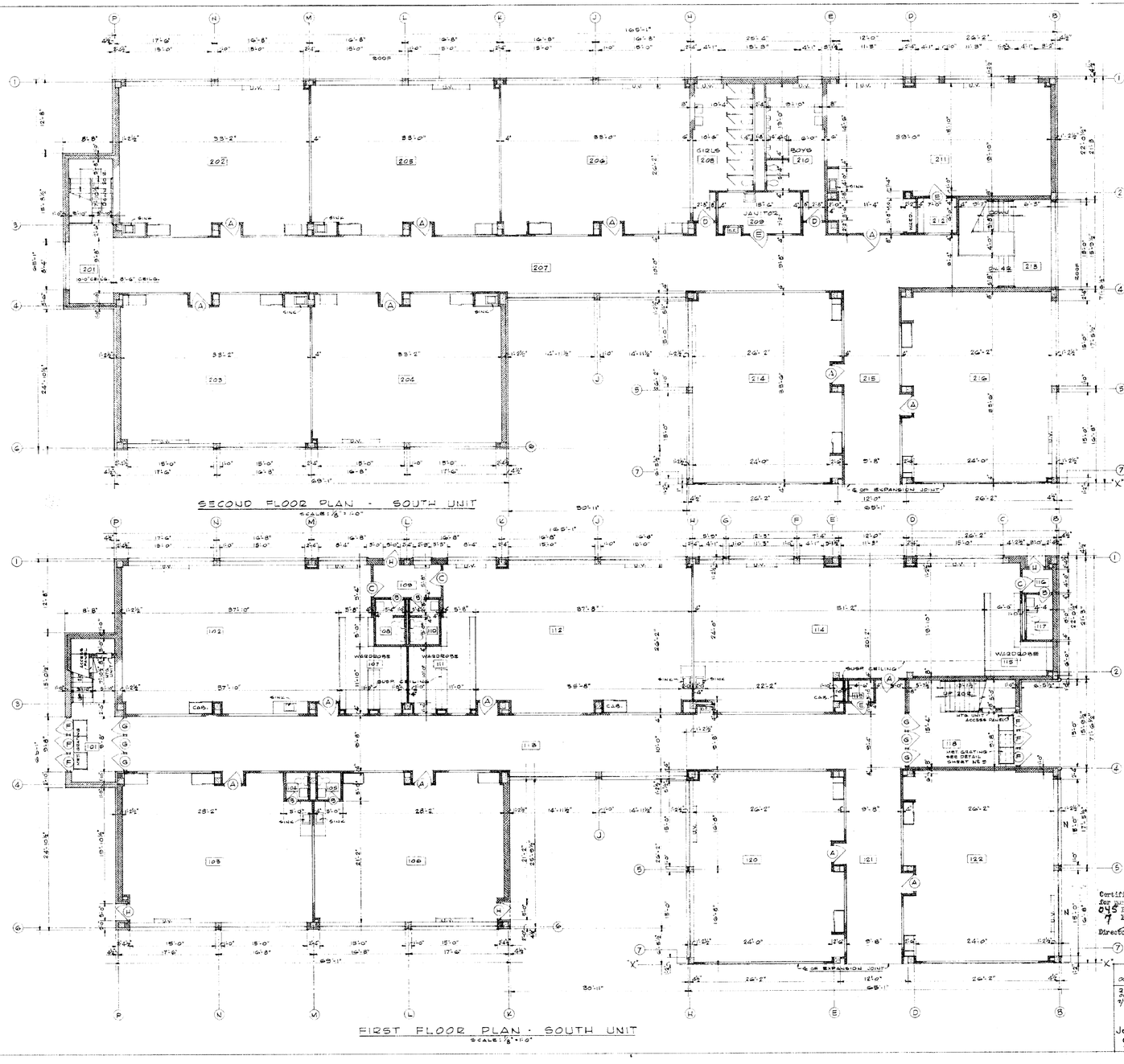
CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 8 OF 20 SHEETS

HABS IL-1251



ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS.	WALL	CEILING
101	STAIR HALL	A.T.	—	—	FACE B. CONC.	
102	KINDERGARTEN	A.T.	S.F.T.	—	CONC.B. ATT.A.	
103	CLASS ROOM	A.T.	Q.T.	—	CONC.B. ATT.A.	
104	TOILET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
105	TOILET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
106	CLASS ROOM	A.T.	S.S.T.		CONC.B. ATT.A.	
107	WARDROBE SPACE	A.T.	—	S.F.T.	CONC.B. ATT.ACOUS.T.	
108	TOILET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
109	VEST. BULE	C.T.	—	S.F.T.	CONC.B. ATT.A.	
110	TOILET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
111	WARDROBE SPACE	A.T.	S.F.T.	—	CONC.B. ATT.ACOUS.A.	
112	KINDERGARTEN	A.T.	—	S.F.T.	CONC.B. ATT.A.	
113	CORRIDOR	A.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
114	KINDERGARTEN	A.T.	S.S.T.	—	CONC.B. ATT.ACOUS.A.	
115	WARDROBE SPACE	A.T.	—	S.F.T.	CONC.B. ATT.ACOUS.A.	
116	VEST. BULE	C.T.	—	S.F.T.	CONC.B. ATT.A.	
117	TOILET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
118	STAIR HALL	Q.T.	—	—	FACE B. ATT.A.	
119	JAN. CLOSET	C.T.	—	S.F.T.	CONC.B. CONC.	
120	CLASS ROOM	A.T.	S.F.T.	—	CONC.B. ATT.A.	
121	CORRIDOR	A.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
122	CLASS ROOM	A.T.	S.S.T.	—	CONC.B. ATT.A.	
201	STAIR HALL	A.T.	—	FACE B.	CONC.B. SUSP.A. 10'-0"	
202	CLASS ROOM	A.T.	S.F.T.	—	CONC.B. SUSP.A. 10'-0"	
203	CLASS ROOM	A.T.	S.F.T.	—	CONC.B. SUSP.A. 10'-0"	
204	CLASS ROOM	A.T.	S.F.T.	—	CONC.B. SUSP.A. 10'-0"	
205	CLASS ROOM	A.T.	S.F.T.	—	CONC.B. SUSP.A. 10'-0"	
206	CLASS ROOM	A.T.	S.F.T.	—	CONC.B. SUSP.A. 10'-0"	
207	CORRIDOR	A.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
208	GIRLS TOILET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 10'-0"	
209	JAN. TOILET CLOSET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
210	BOYS TOILET	C.T.	—	S.F.T.	CONC.B. SUSP.A. 10'-0"	
211	CLASS ROOM	A.T.	S.F.T.	—	CONC.B. SUSP.A. 10'-0"	
212	STORE ROOM	A.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
213	STAIR HALL	A.T.	—	FACE B.	CONC.B. SUSP.A. 10'-0"	
214	CLASS ROOM	A.T.	S.S.T.	—	CONC.B. SUSP.A. 10'-0"	
215	CORRIDOR	A.T.	—	S.F.T.	CONC.B. SUSP.A. 8'-0"	
216	CLASS ROOM	A.T.	S.F.T.		CONC.B. SUSP.A. 10'-0"	

INDEX TO ABBREVIATIONS

A.T. ASPHALT TILE FLOORING
ATT.A ATTACHED ACOUSTICAL TILE
ATT.G ATTACHED GYPSUM BOARD
CONC. CONCRETE
CONC.B. CONCRETE MASONRY UNITS
C.T. CERAMIC TILE
FACE B. FACE BRICK
Q.T. QUARRY TILE
R. RUBBER BASE 4" HIGH
S.F.T. STRUCTURAL FACING TILE
SUSP.A SUSPENDED ACOUSTICAL TILE (HEIGHT AS NOTED)
SUSP.G SUSPENDED GYPSUM BOARD
SUSP.P SUSPENDED PLASTER ON METAL LATH

Certification of Authenticity for purpose of Microfilming.
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7 BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLANS - SOUTH UNIT	
2SV/S 1946 OCT. 1, 1956 7/1/69 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 1
	FUGARD BURT WILKINSON & DETH ARCHITECTS 920 NORTH MICHIGAN AVE. CHICAGO	

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

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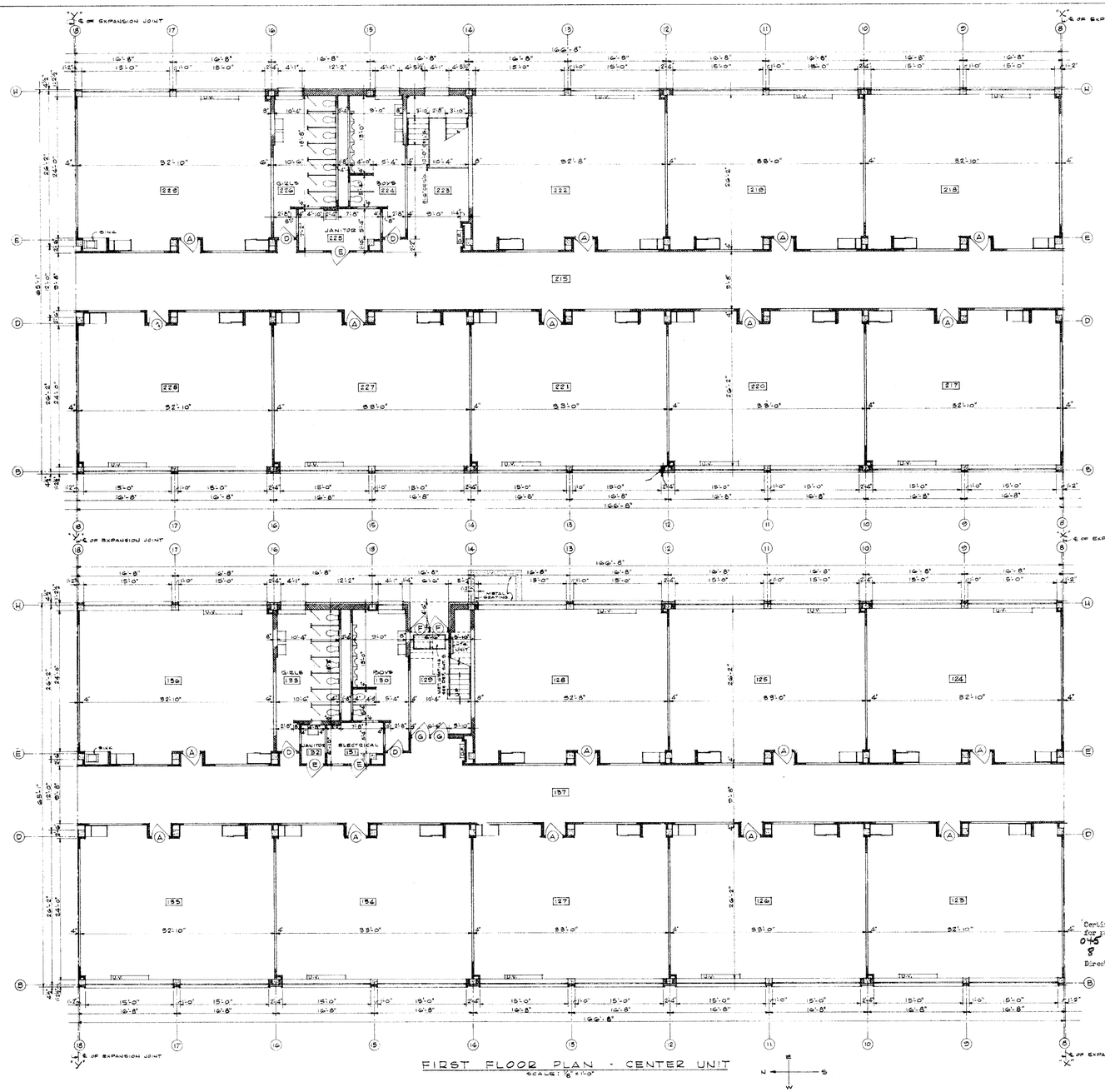
3808 - 3812 SOUTH DEARBORN STREET CHICAGO ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 9 OF 20 SHEETS

HABS IL-1251



ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS. WALL	CEILING
123	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
124	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
125	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
29	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
127	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
128	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
129	STAIR HALL	A.T.	----	6 F.T.	CONC.B. ATT.A. 10'-0"
130	BOYS' TOILET	C.T.	----	6 F.T.	CONC.B. ATT.A. 10'-0"
151	ELECTRICAL ROOM	CONC.	----	6 F.T.	CONC.B. CONCRETE
152	JANITOR'S CLOSET	C.T.	----	6 F.T.	CONC.B. ATT.A. 10'-0"
153	GIRLS' TOILET	C.T.	----	6 F.T.	CONC.B. ATT.A. 10'-0"
154	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
155	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
156	CLASS ROOM	A.T.	4 F.T.	----	CONC.B. ATT.A. 10'-0"
157	CORRIDOR	A.T.	----	6 F.T.	CONC.B. ATT.A. 10'-0"
215	CORRIDOR	A.T.	----	6 F.T.	CONC.B. SUSP.A. 8'-0"
217	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
218	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
219	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
220	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
221	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
222	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
223	STAIR HALL	A.T.	----	6 F.T.	CONC.B. SUSP.A. 10'-0" & 8'-0"
224	BOYS' TOILET	C.T.	----	6 F.T.	CONC.B. SUSP.A. 10'-0"
225	JANITOR'S CLOSET	C.T.	----	6 F.T.	CONC.B. SUSP.A. 10'-0"
226	GIRLS' TOILET	C.T.	----	6 F.T.	CONC.B. SUSP.A. 10'-0"
227	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
228	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"
229	CLASS ROOM	A.T.	6 F.T.	----	CONC.B. SUSP.A. 10'-0"

NOTE! SEE INDEX TO ABBREVIATIONS FOR SYMBOLS.

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
045
8
Director

DATE OCT. 10, 1936	PLANS - CENTER UNIT	
REVISIONS 5/9/01 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 2
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 10 OF 20 SHEETS

HABS IL-1251

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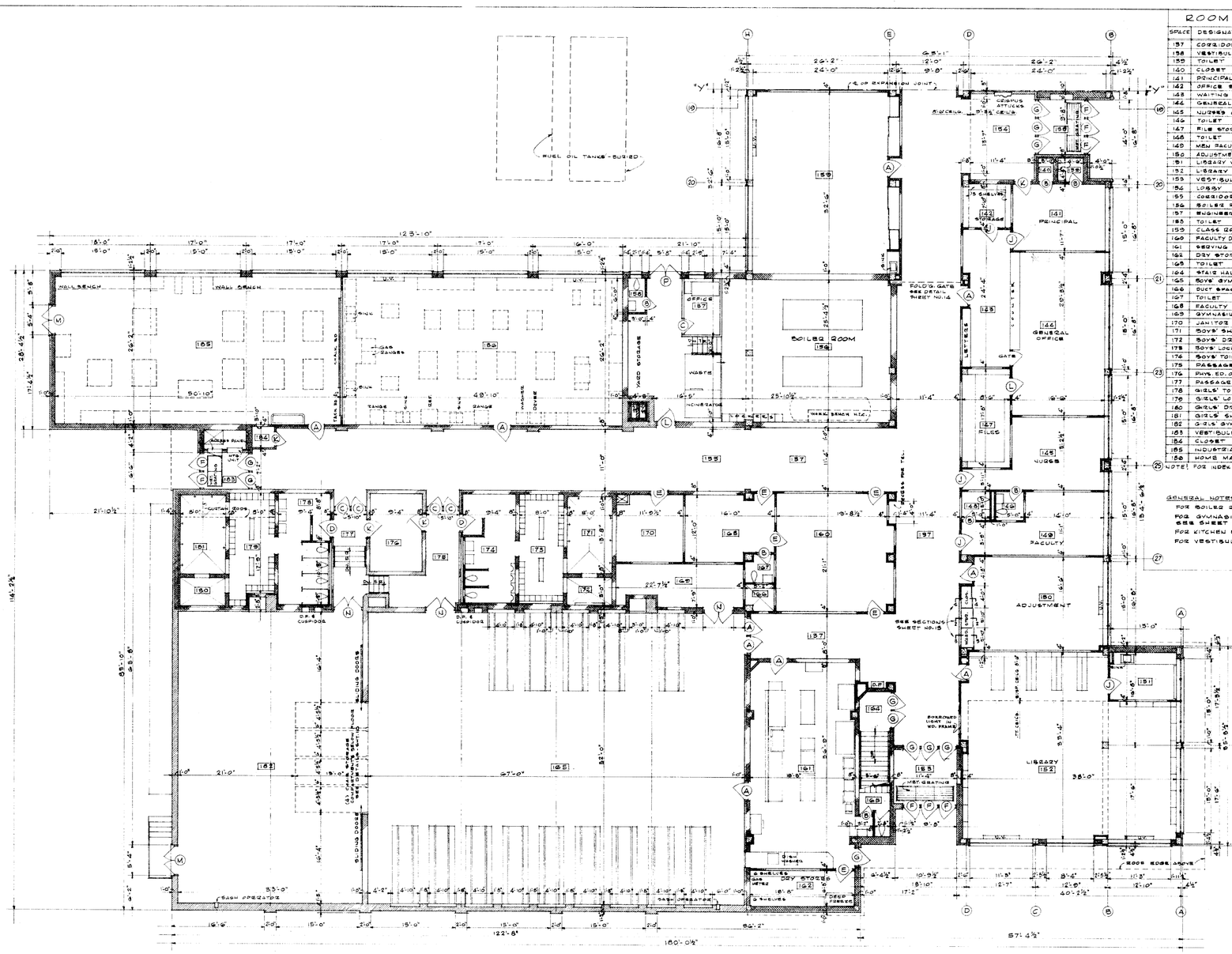


FIRST FLOOR PLAN - NORTH UNIT

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

ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS.	WALL	CEILING
157	COAL DOOR	A.T.	---	---	S.R.T.	CONC.B. SUSP.A. 8'-0"
158	VESTIBULE	Q.T.	---	---	FACE B.	CONC.B. SUSP.A. 9'-3½"
159	TOILET	A.T.	Q.	---	---	CONC.B. SUSP.A. 8'-0"
140	CLOSET	A.T.	Q.	---	---	CONC.B. SUSP.A. 8'-6"
141	PRINCIPAL'S OFFICE	A.T.	Q.	---	---	CONC.B. ATT.A.
142	OFFICE STORAGE	A.T.	Q.	---	---	CONC.B. ATT.A.
143	WAITING SPACE	A.T.	Q.	---	---	CONC.B. ATT.A.
144	GENERAL OFFICE	A.T.	Q.	---	---	CONC.B. ATT. A.
145	NURSES OFFICE	A.T.	Q.	---	---	CONC.B. ATT.A.
146	TOILET	C.T.	S.R.T.	---	---	CONC.B. SUSP.A. 8'-0"
147	FILE STORAGE	A.T.	Q.	---	---	CONC.B. ATT. A.
148	TOILET	C.T.	S.R.T.	---	---	CONC.B. SUSP.A. 8'-0"
149	MEN FACULTY ROOM	A.T.	Q.	---	---	CONC.B. ATT.A.
150	ADJUSTMENT ROOM	A.T.	Q.	---	---	CONC.B. ATT.A.
151	LIBRARY WORK ROOM	A.T.	Q.	---	---	CONC.B. ATT.A.
152	LIBRARY	A.T.	Q.	---	---	CONC.B. ATT.& SUSP.A.
153	VESTIBULE	Q.T.	---	---	FACE B.	SUSP.A.
154	LOBBY	A.T.	---	---	FACE B.	SUSP.A. 9'-3½"
155	CORRIDOR	A.T.	---	---	FACE B.	SUSP.A. 8'-0"
156	BOILER ROOM	CONC.	---	---	CONC.B.	SUSP. R
157	ENGINEER'S OFFICE	A.T.	Q.	---	CONC.B.	SUSP.B.
158	TOILET	A.T.	S.R.T.	---	CONC.B.	SUSP.B.
159	CLASS ROOM	A.T.	S.R.T.	---	CONC.B.	ATT. A.
160	FACULTY DINING ROOM	A.T.	---	---	S.R.T.	CONC.B. SUSP.A. 8'-6"
161	SERVING KITCHEN	Q.T.	---	---	---	S.R.T. SUSP.A. 8'-6"
162	DRY STORES	Q.T.	---	---	---	S.R.T. CONCRETE
163	TOILET	Q.T.	---	---	---	S.R.T. CONCRETE
164	STAIR HALL	A.T.	---	---	---	S.R.T. ATT. A.
165	BOYS' GYMNASIUM	A.T.	---	---	FACE B.	CONC.B. SEE DETAILS
166	DUCT SPACE	CONC.	---	---	---	CONC.B.
167	TOILET	A.T.	---	---	S.R.T.	CONC.B. SUSP.A. 8'-6"
168	FACULTY ROOM	A.T.	Q.	---	---	CONC.B. SUSP.A. 8'-6"
169	GYMNASIUM STORAGE	A.T.	---	---	---	CONC.B. CONCRETE
170	JANITOR'S STORAGE	CONC.	---	---	S.R.T.	CONC.B. CONCRETE
171	BOYS' SHOWERS	C.T.	---	---	---	S.R.T. CONCRETE
172	BOYS' DRYING	C.T.	---	---	---	S.R.T. CONCRETE
173	BOYS' LOCKER ROOM	C.T.	---	---	---	S.R.T. CONCRETE
174	BOYS' TOILET	C.T.	---	---	---	S.R.T. CONCRETE
175	PASSAGE	A.T.	---	---	FACE B.	SUSP.A.
176	PHYS. ED. OFFICE	A.T.	---	---	FACE B.	SUSP.A. 8'-6"
177	PASSAGE	A.T.	---	---	FACE B.	SUSP.A. 10'-0"
178	GIRLS' TOILET	C.T.	---	---	---	S.R.T. CONCRETE
179	GIRLS' LOCKER ROOM	C.T.	---	---	---	S.R.T. CONCRETE
180	GIRLS' DRYING	C.T.	---	---	---	S.R.T. CONCRETE
181	GIRLS' SHOWER	C.T.	---	---	---	S.R.T. CONCRETE
182	GIRLS' GYMNASIUM	A.T.	---	---	FACE B.	CONC.B. SUSP.B.
183	VESTIBULE	Q.T.	---	---	FACE B.	SUSP.A.
184	CLOSET	A.T.	---	---	S.R.T.	CONC.B. CONCRETE
185	INDUSTRIAL ARTS	A.T.	S.R.T.	---	CONC.B.	CONCRETE
186	HOME MAKING	A.T.	S.R.T.	---	CONC.B.	SUSP.A.

NOTE! FOR INDEX TO ABBREVIATIONS SEE SHEET NO.1

GENERAL NOTES:

FOR BOILER ROOM DETAILS SEE SHEET NO. 11
FOR GYMNASIUM & LOCKER ROOM DETAILS SEE SHEET NO.10
FOR KITCHEN & LIBRARY DETAILS SEE SHEET NO. 13
FOR VESTIBULE MET. GRATING DETAILS SEE SHEET NO. 9

Certification of Authenticity for purpose of Microfilming, 045 BOARD OF EDUCATION 9 BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1936	PLAN - FIRST FLOOR - NORTH UNIT
REVISIONS OCT. 11, 1936 2ND/ST ASSBLY	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET 3
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 320 NORTH MICHIGAN AVE. CHICAGO

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

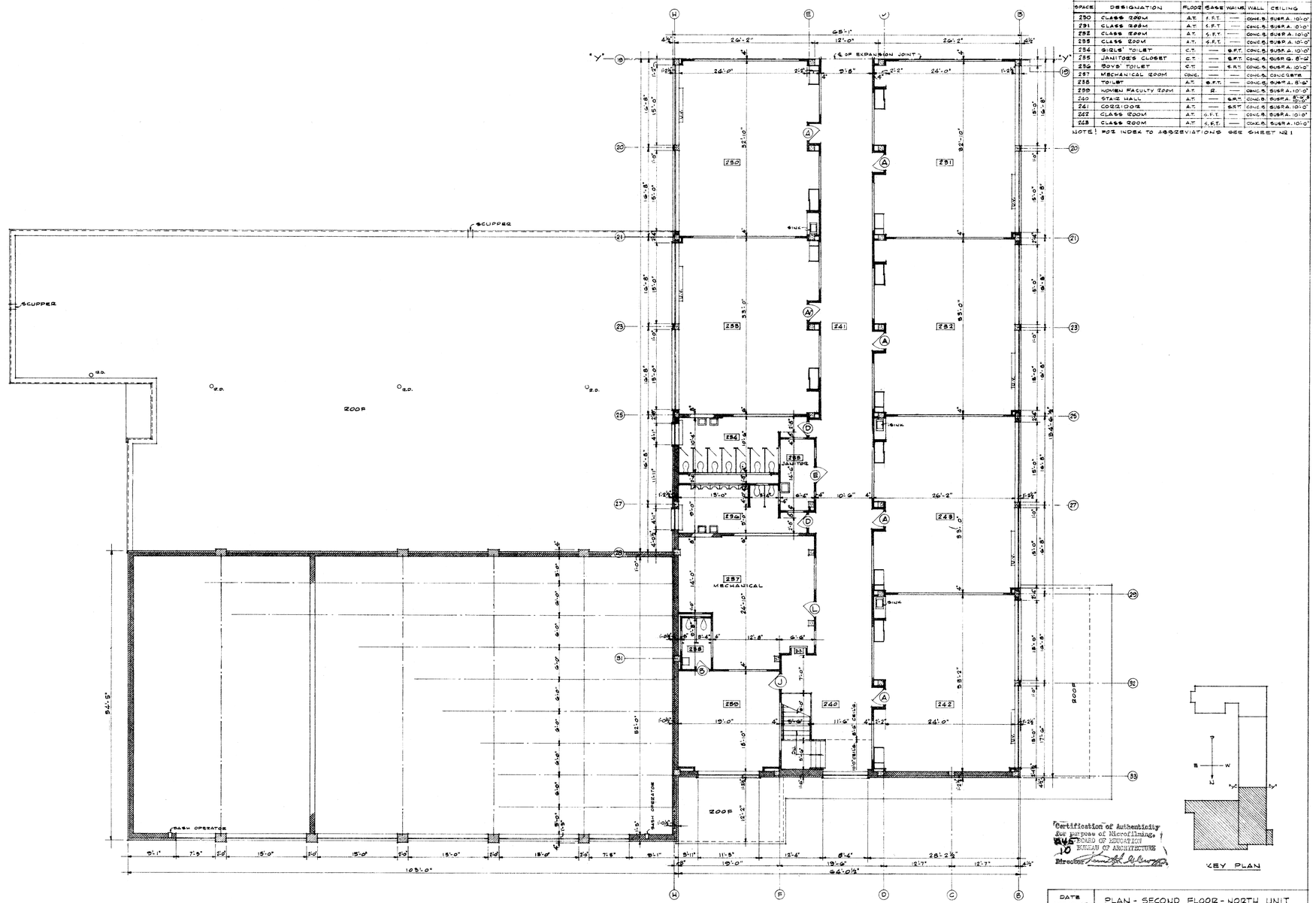
CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 11 OF 20 SHEETS

HABS IL-1251

LIBRARY OF CONGRESS INDEX NUMBER



SECOND FLOOR PLAN - NORTH UNIT

SCALE: ⅛" = 1'-0"

ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS.	WALL	CEILING
230	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP. A. 10'-0"
231	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP. A. 10'-0"
232	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP. A. 10'-0"
233	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP. A. 10'-0"
234	GIRLS' TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP. A. 10'-0"
235	JANITOR'S CLOSET	C.T.	—	S.F.T.	CONC.B.	SUSP. G. 8'-6"
236	BOYS' TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP. A. 10'-0"
237	MECHANICAL ROOM	CONC.	—	—	CONC.B.	CONCRETE
238	TOILET	A.T.	S.F.T.	—	CONC.B.	SUSP. A. 8'-6"
239	WOMEN FACULTY ROOM	A.T.	R.	—	CONC.B.	SUSP. A. 10'-0"
240	STAIR HALL	A.T.	—	S.F.T.	CONC.B.	SUSP. A. 8'-6" & 10'-0"
241	CORRIDOR	A.T.	—	S.F.T.	CONC.B.	SUSP. A. 10'-0"
242	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP. A. 10'-0"
243	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP. A. 10'-0"

NOTE! FOR INDEX TO ABBREVIATIONS SEE SHEET Nº 1

KEY PLAN

Certification of Authenticity
for purpose of Microfilming.
#45 BOARD OF EDUCATION
10 BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLAN - SECOND FLOOR - NORTH UNIT	
REVISIONS 2/9/59 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB Nº	BOARD OF EDUCATION CITY OF CHICAGO	SHEET
922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	4

1 HISTORICAL DRAWING
N.T.S.

LIBRARY OF CONGRESS INDEX NUMBER

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 12 OF 20 SHEETS

SURVEY NO.
HABS IL-1251

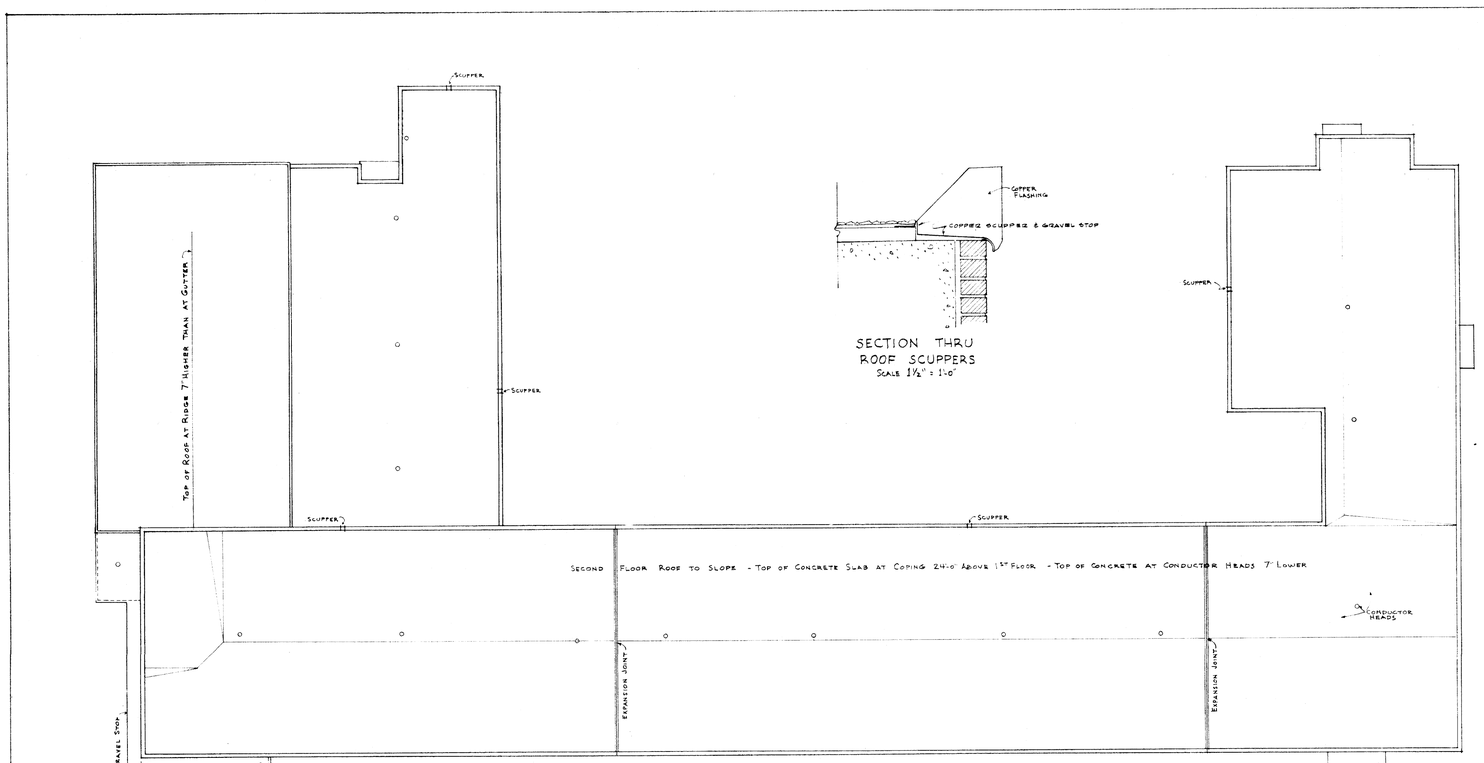
CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

IF REPRODUCED, PLEASE CREDIT THE HISTORIC AMERICAN BUILDINGS SURVEY, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF DRAWING

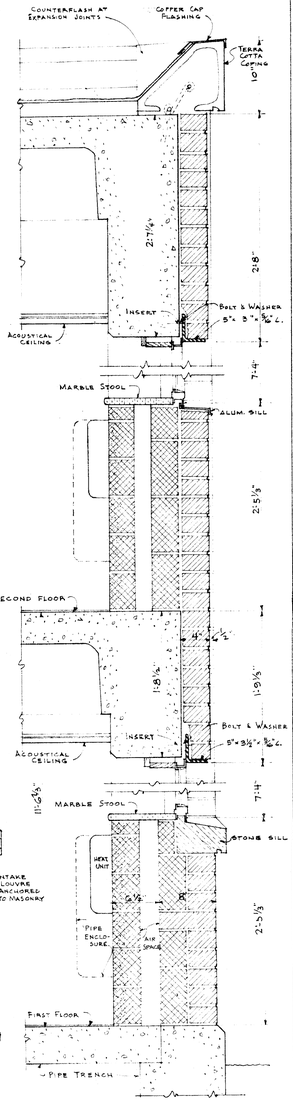
NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

DRAWN BY: JLK ARCHITECTS

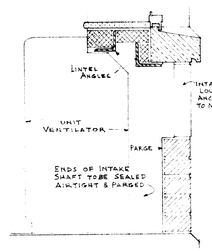


ROOF PLAN
SCALE 1/16" = 1'-0"

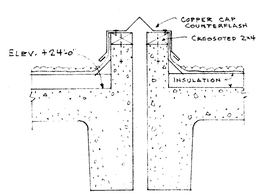
SECTION THRU
ROOF SCUPPERS
SCALE 1½" = 1'-0"



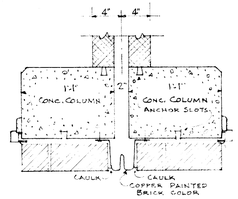
SECTION THRU TYPICAL
CLASSROOM WALL
SCALE 1½" = 1'-0"



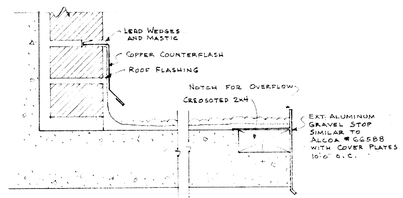
SECTION AT
UNIT VENTILATOR



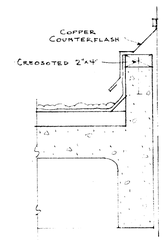
SECTION THRU
EXPANSION JOINTS
IN ROOF



PLAN OF
EXPANSION JOINT
IN WALLS
SCALE 1½" = 1'-0"



SECTION THRU
CONCRETE CANOPIES
SIMILAR FOR ROOFS
OF SPACES 151 & 162
SCALE 3"=1'-0"



DETAIL OF CURBS AT
OPENINGS THRU ROOF
SCALE 1½" = 1'-0"

Certification of Authenticity
for purpose of Microfilming.
~~945~~ 11
Director

DATE: OCT. 10, 1936	ROOF PLAN AND DETAILS	
REVISIONS OCT. 11, 1936	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 5
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

1 HISTORICAL DRAWING
N.T.S.

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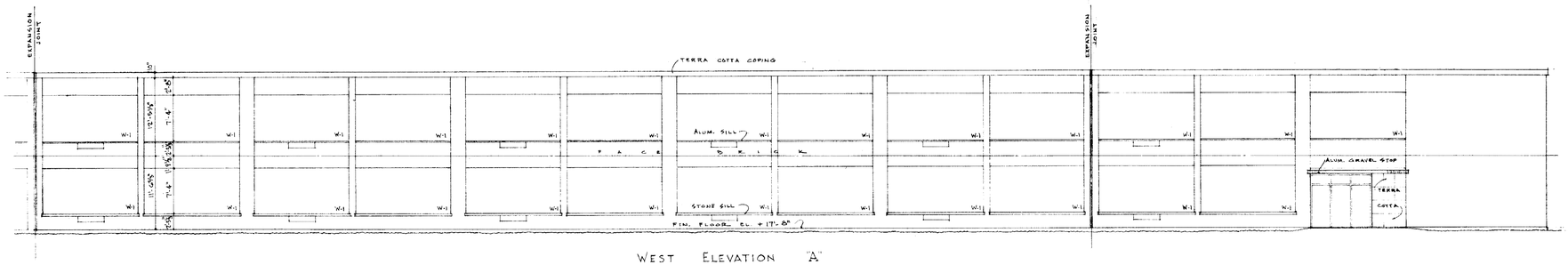
NATIONAL PARK SERVICE
U.S. DEPARTMENT OF THE INTERIOR

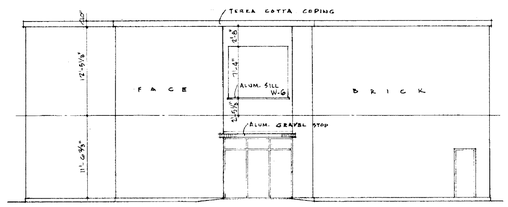
CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 13 OF 20 SHEETS

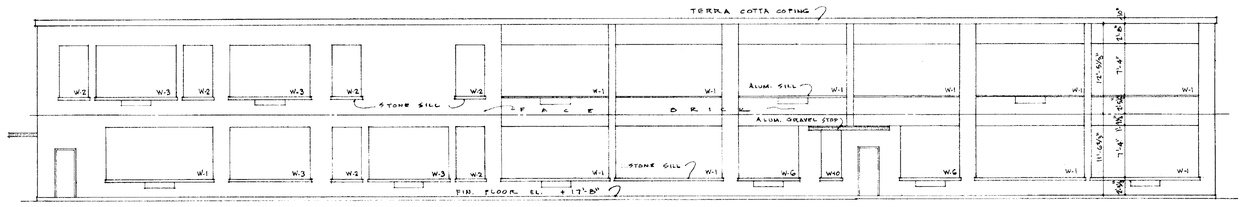
HABS IL-1251



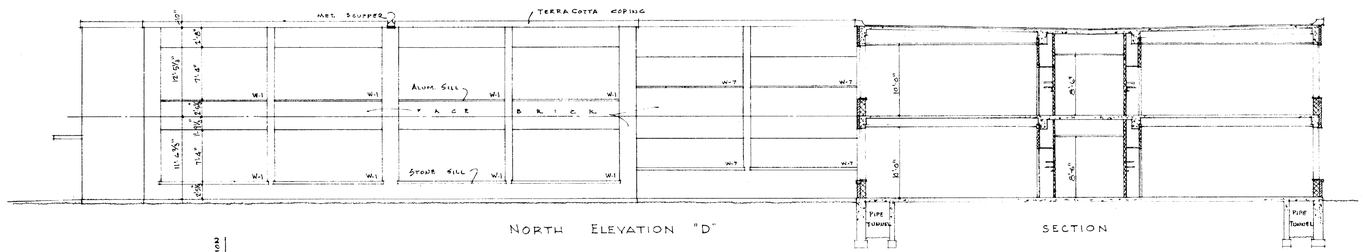
WEST ELEVATION "A"



EAST ELEVATION "C"

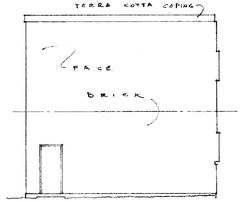


SOUTH ELEVATION "B"

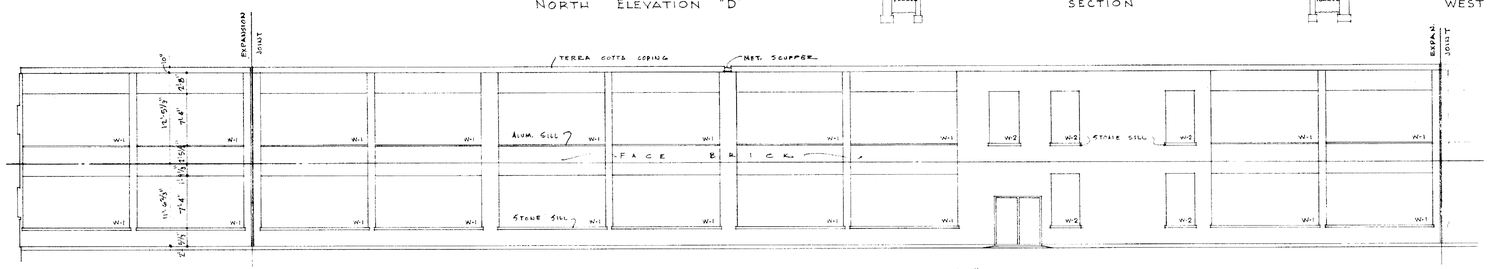


NORTH ELEVATION "D"

SECTION

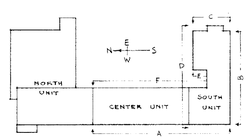


WEST ELEVATION "E"



EAST ELEVATION "F"

SCALE 1/8" = 1'-0"



KEY PLAN

Certification of Authenticity
for purpose of Microfilming
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1950	ELEVATIONS - SOUTH & CENTER UNITS	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 6
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

1 HISTORICAL DRAWING
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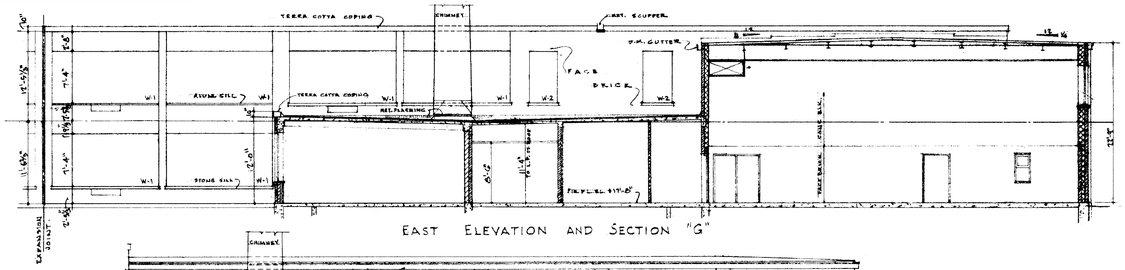
CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO

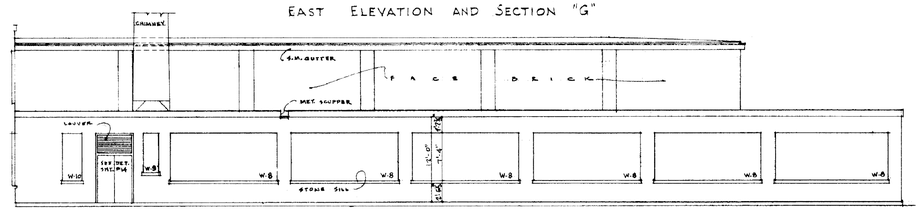
HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 14 OF 20 SHEETS

HABS IL-1251

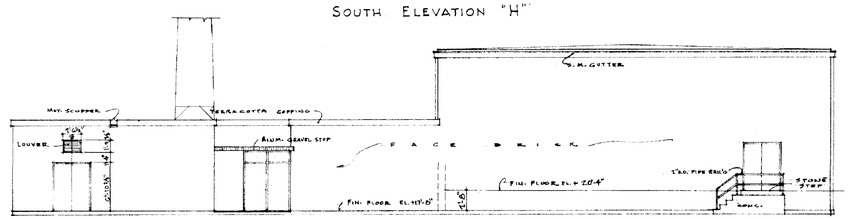
LIBRARY OF CONGRESS PRINTS & PHOTOGRAPHS DIVISION



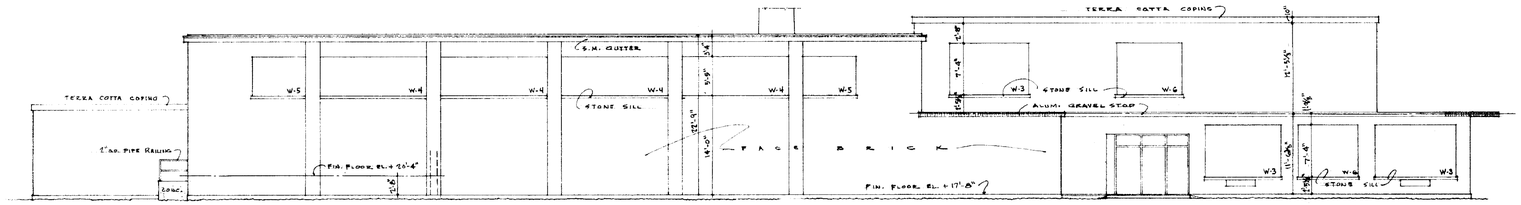
EAST ELEVATION AND SECTION "G"



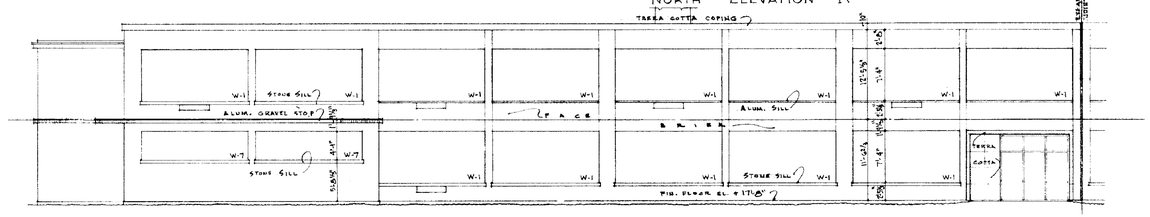
SOUTH ELEVATION "H"



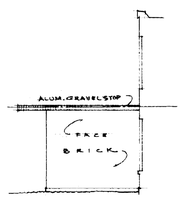
EAST ELEVATION "J"



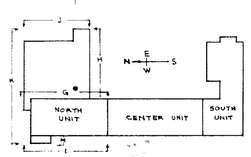
NORTH ELEVATION "K"



WEST ELEVATION "L"



ELEVATION M



KEY PLAN

Certification of Authenticity for purpose of Microfilming.
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BUREAU OF ARCHITECTURE
Director

DATE: OCT. 01956	ELEVATIONS NORTH UNIT	
REVISIONS 2/1/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 7
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

1 HISTORICAL DRAWING
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DRAWN BY: JLK ARCHITECTS

NATIONAL PARK SERVICE
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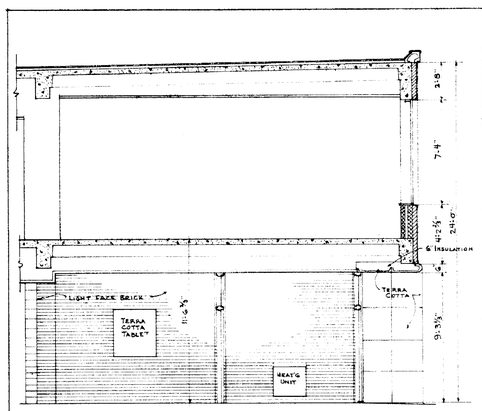
CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO ILLINOIS

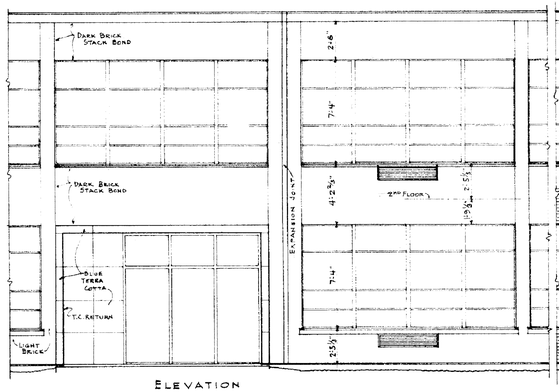
HABS IL-1251

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 15 OF 20 SHEETS

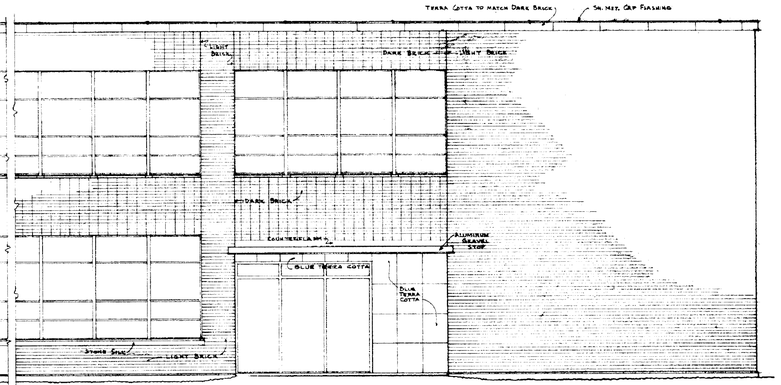
LIBRARY OF CONGRESS
INDEX NUMBER



SECTION - LOOKING SOUTH

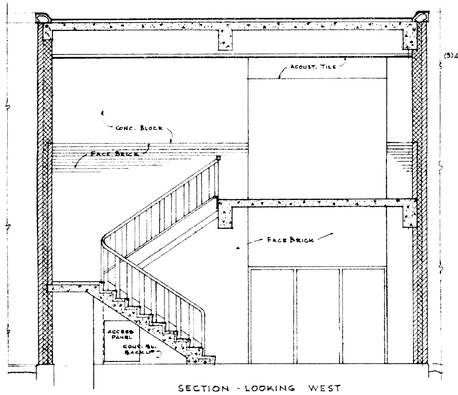


ELEVATION

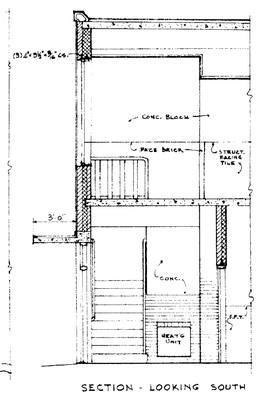


ELEVATION TRANCE TO VESTIBULE # 118

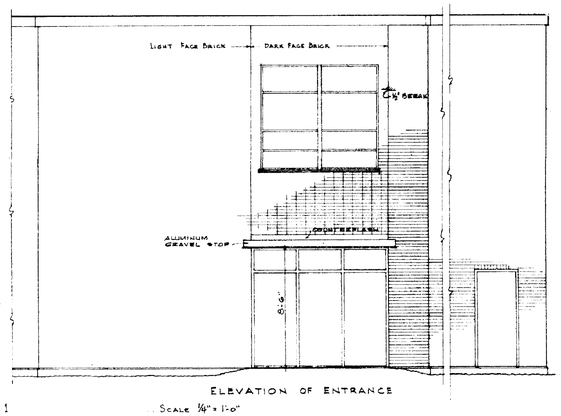
DETAILS OF ENTRANCE TO VESTIBULE # 138



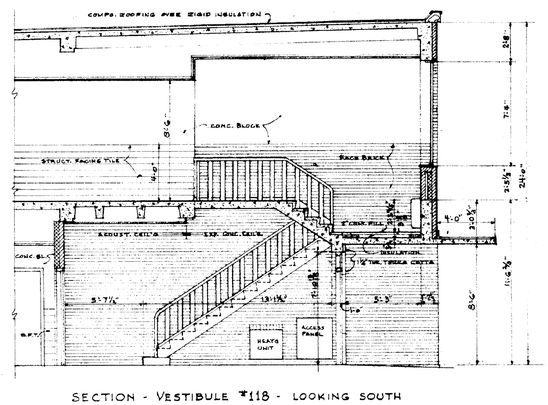
SECTION - LOOKING WEST



SECTION - LOOKING SOUTH

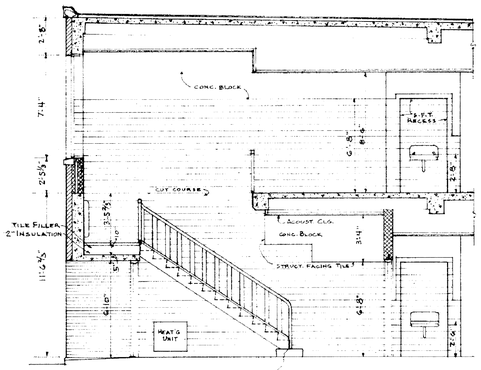


ELEVATION OF ENTRANCE
Scale 1/4"= 1'-0"

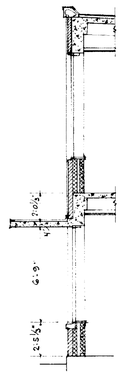


SECTION - VESTIBULE #118 - LOOKING SOUTH

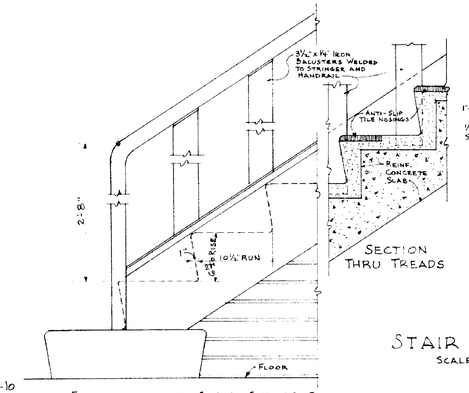
DETAILS OF STAIR HALL # 101



SECTION - VESTIBULE #129 - LOOKING SOUTH



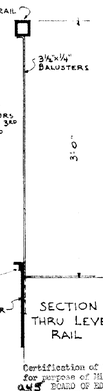
SECTION THRU WINDOW W-10
VESTIBULE #109



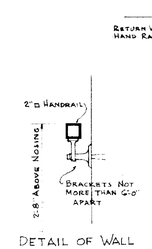
ELEVATION OF STAIR STRINGER AT FOOT OF STAIR

SECTION THRU TREADS

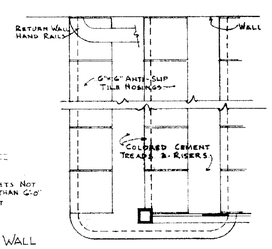
SECTION THRU STAIR STRINGER



SECTION THRU LEVEL RAIL



DETAIL OF WALL HANDRAIL - ALL STAIRS



PLAN AT FOOT OF OPEN STAIRS

STAIR DETAILS
Scale 1½"= 1'-0"

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT 10, 1956	ENTRANCE AND STAIR DETAILS	
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB Nº 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 8
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

NATIONAL PARK SERVICE
U.S. DEPARTMENT OF THE INTERIOR

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 16 OF 20 SHEETS

HABS IL-1251

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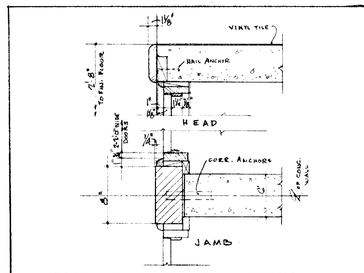
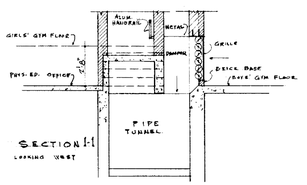


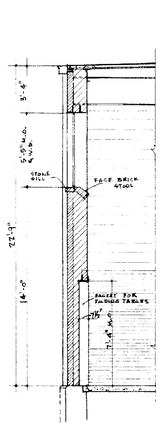
DETAILS OF DOORS & FRAME FOR CHAIR STORAGE BINS

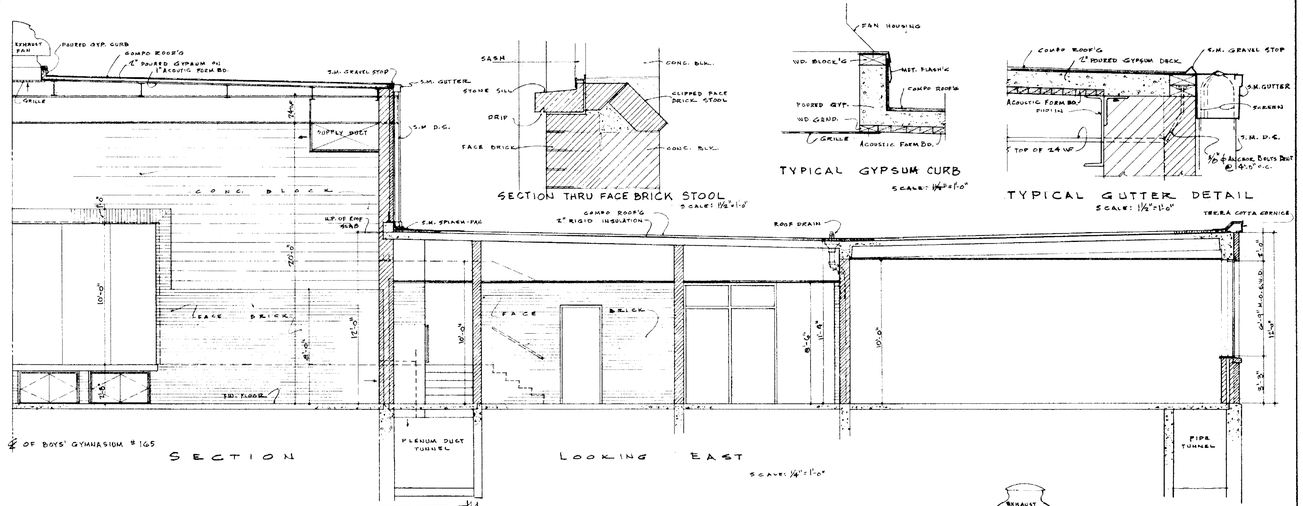
SCALE: 1½"=1'-0"



SECTION

LOOKING WEST





OF BOYS' GYMNASIUM #165

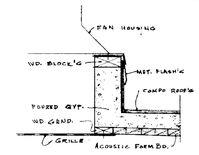
SECTION

LOOKING EAST

SCALE: ¼"=1'-0"

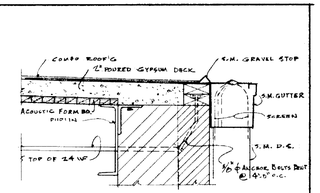
SECTION THRU FACE BRICK STOOL

SCALE: 1½"=1'-0"



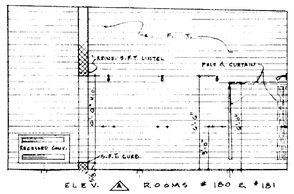
TYPICAL GYPSUM CURB

SCALE: 1½"=1'-0"

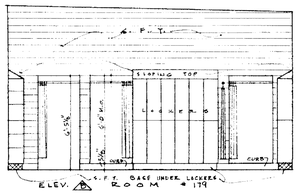


TYPICAL GUTTER DETAIL

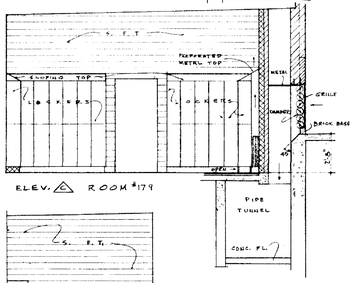
SCALE: 1½"=1'-0"



ELEV. A ROOMS # 180 & #181



ELEV. A ROOM #179



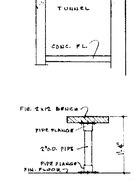
ELEV. A ROOM #179

ELEV. A ROOM # 178

ELEV. A ROOM # 178

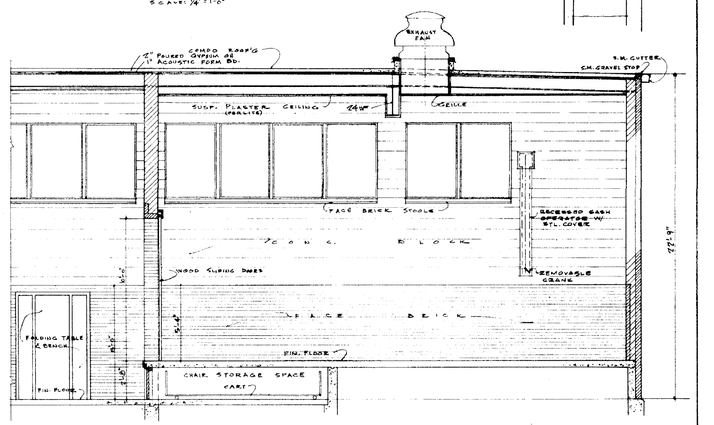
ELEV. A ROOM #174

SCALES ¼"=1'-0"



TYPICAL BENCH DETAIL

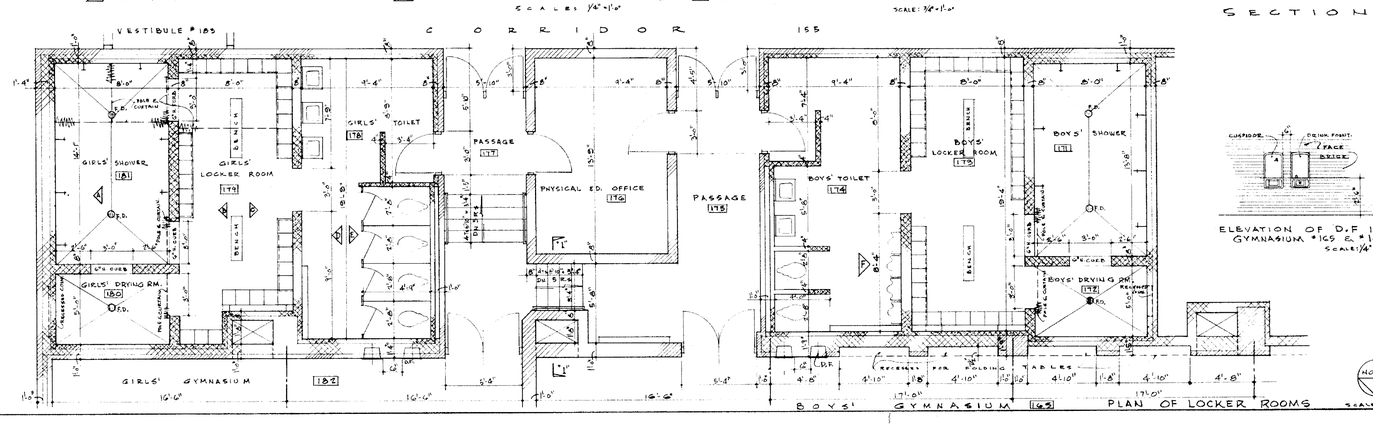
SCALE: ¾"=1'-0"



SECTION

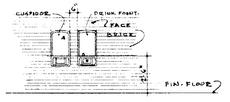
LOOKING NORTH

SCALE: ¼"=1'-0"



PLAN OF LOCKER ROOMS

SCALE: ¼"=1'-0"



ELEVATION OF D.F. IN GYMNASIUM #165 & #182

SCALE: ¼"=1'-0"

"Certification of Authenticity for purpose of Microfilming"
OMS
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1936	GYMNASIUM & LOCKER ROOM DETAILS
REVISIONS OCT. 11, 1936	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	BOARD OF EDUCATION CITY OF CHICAGO
JOB No 922	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO
	COMM. NO. 1048
	SHEET 10

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

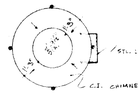
CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO COUNTY ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 17 OF 20 SHEETS

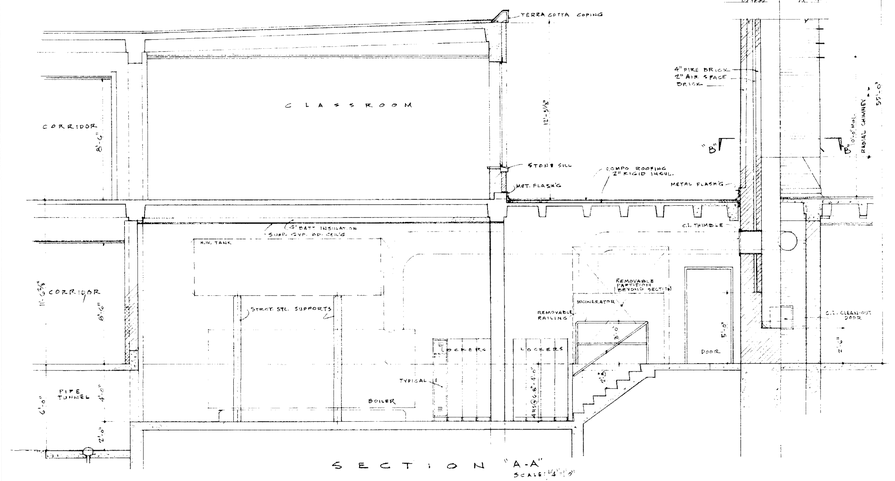
HABS
IL-1251

LIBRARY OF CONGRESS
NOTICE

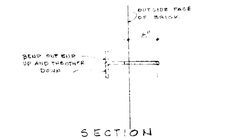
SECTION "B-B"
SCALE: 1/4"=1'-0"



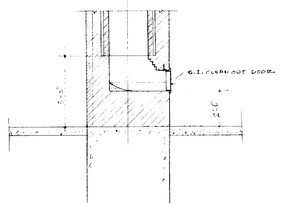
PLAN OF CHIMNEY CAP
SCALE: 1/4"=1'-0"



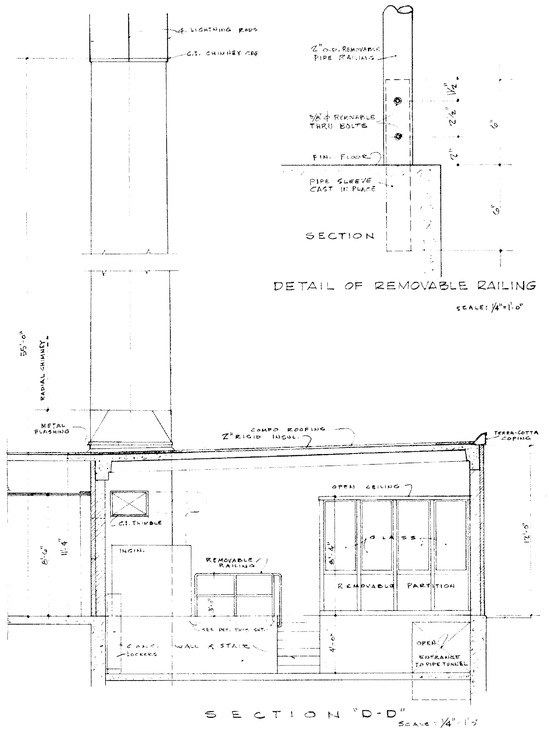
SECTION "A-A"
SCALE: 1/4"=1'-0"



DETAIL OF LADDER RUNGS
SCALE: 3/4"=1'-0"

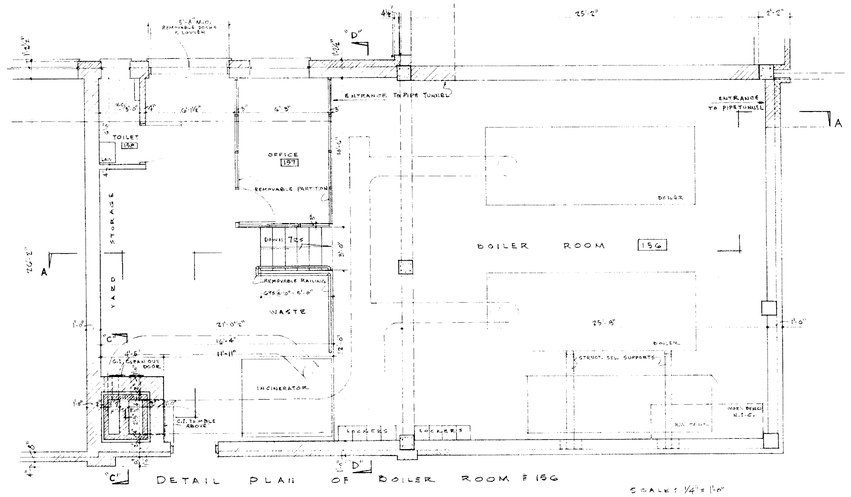


SECTION "C-C"
SCALE: 1/4"=1'-0"

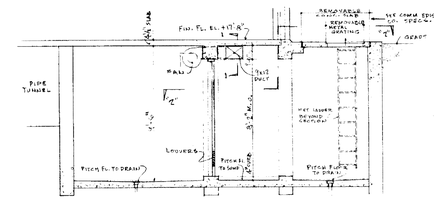


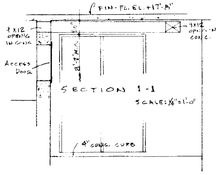
SECTION "D-D"
SCALE: 1/4"=1'-0"

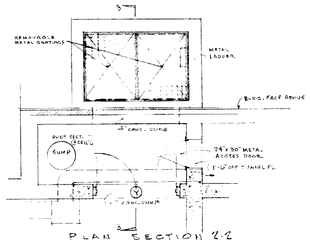
DETAIL OF REMOVABLE RAILING
SCALE: 1/4"=1'-0"

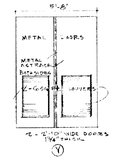


DETAIL PLAN OF BOILER ROOM # 156
SCALE: 1/4"=1'-0"









DOOR TYPES
SCALE: 1/4"=1'-0"

NOTE!
ENTIRE ENTRANCE AND ACCESS INTO AREA -
- REMOVABLE GRATINGS - METAL
DOORS - TO BE AS PER SPECIFICATIONS OF COMM. EDISON CO. CONTRACTOR TO VERIFY SAME.

DETAILS OF ENTRANCE INTO TRANSFORMER VAULT
SCALE: 1/4"=1'-0"

Certification of Authenticity
for purpose of Microfilming
by BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	BOILER ROOM & TRANSFORMER VAULT DETAILS	
REVISIONS 3/9/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB No. 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 11
	FUGARD BURT WILKINSON & ROTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

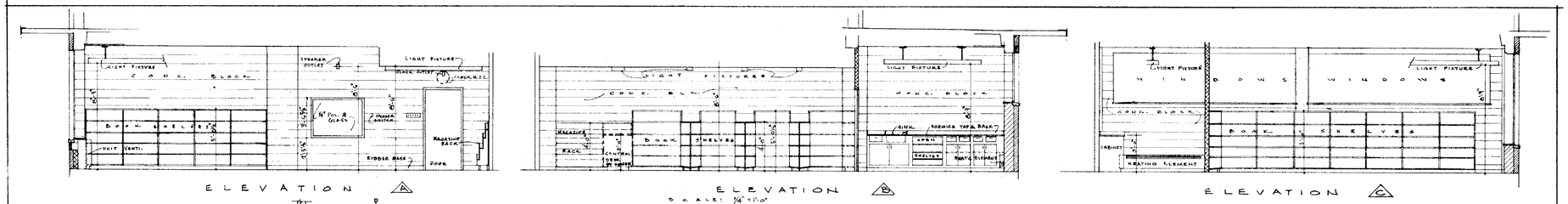
NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

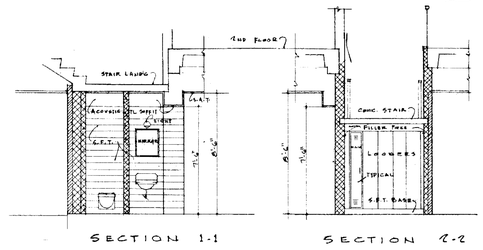
CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

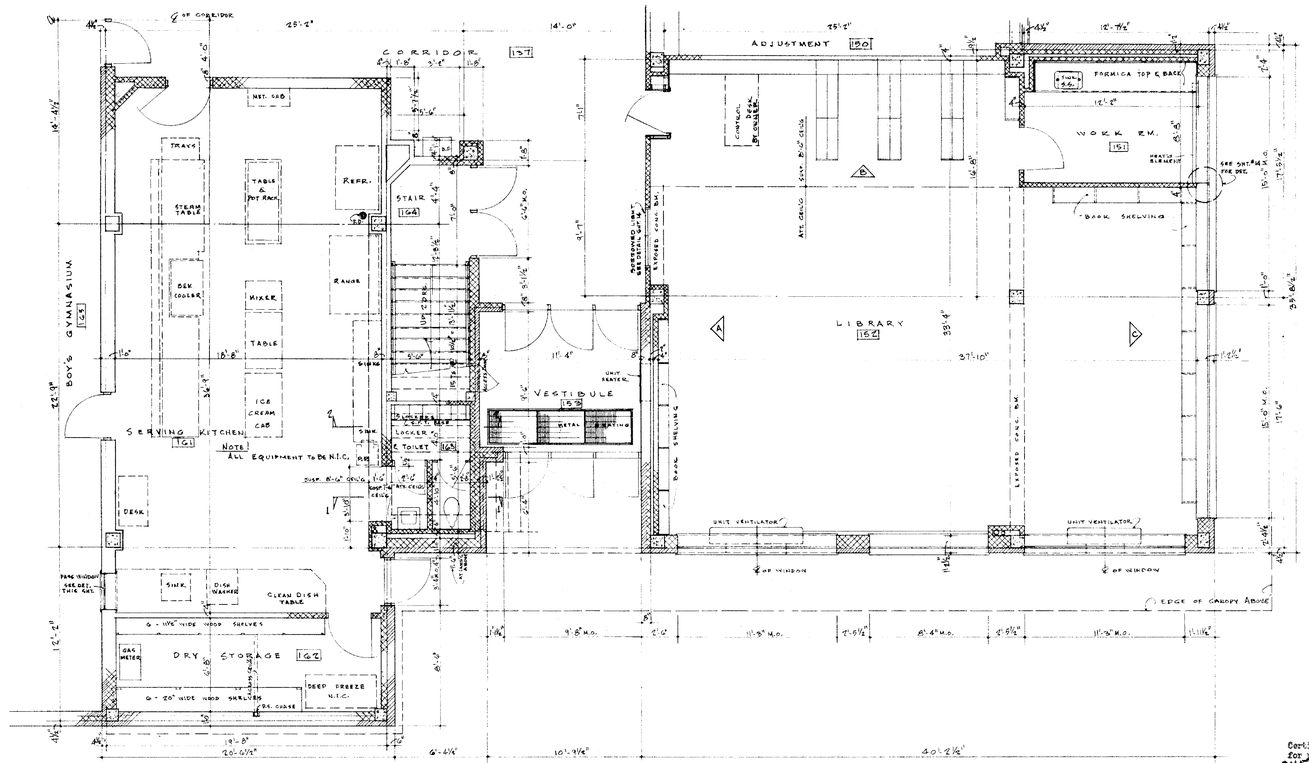
HABS IL-1251

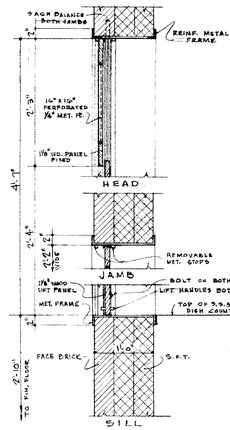
HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 18 OF 20 SHEETS

LIBRARY OF CONGRESS
INDEX PLANNED









Certification of Authenticity
For purpose of Microfilming.
ONS BOARD OF EDUCATION
19 BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	KITCHEN & LIBRARY DETAILS
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL
JOB Nº 922	BOARD OF EDUCATION CITY OF CHICAGO
	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO
	COMM. NO. 1048
	SHEET 13

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

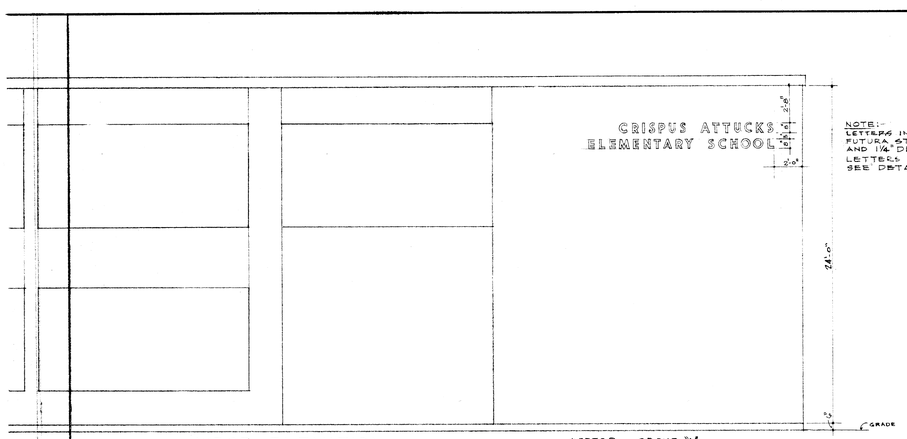
NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

CRISPUS ATTUCKS ELEMENTARY SCHOOL

3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 19 OF 20 SHEETS

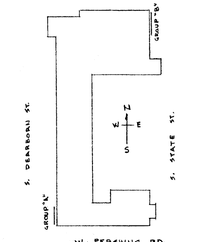
HABS IL-1251



NOTE:-
LETTERS IN GROUP "A" TO BE - 8" HIGH FUTURA STYLE WITH 1 7/16" WIDTH OF STROKE AND 1 1/4" DEPTH.
LETTERS TO PROJECT 2" FROM WALL SEE DETAIL THIS SHEET

WEST ELEVATION
SCALE:- 1/4" = 1'-0"

LETTER GROUP "A"



LOCATION PLAN

SPECIFICATIONS

WORK INCLUDED: FURNISH ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, AND SCAFFOLDING, INCLUDING ANY OTHER INCIDENTAL ITEMS, REQUIRED FOR FURNISHING AND INSTALLATION OF LETTER SIGNS AS HEREIN SPECIFIED, AND SHOWN ON DRAWINGS, READY FOR USE.

GENERAL: ALL LETTERS TO BE MADE IN THE SHOP, ASSEMBLED, FINISHED, PACKED, CRATED, etc., TRANSPORTED TO THE SITE, UNCRATED AND SET IN THEIR PERMANENT LOCATION, READY FOR USE. ANY PARTS DAMAGED IN HANDLING OR SHIPPING SHALL BE CORRECTED IN A NEAT AND WORKMANLIKE MANNER.

ALL LETTERS TO BE NEW, UNUSED, FIRST QUALITY AND OF APPROVED TYPES AND DESIGNS.

REMOVE ALL PACKING, CRATING, AND DEBRIS FROM THE PREMISES IMMEDIATELY. SALVAGED EQUIPMENT SHALL BECOME THE PROPERTY OF THIS CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

GUARANTEE: ALL LETTERS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER, AGAINST ALL DEFECTS IN WORKMANSHIP OR MATERIALS.

SEPARATE PROPOSAL BIDS SHALL BE SUBMITTED FOR LETTERS IN GROUP "A" AND GROUP "B"

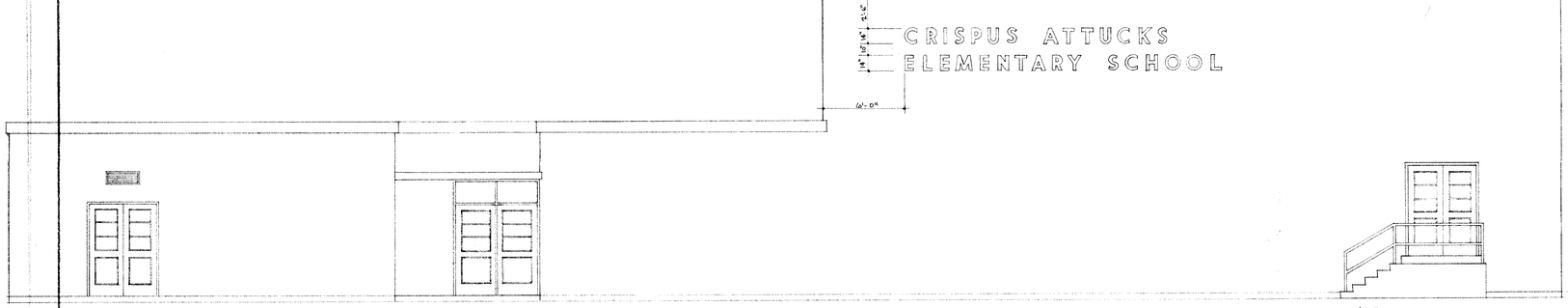
THE BASE BID SHALL BE SUBMITTED FOR THE LETTERS TO BE OF STAINLESS STEEL AND AN ALTERNATE BID SUBMITTED FOR THE LETTERS TO BE OF CAST ALUMINUM WITH A BAKED ENAMEL FINISH.

FOR THE BASE BID THE LETTERS SHALL BE OF HEIGHT, STROKE AND DEPTH AS SHOWN ON DRAWING; FLAT FACED, AND FABRICATED FROM 20 GAUGE, 18-8 ALLOY STAINLESS STEEL WITH NO 4 FINISH, ERECTED BY MOULDING TYPE INDICATED. LETTERS SHALL BE CONTINUOUSLY SOLDERED AND BE FREE FROM WAVES AND WARPS.

FOR THE ALTERNATE BID THE LETTERS SHALL BE OF HEIGHT, STROKE AND DEPTH AS SHOWN ON DRAWING; LETTERS SHALL BE FROM NO 43 ALLOY ALCOA ALUMINUM, EDGES AND FACES ARE FILLED AND GROUND SMOOTH AND A ZINC CHROMATE PRIMER ADDED. THE LETTERS ARE TO BE FINISHED IN THE BEST GRADE GLOSSY ENAMEL BAKED FOR 5 HOURS AT TEMPERATURES OF 325° to 375°F. THE COLOR OF ENAMEL IS TO MATCH THE MASONRY COLOR FOR GLAZED BRICK GIALLA, TO SHADE # 2878 "FORM GRAY GREEN" AS MANUFACTURED BY ARVTEX CERAMIC CORPORATION.

DETAIL SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL BEFORE FABRICATION. THIS CONTRACTOR SHALL ALSO SUPPLY A FULL SCALE TEMPLATE FOR POSITIONING OF BRACKETS.

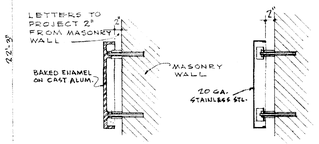
BRACKETS TO BE OF NON-CORROSIVE METAL SIMILAR TO LETTERING.



EAST ELEVATION
SCALE:- 1/4" = 1'-0"

LETTER GROUP "B"

NOTE:-
LETTERS IN GROUP "B" TO BE - 14" HIGH FUTURA STYLE WITH 3" WIDTH OF STROKE AND 2" DEPTH.



TYPICAL MOUNTING DETAIL
NO SCALE

REVISIONS	ALUMINUM LETTERS FOR CRISPUS ATTUCKS ELEMENTARY SCHOOL	DATE
12/4/67 LETTER HEIGHTS CHANGED AS PER CHECK ADD'S		Nov. 29-67
	CRISPUS ATTUCKS ELEMENTARY SCHOOL	SHEET 110
	BOARD OF EDUCATION CITY OF CHICAGO	
DRAWN BY L.A.A.	FUGARD, BURT, WILKINSON, & ORTH ARCHITECTS 520 N. MICHIGAN AVE. CHICAGO	COMM. 1048
TRACED BY	JOB Nº 922	

Certification of Authenticity for purpose of Microfilming
045 BOARD OF EDUCATION
4 BUREAU OF ARCHITECTURE
Director

1 HISTORICAL DRAWING
N.T.S.

DRAWN BY: JLK ARCHITECTS

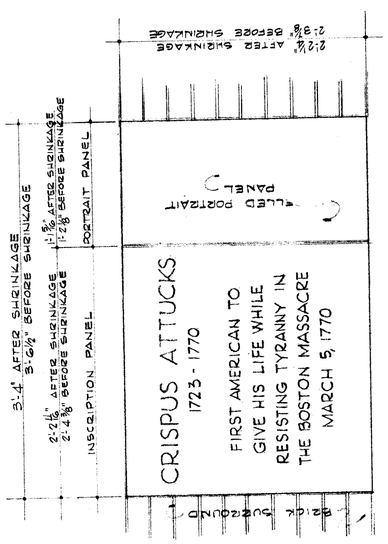
NATIONAL PARK SERVICE
U. S. DEPARTMENT OF THE INTERIOR

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3808 - 3812 SOUTH DEARBORN STREET CHICAGO COOK COUNTY ILLINOIS

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 20 OF 20 SHEETS

HABS IL-1251

LIBRARY OF CONGRESS NOT NUMBERED



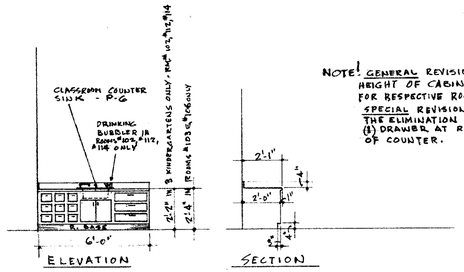
KEY DETAIL - MEMORIAL TABLET
CRISPUS ATTUCKS ELEMENTARY SCHOOL

FUGARD, BURT, WILKINSON & ORTH ARCHITECTS
MARCH 6, 1957

SHT. Nº 103
COMM. Nº 1048

REVISION TO WOOD CABINET
IN ROOMS #102, #103, #106, #112, #114

CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION - CHICAGO
FUGARD, BURT, WILKINSON & ORTH - ARCHITECTS
520 N. MICHIGAN AVE. CHICAGO
DATE: 3/20/57 BY: J.T.S.

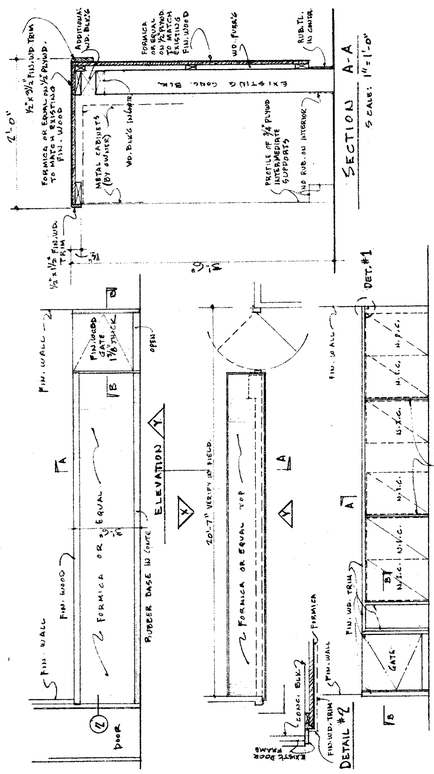


NOTE! GENERAL REVISION IN HEIGHT OF CABINET FOR RESPECTIVE ROOMS.
SPECIAL REVISION IN THE ELIMINATION OF ONE (1) DRAWER AT RIGHT OF COUNTER.

REVISED WOOD CABINET DETAILS
(5 REQUIRED THUS)
SCALE: ¼"=1'-0"

DISTRIBUTION
☐ J.J. DUFFY CO.
☐ GAZIN & VALENTINE

DRWG Nº 107

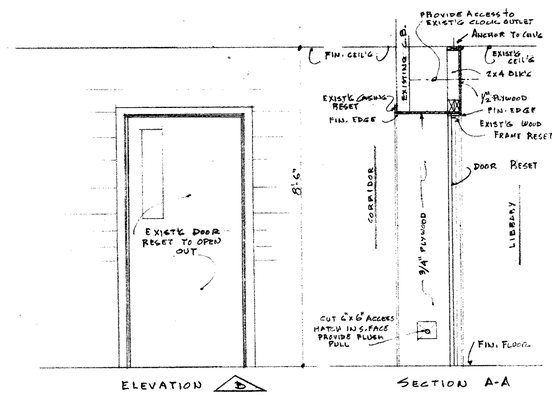


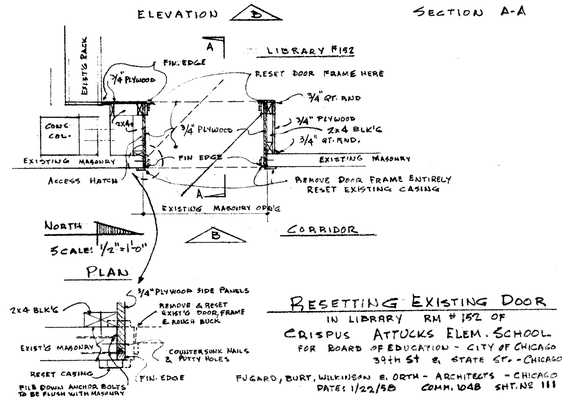
REVISED COUNTER DETAILS
GENERAL OFFICE # 144

CRISPUS ATTUCKS ELEMENTARY SCHOOL
39th & STATE ST. CHICAGO, ILLINOIS
RICHARD BURT WILKINSON & ORTH - ARCHITECTS

J.J. DUFFY CO.
BOARD OF EDUCATION

SHEET: NR 109
COMM: 1048

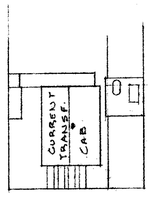


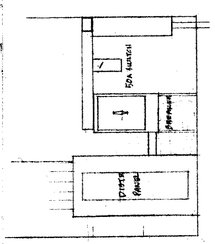


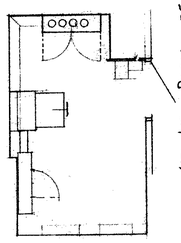
RESETTING EXISTING DOOR
IN LIBRARY RM # 182 OF
CRISPUS ATTUCKS ELEM. SCHOOL
FOR BOARD OF EDUCATION - CITY OF CHICAGO
39th ST & STATE ST. - CHICAGO

FUGARD, BURT, WILKINSON & ORTH - ARCHITECTS - CHICAGO
DATE: 1/22/58 COMM. 1048 SHT. Nº 111

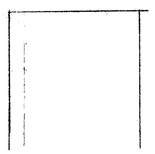
COMM. 1048
CRISPUS ATTUCKS ELEM. SCHOOL
JULY 24, 1957





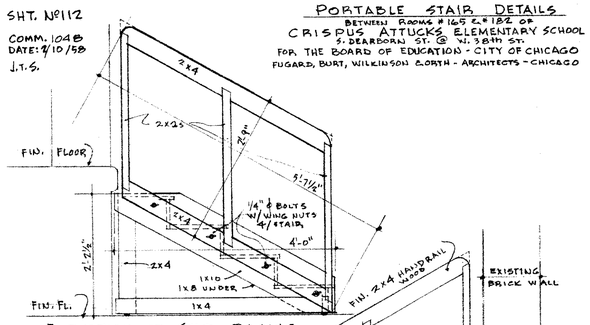


AS IS PLAN OF ELECT. EQUIP. ROOM
NORTH
SCALE: ¼"=1'-0"

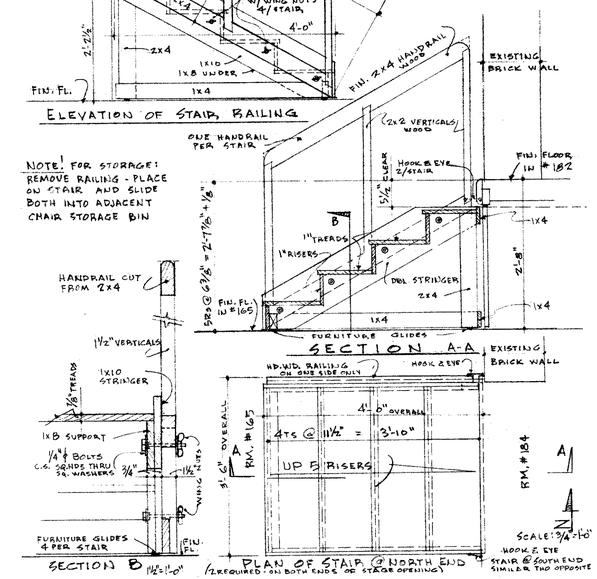


PORTABLE STAIR DETAILS
BETWEEN ROOMS #165 & #182 OR
CRISPUS ATTUCKS ELEMENTARY SCHOOL
S. DEARBORN ST. @ W. 38th ST.
FOR THE BOARD OF EDUCATION - CITY OF CHICAGO
FUGARD, BURT, WILKINSON & ORTH - ARCHITECTS - CHICAGO

SHT. Nº 112
COMM. 1048
DATE: 7/10/58
J.T.S.

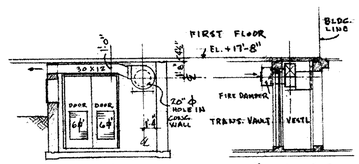


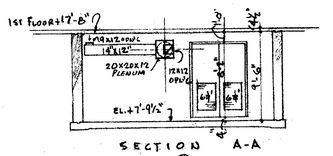
NOTE! FOR STORAGE: REMOVE RAILING - PLACE ON STAIR AND SLIDE BOTH INTO ADJACENT CHAIR STORAGE BIN

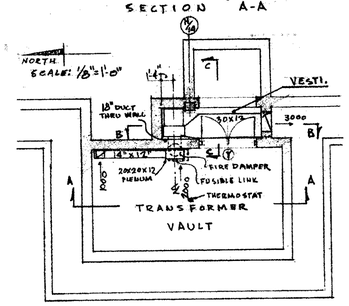


REVISIONS TO TRANSFORMER VAULT

CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION - CHICAGO
FUGARD - BURT - WILKINSON - ORTH - ARCHITECTS
520 N. MICHIGAN AVE - CHICAGO
DATE: 2/12/57 BY: J.T.S.







DISTRIBUTION
☐ J.J. DUFFY
☐ GAZIN & VALENTINE
☐ WAKEFIELD ELECT.
☐ STEEL CITY VENTL. CO
☐ S.J. REINDORF'S

DRWG Nº 302

SPECIAL NOTES:

Fan and Duct Work changes in Fan System for Commonwealth Edison Co. Electric Vault.

Change Fan E-13 from 910 CFM 1/4"SP 880 RPM Noise Isolation Hangers 1/4 HP 120 Volt 1 ϕ 60 cycle.

to

Clarage Fan #1 3/8 LS ready Unit 3000 CFM 500 RPM 3/8" SP Noise Isolation Hangers or Units on Angle Supports 3/4 HP 3 ϕ 60 cycle 208 Volt Motor, size #1 Magnetic starter.

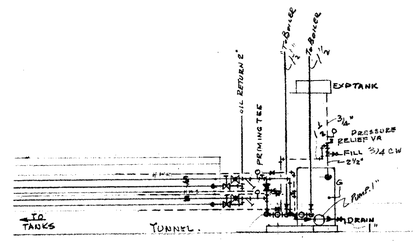
Change Discharge duct to Tunnel 30 x 12 from 9" x12"

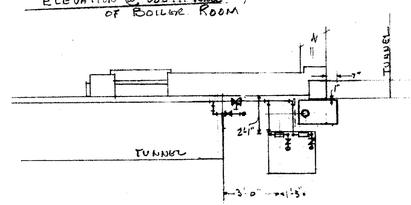
Change intake duct to 18" round thru wall into a 20" square plenum x 12" deep with 14 x 12 duct as original with 12 x 12 opening in plenum.

Fire damper shall be #12 gauge and either weighted or offset shaft and close against air flow and spring catch shall damper closed.

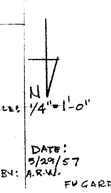
Connect fan to clean up circuit for 3 phase power Electrical contractor to provide 3 phase Electrical service for fan.

All information regarding technical data in transformer vault consult Commonwealth Edison Co.
Specifications - S-10510
Drawing No. TV-SK-10





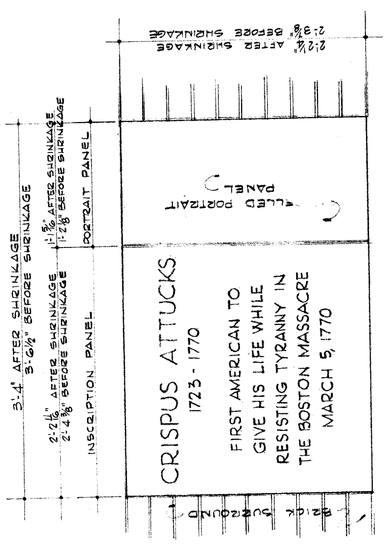
'Certification of Authenticity for purpose of Microfilming.'
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director



PIPING DIAGRAM
ILLUSTRATING ITEM 9 ADDENDUM # 1 PAGE AD-3
OF SPECIFICATIONS FOR
CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION - CITY OF CHICAGO
FUGARD, BURT, WILKINSON & ORTH - ARCHITECTS SHT. Nº 303

DATE: 5/29/57
BY: A.R.W.

JOB Nº 922



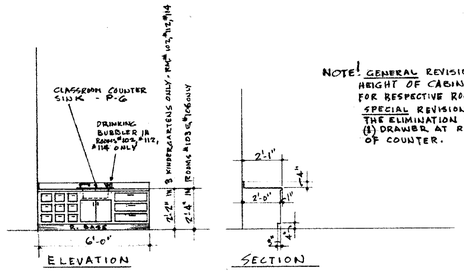
KEY DETAIL - MEMORIAL TABLET
CRISPUS ATTUCKS ELEMENTARY SCHOOL

FUGARD, BURT, WILKINSON & ORTH ARCHITECTS
MARCH 6, 1957

SHT. Nº 103
COMM. Nº 1048

REVISION TO WOOD CABINET
IN ROOMS #102, #103, #106, #112, #114

CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION - CHICAGO
FUGARD, BURT, WILKINSON & ORTH - ARCHITECTS
520 N. MICHIGAN AVE. CHICAGO
DATE: 3/20/57 BY: J.T.S.

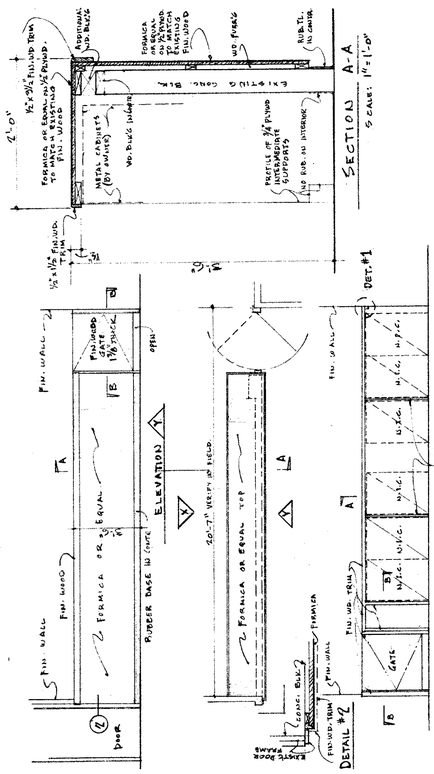


NOTE! GENERAL REVISION IN HEIGHT OF CABINET FOR RESPECTIVE ROOMS.
SPECIAL REVISION IN THE ELIMINATION OF ONE (1) DRAWER AT RIGHT OF COUNTER.

REVISED WOOD CABINET DETAILS
(5 REQUIRED THUS)
SCALE: ¼"=1'-0"

DISTRIBUTION
☐ J.J. DUFFY CO.
☐ GAZIN & VALENTINE

DRWG Nº 107

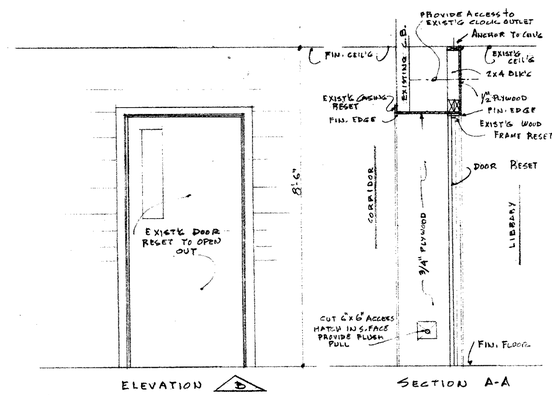


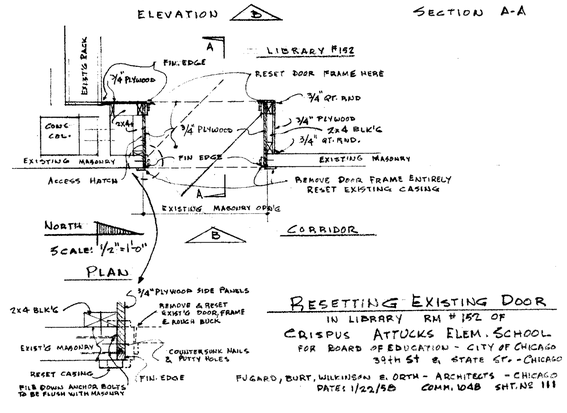
REVISED COUNTER DETAILS
GENERAL OFFICE # 144

CRISPUS ATTUCKS ELEMENTARY SCHOOL
39th & STATE ST. CHICAGO, ILLINOIS
RICHARD BURT WILKINSON & ORTH - ARCHITECTS

J.J. DUFFY CO.
BOARD OF EDUCATION

SHEET: NR 109
COMM: 1048

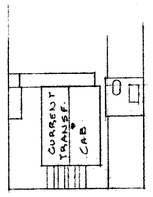


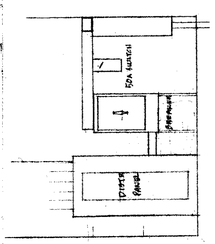


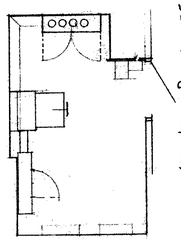
RESETTING EXISTING DOOR
IN LIBRARY RM # 182 OF
CRISPUS ATTUCKS ELEM. SCHOOL
FOR BOARD OF EDUCATION - CITY OF CHICAGO
39th ST & STATE ST. - CHICAGO

FUGARD, BURT, WILKINSON & ORTH - ARCHITECTS - CHICAGO
DATE: 1/22/58 COMM. 1048 SHT. Nº 111

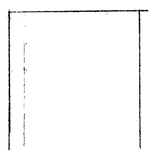
COMM. 1048
CRISPUS ATTUCKS ELEM. SCHOOL
JULY 24, 1957





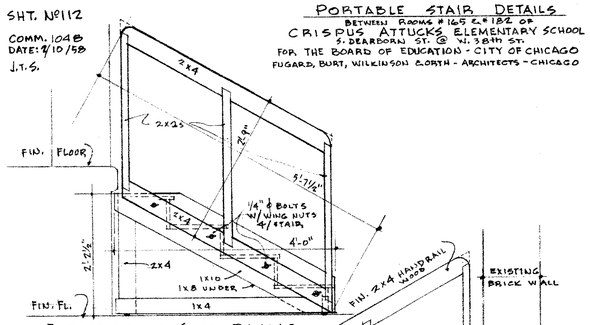


AS IS PLAN OF ELECT. EQUIP. ROOM
NORTH
SCALE: ¼"=1'-0"

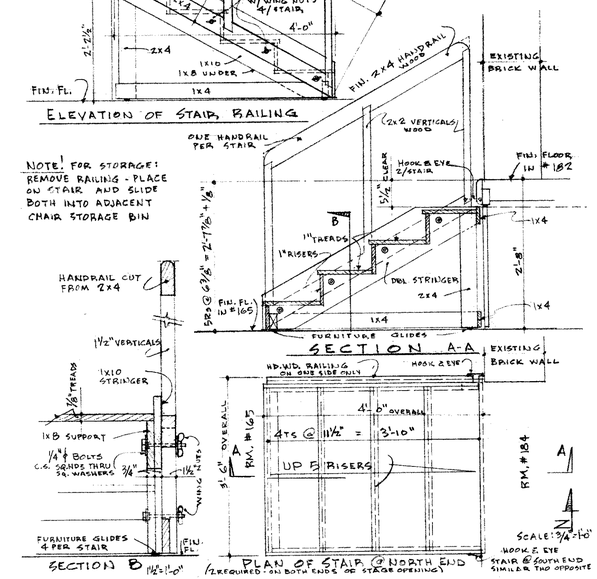


PORTABLE STAIR DETAILS
BETWEEN ROOMS #165 & #182 OR
CRISPUS ATTUCKS ELEMENTARY SCHOOL
S. DEARBORN ST. @ W. 38th ST.
FOR THE BOARD OF EDUCATION - CITY OF CHICAGO
FUGARD, BURT, WILKINSON & ORTH - ARCHITECTS - CHICAGO

SHT. Nº 112
COMM. 1048
DATE: 7/10/58
J.T.S.

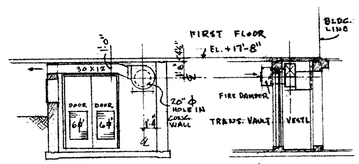


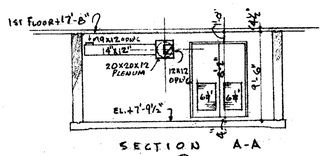
NOTE! FOR STORAGE: REMOVE RAILING - PLACE ON STAIR AND SLIDE BOTH INTO ADJACENT CHAIR STORAGE BIN

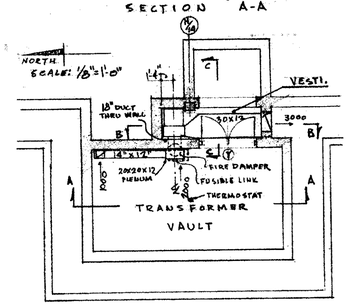


REVISIONS TO TRANSFORMER VAULT

CRISPUS ATTUCKS ELEMENTARY SCHOOL
BOARD OF EDUCATION - CHICAGO
FUGARD - BURT - WILKINSON - ORTH - ARCHITECTS
520 N. MICHIGAN AVE - CHICAGO
DATE: 2/12/57 BY: J.T.S.







DISTRIBUTION
☐ J.J. DUFFY
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☐ WAKEFIELD ELECT.
☐ STEEL CITY VENTL. CO
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DRWG Nº 302

SPECIAL NOTES:

Fan and Duct Work changes in Fan System for Commonwealth Edison Co. Electric Vault.

Change Fan E-13 from 910 CFM 1/4"SP 880 RPM Noise Isolation Hangers 1/4 HP 120 Volt 1 ϕ 60 cycle.

to

Clarage Fan #1 3/8 LS ready Unit 3000 CFM 500 RPM 3/8" SP Noise Isolation Hangers or Units on Angle Supports 3/4 HP 3 ϕ 60 cycle 208 Volt Motor, size #1 Magnetic starter.

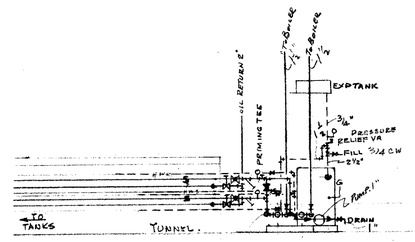
Change Discharge duct to Tunnel 30 x 12 from 9" x12"

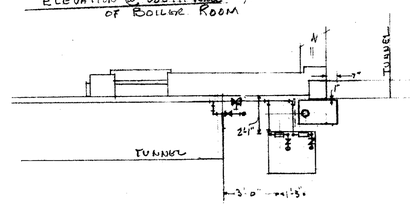
Change intake duct to 18" round thru wall into a 20" square plenum x 12" deep with 14 x 12 duct as original with 12 x 12 opening in plenum.

Fire damper shall be #12 gauge and either weighted or offset shaft and close against air flow and spring catch shall damper closed.

Connect fan to clean up circuit for 3 phase power Electrical contractor to provide 3 phase Electrical service for fan.

All information regarding technical data in transformer vault consult Commonwealth Edison Co.
Specifications - S-10510
Drawing No. TV-SK-10





'Certification of Authenticity for purpose of Microfilming.'
BOARD OF EDUCATION
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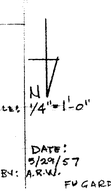

PIPING DIAGRAM
ILLUSTRATING ITEM 9 ADDENDUM # 1 PAGE AD-3
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DATE: 5/29/57
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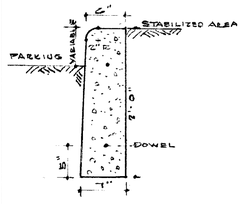
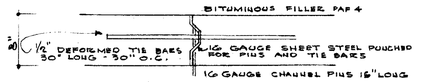
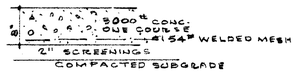
JOB Nº 922



CONCRETE CURB
SCALE 1"=1'-0"



LONGITUDINAL HINGED JOINT
FOR 8" CONC. SERVICE DRIVE



CONCRETE SERVICE DRIVE

SOUTH STATE STREET

LIMIT OF SITE WORK TO BE DONE IMMEDIATELY

EXISTING CONC. WALK

MEET GRADE OF RAMP
DRAIN DRIVE
TO CATCH BASINS

3½-4" ULMUS AMERICANA

7' CRATAEGUS CRUSGALLI

7' 2½" ULMUS CARPIN. SARNIENSIS

CITY PARK

NORTH LIMIT OF CONTRACT

LAWN

4" GLEDITSIA TRIACANTHOS

2-10' BASKET BALL BACKSTOPS

2-VOLLEY BALL POSTS & SLEEVES

OIL STORAGE TANK

4" POURED JOINT FILLER

SCHOOL BUILDING

1 ST. FLOOR GRADE 17.66
GRADE OUTSIDE BLDG. 17.16

NORTH UNIT

CENTER UNIT

SOUTH UNIT

NOTE: LANDSCAPE CONTRACTOR SHALL REMOVE SCREENINGS UNDER LAWN AREA AFTER OTHER BIT. AREAS ARE CONSTRUCTED

FUTURE ADDITION

TANBARK

CIRCULAR CLIMBER 45'-0"

8' SWING - 4 SEATS

6" VIT FARM TILE 2'-0" DEEP BACK FILLED WITH SAND

2"x8" WOOD CURB ON SIDES OF TANBARK AREA

PROPERTY LINE

WALK FROM BACK OF EXISTING CURB

THICKENED EDGE WALK

CONC. WHEEL STOP

NEW CURB AS DETAILED

WENTWORTH AVENUE

40-2½-3' LIGUSTRUM OBTUSIFOLIUM REGEL.

FLAGPOLE & BASE - UNDER BASE BID

7' CRATAEGUS CRUSGALLI

3½-4" ULMUS AMERICANA

SOUTH DEARBORN STREET

100-2½-3' LIGUSTRUM OBTUS. REGELIANUM

7' CRATAEGUS CRUSGALLI

NOTE: REMOVE BROKEN CURB & CONC. FROM SITE

36" NEW CURB (CITY STD)

LIMIT OF SITE WORK TO BE DONE IMMEDIATELY

CHICAGO HOUSING AUTHORITY PROJECT - STATEWAY GARDENS

NORTH

SCALE 1"=30'-0"

KEY

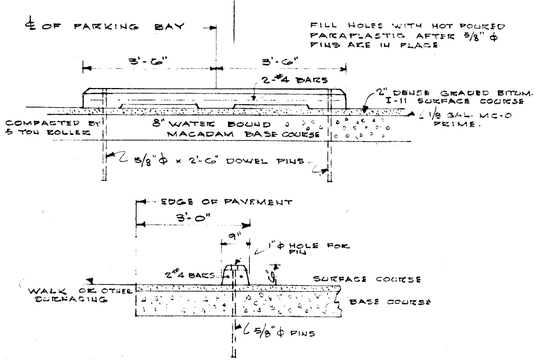
- BITUMINOUS PARKING AREA
- BITUMINOUS WALKS OR PLAY GROUNDS
- STABILIZED AREAS
- CONCRETE SERVICE DRIVE
- 6" VITRIFIED FARM TILE UNDER TANBARK TO C.B.
- TANBARK AREA
- LAWN WHERE INDICATED
- 4' CHAIN LINK FENCE
- CONCRETE WALKS (CITY STANDARDS)
- NEW CONC. CURB
- 16.8 FINISH GRADES
- EXPANSION JOINTS IN CONC.
- EXISTING CATCHBASINS
- EXISTING MANHOLES
- —S— STORM SEWER - EXIST.
- —E— ELECTRIC SERVICE - EXIST. DUCT
- —T— TELEPHONE SERVICE - EXIST. DUCT
- LONGITUDINAL HINGED JOINT

RECREATIONAL EQUIPMENT
1 - 8' SWING - 4 SEATS
1 - CIRCULAR CLIMBING STRUCTURE
2 - 10' BASKET BALL BACKSTOPS
2 - VOLLEY BALL POSTS & SLEEVES
1 - VOLLEY BALL NET

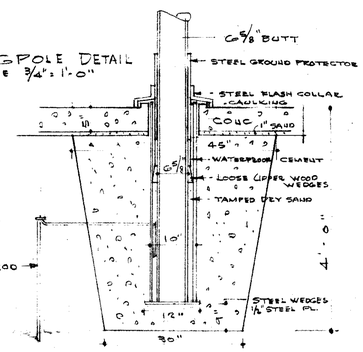
PLANT LIST

BOTANICAL NAME / COMMON NAME	CALIPER	HEIGHT (MIN.)	SPREAD (MIN.)	ROOTS SIZE	ROOTS TYPE	QUANTITY
TREES						
CRATAEGUS CRUSGALLI COCKSPUR HAWTHORN	-	7'	5'	18"	BB	7
GLEDITSIA TRIACANTHOS COMMON HONEYLOCUST	4"	12-14'	8'	40"	BB	11
ULMUS AMERICANA AMERICAN ELM	3½-4"	14-16'	6'	36"	BB	28
ULMUS CARPINIFOLIA SARNIENSIS WHEATLEYI ELM	2½"	10'	4'	24"	BB	7
SHRUBS						
LIGUSTRUM OBTUSIFOLIUM REGELIANUM REGELS BORDER PRIVET		2½-3'	-	12"	BR	140

BB - DENOTES ROOTS BALLED & BURLAPPED
BR - DENOTES ROOTS BARE



PRECAST CONCRETE WHEEL STOP
SCALE ½"=1'-0"



FLAGPOLE DETAIL
SCALE ¾"=1'-0"

CRISPUS ATTUCKS ELEMENTARY SCHOOL

Certification of Authenticity
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045 BOARD OF EDUCATION
5 BUREAU OF ARCHITECTURE
Director

DATE SEPT. 16, 1957	SITE IMPROVEMENTS - LANDSCAPE
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM NO 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET L-1
	PERKINS BURT WILKINSON & OLTH ARCHITECTS ATCHISON-FITZGERALD LANDSCAPE ARCHITECTS 520 N. MICHIGAN AVE. CHICAGO

ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS.	WALL	CEILING
101	STAIR HALL	A.T.	—	—	FACE B.	CONC.
102	KINDERGARTEN	A.T.	S.F.T.	—	CONC.B.	ATT. A.
103	CLASS ROOM	A.T.	4 F.T.	—	CONC.B.	ATT. A.
104	TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
105	TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
106	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT. A.
107	WARDROBE SPACE	A.T.	—	S.F.T.	CONC.B.	ATT. & SUSP.A.
108	TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
109	VESTIBULE	C.T.	—	S.F.T.	CONC.B.	ATT. A.
110	TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
111	WARDROBE SPACE	A.T.	S.F.T.	—	CONC.B.	ATT. & SUSP. A.
112	KINDERGARTEN	A.T.	—	S.F.T.	CONC.B.	ATT. A.
113	CORRIDOR	A.T.	—	S.F.T.	CONC.B.	SUSP. A. 8'-0"
114	KINDERGARTEN	A.T.	S.F.T.	—	CONC.B.	ATT. & SUSP. A.
115	WARDROBE SPACE	A.T.	—	S.F.T.	CONC.B.	ATT. & SUSP. A.
116	VESTIBULE	C.T.	—	S.F.T.	CONC.B.	ATT. A.
117	TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
118	STAIR HALL	Q.T.	—	—	FACE B.	ATT. A.
119	JANITOR'S CLOSET	C.T.	—	S.F.T.	CONC.B.	CONC.
120	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT. A.
121	CORRIDOR	A.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
122	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT. A.
201	STAIR HALL	A.T.	—	FACE B.	CONC.B.	SUSP.A. 10'-0"
202	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
203	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
204	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
205	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
206	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
207	CORRIDOR	A.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
208	GIRLS TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0"
209	JANITOR'S CLOSET	C.T.	—	S.F.T.	CONC.B.	SUSP.G. 8'-0"
210	BOYS TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0"
211	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
212	STORE ROOM	A.T.	—	S.F.T.	CONC.B.	SUSP.G. 8'-0"
213	STAIR HALL	A.T.	—	FACE B.	CONC.B.	SUSP.A. 10'-0"
214	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
215	CORRIDOR	A.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0"
216	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"

INDEX TO ABBREVIATIONS

A.T. ASPHALT TILE FLOORING
ATT. A. ATTACHED ACOUSTICAL TILE
ATT. G. ATTACHED GYPSUM BOARD
CONC. CONCRETE
CONC.B. CONCRETE MASONRY UNITS
C.T. CERAMIC TILE
FACE B. FACE BRICK
Q.T. QUARRY TILE
R. RUBBER BASE 4" HIGH
S.F.T. STRUCTURAL FACING TILE
SUSP.A. SUSPENDED ACOUSTICAL TILE (HEIGHT AS NOTED)
SUSP.G. SUSPENDED GYPSUM BOARD
SUSP.P. SUSPENDED PLASTER ON METAL LATH

SECOND FLOOR PLAN - SOUTH UNIT
SCALE: 1/8" = 1'-0"

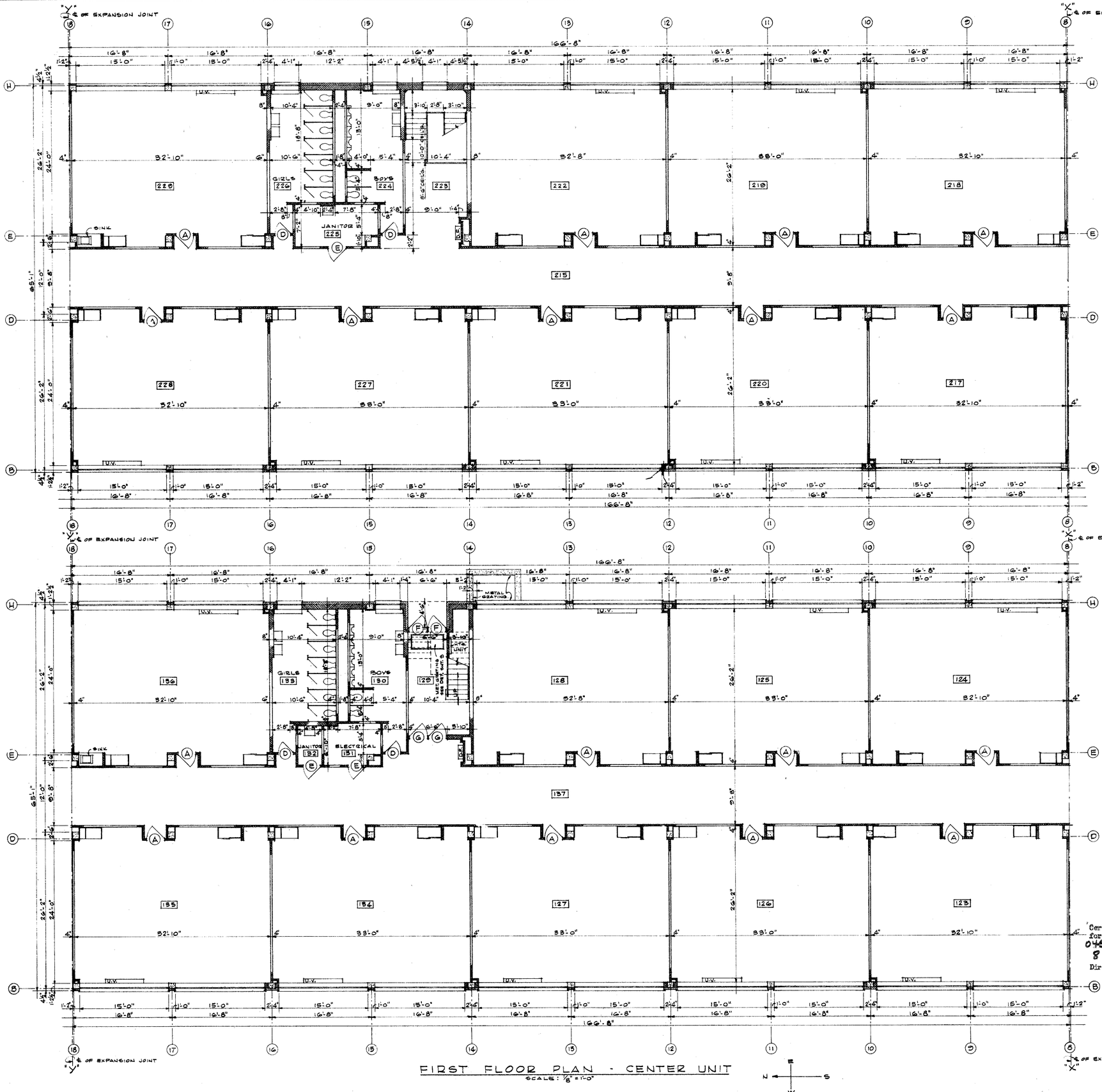
FIRST FLOOR PLAN - SOUTH UNIT
SCALE: 1/8" = 1'-0"

KEY PLAN

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956
REVISIONS OCT. 11, 1956 7/1/59 AS BUILT
JOB Nº 922

PLANS - SOUTH UNIT
CRISPUS ATTUCKS ELEMENTARY SCHOOL
COMM. NO. 1048
BOARD OF EDUCATION CITY OF CHICAGO
SHEET 1
FUGARD BURT WILKINSON & OETH ARCHITECTS
520 NORTH MICHIGAN AVE. CHICAGO



ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS.	WALL	CEILING
123	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
124	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
125	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
126	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
127	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
128	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
129	STAIR HALL	A.T.	—	S.F.T.	CONC.B.	ATT.A. 10'-0"
130	BOYS' TOILET	C.T.	—	S.F.T.	CONC.B.	ATT.A. 10'-0"
131	ELECTRICAL ROOM	CONC.	—	S.F.T.	CONC.B.	CONCRETE
132	JANITOR'S CLOSET	C.T.	—	S.F.T.	CONC.B.	ATT.G. 10'-0"
133	GIRLS' TOILET	C.T.	—	S.F.T.	CONC.B.	ATT. A. 10'-0"
134	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
135	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
136	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT.A. 10'-0"
137	CORRIDOR	A.T.	—	—	S.F.T.	CONC.B. ATT A. 10'-0"
215	CORRIDOR	A.T.	—	S.R.T.	CONC.B.	SUSP.A. 8'-6"
217	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
218	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
219	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
220	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
221	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
222	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
223	STAIR HALL	A.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0" & 8'-6"
224	BOYS' TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0"
225	JANITOR'S CLOSET	C.T.	—	S.F.T.	CONC.B.	SUSP.G. 10'-0"
226	GIRLS' TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0"
227	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
228	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
229	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"

NOTE! FOR INDEX TO ABBREVIATIONS SEE SHEET NO.

SECOND FLOOR PLAN - CENTER UNIT
SCALE: 1/8" = 1'-0"

FIRST FLOOR PLAN - CENTER UNIT
SCALE: 1/8" = 1'-0"

Certification of Authenticity for purpose of Microfilming.
045 8
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

KEY PLAN

DATE OCT. 10, 1956	PLANS - CENTER UNIT	
REVISIONS 2/9/59 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 2
	FUGARD BURT WILKINSON & OSTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS.	WALL	CEILING
137	CORRIDOR	A.T.	—	S.R.T.	CONC.B.	SUSP.A. 8'-0"
138	VESTIBULE	Q.T.	—	—	FACE B.	SUSP.A. 9'-8½"
139	TOILET	A.T.	R.	—	CONC.B.	SUSP.A. 8'-6"
140	CLOSET	A.T.	R.	—	CONC.B.	SUSP.A. 8'-6"
141	PRINCIPAL'S OFFICE	A.T.	R.	—	CONC.B.	ATT. A.
142	OFFICE STORAGE	A.T.	R.	—	CONC.B.	ATT. G.
143	WAITING SPACE	A.T.	R.	—	CONC.B.	ATT. A.
144	GENERAL OFFICE	A.T.	R.	—	CONC.B.	ATT. A.
145	NURSE'S OFFICE	A.T.	R.	—	CONC.B.	ATT. A.
146	TOILET	C.T.	S.R.T.	—	CONC.B.	SUSP.A. 8'-0"
147	FILE STORAGE	A.T.	R.	—	CONC.B.	ATT. G.
148	TOILET	C.T.	S.R.T.	—	CONC.B.	SUSP.A. 8'-6"
149	MEN FACULTY ROOM	A.T.	R.	—	CONC.B.	ATT. A.
150	ADJUSTMENT ROOM	A.T.	R.	—	CONC.B.	ATT. A.
151	LIBRARY WORK ROOM	A.T.	R.	—	CONC.B.	ATT. A.
152	LIBRARY	A.T.	R.	—	CONC.B.	ATT. & SUSP. A.
153	VESTIBULE	Q.T.	—	—	FACE B.	SUSP. A.
154	LOBBY	A.T.	—	—	FACE B.	SUSP. A. 8'-3½"
155	CORRIDOR	A.T.	—	—	FACE B.	SUSP. A. 8'-0"
156	BOILER ROOM	CONC.	—	—	CONC.B.	SUSP. R
157	ENGINEER'S OFFICE	A.T.	R.	—	CONC.B.	SUSP. G.
158	TOILET	A.T.	S.R.T.	—	CONC.B.	SUSP. G.
159	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	ATT. A.
160	FACULTY DINING ROOM	A.T.	—	S.F.T.	CONC.B.	SUSP. A. 8'-6"
161	SERVING KITCHEN	Q.T.	—	—	S.F.T.	SUSP. A. 8'-6"
162	DRY STORES	Q.T.	—	—	S.M.T.	CONCRETE
163	TOILET	Q.T.	—	—	S.F.T.	CONCRETE
164	STAIR HALL	A.T.	—	—	S.R.T.	ATT. A.
165	BOYS' GYMNASIUM	A.T.	—	FACE B.	CONC.B.	SEE DETAILS
166	DUCT SPACE	CONC.	—	—	CONC.B.	
167	TOILET	A.T.	—	—	S.F.T.	CONC.B. SUSP.A. 8'-0"
168	FACULTY ROOM	A.T.	R.	—	CONC.B.	SUSP. A. 8'-6"
169	GYMNASIUM STORAGE	A.T.	—	—	CONC.B.	CONCRETE
170	JANITOR STORAGE	CONC.	S.R.T.	—	CONC.B.	CONCRETE
171	BOYS' SHOWER	C.T.	—	—	S.R.T.	CONCRETE
172	BOYS' DRYING	C.T.	—	—	S.R.T.	CONCRETE
173	BOYS' LOCKER ROOM	C.T.	—	—	S.R.T.	CONCRETE
174	BOYS' TOILET	Q.T.	—	—	S.R.T.	CONCRETE
175	PASSAGE	A.T.	—	—	FACE B.	SUSP. A.
176	PHYS. ED. OFFICE	A.T.	—	—	FACE B.	SUSP. A. 8'-6"
177	PASSAGE	A.T.	—	—	FACE B.	SUSP. A. 10'-0"
178	GIRLS' TOILET	C.T.	—	—	S.R.T.	CONCRETE
179	GIRLS' LOCKER ROOM	C.T.	—	—	S.R.T.	CONCRETE
180	GIRLS' DRYING	C.T.	—	—	S.R.T.	CONCRETE
181	GIRLS' SHOWER	C.T.	—	—	S.R.T.	CONCRETE
182	GIRLS' GYMNASIUM	A.T.	—	FACE B.	CONC.B.	SUSP. R
183	VESTIBULE	Q.T.	—	—	FACE B.	SUSP. A.
184	CLOSET	A.T.	—	S.F.T.	CONC.B.	CONCRETE
185	INDUSTRIAL ARTS	A.T.	S.F.T.	—	CONC.B.	CONCRETE
186	HOME MAKING	A.T.	S.F.T.	—	CONC.B.	SUSP. A.

NOTE! FOR INDEX TO ABBREVIATIONS SEE SHEET NO. 1

GENERAL NOTES:

FOR BOILER ROOM DETAILS SEE SHEET NO. 11

FOR GYMNASIUM & LOCKER ROOM DETAILS SEE SHEET NO. 10

FOR KITCHEN & LIBRARY DETAILS SEE SHEET NO. 13

FOR VESTIBULE MET. GRATING DETAILS SEE SHEET NO. 9

KEY PLAN

FIRST FLOOR PLAN - NORTH UNIT

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

Certification of Authenticity for purpose of Microfilming. 045 9 BOARD OF EDUCATION BUREAU OF ARCHITECTURE Director

DATE OCT. 10, 1956	PLAN - FIRST FLOOR - NORTH UNIT	
REVISIONS OCT. 11, 1956 7/9/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 3
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

ROOM FINISH SCHEDULE

SPACE	DESIGNATION	FLOOR	BASE	WAINS.	WALL	CEILING
230	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
231	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
232	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
233	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
234	GIRLS' TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0"
235	JANITOR'S CLOSET	C.T.	—	S.F.T.	CONC.B.	SUSP.G. 8'-0"
236	BOYS' TOILET	C.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0"
237	MECHANICAL ROOM	CONC.	—	—	CONC.B.	CONCRETE
238	TOILET	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 8'-0"
239	WOMEN FACULTY ROOM	A.T.	R.	—	CONC.B.	SUSP.A. 10'-0"
240	STAIR HALL	A.T.	—	S.F.T.	CONC.B.	SUSP.A. 8'-0" & 10'-0"
241	CORRIDOR	A.T.	—	S.F.T.	CONC.B.	SUSP.A. 10'-0"
242	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"
243	CLASS ROOM	A.T.	S.F.T.	—	CONC.B.	SUSP.A. 10'-0"

NOTE! FOR INDEX TO ABBREVIATIONS SEE SHEET NO 1

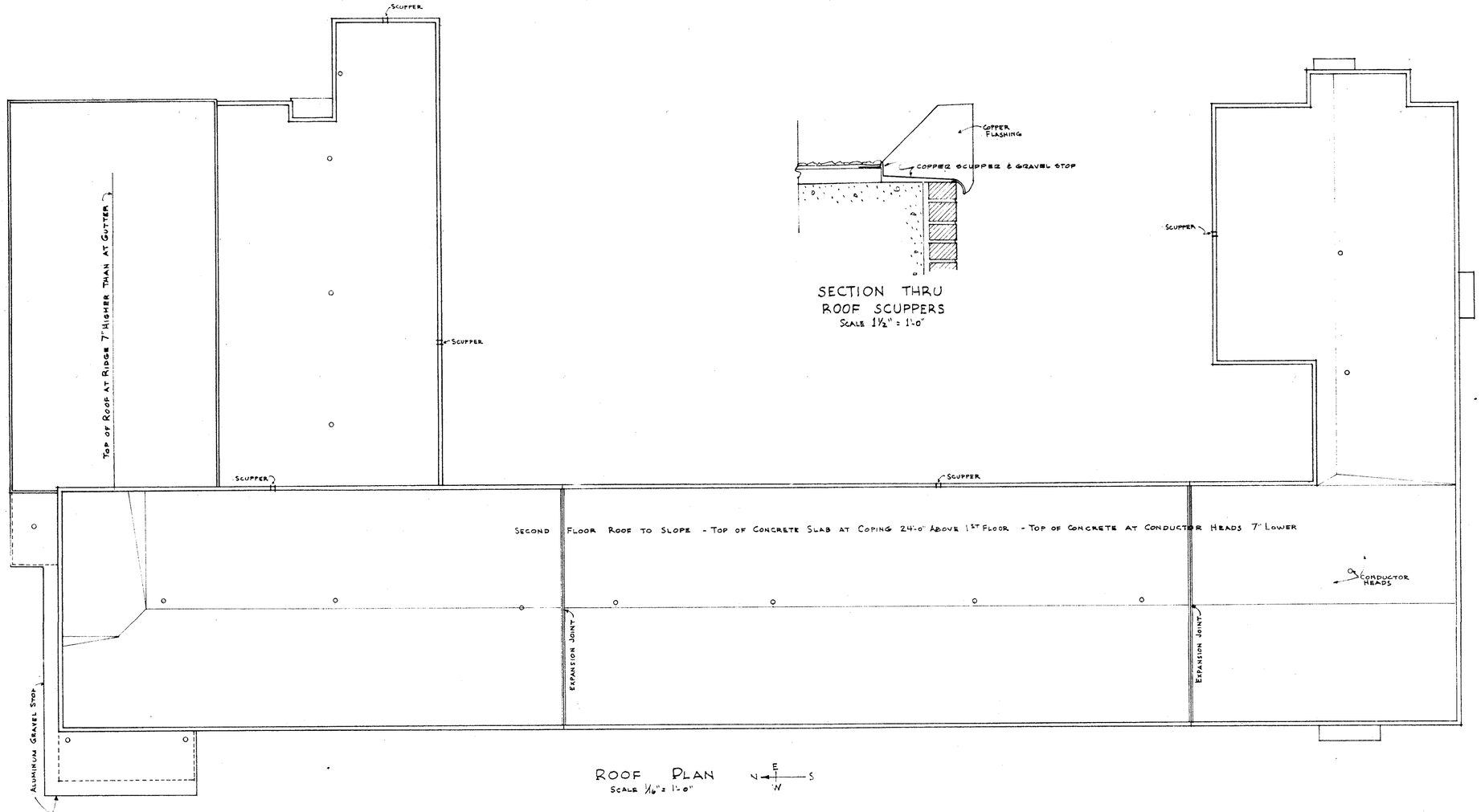
SECOND FLOOR PLAN - NORTH UNIT

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

KEY PLAN

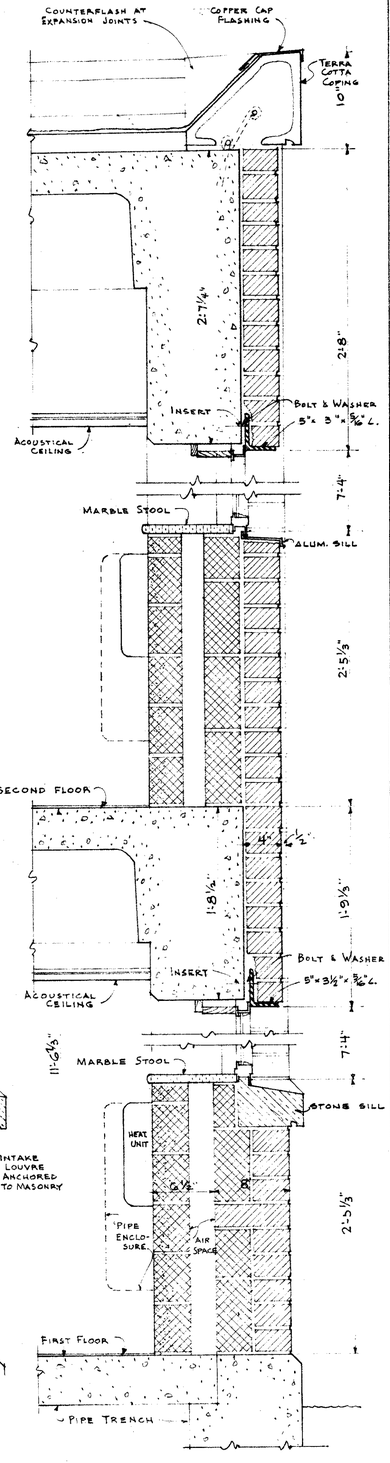
Certification of Authenticity for purpose of Microfilming. BOARD OF EDUCATION BUREAU OF ARCHITECTURE Director

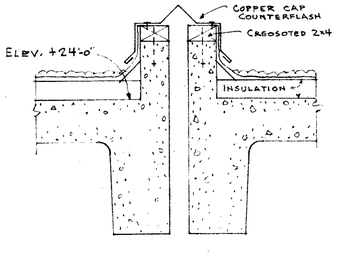
DATE OCT. 10, 1956	PLAN - SECOND FLOOR - NORTH UNIT	
REVISIONS 2/1/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 4
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	



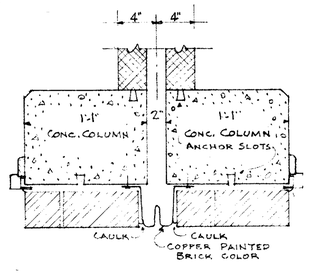
ROOF PLAN
SCALE 1/16" = 1'-0"

SECTION THRU
ROOF SCUPPERS
SCALE 1½" = 1'-0"



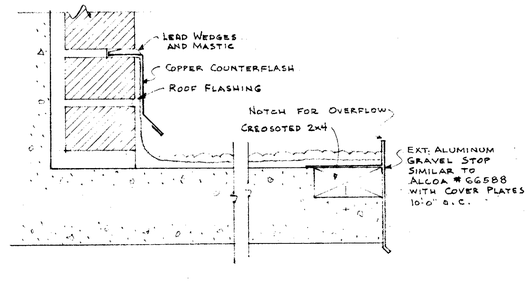


SECTION THRU
EXPANSION JOINTS
IN ROOF

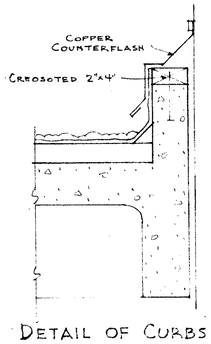


PLAN OF
EXPANSION JOINT
IN WALLS

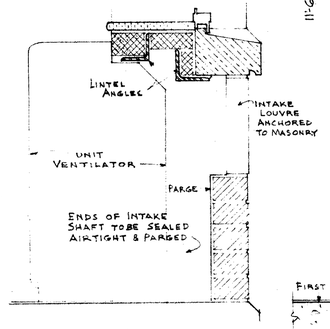
Scale 1½" = 1'-0"



SECTION THRU
CONCRETE CANOPIES
SIMILAR FOR ROOFS
OF SPACES 151 & 162
SCALE 3"=1'-0"



DETAIL OF CURBS AT
OPENINGS THRU ROOF
SCALE 1½" = 1'-0"

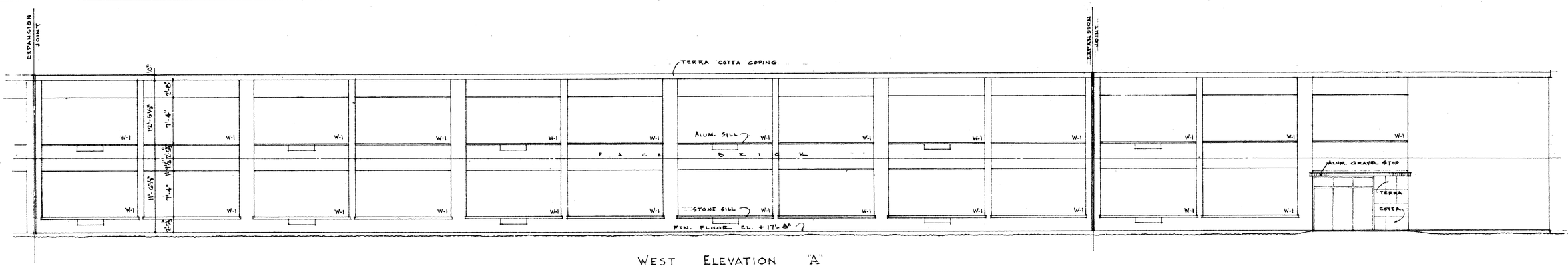


SECTION AT
UNIT VENTILATOR

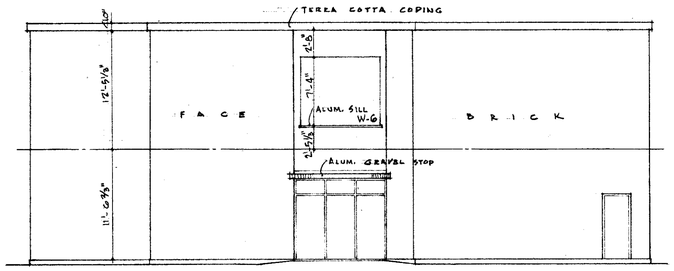
SECTION THRU TYPICAL
CLASSROOM WALL
SCALE 1½" = 1'-0"

Certification of Authenticity
for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	ROOF PLAN AND DETAILS
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	EUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO
	COMM. NO 1048
	SHEET 5



WEST ELEVATION "A"



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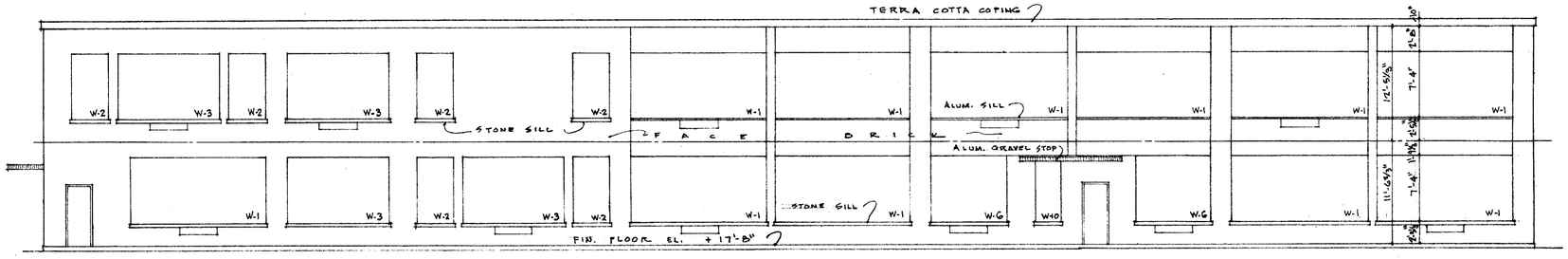
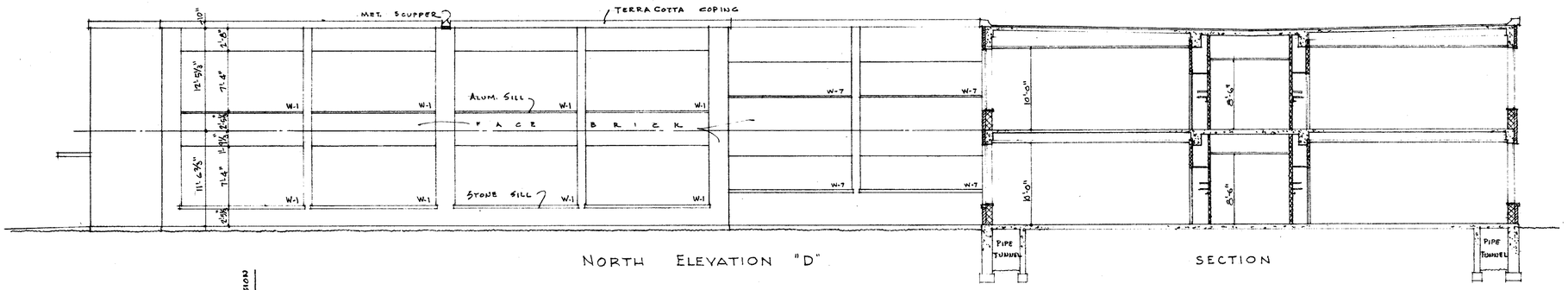
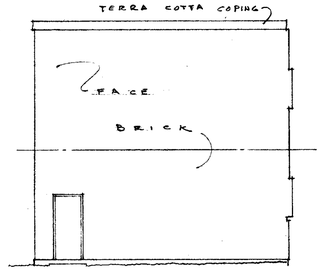


SOUTH ELEVATION "B"

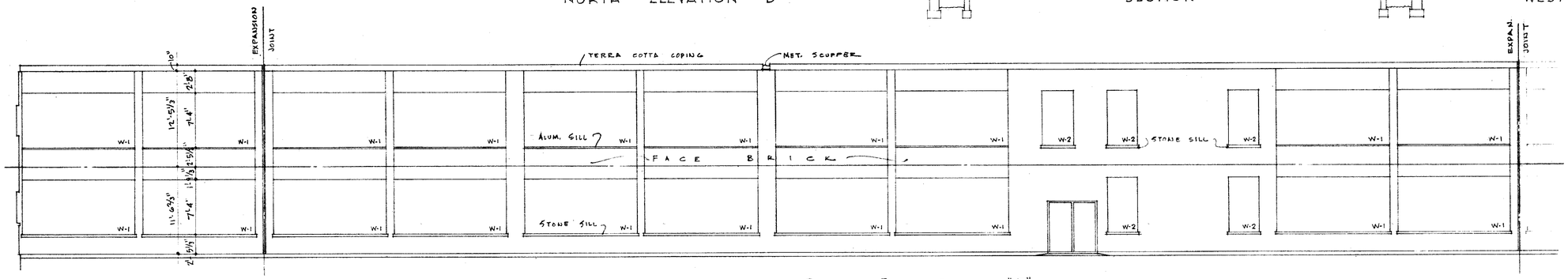


NORTH ELEVATION "D"

SECTION

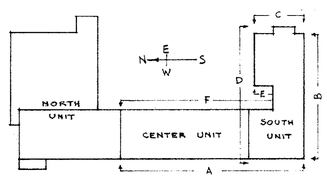


WEST ELEVATION "E"



EAST ELEVATION "F"

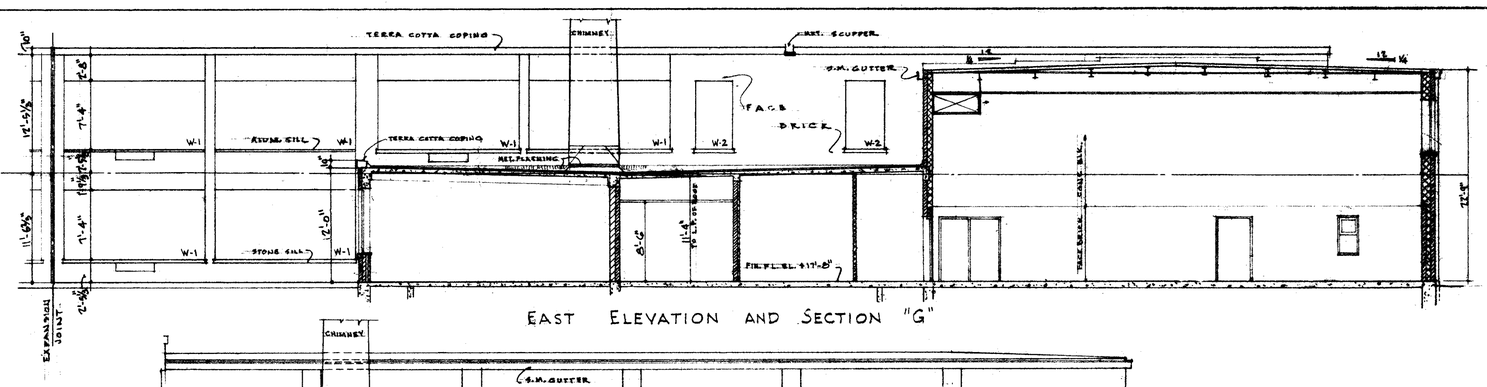
SCALE 1/8" = 1'-0"



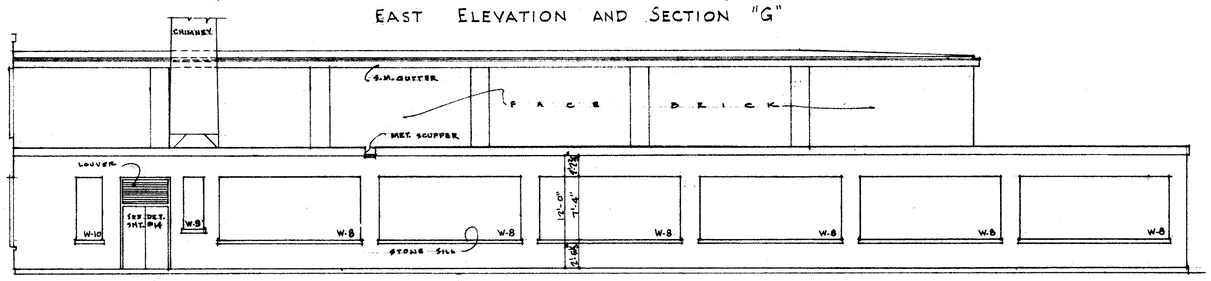
KEY PLAN

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	ELEVATIONS - SOUTH & CENTER UNITS	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 6
JOB Nº 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 320 NORTH MICHIGAN AVE. CHICAGO	



EAST ELEVATION AND SECTION "G"



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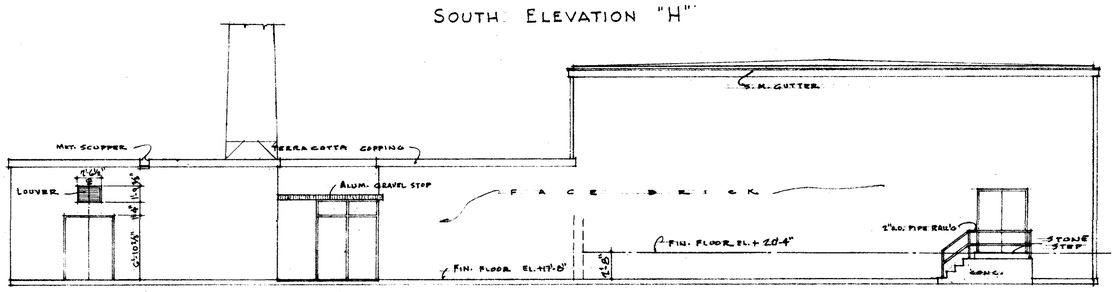
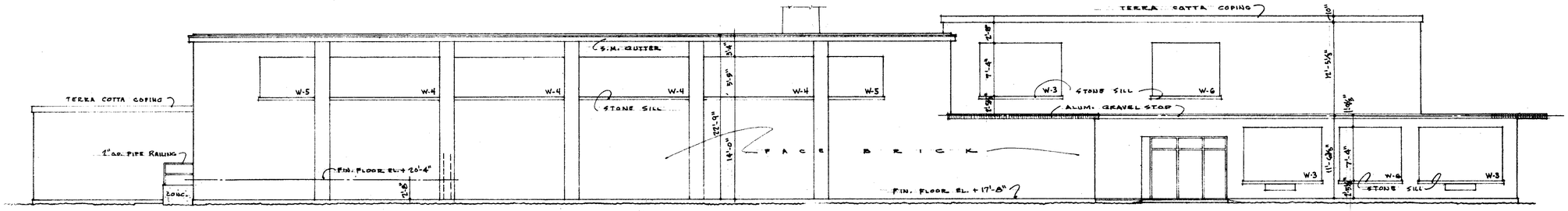
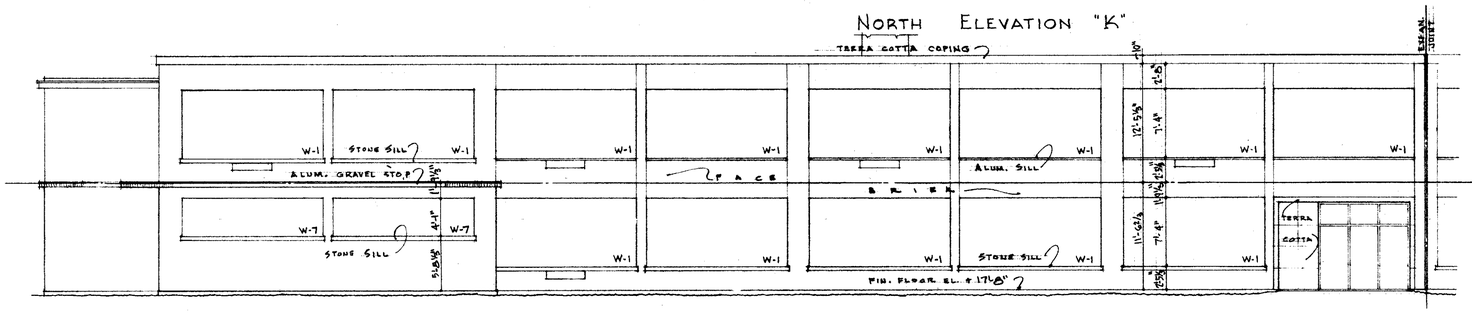


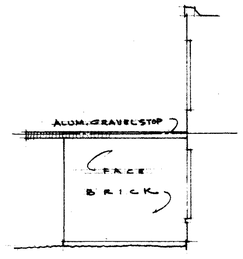
EAST ELEVATION "J"



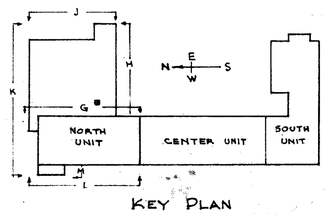
NORTH ELEVATION "K"



WEST ELEVATION "L"



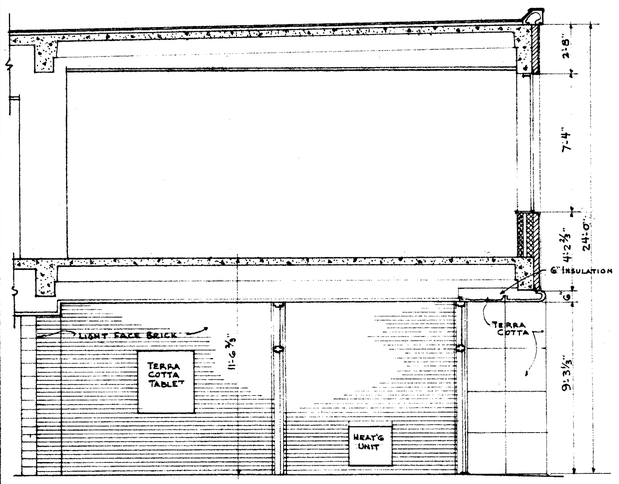
ELEVATION M



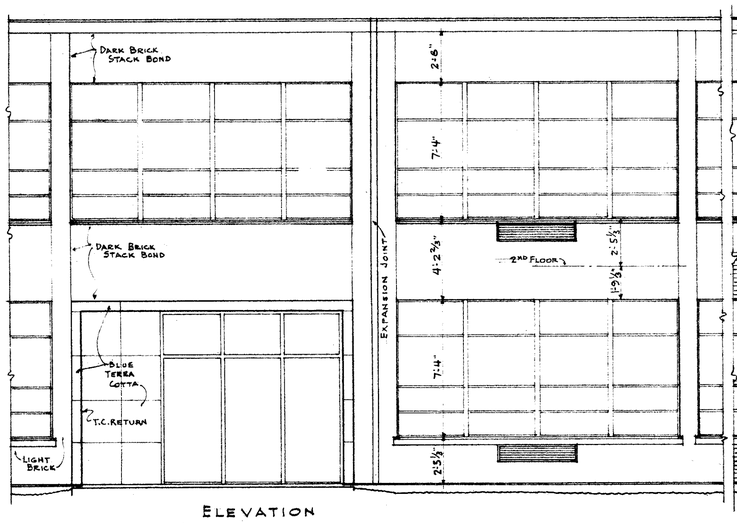
KEY PLAN

Certification of Authenticity for Purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	ELEVATIONS NORTH UNIT	
REVISIONS 2/9/59 As Built	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 7
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

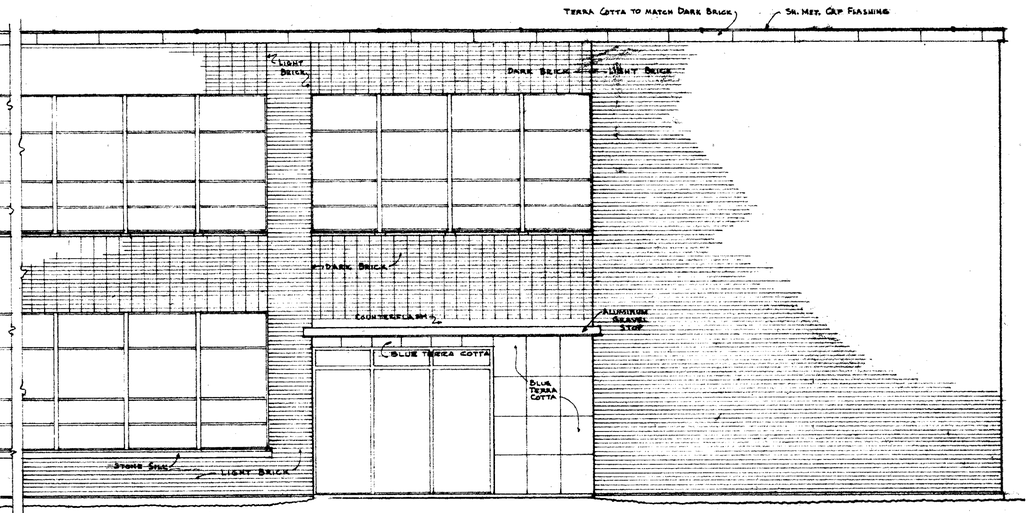


SECTION - LOOKING SOUTH

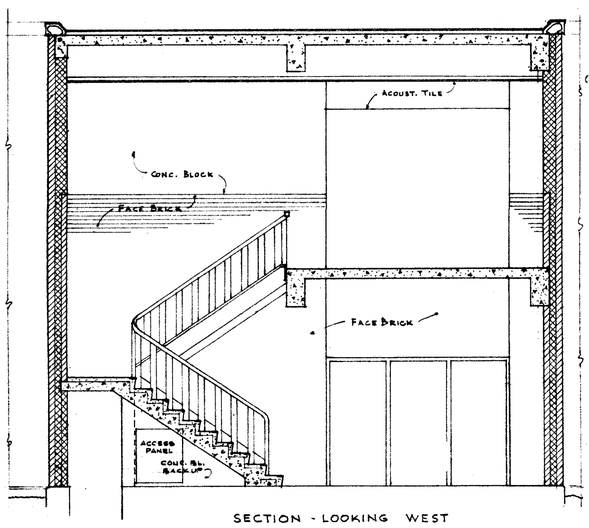


ELEVATION

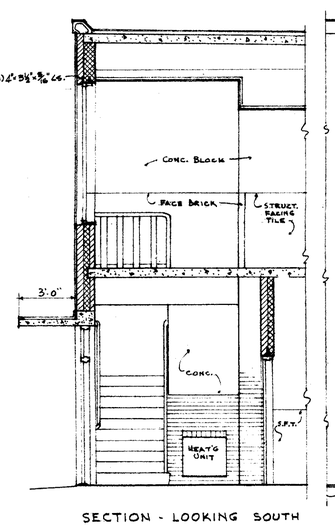
DETAILS OF ENTRANCE TO VESTIBULE # 138



ELEVATION ... TRANCE TO VESTIBULE # 118

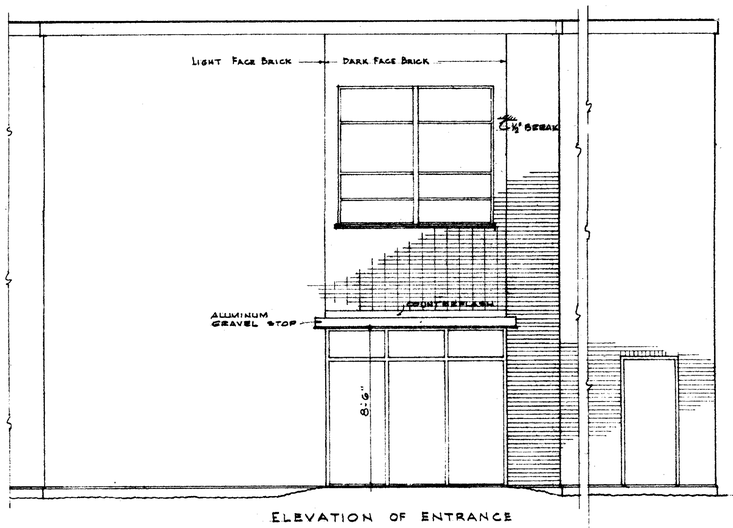


SECTION - LOOKING WEST



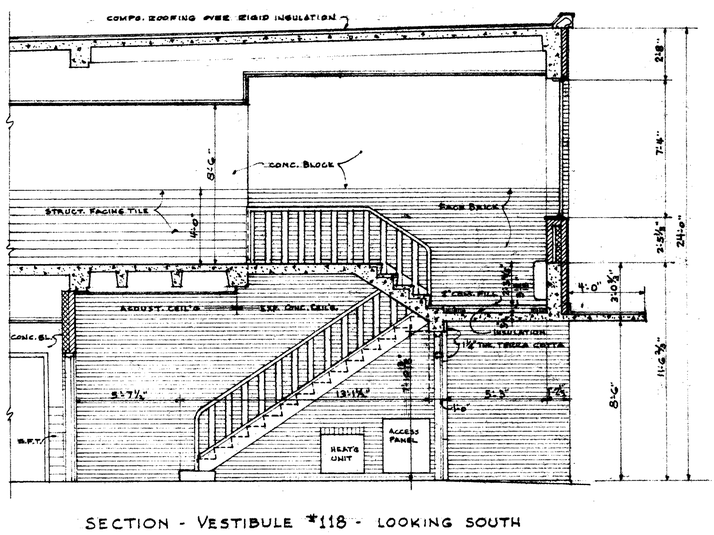
SECTION - LOOKING SOUTH

DETAILS OF STAIR HALL # 101

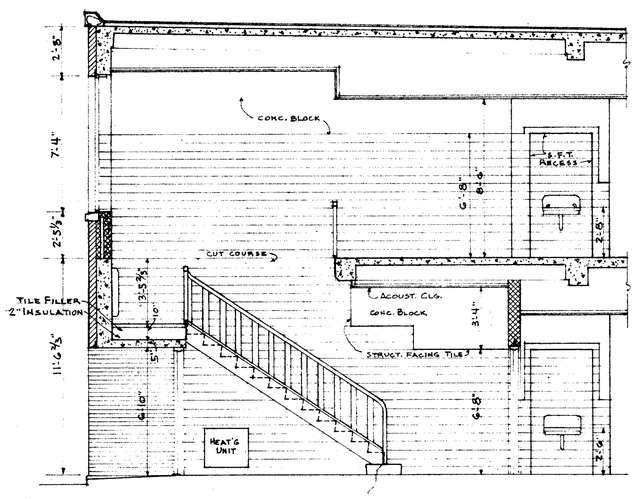


ELEVATION OF ENTRANCE

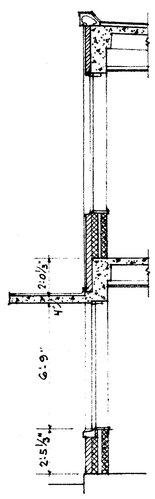
Scale 1/4" = 1'-0"



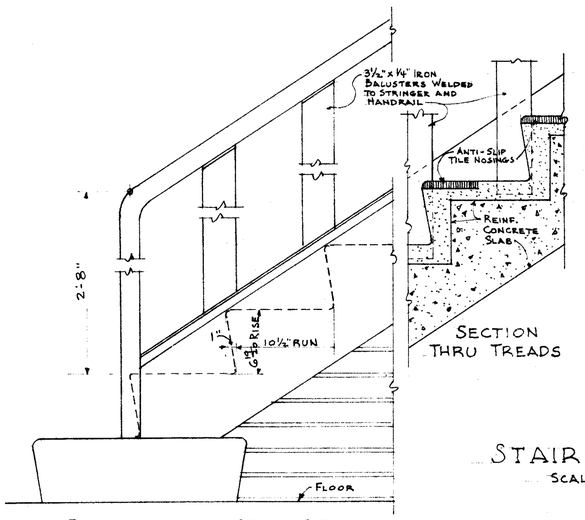
SECTION - VESTIBULE #118 - LOOKING SOUTH



SECTION - VESTIBULE #129 - LOOKING SOUTH

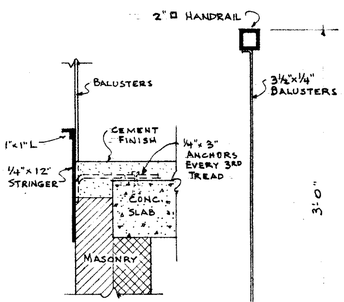


SECTION THRU WINDOW W-10
VESTIBULE #109



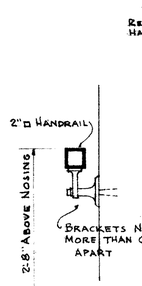
ELEVATION OF STAIR STRINGER AT FOOT OF STAIR

SECTION THRU TREADS

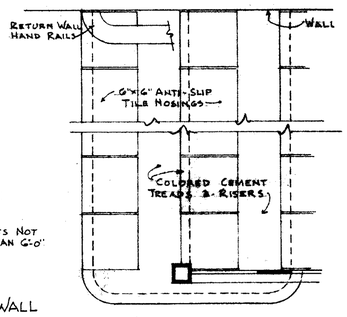


SECTION THRU STAIR STRINGER

SECTION THRU LEVEL RAIL



DETAIL OF WALL HANDRAIL - ALL STAIRS



PLAN AT FOOT OF OPEN STAIRS

STAIR DETAILS

Scale 1 1/2" = 1'-0"

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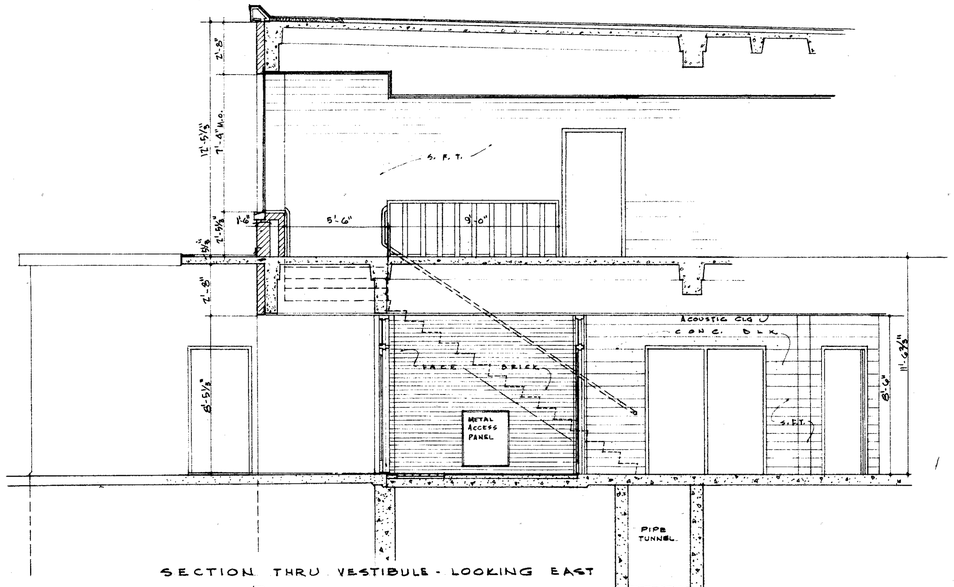
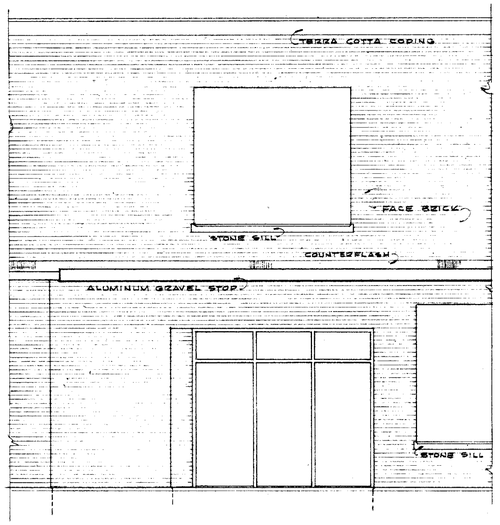
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	ENTRANCE AND STAIR DETAILS
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO — SHEET 8

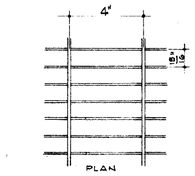


SECTION THRU VESTIBULE - LOOKING EAST

SCALE: ¼"=1'-0"

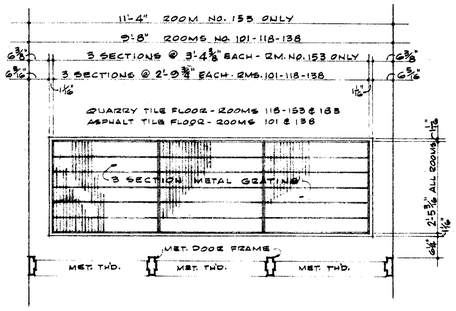


ELEVATION



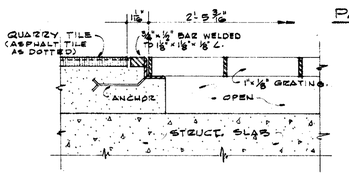
GRATING DETAIL

SCALE: 3"=1'-0"



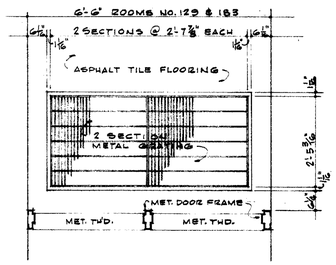
PARTIAL PLAN VEST'S. NO. 101-118-138-153

SCALE ½"=1'-0"



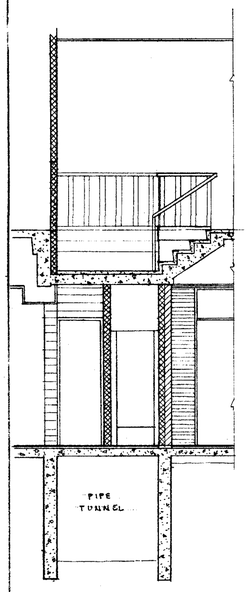
TYPICAL SECTION THRU VEST. DEPRESSION AT FRAME

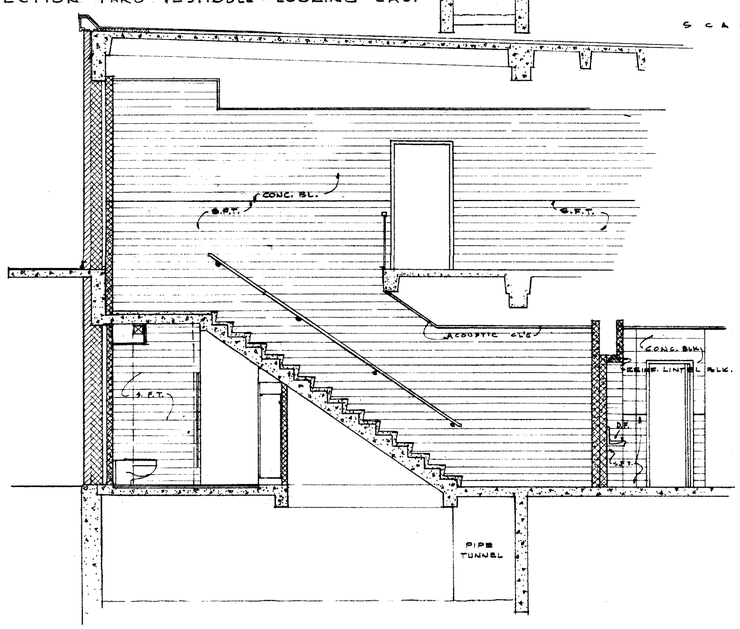
SCALE: 3"=1'-0"



PARTIAL PLAN VESTIBULES NO. 129-183

SCALE: ½"=1'-0"



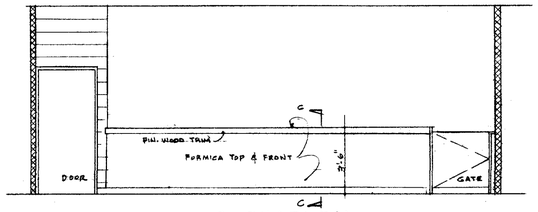


SECTION - LOOKING SOUTH

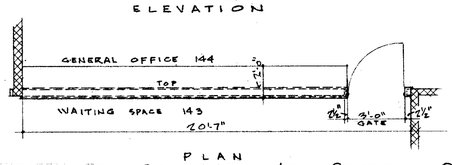
SECTION THRU STAIR - LOOKING EAST

DETAILS OF ENTRANCE TO VESTIBULE # 153

SCALE: ¼"=1'-0"



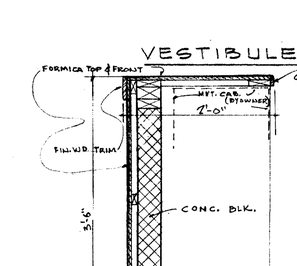
ELEVATION



PLAN

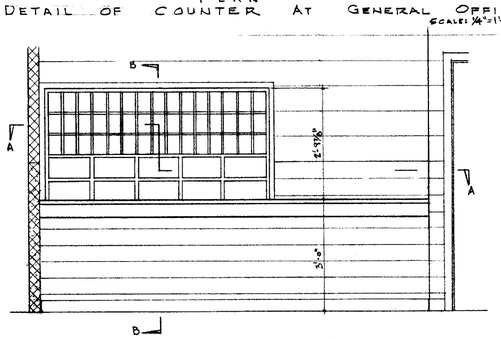
DETAIL OF COUNTER AT GENERAL OFFICE 144

SCALE: ¼"=1'-0"

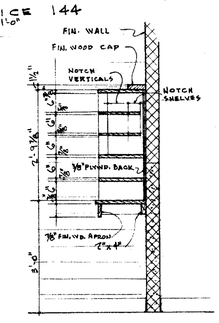


SECTION C-C

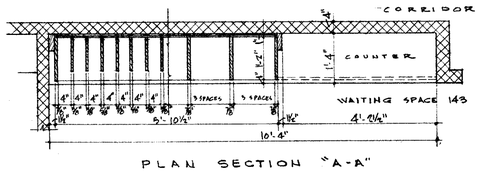
SCALE: 1"=1'-0"



ELEVATION



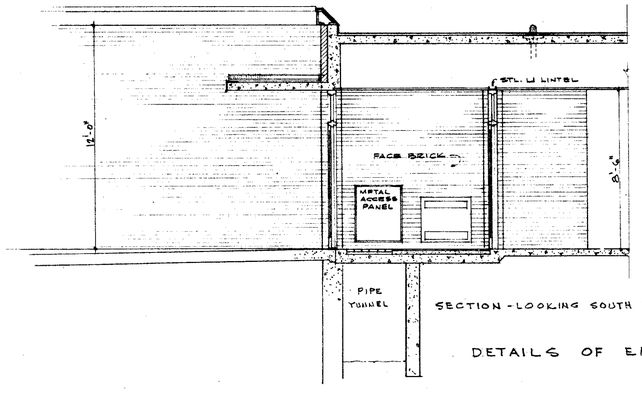
VERTICAL SECTION "B-B"



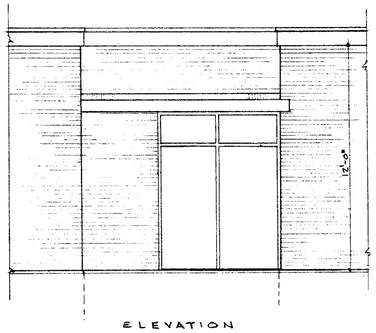
PLAN SECTION "A-A"

DETAILS OF LETTER CABINET IN WAITING SPACE 143

SCALE: ¼"=1'-0"



SECTION - LOOKING SOUTH



ELEVATION

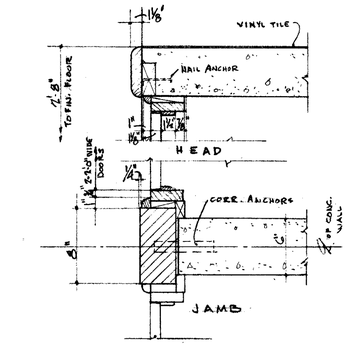
DETAILS OF ENTRANCE TO VESTIBULE #183

SCALE: ¼"=1'-0"

"Certification of Authenticity for purpose of Microfilming." BOARD OF EDUCATION BUREAU OF ARCHITECTURE

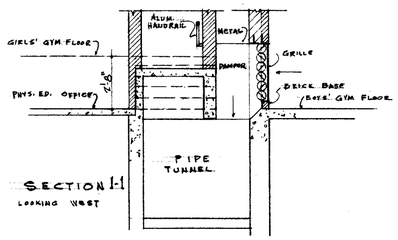
Director

DATE: OCT. 10, 1956	ENTRANCE AND MISCELLANEOUS DETAILS	
REVISIONS 5/1/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 9
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	



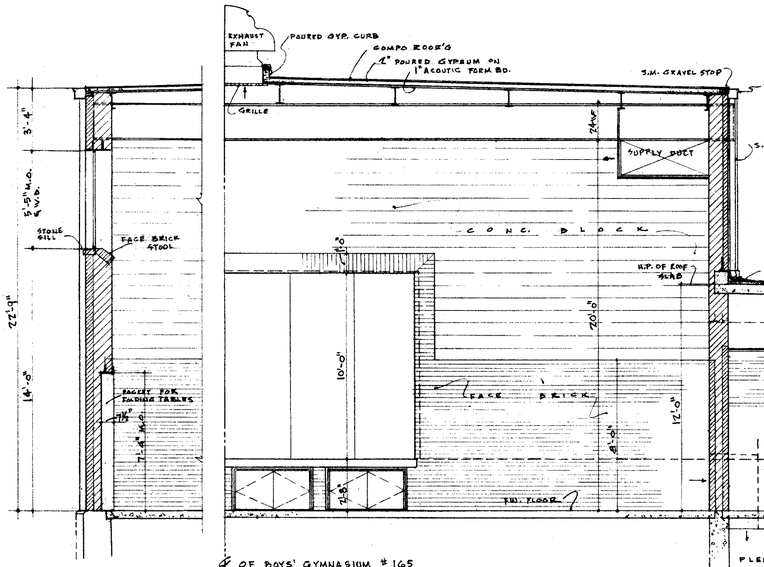
DETAILS OF DOORS & FRAME FOR CHAIR STORAGE BINS

SCALE: 1½"=1'-0"



SECTION 1-1

LOOKING WEST

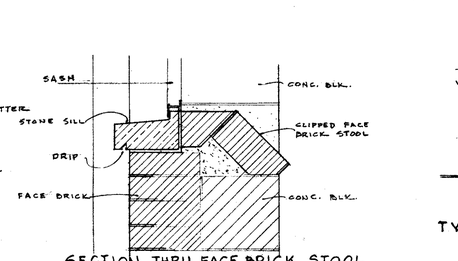


½ OF BOYS' GYMNASIUM #165

SECTION

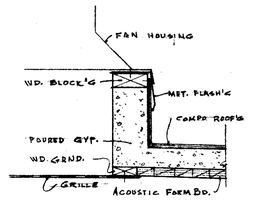
LOOKING EAST

SCALE: ¼"=1'-0"



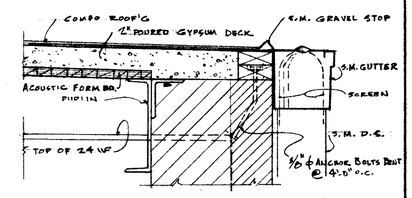
SECTION THRU FACE BRICK STOOL

SCALE: 1½"=1'-0"



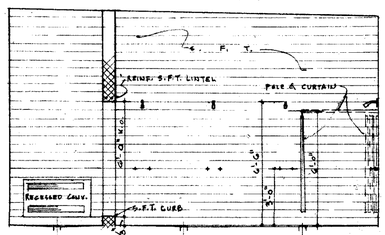
TYPICAL GYPSUM CURB

SCALE: 1½"=1'-0"

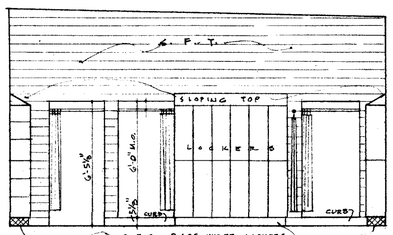


TYPICAL GUTTER DETAIL

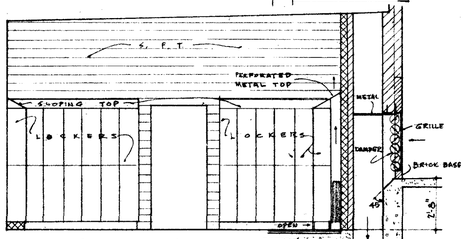
SCALE: 1½"=1'-0"



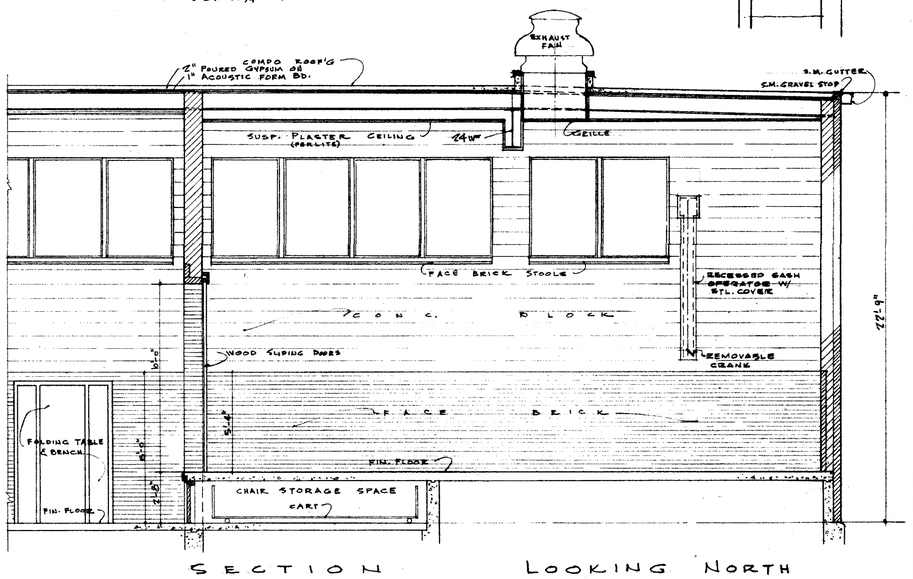
ELEV. A ROOMS #180 & #181



ELEV. B ROOM #179

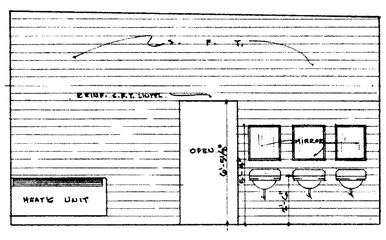


ELEV. C ROOM #179

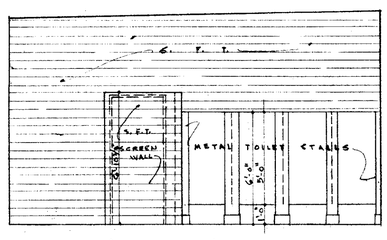


SECTION LOOKING NORTH

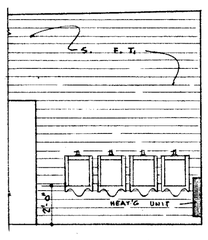
SCALE: ¼"=1'-0"



ELEV. A ROOM #178

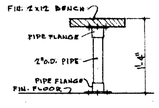


ELEV. E ROOM #178



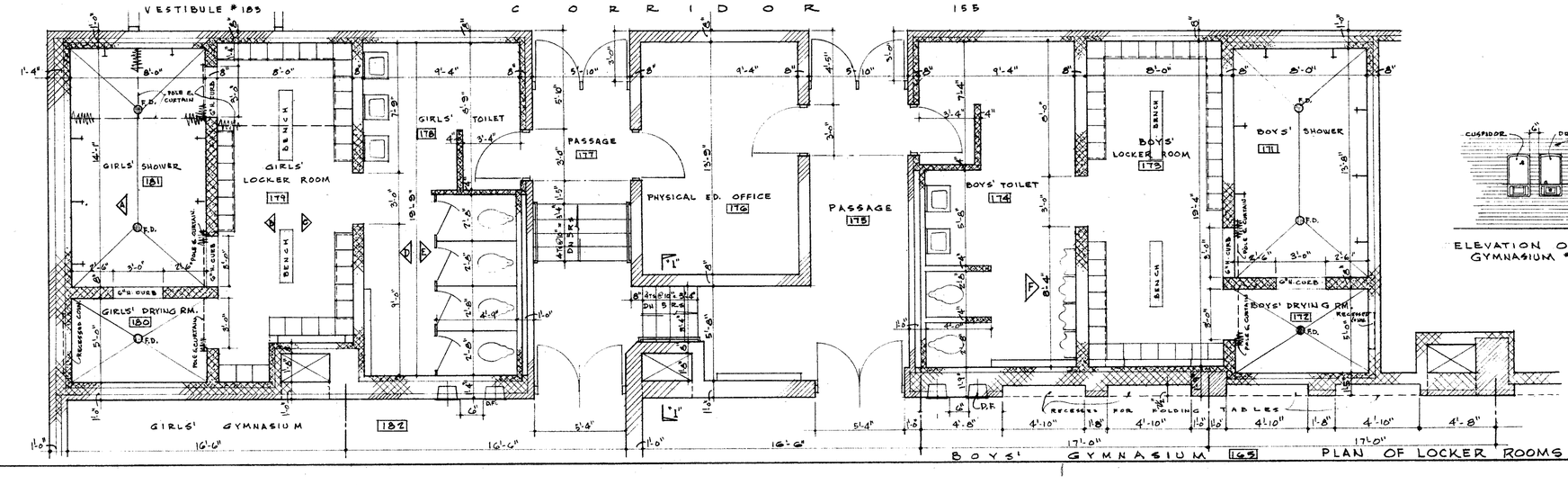
ELEV. A ROOM #174

SCALES 1/4"=1'-0"



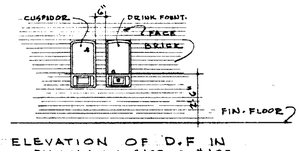
TYPICAL BENCH DETAIL

SCALE: ¾"=1'-0"



PLAN OF LOCKER ROOMS

SCALE: ¼"=1'-0"



ELEVATION OF D.F. IN GYMNASIUM #165 & #182

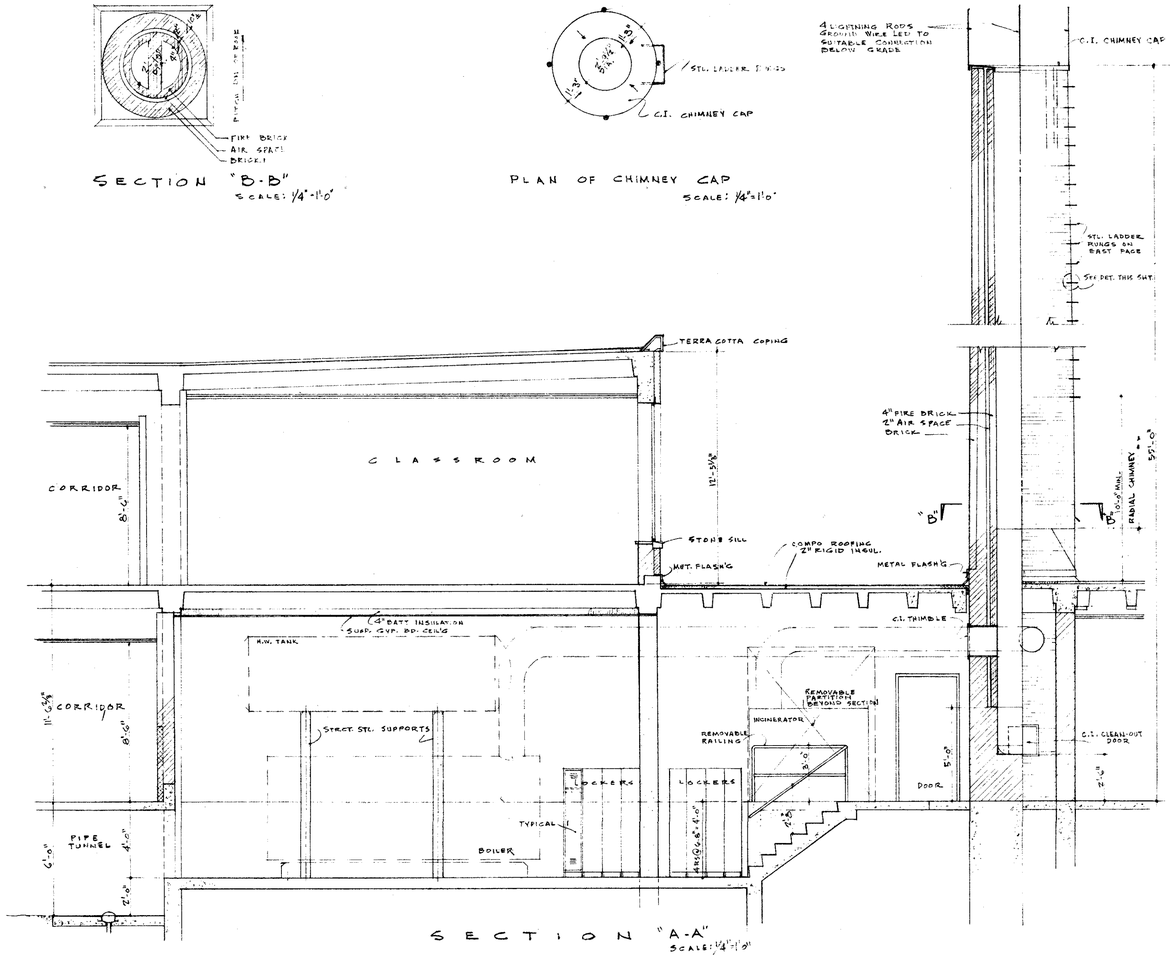
SCALE: ¼"=1'-0"

Certification of Authenticity for purpose of Microfilming
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

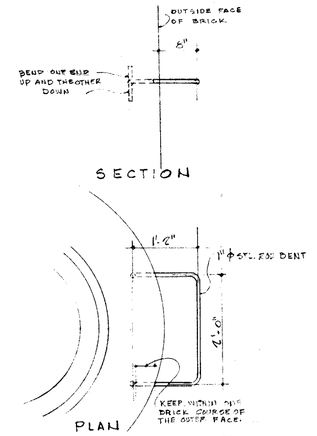
DATE: OCT. 10, 1956	GYMNASIUM & LOCKER ROOM DETAILS	
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 10
	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

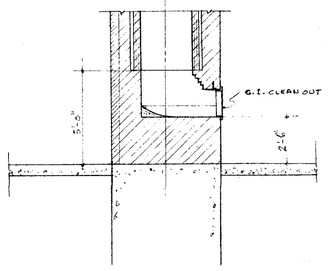
SECTION "B-B"
SCALE: 1/4"=1'-0"

PLAN OF CHIMNEY CAP
SCALE: 1/4"=1'-0"

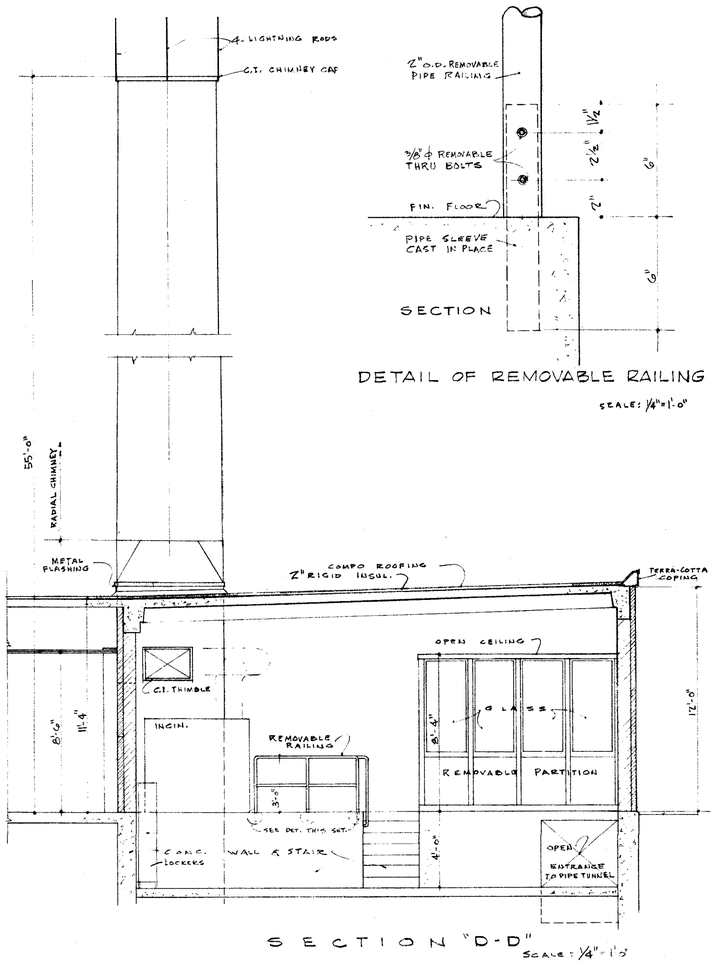


SECTION "A-A"
SCALE: 1/4"=1'-0"

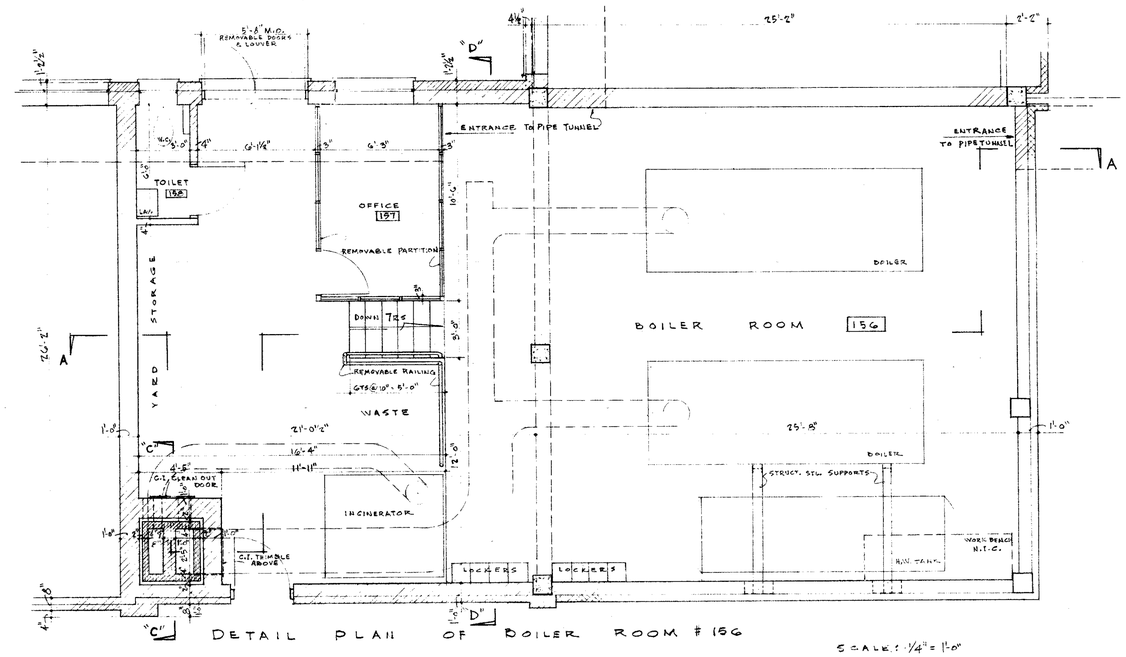




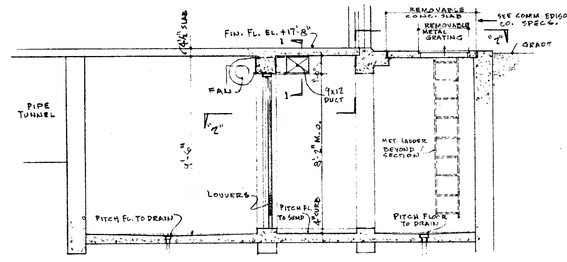
SECTION "C-C"
SCALE: 1/4"=1'-0"



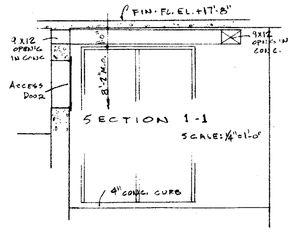
SECTION "D-D"
SCALE: 1/4"=1'-0"

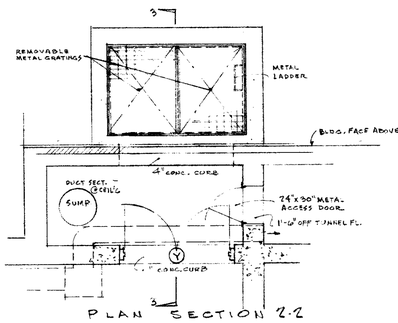


DETAIL PLAN OF BOILER ROOM # 156
SCALE: 1/4"=1'-0"

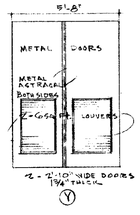


VERTICAL SECTION 3-3





PLAN SECTION 2-2



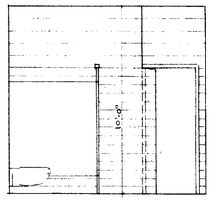
DOOR TYPES
SCALE: 1/4"=1'-0"

DETAILS OF ENTRANCE INTO TRANSFORMER VAULT
SCALE: 1/4"=1'-0"

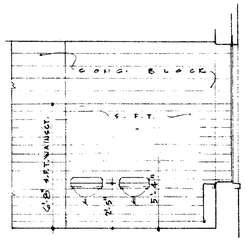
NOTE!
ENTIRE ENTRANCE AND ACCESS INTO AREA -
- REMOVABLE GRATING - METAL DOORS - TO BE AS PER SPECIFICATIONS OF COMM. EDISON CO. CONTRACTOR TO VERIFY SAME.

Certification of Authenticity
for purpose of Microfilming.
645 BOARD OF EDUCATION
17 BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	BOILER ROOM & TRANSFORMER VAULT DETAILS
REVISIONS 4/1/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	SHEET 11
	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO

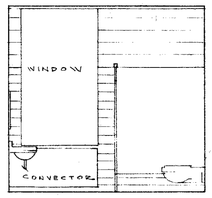


ELEV. A
ELEV. SIMILAR IN BOYS' TOILET RMS.

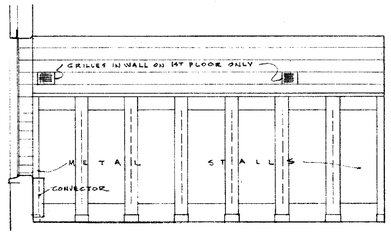


ELEV. B
ELEV. SIMILAR IN BOYS TOILET RMS.

G I R L S'

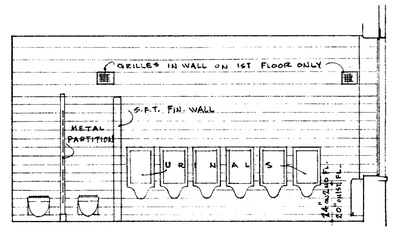


ELEV. C

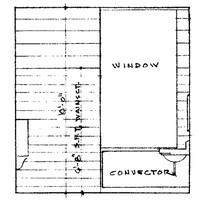


ELEV. D

T O I L E T R O O M S

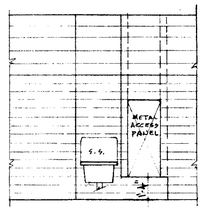


ELEV. E



ELEV F

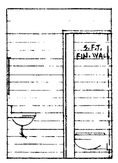
B O Y S' T O I L E T R O O M S



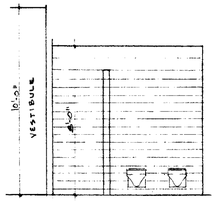
ELEV. G
ELEV. MAY VARY SEE 1/8" SCALE PLANS

J A N I T O R C L O S E T

ELEV. H

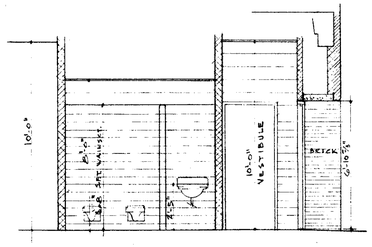


ELEV. J



ELEV. K

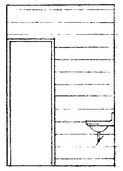
T O I L E T R O O M 108
TOILET ROOM 110 SIMILAR THO OPPOSITE



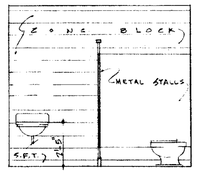
ELEV. L

ELEV M

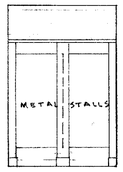
T O I L E T R O O M 117



ELEV. N

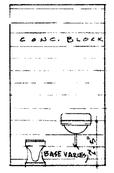


ELEV P



ELEV. R

T O I L E T R O O M 238

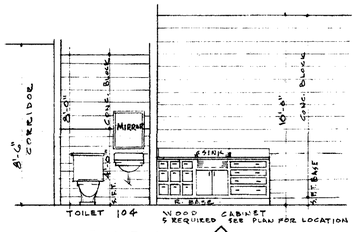


ELEV. S

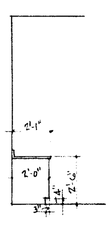
TYPICAL PRIVATE TOILET
SEE 1/8" SCALE PLANS FOR VARIATIONS

E L E V A T I O N S

SCALE : 1/4" = 1'-0"

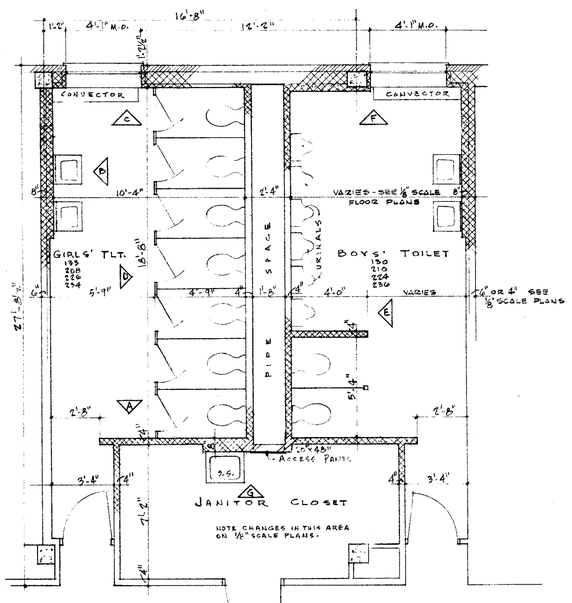


ELEV. T
TOILET ROOM 105 SIMILAR THO OPPOSITE

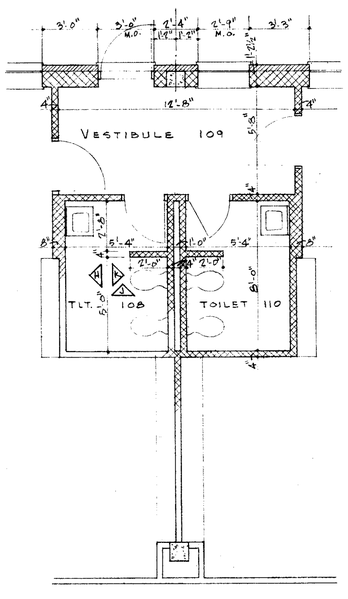


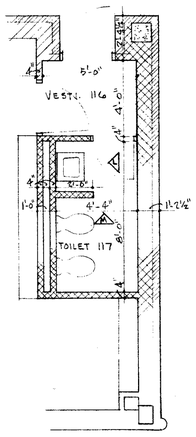
SECTION 1-1

SCALE: 1/4" = 1'-0"



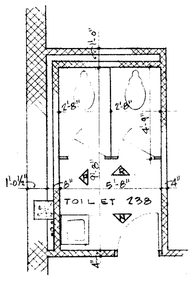
C O R R I D O R

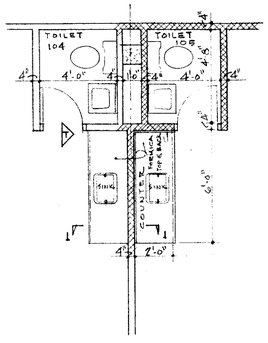


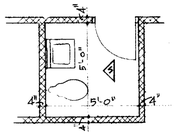


D E T A I L P L A N S F O R V A R I O U S T O I L E T R O O M S

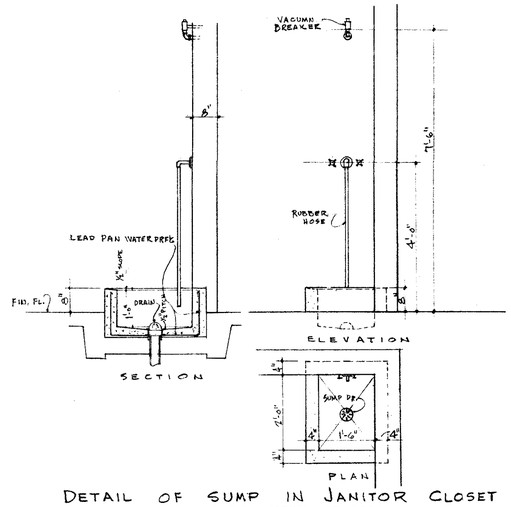
SCALE : 1/4" = 1'-0"





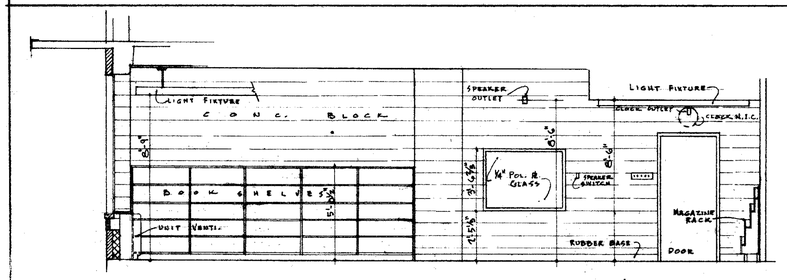


TYPICAL PRIVATE TOILET
ROOMS 139, 146, 148, 167

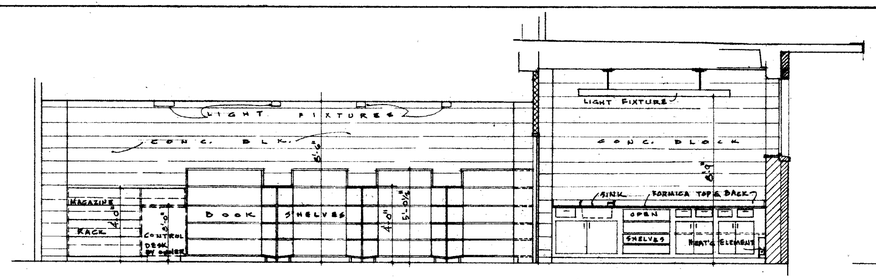


DETAIL OF SUMP IN JANITOR CLOSET 170
IN S.E. CORNER OF ROOM

DATE: OCT. 10, 1956	TOILET ROOM PLANS, ELEVATIONS, SECTIONS
REVISIONS 2/1/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
JOB NO. 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET 12
	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 320 NORTH MICHIGAN AVE. CHICAGO

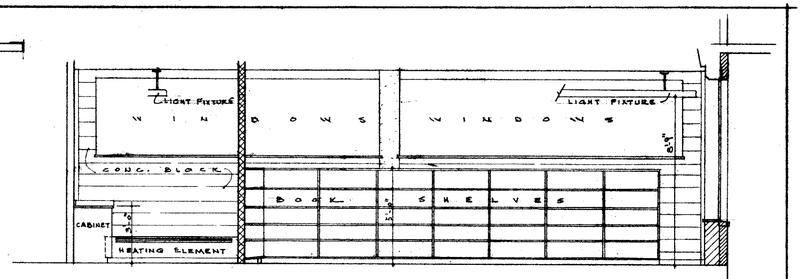


ELEVATION A

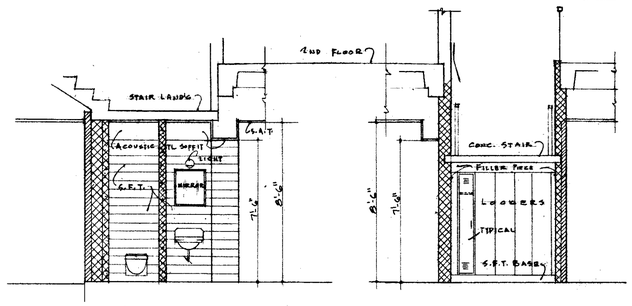


ELEVATION B

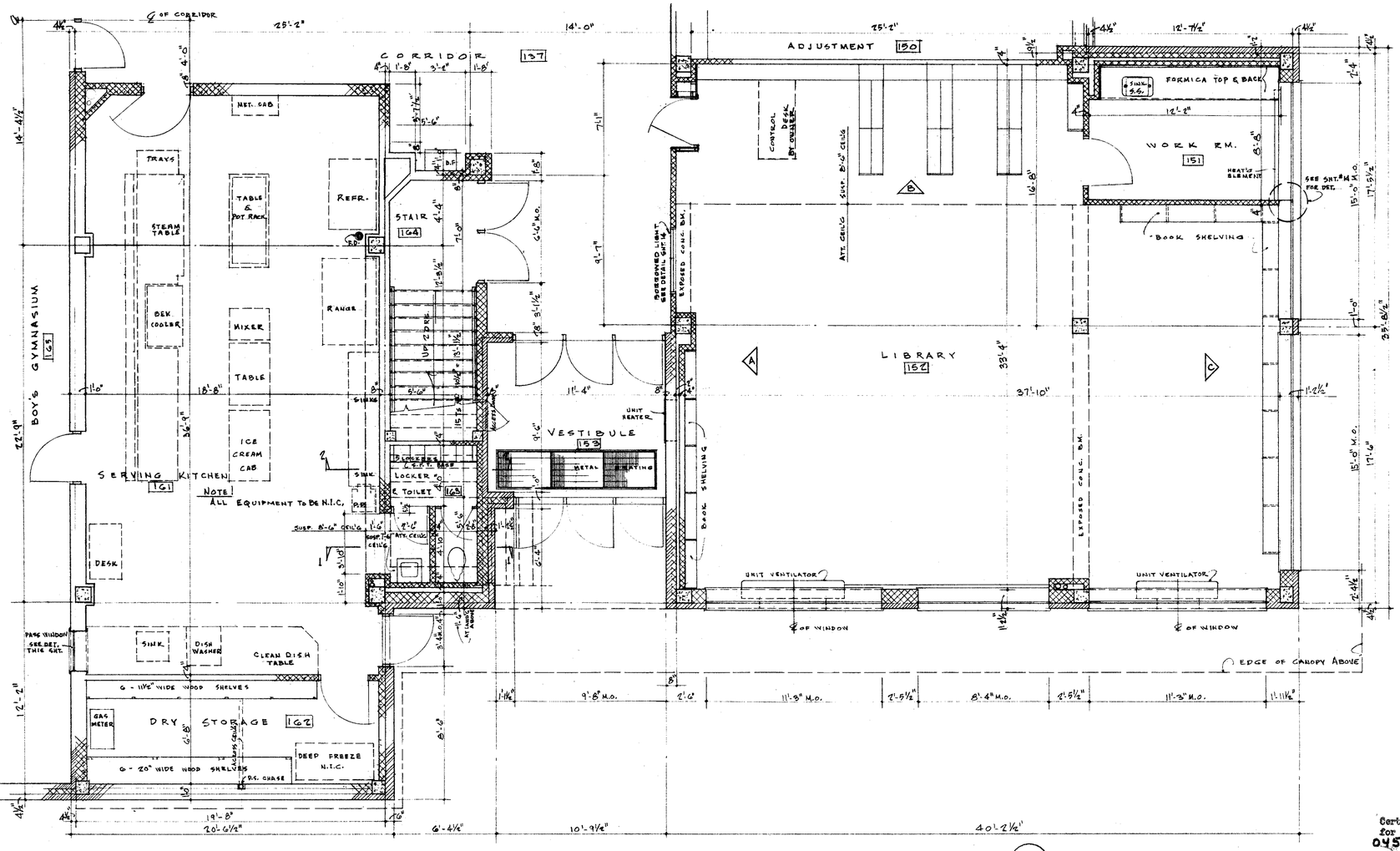
SCALE: 1/4" = 1'-0"



ELEVATION C

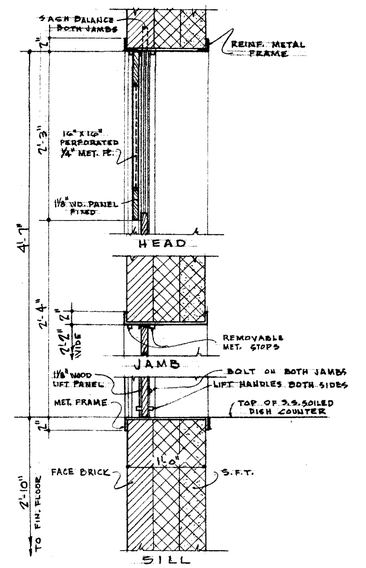


SECTION 1-1 SECTION 2-2



DETAIL PLAN OF KITCHEN AND LIBRARY

SCALE: 1/4" = 1'-0"

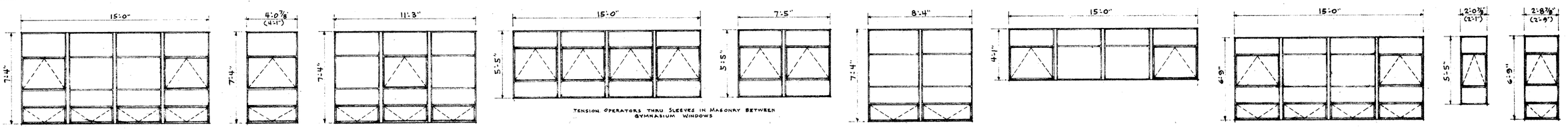


PASS WINDOW DETAILS

SCALE: 1" = 1'-0"

Certification of Authenticity for purpose of Microfilming. 045 19 BOARD OF EDUCATION BUREAU OF ARCHITECTURE Director

DATE: OCT. 10, 1956	KITCHEN & LIBRARY DETAILS
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	BOARD OF EDUCATION CITY OF CHICAGO
JOB No. 922	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO
	COMM. NO. 1048
	SHEET 13



W-1
4 @ 3'-6 7/8" + 3 MULLIONS

W-2

W-3
3 @ 3'-6 7/8" + 2 MULLIONS

W-4
4 @ 3'-6 7/8" + 3 MULLIONS

W-5
2 @ 3'-6 7/8" + 1 MULLION

W-6
2 @ 4'-0 7/8" + 1 MULLION

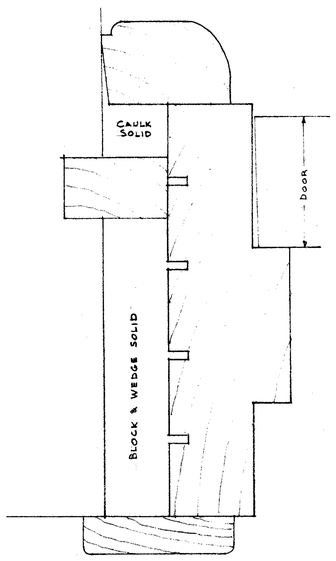
W-7
4 @ 3'-6 7/8" + 3 MULLIONS

W-8
4 @ 3'-6 7/8" + 3 MULLIONS

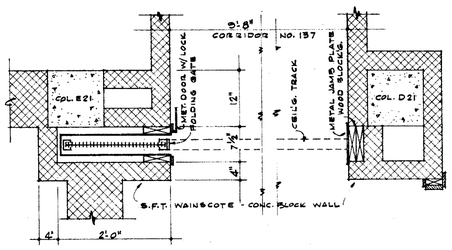
W-9

W-10

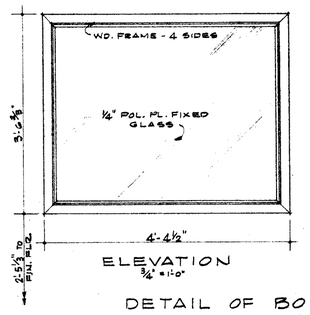
WINDOW SCHEDULE



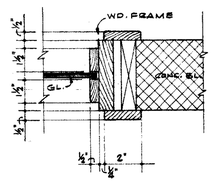
FULL SIZE JAMB SECTION
EXTERIOR WOOD DOORS



DETAIL PLAN OF FOLDING GATE
CORRIDOR NO. 137
SCALE: 3/4" = 1'-0"
NOTE! OMIT ABOVE DETAIL ENTIRELY

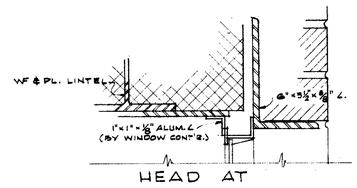


ELEVATION
3/4" = 1'-0"

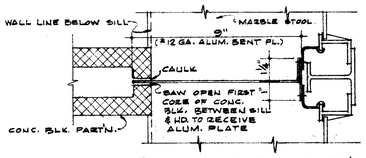


FRAME SECTION
3" = 1'-0"

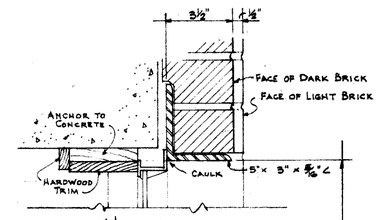
DETAIL OF BORROWED LIGHT
BETWEEN ROOMS 137 & 152
SCALE: AS NOTED



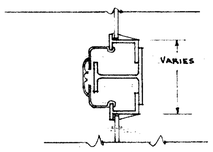
HEAD AT
GYMNASIUM WINDOWS



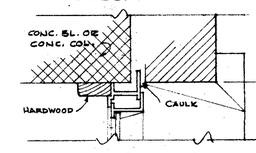
MULLION AT CONC. BLK. PART'N.
TYPICAL FOR ROOMS 141, 144, 145, 149, 151



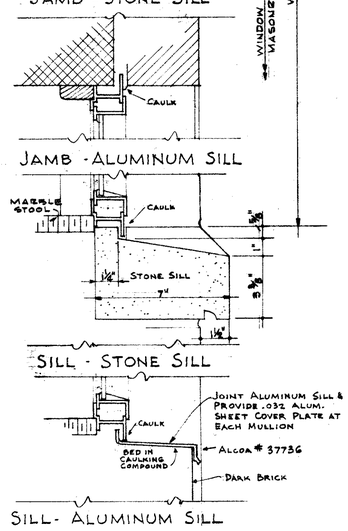
HEAD



MULLION

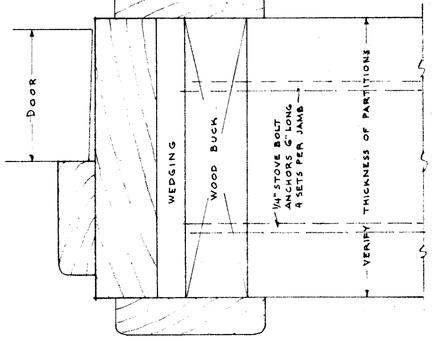


JAMB - STONE SILL

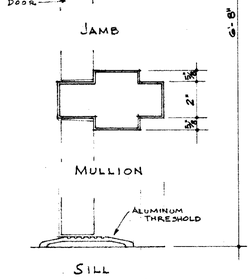


SILL - ALUMINUM SILL

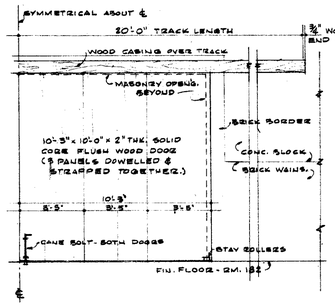
WINDOW DIM. & MASONRY OPENING DIMENSION



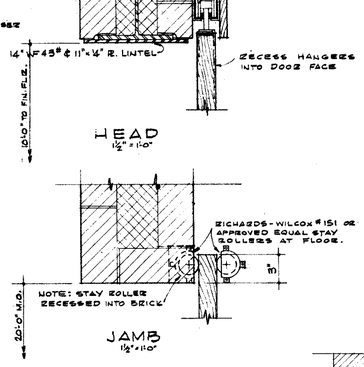
FULL SIZE JAMB SECTION - TYPICAL WOOD FRAME FOR INTERIOR WOOD DOORS



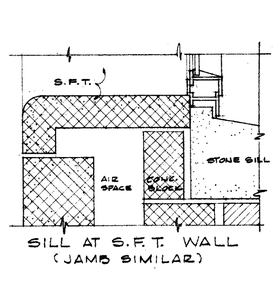
METAL FRAMES FOR
EXTERIOR METAL DOORS
FRAMES FOR DOORS "G" TO BE SIMILAR. PROVIDE ONE REMOVABLE MULLION IN EACH SET IN SPACES 118, 153 AND 183.
SCALE 3" = 1'-0"



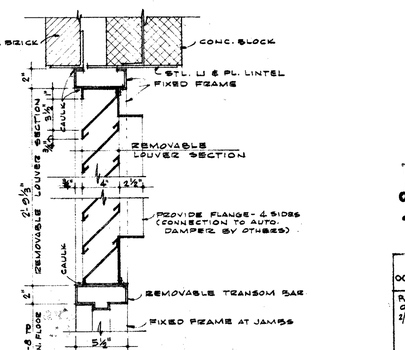
ELEV. FROM ROOM NO. 182
1/4" = 1'-0"



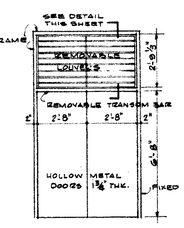
GYMNASIUM SLIDING DOOR DETAILS
SCALE: AS NOTED

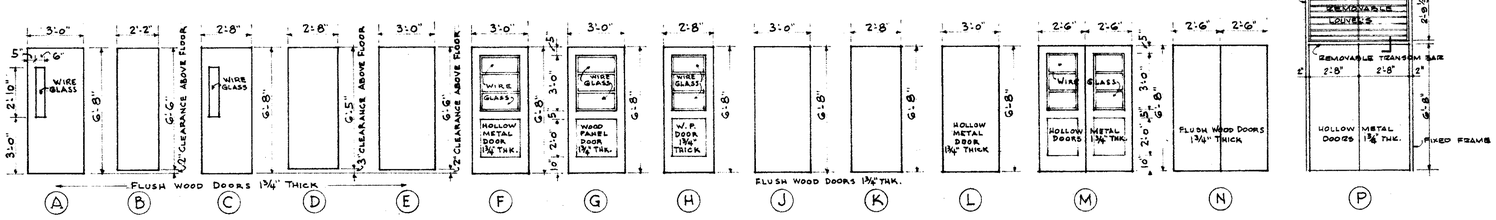


SILL AT S.F.T. WALL
(JAMB SIMILAR)



REMOVABLE LOUVER DETAIL
ROOM NO. 156 SCALE: 1 1/2" = 1'-0"

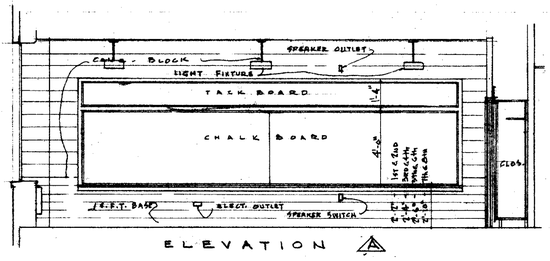




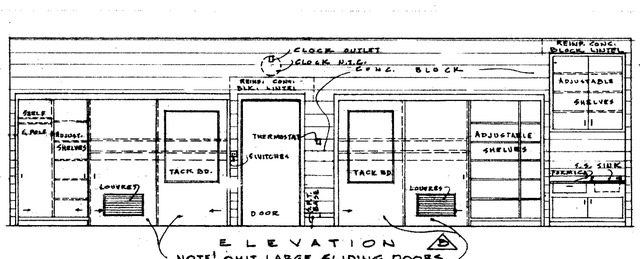
DOOR SCHEDULE

Certification of Authenticity
for purpose of Microfilming
045 BOARD OF EDUCATION
20 BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	DOOR & WINDOW SCHEDULES	
REVISIONS OCT 11, 1956 2/4/57 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET 14
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

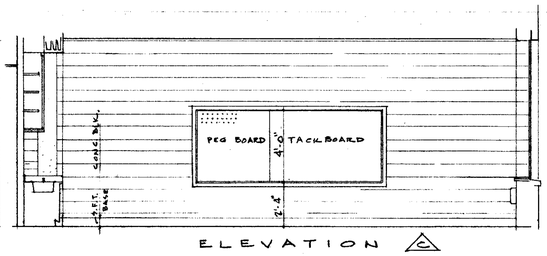


ELEVATION A

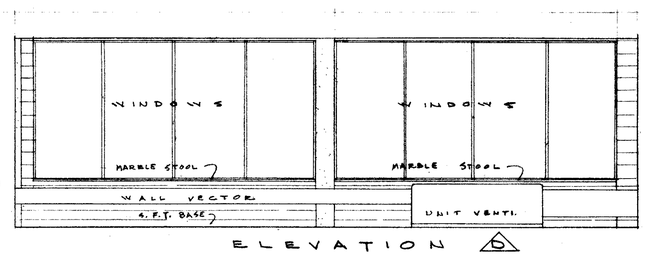


ELEVATION B

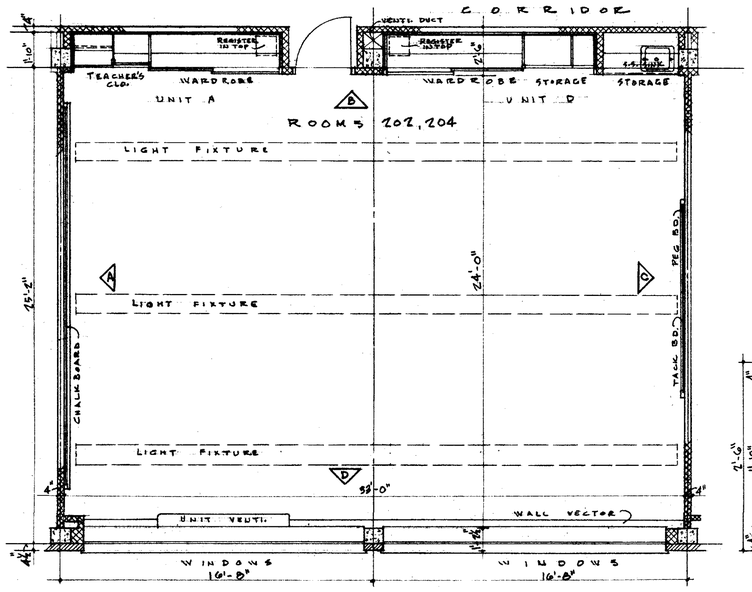
NOTE! OMIT LARGE SLIDING DOORS FROM CONTRACT



ELEVATION C

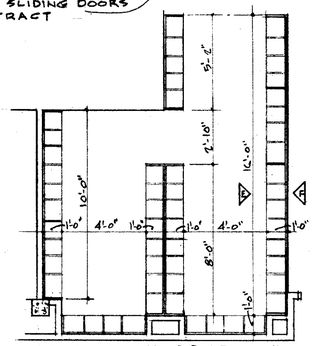


ELEVATION D

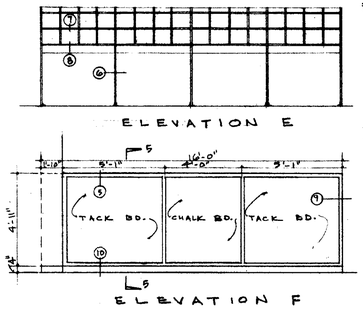


PLAN OF TYPICAL CLASSROOM

SCALE: 1/4"=1'-0"

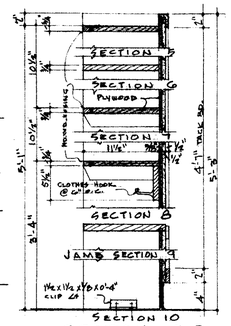


PLAN OF WARDROBE III
WARDROBES 118, 107 SIMILAR SEE 1/8 SCALE PLANS



ELEVATION F

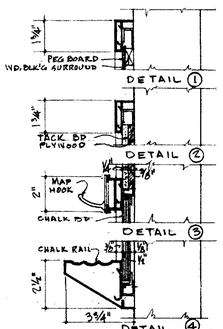
SCALE: 1/4"=1'-0"



SECTION 10

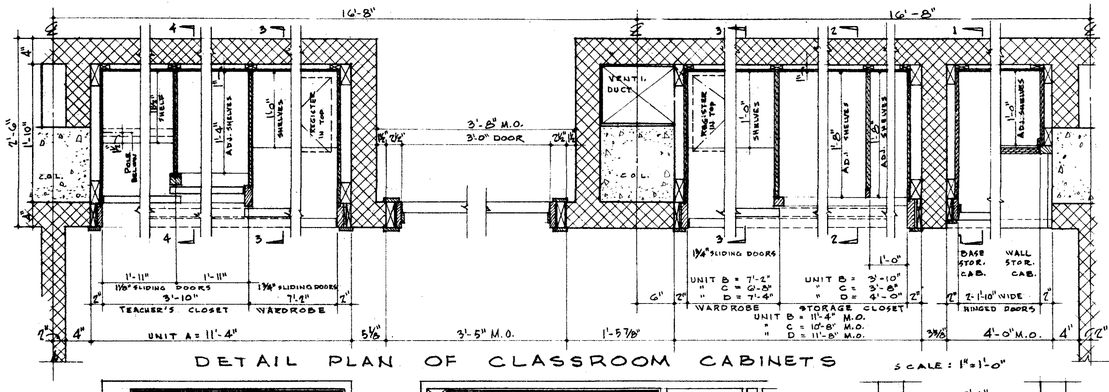
SECTION 5-5

SCALE: 1"=1'-0"



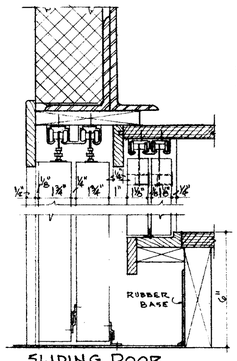
CHALK & TACK BOARD DETAILS

SCALE: 3"=1'-0"



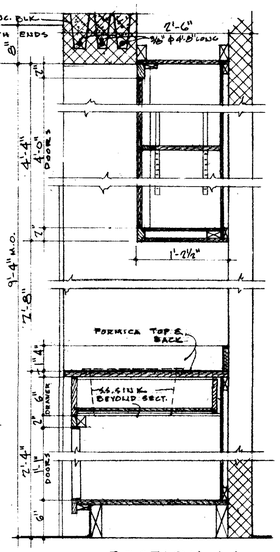
DETAIL PLAN OF CLASSROOM CABINETS

SCALE: 1"=1'-0"

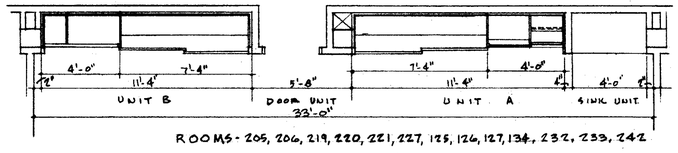


SLIDING DOOR DETAIL

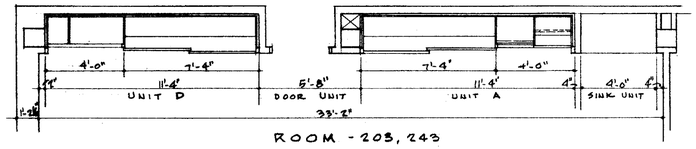
SCALE: 3"=1'-0"



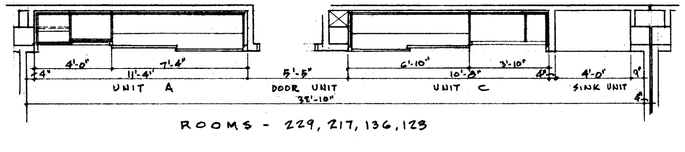
SECTION 1-1



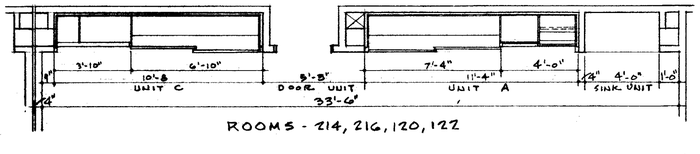
ROOMS - 205, 206, 219, 220, 221, 227, 125, 126, 127, 134, 232, 233, 242



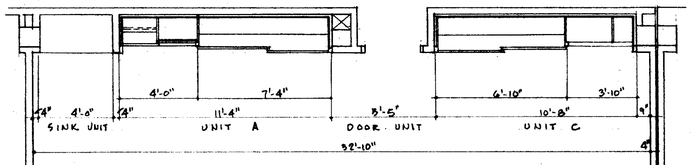
ROOM - 203, 243



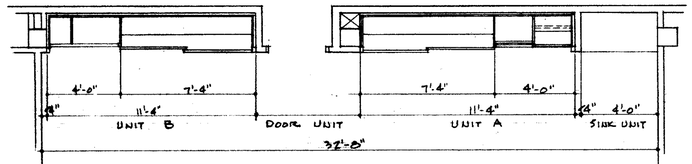
ROOMS - 229, 217, 136, 123



ROOMS - 214, 216, 120, 122



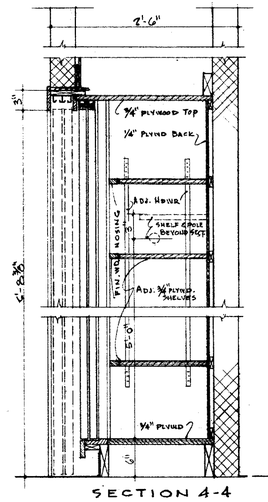
ROOMS - 228, 218, 135, 124, 159
ROOMS - 230, 231 SIMILAR TO OPPOSITE



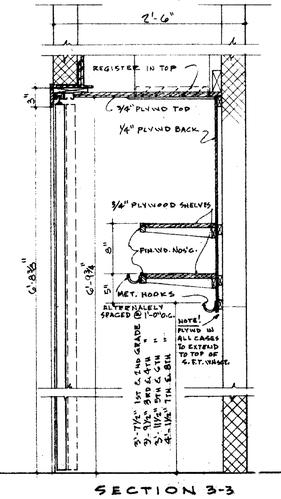
ROOM - 222, 128

ALTERNATE CABINET ARRANGEMENT FOR VARIOUS CLASSROOMS

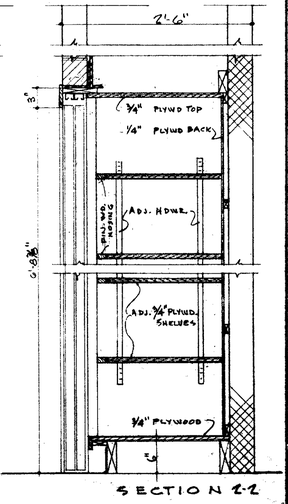
SCALE: 1/4"=1'-0"



SECTION 4-4



SECTION 3-3



SECTION 2-2

DETAIL SECTIONS THRU CLASSROOM CABINETS

SCALE: 1"=1'-0"

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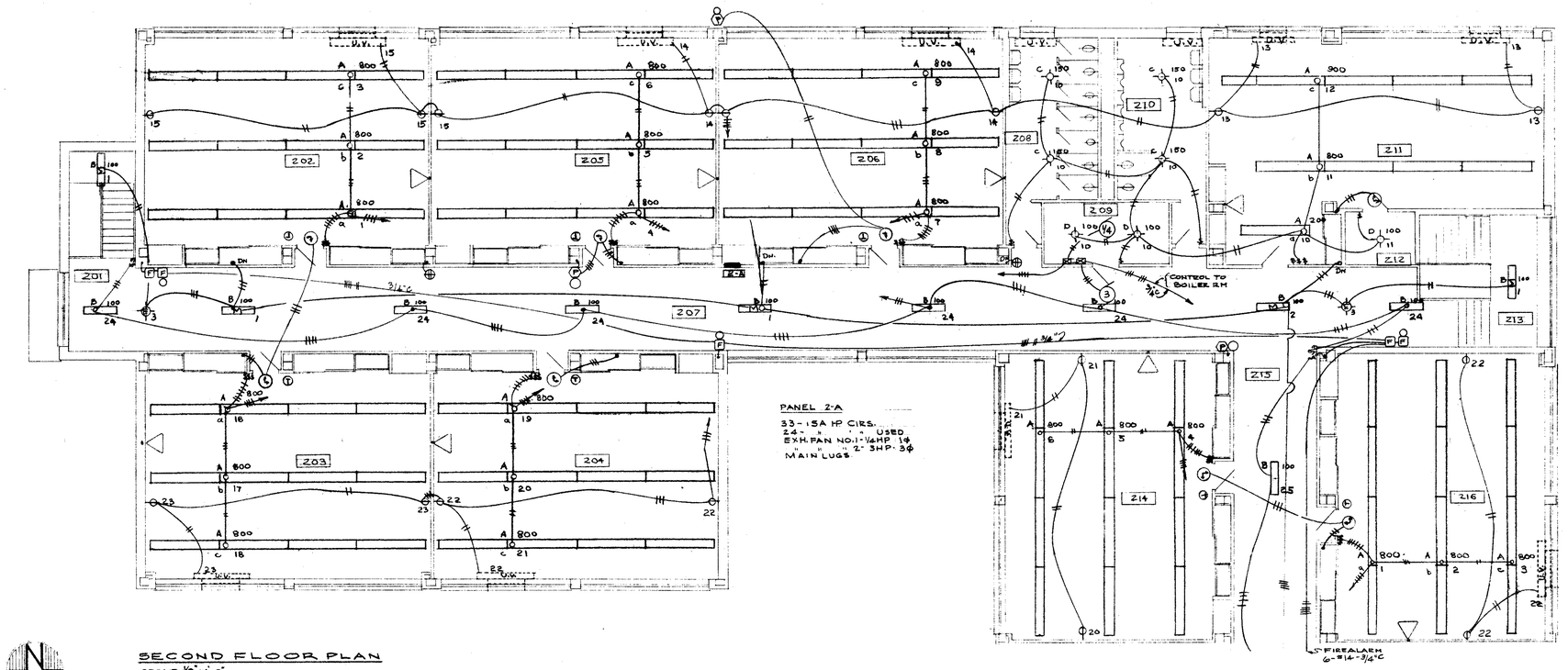
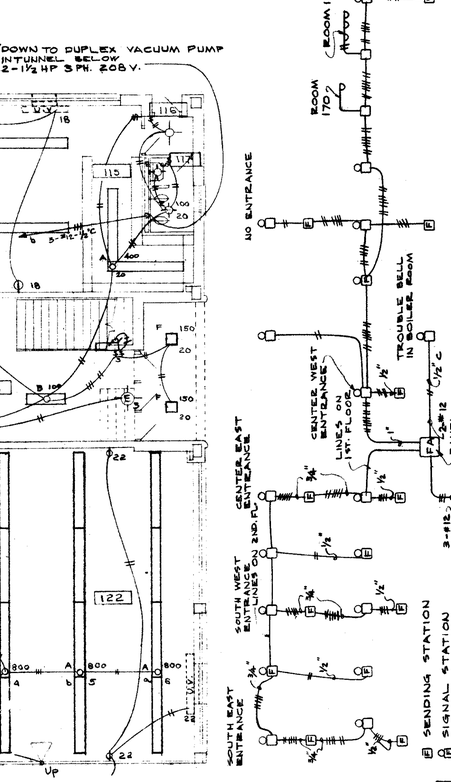
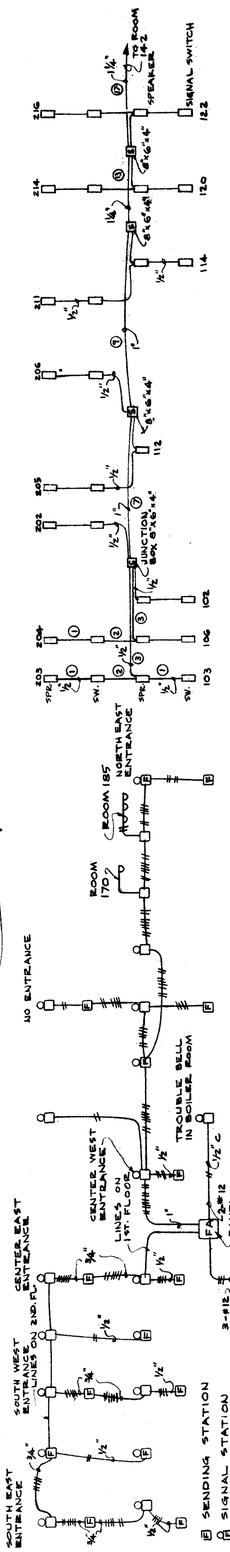
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE: OCT. 10, 1956	TYPICAL CLASSROOM & CHALKBOARD DETAILS
REVISIONS 2/4/59 AS BUILT	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO
	COMM. NO. 1048
	SHEET 15







Certification of Authenticity
for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

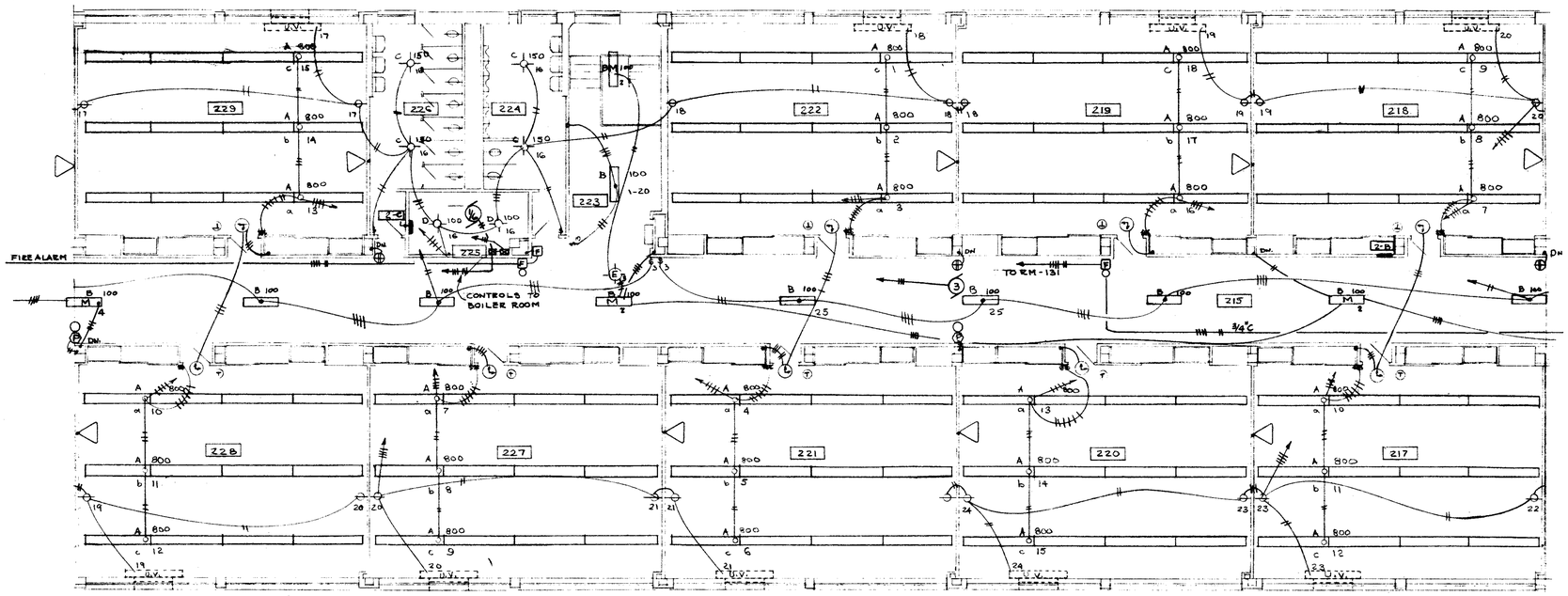
DATE OCT. 10, 1956	ELECTRICAL PLANS SOUTH UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. E 1
	EUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.

PANEL 2-C

29 - 15A 1-P CIRS. USED
22 " " "
EXH. FAN NO 3 - 3HP-3ϕ
" NO 4 - ½HP-1ϕ
MAIN LUGS

PANEL 2-B

32 - 15A 1-P CIR'S.
8A " " USED
MAIN LUGS.



SECOND FLOOR PLAN

SCALE 1/8"=1-0"

PANEL 1-C

28 - 15A 1-P CIRS
24 " USED.
EMEEGENCY PANEL 50A 3P.
MAIN LUGS
1- 15A 3P CLEAN UP

EMERGENCY PANEL

12 - 15A 1-P CIR'S.
6 " USED
2 " FIRE ALARM PANEL

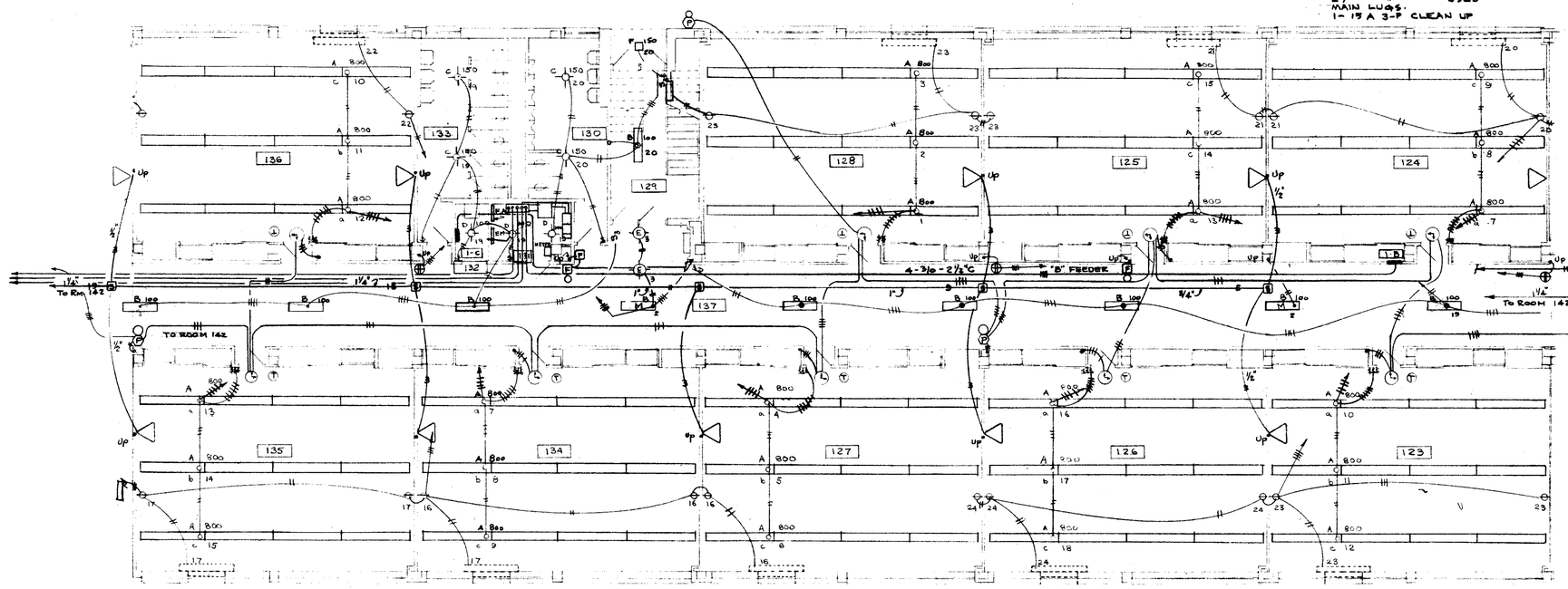
CONTACTOR 60A 3P
TRANSFER SWITCH 60A 3P.

DISTRIBUTION PANEL

1. A-FDR	175A 3P.	1000 A MAIN C.B
B" "	150A 3P.	50 A EM. C.B
C" "	150A 3P	
E" "	200A 3P	
BR"	200A 3P	

PANEL 1-B

32 - 15A 1-P CIR'S.
27 " USED
MAIN LUGS.
1- 15 A 3-P CLEAN UP

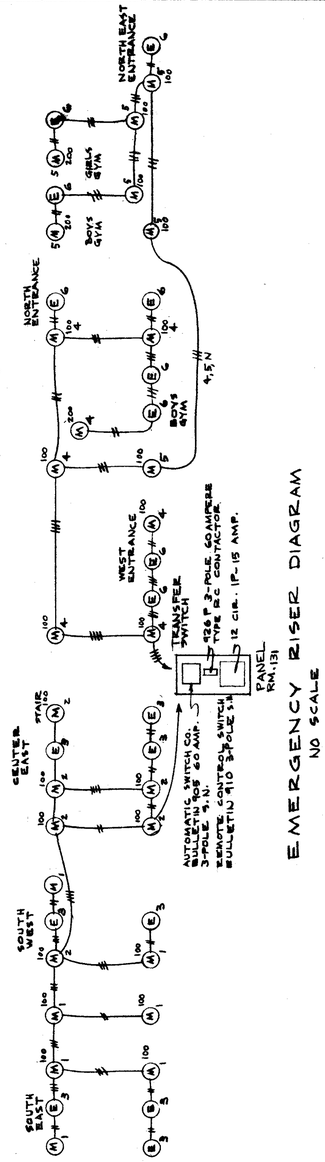


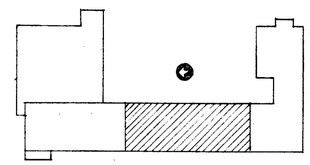
FIRST FLOOR PLAN

SCALE 1/8"=1-0"

EMERGENCY RISER DIAGRAM

NO SCALE





KEY PLAN

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BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE Oct. 10, 1956	ELECTRICAL PLANS CENTER UNIT	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. No. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET NO. E 2
JOB No 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.	

CLOCKS DIAGRAM
NOT TO SCALE

PANEL 1-E-1
18 - 15A 1P CIRCUITS
15 - " " USED
1 - 60A 3Φ 4W SUBFEED
2 - 60A 2P RANGE CIRS
1 - EXH. FAN 100-12 ½ HP 1Φ.
1 - 15A 3P CLEAN UP

PANEL 1-E-1-A

60A SW.

TO PANEL-1-E-1.

	CIRCUITS 1-2-3	
CONV. OUTLETS	1-4-5	1P
BUFFER	6	D.P.
SANDER	7	"
"	8-9	"
J16 SAWS	10	"
GRINDER & DRILL PRESS	11	"
SPARE	12	"
SPARE	13	"
SPARE	14	3P

PANEL 1-E
12 CIR 15A 1P CIRS
12 CIR 20A 1P CIRS
6 " 15A 1P " USED
12 " 20A 1P " USED
EXH. FAN #10 2HP 3Φ
" " #11 ¾HP 3Φ

PANEL 1-D
24 - 15A 1-P CIRCUITS
18 - " " USED.
DISHWASHER 1-HP 3Φ.
MIXER
PEELER
REFRIGERATOR
BEVERAGE COOLER
ICE CREAM CABINET
DEEP FREEZE
VACUUM PUMP 2-1HP 3Φ
1-15A 3P CLEANUP
16-17-18

PANEL B.R. LIGHT
28 - 15A 1P CIRCUITS
8 - " " USED
" - SPARES
MAIN LUGS.
1 - 15A 3P CLEANUP

PANEL B.R. POWER	CIR.	
BOILER ½ HP 3Φ	1	
BOILER ½ HP 3Φ	2	
OIL HEATER ON BOILER 6KW-3Φ	1	
OIL HEATER " 6KW-3Φ	2	
OIL PUMP ⅓ HP 3Φ	3	
OIL PUMP ½ HP 3Φ	4	
BOILER FEED PUMP ¾ HP 3Φ	3 & 4	
BOILER FEED PUMP ¾ HP 3Φ	5	
H.W.CIRC. PUMP ¼ HP 1Φ	6	5-1Φ
SUMP PUMP 2-¾ HP 3Φ	6	
CONDENSATE PUMP ½ HP 1Φ	5	
AIR COMPRESSOR 1 HP 3Φ	7	
FLUID SYSTEMS 15KW.	8	

MAIN LUGS.

TELEPHONE CONDUITS ¾" UNLESS OTHERWISE NOTED.

TELEPHONE SERVICE. SEE SHEET. FE-A
1" RIGID COND.
TO CONTACTOR RM 131
PUSH BUTTON FOR EMERGENCY AND EXIT LIGHTING.
3" NO GREEN A
MOUNT AT 5'-6"
FLUID SYSTEMS 15 K.W.
SEE NOTE R.B. PANEL
SUMP PUMP
BOILER
ELEC HTR 3 PH.
BOILER FEED PUMPS
PANEL BR
P. PANEL
BOILER
ELECTRIC HTR. 3PH.
CIRCULATING PUMP
CONDENSATE PUMP
MTG 7'-0"
RANGE OUTLET
CONVENIENCE OUTLETS MTG +4'-0" ON THESE WALLS
FLOOR OUTLETS
PANEL 1-E-1
PANEL 1-E-1A
UP TO ROOF FAN ½HP 1¼"
PC 7
RECESSED
NOTE: CONTROL WIRING TO BE PANEL IN BOILER RM.
AIR COMP.
PAY STA.
PANEL 1-D
M. CAR.
STM. TABLE
RANGE
DISH WASHER
BEVERAGE COOLER
MIXER
PEELER
¾ H.P.
¼ H.P.
UP TO ROOF FAN ¾HP
ALL FIXTURES HAVE WIRE GUARD
UP TO ROOF FAN 2HP
18 FC MAINTAINED
ALL FIXTURES HAVE WIRE GUARD
GYM
PANEL RM. 142
MOUNT
MICE
WALL BENCH
BENCH
DRILL PRESS
GRINDER
PLASTICS OVER
SINKS
SANDING MACH.
DISC SANDER
BELT SANDER
ANVIL
4 FOUR PUPIL WOODWORKING BENCHES
8 METAL WORK BENCHES
CIRCULAR SAW
TEACHER'S DESK
TEACHER'S WORLD
SUPPLY CAB'T
TOOL CAB'T
SINK
SCREENS
CHALK BOARD
CORK BOARD
DEMONSTRATION AND REPAIR METAL BENCH
LOCKERS
RECESSED
PANEL 1-E
PANEL 1-D
PANEL DC
PANEL LE
PANEL BR
P. PANEL
KEY PLAN

FIRST FLOOR PLAN
SCALE ⅛" = 1'-0"

4-3/6-1 1/4"C — DISCONNECT — 1-E-1-A
4-500 MCM-3 1/2"C — 1-E-1
4-500 MCM-3 1/2"C. — 1-E
4-3/0-2 1/2"C — 1-D
2-4/0-3"C — BR. PWR
2-4/0-3"C — BR. LIGHT
4-3/0-2 1/2"C
4/0-3"C
50 MCM
CONNECT TO COMM. EDISON BUS
1ST. FLOOR EL. 17'-8"

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Director

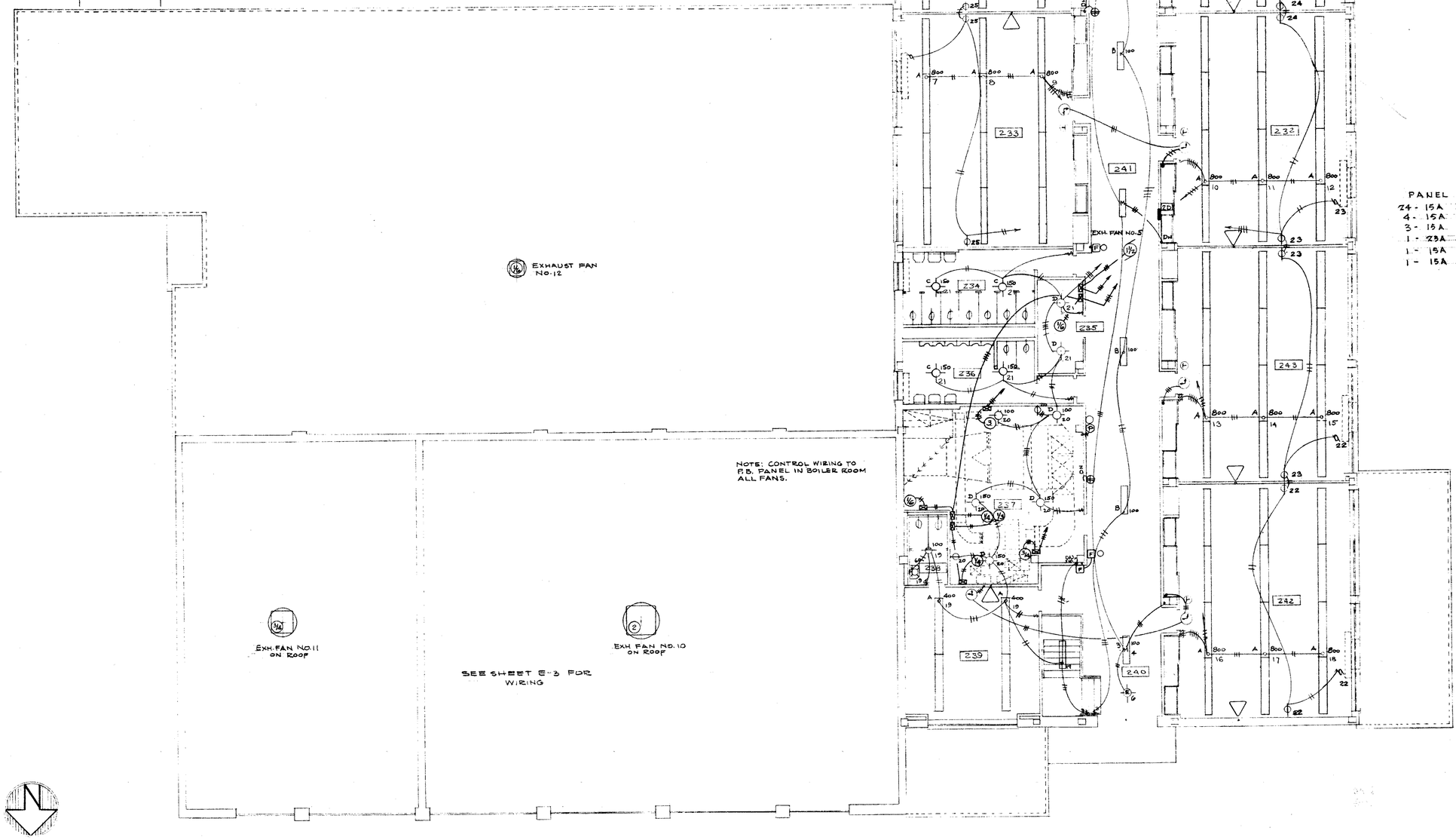
DATE Oct. 10, 1956	ELECTRICAL FIRST FLOOR PLAN NORTH UNIT
REVISIONS OCT. 11. 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.
	COMM. NO. 1048
	SHEET NO. E 3

ELECTRICAL SYMBOLS SCHEDULE

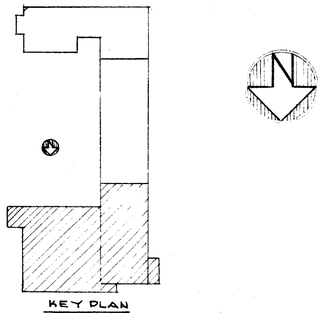
SYMBOL	DESCRIPTION	MT. HT. & NOTES
	CONDUIT NO OF WIRES INDICATED	
DOUBLE CIRCUIT WAITE PUBLICITY	OUTLET	
	RECESSED INCANDESCENT	
CONTROL CIRCUIT 100 WATT PUBLICITY	SLIM LINE 8'-0" FIXTURE 2-TUBE	8'-6"
CONTROL CIRCUIT 100 WATT PUBLICITY	SLIM LINE 4'-0" FIXTURE 2-TUBE	8'-6"
XX WAITE CIRCUIT	EMERGENCY FIXTURE FULORESCENT TYPE B	CEILING MT.
(M)	EMERGENCY FIXTURE INCANDESCENT	
	CONVENIENCE OUTLET	12"
	SPECIAL FLEN UP OUTLET CONSISTING OF 3 PHASE OUTLET AND DUPLEX OUTLET IN SAME PLATE	
	CLOCK OUTLET (NO CLOCKS)	
	SPEAKER OUTLET (NO SPEAKERS)	8'-6"
	MOTOR	
	COMBINATION MOTOR STARTER	
	SAFETY SWITCH	
	TELEPHONE OUTLET	12"
(E)	EXIT FIXTURE	CEILING
	ELECTRIC PANEL	
F	FIRE ALARM SENDING STATION	4'-6"
	FIRE ALARM BELL	7'-6"
	PROGRAM BELL	7'-6"
	UNIT VENTILATOR	
T	TELEPHONE CONDUITS	

FIXTURE SCHEDULE

TYPE	DESCRIPTION	REMARKS
A	8'-0" SLIM LINE	
B	4'-0" SLIM LINE	
C	INCANDESCENT DRUM FIXTURE	
D	RLM. STD. DOME	
E	PORCELAN BRACKET	
F	RECESSED INCANDESCENT	
G	DEEP BOWL REFL.	
(E)	EXIT FIXTURE	
H	SINGLE 8'-0" TUBE SLIM LINE	
V.P	CROUSE-HINDS TYPE ARB	



PANEL Z-D
24 - 15A 1P CIR. USED
4 - 15A 1P SPARES
3 - 15A 1P SINGLE PH. FANS
1 - 25A 3P 3 HP - SUPPLY
1 - 15A 3P 3/4 HP - EXHAUST
1 - 15A 3P 1 1/2 HP - EXHAUST



SECOND FLOOR PLAN
SCALE 1/8"-1'-0"

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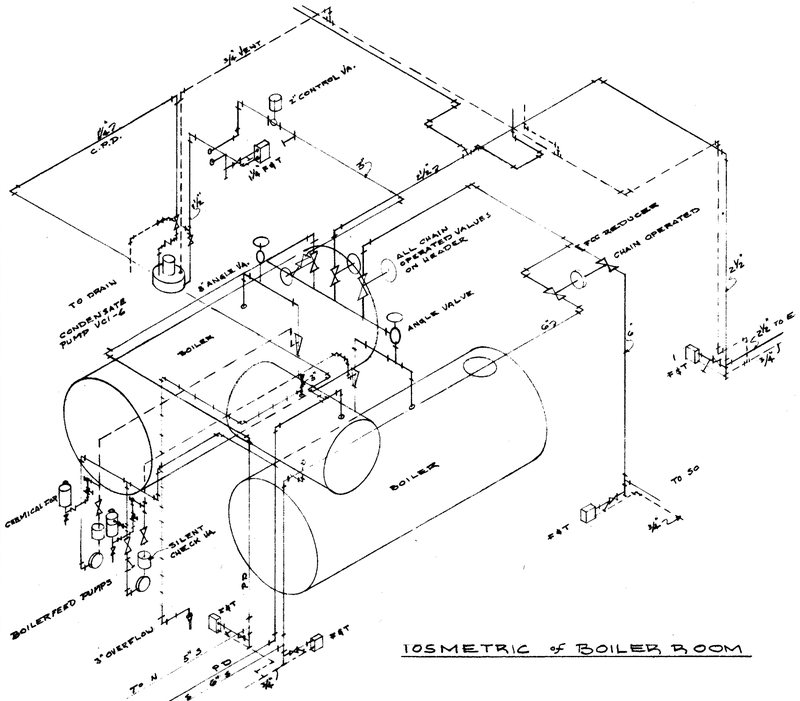
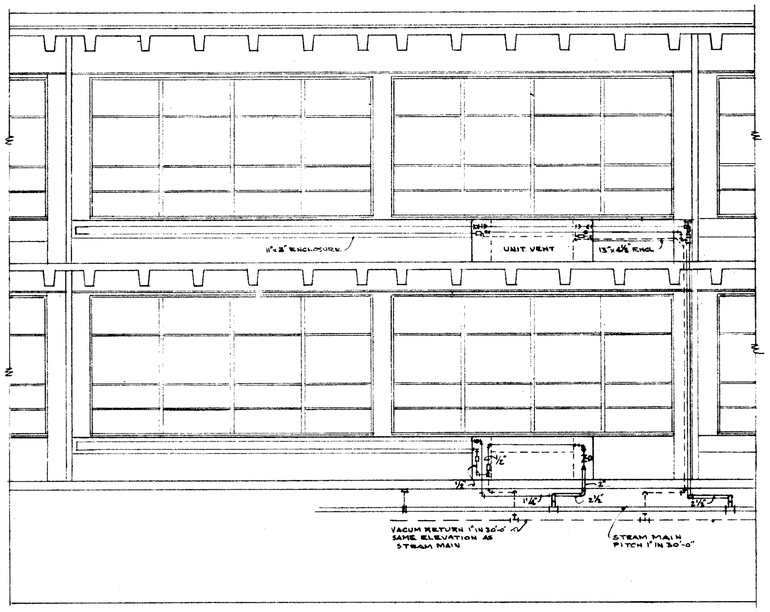
Director

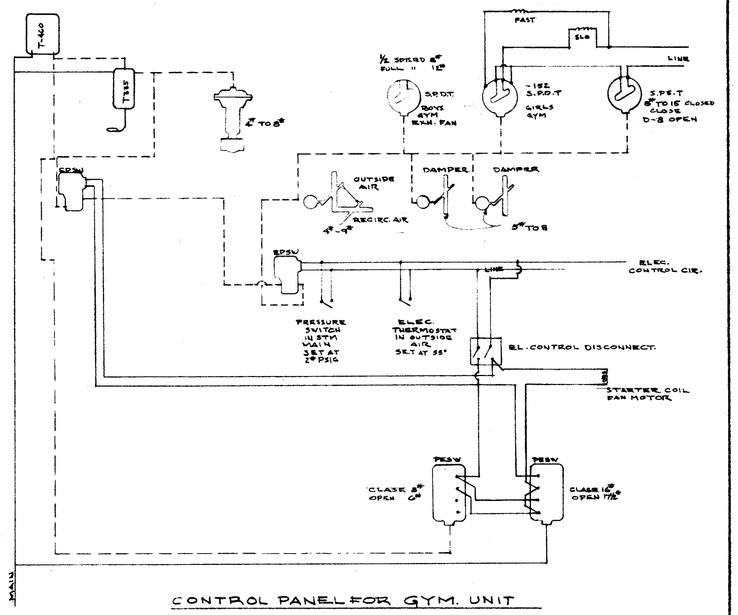
DATE OCT. 10, 1956	ELECTRICAL SECOND FLOOR PLAN NORTH UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1016
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. E 4
	FUGARD BURI WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.



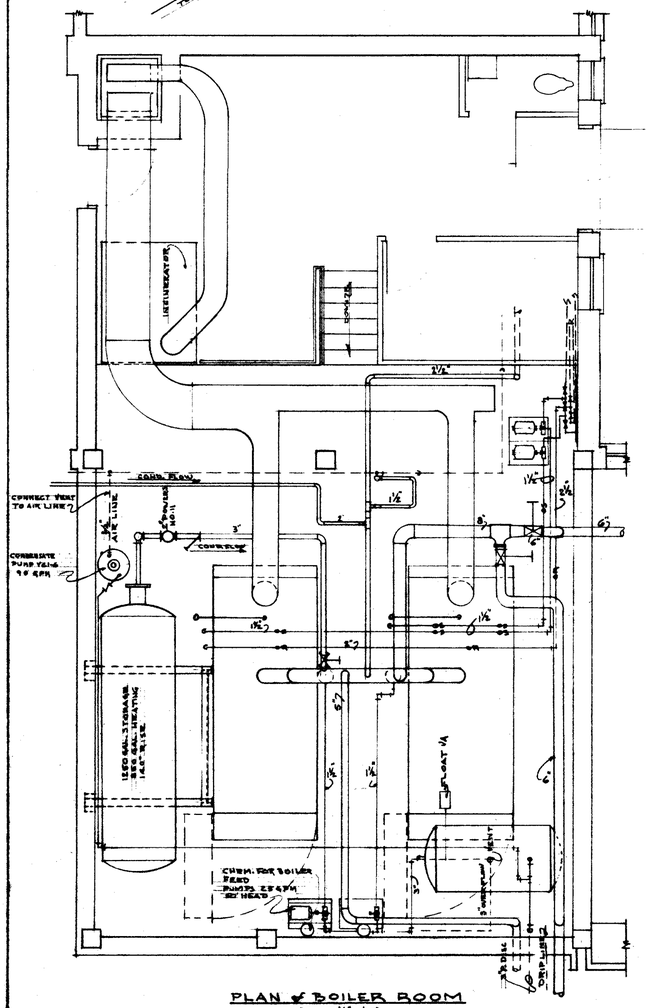
ISOMETRIC of BOILER ROOM



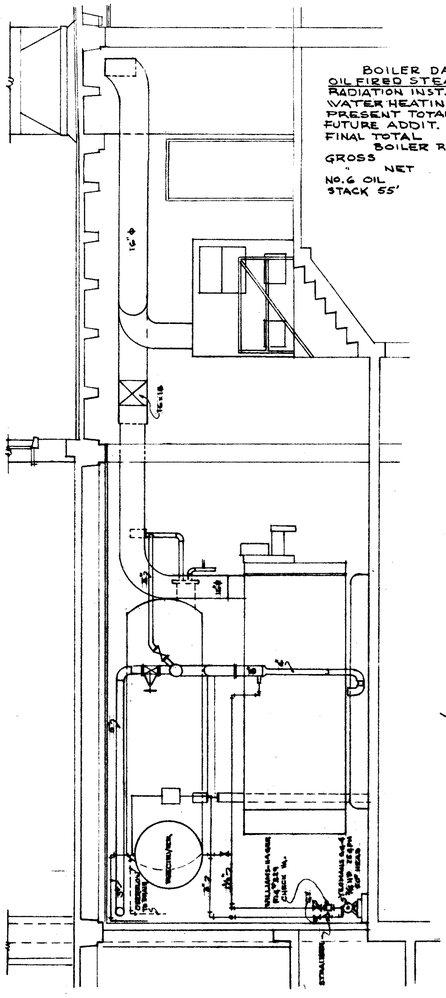
ELEVATION of TYPICAL UNIT VENTILATOR 1ST & 2ND FL.



CONTROL PANEL FOR GYM. UNIT

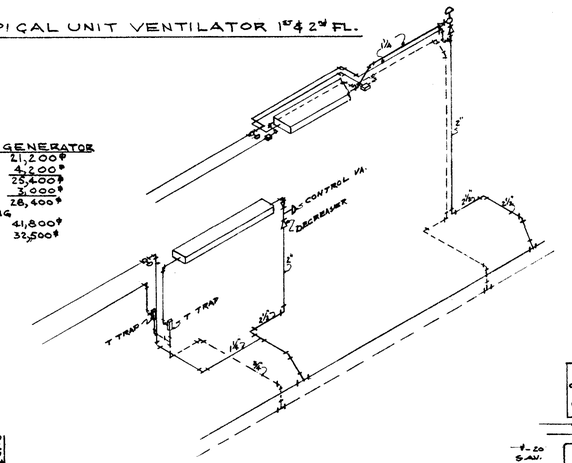


PLAN of BOILER ROOM
SCALE ¼"=1'-0"

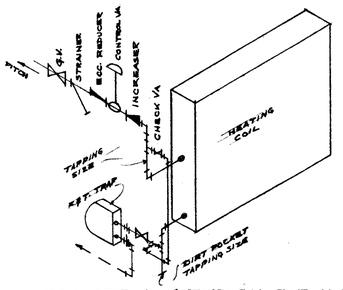


BOILER DATA
OIL FIRED STEAM GENERATOR

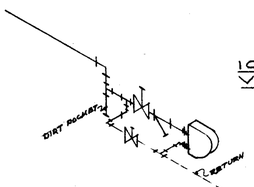
RADIATION INST.	21,200#
WATER HEATING	4,200#
PRESENT TOTAL	25,400#
FUTURE ADDIT.	3,000#
FINAL TOTAL	28,400#
BOILER RATING	
GROSS	41,800#
" NET	32,500#
NO. 6 OIL	
STACK 55'	



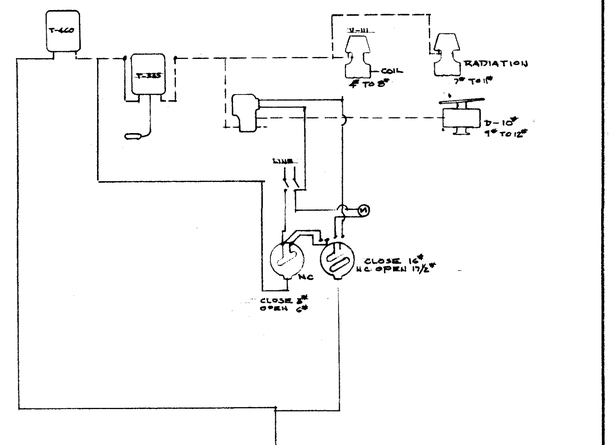
ISOMETRIC of TYPICAL UNIT VENTILATOR 1ST & 2ND FLOOR

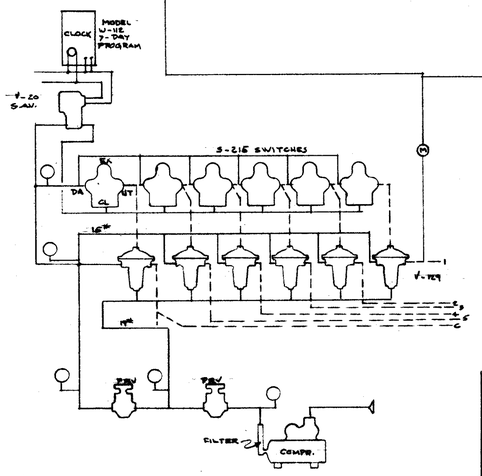


ISOMETRIC of TYPICAL PIPING VENTILATING & HEATING UNITS

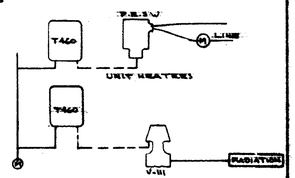


ISOMETRIC of TYPICAL END of MAIN DRIP





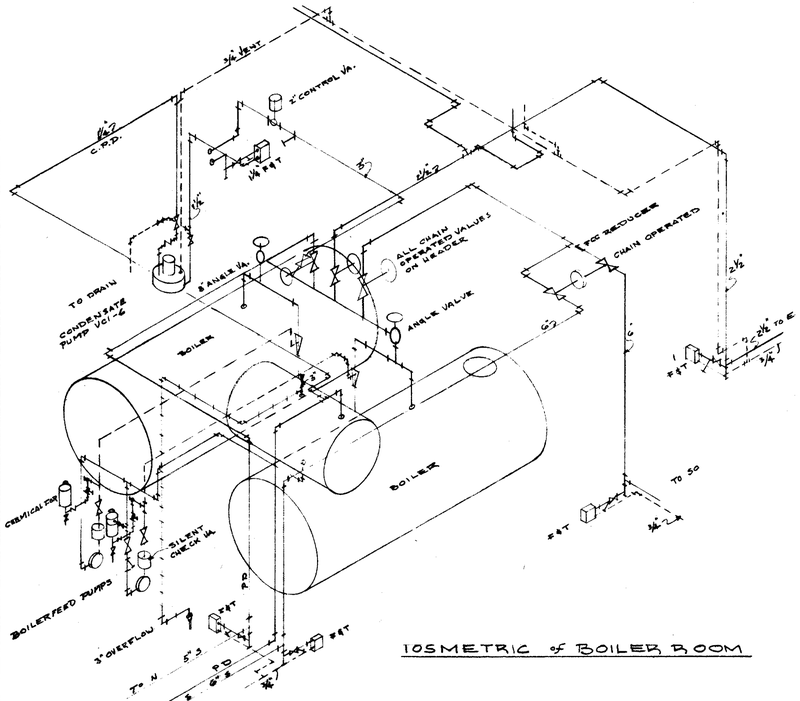
CONTROL BOARD



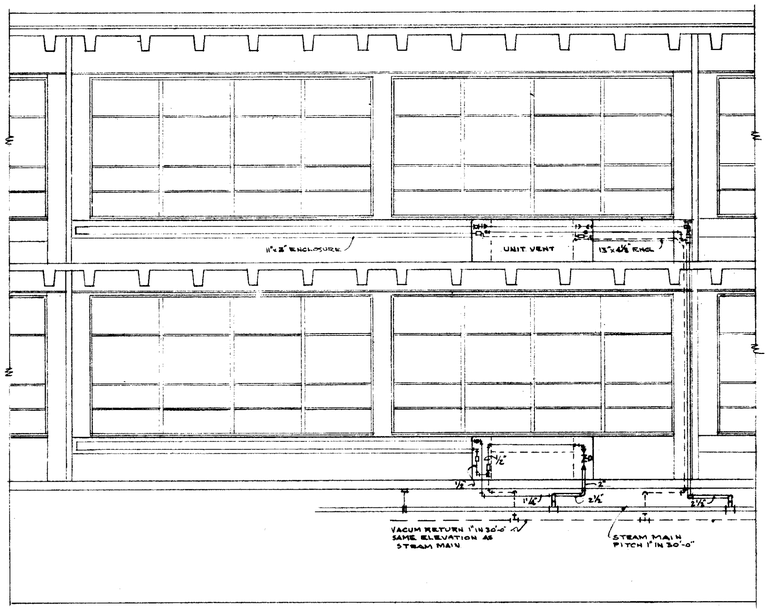
UNIT VENITILATOR CONTROL

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

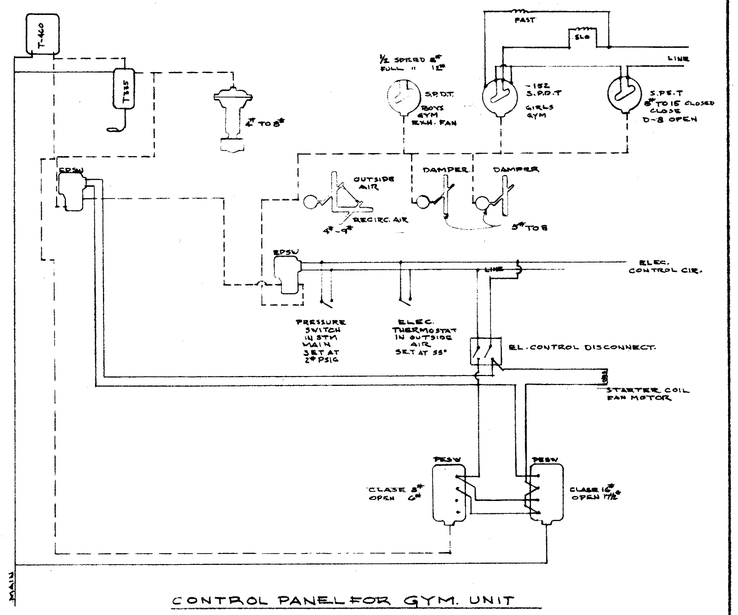
DATE OCT. 10, 1956	BOILER ROOM TEMPERATURE CONTROL AND HEATING DETAILS
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM NO. 1048
JOB NO. 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. HV 8
	HUSAND BURT WILKINSON & SMITH ARCHITECT 520 NORTH MICHIGAN AVE. CHICAGO, ILL.



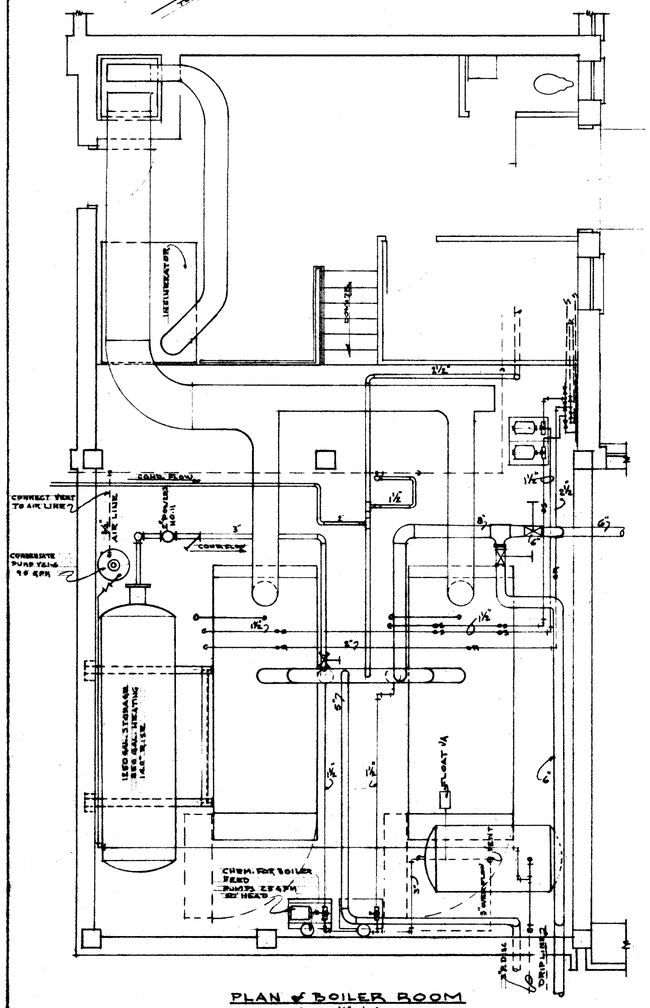
ISOMETRIC of BOILER ROOM



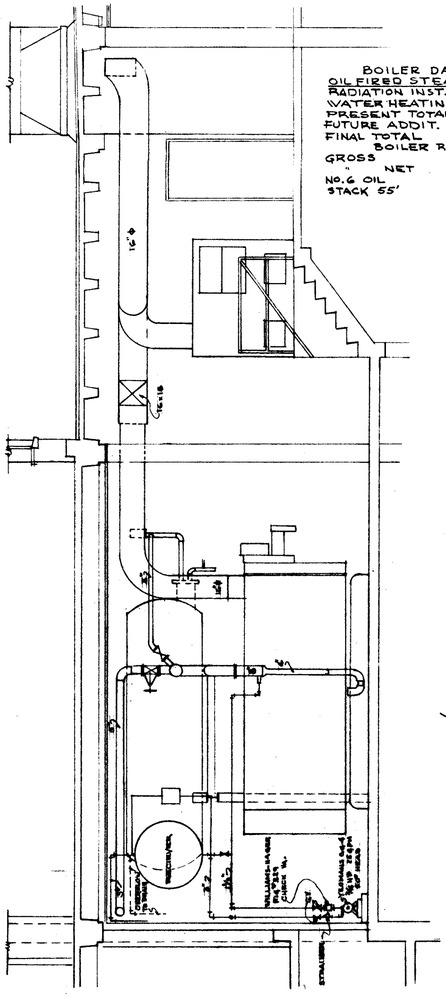
ELEVATION of TYPICAL UNIT VENTILATOR 1ST & 2ND FL.



CONTROL PANEL FOR GYM. UNIT

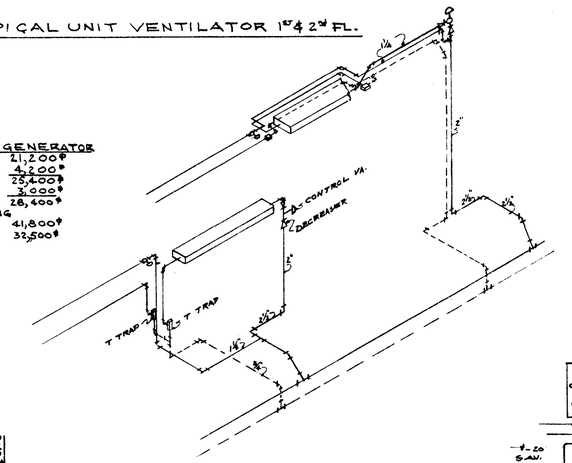


PLAN of BOILER ROOM
SCALE ¼"=1'-0"

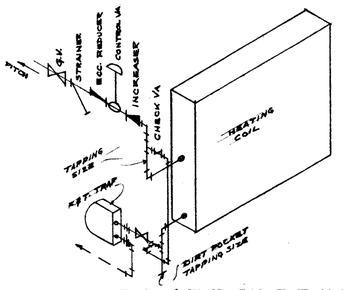


BOILER DATA
OIL FIRED STEAM GENERATOR

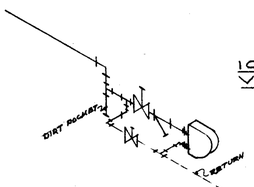
RADIATION INST.	21,200#
WATER HEATING	4,200#
PRESENT TOTAL	25,400#
FUTURE ADDIT.	3,000#
FINAL TOTAL	28,400#
BOILER RATING	
GROSS	41,800#
" NET	32,500#
NO. 6 OIL	
STACK 55'	



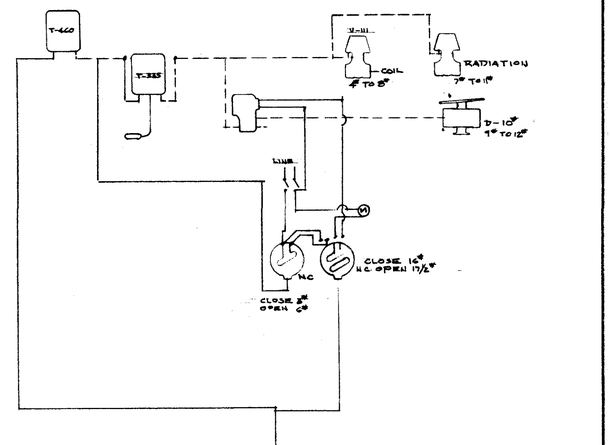
ISOMETRIC of TYPICAL UNIT VENTILATOR 1ST & 2ND FLOOR

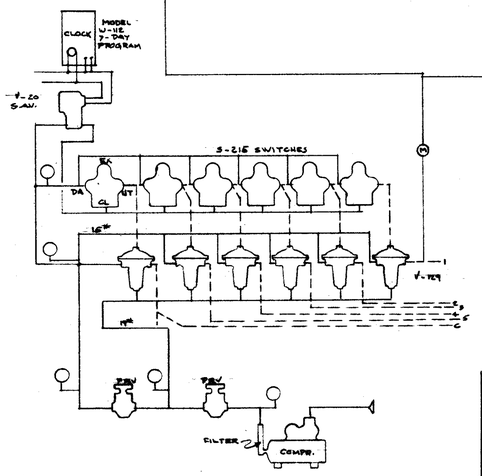


ISOMETRIC of TYPICAL PIPING VENTILATING & HEATING UNITS

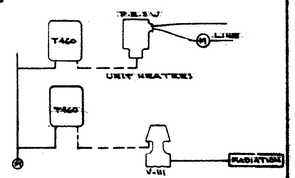


ISOMETRIC of TYPICAL END of MAIN DRIP





CONTROL BOARD



UNIT VENITILATOR CONTROL

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	BOILER ROOM TEMPERATURE CONTROL AND HEATING DETAILS
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM NO. 1048
JOB NO. 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. HV 8
	HUSAND BURT WILKINSON & SMITH ARCHITECT 520 NORTH MICHIGAN AVE. CHICAGO, ILL.

WATER RISER DIAGRAM SO. WING

RUN IN TUNNEL

UNDER FLOOR TYPE K COPPER

1ST FLOOR CLG.

FLOOR LINE

MAINS TURN NORTH

2ND FLOOR

1ST FLOOR

HOT WATER STORAGE 150° F

CONDENSATE RECR.

FLOAT V.P.

DRAIN

BOILER ROOM HOSE P-20

6" WATER METER

6" WATER SERVICE

COUNTER SINK

GREASE FILLEE

U.D.F.

UNDER FLOOR TYPE-K-CU.

BRANCH

NOTE: FOR CONTINUATION OF RISER DIAGRAM SEE PHV-7.

Certification of Authenticity for purpose of Microfilming. BOARD OF EDUCATION 046 5 BUREAU OF ARCHITECTURE Director

DATE: OCT. 10, 1936	WATER RISER DIAGRAM
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. P 8
	FUGARD, SUET, WILKINSON & OSTH ARCHITECTS 520 N. MICHIGAN AVE. CHICAGO

WATER RISER DIAGRAM SO. WING

RUN IN TUNNEL

UNDER FLOOR TYPE K COPPER

1ST FLOOR CLG.

FLOOR LINE

MAINS TURN NORTH

2ND FLOOR

1ST FLOOR

HOT WATER STORAGE 150° F

CONDENSATE RECR.

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BOILER ROOM HOSE P-20

6" WATER METER

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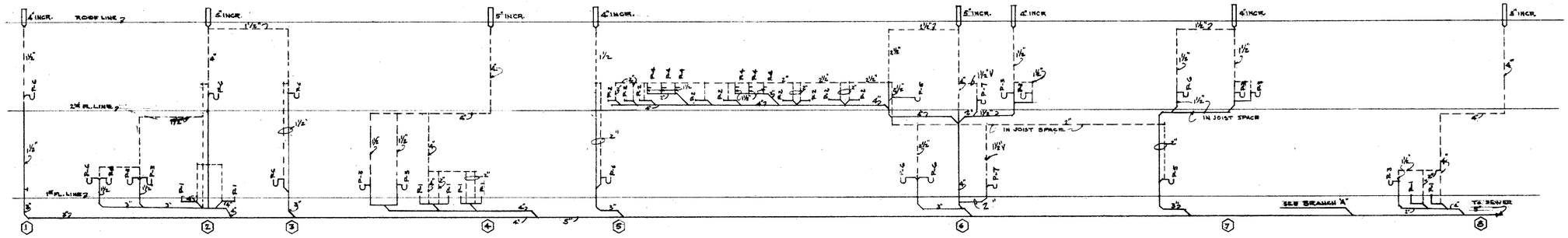
UNDER FLOOR TYPE-K-CU.

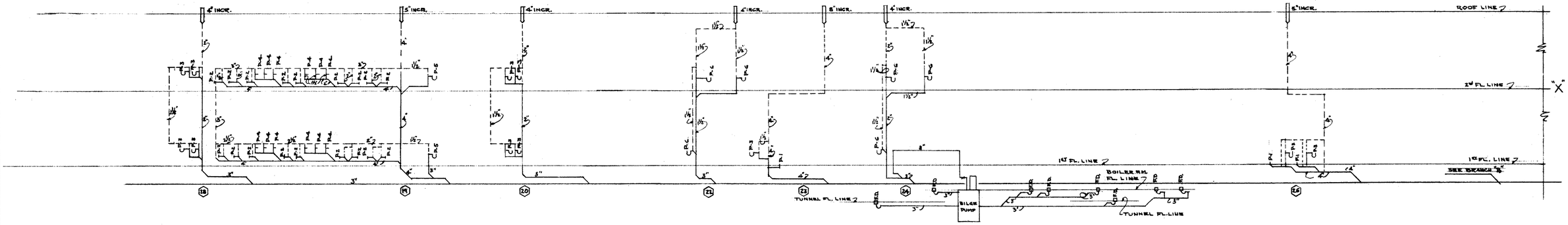
BRANCH

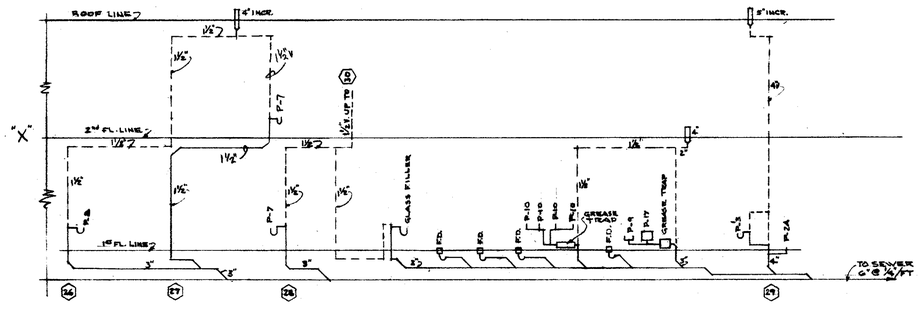
NOTE: FOR CONTINUATION OF RISER DIAGRAM SEE PHV-7.

Certification of Authenticity for purpose of Microfilming. BOARD OF EDUCATION 046 5 BUREAU OF ARCHITECTURE Director

DATE: OCT. 10, 1936	WATER RISER DIAGRAM
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. P 8
	FUGARD, SUET, WILKINSON & OSTH ARCHITECTS 520 N. MICHIGAN AVE. CHICAGO

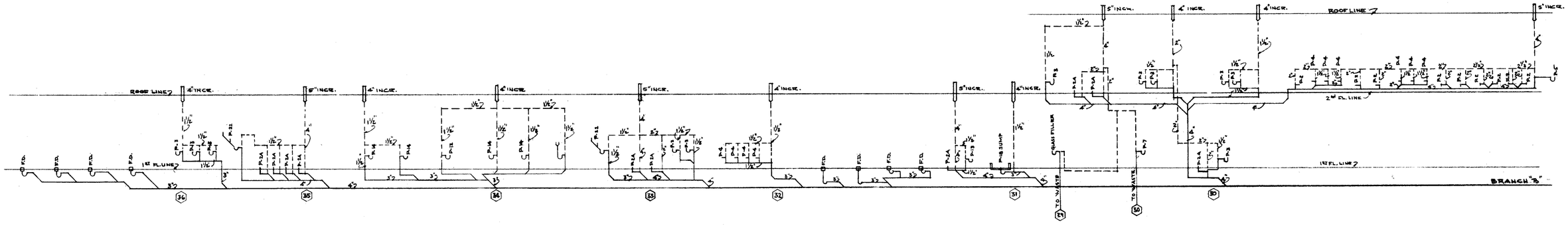






P-1 TANK WATER CLOSET
P-2 F.V. WATER CLOSET WALL HUNG
P-2F F.V. WATER CLOSET FLOOR MOUNTED
P-3 LAVATORY
P-4 URINALS WALL HUNG - F.V.
P-5 SERVICE SINK
P-6 CLASS ROOM COUNTER SINK
P-7 DRINKING FOUNTAIN
P-8 COUNTER SINK
P-9 PREWASH SINK (KITCHEN)
P-10 KITCHEN SINK
P-11 SHOWER BATH (PIPING & VALVES
P-12 WASH SINK (INDUSTRIAL ARTS)
P-13 LAVATORY 17"x19"
P-14 DOUBLE COMP. COUNTER SINK
P-15 AUTOMATIC WASHER GATE VALVES & CHECKS IN H. & C.
P-16 GAS FIRED DRYER
P-17 DISHWASHER, VACUM BKRS & GATE VALVE
P-18 JANITORS SUMP
P-19 HOSE BIBB
P-20 NON-FREEZE SILL COCK
P-21 KITCHEN RANGE OUTLET
P-22 (SPITOON
P-23 (DRINKING FOUNTAIN RECESS SINGLE

PLUMBING SYMBOLS	
SAN.	SOIL & WASTE
STORM	STORM SEWER
	VENT LINE
	COLD WATER
	HOT WATER
	HOT WATER RETURN
180°	180° HOT WATER
	GATE VALVE
	STRAINER
	CHECK VALVE
	CATCH BASIN
	MANHOLE
	SQUARE HEAD COCK
G.T.	GREASE TRAP
	FLOOR DRAIN
	SHOWER (ELEV.)
	" (PLAN)
P-20	NON-FREEZE SILL COCK



Certification of Authenticity
for purpose of Microfilming.
0460
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE Oct. 10, 1956	SOIL & WASTE DIAGRAM	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET NO. P 9
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.	

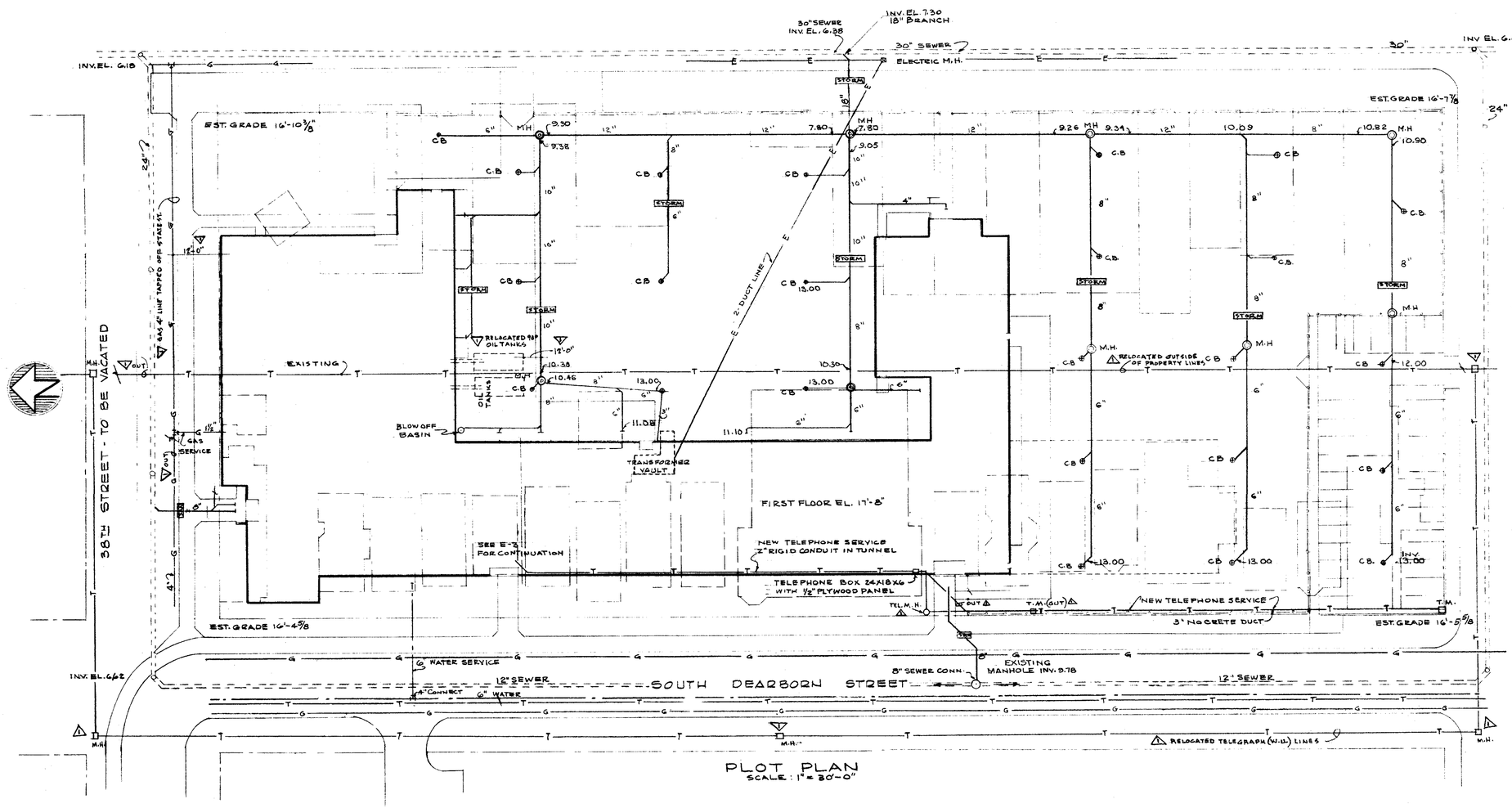
ABBREVIATIONS	
M.H.	MANHOLE (SEWER)
C.B.	CATCH BASIN
	ELECTRIC MANHOLE
O	BLOW OFF BASIN
E	ELECTRIC SERVICE DUCT
T	TELEPHONE SERVICE DUCT
G	GAS SERVICE
W	WATER SERVICE & CITY WATER
	EXISTING SEWER
STORM	YARD DRAIN & SEWERS

SOUTH STATE STREET

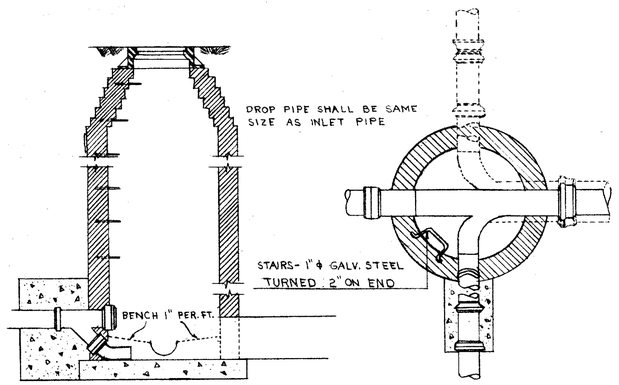
WEST PERSHING ROAD

38TH STREET - TO BE VACATED

SOUTH DEARBORN STREET

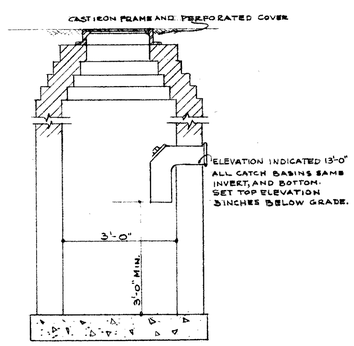


PLOT PLAN
SCALE: 1" = 30'-0"

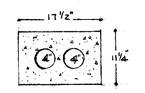


SECTION
NO SCALE

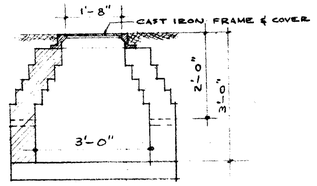
PLAN OF DROP MANHOLE
NO SCALE



CATCH BASIN



ELECTRICAL SERVICE DUCT LINE



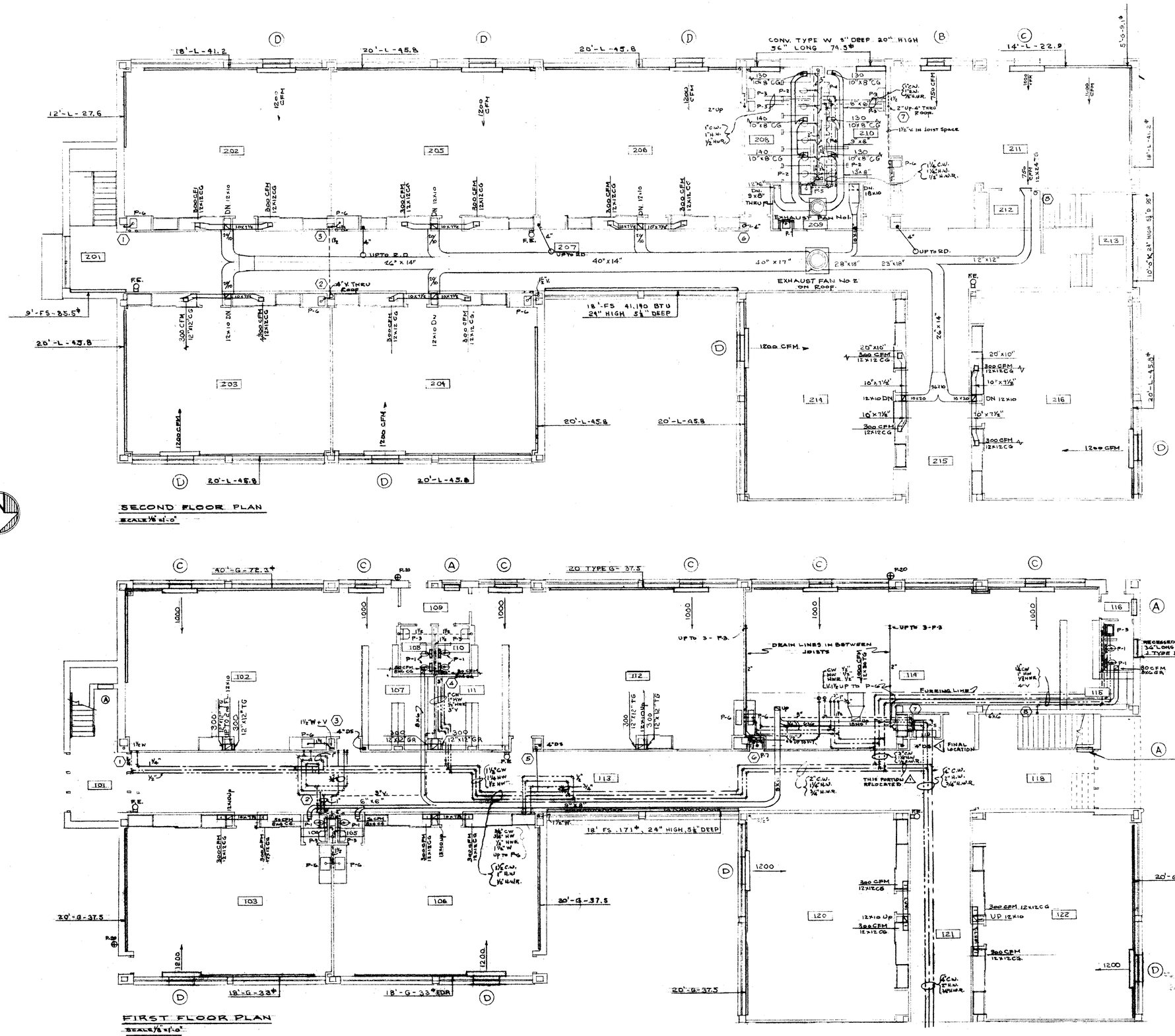
TELEPHONE MANHOLE
NO SCALE

DESIGN NOTES

PLUMBING DESIGN IN ACCORDANCE WITH THE CHICAGO BUILDING CODE.
HEATING DESIGNED IN ACCORDANCE WITH THE A.S.H.&V.E. GUIDE.
COEFFICIENTS AND INDOOR TEMPERATURE OF 70° WHEN OUTSIDE TEMPERATURE IS -10°.
BOILERS SIZED EACH OF A CAPACITY TO HANDEL APPROXIMATELY 66 2/3 % OF FULL LOAD. COMPLETELY AUTOMATIC FIRING WITH ALL SAFETY DEVICES.

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLOT PLAN
REVISIONS △ AT END OF JUN. 1958 JOB	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1064
	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. PHE A
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO, ILL.



VENTILATION SCHEDULE

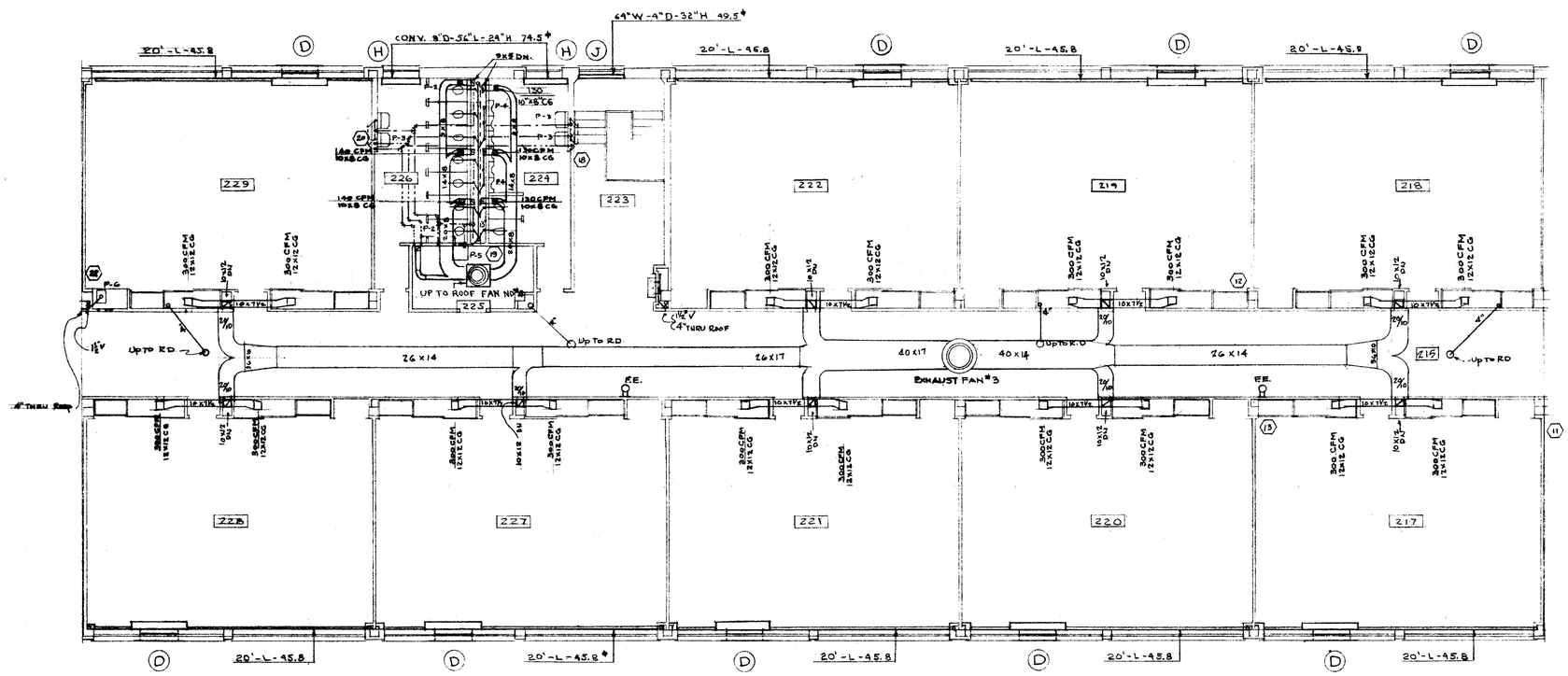
ROOM NO.	DESIGNATION	FLOOR AREA SQ. FT.	ORDINANCE REQ'D. GLASS AREA SQ. FT.	ORDINANCE REQ'D. VENT AREA SQ. FT.	ACTUAL: GLASS AREA SQ. FT.	ACTUAL: VENT AREA SQ. FT.	ORDINANCE REQ'D. MECH. VENTILATION: SUPPLY	ORDINANCE REQ'D. MECH. VENTILATION: EXHAUST	ACTUAL MECH. VENTILATION: SUPPLY	ACTUAL MECH. VENTILATION: EXHAUST
101	STAIR HALL	184	–	–	–	–	–	–	–	–
102	KINDERGARTEN	1043	208	–	275	84.4	1564	782	2000	900
103	CLASS ROOM	800	160	–	220	75	1200	600	1200	600
104	TOILET	18						50		50
105	TOILET	18						50		50
106	CLASS ROOM	800	160	–	220	75	1200	600	1200	600
107	WARDROBE SPACE	174			0	0	–	–		
108	TOILET	40	4	2	0	0		80		80
109	VESTIBULE	61	–	–	–	–	–	–	–	–
110	TOILET	40	4	2	0	0		80		80
111	WARDROBE SPACE	174	–	–	–	–	–	–	–	–
112	KINDERGARTEN	1042	208	–	275	84.4	1564	782	2000	900
113	CORRIDOR		–	–	–	–	–	–	–	–
114	KINDERGARTEN	1208	241	–			1812	906	2000	1000
115	WARDROBE SPACE	123	–	–	–	–	–	–	–	–
116	VESTIBULE	20	–	–	–	–	–	–	–	–
117	TOILET	36						72		75
118	STAIR HALL	283	–	–	–	–	–	–	–	–
119	JANITOR'S CLOSET	15	–	–	–	–	–	–	–	–
120	CLASS ROOM	800	160	–	220	75	1200	600	1200	600
121	CORRIDOR								–	–
122	CLASS ROOM	800	160	–	220	75	1200	600	1200	600
201	STAIR HALL	–	–	–	–	–	–	–	–	–
202	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
203	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
204	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
205	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
206	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
207	CORRIDOR	1425	–	–	–	–	–	–	–	–
208	GIRLS TOILET	202	20.2	10.1	225	14				410
209	JANITOR'S CLOSET	87.5	–	–	–	–	–	–	–	–
210	BOYS TOILET	189	18.9	9.5	225	14				390
211	CLASS ROOM	864	86.4	43.2			1296		2000	750
212	STORE ROOM	50	5	0.5	–	–	–	–	–	–
213	STAIR HALL	225			–	–	–	–	–	–
214	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
215	CORRIDOR									
216	CLASS ROOM	800	80	40	220	75	1200	600	1200	600

HEATING SYMBOLS

———	STEAM
– – – –	CONDENSATE RETURN
—PD— PD—	PUMP DISCHARGE
—OS— OS—	OIL SUPPLY
—OR— OR—	OIL RETURN
■ F.&T.	FLOAT & THERMOSTATIC TRAP
⋈	GATE VALVE
⋈	CHECK VALVE
⋈	STRAINER
—101—	CONTROL VALVE
⋈	ANGLE VALVE

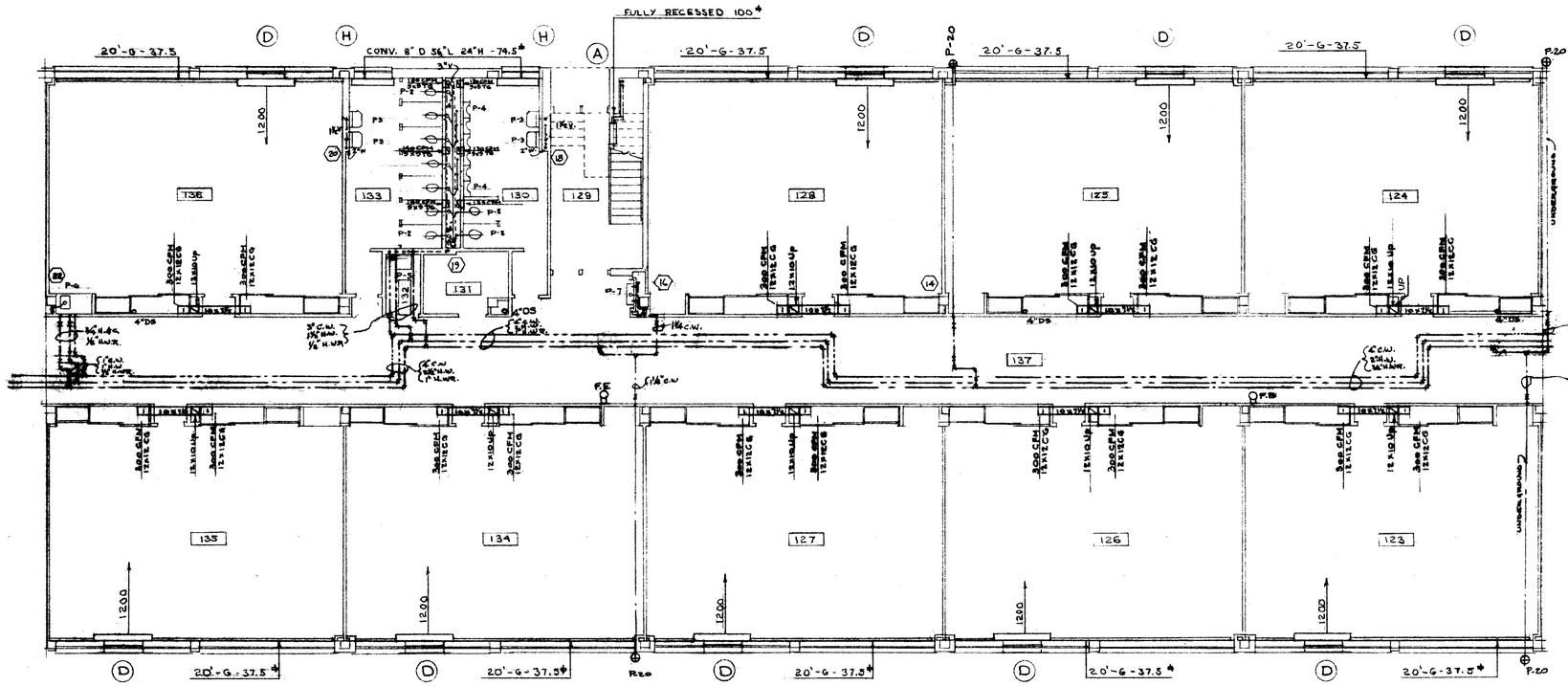
Certification of Authenticity for purpose of Microfilming. BOARD OF EDUCATION BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLUMBING, HEATING AND VENTILATING PLANS SOUTH UNIT
REVISIONS △ AT END OF JUN. 1958	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
JOB No 922	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. PHV 1
	FUGARD BURT WILKINSON & NORTH ARCHITECTS 220 NORTH MICHIGAN AVE. CHICAGO, ILL.



SECOND FLOOR PLAN
SCALE 1/8"=1'-0"

NOTE: C.G. CEILING GRILLES IN CLASS ROOMS ARE 6'-6" ABOVE FLOOR.

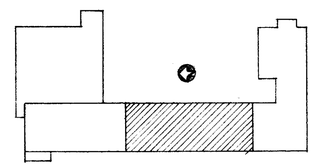


FIRST FLOOR PLAN
SCALE 1/8"=1'-0"

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

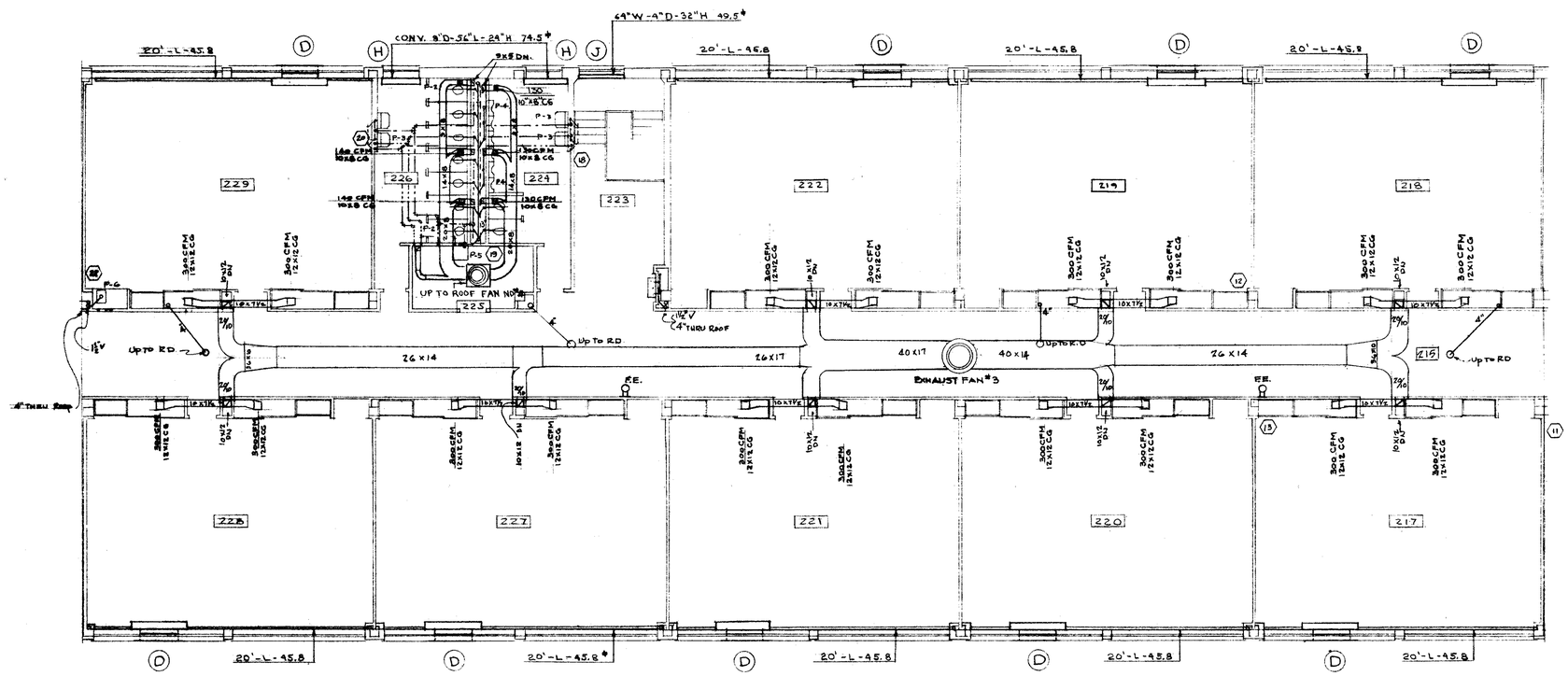
VENTILATION SCHEDULE

ROOM NO.	DESIGNATION	FLOOR AREA SQ.FT.	ORDINANCE REQ'D HEATING AREA SQ.FT.	ORDINANCE REQ'D VENT AREA SQ.FT.	ACTUAL HEATING AREA SQ.FT.	ACTUAL VENT AREA SQ.FT.	ORDINANCE REQ'D MECH. VENTILATION SUPPLY	ORDINANCE REQ'D MECH. VENTILATION EXHAUST	ACTUAL MECH. VENTILATION SUPPLY	ACTUAL MECH. VENTILATION EXHAUST
123	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
124	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
125	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
126	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
127	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
128	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
129	STAIR HALL	180	-	-	-	-	-	-	-	-
130	BOY'S TOILET	191	19	9.5	22.5	14	0	0	0	390
131	ELECT. ROOM	65	-	-	-	-	-	-	-	-
132	JANITOR'S CLOSET	26	-	-	-	-	-	-	-	-
133	GIRLS TOILET	216	21.6	10.8	22.5	14	0	0	0	410
134	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
135	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
136	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
137	CORRIDOR		-	-	-	-	-	-	-	-
215	CORRIDOR									
217	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
218	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
219	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
220	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
221	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
222	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
223	STAIR HALL	-	-	-	-	-	-	-	-	-
224	BOY'S TOILET	189	18.9	9.5	20.3	10.2				390
225	JANITOR'S CLOSET	98	9.8	4.9	0	0	0	0	0	0
226	GIRL'S TOILET	202	20.2	10.1	20.3	10.2				410
227	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
228	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
229	CLASS ROOM	800	80	40	220	75	1200	600	1200	600



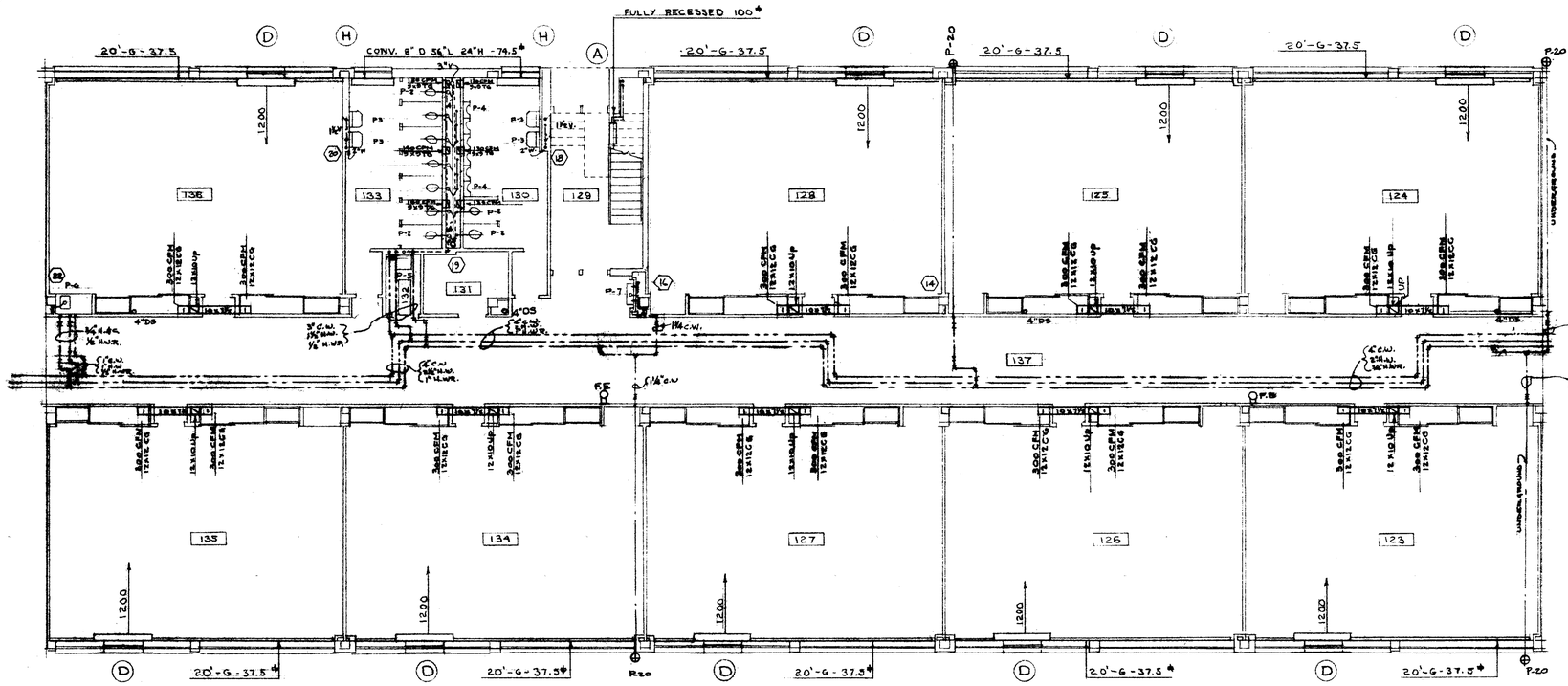
KEY PLAN

DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING PLANS CENTER UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. PHV 2
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO, ILL.



SECOND FLOOR PLAN
SCALE 1/8"=1'-0"

NOTE: C.G. CEILING GRILLES IN CLASS ROOMS ARE 6'-6" ABOVE FLOOR.

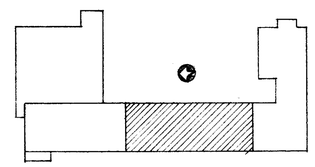


FIRST FLOOR PLAN
SCALE 1/8"=1'-0"

Certification of Authenticity for purpose of Microfilming.
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

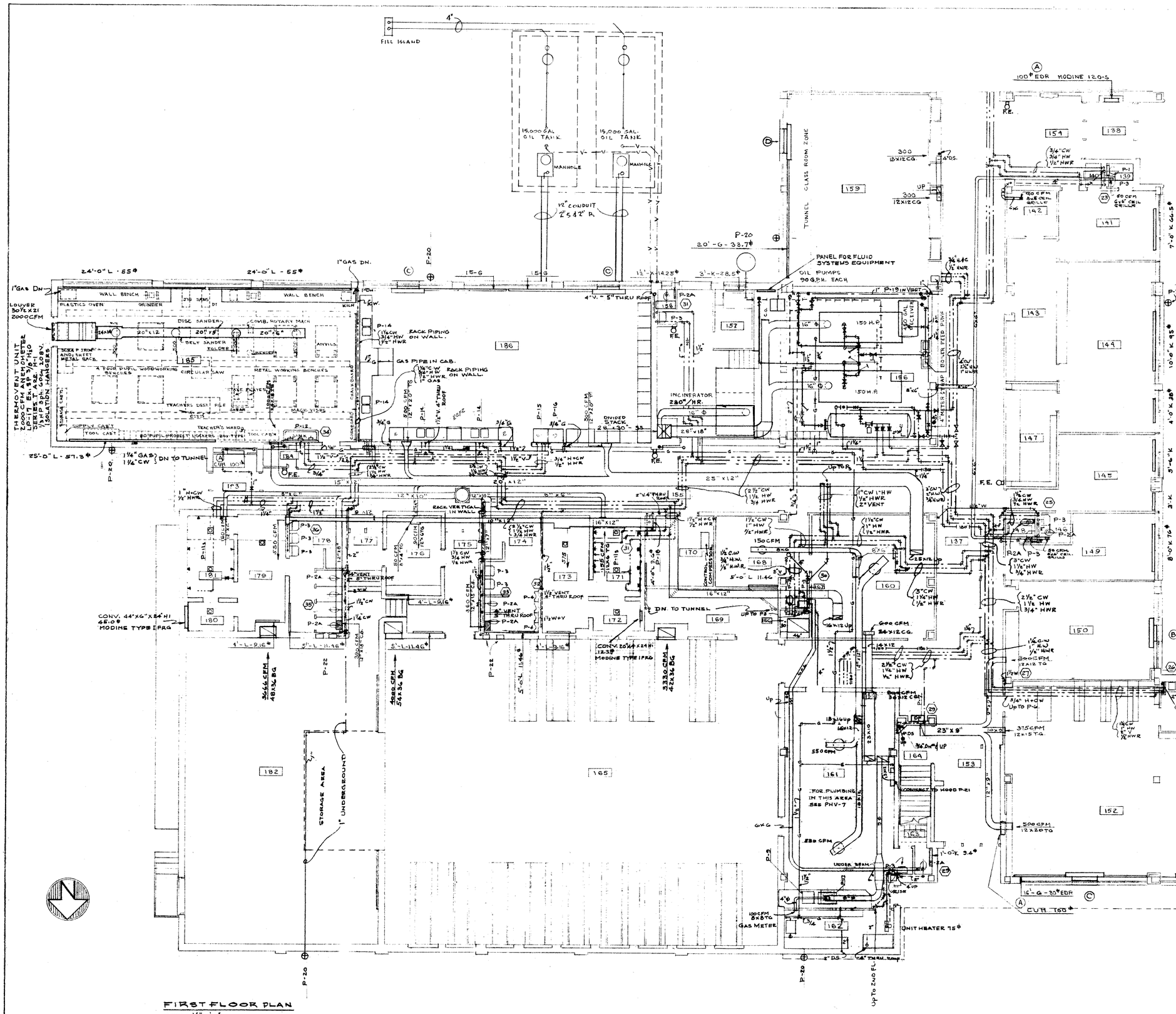
VENTILATION SCHEDULE

ROOM NO.	DESIGNATION	FLOOR AREA SQ.FT.	ORDINANCE REQ'D HEATING AREA SQ.FT.	ORDINANCE REQ'D VENT AREA SQ.FT.	ACTUAL HEATING AREA SQ.FT.	ACTUAL VENT AREA SQ.FT.	ORDINANCE REQ'D MECH. VENTILATION SUPPLY	ORDINANCE REQ'D MECH. VENTILATION EXHAUST	ACTUAL MECH. VENTILATION SUPPLY	ACTUAL MECH. VENTILATION EXHAUST
123	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
124	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
125	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
126	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
127	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
128	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
129	STAIR HALL	180	-	-	-	-	-	-	-	-
130	BOY'S TOILET	191	19	9.5	22.5	14	0	0	0	390
131	ELECT. ROOM	65	-	-	-	-	-	-	-	-
132	JANITOR'S CLOSET	26	-	-	-	-	-	-	-	-
133	GIRLS TOILET	216	21.6	10.8	22.5	14	0	0	0	410
134	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
135	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
136	CLASS ROOM	800	160	-	220	75	1200	600	1200	600
137	CORRIDOR		-	-	-	-	-	-	-	-
215	CORRIDOR									
217	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
218	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
219	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
220	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
221	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
222	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
223	STAIR HALL	-	-	-	-	-	-	-	-	-
224	BOY'S TOILET	189	18.9	9.5	20.3	10.2				390
225	JANITOR'S CLOSET	98	9.8	4.9	0	0	0	0	0	0
226	GIRL'S TOILET	202	20.2	10.1	20.3	10.2				410
227	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
228	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
229	CLASS ROOM	800	80	40	220	75	1200	600	1200	600



KEY PLAN

DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING PLANS CENTER UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO — SHEET NO. PHV 2
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO, ILL.



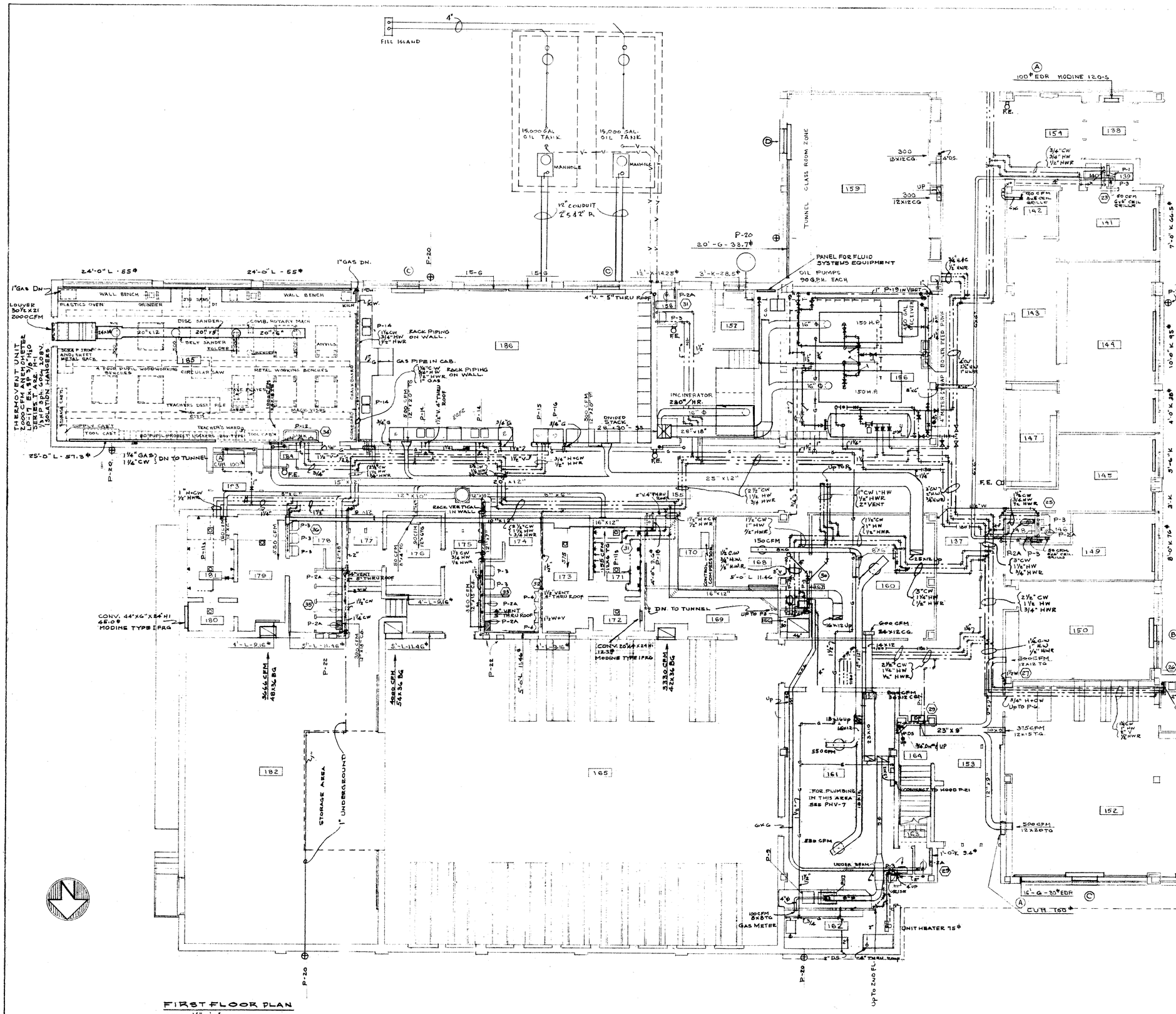
VENTILATION SCHEDULE

Room No.	Designation	Floor Area Sq. Ft.	Ordinance 1969 Min. Ventilation Supply Sq. Ft.	Ordinance 1969 Min. Ventilation Exhaust Sq. Ft.	Actual Supply Area Sq. Ft.	Actual Exhaust Area Sq. Ft.	Ordinance 1969 Mech. Ventilation Supply	Ordinance 1969 Mech. Ventilation Exhaust	Actual Mech. Ventilation Supply	Actual Mech. Ventilation Exhaust
137	CORRIDOR		–	–	–	–	–	–	–	–
138	VESTIBULE	80	–	–	–	–	–	–	–	–
139	TOILET	19.1	–	–	0	0	–	50		50
140	CLOSET	10.8	–	–	–	–	–	–	–	–
141	PRINCIPALS OFFICE	192	19.2	9.6	82.5	23.4	–	–	–	–
142	OFFICE STORAGE	68	–	–	–	–				90
143	WAITING SPACE		–	–	0	0	–	–	–	210
144	GENERAL OFFICE	697	69.7	34.9	192.5	70.5	–	–	–	–
145	NURSE'S OFFICE	2404	24	12	82.5	32.9	–	–	–	–
146	TOILET	25	2.5	1.25	0	0		50		50
147	FILE STORAGE	148.75	0	0	0	0		–		–
148	TOILET	25	2.5	1.25	0	0		50		50
149	MEN'S FACULTY RM.	223.6	22.4	11.2	82.5	23.5	–	–	–	–
150	ADJUSTMENT RM.	400	40	20	110	37.5	–	–	–	–
151	LIBRARY WORK RM.	100	10	5	55	18.7	–	–	–	–
152	LIBRARY	1130	113	56.5	398		1695	–	1750	875
153	VESTIBULE	280	–	–	–	–	–	–	–	–
154	LOBBY		–	–	–	–	–	–	–	–
155	CORRIDOR		–	–	–	–	–	–	–	–
156	BOILER ROOM		–	–	–	–	–	–	–	–
157	ENGINEER'S OFFICE	65	6.5	3.2	19.8	12				
158	TOILET	18	1.8	.9	11.3	6				
159	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
160	FACULTY DINING RM.	441	44.1	22	–	–	705	705	750	710
161	SERVING KITCHEN	703			0	0	1054	2812	1100	2820
162	DRY STORES	120			0	0	–			
163	TOILET	23	2.3	1.2	3	1.5	–	50	–	50
164	STAIR HALL									
165	BOY'S GYMNASIUM	3458	3458	172.9	330	165	10374	5187	11,000	11,000
166	PUMP ROOM		–	–	–	–	–	–	–	–
167	TOILET	25	–	–	–	–	–	50		50
168	FACULTY ROOM	190	19	9.5	0	0	114	57	150	60
169	GYMNASIUM STORAGE	161	–	–	–	–	–	–	–	–
170	JANITOR'S STORAGE	144	14.4	7.2	–	–	63	50		
171	BOY'S SHOWER	106	10.6	5.3			–	106		155
172	BOY'S DRYING	40	4.0	2.0	0	0	–	40	0	50
173	BOY'S LOCKER RM.	160	16	8	0	0	0	64	515	195
174	BOY'S TOILET	180	18	9	0	0		360	0	360
175	PASSAGE	102	0	0	0	0	0	0	0	0
176	PHYS. ED. OFFICE	148	14.8	7.4	0	0	90	50	90	50
177	PASSAGE	94	0	0	0	0	0	0	0	0
178	GIRL'S TOILET	195	19.5	9.8	0	0		390		390
179	GIRL'S LOCKER RM.	152	15.2	7.6	0	0	0	61	550	185
180	GIRL'S DRYING	40						40		50
181	GIRL'S SHOWER	120			0	0		120		120
182	GIRL'S GYMNASIUM	1716	171.6	858			5148	2574	5500	5500
183	VESTIBULE		–	–	–	–	–	–	–	–
184	CLOSET									
185	CLASSROOM	1333	1333	66.7	330	112.5	2000	1000	2000	1000
186	HOME MAKING	1308	1308	654	330	112.5	1962	981	2000	1000

FIRST FLOOR PLAN
SCALE 1/8"=1'-0"

Certification of Authenticity for purpose of Microfilming.
645 BOARD OF EDUCATION
29 BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING FIRST FLOOR PLAN NORTH UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	FUGARD BURT VILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL. — SHEET NO. PHV 3



VENTILATION SCHEDULE

Room No.	Designation	Floor Area Sq. Ft.	Ordinance 1969 Min. Ventilation Supply Sq. Ft.	Ordinance 1969 Min. Ventilation Exhaust Sq. Ft.	Actual Supply Area Sq. Ft.	Actual Exhaust Area Sq. Ft.	Ordinance 1969 Mech. Ventilation Supply	Ordinance 1969 Mech. Ventilation Exhaust	Actual Mech. Ventilation Supply	Actual Mech. Ventilation Exhaust
137	CORRIDOR		–	–	–	–	–	–	–	–
138	VESTIBULE	80	–	–	–	–	–	–	–	–
139	TOILET	19.1	–	–	0	0	–	50		50
140	CLOSET	10.8	–	–	–	–	–	–	–	–
141	PRINCIPALS OFFICE	192	19.2	9.6	82.5	23.4	–	–	–	–
142	OFFICE STORAGE	68	–	–	–	–				90
143	WAITING SPACE		–	–	0	0	–	–	–	210
144	GENERAL OFFICE	697	69.7	34.9	192.5	70.5	–	–	–	–
145	NURSE'S OFFICE	2404	24	12	82.5	32.9	–	–	–	–
146	TOILET	25	2.5	1.25	0	0		50		50
147	FILE STORAGE	148.75	0	0	0	0		–		–
148	TOILET	25	2.5	1.25	0	0		50		50
149	MEN'S FACULTY RM.	223.6	22.4	11.2	82.5	23.5	–	–	–	–
150	ADJUSTMENT RM.	400	40	20	110	37.5	–	–	–	–
151	LIBRARY WORK RM.	100	10	5	55	18.7	–	–	–	–
152	LIBRARY	1130	113	56.5	398		1695	–	1750	875
153	VESTIBULE	280	–	–	–	–	–	–	–	–
154	LOBBY		–	–	–	–	–	–	–	–
155	CORRIDOR		–	–	–	–	–	–	–	–
156	BOILER ROOM		–	–	–	–	–	–	–	–
157	ENGINEER'S OFFICE	65	6.5	3.2	19.8	12				
158	TOILET	18	1.8	.9	11.3	6				
159	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
160	FACULTY DINING RM.	441	44.1	22	–	–	705	705	750	710
161	SERVING KITCHEN	703			0	0	1054	2812	1100	2820
162	DRY STORES	120			0	0	–			
163	TOILET	23	2.3	1.2	3	1.5	–	50	–	50
164	STAIR HALL									
165	BOY'S GYMNASIUM	3458	3458	172.9	330	165	10374	5187	11,000	11,000
166	PUMP ROOM		–	–	–	–	–	–	–	–
167	TOILET	25	–	–	–	–	–	50		50
168	FACULTY ROOM	190	19	9.5	0	0	114	57	150	60
169	GYMNASIUM STORAGE	161	–	–	–	–	–	–	–	–
170	JANITOR'S STORAGE	144	14.4	7.2	–	–	63	50		
171	BOY'S SHOWER	106	10.6	5.3			–	106		155
172	BOY'S DRYING	40	4.0	2.0	0	0	–	40	0	50
173	BOY'S LOCKER RM.	160	16	8	0	0	0	64	515	195
174	BOY'S TOILET	180	18	9	0	0		360	0	360
175	PASSAGE	102	0	0	0	0	0	0	0	0
176	PHYS. ED. OFFICE	148	14.8	7.4	0	0	90	50	90	50
177	PASSAGE	94	0	0	0	0	0	0	0	0
178	GIRL'S TOILET	195	19.5	9.8	0	0		390		390
179	GIRL'S LOCKER RM.	152	15.2	7.6	0	0	0	61	550	185
180	GIRL'S DRYING	40						40		50
181	GIRL'S SHOWER	120			0	0		120		120
182	GIRL'S GYMNASIUM	1716	171.6	858			5148	2574	5500	5500
183	VESTIBULE		–	–	–	–	–	–	–	–
184	CLOSET									
185	CLASSROOM	1333	1333	66.7	330	112.5	2000	1000	2000	1000
186	HOME MAKING	1308	1308	654	330	112.5	1962	981	2000	1000

FIRST FLOOR PLAN
SCALE 1/8"=1'-0"

Certification of Authenticity for purpose of Microfilming.
645 BOARD OF EDUCATION
29 BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING FIRST FLOOR PLAN NORTH UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	FUGARD BURT VILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL. — SHEET NO. PHV 3

VENTILATION SCHEDULE

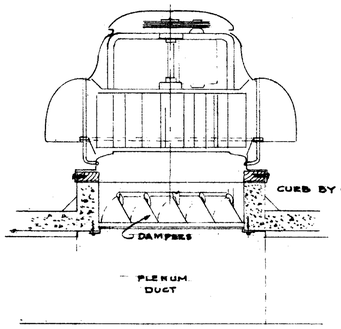
ROOM NO.	DESIGNATION	FLOOR AREA SQ. FT.	ORDINANCE REQ'D. GLASS SQ. FT.	ORDINANCE REQ'D. VENT. SQ. FT.	ACTUAL GLASS SQ. FT.	ACTUAL VENT. SQ. FT.	ORDINANCE REQ'D. MECH. VENTILATION SUPPLY	ORDINANCE REQ'D. MECH. VENTILATION EXHAUST	ACTUAL MECH. VENTILATION SUPPLY	ACTUAL MECH. VENTILATION EXHAUST
230	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
231	CLASS ROOM	800	80		220	75	1200	600	1200	600
232	CLASS ROOM	800	80		220	75	1200	600	1200	600
233	CLASS ROOM	800	80		220	75	1200	600	1200	600
234	GIRL'S TOILET	202	20.2	10.1	20.3	10.2				410
235	JANITOR'S CLOSET	98	9.8	4.9	0	0	0	0		
236	BOY'S TOILET	189	18.9	9.5	20.3	10.2				390
237	MECHANICAL ROOM	546	0	0	0	0	0	0		
238	TOILET	408	4.1	2				80		100
239	WOMEN FACULTY RM.	352	35.2	17.6	110	37.5	0	0	0	0
240	STAIR HALL	374								
241	CORRIDOR									
242	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
243	CLASS ROOM	800	80	40	220	75	1200	600	1200	600

FAN DATA

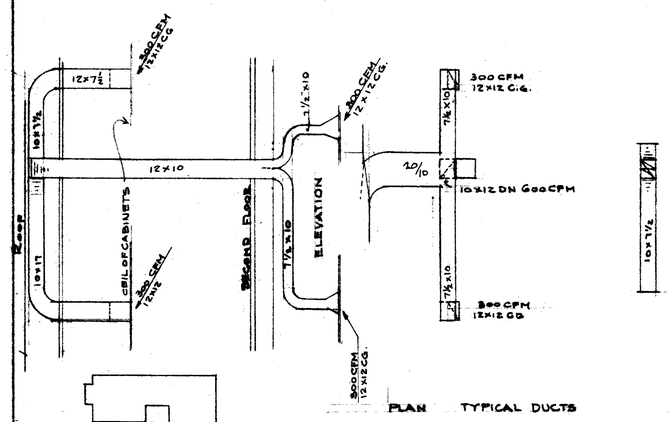
NO.	TYPE + MFG'RS NUMBER	DISC	CFM	Ex. S.P.	STM. COIL	FILTERS	FAN RPM	FAN BHP	FAN O.V.	NOISE ISOL.	MOTOR H.P.	MOTOR RPM	MOTOR VOLTS	MOTOR PH.	MOTOR CY.
S-1	MULTITHERM 4120	THD	16,800	3/8"	1-ROW 34.36 ft	20-20X25	335	2.8	1600	BASE	3	1150	208	3	60
S-2	" 1210	THD	1215	3/8	1-ROW 2.63 ft	2-16X20	897	0.15	1100	HANG	1/4	1750	120	1	60
S-3	" 1215	B.D.	2000	3/8	1-ROW 4.73 ft	2-20X25	755	0.26	1320	"	1/3	"	120	1	60

DAMPERS

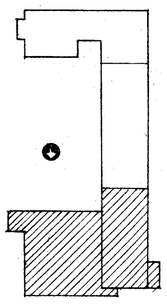
E-1	JENN-AIR #30CR		1060	1/4"		TYPE A					1/4		120	1	60
E 2	" " #36SBCR		10,150	3/8"		" B					3		208	3	60
E 3	" " #36SBCR		10,800	3/8"		" B					3		208	3	60
E 4	" " #16ZBCR		1,600	1/4"		" B					1/4		120	1	60
E 5	" " #33ZBCR		7765	3/8"		" B					1 1/2		208	3	60
E 6	" " #101CR		950	1/4"		" A					1/4		120	1	60
E 7	CLARAGE #NH 33	UB	2910	1"			1313	.758	1800 1800	BASE	3/4	1750	208	3	60
E 8	" #NH 33	UB	2000	3/8"			889	.236	1300	BASE	1/4	1750	120	1	60
E 9	JENN AIR #70 CR		260	1/4"		TYPE A					1/6		120	1	60
E 10	" " #36 4BCR		11,000	1/8"		" B					2		208	3	60
E 11	" " #30ZBCR		5,500	1/8"		" B					3/4		208	3	60
E 12	" " #16ZBCR		1460	1/4"		" B					1/4		120	1	60
E 13	CLARAGE READY UNIT	BHD	910	4		-	880			HANG	1/4	1750	120	1	60



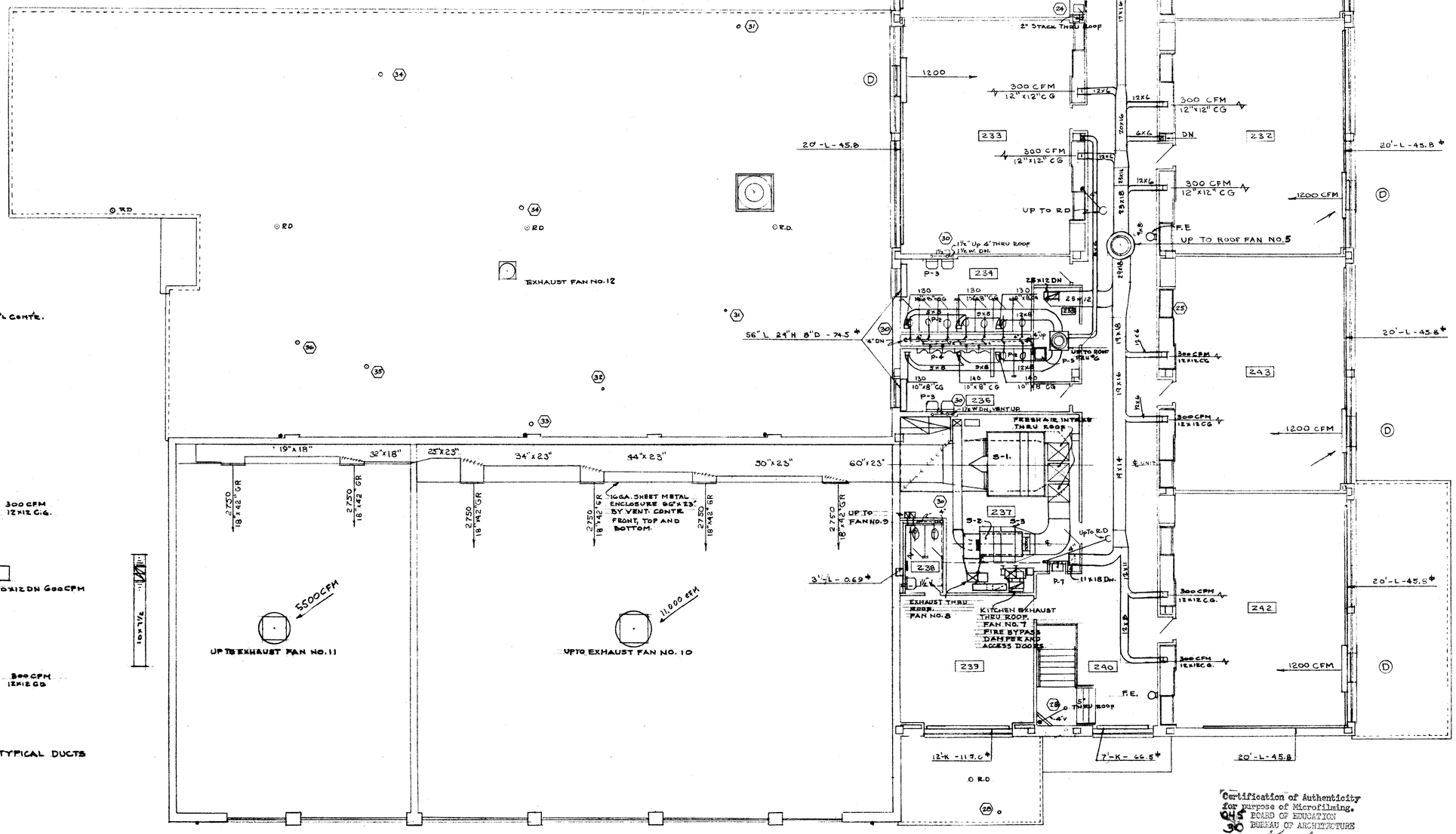
EXHAUST FAN MTG.



PLAN TYPICAL DUCTS



KEY PLAN



SECOND FLOOR PLAN

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

Certification of Authenticity for purpose of Microfilming.
OPS BOARD OF EDUCATION
30 BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING SECOND FLOOR PLAN NORTH UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
JOB NO. 922	BOARD OF EDUCATION CITY OF CHICAGO
	FUGARD BURT WILKINSON & GRITH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL. — SHEET NO. PHV 4

VENTILATION SCHEDULE

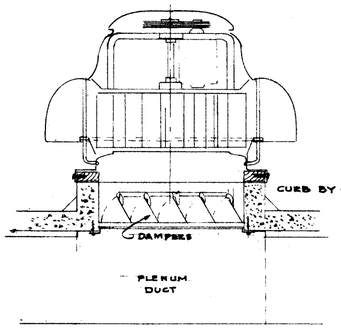
ROOM NO.	DESIGNATION	FLOOR AREA SQ. FT.	ORDINANCE REQ'D. GLASS SQ. FT.	ORDINANCE REQ'D. VENT. SQ. FT.	ACTUAL GLASS SQ. FT.	ACTUAL VENT. SQ. FT.	ORDINANCE REQ'D. MECH. VENTILATION SUPPLY	ORDINANCE REQ'D. MECH. VENTILATION EXHAUST	ACTUAL MECH. VENTILATION SUPPLY	ACTUAL MECH. VENTILATION EXHAUST
230	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
231	CLASS ROOM	800	80		220	75	1200	600	1200	600
232	CLASS ROOM	800	80		220	75	1200	600	1200	600
233	CLASS ROOM	800	80		220	75	1200	600	1200	600
234	GIRL'S TOILET	202	20.2	10.1	20.3	10.2				410
235	JANITOR'S CLOSET	98	9.8	4.9	0	0	0	0		
236	BOY'S TOILET	189	18.9	9.5	20.3	10.2				390
237	MECHANICAL ROOM	546	0	0	0	0	0	0		
238	TOILET	408	4.1	2				80		100
239	WOMEN FACULTY RM.	352	35.2	17.6	110	37.5	0	0	0	0
240	STAIR HALL	374								
241	CORRIDOR									
242	CLASS ROOM	800	80	40	220	75	1200	600	1200	600
243	CLASS ROOM	800	80	40	220	75	1200	600	1200	600

FAN DATA

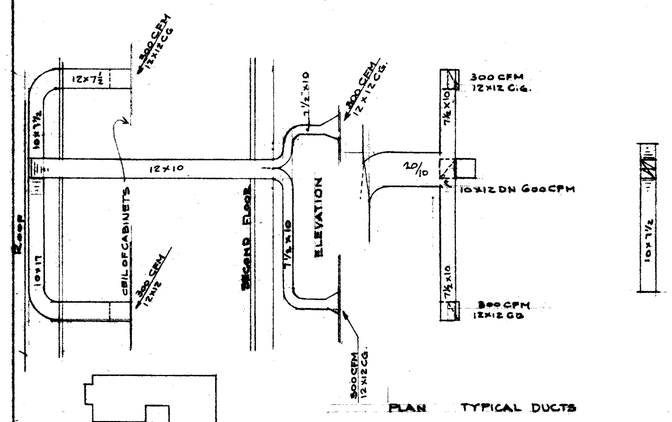
NO.	TYPE + MFG'RS NUMBER	DISC	CFM	Ex. S.P.	STM. COIL	FILTERS	FAN RPM	FAN BHP	FAN O.V.	NOISE ISOL.	MOTOR H.P.	MOTOR RPM	MOTOR VOLTS	MOTOR PH.	MOTOR CY.
S-1	MULTITHERM 4120	THD	16,800	3/8"	1-ROW 34.36 ft	20-20X25	335	2.8	1600	BASE	3	1150	208	3	60
S-2	" 1210	THD	1215	3/8	1-ROW 2.63 ft	2-16X20	897	0.15	1100	HANG	1/4	1750	120	1	60
S-3	" 1215	B.D.	2000	3/8	1-ROW 4.73 ft	2-20X25	755	0.26	1320	"	1/3	"	120	1	60

DAMPERS

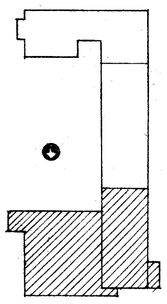
E-1	JENN-AIR #30CR		1060	1/4"		TYPE A					1/4		120	1	60
E 2	" " #36SBCR		10,150	3/8"		" B					3		208	3	60
E 3	" " #36SBCR		10,800	3/8"		" B					3		208	3	60
E 4	" " #16ZBCR		1,600	1/4"		" B					1/4		120	1	60
E 5	" " #33ZBCR		7765	3/8"		" B					1 1/2		208	3	60
E 6	" " #101CR		950	1/4"		" A					1/4		120	1	60
E 7	CLARAGE #NH 33	UB	2910	1"			1313	.758	1800 1800	BASE	3/4	1750	208	3	60
E 8	" #NH 33	UB	2000	3/8"			889	.236	1300	BASE	1/4	1750	120	1	60
E 9	JENN AIR #70 CR		260	1/4"		TYPE A					1/6		120	1	60
E 10	" " #36 4BCR		11,000	1/8"		" B					2		208	3	60
E 11	" " #30ZBCR		5,500	1/8"		" B					3/4		208	3	60
E 12	" " #16ZBCR		1460	1/4"		" B					1/4		120	1	60
E 13	CLARAGE READY UNIT	BHD	910	4		-	880			HANG	1/4	1750	120	1	60



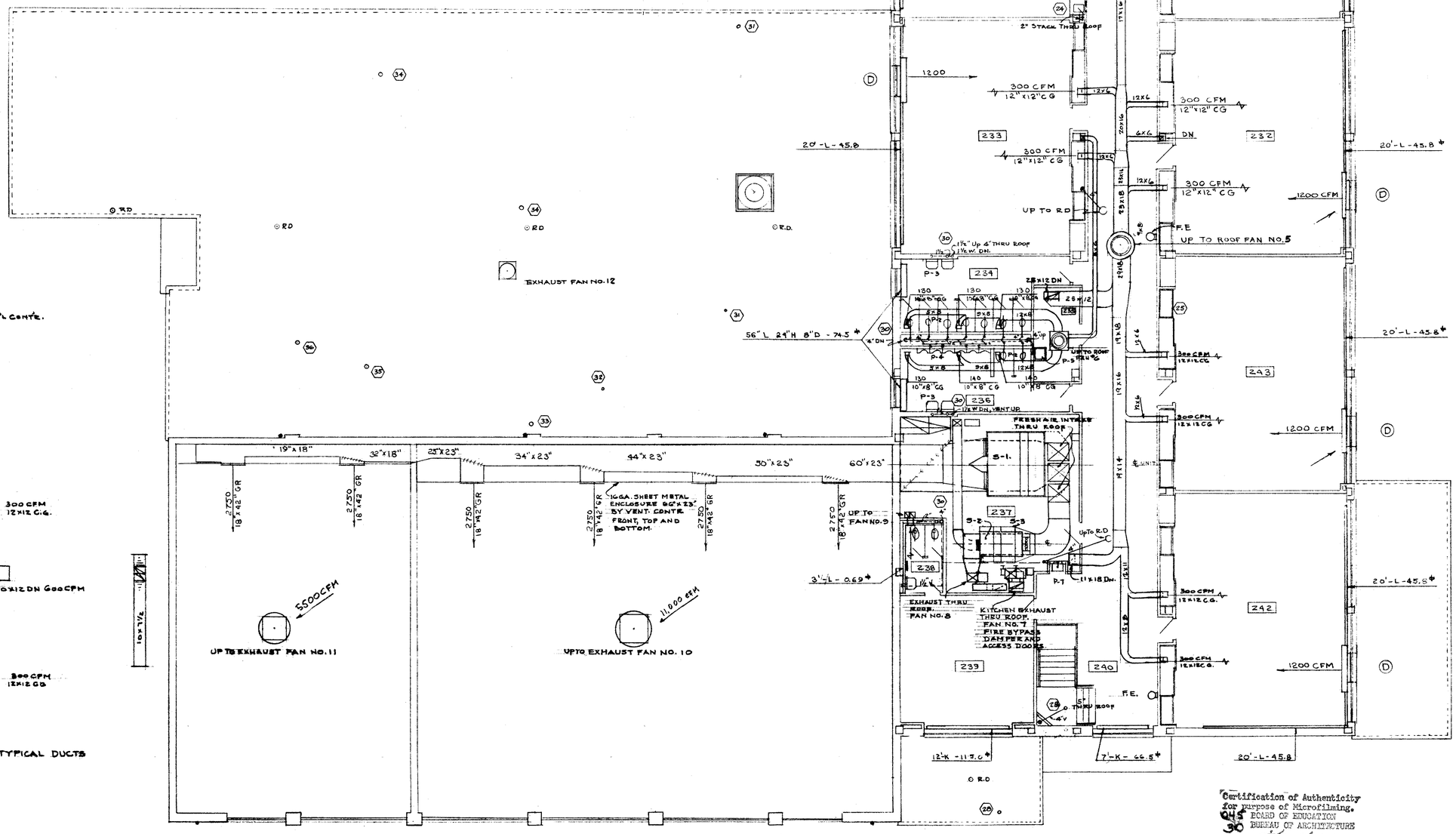
EXHAUST FAN MTG.



PLAN TYPICAL DUCTS



KEY PLAN



SECOND FLOOR PLAN

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

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Director

DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING SECOND FLOOR PLAN NORTH UNIT
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
JOB NO. 922	BOARD OF EDUCATION CITY OF CHICAGO
	FUGARD BURT WILKINSON & GRITH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL. — SHEET NO. PHV 4

FIRST FLOOR PLAN (BELOW FL. LINE) SOUTH UNIT

SCALE 1/8"=1'-0"

FIRST FLOOR PLAN (BELOW FL. LINE) CENTER UNIT

SCALE 1/8"=1'-0"

NOTE: FOR CONTINUATION OF ALL LINES LEAVING BUILDING SEE PHE-A.

KEY PLAN

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BUREAU OF ARCHITECTURE
Director

DATE OCT. 10, 1956	PLUMBING AND HEATING FIRST PLANS (BELOW FL. LINE) CENTER & SOUTH UNIT	
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET NO. PHVE
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.	5

FIRST FLOOR PLAN (BELOW FL. LINE) SOUTH UNIT

SCALE 1/8"=1'-0"

FIRST FLOOR PLAN (BELOW FL. LINE) CENTER UNIT

SCALE 1/8"=1'-0"

NOTE: FOR CONTINUATION OF ALL LINES LEAVING BUILDING SEE PHE-A.

KEY PLAN

Certification of Authenticity
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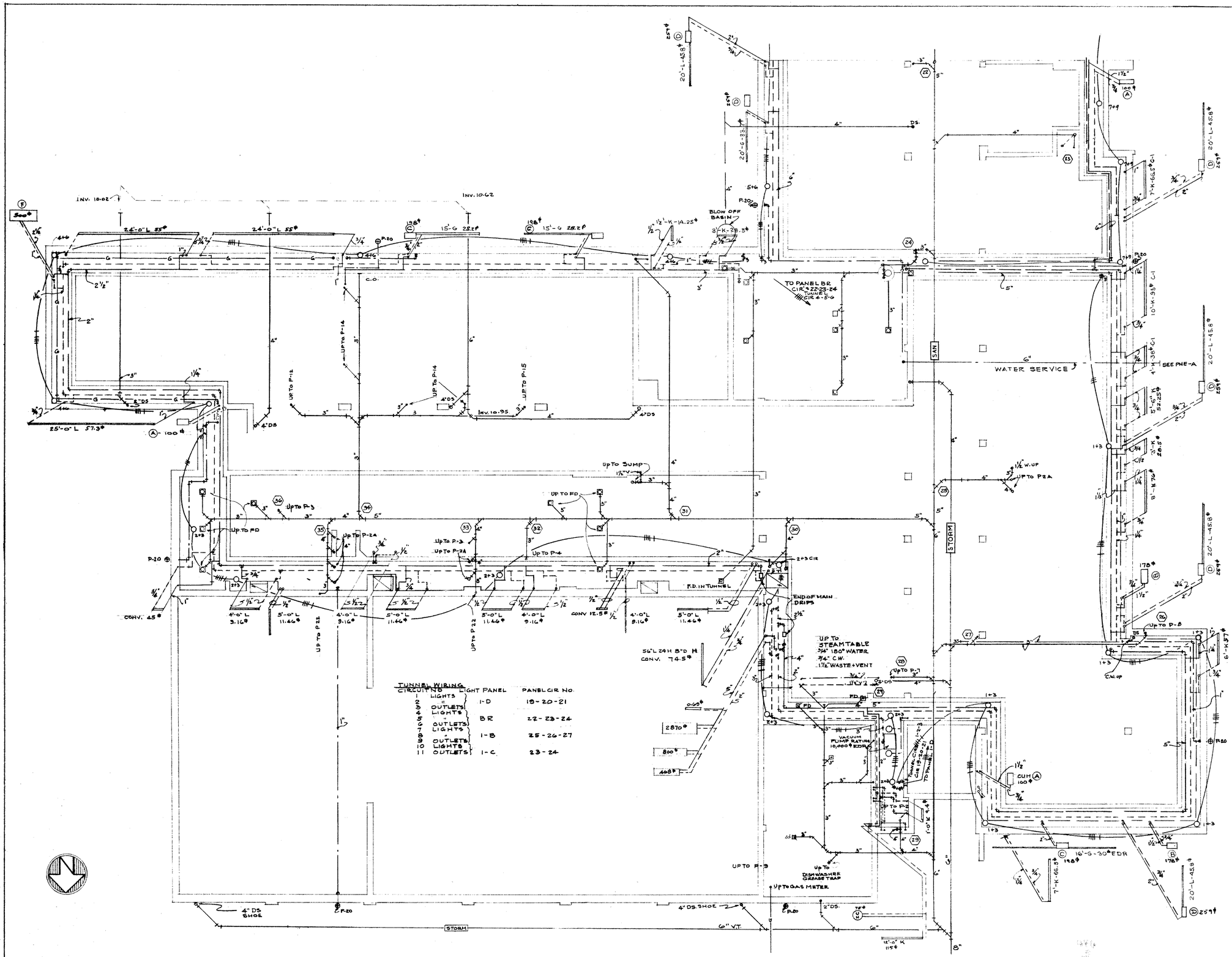
Director

DATE OCT. 10, 1956	PLUMBING AND HEATING FIRST PLANS (BELOW FL. LINE) CENTER & SOUTH UNIT	
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET NO. PHVE 5
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.	



FIRST FLOOR PLAN (BELOW FLOOR LINE)
SCALE 1/8" = 1'-0"

KEY PLAN

NOTE: FOR CONTINUATION OF ALL LINES LEAVING BLDG SEE PHE-A.

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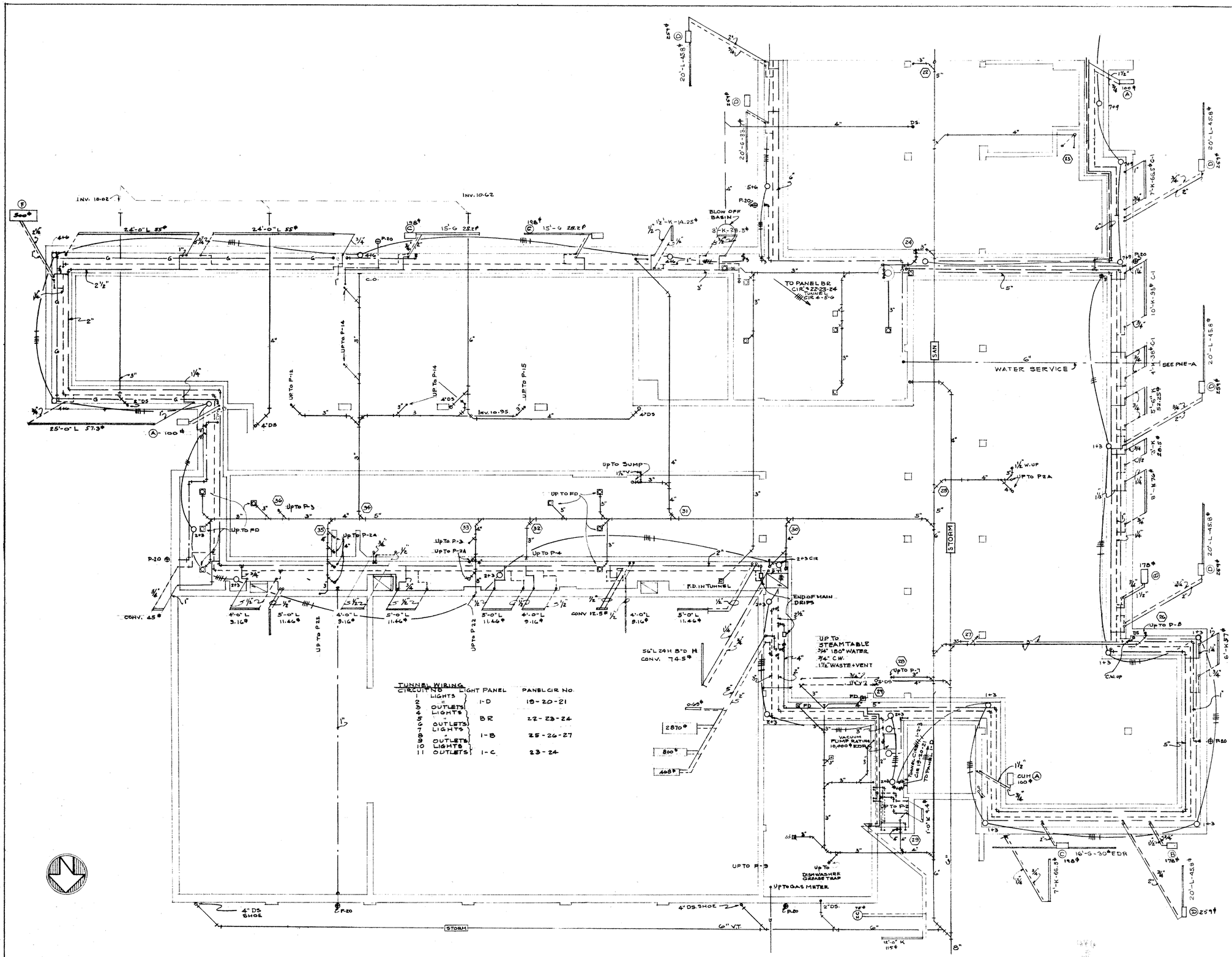
DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING
REVISIONS	FIRST FLOOR PLAN (BELOW FL. LINE) NORTH UNIT
	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	SHEET NO. PHVE 6
	EUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO, ILL



FIRST FLOOR PLAN (BELOW FLOOR LINE)
SCALE 1/8" = 1'-0"

KEY PLAN

NOTE: FOR CONTINUATION OF ALL LINES LEAVING BLDG SEE PHE-A.

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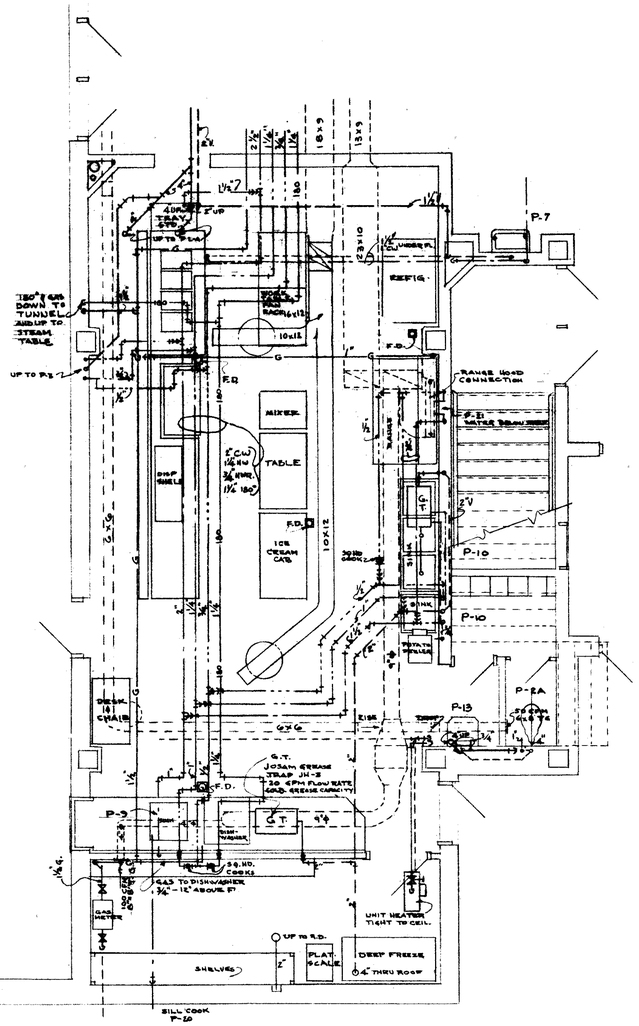
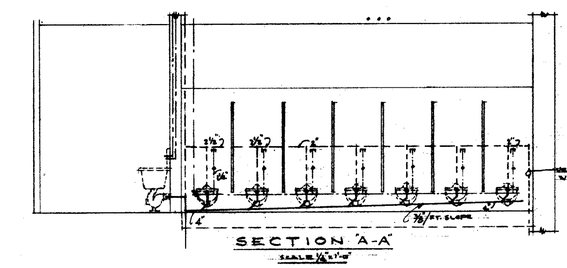
Director

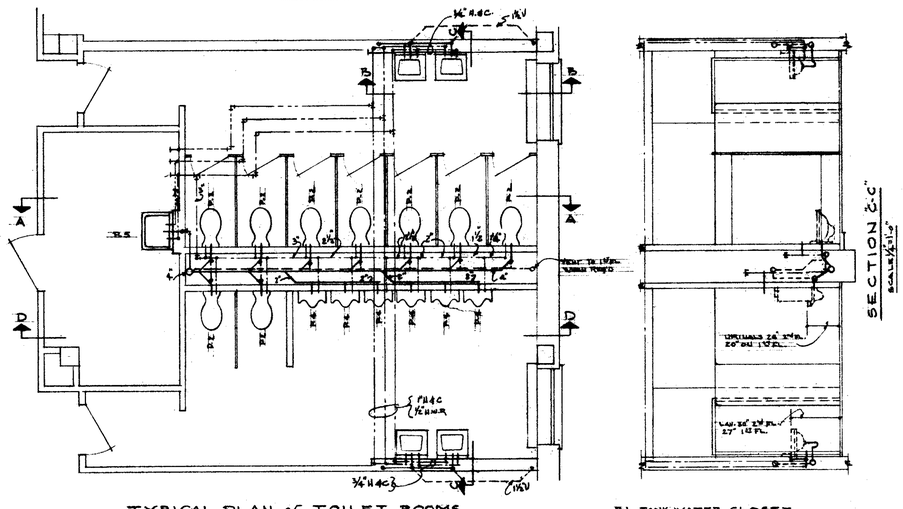
DATE OCT. 10, 1956	PLUMBING HEATING AND VENTILATING
REVISIONS	FIRST FLOOR PLAN (BELOW FL. LINE) NORTH UNIT
	CRISPUS ATTUCKS ELEMENTARY SCHOOL
	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO
JOB NO 922	SHEET NO. PHVE 6
	EUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO, ILL

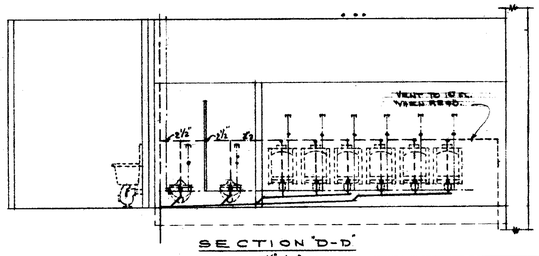


PLAN of SERVING KITCHEN
SCALE ½" =1'-0"

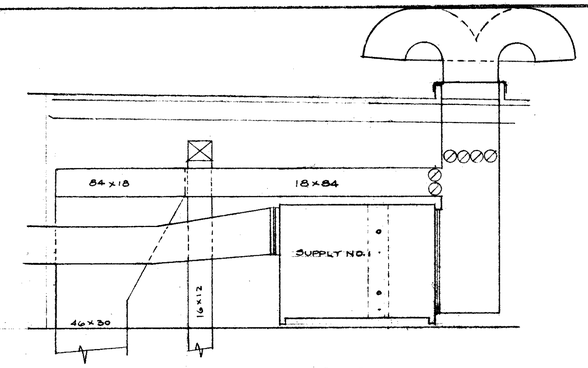
FOR BALANCE OF WATER RISER DIAGRAM SEE SHEET P-5.

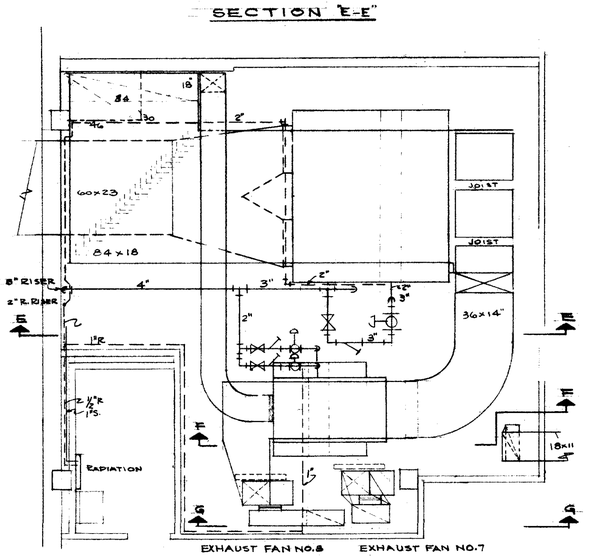




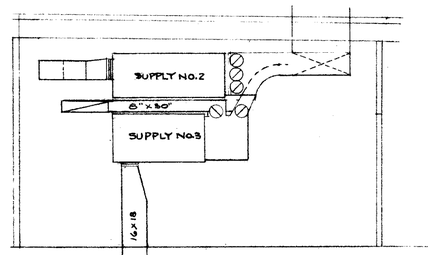


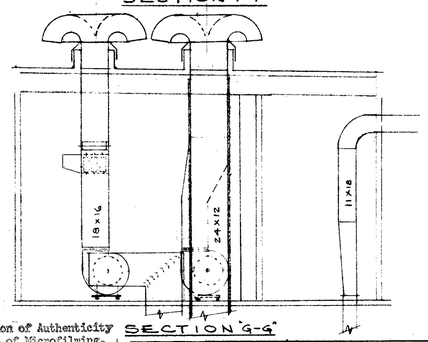
P-1 TANK WATER CLOSET
P-1A F.V. WATER CLOSET WALL HUNG
P-2A F.V. WATER CLOSET FLOOR MOUNTED
P-3 LAVATORY
P-4 URINAL WALL HUNG -F.V.
P-5 SERVICE SINK
P-6 CLASS ROOM COUNTER SINK
P-7 DRINKING FOUNTAIN
P-8 COUNTER SINK
P-9 PREWASH SINK (KITCHEN)
P-10 KITCHEN SINK
P-11 SHOWER BATH (PIPING & VALVES)
P-12 WASH SINK (INDUSTRIAL ARTS)
P-13 LAVATORY 17"x19"
P-14 DOUBLE COMP. COUNTER SINK
R-15 AUTOMATIC WASHER GATE VALVES & CHECKS IN H & C.
P-16 GAS FIRED DRYER
P-17 DISHWASHER VACUM BKRS. & GATE VALVE
P-18 JANITORS SUMP
P-19 HOSE BIBB.
P-20 NON-FREEZE SILL COCK
P-21 KITCHEN RANGE OUTLET
P-22 CUSPITOR / DRINKING FOUNTAIN RECESS SINGLE

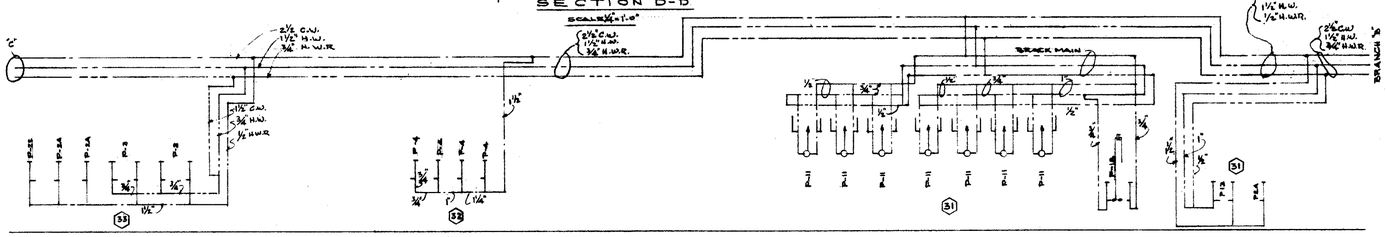


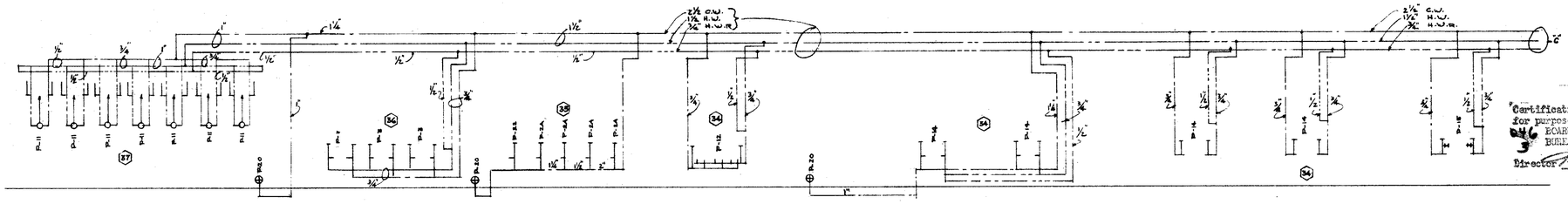


PLAN of MECHANICAL RM. #237









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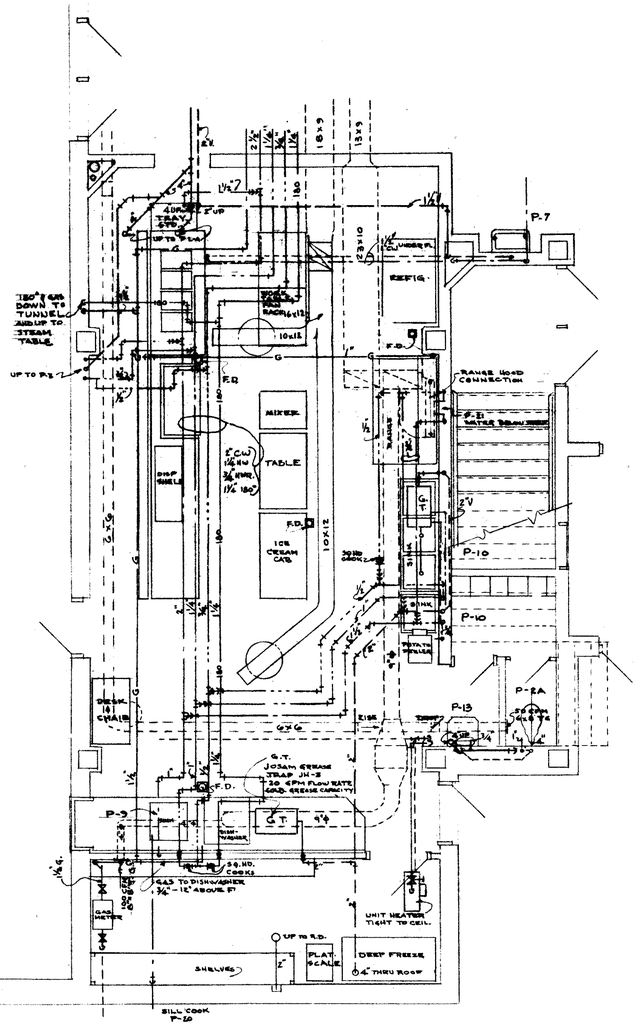
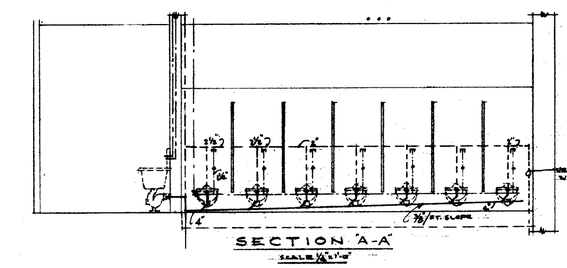
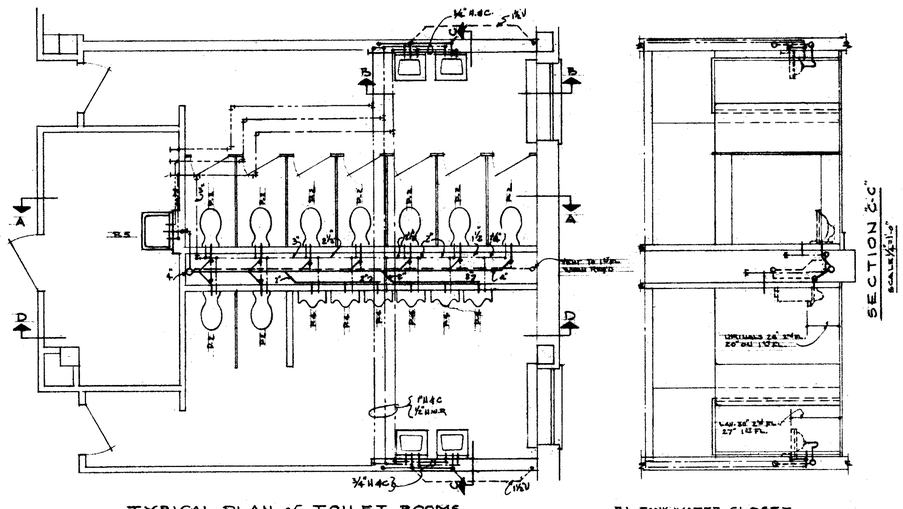
DATE OCT. 10, 1956	PLUMBING DETAILS	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO, ILL.	SHEET NO. PHV 7

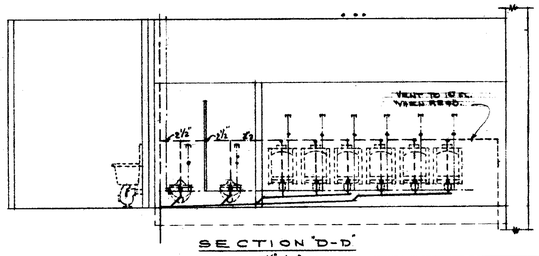


PLAN of SERVING KITCHEN
SCALE ½" =1'-0"

FOR BALANCE OF WATER RISER DIAGRAM SEE SHEET P-5.







P-1 TANK WATER CLOSET
P-1A F.V. WATER CLOSET WALL HUNG
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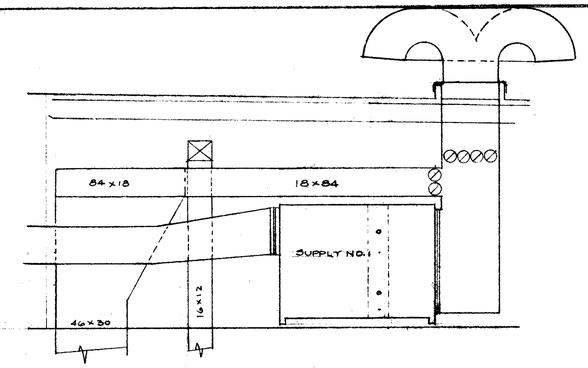
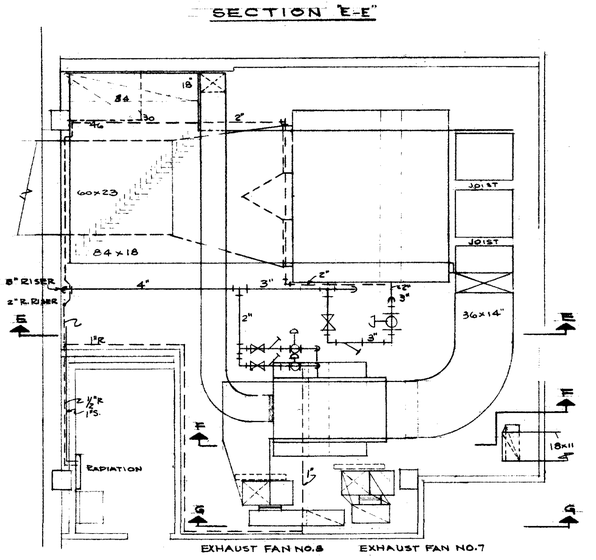
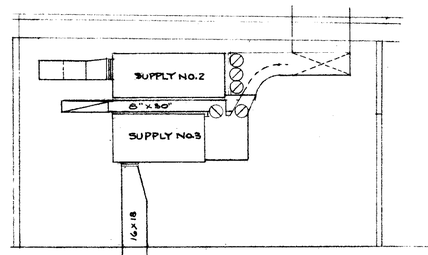
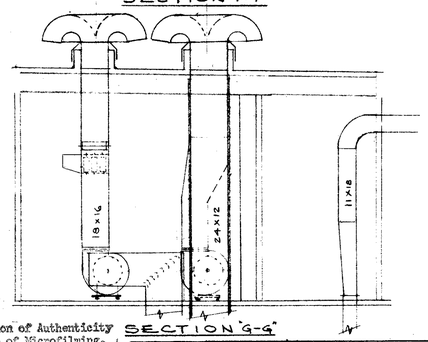
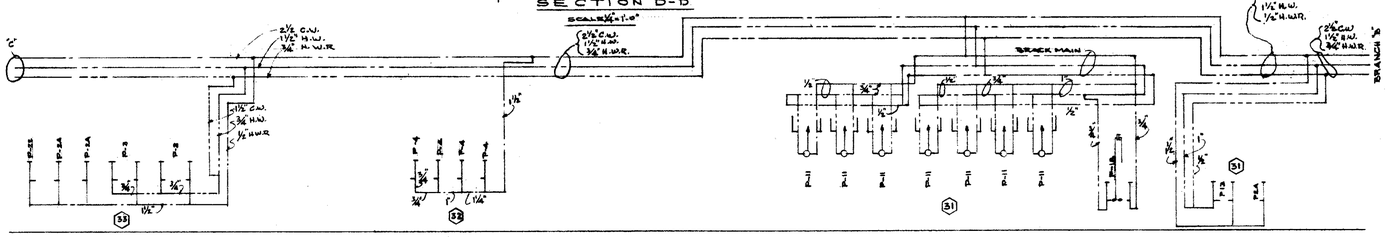


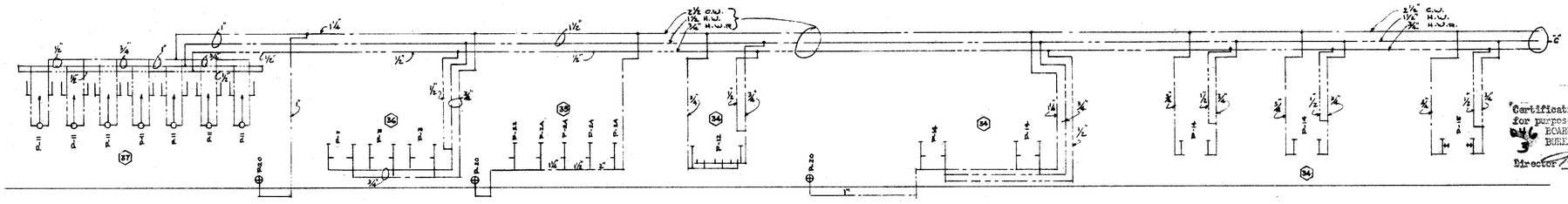


PLAN of MECHANICAL RM. #237









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Director

DATE OCT. 10, 1956	PLUMBING DETAILS	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	
JOB NO 922	FUGARD BURT WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO, ILL.	SHEET NO. PHV 7

SECOND FLOOR PLAN - SOUTH UNIT "Y"
SCALE 1/8"=1'-0"

FIRST FLOOR & FOUNDATION PLAN - SOUTH UNIT
SCALE 1/8"=1'-0"

SECTION "B-B"
SCALE 3/8"=1'-0"

SECTION "C-C"
SCALE 3/8"=1'-0"

SECTION D-D
SCALE 3/8"=1'-0"

6" CONCRETE FLOOR SLAB WITH 6"x6"/#6x#6 W.W.M.

NOTE! FOR SECTION "A-A" SEE SHEET S2

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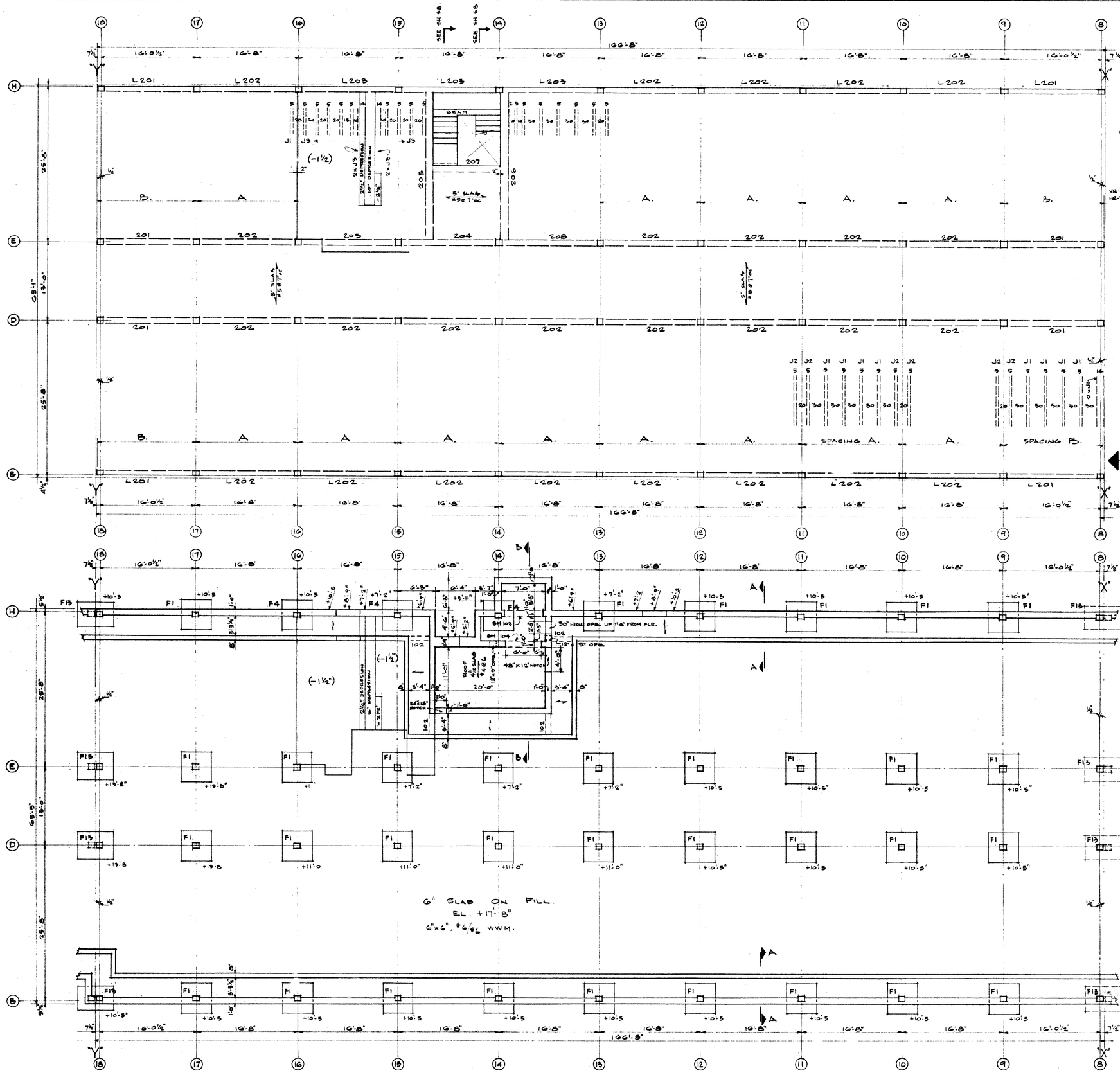
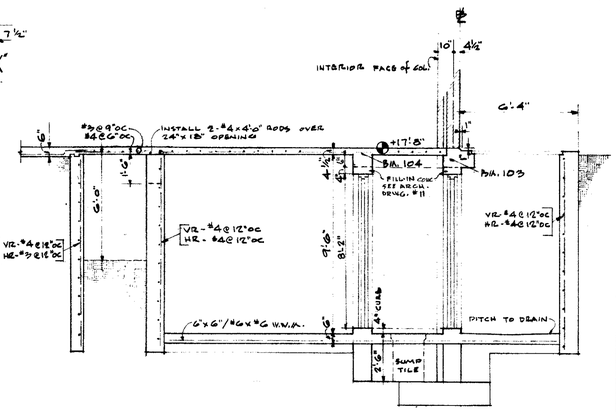
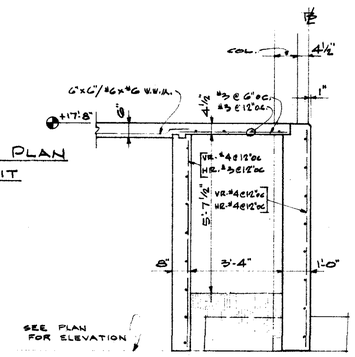
DATE OCT. 10 1956	FOUNDATION & 2ND FLOOR FRAMING PLANS (SOUTH UNIT)	
	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET S1
	FUGARD, BURT, MILKINSON & OETH · ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO	



SECOND FLOOR PLAN
CENTER UNIT
SCALE 1/8"=1'-0"



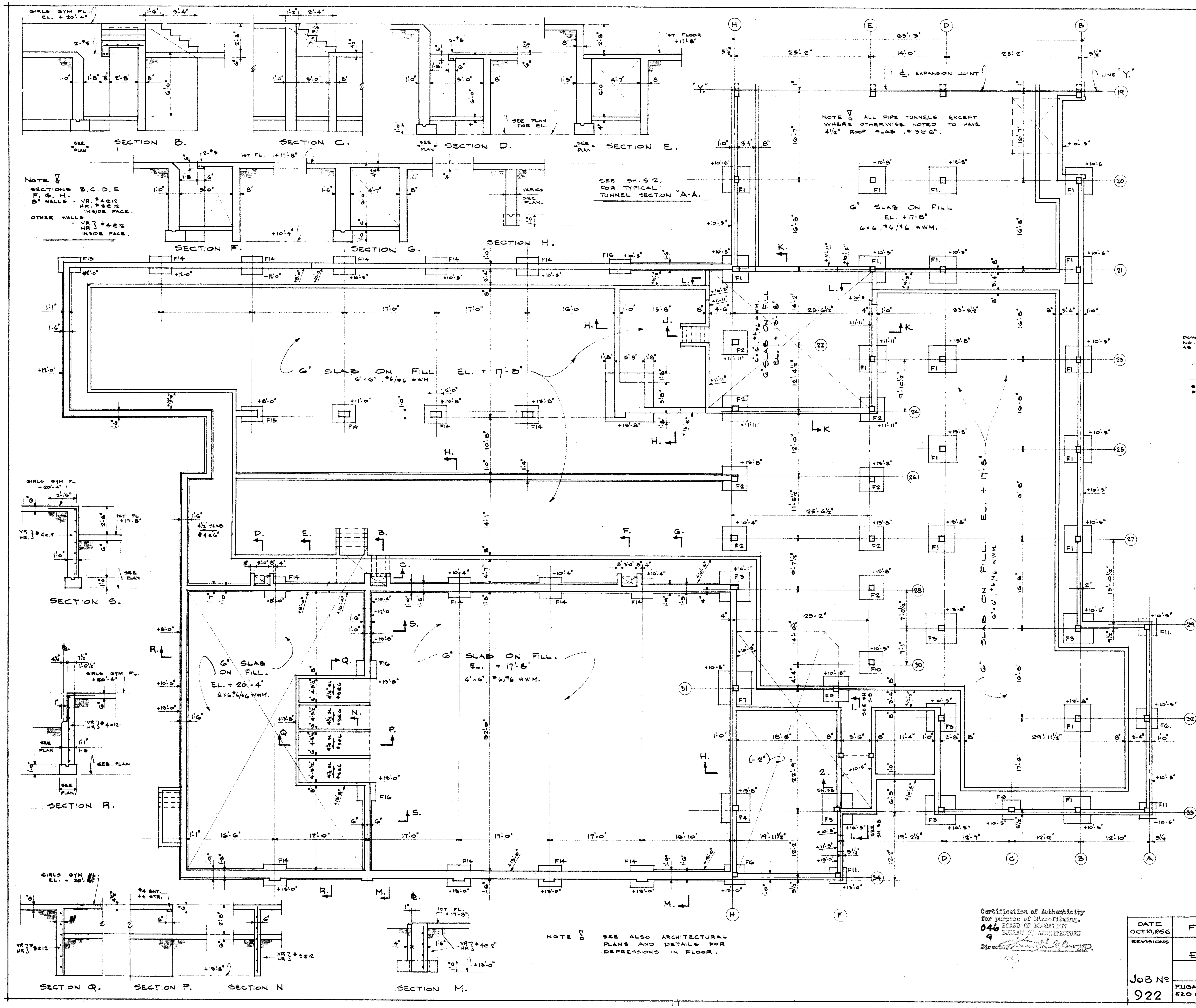
SECTION B-B
TRANSFORMER VAULT
SCALE 1/4"=1'-0"



TYPICAL SECTION
THRU PIPE TUNNEL "A-A"
SCALE 3/8"=1'-0"

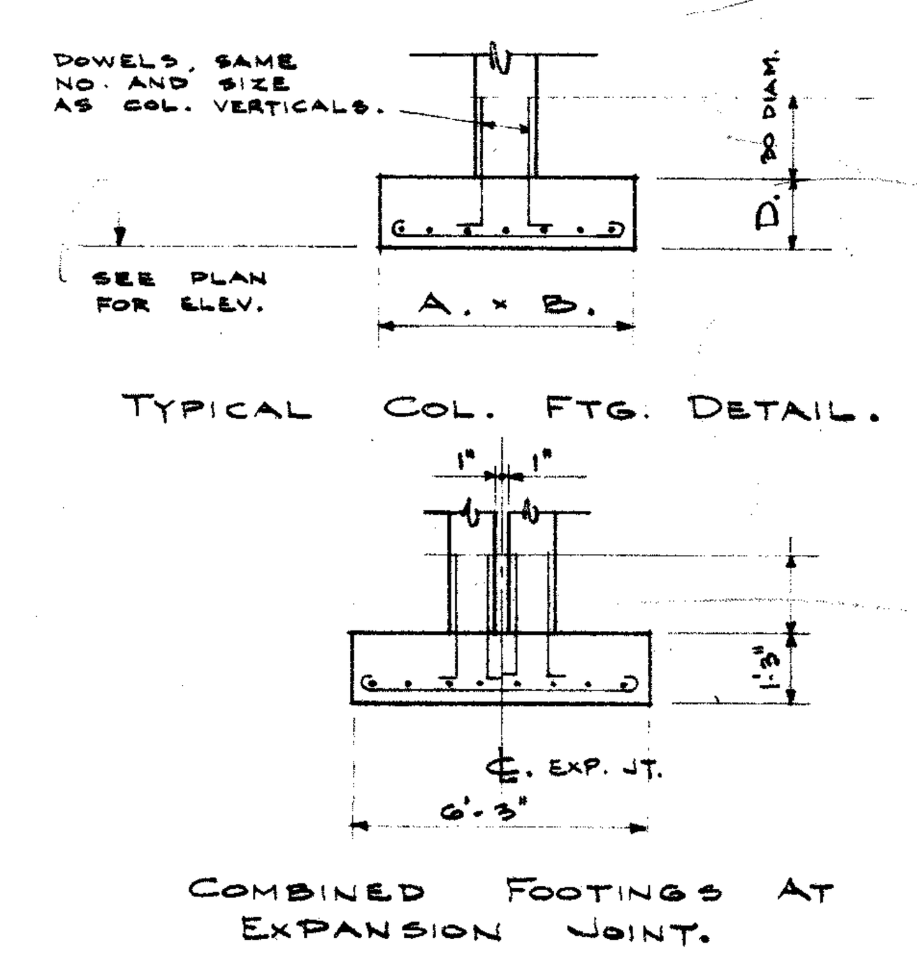
FIRST FLOOR & FOUNDATION PLAN - CENTER UNIT
SCALE 1/8"=1'-0"

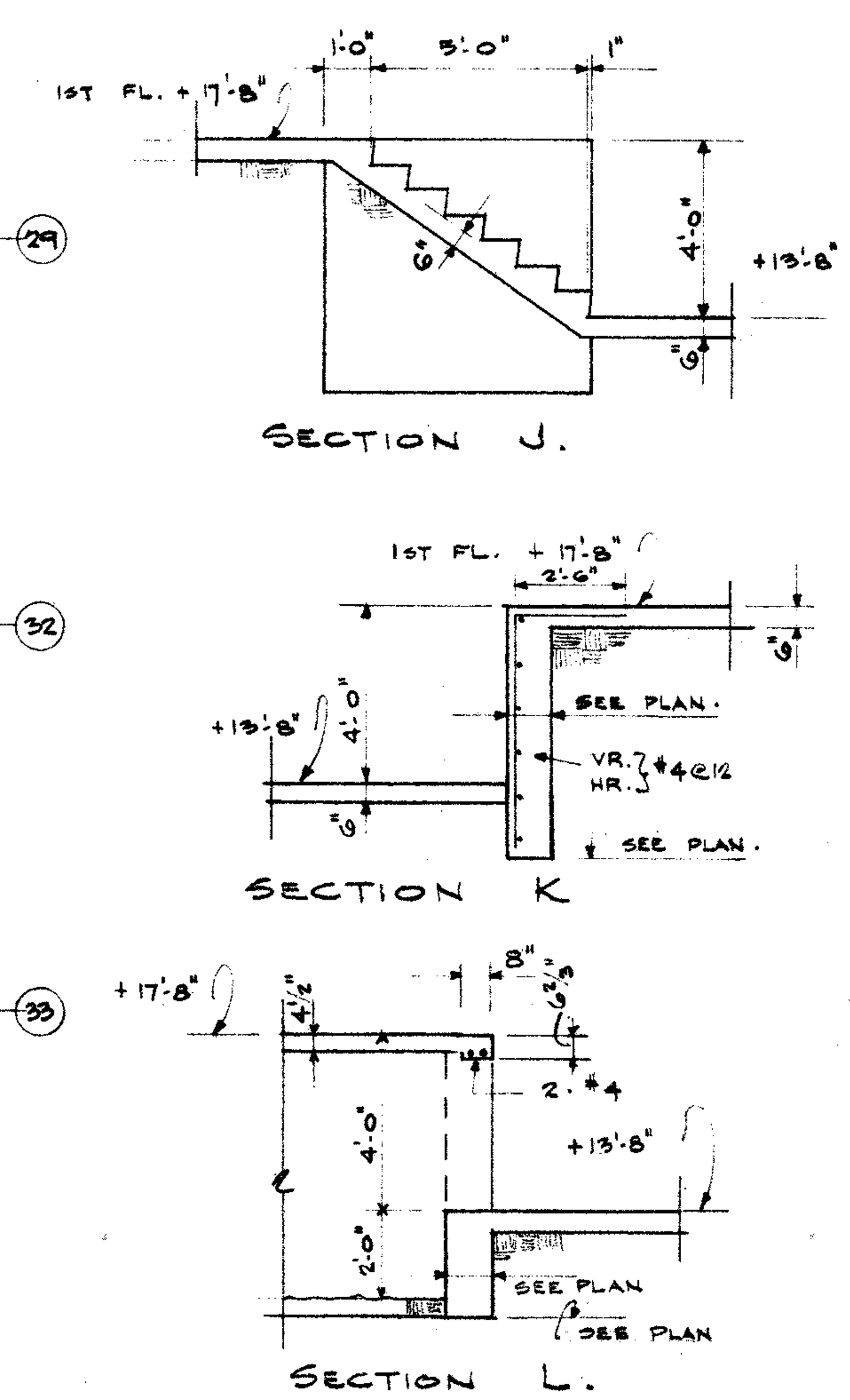
DATE OCT. 10, 1956	FOUNDATION & 2ND FLOOR FRAMING PLANS (CENTER UNIT)	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB Nº 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET S2
	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO.	


GIRLS GYM FL EL. + 20'-4"
SECTION B.
SECTION C.
SECTION D.
SECTION E.
SEE PLAN FOR EL.
1ST FLOOR +17'-8"
SECTION F.
SECTION G.
SECTION H.
NOTE ∇ SECTIONS B, C, D, E, F, G, H.
8" WALLS - VR. #4@12 HR. #3@12 INSIDE FACE.
OTHER WALLS - VR HR } #4@12 INSIDE FACE.
SEE SH. S 2. FOR TYPICAL TUNNEL SECTION "A-A".
NOTE ∇ ALL PIPE TUNNELS EXCEPT WHERE OTHERWISE NOTED TO HAVE 4½" ROOF SLAB, #3@6".
℄ EXPANSION JOINT
LINE "Y"
6" SLAB ON FILL EL. + 17'-8" 6"×6", #6/#6 WWM
6" SLAB ON FILL EL. +17'-8" 6×6, #6/#6 WWM.
6" SLAB ON FILL EL. + 13'-8" 6"×6", #6/#6 WWM.
6" SLAB ON FILL EL. + 17'-8" 6"×6", #6/#6 WWM.
6" SLAB ON FILL. EL. + 20'-4" 6×6 #6/#6 WWM.
6" SLAB ON FILL. EL. + 17'-8" 6'×6', #6/#6 WWM.
4½" SLAB #4@6"
SECTION S.
SECTION R.
SECTION Q.
SECTION P.
SECTION N
SECTION M.
NOTE ∇ SEE ALSO ARCHITECTURAL PLANS AND DETAILS FOR DEPRESSIONS IN FLOOR.

• COL. FOOTING SCHEDULE •

MARK	A. × B.	D.	STEEL. EACH WAY.
F1	5'-0 × 5'-0	1'-3	10-#4
F2	4'-6 × 4'-6	1'-3	8-#4
F3	5'-6 × 5'-6	1'-3	13-#4
F4	5'-3 × 5'-3	1'-3	11-#4
F5	5'-9 × 5'-9	1'-3	15-#4
F6	3'-9 × 3'-9	1'-3	8-#3
F7	6'-3 × 6'-3	1'-3	13-#5
F8	6'-0 × 6'-0	1'-3	12-#5
F9	4'-9 × 4'-9	1'-3	9-#4
F10	4'-3 × 4'-3	1'-3	10-#3
F11	3'-6 × 3'-6	1'-3	7-#3
F12	3'-0 × 3'-0	1'-3	6-#3
F13	4'-0 × 6'-3	1'-3	13-#3 S.W. 8-#4 L.W.
F14	3'-0 × 4'-3	1'-0	9-#3 S.W. 4-#3 L.W.
F15	2'-9 × 3'-9	1'-0	8-#3 S.W. 3-#3 L.W.
F16	3'-6 × 3'-6	1'-0	7-#3
STACK	9'-0 × 9'-0	1'-6	18-#4





Certification of Authenticity for purpose of Microfilming.
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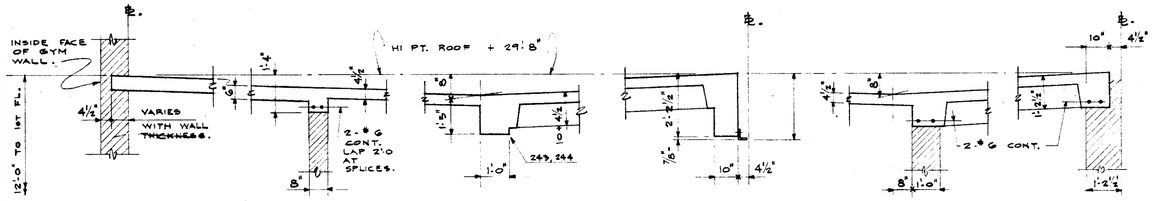
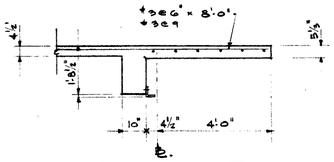
Director

DATE OCT.10,1956	FOUNDATION - NORTH UNIT	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO	SHEET NO.
JOB No 922	FUGARD, BURT, WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO, ILL.	S3



SECTION B-B.

SECTION C-C.



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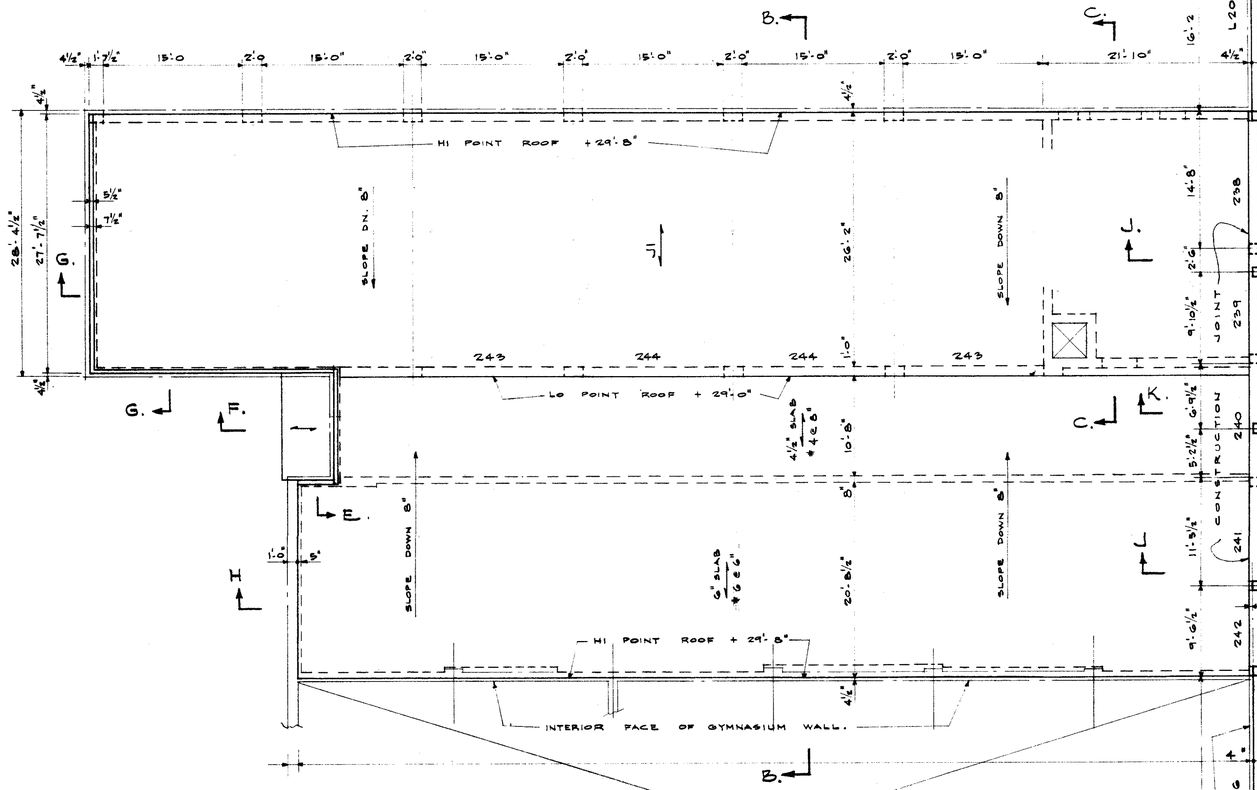
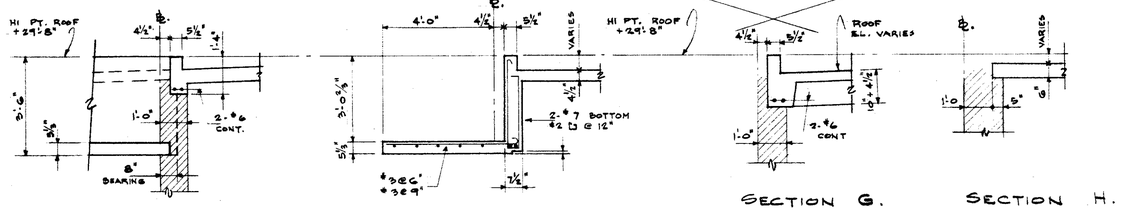


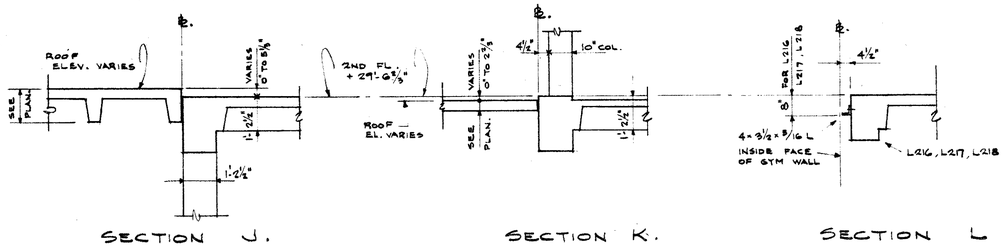


SECTION E.

SECTION F.

SECTION G.

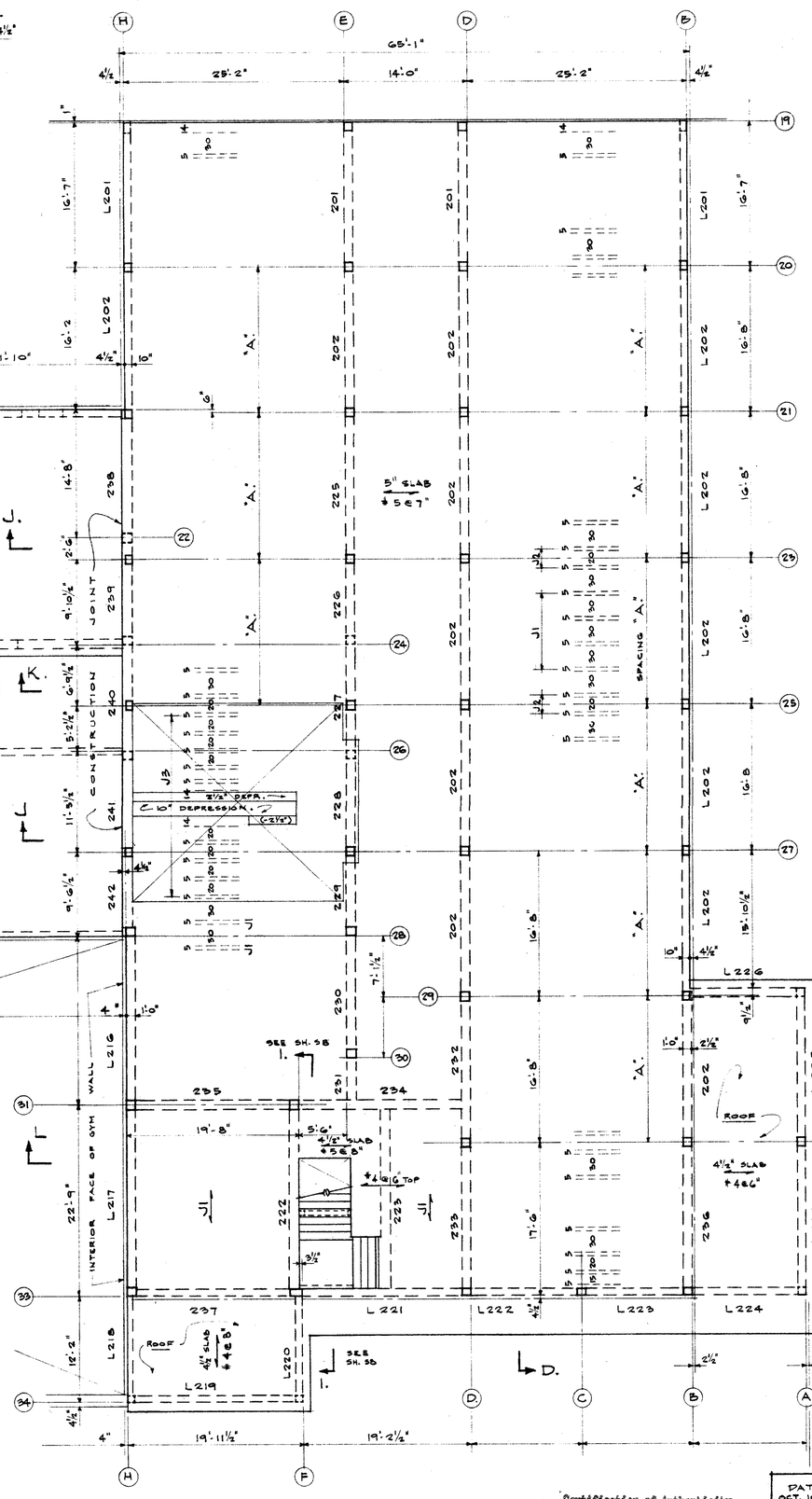
SECTION H.



SECTION J.

SECTION K.

SECTION L



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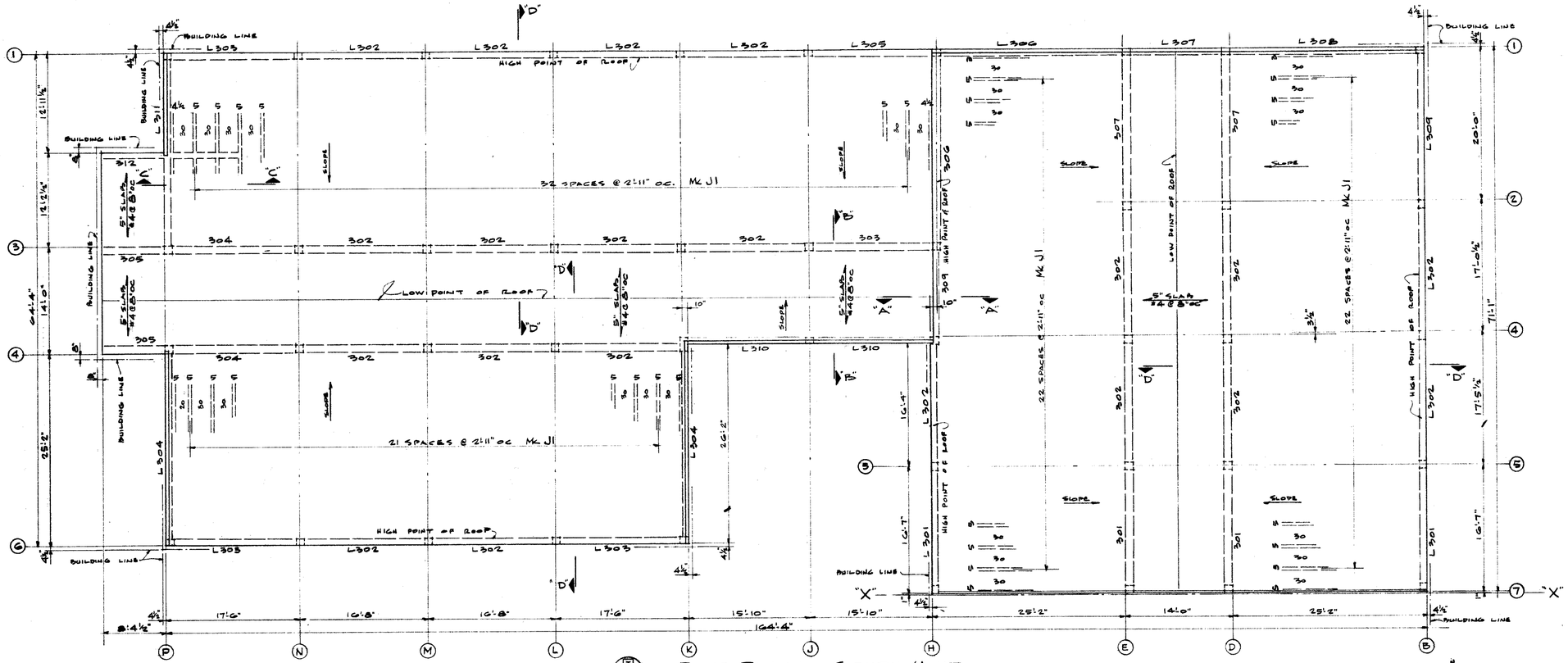
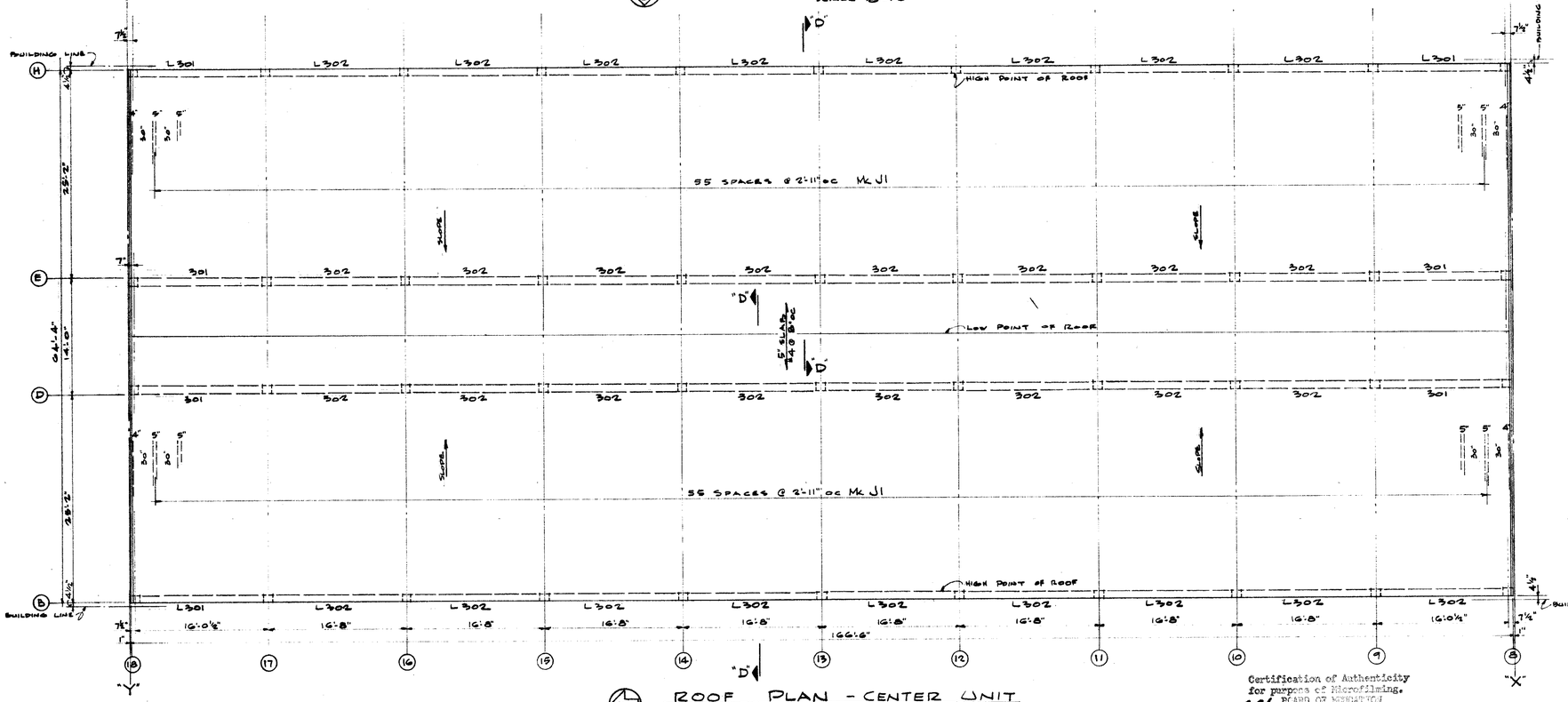
Director

DATE OCT. 10, 1956	2ND FLOOR & LO-ROOF PLAN. NORTH	
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET S4
	FUGARD BURT WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	



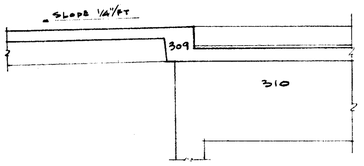
ROOF PLAN - SOUTH UNIT

SCALE 1/8"=1'-0"



ROOF PLAN - CENTER UNIT

SCALE 1/8"=1'-0"



SECTION "A-A"

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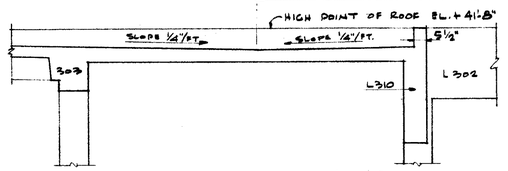

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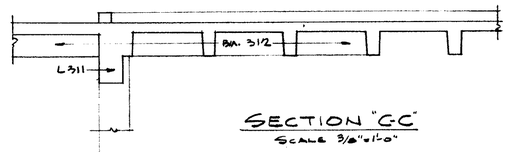

SECTION "C-C"

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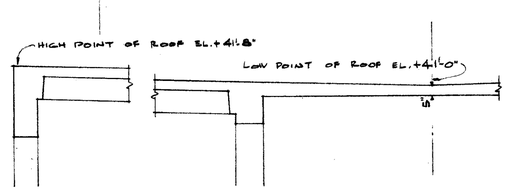

SECTION "D-D"

SCALE 3/8"=1'-0"

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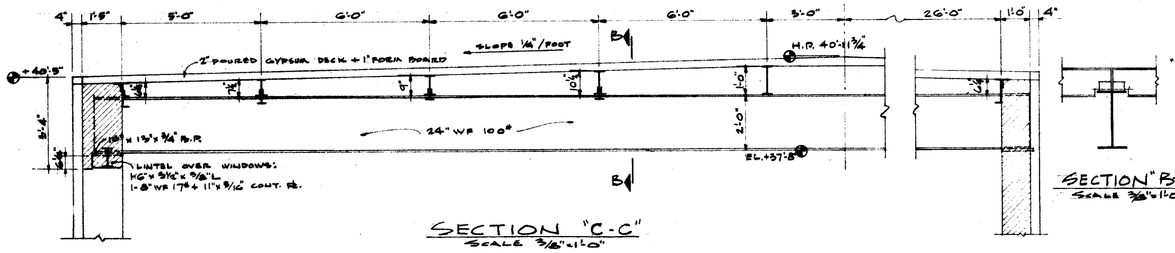
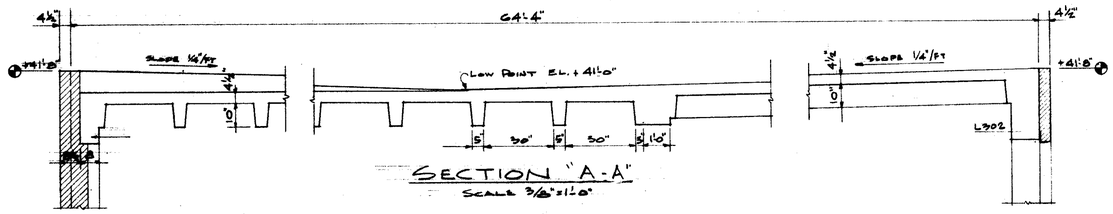
Director

DATE Oct. 10, 1956	ROOF PLANS - SOUTH & CENTER UNITS	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET S5
	FUGARD, RUBT, WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE CHICAGO	



SECTION "C-C"
SCALE 3/16"=1'-0"



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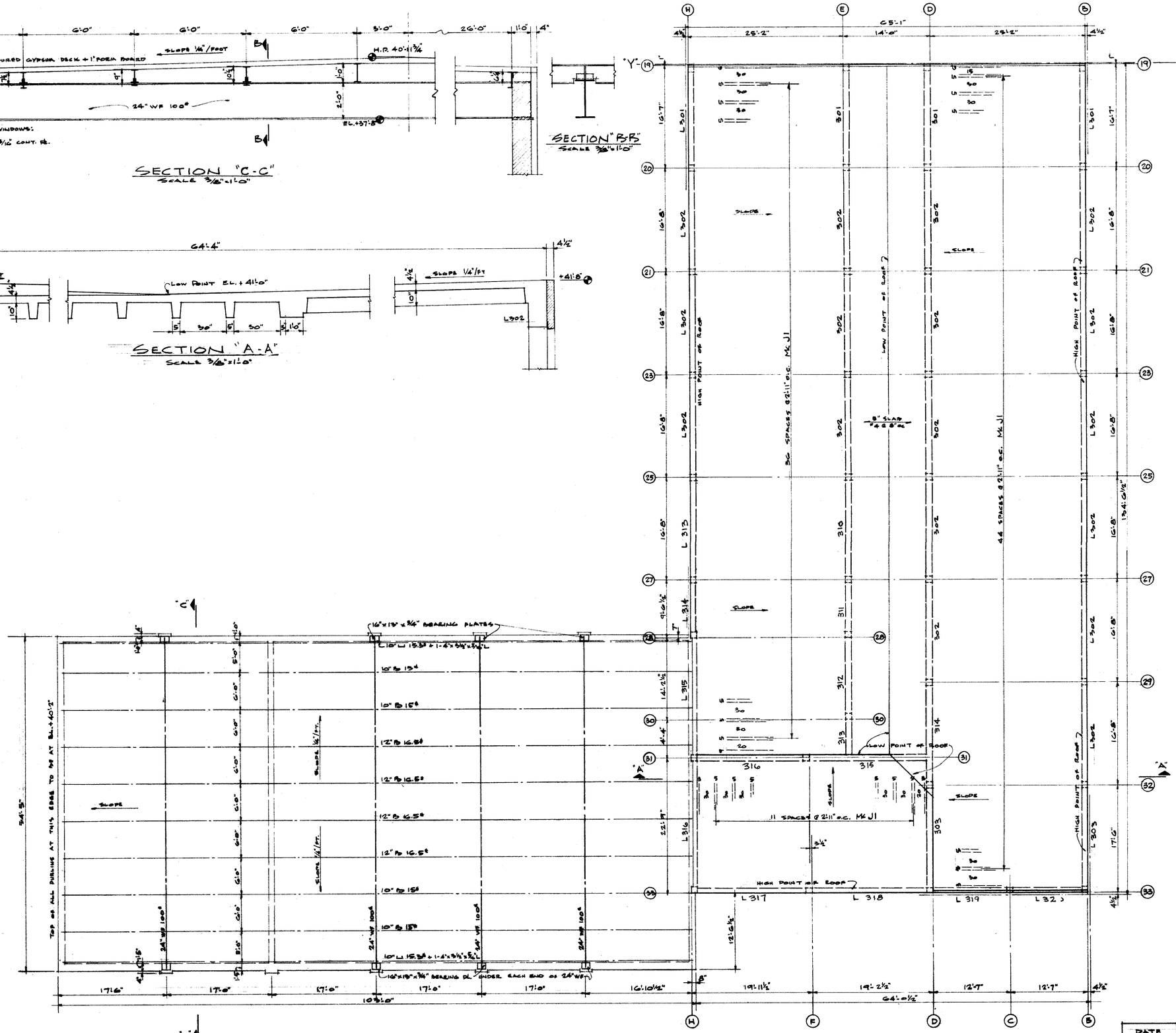


ROOF FRAMING PLAN - NORTH UNIT
SCALE 1/8"=1'-0"

DATE OCT. 10 1956	ROOF FRAMING PLAN - NORTH UNIT	
REVISIONS	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. No. 1048
JOB Nº 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET S6
	FUGARD, RATT, WILKINSON & OETH - ARCHITECTS 910 NORTH MICHIGAN AVE. CHICAGO	

BEAM SCHEDULE

BEAM MARK	SIZE B	SIZE D	BOTTOM BARS STRAIGHT	BOTTOM BARS BENT	TOP BARS STRAIGHT	STIRRUPS NO	STIRRUPS SIZE	STIRRUPS SPACING
101	8	6	2-#4					
102	8	6	2-#4					
103	8	10½	2-#6					
104	12	10½	2-#6					
201	12	17	2-#6	2-#8		16	#3	4@4, 6, 6, 9, 12
202	12	17	2-#6	2-#8		12	#3	4, 6, 6, 9, 12, 12
203	12	19/17½	2-#7	2-#8		12	#3	4, 6, 6, 9, 12, 12
204	12	19/17½	2-#6	2-#9		12	#3	4, 6, 6, 9, 12, 12
205	16	17½	4-#11		2-#9	24	#2	8, 11@12
206	16	17	4-#11		2-#9	26	#2	6, 6, 8, 10@12
207	10	15	2-#7			6	#2	6, 6, 9
208	12	19	2-#7	2-#8		12	#3	4, 6, 9, 12, 12
209	12	17	2-#6	2-#8		22	#3	3@4, 2@6, 2@9, 4@12
210	12	17	2-#8		2-#9 x 17'-0"	11	#2	3@4, 2@6, 2@9, 4@12
211	12	17	2-#6	2-#8		12	#3	4, 6, 6, 9, 12, 12
212	12	29/27½	2-#7	2-#9		16	#2	3@4, 3@6, 9, 9
213	8	22	2-#6	—	1-#7	16	#2	4@3, 6, 4@12
214	8	22	2-#8		1-#7	14	#2	3, 4, 6, 4@12
215	12	14½	2-#5	2-#8		16	#2	3, 3, 4, 4, 6, 6, 9, 9
216	12	14½	2-#6			—		
217	12	14½	2-#5	2-#7		—		
218	12	17	2-#6	2-#8		16	#3	4@4, 6, 6, 9, 12
219	12	43⅝	2-#9	1-#10		12	#3	6, 5@12
220	12	43⅝	2-#9	1-#10		12	#3	6', 5@12
221	12	14½	2-#8	2-#7		14	#2	3, 3@5, 3@7
222	12	14½	2-#8	2-#7		12	#2	3, 3@5, 7, 7
223	12	18	2-#8	2-#9		14	#3	4@4, 6, 6, 9
225	12	17	2-#6	2-#8		12	#3	4, 6, 6, 9, 12, 12
226	12	14½	2-#7		2-#8	10	#2	6, 8, 12, 12, 12
227	12	34	2-#8	2-#8		26	#2	4@3, 3@4, 4@6, 9, 9
228	12	14½	2-#7		2-#7	12	#2	6, 6, 9, 9, 12, 12
229	12	14½	2-#6		2-#7	8	#2	6, 12, 12, 12
230	12	14½	2-#6	2-#8		12	#3	3@4, 6, 9, 12
231	12	14½	2-#5		2-#7	4	#2	12, 12
232	12	24	2-#8	2-#8		18	#3	3@4, 4@6, 9, 9,
233	12	17	2-#6	2-#8		10	#2	6, 9, 9, 12, 12
234	12	22	2-#8	2-#8		14	#2	3@6, 9, 9, 12, 12
235	12	17	2-#8	2-#8		10	#2	6, 9, 9, 12, 12, 12
236	12	17	2-#7	2-#8		16	#3	4@4, 6, 6, 9, 12
237	10	31¼	1-#7	1-#10		14	#2	3@6, 9, 9, 12, 12
238	14½	14½	2-#6	1-#8		6	#2	3@12
239	14½	24	2-#11	2-#8		18	#3	4@4, 4@6, 9
240	14½	24	2-#10	2-#8		18	#3	4@4, 4@6, 9
241	14½	14½	2-#5	2-#6		6	#2	3@12
242	14½	14½	2-#5		2-#8	8	#2	6, 3@12
243	12	17	2-#8	2-#7		12	#2	3, 3, 6, 9, 9, 9
244	12	17	2-#7	2-#7		12	#2	3, 3, 6, 9, 9, 9
301	12	17	2-#5	2-#7		14	#2	3, 3, 4, 4, 6, 9, 12
302	12	17	2-#5	2-#7		12	#2	4, 6, 6, 9, 12, 12
303	12	17	2-#5	2-#8		12	#2	4, 6, 6, 9, 12, 12
304	12	17	2-#5	2-#8		22	#2	3, 3, 3@6, 9, 9, 4@12
305	12	17	2-#6		2-#7 x 17'-0"	7	#2	7@12
306	12	24	2-#9	2-#7		10	#2	5@12
307	12	20	2-#7	2-#9		20	#2	4@3, 3@4, 6, 9, 12
308	8	32	2-#7		1-#7	14	#2	3@6, 4@12

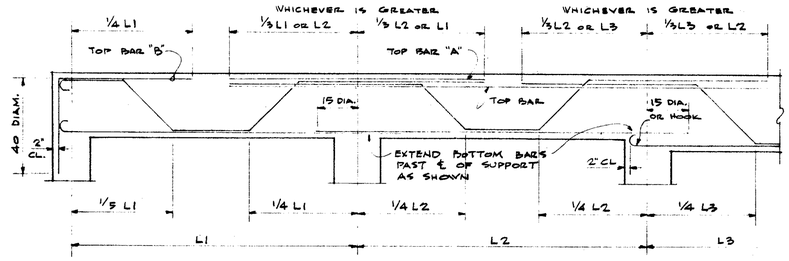
BEAM MARK	SIZE B	SIZE D	BOTTOM BARS STRAIGHT	BOTTOM BARS BENT	TOP BARS STRAIGHT	STIRRUPS NO	STIRRUPS SIZE	STIRRUPS SPACING
309	8	32	2-#7		1-#7	12	#2	6, 9, 4@12
310	12	17	2-#5	2-#7		12	#2	4, 6, 6, 9, 12, 12
311	12	14½	2-#5	2-#7		8	#2	6, 3@12
312	12	14½	2-#5	2-#7		12	#2	3@4, 6, 9, 12
313	12	14½	2-#5		2-#7	4	#2	12, 12
314	12	20	2-#8	2-#8		18	#3	3@4, 4@6, 9, 9
315	12	17	2-#8	2-#8		14	#2	3@6, 9, 9, 12
316	12	17	2-#6	2-#7		8	#2	4@12
L201	10	20½	1-#6	1-#9		10	#2	6, 9, 9, 12, 12
L202	10	20½	1-#6	1-#9		8	#2	4@12
L203	10	20½	1-#7	1-#11		16	#3	3@4, 6, 6, 9, 9, 12
L204	10	20½	1-#7	1-#9		10	#2	9, 9, 3@12
L205	10	20½	1-#6	1-#9		8	#2	4@12
L206	10	20½	2-#6		1-#8 x 13'-0"	4	#2	10, 12
L207	10	20½	1-#6	1-#9		8	#2	6, 9, 9, 12
L208	10	20½	2-#6		1-#8 x 12'-0"	6	#2	5, 12, 12
L209	10	20½	1-#6	1-#8		6	#2	3@12
L210	10	20½	1-#6	1-#9		8	#2	4@12
L211	10	20½	2-#6		1-#8	6	#2	3@12
L212	10	20½	1-#7	1-#9		10	#2	5@12
L213	10	36⅜	2-#6	1-#8		16	#2	5, 7@12
L214	10		1-#6	1-#8		8	#2	4@12
L215	10	20½	2-#9	1-#9		12	#2	6, 9, 9, 3@12
L216	12	31⅛	2-#7	2-#8		14	#2	3@6, 9, 3@12
L217	12	19	2-#6	2-#8		12	#2	6, 9, 9, 12, 12, 12
L218	7½	14½	2-#7		2-#6	16	#2	3@3, 4, 4, 6, 9, 9
L219	7½	17	1-#9	1-#8		8	#2	4@12
L220	7½	14½	2-#6			—		
L221	10	31⅛	1-#8	1-#10		20	#2	6, 6, 9, 9, 6@12
L222	10	20½	2-#6		1-#9	12	#2	6, 5@12
L223	10	20½	1-#6	1-#7		—		
L224	10	20½	1-#6	1-#7		—		
L225	10	20½	1-#8	1-#8		6	#2	3@12
L226	10	20½	1-#7	1-#6		—		
L301	10	31¼	1-#8	1-#8		8	#2	4@12
L302	10	31¼	1-#8	1-#8		8	#2	4@12
L303	10	31¼	1-#8	1-#8		8	#2	4@12
L304	10	31¼	1-#8	1-#8		10	#2	5@12
L305	10	31⅛	1-#8	1-#8		8	#2	4@12
L306	10	31¼	1-#8	1-#8		10	#2	5@12
L307	10	31¼	1-#8	1-#8		6	#2	3@12
L308	10	31⅛	1-#8	1-#8		10	#2	5@12
L309	10	31⅛	1-#7	1-#9		10	#2	5@12
L310	10	43⅛	1-#8	1-#8		8	#2	4@12
L311	10	31½	2-#9	1-#8		10	#2	5@12
L312	8	17	2-#6 x 18'-0"		2-#7 x 18'-0"	19	#2	19@12
L313	10	31¼	1-#8	1-#8		8	#2	4@12
L314	10	31¼	1-#8	1-#8		4	#2	2@12
L315	8	28	1-#7	1-#10		10	#2	9, 2@12
L316	8	28	1-#8	1-#8		10	#2	5@12
L317	10	31⅛	1-#8	1-#8		10	#2	5@12
L318	10	31⅛	1-#8	1-#8		10	#2	5@12
L319	10	31⅛	1-#8	1-#8		4	#2	2@12
L320	10	31¼	1-#8	1-#8		4	#2	2@12

LOADINGS

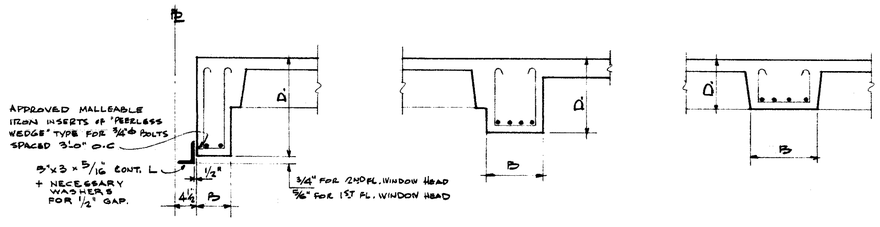
PARTIONS	-	20 PSF.
LIVE LOADS -		
CLASSROOMS	-	40 PSF.
CORRIDORS AND STAIRWAYS	-	100 PSF.
ROOF	-	25 PSF.
MAX. ALLOWABLE SOIL PRESSURE	-	4000 PSF. GROSS.

GENERAL NOTES

1. ALL CONCRETE TO HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3000 P.S.I. AT THE AGE OF 28 DAYS.
2. REINFORCING BARS TO BE DEFORMED; ROLLED OF NEW INTERMEDIATE GRADE BILLET STEEL, EXCEPT FOOTING DOWELS, COLUMN VERTICALS AND DOWELS, WHICH SHALL BE DEFORMED BARS OF HARD GRADE BILLET OR RAIL STEEL.
3. ALL REINFORCING BARS, EXCEPT #2 SIZE, TO HAVE DEFORMATIONS MEETING A.S.T.M. A305-50T.
4. MINIMUM CONCRETE COVER OVER MAIN REINFORCING SHALL BE: ¾" FOR SLABS, 1" FOR JOISTS, 1½" FOR BARS AT BOTTOM FACE OF BEAMS, 2" FOR BARS AT TOP FACE OF BEAMS, 2" FOR WALLS, & 3" FOR FOOTINGS.
5. ALL SOLID SLAB BARS SHALL BE ALTERNATE STRAIGHT AND BENT EXCEPT IN SLABS 4" THICK OR LESS, WHICH SHALL HAVE STRAIGHT BOTTOM BARS AND TOP BARS WHERE CONTINUOUS.
6. ALL ONE WAY SLABS SHALL HAVE TEMPERATURE STEEL AT RIGHT ANGLES AND ABOVE MAIN REINFORCING AS FOLLOWS: 4" SLAB - #3 @12", 5"-6" SLABS - #3@9", 7"-8" SLABS - #4@12"
7. ALL SLABS ON FILL OR GROUND TO BE REINFORCED WITH 6"x6", #6x#6 WELDED WIRE MESH, USING 6" LAPS AT SPLICES, AND SHALL BE POURED BETWEEN CONSTRUCTION JOINTS IN CHECKERBOARD FASHION.
8. ALL BENT BARS TO BE BENT IN ACCORDANCE WITH TYPICAL BAR BENDING DIAGRAMS.
9. ALL SLABS, JOISTS, AND BEAMS ARE TO BE PROVIDED WITH SPACERS NOT MORE THAN 5'-0" CENTER TO CENTER AND NOT LESS THAN TWO PER SPAN.
10. PROVIDE HI-CHAIRS AND SUPPORT BARS FOR BENT UP PORTION OF SLAB BARS OR TOP BARS.
11. PROVIDE SUPPORT BARS FOR STIRRUPS WHERE NECESSARY.
12. CONTRACTOR TO PROVIDE THE NECESSARY OPENINGS THRU SLABS FOR VENTILATING DUCTS, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC. ALSO SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS, PROVIDE JOISTS AND HEADERS TO FRAME OPENINGS.
13. BEND HORIZONTAL WALL STEEL 2'-0" AROUND ALL CORNERS AND INTERSECTIONS OR PROVIDE BENT DOWELS 4'-0" LONG OF SAME SIZE AND NUMBER AS HORIZONTAL STEEL.
14. MAINTAIN BRACING FOR ALL WALLS UNTIL FLOORS ARE IN PLACE.
15. PROVIDE ONE (1) BRIDGING JOIST IN CENTER OF ALL JOIST SPAN. BRIDGING JOISTS TO BE 5" WIDE REINFORCED WITH #4 BAR TOP AND BOTTOM - CONTINUOUS. LAP BARS 1'-6" AT SPLICES.
16. PROVIDE 4"x12" #6/6/10 WELDED WIRE MESH IN TOP SLAB OF JOIST CONSTRUCTION THRU-OUT.



TYPICAL BAR BENDING DIAGRAM - BEAMS, JOISTS & SLABS



SPANDREL BEAM DROPPED BEAM FLUSH BEAM

TYPICAL BEAM DETAILS

JOIST SCHEDULE

MARK	b	DEPTH	REINFORCING STRAIGHT	REINFORCING BENT	REINFORCING TOP
J1	5"	10"+4½"	1-#7	1-#7	
J2	5"	10"+4½"	1-#7	1-#8	
J3	5"	10"+3"	1-#8	1-#7	

Certification of Authenticity for purpose of Microfilming.
046 BOARD OF EDUCATION
13 BUREAU OF ARCHITECTURE
Director

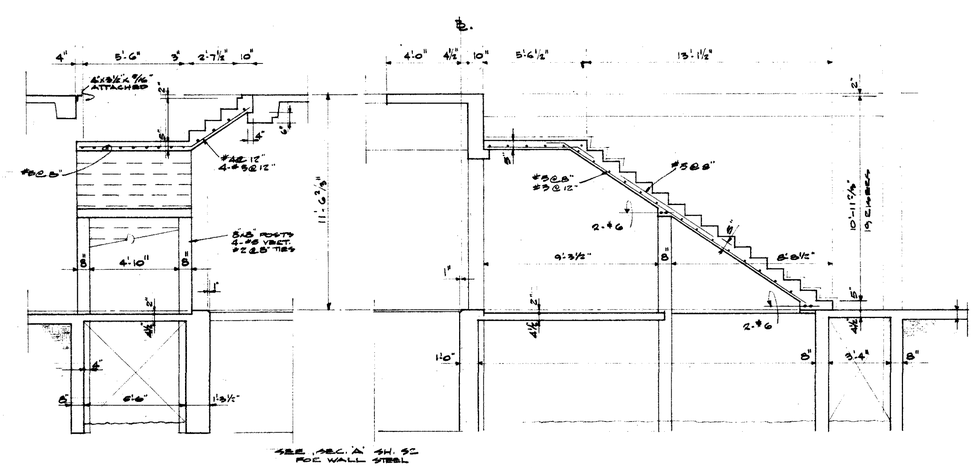
DATE OCT. 10, 1956	SCHEDULES AND DETAILS	
REVISIONS OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL	COMM. NO. 1048
JOB NO 922	BOARD OF EDUCATION CITY OF CHICAGO	SHEET S7
	FUGARD, BURT, WILKINSON & ORTH ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO	

COLUMN SCHEDULE

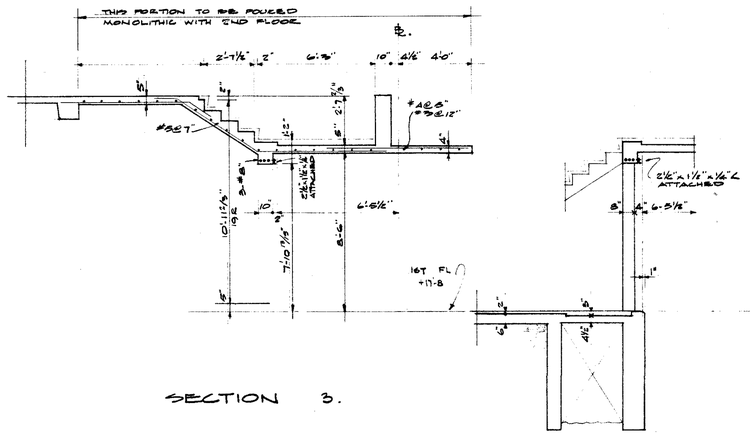
		A29, A33 F34 H34	A32 C1 F1 G1	B1 B2, B4 K6 P1, P6	B5, B9, B10, B11 B12, B13, B14, B15 B16, B17, B20, B21 B23, B25, B27, C33 H5, H9, H10, H11, H12 H13, H17, H20, J1, J4 K1, L1, L6, M1, M6, N1 N6	B7 B8, B18 B19 H7 H8, H18 H19	B29 B32	B33	D1 E1 H1 H14, H15 H16	D2, D4 H3	D5, D9, D10 D11, D12, D13, D14, D15 D16, D17, D20, D21, D23 D25, D27, E2, E4, E5 E9, E10, E11, E12 E13, E14, E15, E16 E17, E20, E21, E23 H4, J3, K3, L3, L4 M3, M4 N3, N4	D7, D8 D18, D19 E7 E8, E17 E19, E27 E28, E30 F31	D29, D32 H31, H33 P3, P4	D33 P33	E3 E24, E26	E25	H21 H27	H22	H24, H26	H25, H25	H28	K4
ROOF																						
12'-5⅛" CHP FL.	SIZE			10x15	10x12	10x13	10x12	10x10	10x12	12x12	12x12	12x12	12x12	10x15		12x12	10x12			10x12	12x12	12x22
	STEEL			4-#6	4-#5	4-#5	4-#5	4-#6	4-#6	4-#6	4-#5	4-#5	4-#6	4-#6		4-#5	4-#5			4-#5	4-#5	6-#6
11'-6⅝" 1ST FL.	SIZE	10x10	10x12	10x15	10x12	10x13	12x12	10x12	10x12	12x12	12x12	12x12	12x12	10x15	12x12		14½x12		14½x12		16½x12	12x22
	STEEL	4-#5	4-#5	4-#6	4-#6	4-#6	4-#7	4-#6	4-#8	4-#9	4-#7	4-#6	4-#8	4-#8	4-#7		4-#6		4-#6		4-#6	6-#6
VARIES TOP OF FTG.	SIZE	10x10	10x12	10x15	10x12	10x13	12x12	10x12	10x12	12x12	12x12	12x12	12x12	10x15	12x12		14½x12	14½x12	14½x12		16½x12	12x22
	STEEL	4-#5	4-#5	4-#6	4-#6	4-#6	4-#7	4-#6	4-#8	4-#9	4-#7	4-#6	4-#8	4-#8	4-#7		4-#6	4-#7	4-#6		4-#6	6-#6
	DOWELS	4-#5	4-#5	4-#6	4-#6	4-#6	4-#7	4-#6	4-#8	4-#9	4-#7	4-#6	4-#8	4-#8	4-#7	4-#5	4-#6	4-#7	4-#6	4-#5	4-#6	6-#6	

DIAGRAM OF COLUMNS

ALL LATERAL TIES SHALL BE #3 @ 10" c.c. FOR ALL COLUMNS WITH A LEAST DIMENSION OF 10" AND FOR ALL COLUMNS WITH #8 VERTICAL STEEL. FOR ALL OTHER COLUMNS, TIES SHALL BE #3 @ 12" c.c.

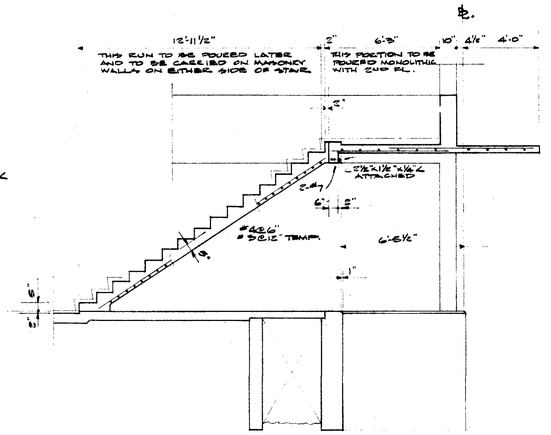


SECTION 1.

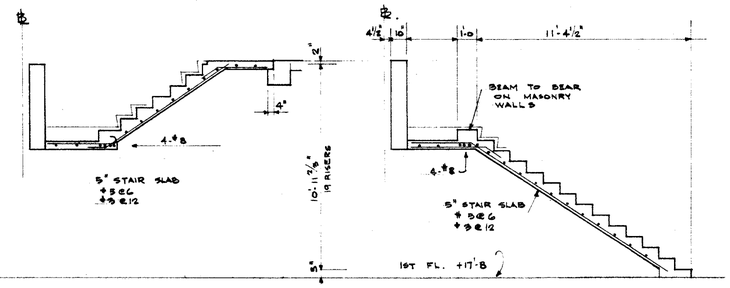


SECTION 3.

SECTION 4.



SECTION 5.



SECTION 6.

SECTION 7.

SECTION 4.

LOOSE LINTEL SCHEDULE			
MARK	MATERIAL	LOCATION	NO. REQ'D.
	SOUTH, CENTER & NORTH UNITS		
L1	6 L 8:2 + 3"x2½"x¼" ∠ (LENGTH + OPENING + 8"	CLASSROOM WALLBOARDS; SEE SH. NO. 15 FOR SIZE OF OPENING	72
	NORTH UNIT - EXTERIOR		
L2	1-4"x3½"x9/16" ∠ x 3'-1" 1-6 L 8:2 + 1½"x9½" PL x 3'-1"	2'-1" WINDOW - BOILER RM.	1
L3	1-4"x3½"x9/16" ∠ x 6'-8" 1-6 L 8:2 + 9/16"x9½" PL x 6'-8"	6'-8" DOOR - BOILER RM.	1
L4	1-4"x3½"x5/16" ∠ - 3'-9" 1-6 L 8:2 + 1½"x9½" PL x 3'-9"	2'-9" DOOR - BOILER RM.	1
L5	3 ∠'s - 4"x3½"x5/16" x 6'-4"	5'-4" DOOR - RM. 158	1
L6	3 ∠'s - 5"x3½"x5/16" x 6'-8"	5'-4" DOOR - EAST WALL RM. 152	1
	NORTH UNIT - INTERIOR		
L7	3 ∠'s - 4"x3½"x5/16" x 2'-4"	DOOR RMS. 156-158; 161-165	2
L8	2 ∠'s - 4"x3½"x5/16" x 2'-4"	DOOR RMS. 170-185.	1
L9	2 ∠'s - 4"x3½"x5/16" x 6'-10"	DOOR RMS. 177-155; 175-156	2
L10	3 ∠'s - 4"x3½"x5/16" x 2'-0"	GRILLES RMS. 152; 165	2
L11	4 ∠'s - 4"x3½"x5/16" x 2'-0"	GRILLE RM. 165	1
L12	3 ∠'s - 5"x3½"x5/16" x 6'-8"	DOOR RMS. 165-175; 165-169	2
L13	4 ∠'s - 5"x3½"x5/16" x 6'-8"	DOOR RMS. 182-177	1
L14	2 ∠'s - 5"x3½"x5/16" x 5'-10"	FOLDING TABLE RECESS RM. 165	14
L15	3 ∠'s - 4"x3½"x5/16" x 2'-0"	OVER DRINKING FOUNT. RM. 165 & 182	2
L16	3 ∠'s - 5"x3½"x5/16" x 8'-0"	DOOR RMS 157-165	1
L17	3 ∠'s - 4"x3½"x5/16" x 3'-8"	FIXED WINDOW RMS. 161-165	1
L18	14 WF 43 + 11"x1/16" PL x 24'-0"	STAGE ARCH RM. 165-182	1
L19	2 ∠'s - 3½"x3½"x1/16" x 3'-6"	CONVECTOR RECESS RM. 153	1
L20	1 ∠ - 3½"x3½"x1/16" x 3'-6"	CONVECTOR RECESS RM. 183	1
L21	3 ∠'s - 4"x3½"x½" x 5'-0"	CONVECTOR RECESS RM. 138	1
L22	2 ∠'s - 4"x3½"x5/16" x 7'-8"	DOOR - RMS 157-164	1
L23	8 WF 17 + 11"x5/16" PL x 3/8"x6"x3½"x3/8" ∠	15'-0" GYMNASIUM WINDOWS	4
L24	8 WF 17 + 11"x5/16" PL x 3/8"x6"x3½"x3/8" ∠	7'-5" GYMNASIUM WINDOWS	2

SECTION 5.

MARK	MATERIAL	LOCATION	NO. REQ'D.
	CENTER UNIT - EXTERIOR		
	CENTER UNIT - INTERIOR		
L26	2 ∠'s - 3½"x3½"x¼"x 5'-6"	CONVECTOR RECESS RM. 139	1
	SOUTH UNIT - EXTERIOR		
L26	2 ∠'s - 4"x3½"x5/16" x 4'-0" + 4" CONC. SLAB ON GRADE 5'-8"x11'-8" 6x6 - W2.9/W2.9 WWM	L 18" L EXTERIOR DOOR RMS. 105, 106, 116	3
L27	1 ∠ - 4"x3½"x5/16" x 4'-0" 1-6 L 8:2 + 1½"x9½" PL x 2'-0"	3'-0" DOOR RM. 109	1
	SOUTH UNIT - INTERIOR		
L28	2 ∠'s - 3½"x3½"x¼" x 5'-6"	WALL OPENINGS RMS. 118, 101	4
L29	1-6 L 8:2 x 5'-8" 1-3"x2½"x¼" ∠ x 6'-0"	WARDROBE RM. 211	1
	NORTH, CENTER & SOUTH UNITS		
L30	1-3"x3"x¼"x UCTN UNIVENT+1'-0" 1-3½"x5½"x½"x LOTH INTAKE 1'-0"	EXTERIOR WALLS UNDER WINDOWS & UNIT VENTILATOR & INTAKE LOUVERS	51

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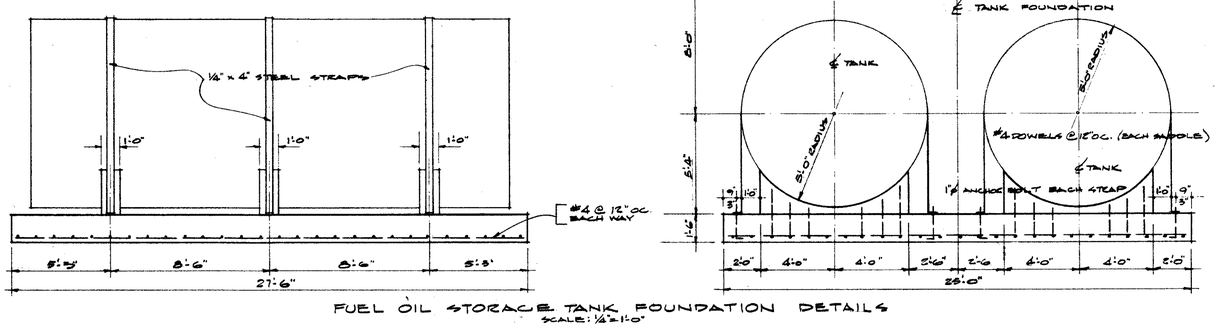
044 14
BOARD OF EDUCATION
BUREAU OF ARCHITECTURE
Director

FUEL OIL STORAGE TANK FOUNDATION DETAILS
SCALE: ½"=1'-0"



DATE: OCT. 10, 1956	SCHEDULES & DETAILS
REVISIONS: OCT. 11, 1956	CRISPUS ATTUCKS ELEMENTARY SCHOOL — COMM. NO. 1048
	BOARD OF EDUCATION CITY OF CHICAGO — SHEET S8
JOB NO. 922	FUGARD BUET WILKINSON & ORTH - ARCHITECTS 520 NORTH MICHIGAN AVE. CHICAGO

NOTES :

DASH LINES — — — INDICATE THE APPROXIMATE LOCATIONS OF BUILDINGS WHICH HAVE BEEN WRECKED.

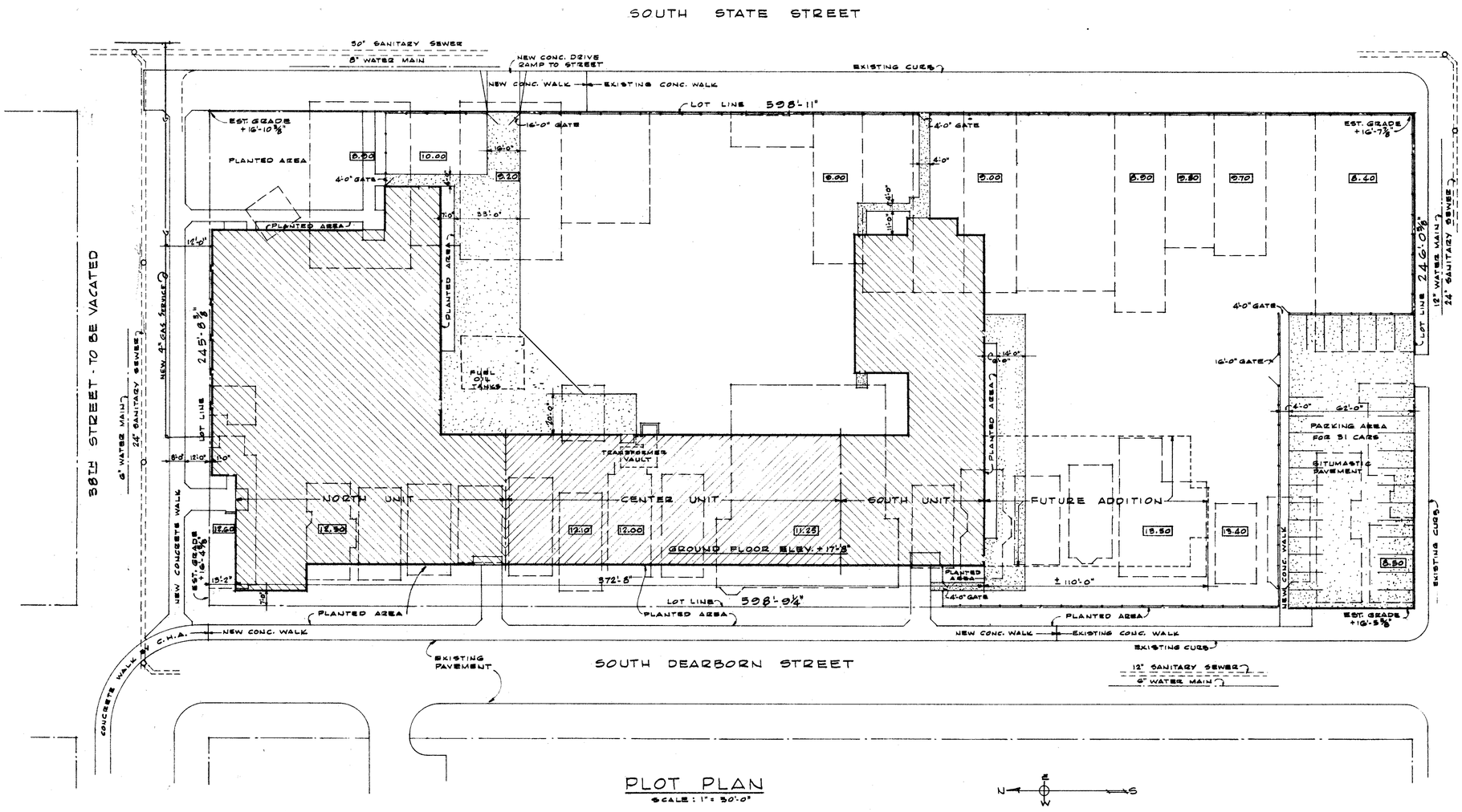
ELEVATION FIGURES IN BOXES [0.00] INDICATE THE APPROXIMATE LEVELS OF BASEMENT FLOORS IN WRECKED BUILDINGS.

LINES ——+——+—— INDICATE CHAIN LINK FENCE.

STIPPLED AREAS [▒▒▒] INDICATE BITUMASTIC SURFACES.

PLANTED AREAS TO HAVE LOAM 8" DEEP, FINE GRADED.

ALL OTHER PLAYGROUND SURFACES BETWEEN BUILDING AND CHAIN LINK FENCE TO BE WATERBOUND MACADAM.



PLOT PLAN
SCALE : 1" = 30'-0"

SCHEDULE OF DRAWINGS

ARCHITECTURAL

A	PLOT PLAN
1	PLANS - SOUTH UNIT
2	PLANS - CENTER UNIT
3	PLAN - FIRST FLOOR - NORTH UNIT
4	PLAN - SECOND FLOOR - NORTH UNIT
5	ROOF PLAN AND DETAILS
6	ELEVATIONS - SOUTH AND CENTER UNITS
7	ELEVATIONS - NORTH UNIT
8	ENTRANCE AND STAIR DETAILS
9	ENTRANCE AND MISC. DETAILS
10	GYMNASIUM AND LOCKER ROOM DETAILS
11	BOILER ROOM AND TRANSFORMER VAULT DETAILS
12	TOILET ROOMS - PLANS - ELEVATIONS - SECTIONS
13	KITCHEN AND LIBRARY DETAILS
14	DOOR AND WINDOW SCHEDULES
15	TYPICAL CLASSROOM AND CHALKBOARD DETAILS

STRUCTURAL

S-1	FOUNDATION & SECOND FLOOR - SOUTH UNIT
S-2	FOUNDATION & SECOND FLOOR - CENTER UNIT
S-3	FOUNDATION - NORTH UNIT
S-4	SECOND FLOOR & LOW ROOF - NORTH UNIT
S-5	ROOF PLANS - SOUTH & CENTER UNITS
S-6	ROOF PLAN - NORTH UNIT
S-7	SCHEDULES & DETAILS
S-8	SCHEDULES & DETAILS

MECHANICAL
(PLUMB'G., HEAT'G., VENTILAT'G.)

PE-A	PLOT PLAN
PHV-1	PLANS - SOUTH UNIT
PHV-2	PLANS - CENTER UNIT
PHV-3	PLAN - FIRST FLOOR - NORTH UNIT
PHV-4	PLAN - SECOND FLOOR - NORTH UNIT
PHVE-5	UNDERFLOOR - CENTER & SOUTH UNITS
PHVE-6	UNDERFLOOR - NORTH UNIT
PHV-7	DETAILS - KITCHEN - FAN ROOM - TOILETS.
HV-8	BOILER ROOM - TEMPERATURE CONTROLS - HEAT'G. DETAILS
P-8	WATER RISER DIAGRAM
P-9	SOIL & WASTE DIAGRAM

ELECTRICAL

E-1	PLANS - SOUTH UNIT
E-2	PLANS - CENTER UNIT
E-3	PLAN - FIRST FLOOR - NORTH UNIT
E-4	PLAN - SECOND FLOOR - NORTH UNIT

MATERIAL LEGEND

CONCRETE	STRUCTURAL FACING TILE
FACE BRICK	WOOD
CONCRETE MASONRY UNITS	STEEL

NOTE:- TEST BORING USED WHERE THOSE TAKEN FOR PROJECT JUST WEST OF DEARBORN ST. BETWEEN 38TH & 39TH ST.

+0.0	APPROX EL + 18'-0"
- 1.0	TOP SOIL SAND & MISC FILL & LOOSE
- 2.0	
- 3.0	FINE SAND - SOME SILT
- 4.0	BROWN LOOSE
- 5.0	4'-0" - ½ HR. AFTER CASING REMOVAL
- 6.0	
- 7.0	WATER LEVEL 4.5' WHILE DRILLING
- 8.0	FINE TO MED DENSE
-10.0	
-11.0	SILT SOME CLAY & SAND GREY LOOSE
-12.3	
-14.0	
-15.0	SILT & SAND TRACE OF CLAY - LOOSE
16.2	

CRISPUS ATTUCKS ELEMENTARY SCHOOL

FOR THE

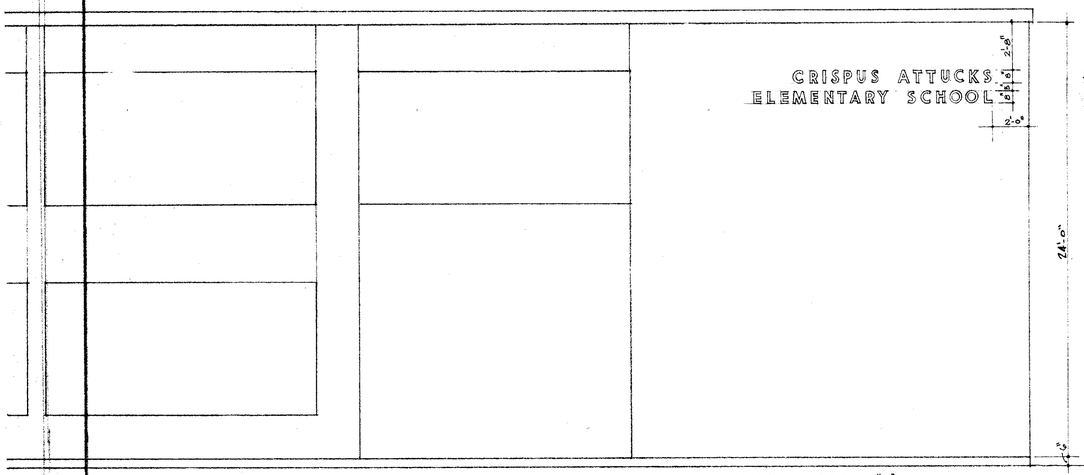
BOARD OF EDUCATION
CITY OF CHICAGO

FUGARD, BURT, WILKINSON, & ORTH - ARCHITECTS - CHICAGO
OCTOBER 10, 1956 COMM. NO. 1048

JOB Nº 922

REVISIONS OCT-11, 1956

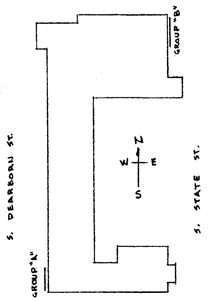
SHEET A



WEST ELEVATION
SCALE:- 1/4" = 1'-0"

LETTER GROUP "A"

NOTE:-
LETTERS IN GROUP "A" TO BE - 8" HIGH
FUTURA STYLE WITH 1 1/16" WIDTH OF STROKE
AND 1 1/4" DEPTH.
LETTERS TO PROJECT 2" FROM WALL
SEE DETAIL THIS SHEET



W. PERSHING RD.
(39th ST.)

LOCATION PLAN

SPECIFICATIONS

WORK INCLUDED: FURNISH ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, AND SCAFFOLDING, INCLUDING ANY OTHER INCIDENTAL ITEMS, REQUIRED FOR FURNISHING AND INSTALLATION OF LETTER SIGNS AS HEREIN SPECIFIED, AND SHOWN ON DRAWING, READY FOR USE.

GENERAL: ALL LETTERS TO BE MADE IN THE SHOP, ASSEMBLED, FINISHED, PACKED, CRATED, ETC., TRANSPORTED TO THE SITE, UNCRATED AND SET IN THEIR PERMANENT LOCATION, READY FOR USE. ANY PARTS DAMAGED IN HANDLING OR SHIPPING SHALL BE CORRECTED IN A NEAT AND WORKMANLIKE MANNER.

ALL LETTERS TO BE NEW, UNUSED, FIRST QUALITY AND OF APPROVED TYPES AND DESIGNS.

REMOVE ALL PACKING, CRATING, AND DEBRIS FROM THE PREMISES IMMEDIATELY. SALVAGED EQUIPMENT SHALL BECOME THE PROPERTY OF THIS CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

GUARANTEE: ALL LETTERS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER, AGAINST ALL DEFECTS IN WORKMANSHIP OR MATERIALS.

SEPARATE PROPOSAL BIDS SHALL BE SUBMITTED FOR LETTERS IN GROUP "A" AND GROUP "B"

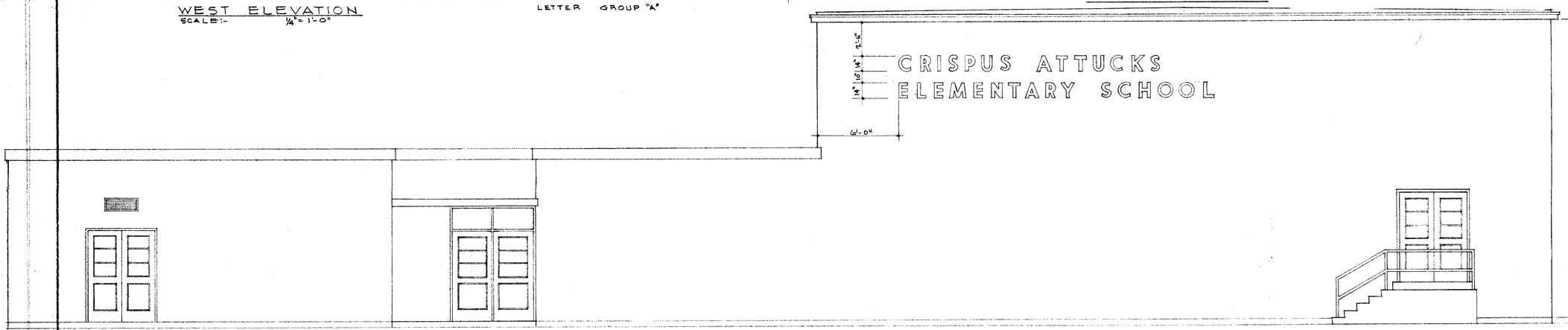
THE BASE BID SHALL BE SUBMITTED FOR THE LETTERS TO BE OF STAINLESS STEEL AND AN ALTERNATE BID SUBMITTED FOR THE LETTERS TO BE OF CAST ALUMINUM WITH A BAKED ENAMEL FINISH.

FOR THE BASE BID THE LETTERS SHALL BE OF HEIGHT, STROKE AND DEPTH AS SHOWN ON DRAWING; FLAT FACED, AND FABRICATED FROM 20 GAUGE, 18-8 ALLOY STAINLESS STEEL WITH NO 4 FINISH, ERECTED BY MOUNTING TYPE INDICATED. LETTERS SHALL BE CONTINUOUSLY SOLDERED AND BE FREE FROM WAVES AND WARPS.

FOR THE ALTERNATE BID THE LETTERS SHALL BE OF HEIGHT, STROKE AND DEPTH AS SHOWN ON DRAWING; LETTERS SHALL BE FROM NO 43 ALLOY ALCOA ALUMINUM. EDGES AND FACES ARE FILLED AND GROUND SMOOTH AND A ZINC CHROMATE PRIMER ADDED. THE LETTERS ARE TO BE FINISHED IN THE BEST GRADE GLOSSY ENAMEL BAKED FOR 5 HOURS AT TEMPERATURES OF 325° to 375°F. THE COLOR OF ENAMEL IS TO MATCH THE MASONRY COLOR FOR GLAZED BRICK SIMILAR TO SHADE S-283 "STORM GRAY GREEN" AS MANUFACTURED BY ARKYTEX CERAMIC CORPORATION.

DETAIL SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL BEFORE FABRICATION. THIS CONTRACTOR SHALL ALSO SUPPLY A FULL SCALE TEMPLATE FOR POSITIONING OF BRACKETS.

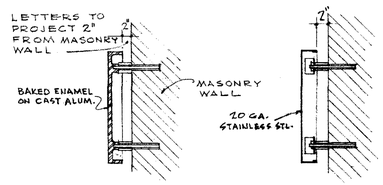
BRACKETS TO BE OF NON-CORROSIVE METAL SIMILAR TO LETTERING.



EAST ELEVATION
SCALE: 1/4" = 1'-0"

LETTER GROUP "B"

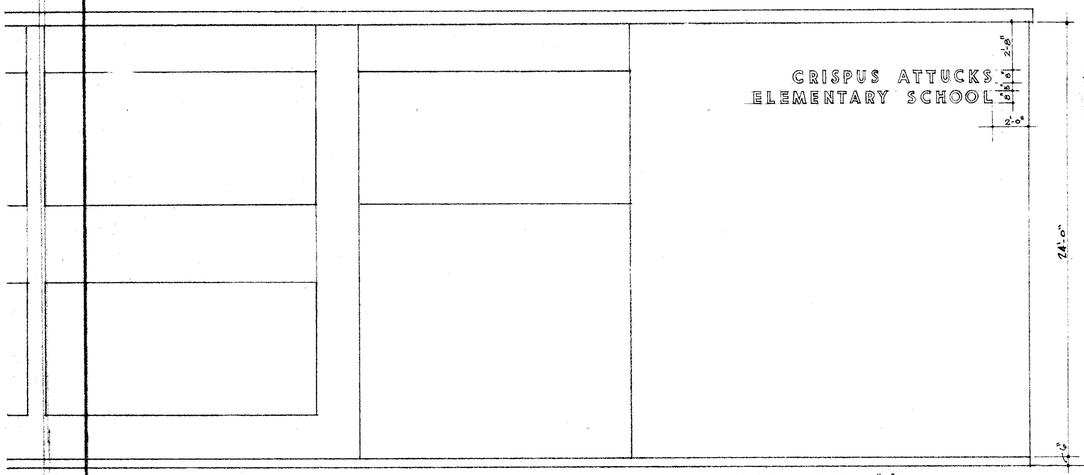
NOTE:-
LETTERS IN GROUP "B" TO BE - 14" HIGH
FUTURA STYLE WITH 3" WIDTH OF STROKE
AND 2" DEPTH.



TYPICAL MOUNTING DETAIL
NO SCALE

Certification of Authenticity
for purpose of Microfilming.
045 BOARD OF EDUCATION
4 BUREAU OF ARCHITECTURE
Director

REVISIONS		ALUMINUM LETTERS FOR CRISPUS ATTUCKS ELEMENTARY SCHOOL	DATE Nov. 29-57
12/6/57	LETTERS MOVED SPECS ADDED	CRISPUS ATTUCKS ELEMENTARY SCHOOL	SHEET 110
		BOARD OF EDUCATION CITY OF CHICAGO	
DRAWN BY L.A.A.		FUGARD, BURT, WILKINSON, & ORTH ARCHITECTS 520 N. MICHIGAN AVE. CHICAGO	COMM. 1048
TRACED BY		JOB NO 922	



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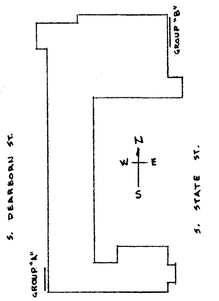
LETTERS TO PROJECT 2" FROM WALL
SEE DETAIL THIS SHEET



W. PERSHING RD.
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GUARANTEE: ALL LETTERS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER, AGAINST ALL DEFECTS IN WORKMANSHIP OR MATERIALS.

SEPARATE PROPOSAL BIDS SHALL BE SUBMITTED FOR LETTERS IN GROUP "A" AND GROUP "B"

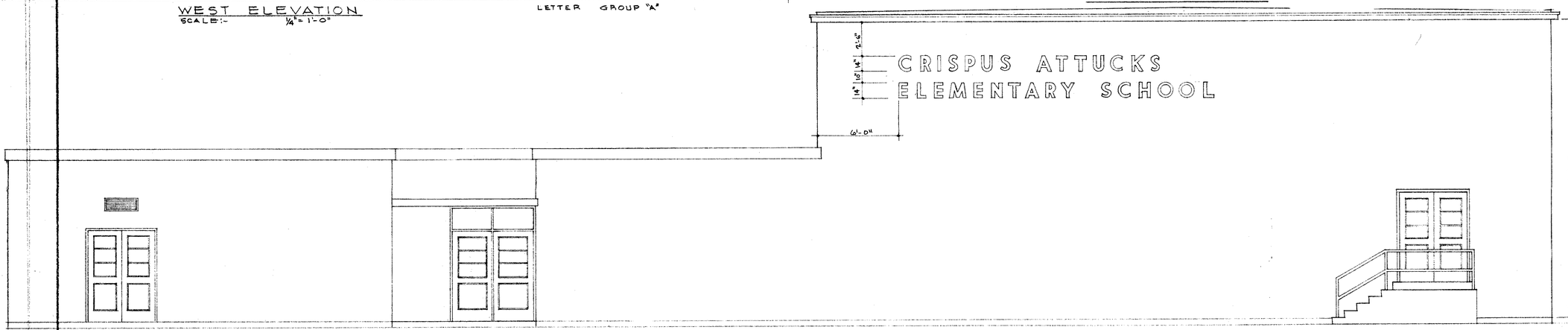
THE BASE BID SHALL BE SUBMITTED FOR THE LETTERS TO BE OF STAINLESS STEEL AND AN ALTERNATE BID SUBMITTED FOR THE LETTERS TO BE OF CAST ALUMINUM WITH A BAKED ENAMEL FINISH.

FOR THE BASE BID THE LETTERS SHALL BE OF HEIGHT, STROKE AND DEPTH AS SHOWN ON DRAWING; FLAT FACED, AND FABRICATED FROM 20 GAUGE, 18-8 ALLOY STAINLESS STEEL WITH NO 4 FINISH, ERECTED BY MOUNTING TYPE INDICATED. LETTERS SHALL BE CONTINUOUSLY SOLDERED AND BE FREE FROM WAVES AND WARPS.

FOR THE ALTERNATE BID THE LETTERS SHALL BE OF HEIGHT, STROKE AND DEPTH AS SHOWN ON DRAWING; LETTERS SHALL BE FROM NO 43 ALLOY ALCOA ALUMINUM. EDGES AND FACES ARE FILLED AND GROUND SMOOTH AND A ZINC CHROMATE PRIMER ADDED. THE LETTERS ARE TO BE FINISHED IN THE BEST GRADE GLOSSY ENAMEL BAKED FOR 5 HOURS AT TEMPERATURES OF 325° to 375°F. THE COLOR OF ENAMEL IS TO MATCH THE MASONRY COLOR FOR GLAZED BRICK SIMILAR TO SHADE S-283 "STORM GRAY GREEN" AS MANUFACTURED BY ARKYTEX CERAMIC CORPORATION.

DETAIL SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL BEFORE FABRICATION. THIS CONTRACTOR SHALL ALSO SUPPLY A FULL SCALE TEMPLATE FOR POSITIONING OF BRACKETS.

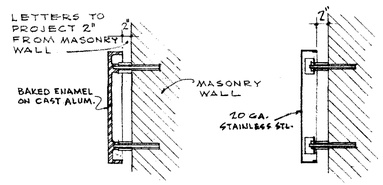
BRACKETS TO BE OF NON-CORROSIVE METAL SIMILAR TO LETTERING.



EAST ELEVATION
SCALE: 1/4" = 1'-0"

LETTER GROUP "B"

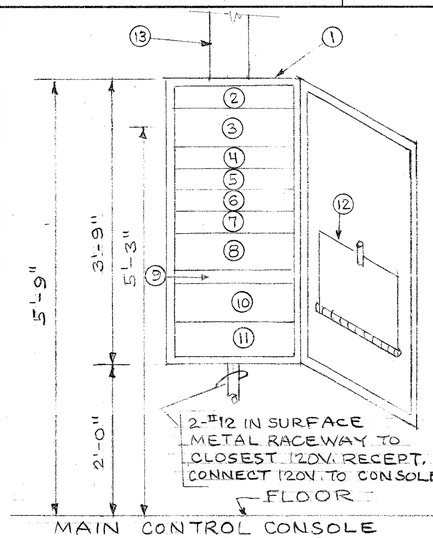
NOTE:-
LETTERS IN GROUP "B" TO BE - 14" HIGH
FUTURA STYLE WITH 3" WIDTH OF STROKE
AND 2" DEPTH.



TYPICAL MOUNTING DETAIL
NO SCALE

Certification of Authenticity
for purpose of Microfilming.
045 BOARD OF EDUCATION
4 BUREAU OF ARCHITECTURE
Director

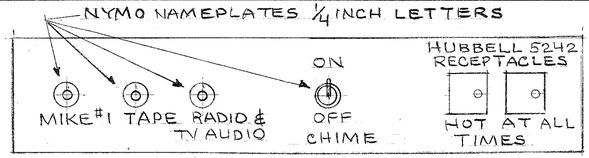
REVISIONS		ALUMINUM LETTERS FOR CRISPUS ATTUCKS ELEMENTARY SCHOOL	DATE Nov. 29-57
12/6/57	LETTERS MOVED SPECS ADDED	CRISPUS ATTUCKS ELEMENTARY SCHOOL	SHEET 110
		BOARD OF EDUCATION CITY OF CHICAGO	
DRAWN BY L.A.A.		FUGARD, BURT, WILKINSON, & ORTH ARCHITECTS 520 N. MICHIGAN AVE. CHICAGO	COMM. 1048
TRACED BY		JOB NO 922	



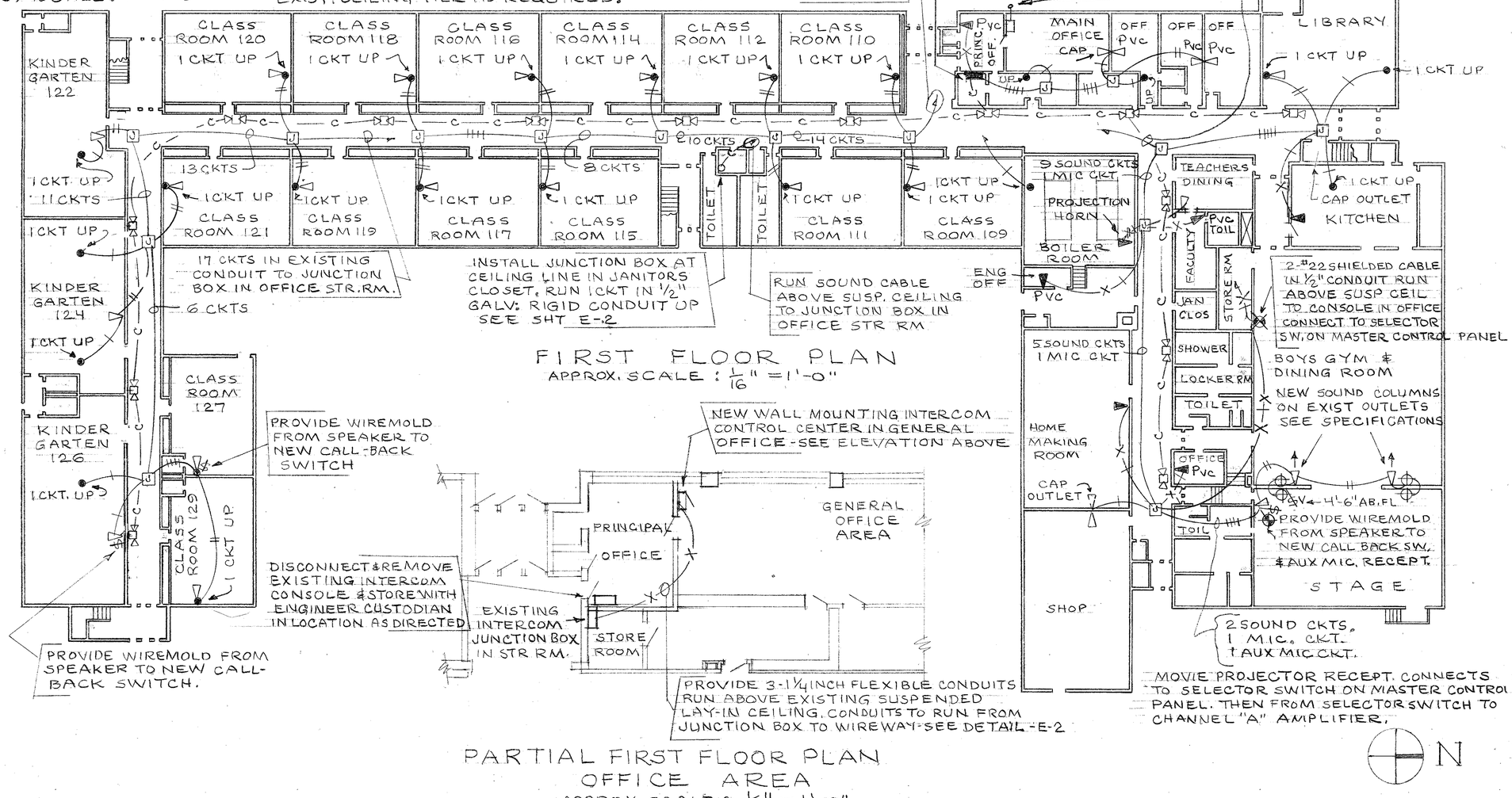
MAIN CONTROL CONSOLE
APPROX. SCALE: 1" = 1'-0"

SCHEDULE OF CONSOLE EQUIPMENT

1. SOUNDOLIER MODEL NO. 300-42 SECTIONAL WALL MOUNTING CABINET COMPLETE WITH HINGED FRONT DOOR. DOOR TO CONTAIN CYLINDER LOCK.
2. FM TUNER, CONNECT TO EXTERNAL ANTENNA.
3. MAIN CONTROL PANEL AND PRE AMPLIFIER.
4. SPEAKER SELECTOR SWITCH & ANNUNCIATOR PANEL
5. SPEAKER SELECTOR SWITCH & ANNUNCIATOR PANEL
6. SPEAKER SELECTOR SWITCH & ANNUNCIATOR PANEL
7. INPUT PANEL - SEE DETAIL THIS SHEET
8. METAL MESH SHELF - 25% MIN. OPEN AREA, FULL DEPTH OF CENTER SECTION WITH 16 GAUGE FULL HEIGHT BACK PLATE.
9. CHANNEL "B" PRE-AMPLIFIER WITH REMOTE MIC VOLUME CONTROL FOR GYM PROGRAMING
10. CHANNEL "B" AMPLIFIER - 60 WATTS
11. CHANNEL "A" AMPLIFIER - 60 WATTS
12. 14 GUAGE ROLLED EDGE ALUMINUM SHELF HINGED AT BOTTOM TO ALLOW HORIZONTAL LOCK POSITION. HARDWARE TO BE ADEQUATE TO SUPPORT 30 LBS.
13. 6" x 2" FLANGELESS SCREW COVER WIREWAY UP WALL TO AREA ABOVE SUSP. CEILING. CUT EXIST. CEILING TILE AS REQUIRED.



INPUT PANEL IN CONSOLE (ITEM #7)
NOT TO SCALE



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

PARTIAL FIRST FLOOR PLAN
OFFICE AREA
APPROX SCALE: 1/8" = 1'-0"

NOTES

ELECTRICAL SYMBOLS

- NEW SURFACE MOUNTED LOUD SPEAKER ON EXISTING OUTLET AND NEW FLUSH CALL BACK SWITCH IN EXISTING OUTLET
- NEW SURFACE MOUNTED LOUD SPEAKER ON EXISTING OUTLET AND NEW SURFACE MOUNTING CALL BACK SWITCH
- CONDUIT RISER
- NEW SURFACE MOUNTED LOUD SPEAKER ON NEW OUTLET AND NEW SURFACE MOUNTING CALL BACK SWITCH,
- NEW SURFACE MOUNTED SOUND COLUMN ON EXISTING OUTLET SEE SPECIFICATIONS
- J — EXISTING JUNCTION BOX IN EXISTING CONDUIT SYSTEM CONCEALED ABOVE SUSP. CEILING,
- NEW MICROPHONE RECEPTACLE IN EXISTING FLUSH OUTLET,
- V — NEW MICROPHONE VOLUME CONTROL IN NEW OUTLET. CONNECT TO CHANNEL B PRE-AMP IN MAIN CONSOLE
- NEW BI-DIRECTIONAL CORRIDOR SPEAKER SOUNDOLIER #512-8
- NEW SOUND SYSTEM CABLES IN EXISTING CONDUIT SYSTEM SOUND CIRCUITS AS NOTED
- +X+ — NEW SOUND SYSTEM CABLES IN NEW CONDUIT RUN CONCEALED ABOVE SUSPENDED TILE CEILING
- -C- — NEW CORRIDOR SPEAKER CABLE RUN CONCEALED ABOVE SUSP. TILE CEILING
- Pvc — PRIVACY SWITCH AND VOLUME CONTROL INCORPORATED IN CALL SWITCH.
- MOVIE PROJECTOR SOUND INPUT RECEPTACLE IN SURFACE OUTLET & VOLUME CONTROL

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION
CITY OF CHICAGO

JOSEPH P. HANNON — GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 SOUTH DEARBORN ST.

INTERCOMMUNICATION AND AUDIO DISTRIBUTION SYSTEM

KENNETH G. GROGGS, DIRECTOR — BUREAU OF ARCHITECTURE

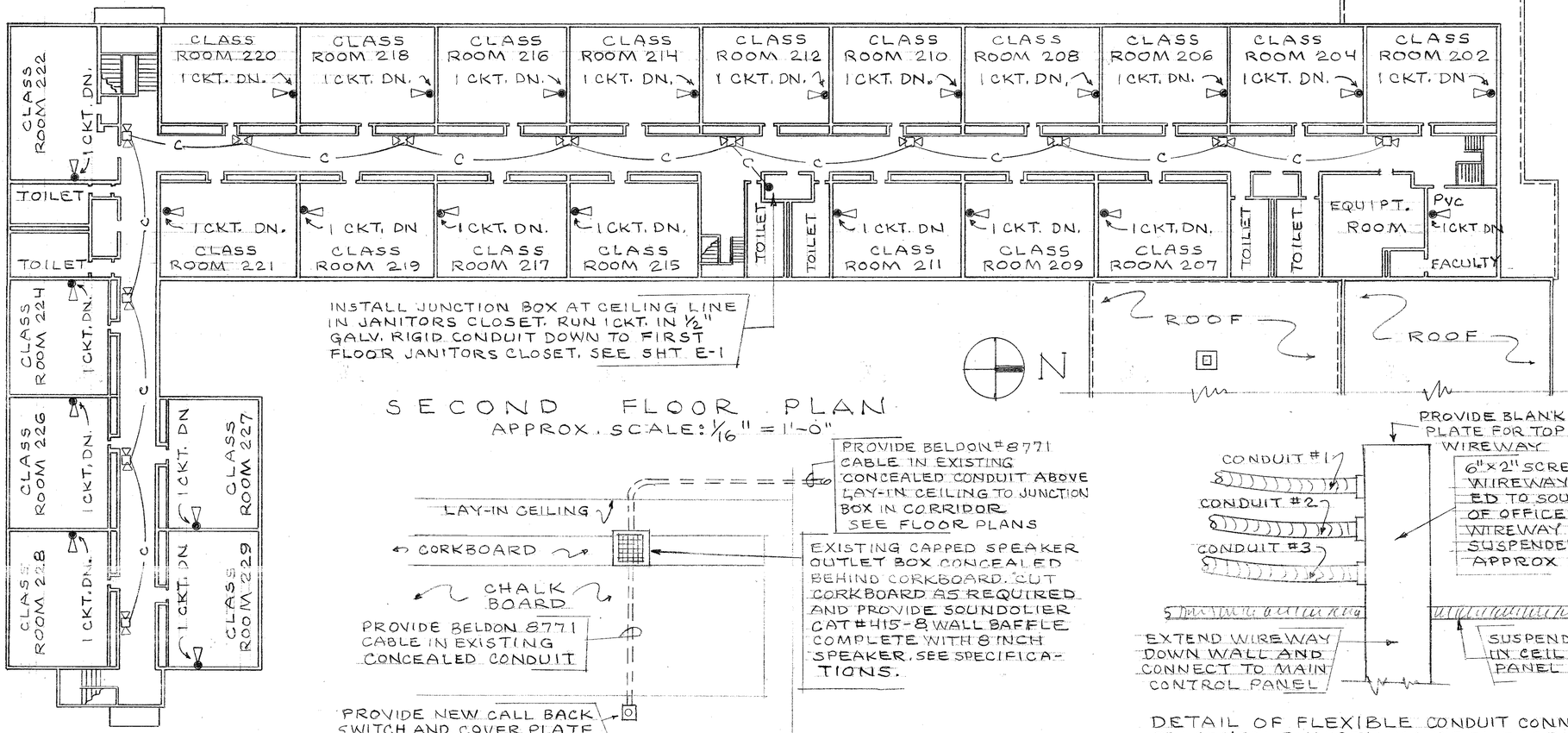
DRAWN BY	D.R. WAGNER		DRAWING NO.
CHECKED BY	E.J. YONKERS		E1
APPROVED BY	Leonard D. Stein		
DATE: 1-22-79	SCALE: AS NOTED		
JOB NO. 922-E	REQUISITION NO. 105030		

SELECTOR SWITCH SCHEDULE

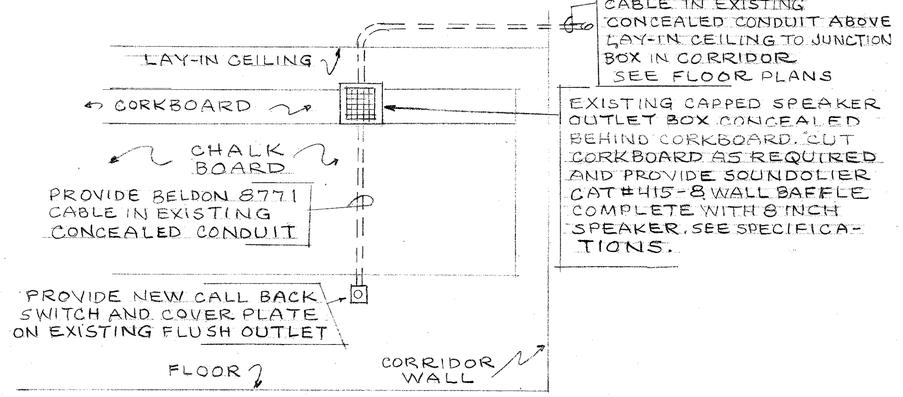
ROOM OR AREA	101	LIBR	103	OFF 104	FAC 105	NURSE	PRINC	BOIL RM	ENG	KITCH	DIN. RM	FACULTY	GYM OFF	STAGE	GYM	109	110	111	112	114	115	116	117	118	119
WATTAGE OF CIRCUIT	½	½	½	½	½	½	½	–	½	½	½	½	½	½	10	½	½	½	½	½	½	½	½	½	½
NUMBER OF UNITS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–
ROOM OR AREA	120	121	122	124	126	127	129	FAC 201	202	204	206	207	208	209	210	211	212	214	215	216	217	218	219	220	221
WATTAGE OF CIRCUIT	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
NUMBER OF UNITS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ROOM OR AREA	222	224	226	227	228	229	1 CORR	2 CORR	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
WATTAGE OF CIRCUIT	½	½	½	½	½	½	6	7																	
NUMBER OF UNITS	–	–	–	–	–	–	12	14																	

WIRE SCHEDULE

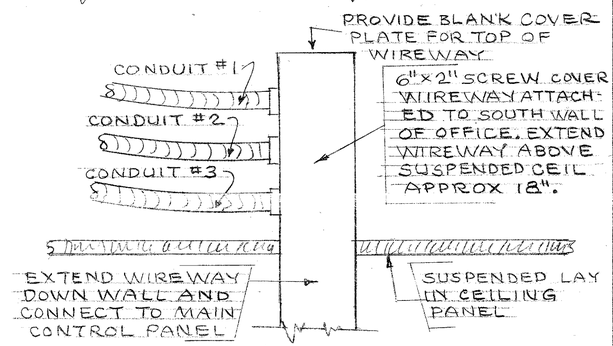
TYPE	DESCRIPTION	OUT. DIA.	REMARKS
A	3|C #22 SHIELDED	0.178	SPEAKER & CALL BACK - BELDON # 8771
B	2|C #18 VINYL JACKETED	0.226	CORRIDOR SPEAKERS - BELDON # 8461
C	2|C # 18 SHIELDED	0.222	MICROPHONE CABLE - BELDON # 8760



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



TYPICAL SPEAKER & CALL BACK SWITCH INSTALLATION
NOT TO SCALE



DETAIL OF FLEXIBLE CONDUIT CONNECTION TO CONSOLE WIREWAY ABOVE CEILING
NOT TO SCALE

CONDUIT #1 – 1¼ INCH FLEXIBLE CONDUIT WITH 22 BELDON 8771 CABLES TO JUNCTION BOX.
CONDUIT #2 – 1¼ INCH FLEXIBLE CONDUIT WITH 22 BELDON 8771 CABLES TO JUNCTION BOX.
CONDUIT #3 – 1¼ INCH FLEXIBLE CONDUIT WITH 16 BELDON 8771 CABLES, 2 BELDON 8461 CABLES, & 1 BELDON 8760 MIC CABLE.

NOTES

NO.	DATE	DESCRIPTION	APPROVED
		REVISIONS	

BOARD OF EDUCATION
CITY OF CHICAGO

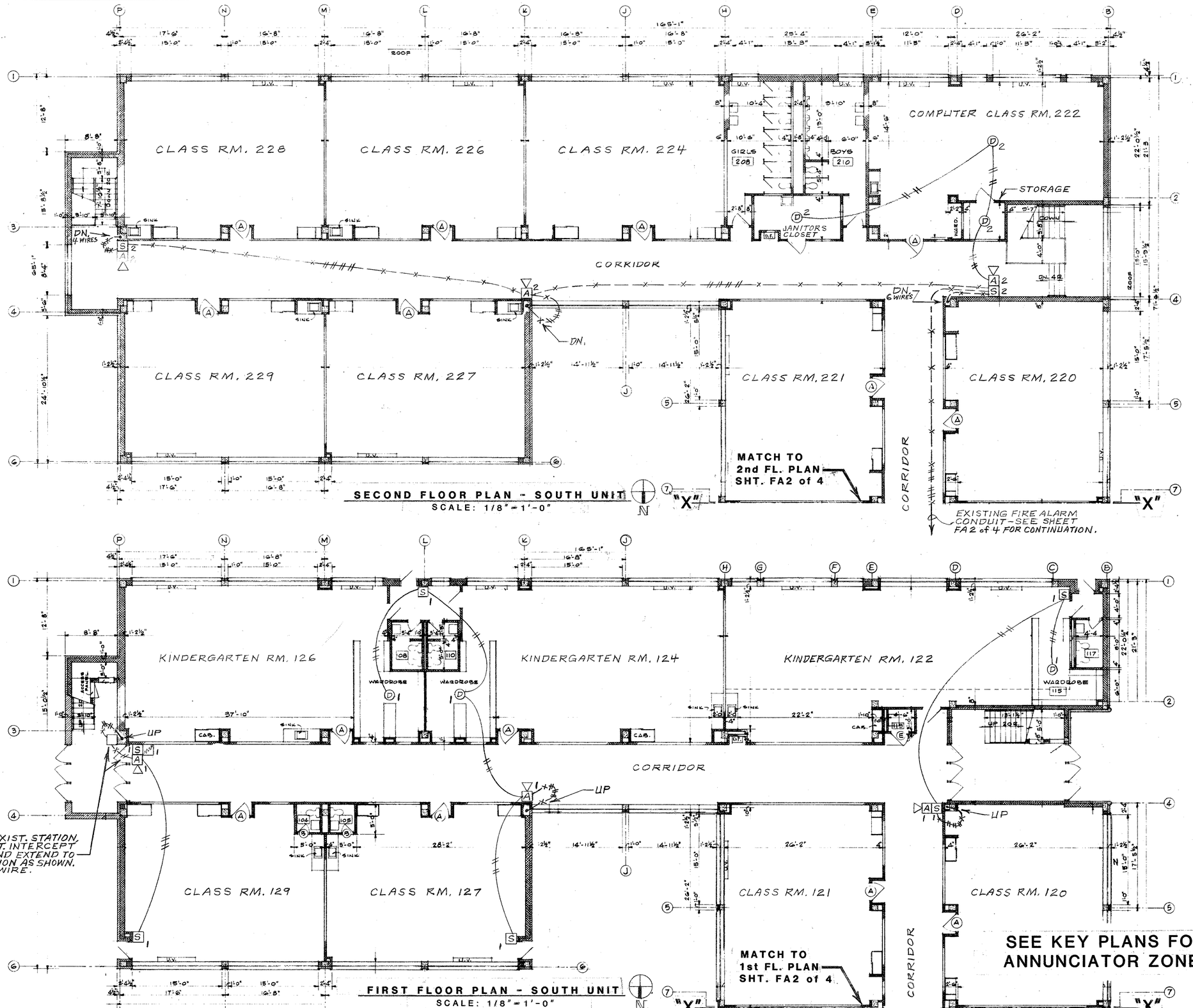
JOSEPH P. HANNON — GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 SOUTH DEARBORN ST.

INTERCOMMUNICATION AND AUDIO DISTRIBUTION SYSTEM

KENNETH G. GROGGS, DIRECTOR — BUREAU OF ARCHITECTURE

DRAWN BY	D.R. WAGNER
CHECKED BY	E.J. YONKERS
APPROVED BY	Leonard D. Stein
DATE:	1-22-79
SCALE:	AS NOTED
JOB NO.	922-E
REQUISITION NO.	105030
DRAWING NO.	E2



ELECTRICAL SYMBOLS

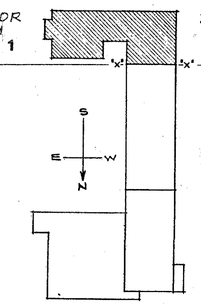
(NO. ON PLANS ADJ. TO SYMBOL DENOTES ANNUNCIATOR ZONE NO.)

- S — MANUAL PULL STATION
- A — GENERAL ALARM
- D — HEAT DETECTOR - RATE OF RISE PLUS FIXED (OR AS SHOWN)
- EOL — END OF LINE RESISTOR
- AP — ANNUNCIATOR PANEL (RECESSED)
- FACP — FIRE ALARM CONTROL PANEL
- CT — CITY TIE AND DISCONNECT PANEL
- TB — TROUBLE BELL - WITH SILENCING AND TEST SWITCH PLUS PILOT LIGHT
- CITY FIRE ALARM BOX (RECESSED)
- N — NEW EXIT FIXTURE
- E — EXISTING EXIT FIXTURE
- CG — CHANGE GLASS IN EXISTING FIXTURE
- CF — CHANGE EXISTING FIXTURE
- EXISTING RACEWAY WITH NEW WIRE.
- NEW RACEWAY WITH NEW WIRE.

ANNUNCIATOR ZONES

1ST FLOOR SOUTH ZONE 1

2ND FLOOR SOUTH ZONE 2



KEY PLAN
1st & 2nd FL. - SOUTH UNIT
NOT TO SCALE

APPROVALS

POSITION	SIGNATURE	DATE & INITIAL DESIGN	DATE & INITIAL CONST. DOC.
USER			
DSE			
BUREAU OF ARCHITECTURE			
PROJECT MANAGER			12-7-84
CHIEF ARCHITECT			12-10-84
CHIEF ENGINEER			12-7-84
CHIEF STRUCTURAL			

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION
CITY OF CHICAGO

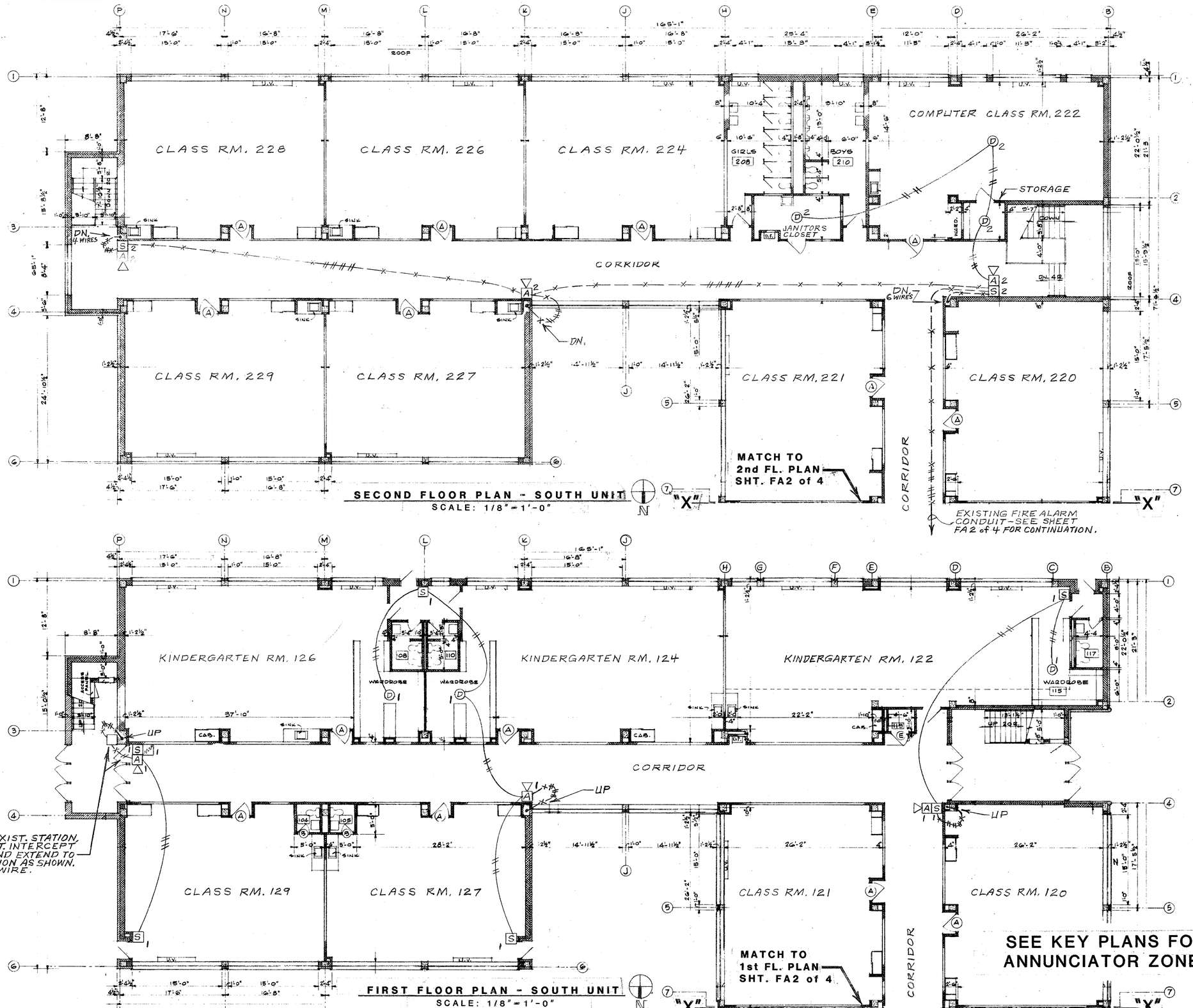
RUTH B. LOVE GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 S. DEARBORN ST.

CLASS 1 FIRE ALARM SYSTEM

RICHARD A. NORTON A.I.A. DIRECTOR BUREAU OF ARCHITECTURE

DRAWN BY NEAL C. STEWARD	DRAWING NO.
CHECKED BY E. YONKERS	FA-1
APPROVED BY	of 4
DATE: DEC. 10, 1984 SCALE: AS NOTED	
JOB NO. 922-G REQUISITION NO.	



ELECTRICAL SYMBOLS

(NO. ON PLANS ADJ. TO SYMBOL DENOTES ANNUNCIATOR ZONE NO.)

- S — MANUAL PULL STATION
- A — GENERAL ALARM
- D — HEAT DETECTOR - RATE OF RISE PLUS FIXED (OR AS SHOWN)
- EOL — END OF LINE RESISTOR
- AP — ANNUNCIATOR PANEL (RECESSED)
- FACP — FIRE ALARM CONTROL PANEL
- CT — CITY TIE AND DISCONNECT PANEL
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- CITY FIRE ALARM BOX (RECESSED)
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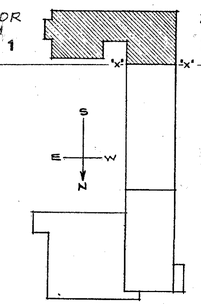
- CF — CHANGE EXISTING FIXTURE
- EXISTING RACEWAY WITH NEW WIRE.
- NEW RACEWAY WITH NEW WIRE.

ANNUNCIATOR ZONES

1ST FLOOR SOUTH ZONE 1

2ND FLOOR SOUTH ZONE 2



KEY PLAN
1st & 2nd FL. - SOUTH UNIT
NOT TO SCALE

APPROVALS

POSITION	SIGNATURE	DATE & INITIAL DESIGN	DATE & INITIAL CONST. DOC.
USER			
DSE			
BUREAU OF ARCHITECTURE			
PROJECT MANAGER			12-7-84
CHIEF ARCHITECT			12-10-84
CHIEF ENGINEER			12-7-84
CHIEF STRUCTURAL			

NO.	DATE	DESCRIPTION	APPROVED

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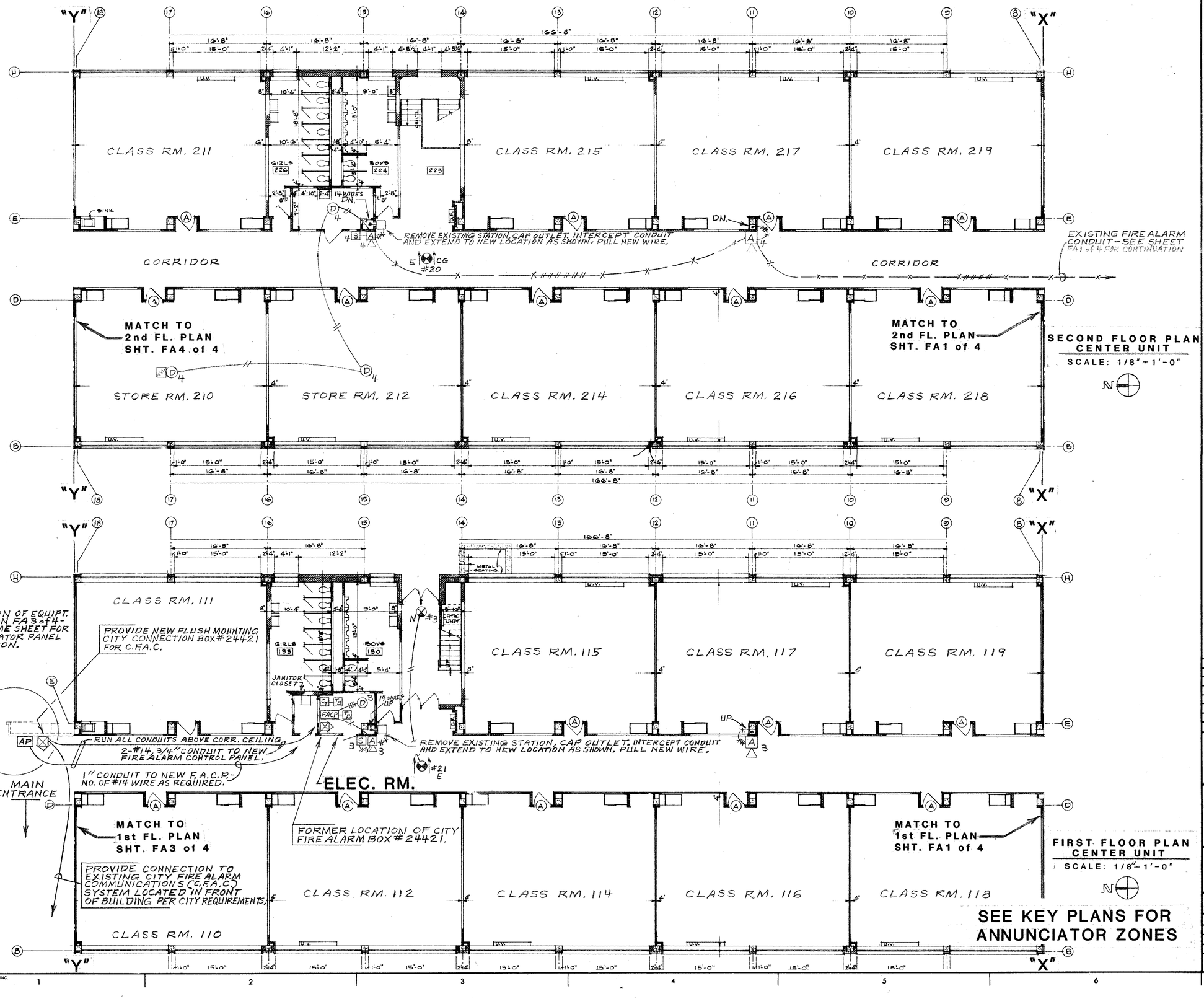
RICHARD A. NORTON A.I.A. DIRECTOR BUREAU OF ARCHITECTURE

DRAWN BY NEAL C. STEWARD	DRAWING NO.
CHECKED BY E. YONKERS	FA-1
APPROVED BY	of 4
DATE: DEC. 10, 1984 SCALE: AS NOTED	
JOB NO. 922-G REQUISITION NO.	

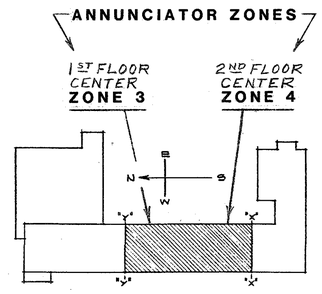


ELECTRICAL NOTES

NEW VERTICAL RISERS THRU JANITOR'S CLOSETS OR STORE ROOMS AND NEW CONDUIT RUNS IN BOILER ROOM, PIPE CHASES AND OTHER EXPOSED AREAS SHALL BE HOT DIPPED GALVANIZED HEAVY WALL CONDUIT CONFORMING WITH SECTION #88-93461 OF THE CHICAGO ELECTRICAL CODE.

SPECIAL NOTE:

ALL FIRE ALARM EQUIPMENT INDICATED ON THESE PLANS ARE TRANSCRIBED FROM BUREAU OF FIRE PREVENTION PLANS MARKED "GENERAL REJECTION-NOVEMBER 7, 1984" IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESUBMIT THREE (3) SETS OF FINAL PRINTS TO THE BUREAU OF FIRE PREVENTION FOR FINAL APPROVAL BEFORE STARTING WORK. THE GRAPHIC ARRANGEMENT OF THE FINAL PRINTS, WHICH ARE REQUIRED TO BE SUBMITTED BY THE CONTRACTOR, WILL BE IN A FORM ACCEPTABLE TO THE BUREAU OF FIRE PREVENTION.



KEY PLAN
1st & 2nd FL. - CENTER UNIT
NOT TO SCALE

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION
CITY OF CHICAGO

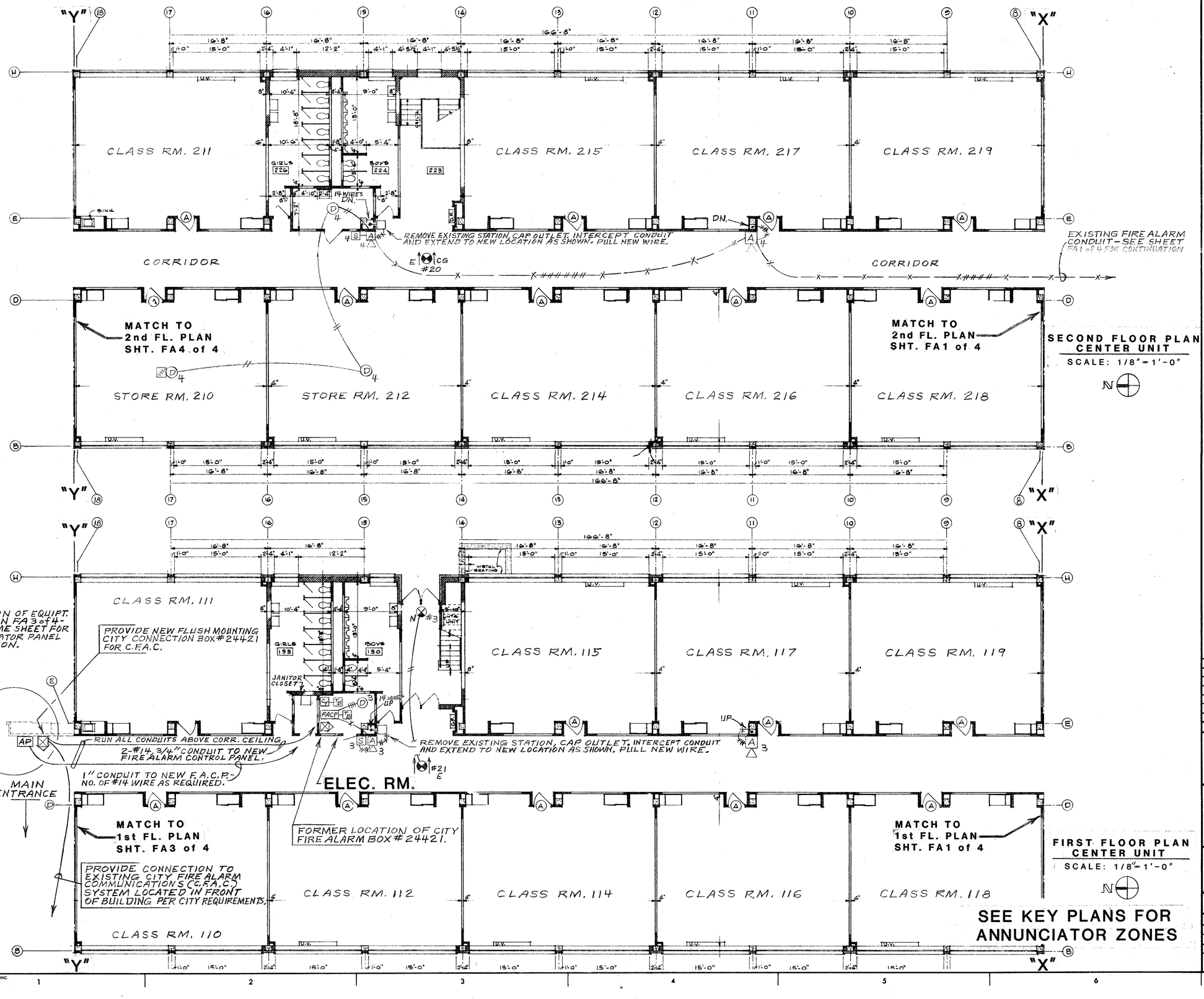
RUTH B. LOVE GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 S. DEARBORN ST.

CLASS 1 FIRE ALARM SYSTEM

RICHARD A. NORTON A.I.A. DIRECTOR - BUREAU OF ARCHITECTURE

DRAWN BY N. STEWARD	DRAWING NO.
CHECKED BY E. YONKERS	FA-2 of 4
APPROVED BY Kigg	
DATE: DEC. 10, 1984 SCALE: AS NOTED	
JOB NO. 922-G REQUISITION NO.	



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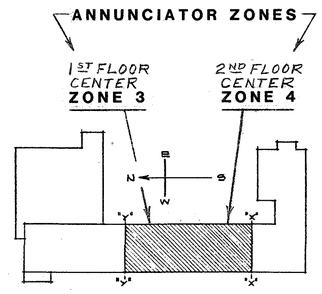

KEY PLAN
1st & 2nd FL. - CENTER UNIT
NOT TO SCALE

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION
CITY OF CHICAGO

RUTH B. LOVE GENERAL SUPERINTENDENT OF SCHOOLS

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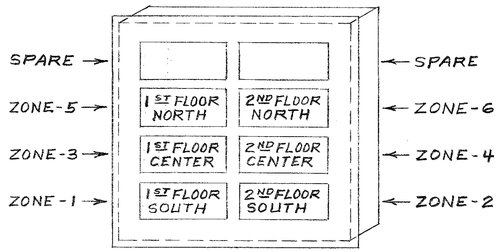
CLASS 1 FIRE ALARM SYSTEM

RICHARD A. NORTON A.I.A. DIRECTOR - BUREAU OF ARCHITECTURE

DRAWN BY N. STEWARD	DRAWING NO.
CHECKED BY E. YONKERS	FA-2 of 4
APPROVED BY Kigg	
DATE: DEC. 10, 1984 SCALE: AS NOTED	
JOB NO. 922-G REQUISITION NO.	



FLUSH MOUNTING ANNUNCIATOR PANEL

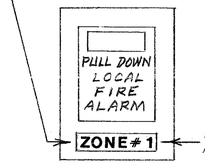
NOT TO SCALE

LETTERING TO BE NOT LESS THAN 1/4" BLACK OPAQUE ON WHITE TRANSLUCENT RECTANGULAR BACKGROUND.

FUNCTION: DESIGNATES FIRE ZONES WHEN ACTIVATED.

(SEE KEY PLANS FOR ZONE AREAS)

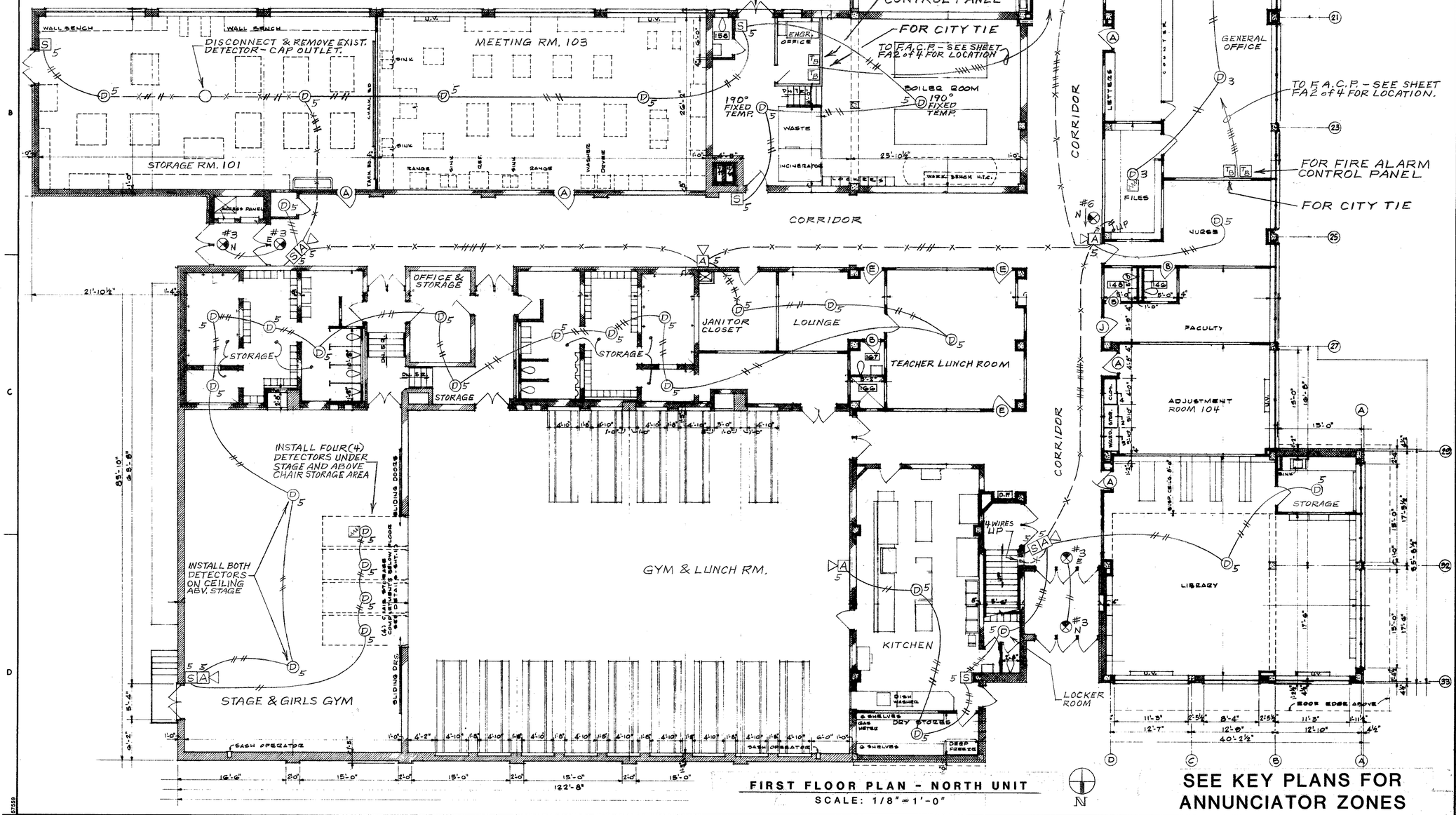
FURNISH & INSTALL ON ALL FIRE ALARM DEVICES A SELF-ADHESIVE 'DYMO' TYPE TAPE LABEL - CATALOG #R9-5134-021 3/4" TAPE WITH 1/2" HIGH WHITE LETTERS ON RED BACKGROUND.



TYPICAL LABEL FOR FIRE ALARM DEVICE

NOT TO SCALE

(MANUAL STATIONS AND DETECTORS)

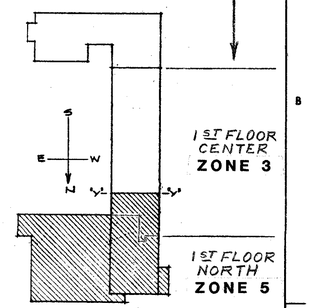


FIRST FLOOR PLAN - NORTH UNIT

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

NOTES

ANNUNCIATOR ZONES



KEY PLAN
1st FL. - NORTH UNIT
NOT TO SCALE

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION CITY OF CHICAGO

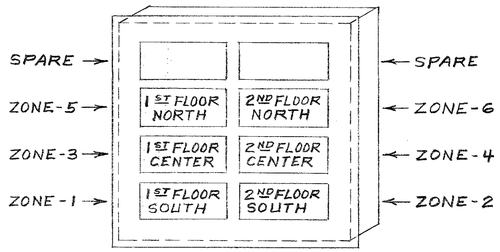
RUTH B. LOVE GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 S. DEARBORN ST.

CLASS 1 FIRE ALARM SYSTEM

RICHARD A. NORTON A.I.A. DIRECTOR BUREAU OF ARCHITECTURE

DRAWN BY N. STEWARD	DRAWING NO.
CHECKED BY E. YONKERS	FA-3 of 4
APPROVED BY [illegible]	
DATE: DEC. 10, 1984 SCALE: AS NOTED	
JOB NO. 922-G REQUISITION NO.	



FLUSH MOUNTING ANNUNCIATOR PANEL

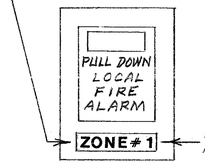
NOT TO SCALE

LETTERING TO BE NOT LESS THAN 1/4" BLACK OPAQUE ON WHITE TRANSLUCENT RECTANGULAR BACKGROUND.

FUNCTION: DESIGNATES FIRE ZONES WHEN ACTIVATED.

(SEE KEY PLANS FOR ZONE AREAS)

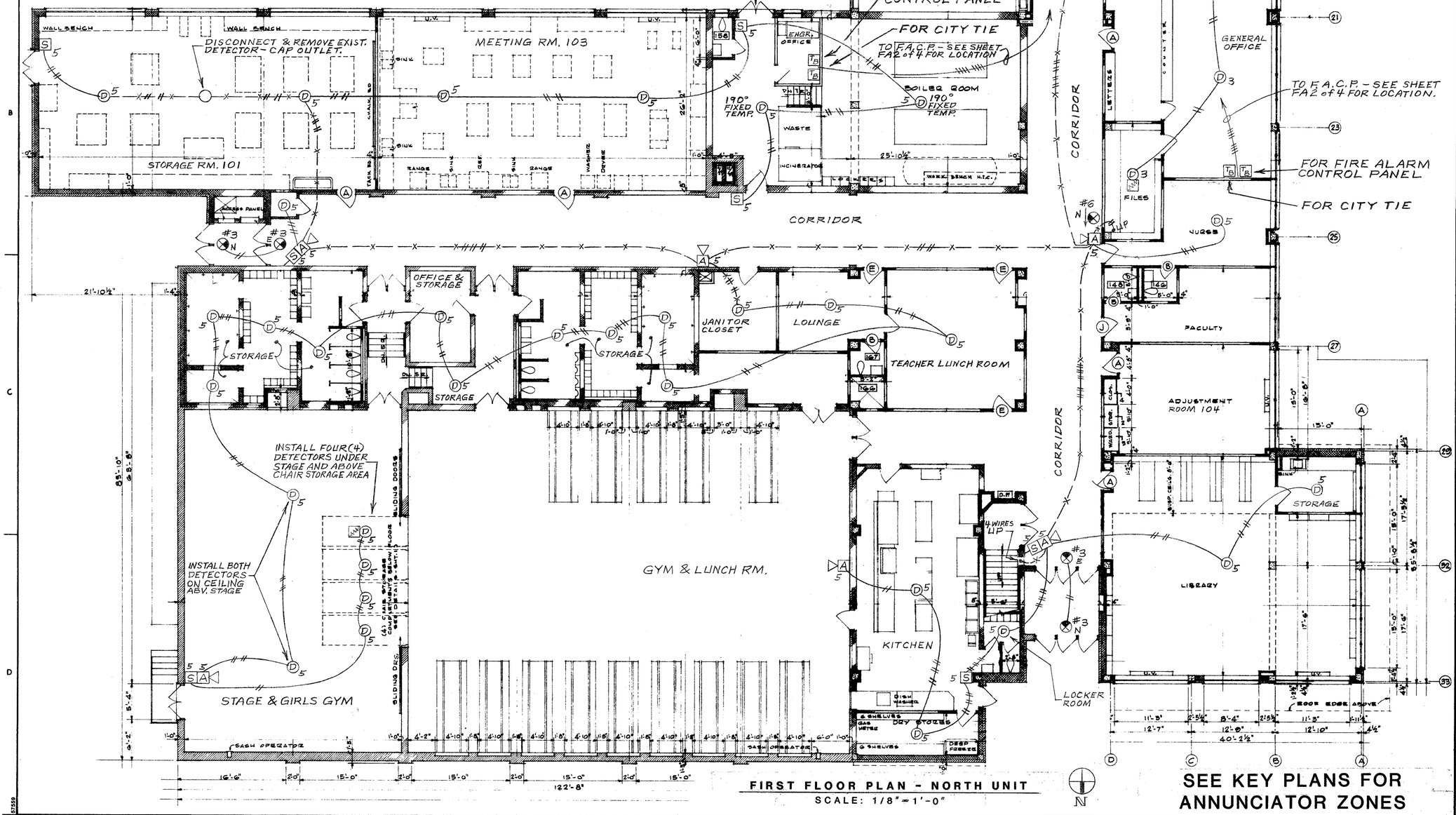
FURNISH & INSTALL ON ALL FIRE ALARM DEVICES A SELF-ADHESIVE 'DYMO' TYPE TAPE LABEL - CATALOG #R9-5134-021 3/4" TAPE WITH 1/2" HIGH WHITE LETTERS ON RED BACKGROUND.



TYPICAL LABEL FOR FIRE ALARM DEVICE

NOT TO SCALE

(MANUAL STATIONS AND DETECTORS)

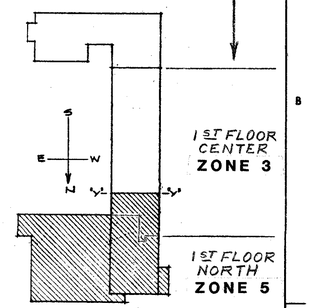


FIRST FLOOR PLAN - NORTH UNIT

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

NOTES

ANNUNCIATOR ZONES



KEY PLAN
1st FL. - NORTH UNIT
NOT TO SCALE

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION CITY OF CHICAGO

RUTH B. LOVE GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 S. DEARBORN ST.

CLASS 1 FIRE ALARM SYSTEM

RICHARD A. NORTON A.I.A. DIRECTOR BUREAU OF ARCHITECTURE

DRAWN BY N. STEWARD	DRAWING NO.
CHECKED BY E. YONKERS	FA-3 of 4
APPROVED BY [illegible]	
DATE: DEC. 10, 1984 SCALE: AS NOTED	
JOB NO. 922-G REQUISITION NO.	

"Y"

MATCH TO 2nd FL. PLAN SHT. FA2 of 4

CLASS RM. 209

CLASS RM. 208

CLASS RM. 207

CLASS RM. 206

CLASS RM. 204

CLASS RM. 202

CORRIDOR

ROOF

SCUPPER

S.D.

284

285 JANITOR

286

287 MECHANICAL

288

250 FACULTY RM.

DN.

DN. 4 WIRES

REMOVE EXIST. STATION, CAP OUTLET, INTERCEPT CONDUIT AND EXTEND TO NEW LOCATION AS SHOWN. PULL NEW WIRE.

#5 E CG

RELOCATE EXIT SIGN BELOW LIGHTS

SINK

DASH OPERATOR

125'-0"

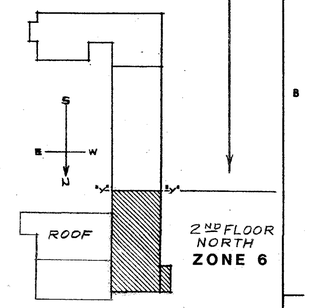
SECOND FLOOR PLAN - NORTH UNIT

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

SEE KEY PLANS FOR ANNUNCIATOR ZONES

NOTES

ANNUNCIATOR ZONE



KEY PLAN
2nd FL. - NORTH UNIT
NOT TO SCALE

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION CITY OF CHICAGO

RUTH B. LOVE GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 S. DEARBORN ST.

CLASS 1 FIRE ALARM SYSTEM

RICHARD A. NORTON A.I.A. DIRECTOR BUREAU OF ARCHITECTURE

DRAWN BY N. STEWARD	DRAWING NO.
CHECKED BY E. YONKERS	FA-4 of 4
APPROVED BY Kiss	
DATE: DEC. 10, 1984 SCALE: AS NOTED	
JOB NO. 922-G	REQUISITION NO.

57559

HANK'S BLUE PRINT & SUPPLY INC.

"Y"

MATCH TO 2nd FL. PLAN SHT. FA2 of 4

CLASS RM. 209

CLASS RM. 208

CLASS RM. 207

CLASS RM. 206

CLASS RM. 204

CLASS RM. 202

CORRIDOR

ROOF

SCUPPER

S.D.

284

285 JANITOR

286

287 MECHANICAL

288

250 FACULTY RM.

DN.

DN. 4 WIRES

REMOVE EXIST. STATION, CAP OUTLET, INTERCEPT CONDUIT AND EXTEND TO NEW LOCATION AS SHOWN. PULL NEW WIRE.

#5 E CG

RELOCATE EXIT SIGN BELOW LIGHTS

SINK

DASH OPERATOR

125'-0"

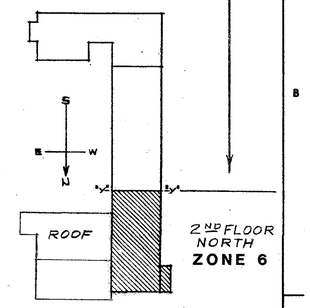
SECOND FLOOR PLAN - NORTH UNIT

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

SEE KEY PLANS FOR ANNUNCIATOR ZONES

NOTES

ANNUNCIATOR ZONE



KEY PLAN
2nd FL. - NORTH UNIT
NOT TO SCALE

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

BOARD OF EDUCATION CITY OF CHICAGO

RUTH B. LOVE GENERAL SUPERINTENDENT OF SCHOOLS

CRISPUS ATTUCKS ELEMENTARY SCHOOL
3813 S. DEARBORN ST.

CLASS 1 FIRE ALARM SYSTEM

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57559

HANK'S BLUE PRINT & SUPPLY INC.

CHICAGO PUBLIC SCHOOLS
CAPITAL IMPROVEMENT PROGRAM

RICHARD M. DALEY, MAYOR
MICHAEL SCOTT, BOARD PRESIDENT
ARNE DUNCAN, CHIEF EXECUTIVE OFFICER
TIMOTHY MARTIN, CHIEF OPERATING OFFICER

CRISPUS ATTUCKS SCHOOL
3813 S. DEARBORN ST.
CHICAGO, ILLINOIS 60609

DESIGN MANAGER

GLOBETROTTERS ENGINEERING CORPORATION
300 S. WACKER DRIVE, SUITE 200
CHICAGO, ILLINOIS 60606
TEL: (312)922-6400

ELECTRICAL CONSTRUCTION

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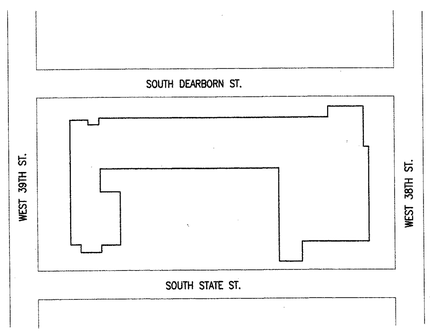
SOUTH HOLLAND, ILLINOIS 60473
TEL: (708)331-8707

ARCHITECT OF RECORD

IRI / CEPCO
ONE EAST WACKER DRIVE, SUITE 3322
CHICAGO, ILLINOIS 60601
TEL: (312)645-1901

DRAWING INDEX



KEY PLAN

POWER

CHICAGO PUBLIC SCHOOLS
CAPITAL IMPROVEMENT PROGRAM

RICHARD M. DALEY, MAYOR
MICHAEL SCOTT, BOARD PRESIDENT
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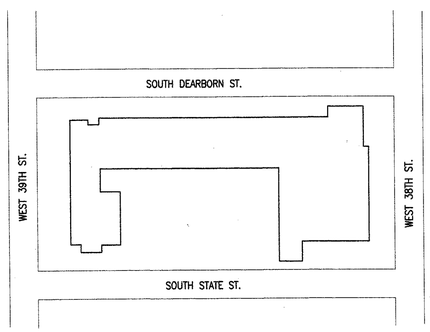
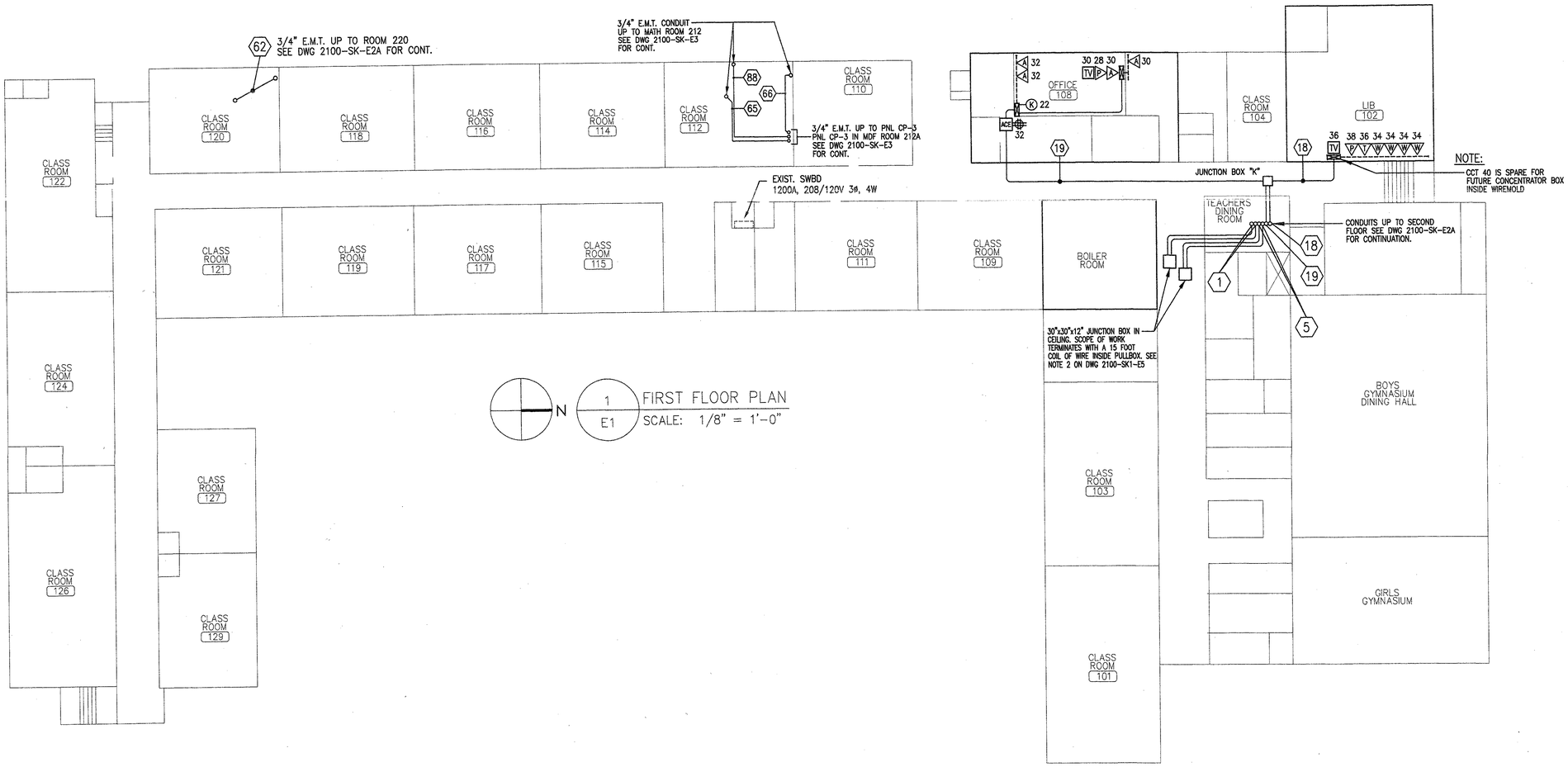


KEY PLAN

POWER

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



ATTUCKS SCHOOL FIRST FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
5	2 – 3" E.M.T., 3–300KCMIL(P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
18	1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
62	3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
88	3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
88	3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19 & 21	CP–3	ROOM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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SUITE 3322

LEGEND

- V – ADMINISTRATIVE WORKSTATION
- W – STUDENT STATION
- P – PRINTER STATION
- T – TEACHER STATION
- TV – MMTV OUTLET
- LCE – LABORATORY CONCENTRATOR ENCLOSURE
- ACE – ADMINISTRATIVE CONCENTRATOR ENCLOSURE
- – DOUBLE DUPLEX RECEPTACLE
- – AIR CONDITIONING UNIT RECEPTACLE
- K – KRONOS TIMEKEEPING SYSTEM
- ——— V4000 WIREMOLD – NEW
- ——— V3000 WIREMOLD – NEW
- –·–·– V4000 WIREMOLD – EXISTING

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NO.	REVISION	DATE
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2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

CHICAGO PUBLIC SCHOOLS
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CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 1 OF 8

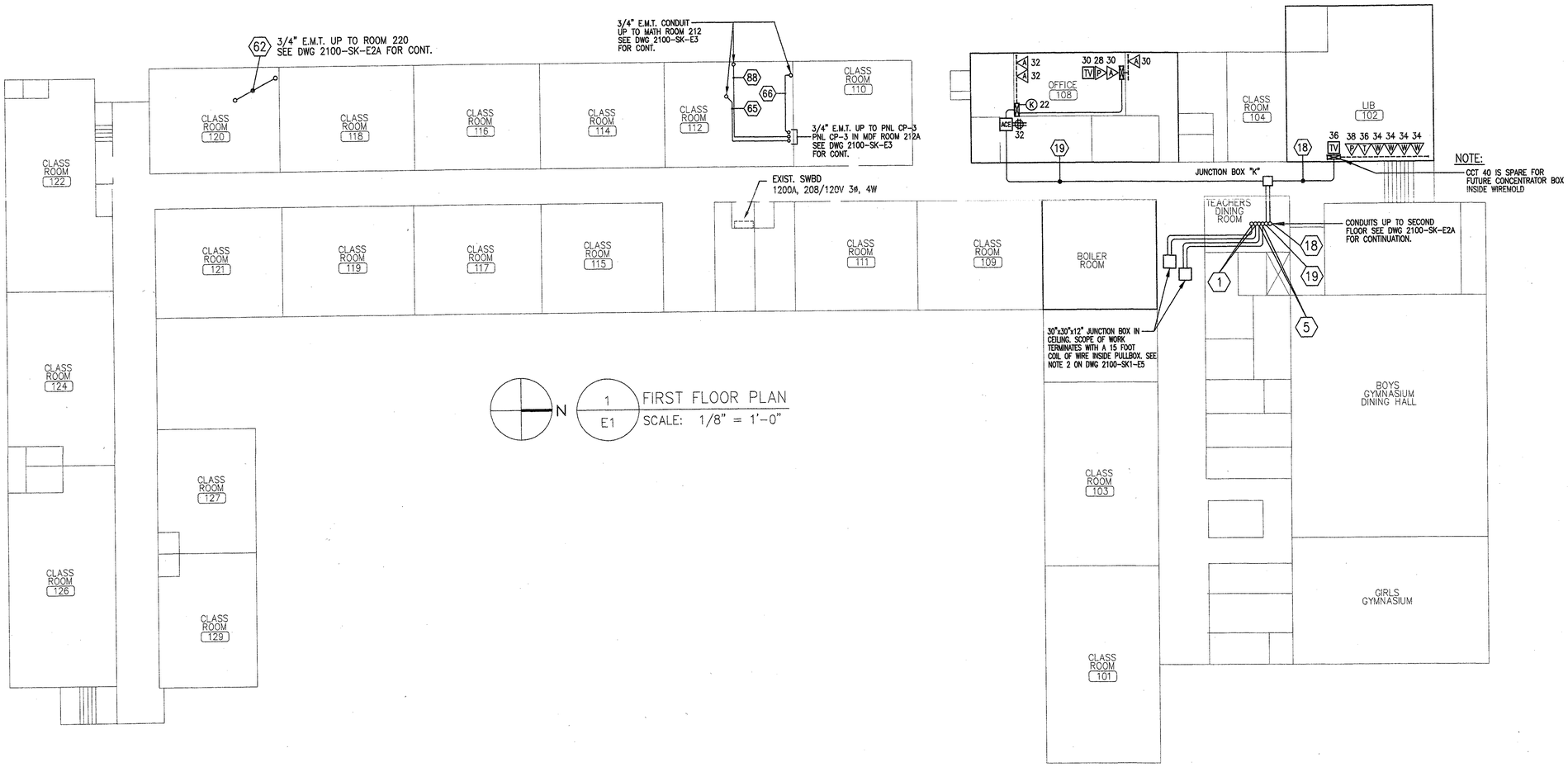
DRAWING TITLE

FIRST FLOOR PLAN CLEAN POWER

SHEET NO.

2100–SK–E1

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



ATTUCKS SCHOOL FIRST FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
5	2 – 3" E.M.T., 3–300KCMIL(P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
18	1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
62	3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
88	3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
88	3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19 & 21	CP–3	ROOM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

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- ——— V4000 WIREMOLD – NEW
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CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 1 OF 8

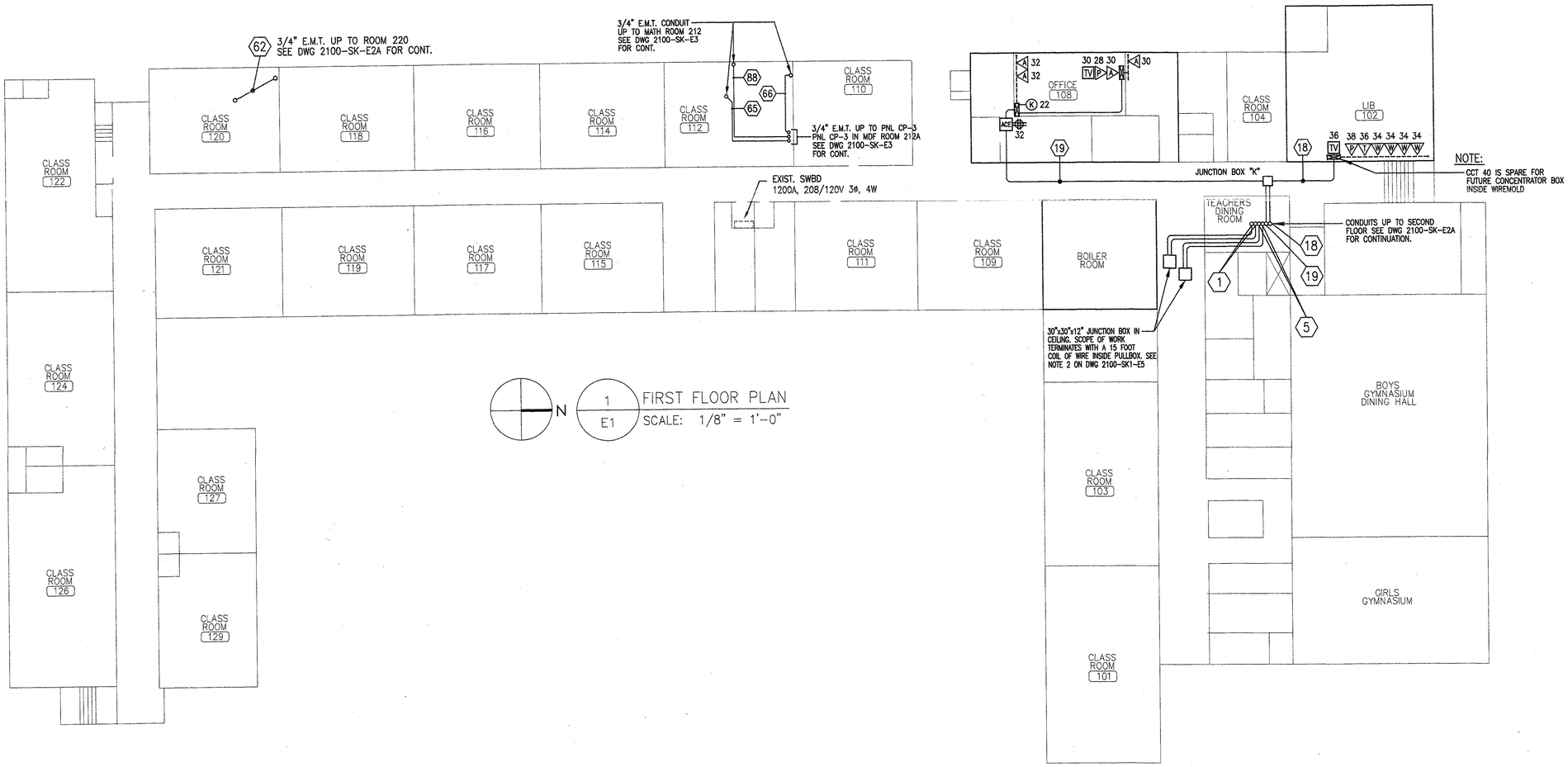
DRAWING TITLE

FIRST FLOOR PLAN CLEAN POWER

SHEET NO.

2100–SK–E1

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



ATTUCKS SCHOOL FIRST FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

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1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
5	2 – 3" E.M.T., 3–300KCMIL(P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
18	1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
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NOTE:

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CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 1 OF 8

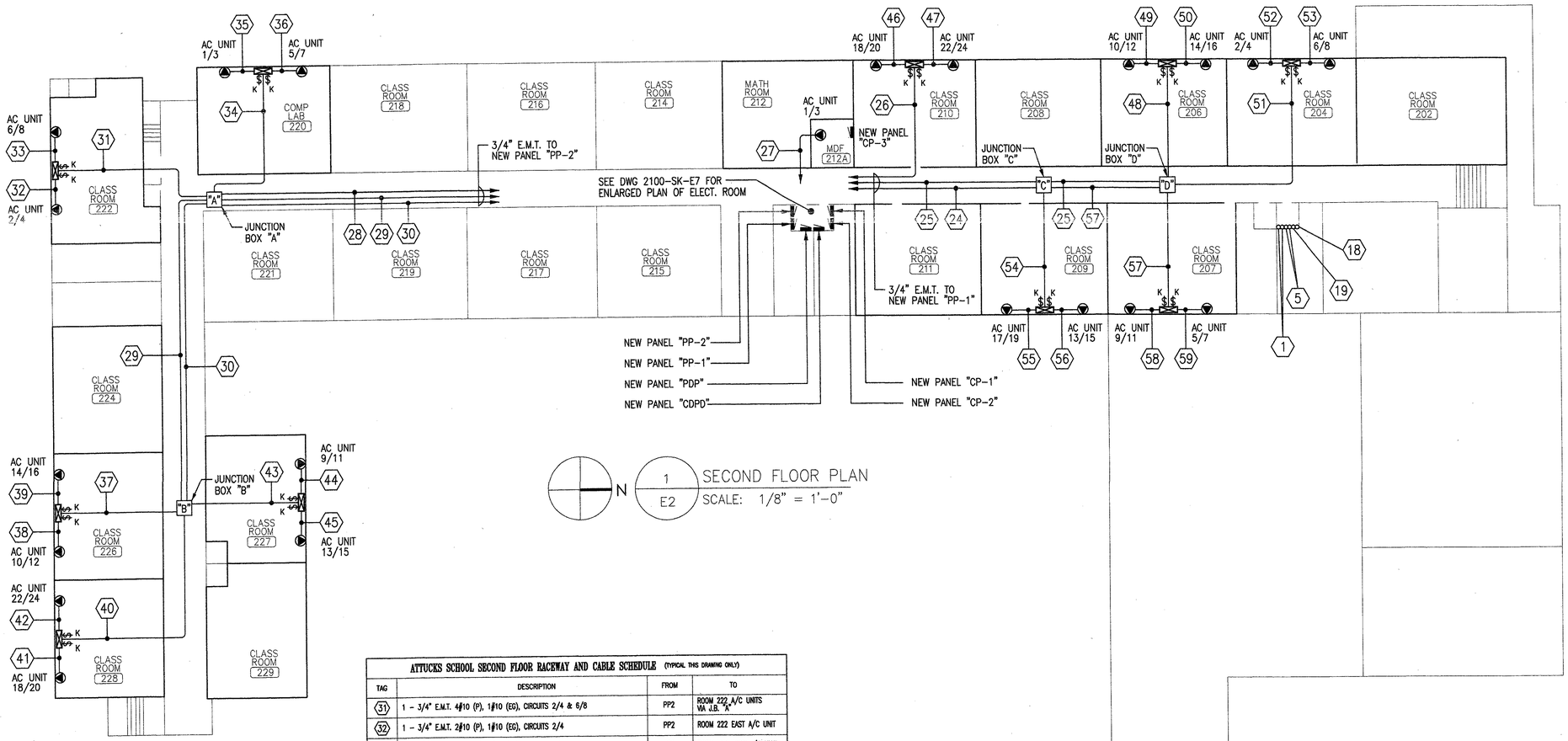
DRAWING TITLE

FIRST FLOOR PLAN CLEAN POWER

SHEET NO.

2100–SK–E1

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
5	2 – 3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP1	ROOM 108 VIA JUNCTION BOX "K"
24	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 5/7, 9/11, 13/15 & 17/19	PP1	ROOM 207 & 209 A/C UNITS VIA J.B.'s "C" & "D"
25	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 2/4, 6/8, 10/12 & 14/16	PP1	ROOM 204 & 206 A/C UNITS VIA J.B.'s "C" & "D"
26	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP1	ROOM 210 A/C UNITS
27	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP1	MDF ROOM 212A A/C UNIT
28	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 1/3, 5/7, 2/4 & 6/8	PP2	ROOM 220 & 222 A/C UNITS VIA J.B. "A"
29	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 10/12, 14/16, 18/20 & 22/24	PP2	ROOM 226 & 228 A/C UNITS VIA J.B.'s "A" & "B"
30	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
31	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP2	ROOM 222 A/C UNITS VIA J.B. "A"
32	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP2	ROOM 222 EAST A/C UNIT
33	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP2	ROOM 222 WEST A/C UNIT
34	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 1/3 & 5/7	PP2	ROOM 220 A/C UNITS VIA J.B. "A"
35	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP2	ROOM 220 SOUTH A/C UNIT
36	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP2	ROOM 220 NORTH A/C UNIT
37	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP2	ROOM 226 A/C UNITS VIA J.B.'s "A" & "B"
38	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP2	ROOM 226 EAST A/C UNIT
39	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP2	ROOM 226 WEST A/C UNIT
40	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP2	ROOM 228 A/C UNITS VIA J.B.'s "A" & "B"
41	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP2	ROOM 228 EAST A/C UNIT
42	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP2	ROOM 228 WEST A/C UNIT
43	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
44	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP2	ROOM 227 WEST A/C UNIT
45	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP2	ROOM 227 EAST A/C UNIT
46	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP1	ROOM 210 SOUTH A/C UNIT
47	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP1	ROOM 210 NORTH A/C UNIT
48	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP1	ROOM 206 A/C UNITS VIA J.B.'s "C" & "D"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
49	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP1	ROOM 206 SOUTH A/C UNIT
50	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP1	ROOM 206 NORTH A/C UNIT
51	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP1	ROOM 204 A/C UNITS VIA J.B.'s "C" & "D"
52	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP1	ROOM 204 SOUTH A/C UNIT
53	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP1	ROOM 204 NORTH A/C UNIT
54	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 13/15 & 17/19	PP1	ROOM 209 A/C UNITS VIA J.B.'s "C" & "D"
55	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 17/19	PP1	ROOM 209 SOUTH A/C UNIT
56	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP1	ROOM 209 NORTH A/C UNIT
57	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 5/7 & 9/11	PP1	ROOM 207 A/C UNITS VIA J.B.'s "C" & "D"
58	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP1	ROOM 207 SOUTH A/C UNIT
59	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP1	ROOM 207 NORTH A/C UNIT

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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Globetrotters® Engineering Corporation
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300 South Wacker Drive
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NO.	REVISION	DATE
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 2 OF 8

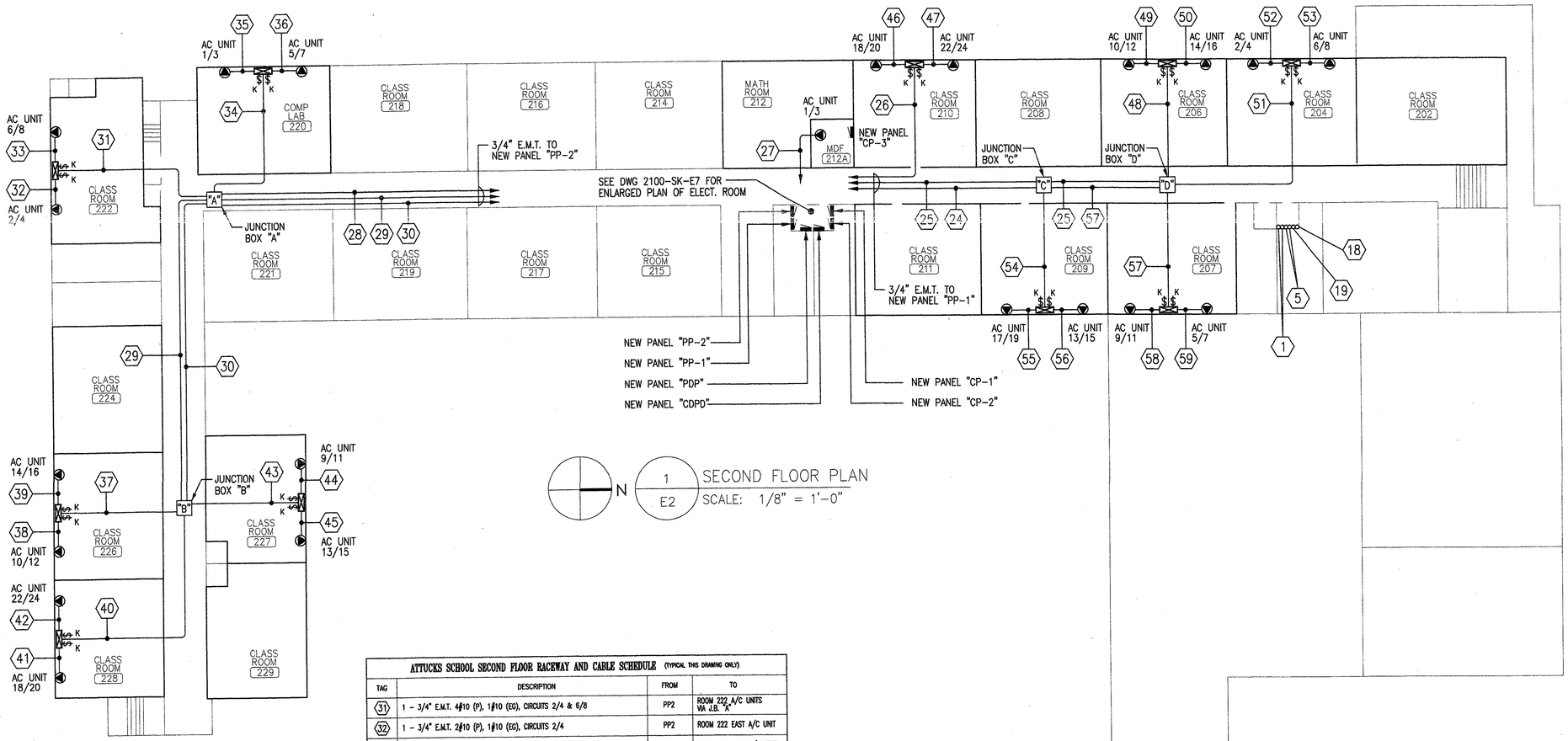
DRAWING TITLE

SECOND FLOOR PLAN A/C POWER

SHEET NO.

2100–SK–E2

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
5	2 – 3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP1	ROOM 108 VIA JUNCTION BOX "K"
24	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 5/7, 9/11, 13/15 & 17/19	PP1	ROOM 207 & 209 A/C UNITS VIA J.B.'s "C" & "D"
25	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 2/4, 6/8, 10/12 & 14/16	PP1	ROOM 204 & 206 A/C UNITS VIA J.B.'s "C" & "D"
26	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP1	ROOM 210 A/C UNITS
27	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP1	MDF ROOM 212A A/C UNIT
28	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 1/3, 5/7, 2/4 & 6/8	PP2	ROOM 220 & 222 A/C UNITS VIA J.B. "A"
29	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 10/12, 14/16, 18/20 & 22/24	PP2	ROOM 226 & 228 A/C UNITS VIA J.B.'s "A" & "B"
30	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
31	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP2	ROOM 222 A/C UNITS VIA J.B. "A"
32	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP2	ROOM 222 EAST A/C UNIT
33	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP2	ROOM 222 WEST A/C UNIT
34	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 1/3 & 5/7	PP2	ROOM 220 A/C UNITS VIA J.B. "A"
35	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP2	ROOM 220 SOUTH A/C UNIT
36	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP2	ROOM 220 NORTH A/C UNIT
37	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP2	ROOM 226 A/C UNITS VIA J.B.'s "A" & "B"
38	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP2	ROOM 226 EAST A/C UNIT
39	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP2	ROOM 226 WEST A/C UNIT
40	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP2	ROOM 228 A/C UNITS VIA J.B.'s "A" & "B"
41	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP2	ROOM 228 EAST A/C UNIT
42	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP2	ROOM 228 WEST A/C UNIT
43	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
44	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP2	ROOM 227 WEST A/C UNIT
45	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP2	ROOM 227 EAST A/C UNIT
46	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP1	ROOM 210 SOUTH A/C UNIT
47	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP1	ROOM 210 NORTH A/C UNIT
48	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP1	ROOM 206 A/C UNITS VIA J.B.'s "C" & "D"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
49	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP1	ROOM 206 SOUTH A/C UNIT
50	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP1	ROOM 206 NORTH A/C UNIT
51	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP1	ROOM 204 A/C UNITS VIA J.B.'s "C" & "D"
52	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP1	ROOM 204 SOUTH A/C UNIT
53	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP1	ROOM 204 NORTH A/C UNIT
54	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 13/15 & 17/19	PP1	ROOM 209 A/C UNITS VIA J.B.'s "C" & "D"
55	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 17/19	PP1	ROOM 209 SOUTH A/C UNIT
56	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP1	ROOM 209 NORTH A/C UNIT
57	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 5/7 & 9/11	PP1	ROOM 207 A/C UNITS VIA J.B.'s "C" & "D"
58	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP1	ROOM 207 SOUTH A/C UNIT
59	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP1	ROOM 207 NORTH A/C UNIT

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

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NO.	REVISION	DATE
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 2 OF 8

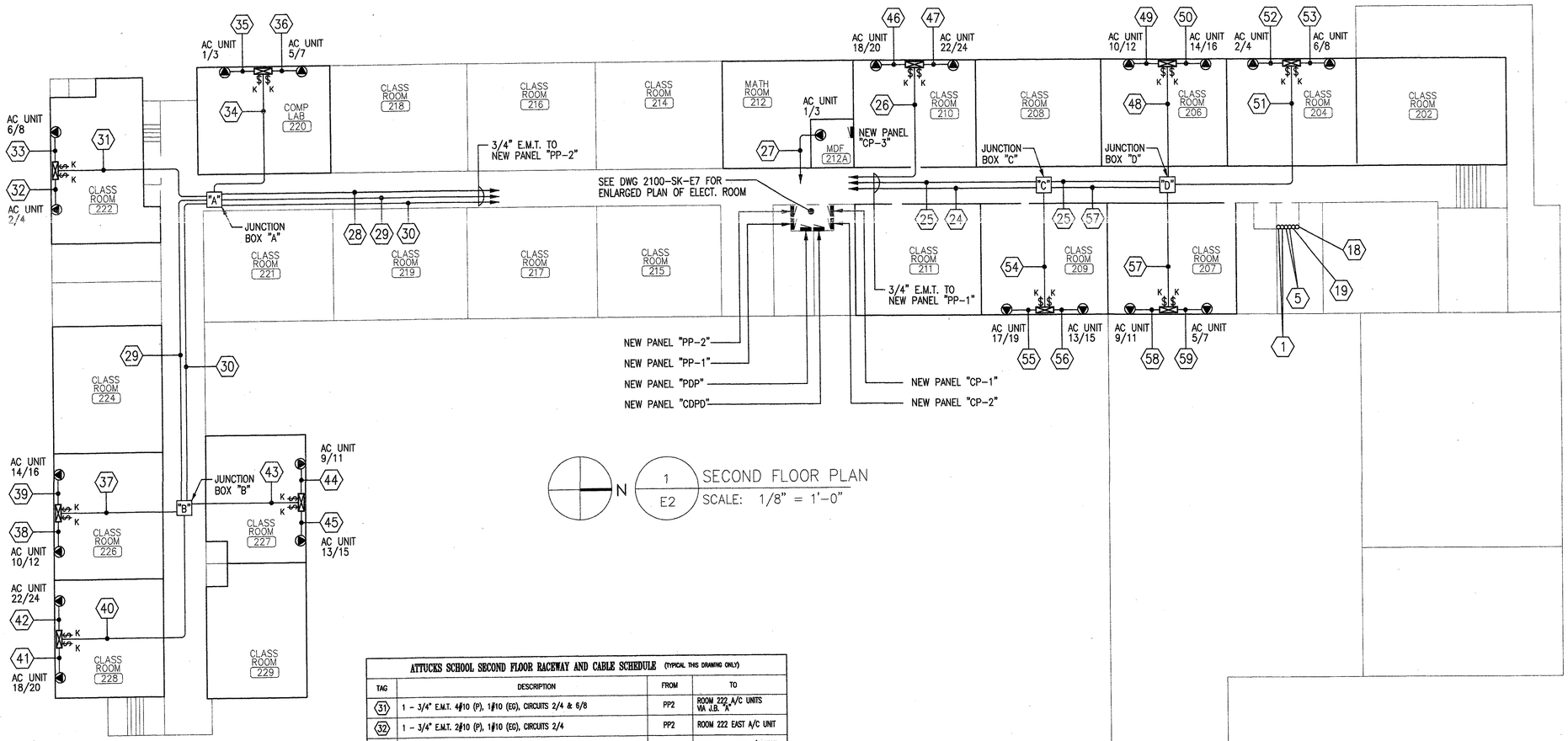
DRAWING TITLE

SECOND FLOOR PLAN A/C POWER

SHEET NO.

2100–SK–E2

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
5	2 – 3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP1	ROOM 108 VIA JUNCTION BOX "K"
24	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 5/7, 9/11, 13/15 & 17/19	PP1	ROOM 207 & 209 A/C UNITS VIA J.B.'s "C" & "D"
25	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 2/4, 6/8, 10/12 & 14/16	PP1	ROOM 204 & 206 A/C UNITS VIA J.B.'s "C" & "D"
26	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP1	ROOM 210 A/C UNITS
27	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP1	MDF ROOM 212A A/C UNIT
28	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 1/3, 5/7, 2/4 & 6/8	PP2	ROOM 220 & 222 A/C UNITS VIA J.B. "A"
29	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 10/12, 14/16, 18/20 & 22/24	PP2	ROOM 226 & 228 A/C UNITS VIA J.B.'s "A" & "B"
30	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
31	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP2	ROOM 222 A/C UNITS VIA J.B. "A"
32	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP2	ROOM 222 EAST A/C UNIT
33	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP2	ROOM 222 WEST A/C UNIT
34	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 1/3 & 5/7	PP2	ROOM 220 A/C UNITS VIA J.B. "A"
35	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP2	ROOM 220 SOUTH A/C UNIT
36	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP2	ROOM 220 NORTH A/C UNIT
37	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP2	ROOM 226 A/C UNITS VIA J.B.'s "A" & "B"
38	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP2	ROOM 226 EAST A/C UNIT
39	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP2	ROOM 226 WEST A/C UNIT
40	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP2	ROOM 228 A/C UNITS VIA J.B.'s "A" & "B"
41	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP2	ROOM 228 EAST A/C UNIT
42	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP2	ROOM 228 WEST A/C UNIT
43	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
44	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP2	ROOM 227 WEST A/C UNIT
45	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP2	ROOM 227 EAST A/C UNIT
46	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP1	ROOM 210 SOUTH A/C UNIT
47	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP1	ROOM 210 NORTH A/C UNIT
48	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP1	ROOM 206 A/C UNITS VIA J.B.'s "C" & "D"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
49	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP1	ROOM 206 SOUTH A/C UNIT
50	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP1	ROOM 206 NORTH A/C UNIT
51	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP1	ROOM 204 A/C UNITS VIA J.B.'s "C" & "D"
52	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP1	ROOM 204 SOUTH A/C UNIT
53	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP1	ROOM 204 NORTH A/C UNIT
54	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 13/15 & 17/19	PP1	ROOM 209 A/C UNITS VIA J.B.'s "C" & "D"
55	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 17/19	PP1	ROOM 209 SOUTH A/C UNIT
56	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP1	ROOM 209 NORTH A/C UNIT
57	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 5/7 & 9/11	PP1	ROOM 207 A/C UNITS VIA J.B.'s "C" & "D"
58	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP1	ROOM 207 SOUTH A/C UNIT
59	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP1	ROOM 207 NORTH A/C UNIT

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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NO.	REVISION	DATE
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 2 OF 8

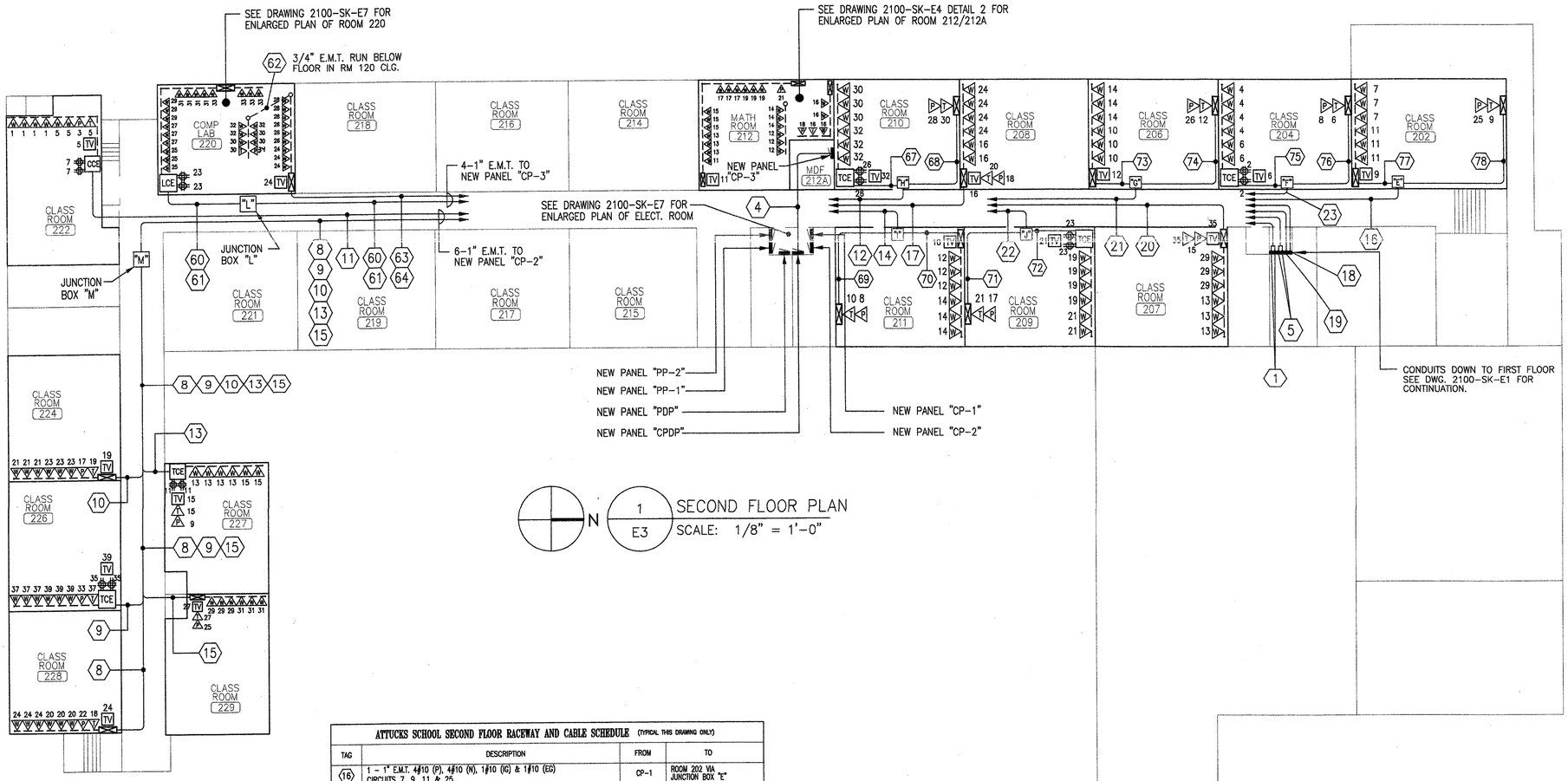
DRAWING TITLE

SECOND FLOOR PLAN A/C POWER

SHEET NO.

2100–SK–E2

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



N

1 / E3 SECOND FLOOR PLAN
SCALE: 1/8" = 1'–0"

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
4	2 – 2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2 – 3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
8	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 18, 20, 22 & 24	CP–2	ROOM 228 VIA JUNCTION BOX "M"
9	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 33, 35, 37 & 39	CP–2	ROOM 226 VIA JUNCTION BOX "M"
10	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–2	ROOM 224 VIA JUNCTION BOX "M"
11	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 1, 3, 5 & 7	CP–2	ROOM 222
12	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 28, 30 & 32	CP–2	ROOM 210
13	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9, 11, 13 & 15	CP–2	ROOM 227 VIA JUNCTION BOX "M"
14	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8, 10 ,12 & 14	CP–2	ROOM 211
15	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 25, 27, 29 & 31	CP–2	ROOM 229 VIA JUNCTION BOX "M"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
16	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9, 11 & 25	CP–1	ROOM 202 VIA JUNCTION BOX "E"
17	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16, 18, 20 & 24	CP–1	ROOM 211
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
20	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 13, 15, 29 & 35	CP–1	ROOM 207
21	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12, 14 & 26	CP–1	ROOM 108 VIA JUNCTION BOX "G"
22	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–1	ROOM 108 VIA JUNCTION BOX "J"
23	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4, 6 & 8	CP–1	ROOM 108 VIA JUNCTION BOX "F"
60	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 23, 25, 27 & 29	CP–3	ROOM 220 LCE / SOUTH WALL VIA JUNCTION BOX "L"
61	1 – 1" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 31 & 33	CP–3	ROOM 220 LCE / WEST WALL VIA JUNCTION BOX "L"
62	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
63	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
64	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 24, 26 & 28	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
65	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
67	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 30 & 32	CP–2	ROOM 210 SCE BOX AND V4000 WIREMOLD @ SOUTH WALL
68	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	CP–2	ROOM 210 TEACHER LOCATION AT NORTH WALL

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
69	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8 & 10	CP–2	RM 211 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "I"
70	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 211 STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "I"
71	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17 & 21	CP–2	RM 209 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "J"
72	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 19, 21 & 23	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "J"
73	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 206 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "G"
74	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 26	CP–2	RM 206 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "G"
75	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4 & 6	CP–2	RM 204 TCE BOX, STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "F"
76	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 6 & 8	CP–2	RM 204 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "F"
77	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9 & 11	CP–2	RM 202 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "E"
78	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9 & 25	CP–2	RM 202 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "E"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

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SUITE 3322

LEGEND

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- T – TEACHER STATION
- TV – MMTV OUTLET
- CCE – CLASSROOM CONCENTRATOR ENCLOSURE (1 ROOM)
- SCE – SHARED CONCENTRATOR ENCLOSURE (2 ROOMS)
- TCE – TRIPLE CONCENTRATOR ENCLOSURE (3 ROOMS)
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1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

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CRISPUS ATTUCKS APPENDIX–B POWER 3 OF 9

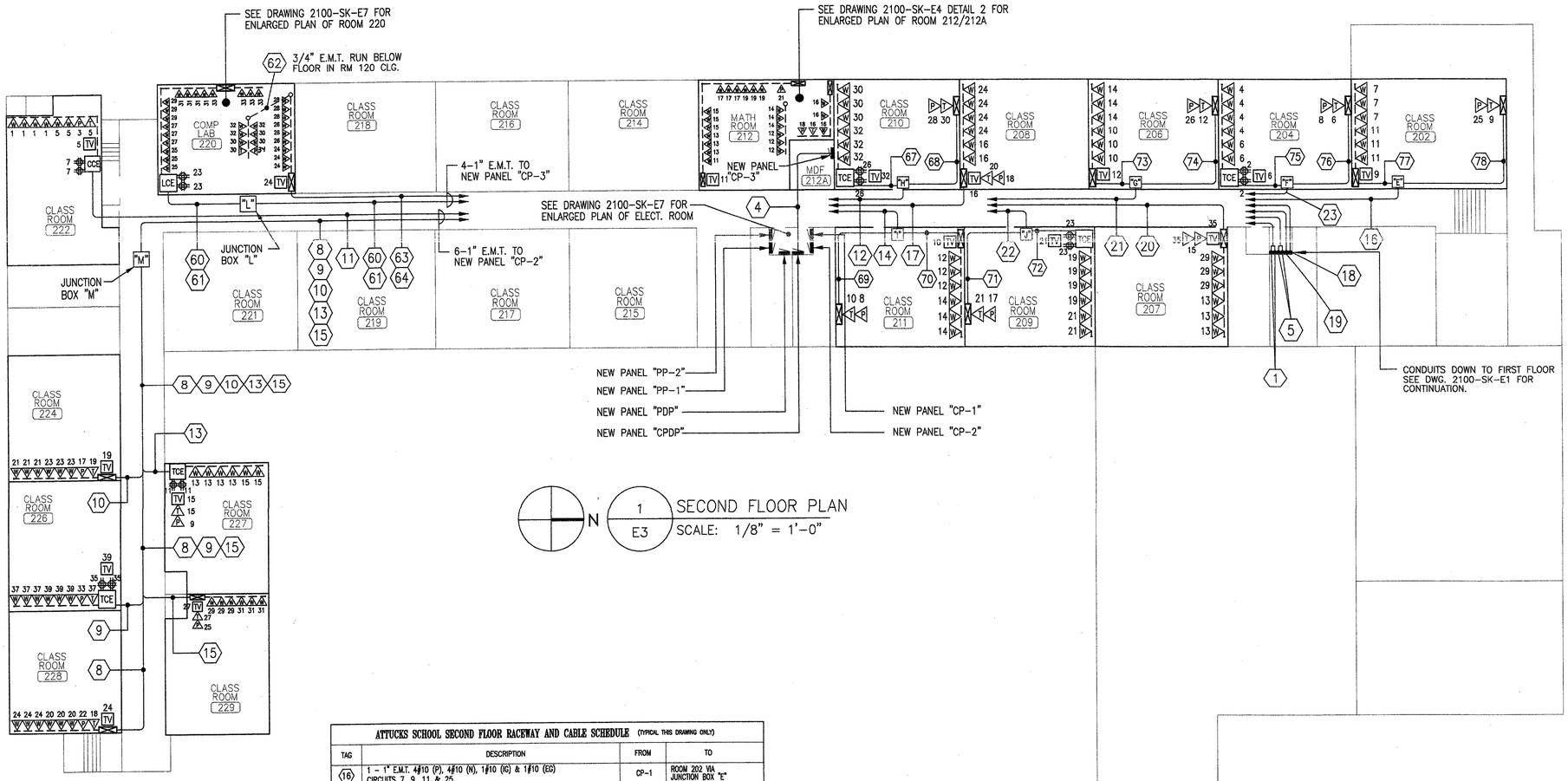
DRAWING TITLE

SECOND FLOOR PLAN CLEAN POWER

SHEET NO.

2100–SK–E3

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



N

1 / E3 SECOND FLOOR PLAN
SCALE: 1/8" = 1'–0"

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
4	2 – 2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2 – 3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
8	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 18, 20, 22 & 24	CP–2	ROOM 228 VIA JUNCTION BOX "M"
9	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 33, 35, 37 & 39	CP–2	ROOM 226 VIA JUNCTION BOX "M"
10	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–2	ROOM 224 VIA JUNCTION BOX "M"
11	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 1, 3, 5 & 7	CP–2	ROOM 222
12	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 28, 30 & 32	CP–2	ROOM 210
13	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9, 11, 13 & 15	CP–2	ROOM 227 VIA JUNCTION BOX "M"
14	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8, 10 ,12 & 14	CP–2	ROOM 211
15	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 25, 27, 29 & 31	CP–2	ROOM 229 VIA JUNCTION BOX "M"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
16	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9, 11 & 25	CP–1	ROOM 202 VIA JUNCTION BOX "E"
17	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16, 18, 20 & 24	CP–1	ROOM 211
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
20	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 13, 15, 29 & 35	CP–1	ROOM 207
21	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12, 14 & 26	CP–1	ROOM 108 VIA JUNCTION BOX "G"
22	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–1	ROOM 108 VIA JUNCTION BOX "J"
23	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4, 6 & 8	CP–1	ROOM 108 VIA JUNCTION BOX "F"
60	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 23, 25, 27 & 29	CP–3	ROOM 220 LCE / SOUTH WALL VIA JUNCTION BOX "L"
61	1 – 1" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 31 & 33	CP–3	ROOM 220 LCE / WEST WALL VIA JUNCTION BOX "L"
62	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
63	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
64	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 24, 26 & 28	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
65	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
67	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 30 & 32	CP–2	ROOM 210 SCE BOX AND V4000 WIREMOLD @ SOUTH WALL
68	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	CP–2	ROOM 210 TEACHER LOCATION AT NORTH WALL

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
69	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8 & 10	CP–2	RM 211 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "I"
70	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 211 STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "I"
71	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17 & 21	CP–2	RM 209 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "J"
72	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 19, 21 & 23	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "J"
73	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 206 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "G"
74	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 26	CP–2	RM 206 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "G"
75	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4 & 6	CP–2	RM 204 TCE BOX, STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "F"
76	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 6 & 8	CP–2	RM 204 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "F"
77	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9 & 11	CP–2	RM 202 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "E"
78	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9 & 25	CP–2	RM 202 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "E"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

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- SCE – SHARED CONCENTRATOR ENCLOSURE (2 ROOMS)
- TCE – TRIPLE CONCENTRATOR ENCLOSURE (3 ROOMS)
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CRISPUS ATTUCKS APPENDIX–B POWER 3 OF 9

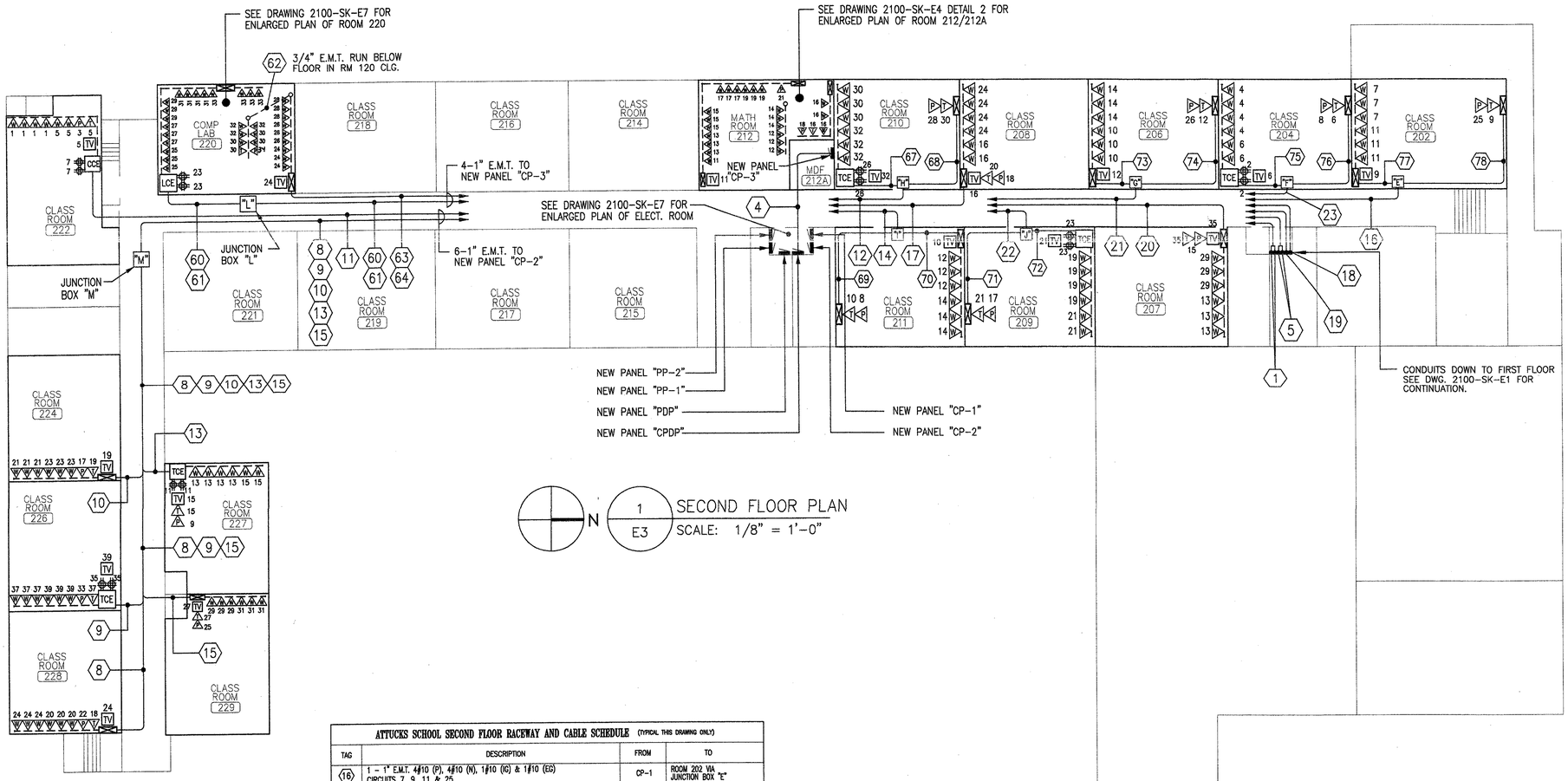
DRAWING TITLE

SECOND FLOOR PLAN CLEAN POWER

SHEET NO.

2100–SK–E3

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)



N

1 / E3 SECOND FLOOR PLAN
SCALE: 1/8" = 1'–0"

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
4	2 – 2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2 – 3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
8	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 18, 20, 22 & 24	CP–2	ROOM 228 VIA JUNCTION BOX "M"
9	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 33, 35, 37 & 39	CP–2	ROOM 226 VIA JUNCTION BOX "M"
10	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–2	ROOM 224 VIA JUNCTION BOX "M"
11	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 1, 3, 5 & 7	CP–2	ROOM 222
12	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 28, 30 & 32	CP–2	ROOM 210
13	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9, 11, 13 & 15	CP–2	ROOM 227 VIA JUNCTION BOX "M"
14	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8, 10 ,12 & 14	CP–2	ROOM 211
15	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 25, 27, 29 & 31	CP–2	ROOM 229 VIA JUNCTION BOX "M"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
16	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9, 11 & 25	CP–1	ROOM 202 VIA JUNCTION BOX "E"
17	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16, 18, 20 & 24	CP–1	ROOM 211
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
20	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 13, 15, 29 & 35	CP–1	ROOM 207
21	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12, 14 & 26	CP–1	ROOM 108 VIA JUNCTION BOX "G"
22	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–1	ROOM 108 VIA JUNCTION BOX "J"
23	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4, 6 & 8	CP–1	ROOM 108 VIA JUNCTION BOX "F"
60	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 23, 25, 27 & 29	CP–3	ROOM 220 LCE / SOUTH WALL VIA JUNCTION BOX "L"
61	1 – 1" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 31 & 33	CP–3	ROOM 220 LCE / WEST WALL VIA JUNCTION BOX "L"
62	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
63	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
64	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 24, 26 & 28	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
65	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
67	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 30 & 32	CP–2	ROOM 210 SCE BOX AND V4000 WIREMOLD @ SOUTH WALL
68	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	CP–2	ROOM 210 TEACHER LOCATION AT NORTH WALL

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

ATTUCKS SCHOOL SECOND FLOOR RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
69	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8 & 10	CP–2	RM 211 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "I"
70	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 211 STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "I"
71	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17 & 21	CP–2	RM 209 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "J"
72	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 19, 21 & 23	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "J"
73	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 206 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "G"
74	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 26	CP–2	RM 206 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "G"
75	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4 & 6	CP–2	RM 204 TCE BOX, STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "F"
76	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 6 & 8	CP–2	RM 204 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "F"
77	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9 & 11	CP–2	RM 202 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "E"
78	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9 & 25	CP–2	RM 202 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "E"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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CHICAGO, IL 60601
SUITE 3322

LEGEND

- W – STUDENT STATION
- P – PRINTER STATION
- T – TEACHER STATION
- TV – MMTV OUTLET
- CCE – CLASSROOM CONCENTRATOR ENCLOSURE (1 ROOM)
- SCE – SHARED CONCENTRATOR ENCLOSURE (2 ROOMS)
- TCE – TRIPLE CONCENTRATOR ENCLOSURE (3 ROOMS)
- – – – – – V4000 WIREMOLD – NEW
- DOUBLE DUPLEX RECEPTACLE
- V4000 WIREMOLD RUN VERTICALLY

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NO.	REVISION	DATE
3	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	02–07–02
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

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CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 3 OF 9

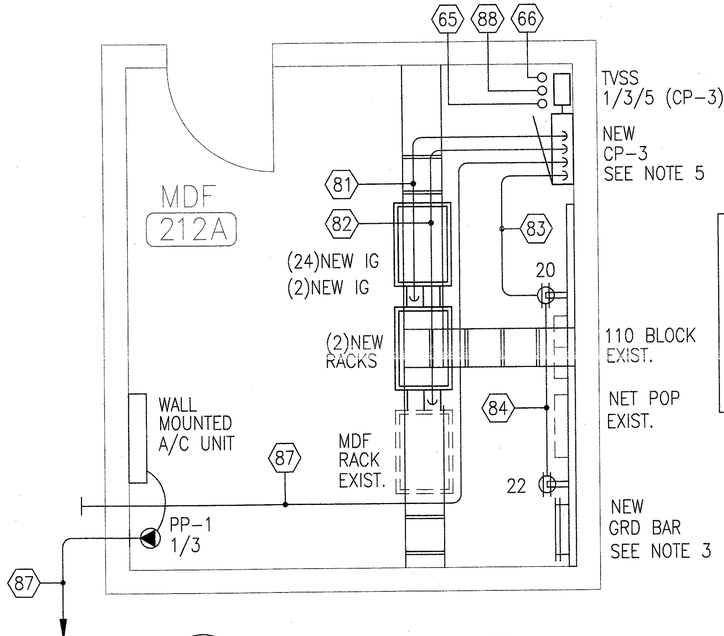
DRAWING TITLE

SECOND FLOOR PLAN CLEAN POWER

SHEET NO.

2100–SK–E3

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

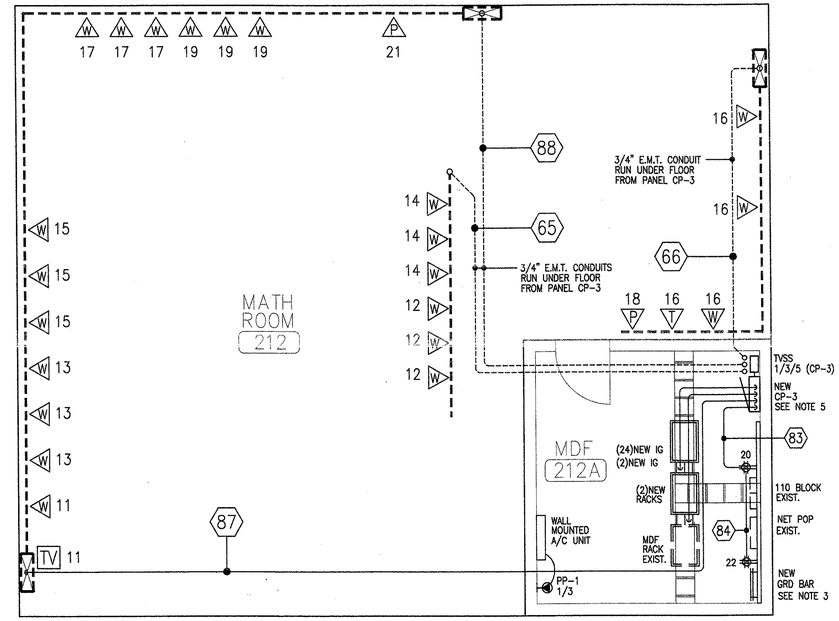


1 MDF ROOM PLAN
1/4" = 1' – 0"

NORTH

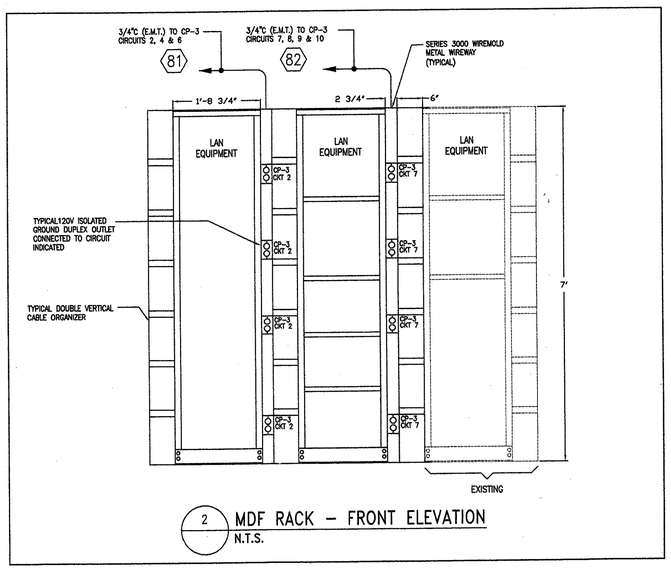
NOTES:

1. ALL DEVICE SHOWN IN MDF OR IDF ROOM ARE EXISTING UNLESS NOTED OTHERWISE ALL NEW IG RECEPTACLE, PANEL, BUS, AND WIRING WORK SHALL BE FURNISHED AND INSTALLED BY POWER CONTRACTOR UNDER THIS CONTRACT.
2. ALL NEW WORK SHALL PER LATEST CPS SPECIFICATIONS AND LOCAL CODE.
3. NEW 20X4 GROUND BUS #6, AWG CONNECT TO NEW PNL CP–3 EQUIPMENT GRD BUS
4. NEW IG RECEPTACLES FEED FROM NEW PNL CP–3 IN MDF ROOM.
5. NEW POWER PANEL 200A 42P 120/208 3ø 4W IG 200% NEUTRAL.

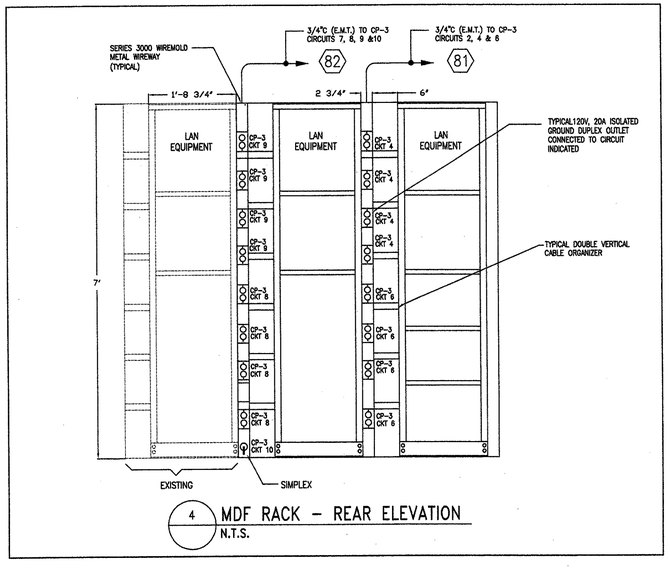


2 MDF & MATH ROOM PLAN
1/8" = 1' – 0"

NORTH



2 MDF RACK – FRONT ELEVATION
N.T.S.



4 MDF RACK – REAR ELEVATION
N.T.S.

ATTUCKS SCHOOL MDF ROOM RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
65	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 12,14	CP–3	RM 212 WIREMOLD FLOOR LOCATIONS (6 WORKSTATIONS)
66	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 16,18	CP–3	RM 212 NORTHWEST CORNER 4 WORKSTATIONS & 1 PRINTER
81	3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 2,4,6	CP–3	FIRST RACK RECEPTACLES MDF ROOM 212A
82	3/4"C, 4#10 (P), 4#10 (N) 1#10 (IG) & 1#10 (EG) CCT 7,8,9,10	CP–3	SECOND RACK RECEPTACLES MDF ROOM 212A
83	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 20,22	CP–3	QUAD RECEPTACLES IN MDF ROOM 212A – NORTH WALL
84	3/4"C, 1#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 22	CP–3	EAST QUAD RECEPTACLE IN MDF ROOM 212A – NORTH WALL
87	3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 11,13,15	CP–3	RM 212 SOUTH WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
88	3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 17,19,21	CP–3	RM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
27	3/4"C, 2#10 (P) & 1#10 (EG) CCT 1/3	PP–1	WALL MOUNTED A/C UNIT MDF ROOM 212A – SOUTH WALL

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:
THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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- ACE – ADMINISTRATIVE CONCENTRATOR ENCLOSURE
- – DOUBLE DUPLEX RECEPTACLE
- – AIR CONDITIONING UNIT RECEPTACLE
- – – – – V4000 WIREMOLD – NEW
- ——— V3000 WIREMOLD – NEW
- – V4000 VERTICAL WIREMOLD

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CRISPUS ATTUCKS APPENDIX–B POWER 4 OF 8

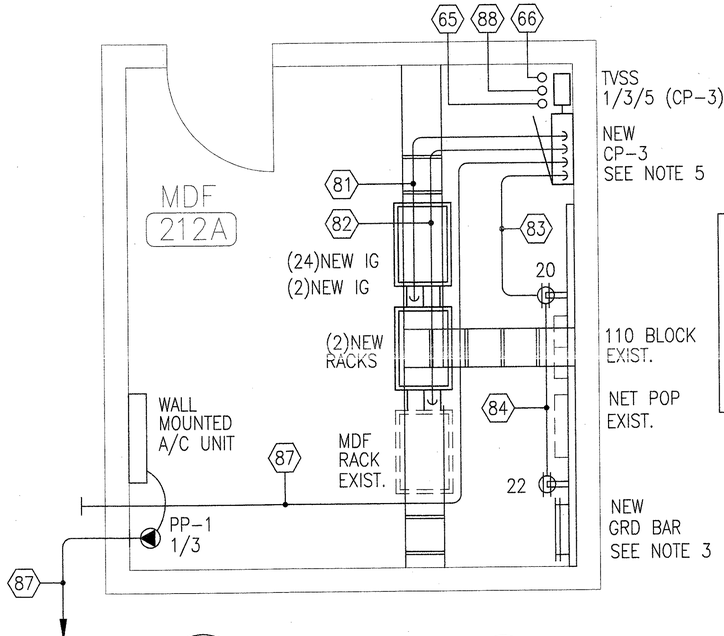
DRAWING TITLE

MDF ROOM 212A
MATH ROOM 212
ENLARGED PLANS

SHEET NO.

2100–SK–E4

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

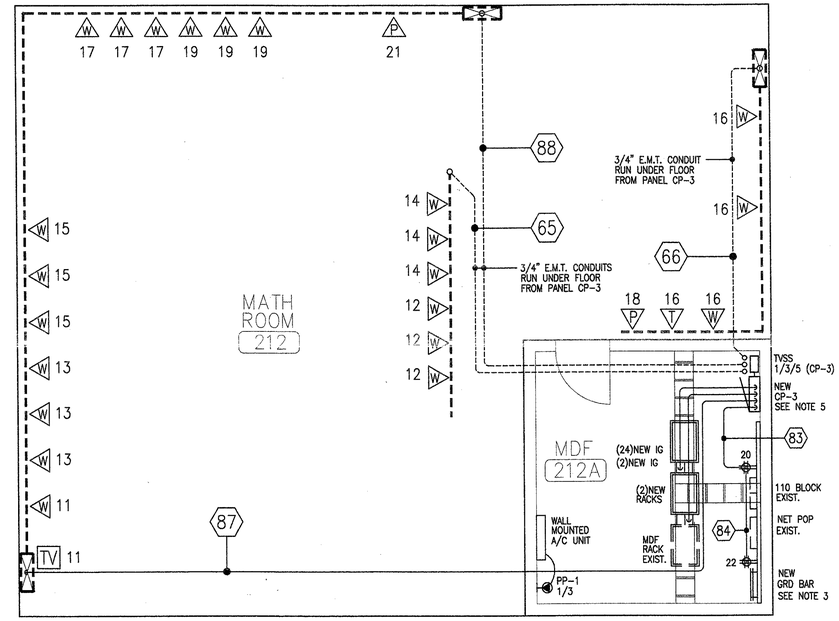


1 MDF ROOM PLAN
1/4" = 1' – 0"

NORTH

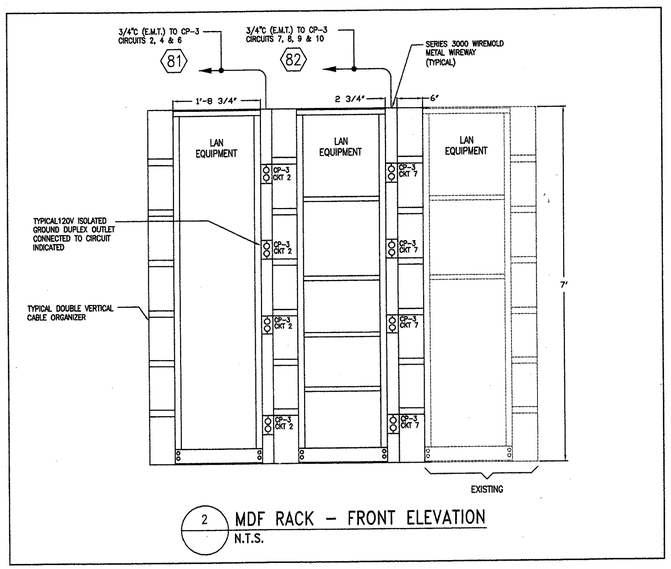
NOTES:

1. ALL DEVICE SHOWN IN MDF OR IDF ROOM ARE EXISTING UNLESS NOTED OTHERWISE ALL NEW IG RECEPTACLE, PANEL, BUS, AND WIRING WORK SHALL BE FURNISHED AND INSTALLED BY POWER CONTRACTOR UNDER THIS CONTRACT.
2. ALL NEW WORK SHALL PER LATEST CPS SPECIFICATIONS AND LOCAL CODE.
3. NEW 20X4 GROUND BUS #6, AWG CONNECT TO NEW PNL CP–3 EQUIPMENT GRD BUS
4. NEW IG RECEPTACLES FEED FROM NEW PNL CP–3 IN MDF ROOM.
5. NEW POWER PANEL 200A 42P 120/208 3ø 4W IG 200% NEUTRAL.

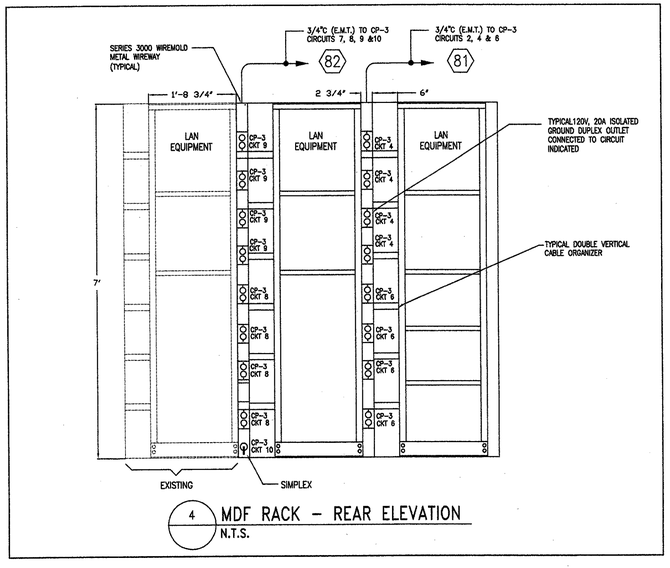


2 MDF & MATH ROOM PLAN
1/8" = 1' – 0"

NORTH



2 MDF RACK – FRONT ELEVATION
N.T.S.



4 MDF RACK – REAR ELEVATION
N.T.S.

ATTUCKS SCHOOL MDF ROOM RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
65	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 12,14	CP–3	RM 212 WIREMOLD FLOOR LOCATIONS (6 WORKSTATIONS)
66	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 16,18	CP–3	RM 212 NORTHWEST CORNER 4 WORKSTATIONS & 1 PRINTER
81	3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 2,4,6	CP–3	FIRST RACK RECEPTACLES MDF ROOM 212A
82	3/4"C, 4#10 (P), 4#10 (N) 1#10 (IG) & 1#10 (EG) CCT 7,8,9,10	CP–3	SECOND RACK RECEPTACLES MDF ROOM 212A
83	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 20,22	CP–3	QUAD RECEPTACLES IN MDF ROOM 212A – NORTH WALL
84	3/4"C, 1#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 22	CP–3	EAST QUAD RECEPTACLE IN MDF ROOM 212A – NORTH WALL
87	3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 11,13,15	CP–3	RM 212 SOUTH WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
88	3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 17,19,21	CP–3	RM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
27	3/4"C, 2#10 (P) & 1#10 (EG) CCT 1/3	PP–1	WALL MOUNTED A/C UNIT MDF ROOM 212A – SOUTH WALL

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:
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- ACE – ADMINISTRATIVE CONCENTRATOR ENCLOSURE
- – DOUBLE DUPLEX RECEPTACLE
- – AIR CONDITIONING UNIT RECEPTACLE
- – – – – V4000 WIREMOLD – NEW
- ——— V3000 WIREMOLD – NEW
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MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 4 OF 8

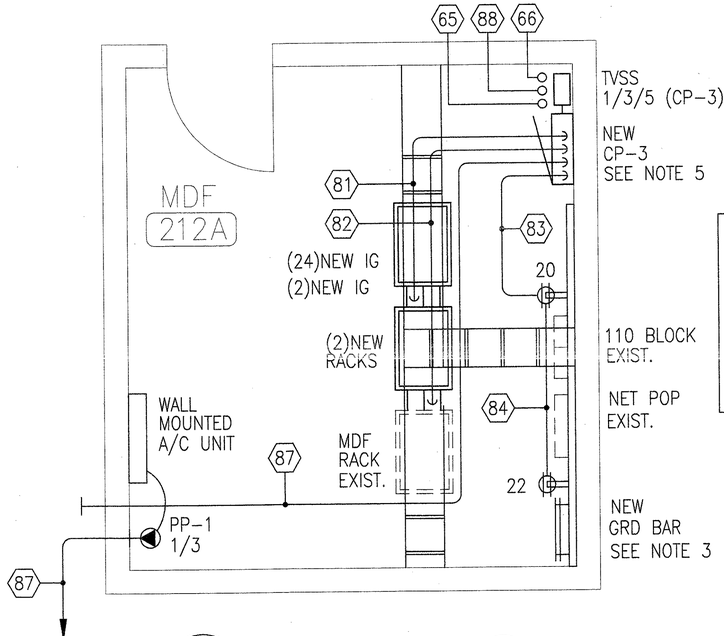
DRAWING TITLE

MDF ROOM 212A
MATH ROOM 212
ENLARGED PLANS

SHEET NO.

2100–SK–E4

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

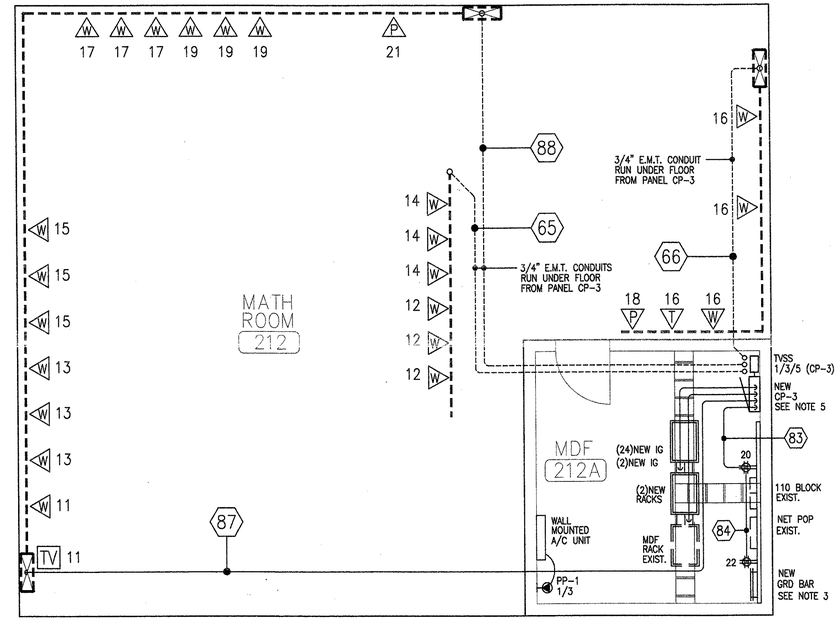


1 MDF ROOM PLAN
1/4" = 1' – 0"

NORTH

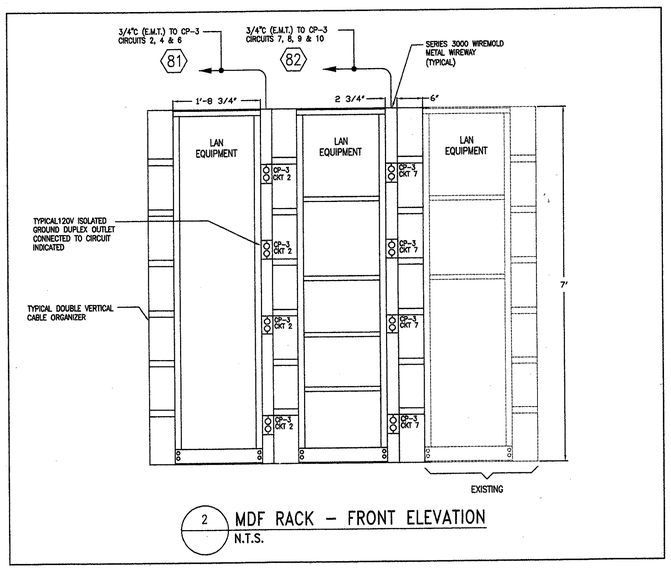
NOTES:

1. ALL DEVICE SHOWN IN MDF OR IDF ROOM ARE EXISTING UNLESS NOTED OTHERWISE ALL NEW IG RECEPTACLE, PANEL, BUS, AND WIRING WORK SHALL BE FURNISHED AND INSTALLED BY POWER CONTRACTOR UNDER THIS CONTRACT.
2. ALL NEW WORK SHALL PER LATEST CPS SPECIFICATIONS AND LOCAL CODE.
3. NEW 20X4 GROUND BUS #6, AWG CONNECT TO NEW PNL CP–3 EQUIPMENT GRD BUS
4. NEW IG RECEPTACLES FEED FROM NEW PNL CP–3 IN MDF ROOM.
5. NEW POWER PANEL 200A 42P 120/208 3ø 4W IG 200% NEUTRAL.

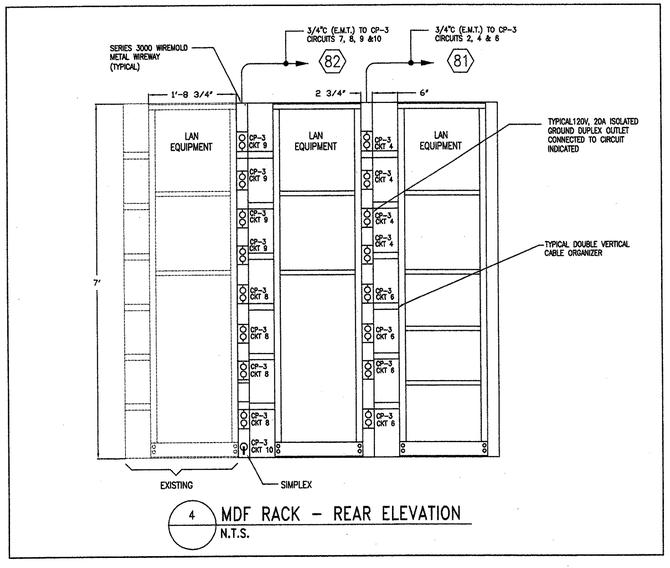


2 MDF & MATH ROOM PLAN
1/8" = 1' – 0"

NORTH



2 MDF RACK – FRONT ELEVATION
N.T.S.



4 MDF RACK – REAR ELEVATION
N.T.S.

ATTUCKS SCHOOL MDF ROOM RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
65	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 12,14	CP–3	RM 212 WIREMOLD FLOOR LOCATIONS (6 WORKSTATIONS)
66	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 16,18	CP–3	RM 212 NORTHWEST CORNER 4 WORKSTATIONS & 1 PRINTER
81	3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 2,4,6	CP–3	FIRST RACK RECEPTACLES MDF ROOM 212A
82	3/4"C, 4#10 (P), 4#10 (N) 1#10 (IG) & 1#10 (EG) CCT 7,8,9,10	CP–3	SECOND RACK RECEPTACLES MDF ROOM 212A
83	3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 20,22	CP–3	QUAD RECEPTACLES IN MDF ROOM 212A – NORTH WALL
84	3/4"C, 1#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 22	CP–3	EAST QUAD RECEPTACLE IN MDF ROOM 212A – NORTH WALL
87	3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 11,13,15	CP–3	RM 212 SOUTH WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
88	3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 17,19,21	CP–3	RM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
27	3/4"C, 2#10 (P) & 1#10 (EG) CCT 1/3	PP–1	WALL MOUNTED A/C UNIT MDF ROOM 212A – SOUTH WALL

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:
THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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LEGEND

- W – STUDENT STATION
- P – PRINTER STATION
- T – TEACHER STATION
- TV – MMTV OUTLET
- LCE – LABORATORY CONCENTRATOR ENCLOSURE
- ACE – ADMINISTRATIVE CONCENTRATOR ENCLOSURE
- – DOUBLE DUPLEX RECEPTACLE
- – AIR CONDITIONING UNIT RECEPTACLE
- – – – – V4000 WIREMOLD – NEW
- ——— V3000 WIREMOLD – NEW
- – V4000 VERTICAL WIREMOLD

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CRISPUS ATTUCKS APPENDIX–B POWER 4 OF 8

DRAWING TITLE

MDF ROOM 212A
MATH ROOM 212
ENLARGED PLANS

SHEET NO.

2100–SK–E4

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

WIRING NOTES:

1. GENERAL PURPOSE RECEPTACLE (A/C) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #12
GROUND CONDUCTOR #10

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10
GROUND CONDUCTOR #10

2. RECEPTACLES FOR DATA PROCESSING EQUIPMENT (ISOLATED) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #12
GROUND CONDUCTOR #12

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #10
GROUND CONDUCTOR #10

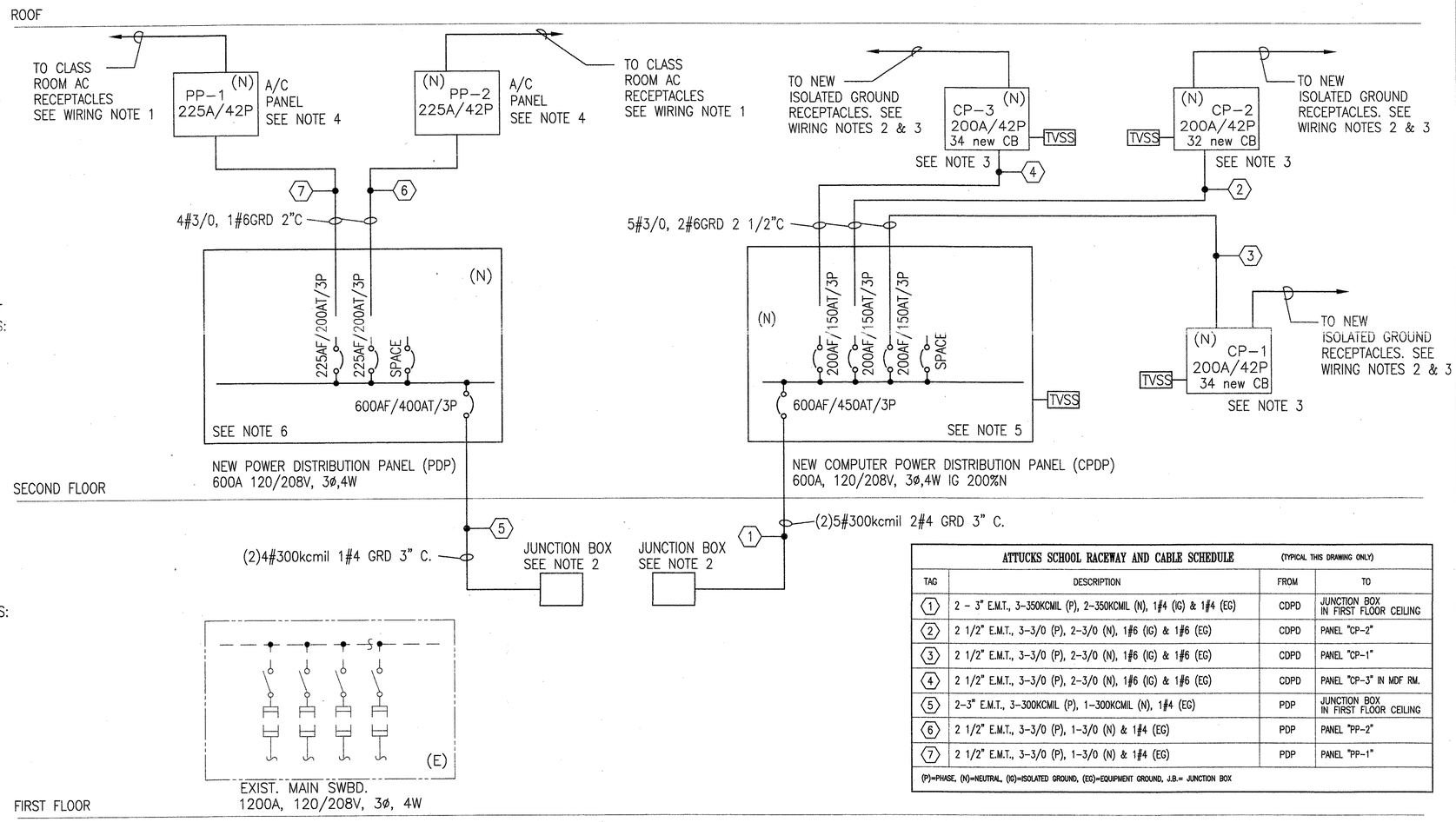
3. RECEPTACLE IN CONCENTRATORS (CCE,ACE,LCE) (ISOLATED) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #12
GROUND CONDUCTOR #6

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #10
GROUND CONDUCTOR #6



1 SINGLE LINE DIAGRAM
NTS

ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
2	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–2"
3	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–1"
4	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2–3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
6	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–2"
7	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–1"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTES:

1. ITEMS SHOWN ON DASHED LINES ARE EXISTING AND ITEMS SHOWN ON SOLID LINE ARE NEW UNLESS NOTED OTHERWISE.
2. NEW 30"x30"x12" PULL BOX ON THE FIRST FLOOR NEAR THE BOILER ROOM. 15 FOOT OF SLACK FEEDER CABLE IS PROVIDED IN THIS BOX FOR CONNECTION TO THE FUTURE NEW FEEDER FROM THE FUTURE NEW SWITCHBOARD TO BE COMPLETED UNDER A SEPARATE SCOPE OF WORK.
3. NEW 200A, 120/208V 3ø 4W COMPUTER BRANCH PANEL SHALL HAVE,

   200% NEUTRAL BUS
   ISOLATED GROUND BUS
   EQUIPMENT GROUND BUS
   TVSS CONNECTION (30A/3P)
   MAIN CIRCUIT BREAKER
   NEW 20A/1P BRANCH CIRCUIT BREAKER

4. NEW 225A, 120/208V 3ø 4W AC POWER BRANCH PANEL SHALL HAVE,

   EQUIPMENT GROUND BUS
   MAIN CIRCUIT BREAKER
   (11) 20A/2P BRANCH CB FOR PP–1
   (10) 20A/2P BRANCH CB FOR PP–2

5. NEW 600A, 120/208V 3ø 4W COMPUTER DISTRIBUTION PANEL SHALL HAVE,

   200% NEUTRAL BUS
   ISOLATED GROUND BUS
   EQUIPMENT GROUND BUS
   TVSS CONNECTION (60A/3P)
   MIN. FAULT CURRENT 65,000.

6. NEW 600A, 120/208V 3ø 4W AC POWER DISTRIBUTION PANEL SHALL HAVE,

   EQUIPMENT GROUND BUS
   MIN. FAULT CURRENT 65,000.

7. PROVIDE NEW FUSIBLE DISCONNECT AS INDICATED TO WALL MOUNT NEXT TO EXIST SWBD. THE TEMPORARY FEEDERS SHALL DIRECT TAP ON EXIST. MAIN BUS. THIS CONNECTION TO BE REMOVED AFTER SERVICE UPGRADE, TO BE COMPLETED UNDER A SEPARATE SCOPE OF WORK

LEGEND

(E) EXISTING

(N) NEW

NOTE:
THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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CRISPUS ATTUCKS APPENDIX–B POWER 5 OF 8

DRAWING TITLE
SINGLE LINE DIAGRAM

SHEET NO.
2100–SK–E5

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

WIRING NOTES:

1. GENERAL PURPOSE RECEPTACLE (A/C) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #12
GROUND CONDUCTOR #10

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10
GROUND CONDUCTOR #10

2. RECEPTACLES FOR DATA PROCESSING EQUIPMENT (ISOLATED) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #12
GROUND CONDUCTOR #12

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #10
GROUND CONDUCTOR #10

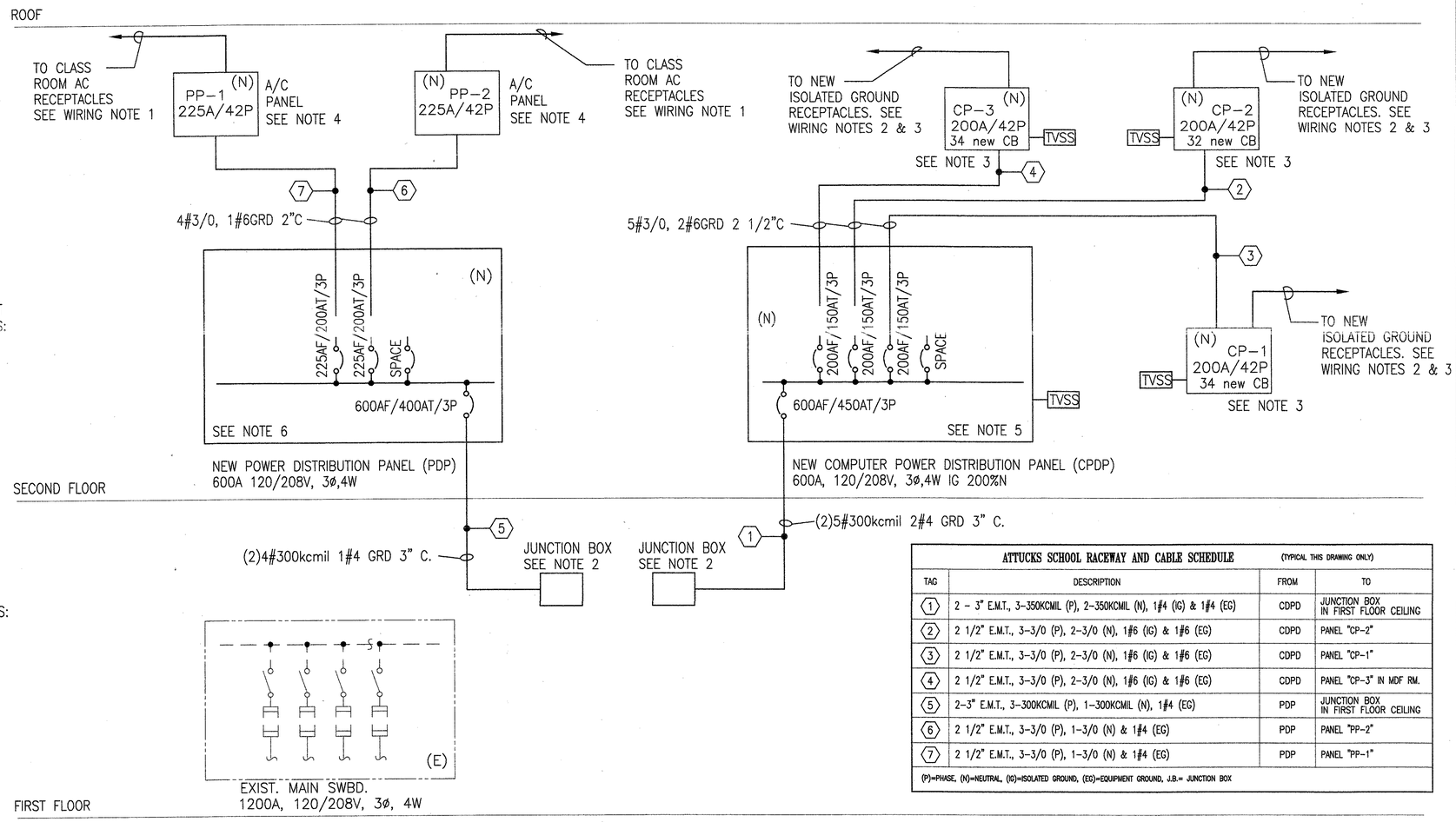
3. RECEPTACLE IN CONCENTRATORS (CCE,ACE,LCE) (ISOLATED) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #12
GROUND CONDUCTOR #6

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #10
GROUND CONDUCTOR #6



1 SINGLE LINE DIAGRAM
NTS

ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
2	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–2"
3	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–1"
4	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2–3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
6	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–2"
7	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–1"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTES:

1. ITEMS SHOWN ON DASHED LINES ARE EXISTING AND ITEMS SHOWN ON SOLID LINE ARE NEW UNLESS NOTED OTHERWISE.
2. NEW 30"x30"x12" PULL BOX ON THE FIRST FLOOR NEAR THE BOILER ROOM. 15 FOOT OF SLACK FEEDER CABLE IS PROVIDED IN THIS BOX FOR CONNECTION TO THE FUTURE NEW FEEDER FROM THE FUTURE NEW SWITCHBOARD TO BE COMPLETED UNDER A SEPARATE SCOPE OF WORK.
3. NEW 200A, 120/208V 3ø 4W COMPUTER BRANCH PANEL SHALL HAVE,

   200% NEUTRAL BUS
   ISOLATED GROUND BUS
   EQUIPMENT GROUND BUS
   TVSS CONNECTION (30A/3P)
   MAIN CIRCUIT BREAKER
   NEW 20A/1P BRANCH CIRCUIT BREAKER

4. NEW 225A, 120/208V 3ø 4W AC POWER BRANCH PANEL SHALL HAVE,

   EQUIPMENT GROUND BUS
   MAIN CIRCUIT BREAKER
   (11) 20A/2P BRANCH CB FOR PP–1
   (10) 20A/2P BRANCH CB FOR PP–2

5. NEW 600A, 120/208V 3ø 4W COMPUTER DISTRIBUTION PANEL SHALL HAVE,

   200% NEUTRAL BUS
   ISOLATED GROUND BUS
   EQUIPMENT GROUND BUS
   TVSS CONNECTION (60A/3P)
   MIN. FAULT CURRENT 65,000.

6. NEW 600A, 120/208V 3ø 4W AC POWER DISTRIBUTION PANEL SHALL HAVE,

   EQUIPMENT GROUND BUS
   MIN. FAULT CURRENT 65,000.

7. PROVIDE NEW FUSIBLE DISCONNECT AS INDICATED TO WALL MOUNT NEXT TO EXIST SWBD. THE TEMPORARY FEEDERS SHALL DIRECT TAP ON EXIST. MAIN BUS. THIS CONNECTION TO BE REMOVED AFTER SERVICE UPGRADE, TO BE COMPLETED UNDER A SEPARATE SCOPE OF WORK

LEGEND

(E) EXISTING

(N) NEW

NOTE:
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CRISPUS ATTUCKS APPENDIX–B POWER 5 OF 8

DRAWING TITLE
SINGLE LINE DIAGRAM

SHEET NO.
2100–SK–E5

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

WIRING NOTES:

1. GENERAL PURPOSE RECEPTACLE (A/C) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #12
GROUND CONDUCTOR #10

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10
GROUND CONDUCTOR #10

2. RECEPTACLES FOR DATA PROCESSING EQUIPMENT (ISOLATED) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #12
GROUND CONDUCTOR #12

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #10
GROUND CONDUCTOR #10

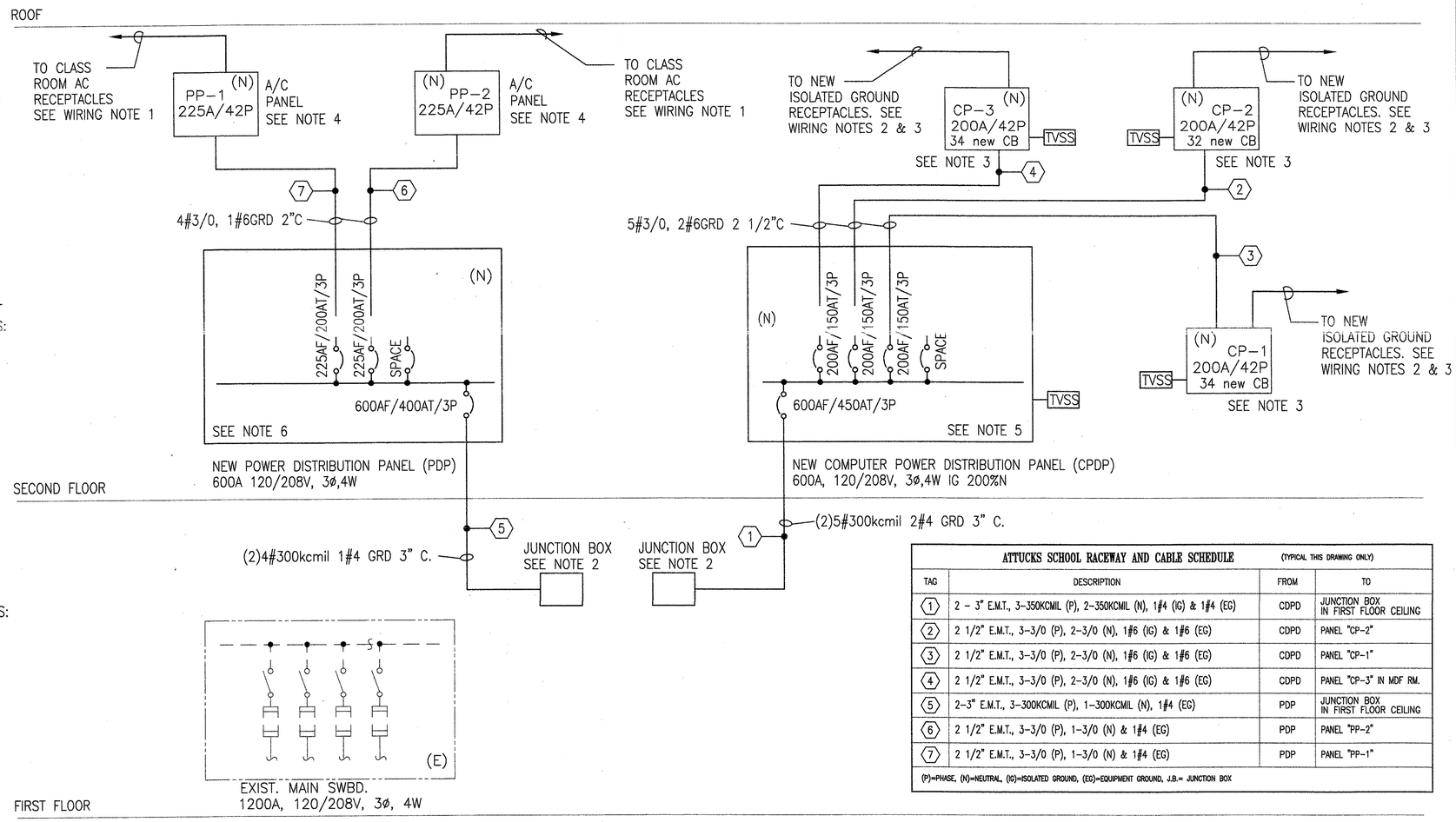
3. RECEPTACLE IN CONCENTRATORS (CCE,ACE,LCE) (ISOLATED) BRANCH CIRCUIT WIRING AS FOLLOWS:

A) 75 FEET OR LESS

PHASE CONDUCTOR #12
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #12
GROUND CONDUCTOR #6

B) GREATER THAN 75 FEET

PHASE CONDUCTOR #10
NEUTRAL CONDUCTOR #10 ONE PER CIRCUIT.
ISOLATED GROUND CONDUCTOR #10
GROUND CONDUCTOR #6



1 SINGLE LINE DIAGRAM
NTS

ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
2	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–2"
3	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–1"
4	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2–3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
6	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–2"
7	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–1"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTES:

1. ITEMS SHOWN ON DASHED LINES ARE EXISTING AND ITEMS SHOWN ON SOLID LINE ARE NEW UNLESS NOTED OTHERWISE.
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3. NEW 200A, 120/208V 3ø 4W COMPUTER BRANCH PANEL SHALL HAVE,

   200% NEUTRAL BUS
   ISOLATED GROUND BUS
   EQUIPMENT GROUND BUS
   TVSS CONNECTION (30A/3P)
   MAIN CIRCUIT BREAKER
   NEW 20A/1P BRANCH CIRCUIT BREAKER

4. NEW 225A, 120/208V 3ø 4W AC POWER BRANCH PANEL SHALL HAVE,

   EQUIPMENT GROUND BUS
   MAIN CIRCUIT BREAKER
   (11) 20A/2P BRANCH CB FOR PP–1
   (10) 20A/2P BRANCH CB FOR PP–2

5. NEW 600A, 120/208V 3ø 4W COMPUTER DISTRIBUTION PANEL SHALL HAVE,

   200% NEUTRAL BUS
   ISOLATED GROUND BUS
   EQUIPMENT GROUND BUS
   TVSS CONNECTION (60A/3P)
   MIN. FAULT CURRENT 65,000.

6. NEW 600A, 120/208V 3ø 4W AC POWER DISTRIBUTION PANEL SHALL HAVE,

   EQUIPMENT GROUND BUS
   MIN. FAULT CURRENT 65,000.

7. PROVIDE NEW FUSIBLE DISCONNECT AS INDICATED TO WALL MOUNT NEXT TO EXIST SWBD. THE TEMPORARY FEEDERS SHALL DIRECT TAP ON EXIST. MAIN BUS. THIS CONNECTION TO BE REMOVED AFTER SERVICE UPGRADE, TO BE COMPLETED UNDER A SEPARATE SCOPE OF WORK

LEGEND

(E) EXISTING

(N) NEW

NOTE:
THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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CRISPUS ATTUCKS APPENDIX–B POWER 5 OF 8

DRAWING TITLE
SINGLE LINE DIAGRAM

SHEET NO.
2100–SK–E5

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

PANELBOARD SCHEDULE: CP-1 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
TRANSIENT	30A	1	—			2	20A/1P	TCE BOX – RM 204
			400					
VOLTAGE		3	—			4	20A/1P	STUDENT STATION – RM 204
				1440				
SURGE SUPPRESSION	3P	5			—	6	20A/1P	STUDENT/TEACHER/MMTV – RM 204
					1690			
STUDENT STATION – RM 202	20A/1P	7	1440			8	20A/1P	PRINTER STATION – RM 204
			760					
TEACHER/MMTV – RM 202	20A/1P	9		730		10	20A/1P	STUDENT STATION – RM 206
				1440				
STUDENT STATION – RM 202	20A/1P	11			1440	12	20A/1P	TEACHER/MMTV – RM 206
					730			
STUDENT STATION – RM 207	20A/1P	13	1440			14	20A/1P	STUDENT STATION – RM 206
			1440					
PRINTER STATION – RM 207	20A/1P	15		760		16	20A/1P	STUDENT/MMTV – RM 208
				1690				
PRINTER STATION – RM 209	20A/1P	17			760	18	20A/1P	PRINTER STATION – RM 208
					760			
STUDENT STATION – RM 209	20A/1P	19	1440			20	20A/1P	TEACHER STATION – RM 208
			1440					
STUDENT/TEACHER/MMTV – RM 209	20A/1P	21		1690		22	20A/1P	KRONOS – RM 108
				500				
TCE BOX – RM 209	20A/1P	23			400	24	20A/1P	STUDENT STATION – RM 208
					1440			
PRINTER STATION – RM 202	20A/1P	25	760			26	20A/1P	PRINTER STATION – RM 206
			760					
SPARE	20A/1P	27		—		28	20A/1P	PRINTER STATION – RM 108
				760				
STUDENT STATION – RM 207	20A/1P	29			1440	30	20A/1P	ADMIN/MMTV – RM 108
					730			
SPARE	20A/1P	31	—			32	20A/1P	ACE BOX/(2) ADMIN STA.–RM 108
			1280					
SPARE	20A/1P	33		—		34	20A/1P	STUDENT/TEACHER – RM 102
				1440				
TEACHER/MMTV – RM 207	20A/1P	35			730	36	20A/1P	TEACHER/MMTV – RM 102
					1690			
SPARE	20A/1P	37	—			38	20A/1P	PRINTER STATION – RM 102
			760					
SPARE	20A/1P	39		—		40	20A/1P	FUTURE CCE BOX – RM 102
				400				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			11,920	10,850	11,810	TOTAL V.A. = 34,580 V.A. (95.9 AMPS)		

PANELBOARD SCHEDULE: CP-2 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
(4) STUDENT STATIONS – RM 222	20A/1P	1	1920			2	30A	TRANSIENT
			—					
PRINTER STATION – RM 222	20A/1P	3		760		4		VOLTAGE
				—				
STUDENT/TEACHER/MMTV – RM 222	20A/1P	5			1690	6	3P	SURGE SUPPRESSION
					—			
CCE BOX – RM 222	20A/1P	7	400			8	20A/1P	PRINTER STATION – RM 211
			760					
PRINTER STATION – RM 227	20A/1P	9		760		10	20A/1P	TEACHER/MMTV – RM 211
				730				
SCE BOX – RM 227	20A/1P	11			400	12	20A/1P	(3) STUDENT STATIONS – RM 211
					1440			
(4) STUDENT STATIONS – RM 227	20A/1P	13	1920			14	20A/1P	(3) STUDENT STATIONS – RM 211
			1440					
STUDENT/TEACHER/MMTV – RM 227	20A/1P	15		1690		16	20A/1P	SPARE
				—				
PRINTER STATION – RM 224	20A/1P	17			760	18	20A/1P	TEACHER STATION – RM 228
					480			
TEACHER/MMTV – RM 224	20A/1P	19	730			20	20A/1P	(3) STUDENT STATIONS – RM 228
			1440					
(3) STUDENT STATIONS – RM 224	20A/1P	21		1440		22	20A/1P	PRINTER STATION – RM 228
				760				
(3) STUDENT STATIONS – RM 224	20A/1P	23			1440	24	20A/1P	(3) STUDENT STA./MMTV– RM 228
					1690			
PRINTER STATION – RM 229	20A/1P	25	760			26	20A/1P	SCE BOX – RM 210
			400					
TEACHER/MMTV – RM 229	20A/1P	27		730		28	20A/1P	PRINTER STATION – RM 210
				760				
(3) STUDENT STATIONS – RM 229	20A/1P	29			1440	30	20A/1P	(3) STUDENT/TEACHER STATIONS – RM 210
					1920			
(3) STUDENT STATIONS – RM 229	20A/1P	31	1440			32	20A/1P	(3) STUDENT STA./MMTV– RM 210
			1690					
PRINTER STATION – RM 226	20A/1P	33		760		34	20A/1P	SPARE
				—				
TCE BOX – RM 226	20A/1P	35			400	36	20A/1P	SPARE
					—			
(3) STUDENT STA./TEACHER– RM 226	20A/1P	37	1920			38	20A/1P	SPARE
			—					
(3) STUDENT STA./MMTV– RM 226	20A/1P	39		1690		40	20A/1P	SPARE
				—				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			14,820	10,080	10,700	TOTAL V.A. = 35,600 V.A. (98.8 AMPS)		

PANELBOARD SCHEDULE: CP-3 | LOCATION: MDF ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
TRANSIENT	30A	1	—			2	20A/1P	MDF RACK RECEPTACLES
			800					
VOLTAGE		3		—		4	20A/1P	MDF RACK RECEPTACLES
				800				
SURGE SUPPRESSION	3P	5			—	6	20A/1P	MDF RACK RECEPTACLES
					800			
MDF RACK RECEPTACLES	20A/1P	7	800			8	20A/1P	MDF RACK RECEPTACLES
			800					
MDF RACK RECEPTACLES	20A/1P	9		800		10	20A/1P	SINGLE SIMPLEX RECEPTACLE
				800				
(1) STUDENT STA./MMTV– RM 212	20A/1P	11			1690	12	20A/1P	(3) STUDENT STATIONS – RM 212
					1440			
(3) STUDENT STATIONS – RM 212	20A/1P	13	1440			14	20A/1P	(3) STUDENT STATIONS – RM 212
			1440					
(3) STUDENT STATIONS – RM 212	20A/1P	15		1440		16	20A/1P	(4) STUDENT STA./TEACHER– RM 212
				1690				
(3) STUDENT STATIONS – RM 212	20A/1P	17			1440	18	20A/1P	PRINTER STATION – RM 212
					760			
(3) STUDENT STATIONS – RM 212	20A/1P	19	1440			20	20A/1P	MDF RM QUAD RECEPTACLE
			800					
PRINTER STATION – RM 212	20A/1P	21		1440		22	20A/1P	MDF RM QUAD RECEPTACLE
				800				
LCE BOX – RM 220	20A/1P	23			400	24	20A/1P	(3) STUDENT STA./MMTV– RM 220
					1690			
(3) STUDENT STATIONS – RM 220	20A/1P	25	1440			26	20A/1P	(3) STUDENT STATIONS – RM 220
			1440					
(3) STUDENT STATIONS – RM 220	20A/1P	27		1440		28	20A/1P	(3) STUDENT STATIONS – RM 220
				1440				
(3) STUDENT STATIONS – RM 220	20A/1P	29			1440	30	20A/1P	(3) STUDENT/TEACHER – RM 220
					1440			
(4) STUDENT STATIONS – RM 220	20A/1P	31	1440			32	20A/1P	(3) STUDENT STATIONS – RM 220
			1440					
(4) STUDENT STATIONS – RM 220	20A/1P	33		1440		34	20A/1P	PRINTER STATION – RM 220
				1440				
SPARE	20A/1P	35			—	36	20A/1P	SPARE
					—			
SPARE	20A/1P	37	—			38	20A/1P	SPARE
			—					
SPARE	20A/1P	39		—		40	20A/1P	SPARE
				—				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			13,280	13,530	11,100	TOTAL V.A. = 37,910 V.A. (105.2 AMPS)		

PANELBOARD SCHEDULE: PP-1 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
MDF A/C UNIT – ROOM 212A	30A	1	1500			2	30A	SOUTH A/C UNIT – ROOM 204
			1500					
MDF A/C UNIT – ROOM 212A	2P	3		1500		4	2P	SOUTH A/C UNIT – ROOM 204
				1500				
NORTH A/C UNIT – ROOM 207	30A	5			1500	6	30A	NORTH A/C UNIT – ROOM 204
					1500			
NORTH A/C UNIT – ROOM 207	2P	7	1500			8	2P	NORTH A/C UNIT – ROOM 204
			1500					
SOUTH A/C UNIT – ROOM 207	30A	9		1500		10	30A	SOUTH A/C UNIT – ROOM 206
				1500				
SOUTH A/C UNIT – ROOM 207	2P	11			1500	12	2P	SOUTH A/C UNIT – ROOM 206
					1500			
NORTH A/C UNIT – ROOM 209	30A	13	1500			14	30A	NORTH A/C UNIT – ROOM 206
			1500					
NORTH A/C UNIT – ROOM 209	2P	15		1500		16	2P	NORTH A/C UNIT – ROOM 206
				1500				
SOUTH A/C UNIT – ROOM 209	30A	17			1500	18	30A	SOUTH A/C UNIT – ROOM 210
					1500			
SOUTH A/C UNIT – ROOM 209	2P	19	1500			20	2P	SOUTH A/C UNIT – ROOM 210
			1500					
SPARE	30A	21	—			22	30A	NORTH A/C UNIT – ROOM 210
				1500				
SPARE	2P	23			—	24	2P	NORTH A/C UNIT – ROOM 210
					1500			
SPARE	30A	25	—			26	30A	SPARE
			—					
SPARE	2P	27		—		28	2P	SPARE
				—				
SPARE	30A	29			—	30	30A	SPARE
					—			
SPARE	2P	31	—			32	2P	SPARE
			—					
SPARE	30A	33		—		34	30A	SPARE
				—				
SPARE	2P	35			—	36	2P	SPARE
					—			
SPARE	30A	37	—			38	30A	SPARE
			—					
SPARE	2P	39		—		40	2P	SPARE
				—				
BLANK		41			—	42		SPACE
					—			
TOTAL LOAD PER PHASE:			12,000	10500	10,500	TOTAL V.A. = 33,000 (91.7 AMPS)		

PANELBOARD SCHEDULE: PP-2 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
SOUTH A/C UNIT – ROOM 220	30A	1	1500			2	30A	EAST A/C UNIT – ROOM 222
			1500					
SOUTH A/C UNIT – ROOM 220	2P	3		1500		4	2P	EAST A/C UNIT – ROOM 222
				1500				
NORTH A/C UNIT – ROOM 220	30A	5			1500	6	30A	WEST A/C UNIT – ROOM 222
					1500			
NORTH A/C UNIT – ROOM 220	2P	7	1500			8	2P	WEST A/C UNIT – ROOM 222
			1500					
WEST A/C UNIT – ROOM 227	30A	9		1500		10	30A	EAST A/C UNIT – ROOM 226
				1500				
WEST A/C UNIT – ROOM 227	2P	11			1500	12	2P	EAST A/C UNIT – ROOM 226
					1500			
EAST A/C UNIT – ROOM 227	30A	13	1500			14	30A	WEST A/C UNIT – ROOM 226
			1500					
EAST A/C UNIT – ROOM 227	2P	15		1500		16	2P	WEST A/C UNIT – ROOM 226
				1500				
SPARE	30A	17			—	18	30A	EAST A/C UNIT – ROOM 228
					1500			
SPARE	2P	19	—			20	2P	EAST A/C UNIT – ROOM 228
			1500					
SPARE	30A	21		—		22	30A	WEST A/C UNIT – ROOM 228
				1500				
SPARE	2P	23			—	24	2P	WEST A/C UNIT – ROOM 228
					1500			
SPARE	30A	25	—			26	30A	SPARE
			—					
SPARE	2P	27		—		28	2P	SPARE
				—				
SPARE	30A	29			—	30	30A	SPARE
					—			
SPARE	2P	31	—			32	2P	SPARE
			—					
SPARE	30A	33		—		34	30A	SPARE
				—				
SPARE	2P	35			—	36	2P	SPARE
					—			
SPARE	30A	37	—			38	30A	SPARE
			—					
SPARE	2P	39		—		40	2P	SPARE
				—				
SPACE		41			—	42		SPACE
					—			
TOTAL LOAD PER PHASE:			10,500	10,500	9000	TOTAL V.A. = 30,000 (83.2 AMPS)		

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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NO.	REVISION	DATE
3	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	01–07–02
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	9–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 6 OF 8

DRAWING TITLE

ELECTRICAL PANELBOARD SCHEDULES

SHEET NO.

2100–SK–E6

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

PANELBOARD SCHEDULE: CP-1 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
TRANSIENT	30A	1	—			2	20A/1P	TCE BOX – RM 204
			400					
VOLTAGE		3	—			4	20A/1P	STUDENT STATION – RM 204
				1440				
SURGE SUPPRESSION	3P	5			—	6	20A/1P	STUDENT/TEACHER/MMTV – RM 204
					1690			
STUDENT STATION – RM 202	20A/1P	7	1440			8	20A/1P	PRINTER STATION – RM 204
			760					
TEACHER/MMTV – RM 202	20A/1P	9		730		10	20A/1P	STUDENT STATION – RM 206
				1440				
STUDENT STATION – RM 202	20A/1P	11			1440	12	20A/1P	TEACHER/MMTV – RM 206
					730			
STUDENT STATION – RM 207	20A/1P	13	1440			14	20A/1P	STUDENT STATION – RM 206
			1440					
PRINTER STATION – RM 207	20A/1P	15		760		16	20A/1P	STUDENT/MMTV – RM 208
				1690				
PRINTER STATION – RM 209	20A/1P	17			760	18	20A/1P	PRINTER STATION – RM 208
					760			
STUDENT STATION – RM 209	20A/1P	19	1440			20	20A/1P	TEACHER STATION – RM 208
			1440					
STUDENT/TEACHER/MMTV – RM 209	20A/1P	21		1690		22	20A/1P	KRONOS – RM 108
				500				
TCE BOX – RM 209	20A/1P	23			400	24	20A/1P	STUDENT STATION – RM 208
					1440			
PRINTER STATION – RM 202	20A/1P	25	760			26	20A/1P	PRINTER STATION – RM 206
			760					
SPARE	20A/1P	27		—		28	20A/1P	PRINTER STATION – RM 108
				760				
STUDENT STATION – RM 207	20A/1P	29			1440	30	20A/1P	ADMIN/MMTV – RM 108
					730			
SPARE	20A/1P	31	—			32	20A/1P	ACE BOX/(2) ADMIN STA.–RM 108
			1280					
SPARE	20A/1P	33		—		34	20A/1P	STUDENT/TEACHER – RM 102
				1440				
TEACHER/MMTV – RM 207	20A/1P	35			730	36	20A/1P	TEACHER/MMTV – RM 102
					1690			
SPARE	20A/1P	37	—			38	20A/1P	PRINTER STATION – RM 102
			760					
SPARE	20A/1P	39		—		40	20A/1P	FUTURE CCE BOX – RM 102
				400				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			11,920	10,850	11,810	TOTAL V.A. = 34,580 V.A. (95.9 AMPS)		

PANELBOARD SCHEDULE: CP-2 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
(4) STUDENT STATIONS – RM 222	20A/1P	1	1920			2	30A	TRANSIENT
			—					
PRINTER STATION – RM 222	20A/1P	3		760		4		VOLTAGE
				—				
STUDENT/TEACHER/MMTV – RM 222	20A/1P	5			1690	6	3P	SURGE SUPPRESSION
					—			
CCE BOX – RM 222	20A/1P	7	400			8	20A/1P	PRINTER STATION – RM 211
			760					
PRINTER STATION – RM 227	20A/1P	9		760		10	20A/1P	TEACHER/MMTV – RM 211
				730				
SCE BOX – RM 227	20A/1P	11			400	12	20A/1P	(3) STUDENT STATIONS – RM 211
					1440			
(4) STUDENT STATIONS – RM 227	20A/1P	13	1920			14	20A/1P	(3) STUDENT STATIONS – RM 211
			1440					
STUDENT/TEACHER/MMTV – RM 227	20A/1P	15		1690		16	20A/1P	SPARE
				—				
PRINTER STATION – RM 224	20A/1P	17			760	18	20A/1P	TEACHER STATION – RM 228
					480			
TEACHER/MMTV – RM 224	20A/1P	19	730			20	20A/1P	(3) STUDENT STATIONS – RM 228
			1440					
(3) STUDENT STATIONS – RM 224	20A/1P	21		1440		22	20A/1P	PRINTER STATION – RM 228
				760				
(3) STUDENT STATIONS – RM 224	20A/1P	23			1440	24	20A/1P	(3) STUDENT STA./MMTV– RM 228
					1690			
PRINTER STATION – RM 229	20A/1P	25	760			26	20A/1P	SCE BOX – RM 210
			400					
TEACHER/MMTV – RM 229	20A/1P	27		730		28	20A/1P	PRINTER STATION – RM 210
				760				
(3) STUDENT STATIONS – RM 229	20A/1P	29			1440	30	20A/1P	(3) STUDENT/TEACHER STATIONS – RM 210
					1920			
(3) STUDENT STATIONS – RM 229	20A/1P	31	1440			32	20A/1P	(3) STUDENT STA./MMTV– RM 210
			1690					
PRINTER STATION – RM 226	20A/1P	33		760		34	20A/1P	SPARE
				—				
TCE BOX – RM 226	20A/1P	35			400	36	20A/1P	SPARE
					—			
(3) STUDENT STA./TEACHER– RM 226	20A/1P	37	1920			38	20A/1P	SPARE
			—					
(3) STUDENT STA./MMTV– RM 226	20A/1P	39		1690		40	20A/1P	SPARE
				—				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			14,820	10,080	10,700	TOTAL V.A. = 35,600 V.A. (98.8 AMPS)		

PANELBOARD SCHEDULE: CP-3 | LOCATION: MDF ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
TRANSIENT	30A	1	—			2	20A/1P	MDF RACK RECEPTACLES
			800					
VOLTAGE		3		—		4	20A/1P	MDF RACK RECEPTACLES
				800				
SURGE SUPPRESSION	3P	5			—	6	20A/1P	MDF RACK RECEPTACLES
					800			
MDF RACK RECEPTACLES	20A/1P	7	800			8	20A/1P	MDF RACK RECEPTACLES
			800					
MDF RACK RECEPTACLES	20A/1P	9		800		10	20A/1P	SINGLE SIMPLEX RECEPTACLE
				800				
(1) STUDENT STA./MMTV– RM 212	20A/1P	11			1690	12	20A/1P	(3) STUDENT STATIONS – RM 212
					1440			
(3) STUDENT STATIONS – RM 212	20A/1P	13	1440			14	20A/1P	(3) STUDENT STATIONS – RM 212
			1440					
(3) STUDENT STATIONS – RM 212	20A/1P	15		1440		16	20A/1P	(4) STUDENT STA./TEACHER– RM 212
				1690				
(3) STUDENT STATIONS – RM 212	20A/1P	17			1440	18	20A/1P	PRINTER STATION – RM 212
					760			
(3) STUDENT STATIONS – RM 212	20A/1P	19	1440			20	20A/1P	MDF RM QUAD RECEPTACLE
			800					
PRINTER STATION – RM 212	20A/1P	21		1440		22	20A/1P	MDF RM QUAD RECEPTACLE
				800				
LCE BOX – RM 220	20A/1P	23			400	24	20A/1P	(3) STUDENT STA./MMTV– RM 220
					1690			
(3) STUDENT STATIONS – RM 220	20A/1P	25	1440			26	20A/1P	(3) STUDENT STATIONS – RM 220
			1440					
(3) STUDENT STATIONS – RM 220	20A/1P	27		1440		28	20A/1P	(3) STUDENT STATIONS – RM 220
				1440				
(3) STUDENT STATIONS – RM 220	20A/1P	29			1440	30	20A/1P	(3) STUDENT/TEACHER – RM 220
					1440			
(4) STUDENT STATIONS – RM 220	20A/1P	31	1440			32	20A/1P	(3) STUDENT STATIONS – RM 220
			1440					
(4) STUDENT STATIONS – RM 220	20A/1P	33		1440		34	20A/1P	PRINTER STATION – RM 220
				1440				
SPARE	20A/1P	35			—	36	20A/1P	SPARE
					—			
SPARE	20A/1P	37	—			38	20A/1P	SPARE
			—					
SPARE	20A/1P	39		—		40	20A/1P	SPARE
				—				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			13,280	13,530	11,100	TOTAL V.A. = 37,910 V.A. (105.2 AMPS)		

PANELBOARD SCHEDULE: PP-1 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
MDF A/C UNIT – ROOM 212A	30A	1	1500			2	30A	SOUTH A/C UNIT – ROOM 204
			1500					
MDF A/C UNIT – ROOM 212A	2P	3		1500		4	2P	SOUTH A/C UNIT – ROOM 204
				1500				
NORTH A/C UNIT – ROOM 207	30A	5			1500	6	30A	NORTH A/C UNIT – ROOM 204
					1500			
NORTH A/C UNIT – ROOM 207	2P	7	1500			8	2P	NORTH A/C UNIT – ROOM 204
			1500					
SOUTH A/C UNIT – ROOM 207	30A	9		1500		10	30A	SOUTH A/C UNIT – ROOM 206
				1500				
SOUTH A/C UNIT – ROOM 207	2P	11			1500	12	2P	SOUTH A/C UNIT – ROOM 206
					1500			
NORTH A/C UNIT – ROOM 209	30A	13	1500			14	30A	NORTH A/C UNIT – ROOM 206
			1500					
NORTH A/C UNIT – ROOM 209	2P	15		1500		16	2P	NORTH A/C UNIT – ROOM 206
				1500				
SOUTH A/C UNIT – ROOM 209	30A	17			1500	18	30A	SOUTH A/C UNIT – ROOM 210
					1500			
SOUTH A/C UNIT – ROOM 209	2P	19	1500			20	2P	SOUTH A/C UNIT – ROOM 210
			1500					
SPARE	30A	21	—			22	30A	NORTH A/C UNIT – ROOM 210
				1500				
SPARE	2P	23			—	24	2P	NORTH A/C UNIT – ROOM 210
					1500			
SPARE	30A	25	—			26	30A	SPARE
			—					
SPARE	2P	27		—		28	2P	SPARE
				—				
SPARE	30A	29			—	30	30A	SPARE
					—			
SPARE	2P	31	—			32	2P	SPARE
			—					
SPARE	30A	33		—		34	30A	SPARE
				—				
SPARE	2P	35			—	36	2P	SPARE
					—			
SPARE	30A	37	—			38	30A	SPARE
			—					
SPARE	2P	39		—		40	2P	SPARE
				—				
BLANK		41			—	42		SPACE
					—			
TOTAL LOAD PER PHASE:			12,000	10500	10,500	TOTAL V.A. = 33,000 (91.7 AMPS)		

PANELBOARD SCHEDULE: PP-2 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
SOUTH A/C UNIT – ROOM 220	30A	1	1500			2	30A	EAST A/C UNIT – ROOM 222
			1500					
SOUTH A/C UNIT – ROOM 220	2P	3		1500		4	2P	EAST A/C UNIT – ROOM 222
				1500				
NORTH A/C UNIT – ROOM 220	30A	5			1500	6	30A	WEST A/C UNIT – ROOM 222
					1500			
NORTH A/C UNIT – ROOM 220	2P	7	1500			8	2P	WEST A/C UNIT – ROOM 222
			1500					
WEST A/C UNIT – ROOM 227	30A	9		1500		10	30A	EAST A/C UNIT – ROOM 226
				1500				
WEST A/C UNIT – ROOM 227	2P	11			1500	12	2P	EAST A/C UNIT – ROOM 226
					1500			
EAST A/C UNIT – ROOM 227	30A	13	1500			14	30A	WEST A/C UNIT – ROOM 226
			1500					
EAST A/C UNIT – ROOM 227	2P	15		1500		16	2P	WEST A/C UNIT – ROOM 226
				1500				
SPARE	30A	17			—	18	30A	EAST A/C UNIT – ROOM 228
					1500			
SPARE	2P	19	—			20	2P	EAST A/C UNIT – ROOM 228
			1500					
SPARE	30A	21		—		22	30A	WEST A/C UNIT – ROOM 228
				1500				
SPARE	2P	23			—	24	2P	WEST A/C UNIT – ROOM 228
					1500			
SPARE	30A	25	—			26	30A	SPARE
			—					
SPARE	2P	27		—		28	2P	SPARE
				—				
SPARE	30A	29			—	30	30A	SPARE
					—			
SPARE	2P	31	—			32	2P	SPARE
			—					
SPARE	30A	33		—		34	30A	SPARE
				—				
SPARE	2P	35			—	36	2P	SPARE
					—			
SPARE	30A	37	—			38	30A	SPARE
			—					
SPARE	2P	39		—		40	2P	SPARE
				—				
SPACE		41			—	42		SPACE
					—			
TOTAL LOAD PER PHASE:			10,500	10,500	9000	TOTAL V.A. = 30,000 (83.2 AMPS)		

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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NO.	REVISION	DATE
3	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	01–07–02
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	9–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 6 OF 8

DRAWING TITLE

ELECTRICAL PANELBOARD SCHEDULES

SHEET NO.

2100–SK–E6

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

PANELBOARD SCHEDULE: CP-1 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
TRANSIENT	30A	1	—			2	20A/1P	TCE BOX – RM 204
			400					
VOLTAGE		3	—			4	20A/1P	STUDENT STATION – RM 204
				1440				
SURGE SUPPRESSION	3P	5			—	6	20A/1P	STUDENT/TEACHER/MMTV – RM 204
					1690			
STUDENT STATION – RM 202	20A/1P	7	1440			8	20A/1P	PRINTER STATION – RM 204
			760					
TEACHER/MMTV – RM 202	20A/1P	9		730		10	20A/1P	STUDENT STATION – RM 206
				1440				
STUDENT STATION – RM 202	20A/1P	11			1440	12	20A/1P	TEACHER/MMTV – RM 206
					730			
STUDENT STATION – RM 207	20A/1P	13	1440			14	20A/1P	STUDENT STATION – RM 206
			1440					
PRINTER STATION – RM 207	20A/1P	15		760		16	20A/1P	STUDENT/MMTV – RM 208
				1690				
PRINTER STATION – RM 209	20A/1P	17			760	18	20A/1P	PRINTER STATION – RM 208
					760			
STUDENT STATION – RM 209	20A/1P	19	1440			20	20A/1P	TEACHER STATION – RM 208
			1440					
STUDENT/TEACHER/MMTV – RM 209	20A/1P	21		1690		22	20A/1P	KRONOS – RM 108
				500				
TCE BOX – RM 209	20A/1P	23			400	24	20A/1P	STUDENT STATION – RM 208
					1440			
PRINTER STATION – RM 202	20A/1P	25	760			26	20A/1P	PRINTER STATION – RM 206
			760					
SPARE	20A/1P	27		—		28	20A/1P	PRINTER STATION – RM 108
				760				
STUDENT STATION – RM 207	20A/1P	29			1440	30	20A/1P	ADMIN/MMTV – RM 108
					730			
SPARE	20A/1P	31	—			32	20A/1P	ACE BOX/(2) ADMIN STA.–RM 108
			1280					
SPARE	20A/1P	33		—		34	20A/1P	STUDENT/TEACHER – RM 102
				1440				
TEACHER/MMTV – RM 207	20A/1P	35			730	36	20A/1P	TEACHER/MMTV – RM 102
					1690			
SPARE	20A/1P	37	—			38	20A/1P	PRINTER STATION – RM 102
			760					
SPARE	20A/1P	39		—		40	20A/1P	FUTURE CCE BOX – RM 102
				400				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			11,920	10,850	11,810	TOTAL V.A. = 34,580 V.A. (95.9 AMPS)		

PANELBOARD SCHEDULE: CP-2 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
(4) STUDENT STATIONS – RM 222	20A/1P	1	1920			2	30A	TRANSIENT
			—					
PRINTER STATION – RM 222	20A/1P	3		760		4		VOLTAGE
				—				
STUDENT/TEACHER/MMTV – RM 222	20A/1P	5			1690	6	3P	SURGE SUPPRESSION
					—			
CCE BOX – RM 222	20A/1P	7	400			8	20A/1P	PRINTER STATION – RM 211
			760					
PRINTER STATION – RM 227	20A/1P	9		760		10	20A/1P	TEACHER/MMTV – RM 211
				730				
SCE BOX – RM 227	20A/1P	11			400	12	20A/1P	(3) STUDENT STATIONS – RM 211
					1440			
(4) STUDENT STATIONS – RM 227	20A/1P	13	1920			14	20A/1P	(3) STUDENT STATIONS – RM 211
			1440					
STUDENT/TEACHER/MMTV – RM 227	20A/1P	15		1690		16	20A/1P	SPARE
				—				
PRINTER STATION – RM 224	20A/1P	17			760	18	20A/1P	TEACHER STATION – RM 228
					480			
TEACHER/MMTV – RM 224	20A/1P	19	730			20	20A/1P	(3) STUDENT STATIONS – RM 228
			1440					
(3) STUDENT STATIONS – RM 224	20A/1P	21		1440		22	20A/1P	PRINTER STATION – RM 228
				760				
(3) STUDENT STATIONS – RM 224	20A/1P	23			1440	24	20A/1P	(3) STUDENT STA./MMTV– RM 228
					1690			
PRINTER STATION – RM 229	20A/1P	25	760			26	20A/1P	SCE BOX – RM 210
			400					
TEACHER/MMTV – RM 229	20A/1P	27		730		28	20A/1P	PRINTER STATION – RM 210
				760				
(3) STUDENT STATIONS – RM 229	20A/1P	29			1440	30	20A/1P	(3) STUDENT/TEACHER STATIONS – RM 210
					1920			
(3) STUDENT STATIONS – RM 229	20A/1P	31	1440			32	20A/1P	(3) STUDENT STA./MMTV– RM 210
			1690					
PRINTER STATION – RM 226	20A/1P	33		760		34	20A/1P	SPARE
				—				
TCE BOX – RM 226	20A/1P	35			400	36	20A/1P	SPARE
					—			
(3) STUDENT STA./TEACHER– RM 226	20A/1P	37	1920			38	20A/1P	SPARE
			—					
(3) STUDENT STA./MMTV– RM 226	20A/1P	39		1690		40	20A/1P	SPARE
				—				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			14,820	10,080	10,700	TOTAL V.A. = 35,600 V.A. (98.8 AMPS)		

PANELBOARD SCHEDULE: CP-3 | LOCATION: MDF ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
TRANSIENT	30A	1	—			2	20A/1P	MDF RACK RECEPTACLES
			800					
VOLTAGE		3		—		4	20A/1P	MDF RACK RECEPTACLES
				800				
SURGE SUPPRESSION	3P	5			—	6	20A/1P	MDF RACK RECEPTACLES
					800			
MDF RACK RECEPTACLES	20A/1P	7	800			8	20A/1P	MDF RACK RECEPTACLES
			800					
MDF RACK RECEPTACLES	20A/1P	9		800		10	20A/1P	SINGLE SIMPLEX RECEPTACLE
				800				
(1) STUDENT STA./MMTV– RM 212	20A/1P	11			1690	12	20A/1P	(3) STUDENT STATIONS – RM 212
					1440			
(3) STUDENT STATIONS – RM 212	20A/1P	13	1440			14	20A/1P	(3) STUDENT STATIONS – RM 212
			1440					
(3) STUDENT STATIONS – RM 212	20A/1P	15		1440		16	20A/1P	(4) STUDENT STA./TEACHER– RM 212
				1690				
(3) STUDENT STATIONS – RM 212	20A/1P	17			1440	18	20A/1P	PRINTER STATION – RM 212
					760			
(3) STUDENT STATIONS – RM 212	20A/1P	19	1440			20	20A/1P	MDF RM QUAD RECEPTACLE
			800					
PRINTER STATION – RM 212	20A/1P	21		1440		22	20A/1P	MDF RM QUAD RECEPTACLE
				800				
LCE BOX – RM 220	20A/1P	23			400	24	20A/1P	(3) STUDENT STA./MMTV– RM 220
					1690			
(3) STUDENT STATIONS – RM 220	20A/1P	25	1440			26	20A/1P	(3) STUDENT STATIONS – RM 220
			1440					
(3) STUDENT STATIONS – RM 220	20A/1P	27		1440		28	20A/1P	(3) STUDENT STATIONS – RM 220
				1440				
(3) STUDENT STATIONS – RM 220	20A/1P	29			1440	30	20A/1P	(3) STUDENT/TEACHER – RM 220
					1440			
(4) STUDENT STATIONS – RM 220	20A/1P	31	1440			32	20A/1P	(3) STUDENT STATIONS – RM 220
			1440					
(4) STUDENT STATIONS – RM 220	20A/1P	33		1440		34	20A/1P	PRINTER STATION – RM 220
				1440				
SPARE	20A/1P	35			—	36	20A/1P	SPARE
					—			
SPARE	20A/1P	37	—			38	20A/1P	SPARE
			—					
SPARE	20A/1P	39		—		40	20A/1P	SPARE
				—				
SPARE	20A/1P	41			—	42	20A/1P	SPARE
					—			
TOTAL LOAD PER PHASE:			13,280	13,530	11,100	TOTAL V.A. = 37,910 V.A. (105.2 AMPS)		

PANELBOARD SCHEDULE: PP-1 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
MDF A/C UNIT – ROOM 212A	30A	1	1500			2	30A	SOUTH A/C UNIT – ROOM 204
			1500					
MDF A/C UNIT – ROOM 212A	2P	3		1500		4	2P	SOUTH A/C UNIT – ROOM 204
				1500				
NORTH A/C UNIT – ROOM 207	30A	5			1500	6	30A	NORTH A/C UNIT – ROOM 204
					1500			
NORTH A/C UNIT – ROOM 207	2P	7	1500			8	2P	NORTH A/C UNIT – ROOM 204
			1500					
SOUTH A/C UNIT – ROOM 207	30A	9		1500		10	30A	SOUTH A/C UNIT – ROOM 206
				1500				
SOUTH A/C UNIT – ROOM 207	2P	11			1500	12	2P	SOUTH A/C UNIT – ROOM 206
					1500			
NORTH A/C UNIT – ROOM 209	30A	13	1500			14	30A	NORTH A/C UNIT – ROOM 206
			1500					
NORTH A/C UNIT – ROOM 209	2P	15		1500		16	2P	NORTH A/C UNIT – ROOM 206
				1500				
SOUTH A/C UNIT – ROOM 209	30A	17			1500	18	30A	SOUTH A/C UNIT – ROOM 210
					1500			
SOUTH A/C UNIT – ROOM 209	2P	19	1500			20	2P	SOUTH A/C UNIT – ROOM 210
			1500					
SPARE	30A	21	—			22	30A	NORTH A/C UNIT – ROOM 210
				1500				
SPARE	2P	23			—	24	2P	NORTH A/C UNIT – ROOM 210
					1500			
SPARE	30A	25	—			26	30A	SPARE
			—					
SPARE	2P	27		—		28	2P	SPARE
				—				
SPARE	30A	29			—	30	30A	SPARE
					—			
SPARE	2P	31	—			32	2P	SPARE
			—					
SPARE	30A	33		—		34	30A	SPARE
				—				
SPARE	2P	35			—	36	2P	SPARE
					—			
SPARE	30A	37	—			38	30A	SPARE
			—					
SPARE	2P	39		—		40	2P	SPARE
				—				
BLANK		41			—	42		SPACE
					—			
TOTAL LOAD PER PHASE:			12,000	10500	10,500	TOTAL V.A. = 33,000 (91.7 AMPS)		

PANELBOARD SCHEDULE: PP-2 | LOCATION: 2ND FLOOR ELECT. ROOM | C.B. RATING: 65K AIC
VOLT: 120/208V,3ø,4W | MAINS: 225A MCB | MOUNTING: SURFACE | TYPE: BOLT ON

USE AND/OR AREA SERVED	C/B	CCT NO.	TOTAL WATTS Aø	TOTAL WATTS Bø	TOTAL WATTS Cø	CCT NO.	C/B	USE AND/OR AREA SERVED
SOUTH A/C UNIT – ROOM 220	30A	1	1500			2	30A	EAST A/C UNIT – ROOM 222
			1500					
SOUTH A/C UNIT – ROOM 220	2P	3		1500		4	2P	EAST A/C UNIT – ROOM 222
				1500				
NORTH A/C UNIT – ROOM 220	30A	5			1500	6	30A	WEST A/C UNIT – ROOM 222
					1500			
NORTH A/C UNIT – ROOM 220	2P	7	1500			8	2P	WEST A/C UNIT – ROOM 222
			1500					
WEST A/C UNIT – ROOM 227	30A	9		1500		10	30A	EAST A/C UNIT – ROOM 226
				1500				
WEST A/C UNIT – ROOM 227	2P	11			1500	12	2P	EAST A/C UNIT – ROOM 226
					1500			
EAST A/C UNIT – ROOM 227	30A	13	1500			14	30A	WEST A/C UNIT – ROOM 226
			1500					
EAST A/C UNIT – ROOM 227	2P	15		1500		16	2P	WEST A/C UNIT – ROOM 226
				1500				
SPARE	30A	17			—	18	30A	EAST A/C UNIT – ROOM 228
					1500			
SPARE	2P	19	—			20	2P	EAST A/C UNIT – ROOM 228
			1500					
SPARE	30A	21		—		22	30A	WEST A/C UNIT – ROOM 228
				1500				
SPARE	2P	23			—	24	2P	WEST A/C UNIT – ROOM 228
					1500			
SPARE	30A	25	—			26	30A	SPARE
			—					
SPARE	2P	27		—		28	2P	SPARE
				—				
SPARE	30A	29			—	30	30A	SPARE
					—			
SPARE	2P	31	—			32	2P	SPARE
			—					
SPARE	30A	33		—		34	30A	SPARE
				—				
SPARE	2P	35			—	36	2P	SPARE
					—			
SPARE	30A	37	—			38	30A	SPARE
			—					
SPARE	2P	39		—		40	2P	SPARE
				—				
SPACE		41			—	42		SPACE
					—			
TOTAL LOAD PER PHASE:			10,500	10,500	9000	TOTAL V.A. = 30,000 (83.2 AMPS)		

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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NO.	REVISION	DATE
3	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	01–07–02
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	9–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 6 OF 8

DRAWING TITLE

ELECTRICAL PANELBOARD SCHEDULES

SHEET NO.

2100–SK–E6

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
2	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–2"
3	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–1"
4	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2–3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
6	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–2"
7	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–1"
8	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 18, 20, 22 & 24	CP–2	ROOM 228 VIA JUNCTION BOX "M"
9	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 33, 35, 37 & 39	CP–2	ROOM 226 VIA JUNCTION BOX "M"
10	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–2	ROOM 224 VIA JUNCTION BOX "M"
11	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 1, 3, 5 & 7	CP–2	ROOM 222
12	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 28, 30 & 32	CP–2	ROOM 210
13	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9, 11, 13 & 15	CP–2	ROOM 227 VIA JUNCTION BOX "M"
14	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8, 10 ,12 & 14	CP–2	ROOM 211
15	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 25, 27, 29 & 31	CP–2	ROOM 229 VIA JUNCTION BOX "M"
16	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9, 11 & 25	CP–1	ROOM 202 VIA JUNCTION BOX "E"
17	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16, 18, 20 & 24	CP–1	ROOM 211
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
20	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 13, 15, 29 & 35	CP–1	ROOM 207
21	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12, 14 & 26	CP–1	ROOM 108 VIA JUNCTION BOX "G"
22	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–1	ROOM 108 VIA JUNCTION BOX "J"
23	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4, 6 & 8	CP–1	ROOM 108 VIA JUNCTION BOX "F"
24	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 5/7, 9/11, 13/15 & 17/19	PP1	ROOM 207 & 209 A/C UNITS VIA J.B.'s "C" & "D"
25	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 2/4, 6/8, 10/12 & 14/16	PP1	ROOM 204 & 206 A/C UNITS VIA J.B.'s "C" & "D"
26	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP1	ROOM 210 A/C UNITS
27	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP1	MDF ROOM 212A A/C UNIT
28	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 1/3, 5/7, 2/4 & 6/8	PP2	ROOM 220 & 222 A/C UNITS VIA J.B. "A"
29	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 10/12, 14/16, 18/20 & 22/24	PP2	ROOM 226 & 228 A/C UNITS VIA J.B.'s "A" & "B"
30	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
31	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP2	ROOM 222 A/C UNITS VIA J.B. "A"
32	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP2	ROOM 222 EAST A/C UNIT
33	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP2	ROOM 222 WEST A/C UNIT
34	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 1/3 & 5/7	PP2	ROOM 220 A/C UNITS VIA J.B. "A"
35	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP2	ROOM 220 SOUTH A/C UNIT
36	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP2	ROOM 220 NORTH A/C UNIT
37	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP2	ROOM 226 A/C UNITS VIA J.B.'s "A" & "B"
38	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP2	ROOM 226 EAST A/C UNIT
39	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP2	ROOM 226 WEST A/C UNIT
40	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP2	ROOM 228 A/C UNITS VIA J.B.'s "A" & "B"
41	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP2	ROOM 228 EAST A/C UNIT
42	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP2	ROOM 228 WEST A/C UNIT
43	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
44	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP2	ROOM 227 WEST A/C UNIT
45	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP2	ROOM 227 EAST A/C UNIT
46	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP1	ROOM 210 SOUTH A/C UNIT
47	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP1	ROOM 210 NORTH A/C UNIT
48	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP1	ROOM 206 A/C UNITS VIA J.B.'s "C" & "D"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

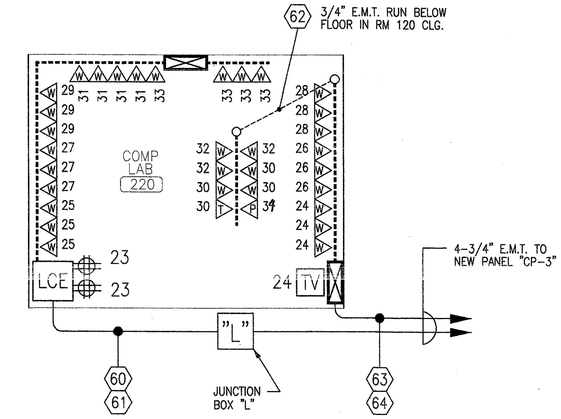
ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
49	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP1	ROOM 206 SOUTH A/C UNIT
50	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP1	ROOM 206 NORTH A/C UNIT
51	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP1	ROOM 204 A/C UNITS VIA J.B.'s "C" & "D"
52	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP1	ROOM 204 SOUTH A/C UNIT
53	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP1	ROOM 204 NORTH A/C UNIT
54	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 13/15 & 17/19	PP1	ROOM 209 A/C UNITS VIA J.B.'s "C" & "D"
55	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 17/19	PP1	ROOM 209 SOUTH A/C UNIT
56	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP1	ROOM 209 NORTH A/C UNIT
57	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 5/7 & 9/11	PP1	ROOM 207 A/C UNITS VIA J.B.'s "C" & "D"
58	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP1	ROOM 207 SOUTH A/C UNIT
59	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP1	ROOM 207 NORTH A/C UNIT
60	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 23, 25, 27 & 29	CP–3	ROOM 220 LCE / SOUTH WALL VIA JUNCTION BOX "L"
61	1 – 1" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 31 & 33	CP–3	ROOM 220 LCE / WEST WALL VIA JUNCTION BOX "L"
62	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
63	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
64	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 24, 26 & 28	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
65	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
67	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 30 & 32	CP–2	ROOM 210 SCE BOX AND V4000 WIREMOLD @ SOUTH WALL
68	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	CP–2	ROOM 210 TEACHER LOCATION AT NORTH WALL
69	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8 & 10	CP–2	RM 211 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "I"
70	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 211 STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "I"
71	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17 & 21	CP–2	RM 209 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "J"
72	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 19, 21 & 23	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "J"
73	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 206 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "G"
74	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 26	CP–2	RM 206 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "G"
75	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4 & 6	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "F"
76	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 6 & 8	CP–2	RM 204 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "F"
77	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9 & 11	CP–2	RM 202 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "E"
78	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9 & 25	CP–2	RM 202 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "E"
79	1 – 3/4" E.M.T. 1#10 (P), 1#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUIT 32	ACE BOX IN RM 108	RM 108 ADMIN. LOCATION IN SOUTHWEST CORNER
80	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	ACE BOX IN RM 108	RM 108 MMTV/PRINTER IN NORTHWEST CORNER
81	1 – 3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 2,4,6	CP–3	FIRST RACK RECEPTACLES MDF ROOM 212A
82	1 – 3/4"C, 4#10 (P), 4#10 (N) 1#10 (IG) & 1#10 (EG) CCT 7,8,9,10	CP–3	SECOND RACK RECEPTACLES MDF ROOM 212A
83	1 – 3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 20,22	CP–3	QUAD RECEPTACLES IN MDF ROOM 212A – NORTH WALL
84	1 – 3/4"C, 1#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 22	CP–3	EAST QUAD RECEPTACLE IN MDF ROOM 212A – NORTH WALL
85	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG), CCT 1/3/5	CP–1	PANEL CP–1 TRANSIENT VOLTAGE SURGE SUPPRESSOR
86	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG), CCT 2/4/6	CP–2	PANEL CP–2 TRANSIENT VOLTAGE SURGE SUPPRESSOR
87	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 11,13,15	CP–3	RM 212 SOUTH WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
88	1 – 3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 17,19,21	CP–3	RM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER

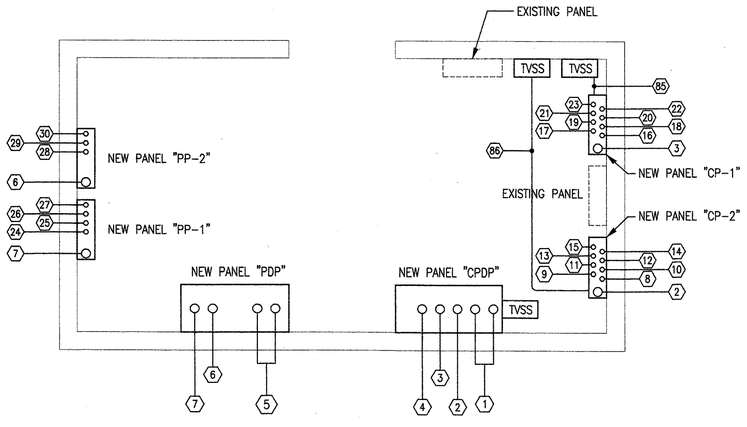
(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.



1 ROOM 220 ENLARGED PLAN — 1/4" = 1' – 0" — NORTH



2 ELECTRICAL ROOM ENLARGED PLAN — 1/2" = 1' – 0" — NORTH

SYMBOL LIST

- W – STUDENT STATION
- P – PRINTER STATION
- T – TEACHER STATION
- TV – MMTV OUTLET
- CCE – CLASSROOM CONCENTRATOR ENCLOSURE
- LCE – LABORATORY CONCENTRATOR ENCLOSURE
- ACE – ADMINISTRATIVE CONCENTRATOR ENCLOSURE
- TVSS – TRANSIENT VOLTAGE SURGE SUPPRESSOR
- – DUPLEX RECEPTACLE – NEMA 5–20R GROUNDING – 120V, 1P
- – DOUBLE DUPLEX RECEPTACLE
- – AIR CONDITIONING UNIT RECEPTACLE – 30A, 2P, 250V
- K – KRONOS TIMEKEEPING SYSTEM
- K$ – TWO POLE 20 AMP 277/120V KEYED TOGGLE SWITCH
- – CIRCUIT BREAKER PANELBOARD
- V4000 WIREMOLD – NEW
- V3000 WIREMOLD – NEW
- V4000 WIREMOLD – EXISTING
- CONDUIT RISER UP
- CONDUIT RISER UP
- EXPOSED CONDUIT
- CONCEALED CONDUIT

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NO.	REVISION	DATE
3	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	01–07–02
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 7 OF 8

DRAWING TITLE

SYMBOL LIST , HOMERUN LEGEND & ENLARGED PLANS

SHEET NO.

2100–SK–E7

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
2	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–2"
3	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–1"
4	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2–3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
6	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–2"
7	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–1"
8	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 18, 20, 22 & 24	CP–2	ROOM 228 VIA JUNCTION BOX "M"
9	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 33, 35, 37 & 39	CP–2	ROOM 226 VIA JUNCTION BOX "M"
10	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–2	ROOM 224 VIA JUNCTION BOX "M"
11	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 1, 3, 5 & 7	CP–2	ROOM 222
12	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 28, 30 & 32	CP–2	ROOM 210
13	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9, 11, 13 & 15	CP–2	ROOM 227 VIA JUNCTION BOX "M"
14	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8, 10 ,12 & 14	CP–2	ROOM 211
15	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 25, 27, 29 & 31	CP–2	ROOM 229 VIA JUNCTION BOX "M"
16	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9, 11 & 25	CP–1	ROOM 202 VIA JUNCTION BOX "E"
17	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16, 18, 20 & 24	CP–1	ROOM 211
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
20	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 13, 15, 29 & 35	CP–1	ROOM 207
21	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12, 14 & 26	CP–1	ROOM 108 VIA JUNCTION BOX "G"
22	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–1	ROOM 108 VIA JUNCTION BOX "J"
23	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4, 6 & 8	CP–1	ROOM 108 VIA JUNCTION BOX "F"
24	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 5/7, 9/11, 13/15 & 17/19	PP1	ROOM 207 & 209 A/C UNITS VIA J.B.'s "C" & "D"
25	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 2/4, 6/8, 10/12 & 14/16	PP1	ROOM 204 & 206 A/C UNITS VIA J.B.'s "C" & "D"
26	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP1	ROOM 210 A/C UNITS
27	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP1	MDF ROOM 212A A/C UNIT
28	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 1/3, 5/7, 2/4 & 6/8	PP2	ROOM 220 & 222 A/C UNITS VIA J.B. "A"
29	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 10/12, 14/16, 18/20 & 22/24	PP2	ROOM 226 & 228 A/C UNITS VIA J.B.'s "A" & "B"
30	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
31	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP2	ROOM 222 A/C UNITS VIA J.B. "A"
32	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP2	ROOM 222 EAST A/C UNIT
33	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP2	ROOM 222 WEST A/C UNIT
34	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 1/3 & 5/7	PP2	ROOM 220 A/C UNITS VIA J.B. "A"
35	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP2	ROOM 220 SOUTH A/C UNIT
36	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP2	ROOM 220 NORTH A/C UNIT
37	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP2	ROOM 226 A/C UNITS VIA J.B.'s "A" & "B"
38	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP2	ROOM 226 EAST A/C UNIT
39	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP2	ROOM 226 WEST A/C UNIT
40	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP2	ROOM 228 A/C UNITS VIA J.B.'s "A" & "B"
41	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP2	ROOM 228 EAST A/C UNIT
42	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP2	ROOM 228 WEST A/C UNIT
43	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
44	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP2	ROOM 227 WEST A/C UNIT
45	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP2	ROOM 227 EAST A/C UNIT
46	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP1	ROOM 210 SOUTH A/C UNIT
47	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP1	ROOM 210 NORTH A/C UNIT
48	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP1	ROOM 206 A/C UNITS VIA J.B.'s "C" & "D"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

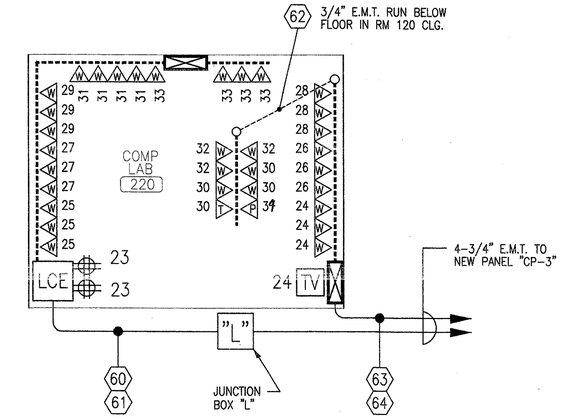
ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
49	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP1	ROOM 206 SOUTH A/C UNIT
50	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP1	ROOM 206 NORTH A/C UNIT
51	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP1	ROOM 204 A/C UNITS VIA J.B.'s "C" & "D"
52	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP1	ROOM 204 SOUTH A/C UNIT
53	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP1	ROOM 204 NORTH A/C UNIT
54	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 13/15 & 17/19	PP1	ROOM 209 A/C UNITS VIA J.B.'s "C" & "D"
55	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 17/19	PP1	ROOM 209 SOUTH A/C UNIT
56	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP1	ROOM 209 NORTH A/C UNIT
57	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 5/7 & 9/11	PP1	ROOM 207 A/C UNITS VIA J.B.'s "C" & "D"
58	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP1	ROOM 207 SOUTH A/C UNIT
59	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP1	ROOM 207 NORTH A/C UNIT
60	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 23, 25, 27 & 29	CP–3	ROOM 220 LCE / SOUTH WALL VIA JUNCTION BOX "L"
61	1 – 1" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 31 & 33	CP–3	ROOM 220 LCE / WEST WALL VIA JUNCTION BOX "L"
62	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
63	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
64	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 24, 26 & 28	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
65	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
67	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 30 & 32	CP–2	ROOM 210 SCE BOX AND V4000 WIREMOLD @ SOUTH WALL
68	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	CP–2	ROOM 210 TEACHER LOCATION AT NORTH WALL
69	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8 & 10	CP–2	RM 211 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "I"
70	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 211 STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "I"
71	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17 & 21	CP–2	RM 209 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "J"
72	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 19, 21 & 23	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "J"
73	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 206 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "G"
74	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 26	CP–2	RM 206 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "G"
75	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4 & 6	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "F"
76	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 6 & 8	CP–2	RM 204 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "F"
77	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9 & 11	CP–2	RM 202 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "E"
78	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9 & 25	CP–2	RM 202 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "E"
79	1 – 3/4" E.M.T. 1#10 (P), 1#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUIT 32	ACE BOX IN RM 108	RM 108 ADMIN. LOCATION IN SOUTHWEST CORNER
80	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	ACE BOX IN RM 108	RM 108 MMTV/PRINTER IN NORTHWEST CORNER
81	1 – 3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 2,4,6	CP–3	FIRST RACK RECEPTACLES MDF ROOM 212A
82	1 – 3/4"C, 4#10 (P), 4#10 (N) 1#10 (IG) & 1#10 (EG) CCT 7,8,9,10	CP–3	SECOND RACK RECEPTACLES MDF ROOM 212A
83	1 – 3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 20,22	CP–3	QUAD RECEPTACLES IN MDF ROOM 212A – NORTH WALL
84	1 – 3/4"C, 1#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 22	CP–3	EAST QUAD RECEPTACLE IN MDF ROOM 212A – NORTH WALL
85	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG), CCT 1/3/5	CP–1	PANEL CP–1 TRANSIENT VOLTAGE SURGE SUPPRESSOR
86	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG), CCT 2/4/6	CP–2	PANEL CP–2 TRANSIENT VOLTAGE SURGE SUPPRESSOR
87	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 11,13,15	CP–3	RM 212 SOUTH WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
88	1 – 3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 17,19,21	CP–3	RM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER

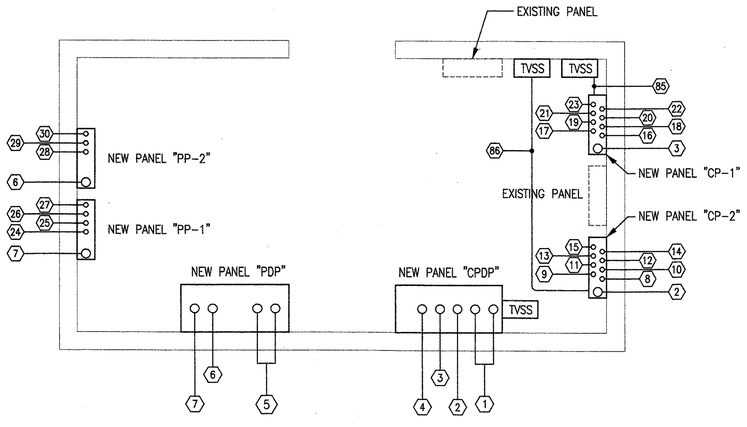
(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.



1 ROOM 220 ENLARGED PLAN — 1/4" = 1' – 0" — NORTH



2 ELECTRICAL ROOM ENLARGED PLAN — 1/2" = 1' – 0" — NORTH

SYMBOL LIST

- W – STUDENT STATION
- P – PRINTER STATION
- T – TEACHER STATION
- TV – MMTV OUTLET
- CCE – CLASSROOM CONCENTRATOR ENCLOSURE
- LCE – LABORATORY CONCENTRATOR ENCLOSURE
- ACE – ADMINISTRATIVE CONCENTRATOR ENCLOSURE
- TVSS – TRANSIENT VOLTAGE SURGE SUPPRESSOR
- – DUPLEX RECEPTACLE – NEMA 5–20R GROUNDING – 120V, 1P
- – DOUBLE DUPLEX RECEPTACLE
- – AIR CONDITIONING UNIT RECEPTACLE – 30A, 2P, 250V
- K – KRONOS TIMEKEEPING SYSTEM
- K$ – TWO POLE 20 AMP 277/120V KEYED TOGGLE SWITCH
- – CIRCUIT BREAKER PANELBOARD
- V4000 WIREMOLD – NEW
- V3000 WIREMOLD – NEW
- V4000 WIREMOLD – EXISTING
- CONDUIT RISER UP
- CONDUIT RISER UP
- EXPOSED CONDUIT
- CONCEALED CONDUIT

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NO.	REVISION	DATE
3	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	01–07–02
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 7 OF 8

DRAWING TITLE

SYMBOL LIST , HOMERUN LEGEND & ENLARGED PLANS

SHEET NO.

2100–SK–E7

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
1	2 – 3" E.M.T., 3–350KCMIL (P), 2–350KCMIL (N), 1#4 (IG) & 1#4 (EG)	CDPD	JUNCTION BOX IN FIRST FLOOR CEILING
2	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–2"
3	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–1"
4	2 1/2" E.M.T., 3–3/0 (P), 2–3/0 (N), 1#6 (IG) & 1#6 (EG)	CDPD	PANEL "CP–3" IN MDF RM.
5	2–3" E.M.T., 3–300KCMIL (P), 1–300KCMIL (N), 1#4 (EG)	PDP	JUNCTION BOX IN FIRST FLOOR CEILING
6	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–2"
7	2 1/2" E.M.T., 3–3/0 (P), 1–3/0 (N) & 1#4 (EG)	PDP	PANEL "PP–1"
8	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 18, 20, 22 & 24	CP–2	ROOM 228 VIA JUNCTION BOX "M"
9	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 33, 35, 37 & 39	CP–2	ROOM 226 VIA JUNCTION BOX "M"
10	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–2	ROOM 224 VIA JUNCTION BOX "M"
11	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 1, 3, 5 & 7	CP–2	ROOM 222
12	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 28, 30 & 32	CP–2	ROOM 210
13	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9, 11, 13 & 15	CP–2	ROOM 227 VIA JUNCTION BOX "M"
14	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8, 10 ,12 & 14	CP–2	ROOM 211
15	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 25, 27, 29 & 31	CP–2	ROOM 229 VIA JUNCTION BOX "M"
16	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9, 11 & 25	CP–1	ROOM 202 VIA JUNCTION BOX "E"
17	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16, 18, 20 & 24	CP–1	ROOM 211
18	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 34, 36, 38 & 40	CP–1	ROOM 102 VIA JUNCTION BOX "K"
19	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 22, 28, 30 & 32	CP–1	ROOM 108 VIA JUNCTION BOX "K"
20	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 13, 15, 29 & 35	CP–1	ROOM 207
21	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12, 14 & 26	CP–1	ROOM 108 VIA JUNCTION BOX "G"
22	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17, 19, 21 & 23	CP–1	ROOM 108 VIA JUNCTION BOX "J"
23	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4, 6 & 8	CP–1	ROOM 108 VIA JUNCTION BOX "F"
24	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 5/7, 9/11, 13/15 & 17/19	PP1	ROOM 207 & 209 A/C UNITS VIA J.B.'s "C" & "D"
25	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 2/4, 6/8, 10/12 & 14/16	PP1	ROOM 204 & 206 A/C UNITS VIA J.B.'s "C" & "D"
26	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP1	ROOM 210 A/C UNITS
27	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP1	MDF ROOM 212A A/C UNIT
28	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 1/3, 5/7, 2/4 & 6/8	PP2	ROOM 220 & 222 A/C UNITS VIA J.B. "A"
29	1 – 3/4" E.M.T. 8#10 (P), 1#10 (EG), CIRCUITS 10/12, 14/16, 18/20 & 22/24	PP2	ROOM 226 & 228 A/C UNITS VIA J.B.'s "A" & "B"
30	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
31	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP2	ROOM 222 A/C UNITS VIA J.B. "A"
32	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP2	ROOM 222 EAST A/C UNIT
33	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP2	ROOM 222 WEST A/C UNIT
34	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 1/3 & 5/7	PP2	ROOM 220 A/C UNITS VIA J.B. "A"
35	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 1/3	PP2	ROOM 220 SOUTH A/C UNIT
36	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP2	ROOM 220 NORTH A/C UNIT
37	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP2	ROOM 226 A/C UNITS VIA J.B.'s "A" & "B"
38	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP2	ROOM 226 EAST A/C UNIT
39	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP2	ROOM 226 WEST A/C UNIT
40	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 18/20 & 22/24	PP2	ROOM 228 A/C UNITS VIA J.B.'s "A" & "B"
41	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP2	ROOM 228 EAST A/C UNIT
42	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP2	ROOM 228 WEST A/C UNIT
43	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 9/11 & 13/15	PP2	ROOM 227 A/C UNITS VIA J.B.'s "A" & "B"
44	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP2	ROOM 227 WEST A/C UNIT
45	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP2	ROOM 227 EAST A/C UNIT
46	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 18/20	PP1	ROOM 210 SOUTH A/C UNIT
47	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 22/24	PP1	ROOM 210 NORTH A/C UNIT
48	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 10/12 & 14/16	PP1	ROOM 206 A/C UNITS VIA J.B.'s "C" & "D"

(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

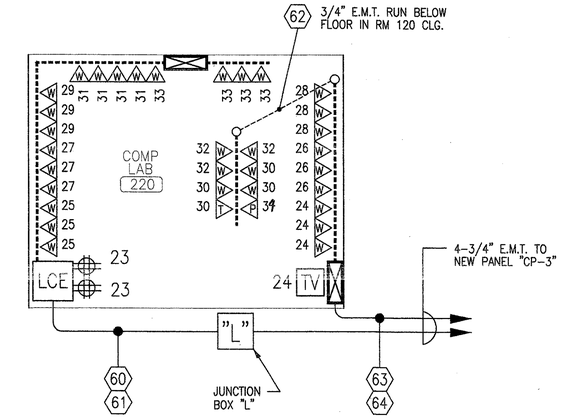
ATTUCKS SCHOOL RACEWAY AND CABLE SCHEDULE (TYPICAL THIS DRAWING ONLY)

TAG	DESCRIPTION	FROM	TO
49	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 10/12	PP1	ROOM 206 SOUTH A/C UNIT
50	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 14/16	PP1	ROOM 206 NORTH A/C UNIT
51	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 2/4 & 6/8	PP1	ROOM 204 A/C UNITS VIA J.B.'s "C" & "D"
52	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 2/4	PP1	ROOM 204 SOUTH A/C UNIT
53	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 6/8	PP1	ROOM 204 NORTH A/C UNIT
54	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 13/15 & 17/19	PP1	ROOM 209 A/C UNITS VIA J.B.'s "C" & "D"
55	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 17/19	PP1	ROOM 209 SOUTH A/C UNIT
56	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 13/15	PP1	ROOM 209 NORTH A/C UNIT
57	1 – 3/4" E.M.T. 4#10 (P), 1#10 (EG), CIRCUITS 5/7 & 9/11	PP1	ROOM 207 A/C UNITS VIA J.B.'s "C" & "D"
58	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 9/11	PP1	ROOM 207 SOUTH A/C UNIT
59	1 – 3/4" E.M.T. 2#10 (P), 1#10 (EG), CIRCUITS 5/7	PP1	ROOM 207 NORTH A/C UNIT
60	1 – 1" E.M.T. 4#10 (P), 4#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 23, 25, 27 & 29	CP–3	ROOM 220 LCE / SOUTH WALL VIA JUNCTION BOX "L"
61	1 – 1" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 31 & 33	CP–3	ROOM 220 LCE / WEST WALL VIA JUNCTION BOX "L"
62	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 FLOOR LOCATIONS VIA V4000 WIREMOLD @ NORTH WALL
63	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 30, 32 & 34	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
64	1 – 1" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 24, 26 & 28	CP–3	ROOM 220 V4000 WIREMOLD @ NORTH WALL
65	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 14	CP–3	ROOM 212 – V4000 WIREMOLD FLOOR LOCATIONS
66	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 16 & 18	CP–3	ROOM 212 NORTHWEST CORNER – TEACHERS DESK
67	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 26, 30 & 32	CP–2	ROOM 210 SCE BOX AND V4000 WIREMOLD @ SOUTH WALL
68	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	CP–2	ROOM 210 TEACHER LOCATION AT NORTH WALL
69	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 8 & 10	CP–2	RM 211 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "I"
70	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 211 STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "I"
71	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 17 & 21	CP–2	RM 209 TEACHER/PRINTER LOCATION AT SOUTH WALL VIA J.B. "J"
72	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 19, 21 & 23	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT NORTH WALL VIA J.B. "J"
73	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 10, 12 & 14	CP–2	RM 206 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "G"
74	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 12 & 26	CP–2	RM 206 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "G"
75	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 2, 4 & 6	CP–2	RM 209 TCE BOX, STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "F"
76	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 6 & 8	CP–2	RM 204 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "F"
77	1 – 3/4" E.M.T. 3#10 (P), 3#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 7, 9 & 11	CP–2	RM 202 STUDENT STATION, MMTV AT SOUTH WALL VIA J.B. "E"
78	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 9 & 25	CP–2	RM 202 TEACHER/PRINTER LOCATION AT NORTH WALL VIA J.B. "E"
79	1 – 3/4" E.M.T. 1#10 (P), 1#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUIT 32	ACE BOX IN RM 108	RM 108 ADMIN. LOCATION IN SOUTHWEST CORNER
80	1 – 3/4" E.M.T. 2#10 (P), 2#10 (N), 1#10 (IG) & 1#10 (EG) CIRCUITS 28 & 30	ACE BOX IN RM 108	RM 108 MMTV/PRINTER IN NORTHWEST CORNER
81	1 – 3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 2,4,6	CP–3	FIRST RACK RECEPTACLES MDF ROOM 212A
82	1 – 3/4"C, 4#10 (P), 4#10 (N) 1#10 (IG) & 1#10 (EG) CCT 7,8,9,10	CP–3	SECOND RACK RECEPTACLES MDF ROOM 212A
83	1 – 3/4"C, 2#10 (P), 2#10 (N) 1#10 (IG) & 1#10 (EG) CCT 20,22	CP–3	QUAD RECEPTACLES IN MDF ROOM 212A – NORTH WALL
84	1 – 3/4"C, 1#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 22	CP–3	EAST QUAD RECEPTACLE IN MDF ROOM 212A – NORTH WALL
85	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG), CCT 1/3/5	CP–1	PANEL CP–1 TRANSIENT VOLTAGE SURGE SUPPRESSOR
86	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG), CCT 2/4/6	CP–2	PANEL CP–2 TRANSIENT VOLTAGE SURGE SUPPRESSOR
87	1 – 3/4"C, 3#10 (P), 1#10 (N) 1#10 (IG) & 1#10 (EG) CCT 11,13,15	CP–3	RM 212 SOUTH WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER
88	1 – 3/4"C, 3#10 (P), 3#10 (N) 1#10 (IG) & 1#10 (EG) CCT 17,19,21	CP–3	RM 212 WEST WALL WIREMOLD 6 WORKSTATIONS & 1 PRINTER

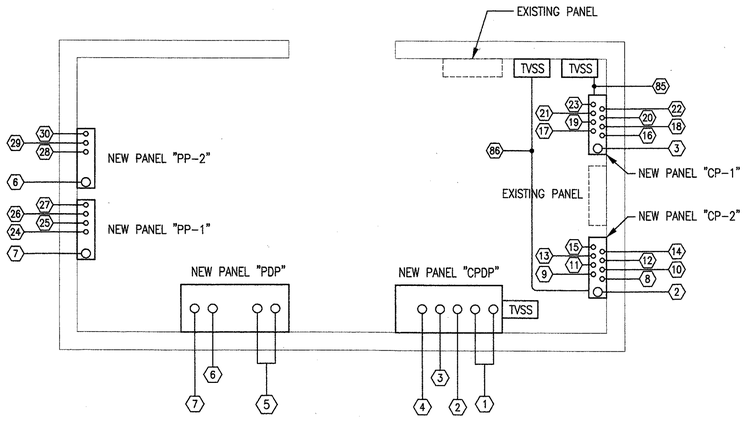
(P)=PHASE, (N)=NEUTRAL, (IG)=ISOLATED GROUND, (EG)=EQUIPMENT GROUND, J.B.= JUNCTION BOX

NOTE:

THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.



1 ROOM 220 ENLARGED PLAN — 1/4" = 1' – 0" — NORTH



2 ELECTRICAL ROOM ENLARGED PLAN — 1/2" = 1' – 0" — NORTH

SYMBOL LIST

- W – STUDENT STATION
- P – PRINTER STATION
- T – TEACHER STATION
- TV – MMTV OUTLET
- CCE – CLASSROOM CONCENTRATOR ENCLOSURE
- LCE – LABORATORY CONCENTRATOR ENCLOSURE
- ACE – ADMINISTRATIVE CONCENTRATOR ENCLOSURE
- TVSS – TRANSIENT VOLTAGE SURGE SUPPRESSOR
- – DUPLEX RECEPTACLE – NEMA 5–20R GROUNDING – 120V, 1P
- – DOUBLE DUPLEX RECEPTACLE
- – AIR CONDITIONING UNIT RECEPTACLE – 30A, 2P, 250V
- K – KRONOS TIMEKEEPING SYSTEM
- K$ – TWO POLE 20 AMP 277/120V KEYED TOGGLE SWITCH
- – CIRCUIT BREAKER PANELBOARD
- V4000 WIREMOLD – NEW
- V3000 WIREMOLD – NEW
- V4000 WIREMOLD – EXISTING
- CONDUIT RISER UP
- CONDUIT RISER UP
- EXPOSED CONDUIT
- CONCEALED CONDUIT

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CHICAGO, IL 60601
SUITE 3322

GREATLINE ELECTRIC
P.O. BOX 1452
SOUTH HOLLAND, IL. 60473
TEL: (708)331–8707

NO.	REVISION	DATE
3	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	01–07–02
2	REVISED PER ENGINEER'S AS BUILT REVIEW. ISSUED FOR RECORD	11–24–01
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10–15–01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 7 OF 8

DRAWING TITLE

SYMBOL LIST , HOMERUN LEGEND & ENLARGED PLANS

SHEET NO.

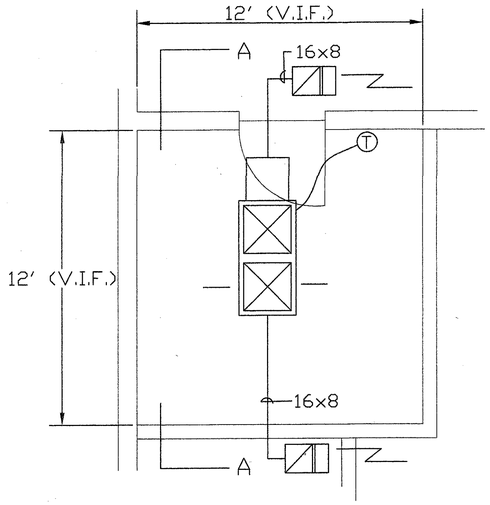
2100–SK–E7

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

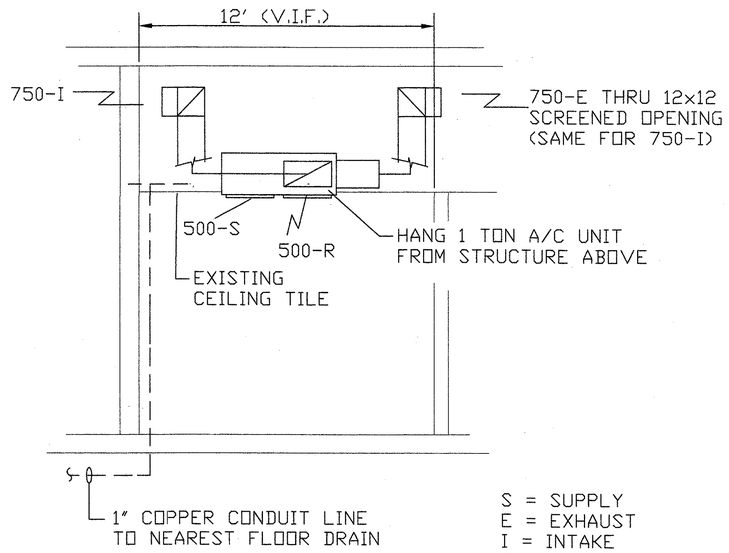
AIR CONDITIONING UNIT SCHEDULE

TAG	AREA SERVED	PERFORMANCE DATA: EVAPAORATOR CONDENSER COOLING CA (BASED ON 80F/67F EAT) TOTAL (MBH)	PERFORMANCE DATA: SENSIBLE (MBH)	EVAPORATOR/CONDENSER FAN SECTION: CFM	NO. FANS	DRIVE	MOT HP	EXT S.P IN H20	TOTAL UNIT FLA/MCA/MFS (AT 208/1/60)	EVAPORATOR/CONDENSER COIL: FACE AREA SQ.FT.	ROWS	E.A.T. DB'F'	L.A.T. DB'F'	QTY.	TYPE	REFR	ELECT V/PH/HZ	BASED ON AIR TECH SYSTEMS	UNIT WGHT LBS.
AC-1	MDF RM	13.9	11	500/750	1/1	DIR/DIR	.25/.33	.3/.3	11.7/14.4/20	2.1/2.1	3/4	80/95	55/110	1/1	DX	R-22	208/1/60	MOD OHS-012-AS	150

NOTES:
1. PROVIDE SUPPLY AND RETURN GRILLE KIT WITH 1"-20% FILTER FOR 2'x4' GRID.
2. PROVIDE INTEGRAL CONTROLS WITH WALL STAT. PLUS DRY CONTACT FOR BAS ALARM MONITORING.
3. PROVIDE REFRIGERANT RELIEF VALVE & PIPE DISCHARGE TO OUTSIDE (1" PIPE).
4. PROVIDE CONDENSATE DRAIN AS REQUIRED.
5. PROVIDE CONTROLLER W/STARTER.
6. PROVIDE 3/8"ø ROD SUPPORT FROM CONCRETE SLAB ABOVE WITH VIBRATION ISOLATOR & UNIT-STRUT FRAME AS REQUIRED.
7. PROVIDE CUT-OUT IN EXISTING CEILING & PATCH AROUND UNIT TO MATCH EXISTING.



A/C UNIT MOUNTING DETAIL
SCALE: 1/4"=1'-0"



SECTION A–A
SCALE: 1/4"=1'-0"

S = SUPPLY
E = EXHAUST
I = INTAKE
R = RETURN
AC-1 = 1 TON AIR COOLED CONDENSING UNIT

NOTE:
THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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ONE EAST WACKER DRIVE
CHICAGO, IL 60601
SUITE 3322

LEGEND
- "A" – NEMA 1 JUNCTION BOX
- – AIR CONDITIONING UNIT RECEPTACLE
- – V4000 VERTICAL WIREMOLD
- $_K$ – KEY SWITCH, 2P, 30A

GREATLINE ELECTRIC
P.O. BOX 1452
SOUTH HOLLAND, IL. 60473
TEL: (708)331-8707

NO.	REVISION	DATE
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10-15-01

CHICAGO PUBLIC SCHOOLS
CAPITAL PROGRAM
CAPITAL IMPROVEMENT
CITY OF CHICAGO
MAYOR RICHARD M. DALEY

CRISPUS ATTUCKS APPENDIX–B POWER 8 OF 8

DRAWING TITLE
CEILING MOUNTED A/C UNIT DETAILS

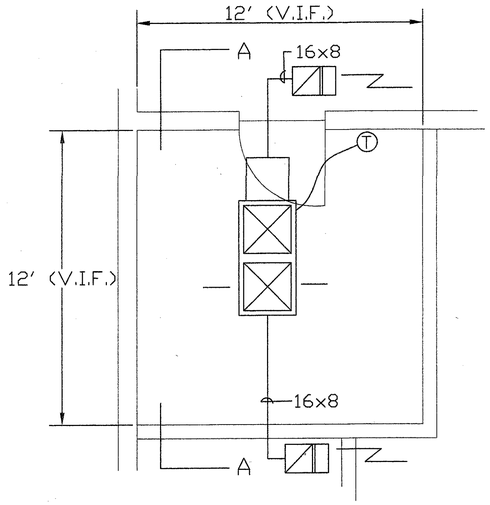
SHEET NO.
2100–SK–E8

CRISPUS ATTUCKS ELEM.–APPENDIX B–POWER SCOPE OF WORK (PROJECT #2000–2100–Y2D)

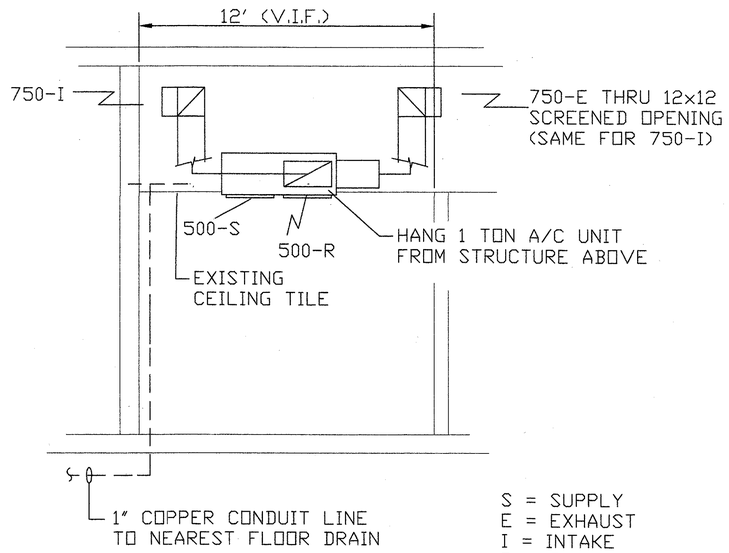
AIR CONDITIONING UNIT SCHEDULE

TAG	AREA SERVED	PERFORMANCE DATA: EVAPAORATOR CONDENSER COOLING CA (BASED ON 80F/67F EAT) TOTAL (MBH)	PERFORMANCE DATA: SENSIBLE (MBH)	EVAPORATOR/CONDENSER FAN SECTION: CFM	NO. FANS	DRIVE	MOT HP	EXT S.P IN H20	TOTAL UNIT FLA/MCA/MFS (AT 208/1/60)	EVAPORATOR/CONDENSER COIL: FACE AREA SQ.FT.	ROWS	E.A.T. DB'F'	L.A.T. DB'F'	QTY.	TYPE	REFR	ELECT V/PH/HZ	BASED ON AIR TECH SYSTEMS	UNIT WGHT LBS.
AC-1	MDF RM	13.9	11	500/750	1/1	DIR/DIR	.25/.33	.3/.3	11.7/14.4/20	2.1/2.1	3/4	80/95	55/110	1/1	DX	R-22	208/1/60	MOD OHS-012-AS	150

NOTES:
1. PROVIDE SUPPLY AND RETURN GRILLE KIT WITH 1"-20% FILTER FOR 2'x4' GRID.
2. PROVIDE INTEGRAL CONTROLS WITH WALL STAT. PLUS DRY CONTACT FOR BAS ALARM MONITORING.
3. PROVIDE REFRIGERANT RELIEF VALVE & PIPE DISCHARGE TO OUTSIDE (1" PIPE).
4. PROVIDE CONDENSATE DRAIN AS REQUIRED.
5. PROVIDE CONTROLLER W/STARTER.
6. PROVIDE 3/8"ø ROD SUPPORT FROM CONCRETE SLAB ABOVE WITH VIBRATION ISOLATOR & UNIT-STRUT FRAME AS REQUIRED.
7. PROVIDE CUT-OUT IN EXISTING CEILING & PATCH AROUND UNIT TO MATCH EXISTING.



A/C UNIT MOUNTING DETAIL
SCALE: 1/4"=1'-0"



SECTION A–A
SCALE: 1/4"=1'-0"

S = SUPPLY
E = EXHAUST
I = INTAKE
R = RETURN
AC-1 = 1 TON AIR COOLED CONDENSING UNIT

NOTE:
THESE RECORD DRAWINGS DESCRIBE THE INSTALLATION OF THE LAN EQUIPMENT, i.e.: CONDUITS, CABLES, CIRCUITS, SWITCHES, PANELS, OUTLETS, PENETRATIONS, ETC., AT THE SITE PERFORMED UNDER THE YEAR 2 BUILD SCOPE OF WORK. THE BACKGROUND DRAWINGS AND INFORMATION ON WHICH THEY ARE BASED ARE BELIEVED ACCURATE, BUT SHOULD NOT BE USED FOR ANY NEW CONSTRUCTION OR DESIGN WITHOUT FURTHER FIELD VERIFICATION.

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NO.	REVISION	DATE
1	ISSUED FOR RECORD PURPOSES AS BUILT.	10-15-01

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MAYOR RICHARD M. DALEY

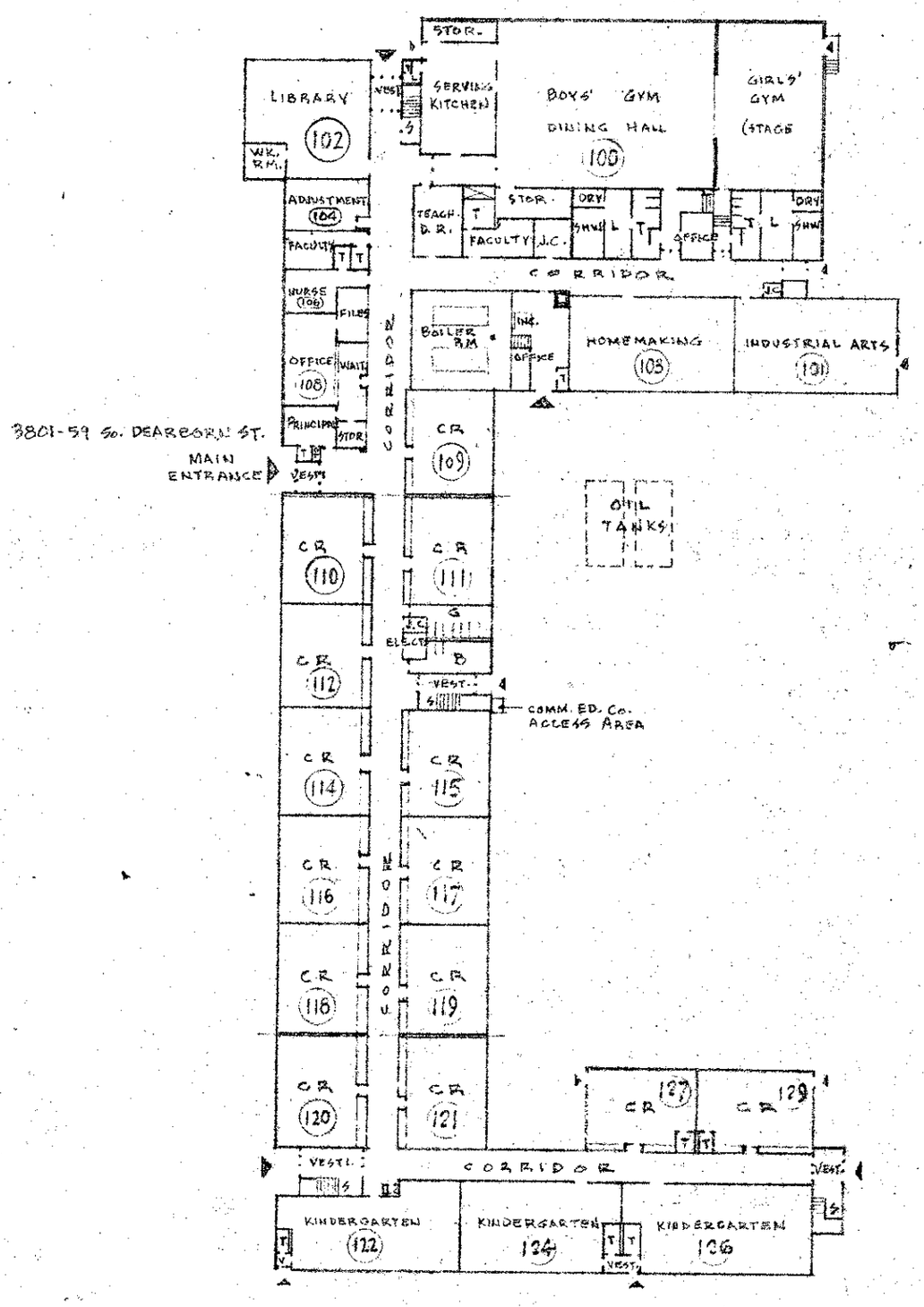
CRISPUS ATTUCKS APPENDIX–B POWER 8 OF 8

DRAWING TITLE
CEILING MOUNTED A/C UNIT DETAILS

SHEET NO.
2100–SK–E8

CRISPUS ATTUCKS ELEMENTARY SCHOOL

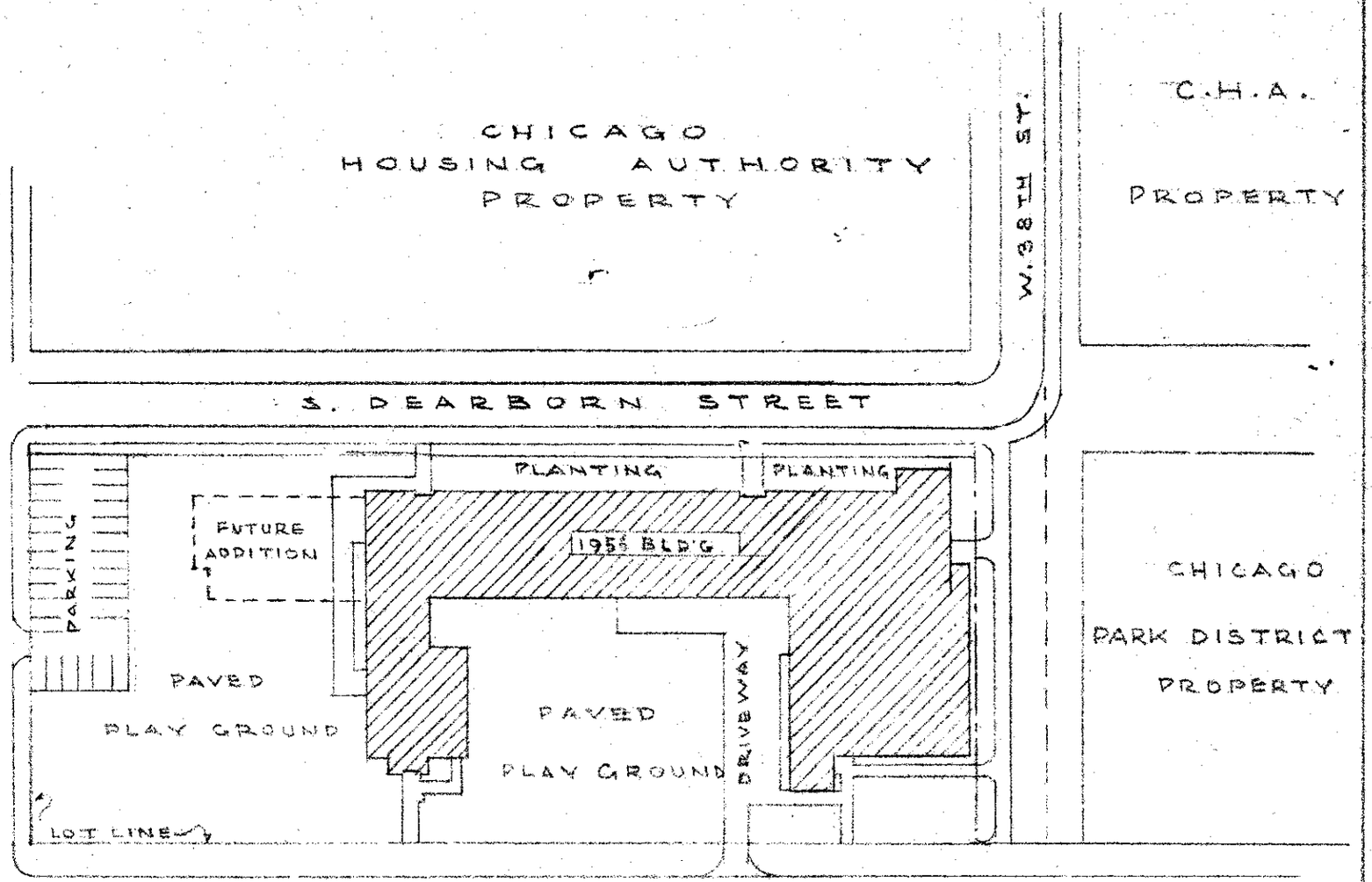
3812 S. DEARBORN ST.



FIRST FLOOR PLAN

SCALE 1/16" = 1'-0"

DIST. 11



PLOT PLAN

SCALE 1"=100'

JOB No.
922
K-18

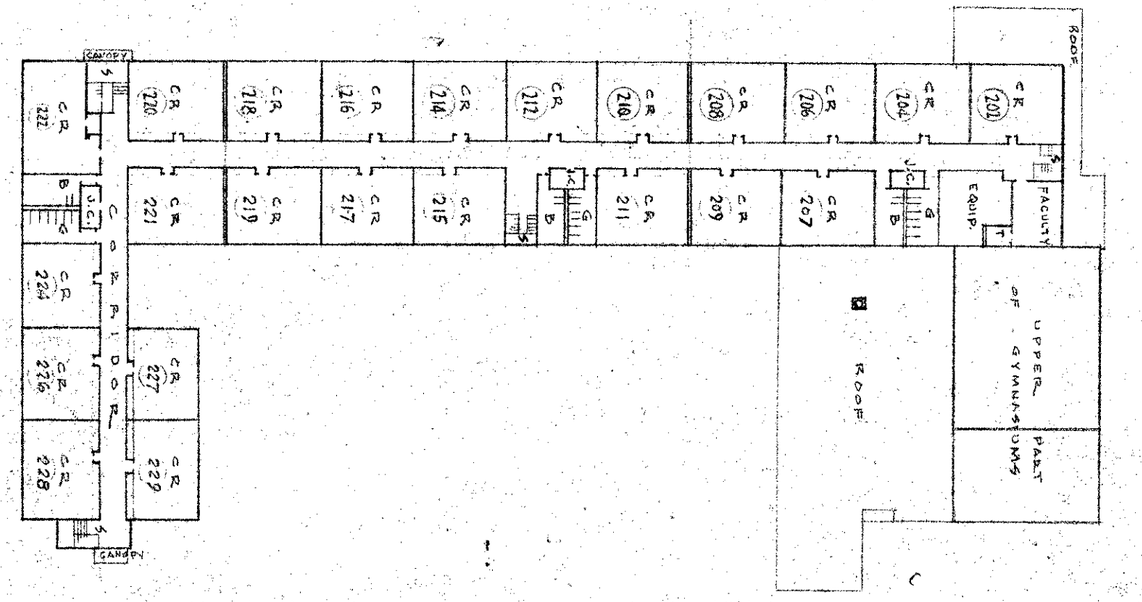
2-22-71 AMS

CRISPUS ATTUCKS ELEMENTARY SCHOOL

3813 S. DEARBORN ST.

SAUL SAMUELS DIRECTOR BUREAU OF ARCHITECTURE
JAMES F. REDMOND GEN'L SUP'T OF SCHOOLS
BOARD OF EDUCATION CITY OF CHICAGO

1/3



CRISPUS ATTUCKS
ELEMENTARY SCHOOL
3813 S. DEARBORN ST.

FUGARD-BURT-WILKINSON & ORTH
ARCHITECTS

3/3