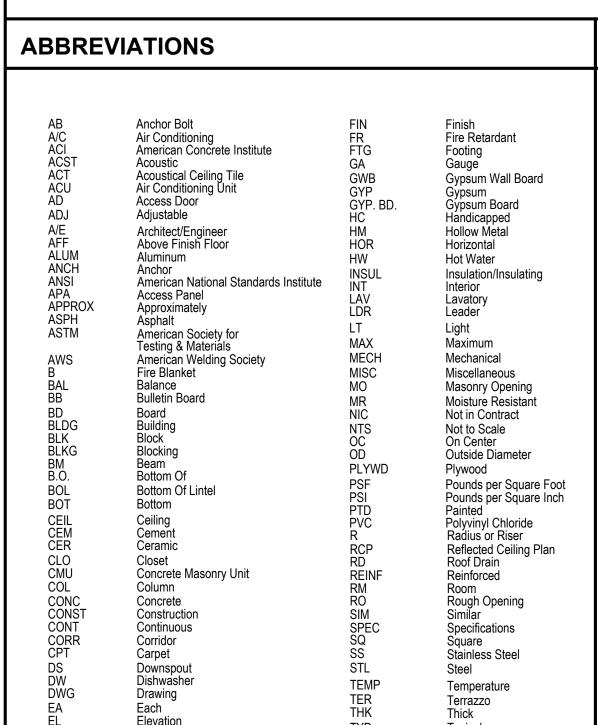
WHITE PLAINS CITY SCHOOL DISTRICT

RENOVATIONS AT THE ROCHAMBEAU ALTERNATIVE HIGH SCHOOL

228 FISHER AVENUE WHITE PLAINS, NEW YORK 10606

SED PROJECT CONTROL NUMBER 66-22-00-01-0-015-0019

CONTRACT G - GENERAL CONSTRUCTION AND ASBESTOS ABATEMENT WORK, CONTRACT H - HEATING VENTILATION AND AIR CONDITIONING WORK, CONTRACT P - PLUMBING WORK, CONTRACT E - ELECTRICAL WORK



Electric/Electrical

Electrical Pane

Epoxy Coating

Fresh Air Intake

Equipment

Exhaust

Fire Code

LOCATION MAPS

Floor Drain

DRAWING LIST

ALL WORK SHALL COMPLY WITH THE NEW YORK STATE FIRE PREVENTION AND MANUAL OF PLANNING STANDARDS

GENERAL NOTES

- ALL NOTES APPEARING HEREIN. WITH THOSE ON VARIOUS DRAWINGS SHALL APPL
- IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL DIMENSIONS SQUARE FOOTAGES, LOCATIONS AND QUANTITIES OF ALL ITEMS AND/OR SPACES WHETHER INDICATED IN THE DRAWINGS OR NOT
- DO NOT SCALE MEASURE ANY DRAWING. VERIFY THE FIGURES, DIMENSIONS AND WORK AND REPORT ANY ERRORS, INACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENGINEER IN WRITING BEFORE BEGINNING ANY WORK
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES. LAWS AND STATUTES AS
- DISTURB ONLY THOSE AREAS OF THE SITE AFFECTED BY RENOVATION. UNLES NOTED OTHERWISE. PROTECT ALL OTHER AREAS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL PATCH AND REPAIR OF EXISTING FINISHES WHICH ARE
- . EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANSI AND PROVIDE WHERE APPLICABLE ADA COMPLIANT BUILDING COMPONENTS.
- THE OWNER RESUMES THE RIGHT AT ALL TIMES TO DELIVER, PLACE AND INSTALL EQUIPMENT AND FURNISHINGS AS THE WORK PROGRESSES SO LONG AS THERE IS NOT A CONFLICT WITH THE CONTRACTORS.
- 0.THE CONTRACTOR SHALL MAINTAIN AT THE SITE ONE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS AND APPROVED SHOP DRAWINGS AND APPROVED SAMPLES MARKED CURRENTLY TO RECORD ALL CHANGES DURING CONSTRUCTION
- 1.ANY CHANGES TO THE SCOPE OF WORK OR IN THE CONSTRUCTION DETAILS, WHETHER DUE TO FIELD CONDITIONS OR OMISSION SHALL BE DOCUMENTED BY THE ARCHITECT PRIOR TO EXECUTION. ANY INCREASE OR DECREASE IN THE CONTRACT PRICE MUST BE APPROVED IN WRITING PRIOR TO EXECUTION.
- 12.THE SCOPE OF WORK FOR THIS PROJECT INCLUDES BUT IS NOT LIMITED TO ENVIRONMENTAL ABATEMENT THE RENOVATION OF THE CAFETERIA. THE RENOVATION OF CEILINGS IN THE COMPUTER LAB, RENOVATION OF ADJACENT INSTRUCTIONAL AREAS, NEW DOORS AND HARDWARE, HARDWARE UPGRADES VARIOUS GLAZING UPGRADES, RATED STAIR ENCLOSURES, EXTERIOR MASONRY RE POINTING, PARKING UPGRADES, VENTILATION, HEATING, AIR CONDITIONING, ELECTRICAL, LIGHTING AND FIRE ALARM WORK.

INFORMATIONAL DRAWINGS (ALL CONTRACTS) G000.00 GENERAL NOTES, MAPS, DRAWING LIST,

STAGING PLAN, EXIT PLAN & LEGENDS G100.00 EXISTING BASEMENT PLAN

AD 101.00 ENLARGED DEMOLITION BATHROOM PLANS

- AD 120.00 PARTIAL GROUND FLOOR DEMOLITION REFLECTED CEILING PLANS
- AD 122.00 PARTIAL FIRST FLOOR DEMOLITION
- AD 123.00 PARTIAL FIRST FLOOR DEMOLITION
- A 101.00 ENLARGED BATHROOM PLANS A 120.00 ENLARGED BATHROOM REFLECTED CEILING PLANS A 121.00 ENLARGED BATHROOM REFLECTED CEILING PLANS
- A 122.00 PARTIAL GROUND FLOOR REFLECTED CEILING PLANS A 123.00 PARTIAL GROUND FLOOR REFLECTED CEILING PLANS A 124.00 PARTIAL FIRST FLOOR REFLECTED CEILING PLANS A 125.00 PARTIAL FIRST FLOOR REFLECTED CEILING PLANS A 126.00 PARTIAL SECOND FLOOR REFLECTED CEILING PLANS
- A 127.00 PARTIAL SECOND FLOOR REFLECTED CEILING PLANS A 600.00 DOOR SCHEDULE, DETAILS & FINISH SCHEDULE

MECHANICAL DRAWINGS

- M 001.00 MECHANICAL GENERAL NOTES AND LEGENDS MD 100.00 MECHANICAL BASEMENT DEMOLITION PLAN MD 101.00 MECHANICAL GROUND FLOOR DEMOLITION PLAN MD 102.00 MECHANICAL FIRST FLOOR DEMOLITION PLAN
- MD 103.00 MECHANICAL SECOND FLOOR DEMOLITION PLAN MD 104.00 MECHANICAL THIRD FLOOR DEMOLITION PLAN M 101.00 MECHANICAL GROUND FLOOR PLAN M 102.00 MECHANICAL FIRST FLOOR PLAN M 103.00 MECHANICAL SECOND FLOOR PLAN

M 104.00 MECHANICAL THIRD FLOOR PLAN M 300.00 MECHANICAL SCHEDULES AND DETAILS

PLUMBING DRAWINGS

- GENERAL NOTES, LEGEND, AND ABBREVIATIONS GROUND FLOOR PLAN
- SECOND FLOOR PLAN
- PLUMBING UNDERSLAB, SANITARY AND VENT
- ENLARGEMENT PLANS FOR ROOM 110, 110A, 207, 219, 308 AND 308A

- E 104.00 ELECTRICAL PLAN THIRD FLOOR

ROCHAMBEAU SCHOOL - EXISTING ATHLETIC — EXISTING ASPHALT - 8'-0" HIGH TEMPORARY CHAIN LINKED FENCING WITH (2) 5'-0" WIDE DOUBLE SWING GATES AROUND PERIMETER OF STAGING AREA. COORDINATE WITH OWNER FOR EXACT LOCATION.

TIBBITS AVENUE

STAGING NOTES

- POST SIGNS INDICATING CONSTRUCTION AREA AND CONSTRUCTION EMPLOYEE ENTRANCE. 2. CONSTRUCTION FENCE TO BE 8'-0" HIGH CHAIN LINK FENCE LOCATED A MINIMUM OF
- 15'-0" FROM ALL WINDOW OPENINGS. ALL GATES ARE TO BE LOCKED AT ALL TIMES. EXCEPT FOR WHEN A WORKER IS IN ATTENDANCE TO PREVENT UNAUTHORIZED ENTRY.
- CONTRACTOR IS TO STAGE ON THE SITE IN SUCH A MANNER AS TO NOT BLOCK OR ENCROACH UPON EXISTING EXITS/ENTRANCES TO BUILDING, AND VEHICLE ACCESS.

▲ STAFF ENTRANCE / EGRESS

SYMBOLS LEGEND

SECTION MARK

LEVATION KEY

PARTITION TYPE

Typical

Vapor Barrier

Vent Thru Roof

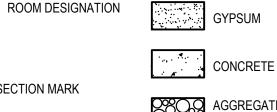
Water Closet

Water Heater

Vinyl Composition Tile

Welded Wire Fabric

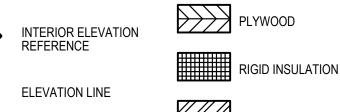
VB VCT VERT



AGGREGA SUB-BASE



BATT INSULATION



WOOD BLOCKING

- "THE OCCUPIED PORTION OF ANY SCHOOL BUILDING SHALL 4. "SEPARATION OF CONSTRUCTION AREAS FROM OCCUPIED ALWAYS COMPLY WITH THE MINIMUM REQUIREMENTS NECESSARY TO MAINTAIN A CERTIFICATE OF OCCUPANCY."
- ALL SCHOOL AREAS TO BE DISTURBED DURING RENOVATION OR DEMOLITION HAVE BEEN TESTED FOR ASBESTOS AND SOME MATERIALS WERE FOUND TO BE POSITIVE. IF ENCOUNTERED, THE CONTRACTOR SHALL ABATE MATERIAL AS PER SPECIFICATION SECTION 028200 -ASBESTOS ABATEMENT, ALL TEST RESULTS CAN BE FOUND IN THIS SPECIFICATION SECTION.
- "GENERAL SAFETY AND SECURITY STANDARDS FOR CONSTRUCTION PROJECTS:
- (1) ALL CONSTRUCTION MATERIALS SHALL BE STORED IN A SAFE AND SECURE MANNER.
- (2) FENCES AROUND CONSTRUCTION SUPPLIES OR DEBRIS SHALL BE MAINTAINED.

(3) GATES SHALL ALWAYS BE LOCKED UNLESS A WORKER

IS IN ATTENDANCE TO PREVENT UNAUTHORIZED ENTRY.

- (4) DURING EXTERIOR RENOVATION WORK, OVERHEAD PROTECTION SHALL BE PROVIDED FOR ANY SIDEWALKS OR AREAS IMMEDIATELY BENEATH THE WORK SITE OR SUCH AREAS SHALL BE FENCED OFF AND
- (5) WORKERS SHALL BE REQUIRED TO WEAR PHOTO-IDENTIFICATION BADGES AT ALL TIMES FOR IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES."

PROVIDED WITH WARNING SIGNS TO PREVENT ENTRY.

SPACES: CONSTRUCTION AREAS WHICH ARE UNDER THE CONTROL OF A CONTRACTOR AND THEREFORE NOT OCCUPIED BY DISTRICT STAFF OR STUDENTS SHALL BE SEPARATED FROM OCCUPIED AREAS. PROVISIONS SHALL BE MADE TO PREVENT THE PASSAGE OF DUST AND CONTAMINANTS INTO OCCUPIED PARTS OF THE BUILDING. PERIODIC INSPECTION AND REPAIRS OF THE CONTAINMENT BARRIERS MUST BE MADE TO PREVENT EXPOSURE TO DUST OR CONTAMINANTS. GYPSUM BOARD MUST BE USED IN EXIT WAYS OR OTHER AREAS THAT REQUIRE FIRE RATED SEPARATION. HEAVY DUTY PLASTIC SHEETING MAY BE USED ONLY FOR A VAPOR, FINE DUST OR AIR INFILTRATION BARRIER, AND SHALL NOT BE USED TO SEPARATE OCCUPIED SPACES FROM CONSTRUCTION AREAS.

UNIFORM SAFETY STANDARDS - FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS

- (1) A SPECIFIC STAIRWELL AND/OR ELEVATOR SHALL BE ASSIGNED FOR CONSTRUCTION WORKER USE DURING WORK HOURS. IN GENERAL, WORKERS MAY NOT USE CORRIDORS, STAIRS OR ELEVATORS DESIGNATED FOR STUDENTS OR SCHOOL STAFF. WHERE NO STAIRWELL AND OR ELEVATOR IS ASSIGNED, WORKERS MUST ENTER THE CONSTRUCTION SPACES DIRECTLY FROM THE BUILDING EXTERIOR.
- (2) LARGE AMOUNTS OF DEBRIS MUST BE REMOVED BY USING ENCLOSED CHUTES OR A SIMILAR SEALED SYSTEM. THERE SHALL BE NO MOVEMENT OF DEBRIS THROUGH HALLS OF OCCUPIED SPACES OF THE BUILDING. NO MATERIAL SHALL BE DROPPED OR THROWN OUTSIDE THE WALLS OF THE BUILDING.
- (3) ALL OCCUPIED PARTS OF THE BUILDING AFFECTED BY RENOVATION ACTIVITY SHALL BE CLEANED AT THE CLOSE OF EACH WORKDAY. SCHOOL BUILDINGS OCCUPIED DURING A CONSTRUCTION PROJECT SHALL MAINTAIN REQUIRED HEALTH, SAFETY AND EDUCATIONAL CAPABILITIES AT ALL TIMES THAT CLASSES ARE IN SESSION."
- 5. A PLAN DETAILING HOW EXITING REQUIRED BY THE APPLICABLE BUILDING CODE WILL BE MAINTAINED.

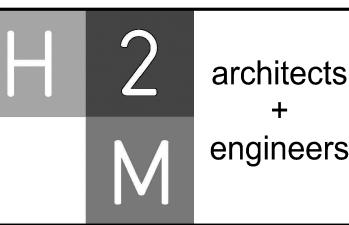
- 6. WORK UNDER THIS CONTRACT WILL BE CONDUCTED DURING THE SUMMER RECESS WHEN THE BUILDING IS UNOCCUPIED. IF THE BUILDING BECOMES OCCUPIED THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EXISTING MEANS OF EGRESS IN A CLEAR AND FREE MANNER, INCLUDING THE STORAGE OF MATERIALS AND STAGING OF EQUIPMENT ON THE SITE. IF ANY PORTION OF THE BUILDING DOES BECOME OCCUPIED THE ARCHITECT WILL PROVIDE A DETAILED PLAN FOR EXITING, OVERHEAD PROTECTION AND EGRESS IN ACCORDANCE WITH APPLICABLE BUILDING CODES.
- 7. A PLAN DETAILING HOW ADEQUATE VENTILATION WILL BE MAINTAINED DURING CONSTRUCTION.
- 8. WORK UNDER THIS PROJECT WILL BE COMPLETED DURING THE SUMMER RECESS WHEN THE BUILDING WILL NOT BE OCCUPIED BY FACULTY, STAFF OR STUDENTS. IF A PORTION OF THE BUILDING IS TO BECOME OCCUPIED DURING THE CONSTRUCTION PROCESS THE CONTRACTOR SHALL CLOSE OFF ALL INTAKES, OPENINGS, AND MECHANICAL VENTILATION SYSTEMS ADJACENT TO THE WORK AREA. THE ARCHITECT SHALL ASSIST THE CONTRACTOR IN DEVELOPING A PLAN TO PROVIDE ALTERNATE MEANS OF FRESH AIR TO ALL OCCUPIED SPACES.

"CONSTRUCTION AND MAINTENANCE OPERATIONS SHALL NOT PRODUCE NOISE IN EXCESS OF 60 DBA IN OCCUPIED SPACES OR SHALL BE SCHEDULED FOR TIMES WHEN THE BUILDING OR AFFECTED BUILDING SPACES ARE NOT OCCUPIED OR ACOUSTICAL ABATEMENT MEASURES SHALL BE TAKEN."

"THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF CHEMICAL FUMES, GASES, AND OTHER CONTAMINATES PRODUCED BY WELDING, GASOLINE OR DIESEL ENGINES, ROOFING, PAVING, PAINTING, ETC. TO ENSURE THEY DO NOT ENTER OCCUPIED PORTIONS OF THE BUILDING OR AIR INTAKES. ALL VENTS SHALL BE SEALED TO PREVENT CONTAMINANTS FROM THE CONSTRUCTION AREA FROM ENTERING THE OCCUPIED AREAS OF THE BUILDING.

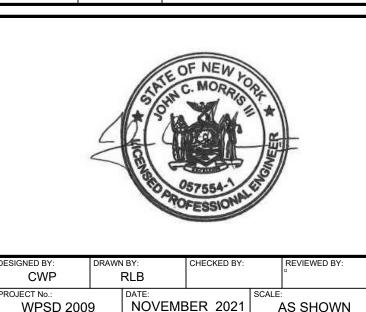
- "THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ACTIVITIES AND MATERIALS WHICH RESULT IN "OFF-GASSING" OF VOLATILE ORGANIC COMPOUNDS SUCH AS GLUES, PAINTS, FURNITURE, CARPETING, WALL COVERING, DRAPERY, ETC. ARE SCHEDULED, CURED OR VENTILATED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS BEFORE A SPACE CAN
- 10. "LARGE AND SMALL ASBESTOS ABATEMENT PROJECTS AS DEFINED BY 12NYCRR56 SHALL NOT BE PERFORMED WHILE THE BUILDING IS OCCUPIED." IT IS OUR INTERPRETATION THAT THE TERM "BUILDING", AS REFERENCED IN THIS SECTION, MEANS A WING OR MAJOR SECTION OF A BUILDING THAT CAN BE COMPLETELY ISOLATED FROM THE REST OF THE BUILDING WITH SEALED NON COMBUSTIBLE CONSTRUCTION. THE ISOLATED PORTION OF THE BUILDING MUST CONTAIN EXITS THAT DO NOT PASS THROUGH THE OCCUPIED PORTION AND VENTILATION SYSTEMS MUST BE PHYSICALLY SEPARATED AND SEALED AT THE ISOLATION BARRIER.
- 11. EXTERIOR WORK SUCH AS ROOFING, FLASHING, SIDING, OR SOFFIT WORK MAY BE PERFORMED ON OCCUPIED BUILDINGS PROVIDED PROPER VARIANCES ARE IN PLACE AS REQUIRED, AND COMPLETE ISOLATION OF VENTILATION SYSTEMS AND AT WINDOWS IS PROVIDED. CARE MUST BE TAKEN TO SCHEDULE WORK SO THAT CLASSES ARE NOT DISRUPTED BY NOISE OR VISUAL DISTRACTION.
- 12. MINOR ASBESTOS PROJECTS DEFINED BY 12NYCRR56 AS AN ASBESTOS PROJECT INVOLVING THE REMOVAL, DISTURBANCE, REPAIR, ENCAPSULATION, ENCLOSURE OR HANDLING OF 10 SQUARE FEET OF ASBESTOS OR ASBESTOS MATERIAL MAY BE PERFORMED IN UNOCCUPIED AREAS OF AN OCCUPIED BUILDING IN ACCORDANCE WITH 12NYCRR56.
- 13. ALL PAINTED SURFACES TO BE DISTURBED DURING CONSTRUCTION AND/OR DEMOLITION UNDER THE SCOPE OF THIS PROJECT HAVE BEEN TESTED FOR LEAD CONTENT IN

- ACCORDANCE WITH USEPA REGULATIONS AND PER HUD GUIDELINES. ALL MATERIALS THAT TESTED POSITIVE WHICH ARE TO BE DISTURBED UNDER THE PROJECT ARE SCHEDULED FOR REMOVAL UNDER THE TERMS OF SECTION 026000 OF THE PROJECT SPECIFICATIONS. TRACES OF LEAD WERE ALSO DETECTED IN OTHER MATERIALS, THEREFORE THE CONTRACTOR SHALL TAKE THE PROPER MEASURES TO PROTECT AND TRAIN WORKERS PER OSHA REGULATIONS. ALL TESTING RESULTS ARE ATTACHED TO SPECIFICATION SECTION 026000.
- 14. UNDER NEW YORK STATE LAW SMOKING IS PROHIBITED ON SCHOOL GROUNDS. EMPLOYEES FOUND TO BE SMOKING ON SCHOOL GROUNDS SHALL BE ORDERED OFF SITE AND A SECOND OFFENSE WILL BE GROUNDS FOR PERMANENT REMOVAL FROM PROJECT. LEGAL PENALTIES MAY ALSO BE
- 15. ALL CONTRACTORS SHALL TAKE EVERY PRECAUTION AND SHALL PROVIDE SUCH EQUIPMENT AND FACILITIES AS ARE NECESSARY OR REQUIRED FOR THE SAFETY OF ITS EMPLOYEES. IN CASE OF AN ACCIDENT, FIRST AID SHALL BE ADMINISTERED TO ANY WHO MAY BE INJURED IN THE PROGRESS OF THE WORK. IN ADDITION, THE CONTRACTOR SHALL BE PREPARED FOR THE REMOVAL TO THE HOSPITAL FOR TREATMENT OF ANY EMPLOYEE EITHER SERIOUSLY INJURED OR ILL.
- 16. THE CONTRACTOR FOR GENERAL CONSTRUCTION SHALL PROVIDE TEMPORARY WEATHER-TIGHT AND INSULATED ENCLOSURES AS MAY BE REQUIRED BY THE SCOPE OF WORK FOR ALL EXTERIOR OPENINGS SO AS TO PROTECT ALL WORK FROM THE WEATHER, AND TO PROVIDE SECURITY AGAINST UNAUTHORIZED ENTRY. ENCLOSURES SHALL NOT CREATE DEAD END CONDITIONS, REQUIRED EXITS SHALL BE MAINTAINED FREE AND CLEAR.



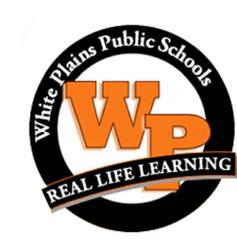
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	-	11-03-21	FINAL BID SET



White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

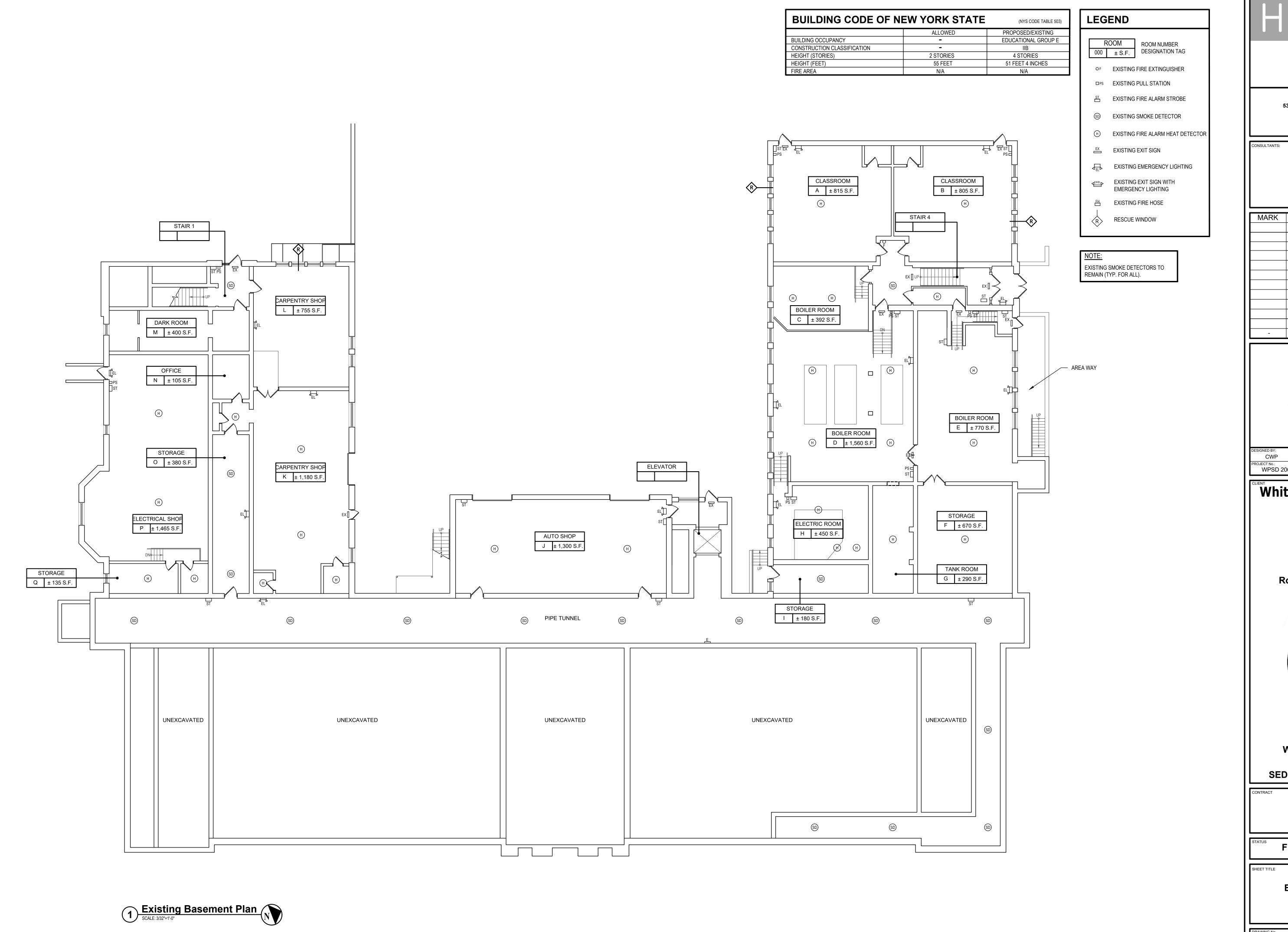
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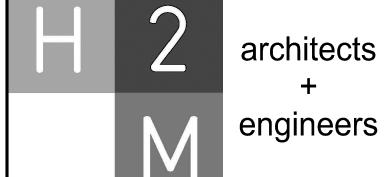
ALL CONTRACTS

FINAL BID DOCUMENT

GENERAL NOTES, MAPS DRAWINGS LIST, STAGING PLAN, EXIT PLAN AND LEGENDS

G000.00





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architects

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White Plains City School District

Renovations at Rochambeau Alternative **High School**



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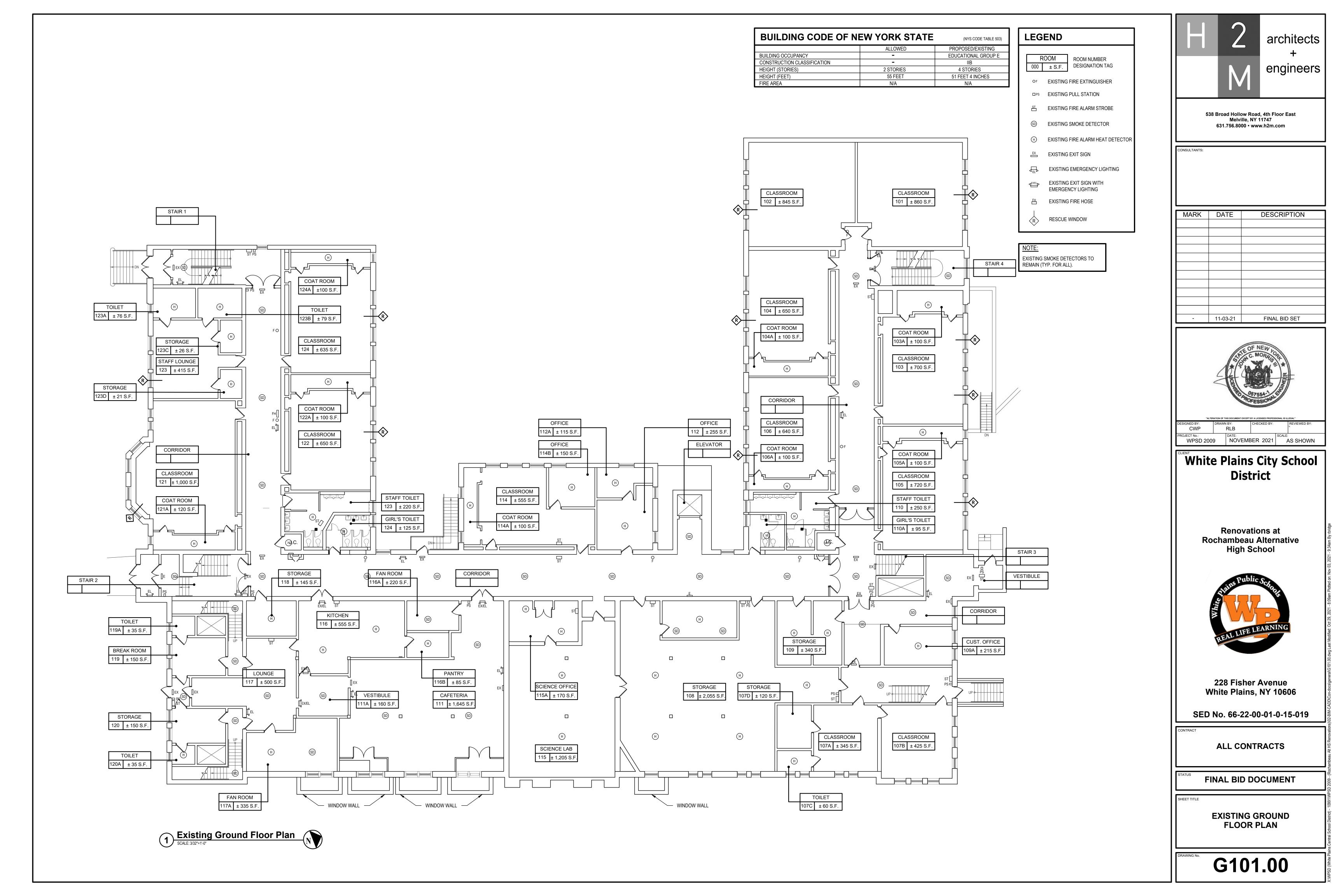
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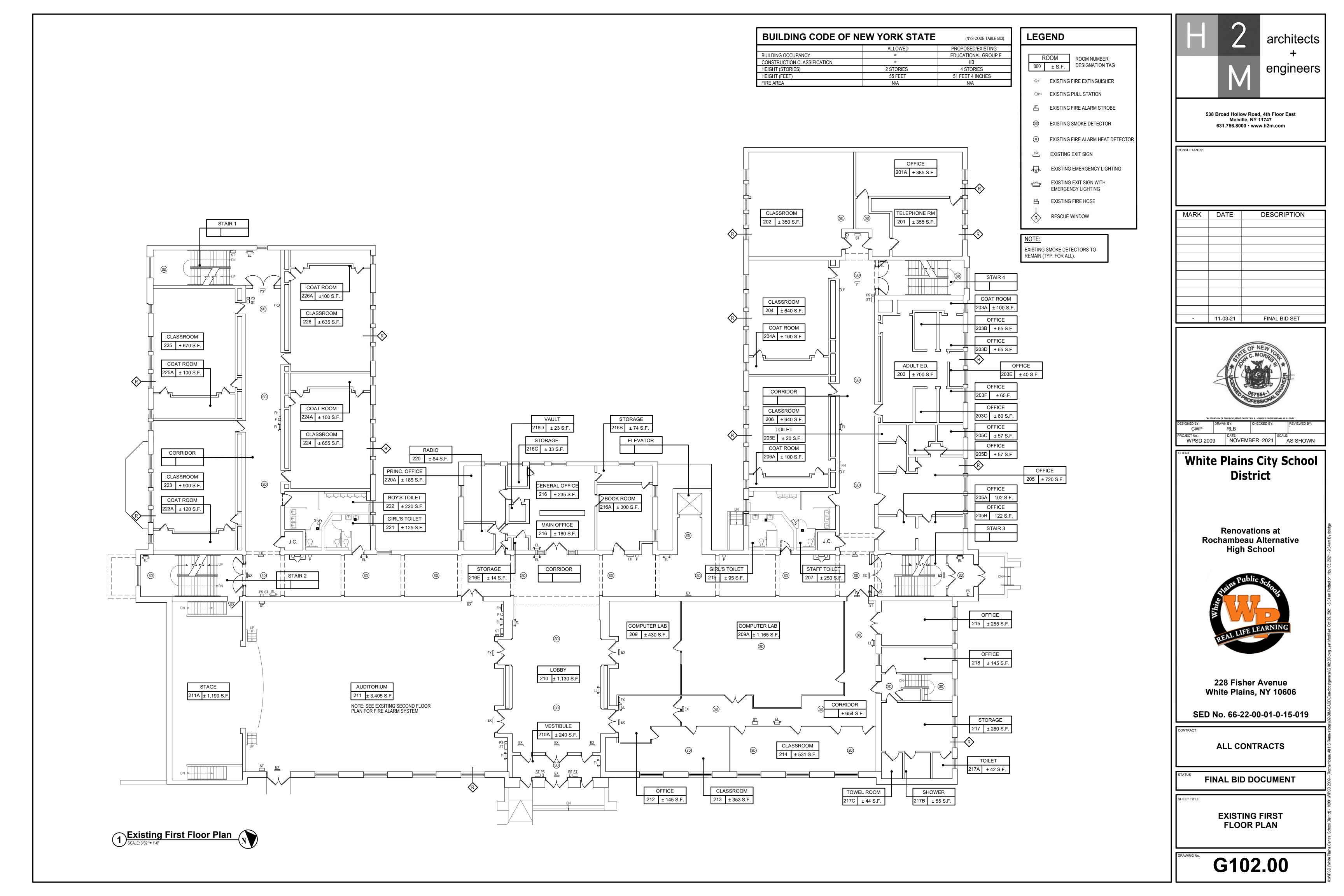
ALL CONTRACTS

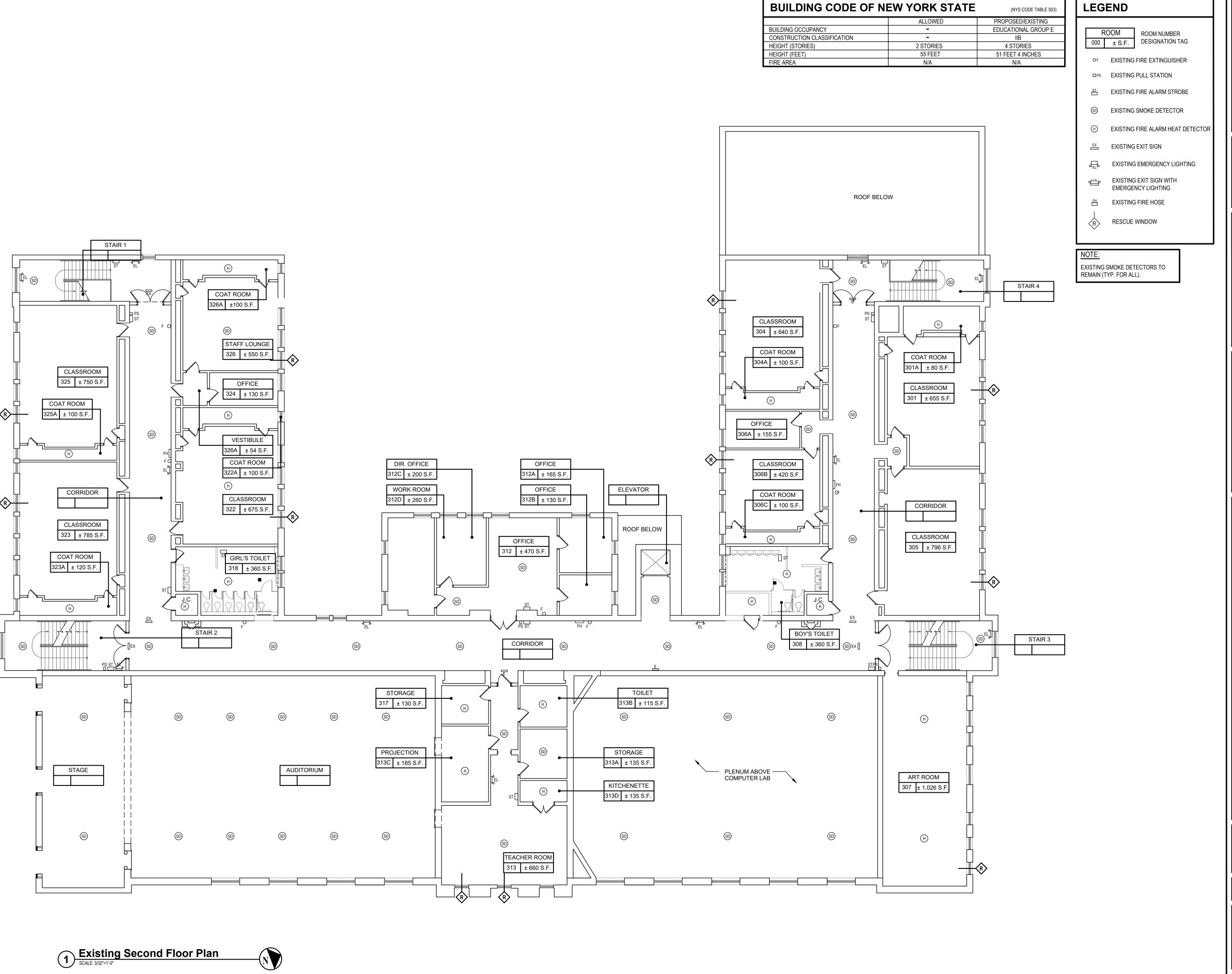
FINAL BID DOCUMENT

EXISTING BASEMENT PLAN

G100.00







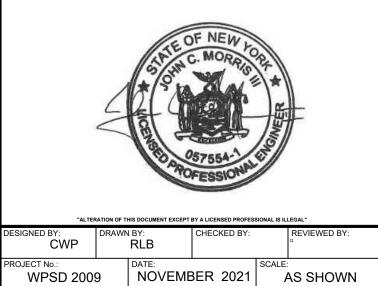




engineers

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White Plains City School District

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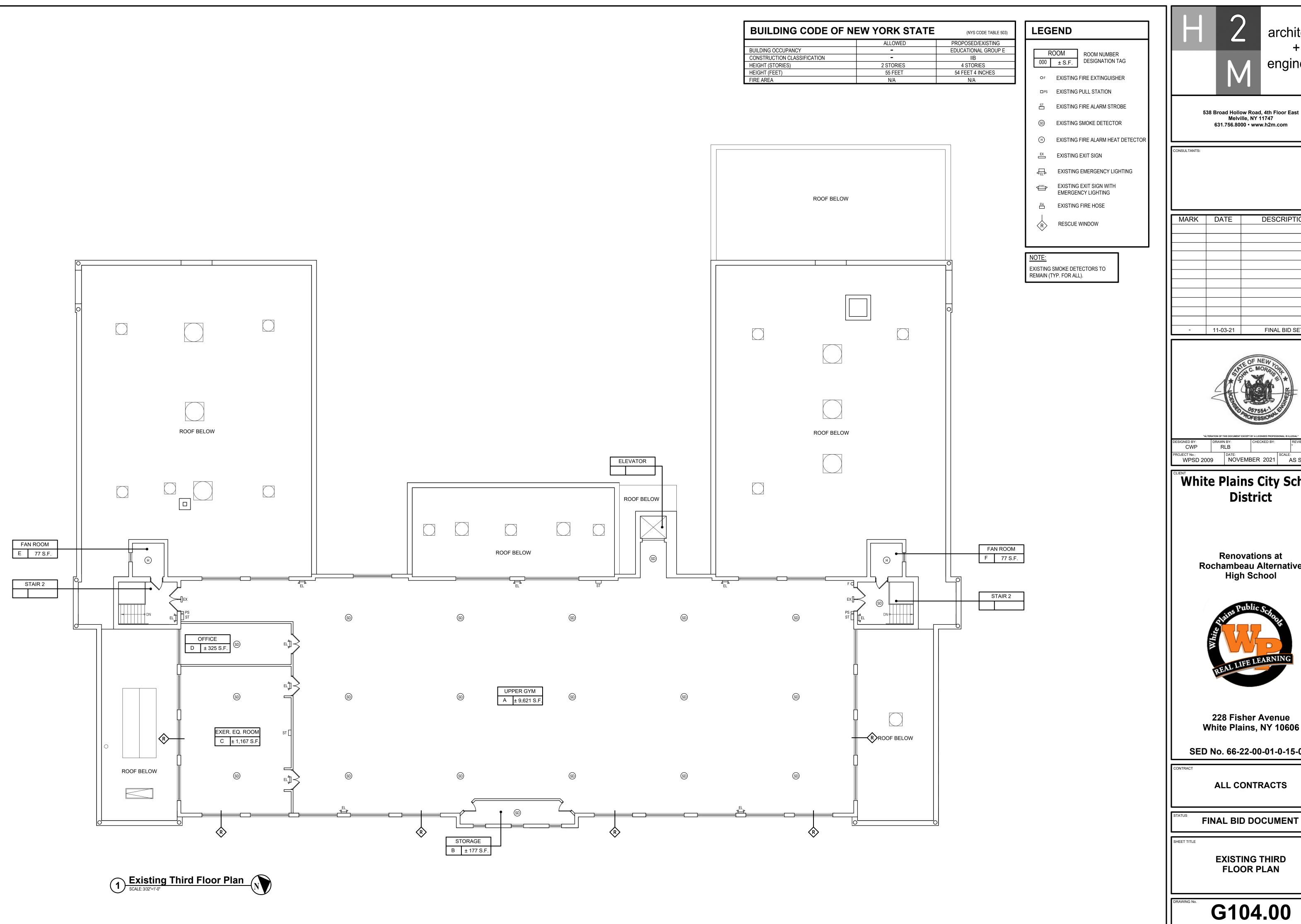
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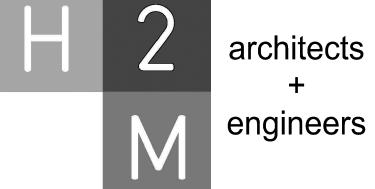
ALL CONTRACTS

FINAL BID DOCUMENT

EXISTING SECOND FLOOR PLAN

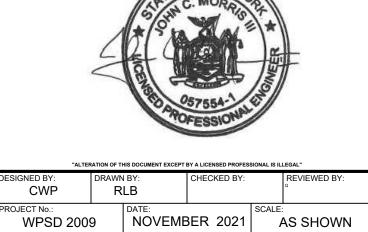
G103.00





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-	11-03-21	FINAL BID SET



White Plains City School **District**

Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

ALL CONTRACTS

EXISTING THIRD FLOOR PLAN

G104.00

ASBESTOS ABATEMENT GENERAL NOTES

GENERAL NOTES:

- 1. ALL ASBESTOS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, GUIDELINES, REGULATIONS, ORDERS AND DIRECTIVES, INCLUDING WITHOUT LIMITATIONS, THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), AND U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH), AND NEW YOK STATE DEPARTMENT OF LABOR (NYSDOL).
- 2. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, SERVICES, ETC., NECESSARY TO PERFORM THE WORK REQUIRED FOR ASBESTOS ABATEMENT IN ACCORDANCE WITH CONTRACT DOCUMENTS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
- 3. CONTRACTOR SHALL DEVELOP AND IMPLEMENT A WRITTEN STANDARD PROCEDURE FOR ABATEMENT WORK TO ENSURE MAXIMUM PROTECTION AND SAFEGUARD FROM ASBESTOS EXPOSURE OF THE WORKERS, VISITORS, EMPLOYEES, GENERAL PUBLIC, AND THE FIVIRONMENT
- 4. CONTRACTOR SHALL PROVIDE SIGNS, LABELS, WARNINGS, AND POST INSTRUCTIONS THAT ARE NECESSARY TO PROTECT, INFORM AND WARN PEOPLE OF THE HAZARD FROM ASBESTOS EXPOSURE. POST IN A PROMINENT AND CONVENIENT PLACE FOR THE WORKERS A COPY OF THE LATEST APPLICABLE REGULATIONS FROM OSHA, EPA, NIOSH AND NYSDOL.
- 5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATION.
- 6. THE CONTRACTOR SHALL RELOCATE ALL FURNITURE, LOCKERS, DESKS AND OTHER MISC. ITEMS IN AND OUT OF THE WORK AREAS TO ACCOMODATE ASBESTOS ACTIVITIES.
- 7. THE CONTRACTOR SHALL PROVIDE ALL ELECTRICAL, WATER, AND WASTE CONNECTIONS, TIE—INS, EXTENSIONS, CONSTRUCTION MATERIALS, SUPPLIES, ETC. AS REQUIRED TO FACILITATE ASBESTOS REMOVAL.
- 8. CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRIC AND LIGHT THROUGHOUT THE WORK AREA(S) AS REQUIRED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND CODES.
- 9. THE CONTRACTOR SHALL ESTABLISH CRITICAL BARRIERS OVER ALL OPENINGS LOCATED INSIDE THE PARTICULAR WORK AREA AS WELL AS INSIDE THE SCHOOL.
- 10. CONTRACTOR SHALL PROPERLY PROTECT ALL CONTROLS, TUBING, ELECTRICAL PANELS, EQUIPMENT, ETC. WITHIN THE WORK AREA.
- 11. THE CONTRACTOR SHALL BE REQUIRED TO ISSUE NON-WHITE WORK COVERALLS FOR ALL ABATEMENT WORKERS.
- 12. CONTRACTOR SHALL EXERCISE EXTREME CARE AND CAUTION DURING ANY AND ALL DEMOLITION AND ABATEMENT OPERATIONS. CONTRACTOR SHALL CONDUCT REMOVAL OF ALL MATERIALS FROM THE SITE WITH MINIMUM DISTURBANCE; PROVIDE PROPER PROTECTION AND REGULAR MAINTENANCE OF ALL BUILDING PREMISES DIRECTLY OR INDIRECTLY ASSOCIATED WITH ABATEMENT OPERATIONS.
- 13. CONTRACTOR SHALL LOCATE AND SEAL ALL PENETRATIONS THROUGH WALLS BETWEEN THE WORK AREA AND ADJACENT AREAS, INCLUDING, BUT NOT LIMITED TO PIPE, DUCT, CONDUIT, CHASES, AND OPENINGS IN FIRE WALLS OR DECKS BETWEEN FLOORS AS REQUIRED BY THE FIELD CONDITION.
- 14. THE CONTRACTOR SHALL USE A WATER SPRAYER TO WET ASBESTOS—CONTAINING MATERIALS INSIDE THE WORK AREA.
- 15. CONTRACTOR SHALL CONSTRUCT A PERSONAL/WASTE DECONTAMINATION ENCLOSURE SYSTEM (P./W.D.E.S.) AS INDICATED. IT SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE STORAGE OF MATERIALS, EQUIPMENT, ETC. .
- 16. SHOWER AND WASTEWATER MUST BE FILTERED AND DISPOSED OF IN THE BUILDING'S SANITARY SYSTEM. REFER TO CONTRACT SPECIFICATIONS.
- 17. IF WATER IS NOT AVAILABLE, THE CONTRACTOR SHALL PROVIDE A 55-GALLON WATER TANK FOR THE DECONTAMINATION UNIT.
- 18. THE CONTRACTOR SHALL UTILIZE GFCI PANEL CONNECTIONS AT THE SOURCE OUTLET WHEN ACCESSING TEMPORARY POWER.
- 19. CONTRACTOR SHALL SUPPLY ALL NECESSARY CONNECTIONS, FASTENERS, FLEXIBLE DUCTS, MANIFOLDS, SUPPORTS, ETC. ANY AND ALL INSTALLATIONS SHALL COMPLY WITH CONTRACT DOCUMENTS AND MANUFACTURER'S REQUIREMENTS.
- 20. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE TEMPORARY WATER AND POWER SOURCES PRIOR TO ABATEMENT ACTIVITIES.
- 21. DEBRIS RESULTING FROM ANY DEMOLITION AND/OR ASBESTOS ABATEMENT ACTIVITIES SHALL BE DISPOSED OF AS ASBESTOS CONTAMINATED WASTE.
- 22. NO WASTE SHALL BE STORED ON SITE OR INSIDE THE DECONTAMINATION UNIT BETWEEN SHIFTS. WASTE SHALL BE DOUBLE BAGGED BEFORE PROCEEDING TO THE CONTAINER AND/OR DECON. BAGS WILL BE MOVED FROM WORK AREAS TO THE WASTE DECON AND SUBSEQUENTLY TO THE CONTAINER IN COVERED CARTS. BAGS WILL BE CARRIED BY HAND ONLY WHEN NECESSARY. ALL WASTE SHALL BE CONTAINERIZED AT THE END OF EACH WORK SHIFT BEFORE RELINQUISHING TO WASTE HAULER.
- 23. CONTRACTOR IS RESPONSIBLE TO COORDINATE AND CONFIRM THE EXACT SCOPE OF WORK FOR EACH PHASE OF ABATEMENT WITH THE GENERAL CONTRACTOR AND OTHER TRADES.
- 24. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, TOOLS, TRANSPORTATION AND ANY OTHER EQUIPMENT REQUIRED AND/OR NECESSARY TO COMPLETE ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS.
- 25. THE LOCATION OF THE PERSONAL/WASTE DECONTAMINATION UNITS, AIRLOCKS, ETC. IS SHOWN FOR REFERENCE PURPOSES. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD.
- 26. ASBESTOS ABATEMENT INDICATED IN THE DRAWING #H002.00 WILL BE DONE IN ACCORDANCE WITH 12 NYCRR PART 56 AND SHALL BE PERFORMED BY A NYS STATE DEPARTMENT OF LABOR LICENSED ASBESTOS CONTRACTOR.

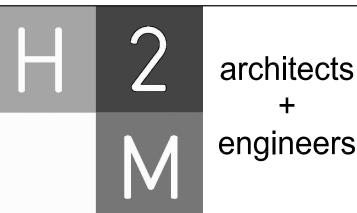
PRE-ABATEMENT WORK NOTES

- 1. THE HAZARDOUS MATERIALS, CONFIGURATIONS, AND LOCATIONS SHOWN IN THESE DRAWINGS ARE BASED ON THE HAZARDOUS MATERIALS TESTING REPORT COMPLETED BY WSP, DATED FEBRUARY 19, 2021.
- 2. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE DISTRICT PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL ESTABLISH, LABEL AND AND MAINTAIN PROPER EXITS AND WAYS OF DEPARTURE WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

POST-ABATEMENT WORK NOTES

- 1. THE CONTRACTOR SHALL, UPON COMPLETION OF REMOVALS, PROVIDE WRITTEN DOCUMENTATION THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL HAZARDOUS MATERIALS.
- 2. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL HAZARDOUS MATERIALS REMOVED FROM THE SITE.

DRAWING	DRAWING NAME
H001.00	ASBESTOS ABATEMENT LOCATIONS - GENERAL NOTES
H002.00	ASBESTOS ABATEMENT LOCATIONS - GIRLS AND BOYS TOILETS FLOOR PLAN 1ST AND 2ND FLOOR
H003.00	ASBESTOS ABATEMENT LOCATIONS - BOYS AND GIRLS TOILETS FLOOR PLAN-1ST AND 3RD FLOOR

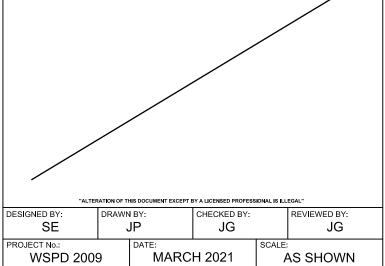


538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 - www.h2m.com

CONSULTANTS: ENVIRONMENTAL CONSULTANT



MARK	DATE	DESCRIPTION



White Plains City School District

Renovations at
Rochambeau Alternative
High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

CONTRAC

CONTRACT G
GENERAL CONSTRUCTION

SED - FINAL BID SET

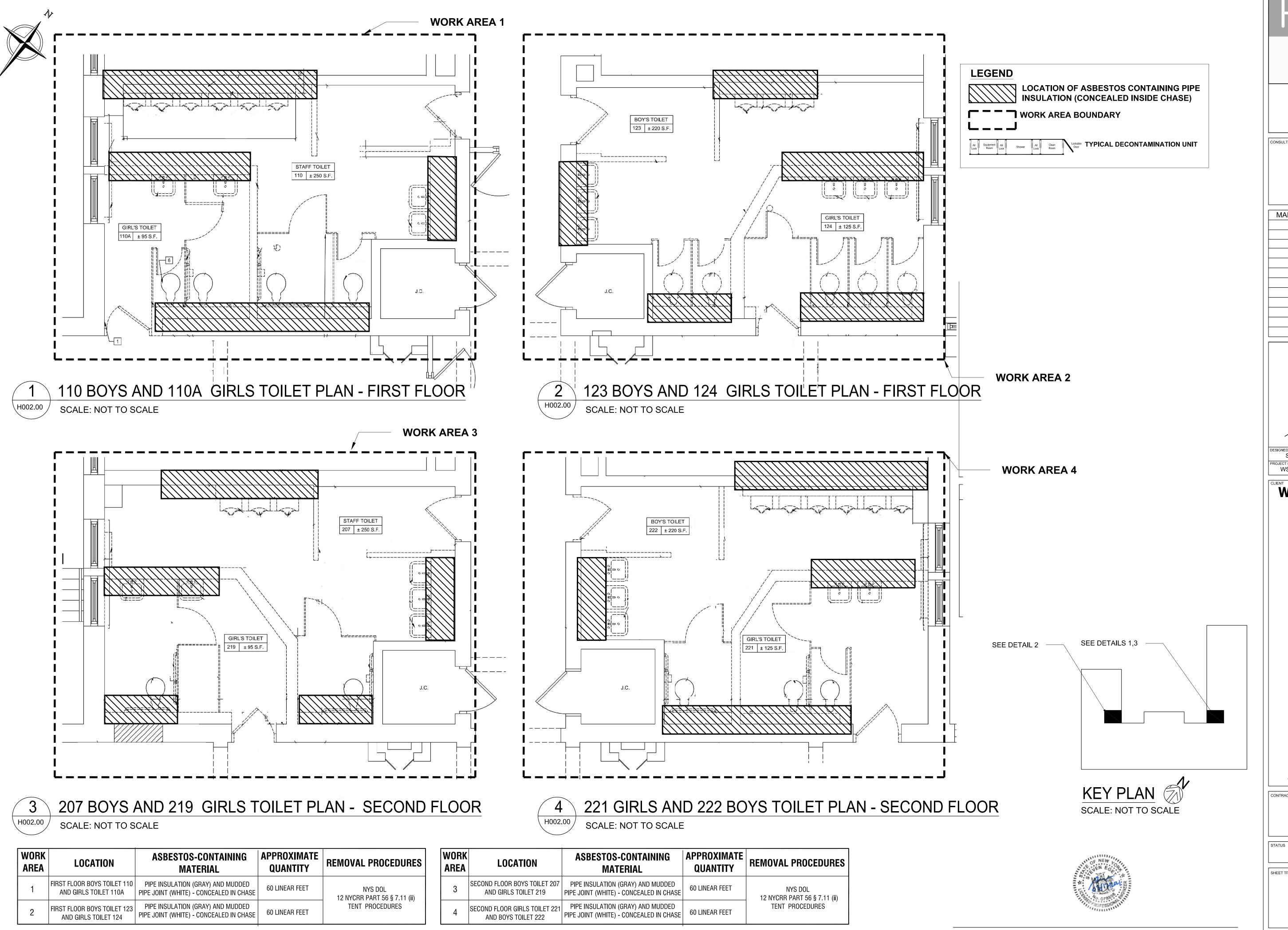
SHEET TIT

ASBESTOS ABATEMENT GENERAL NOTES

H001.00



PROJECT DESIGNER: STEVEN EGET NYS CERT. # 881711



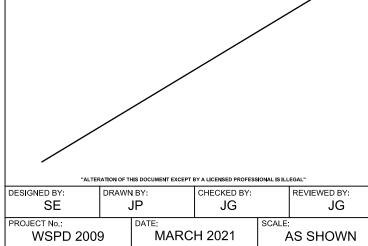
H 2 architects + engineers

538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 • www.h2m.com

CONSULTANTS: ENVIRONMENTAL CONSULTANT

WSP USA SOLUTIONS 500 SUMMIT ROAD, SUITE 450 VALHALLA, NY 10595 TELEPHONE: 914.742.1120

TEELTHONE. STITTES			
MARK	DATE	DESCRIPTION	



White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

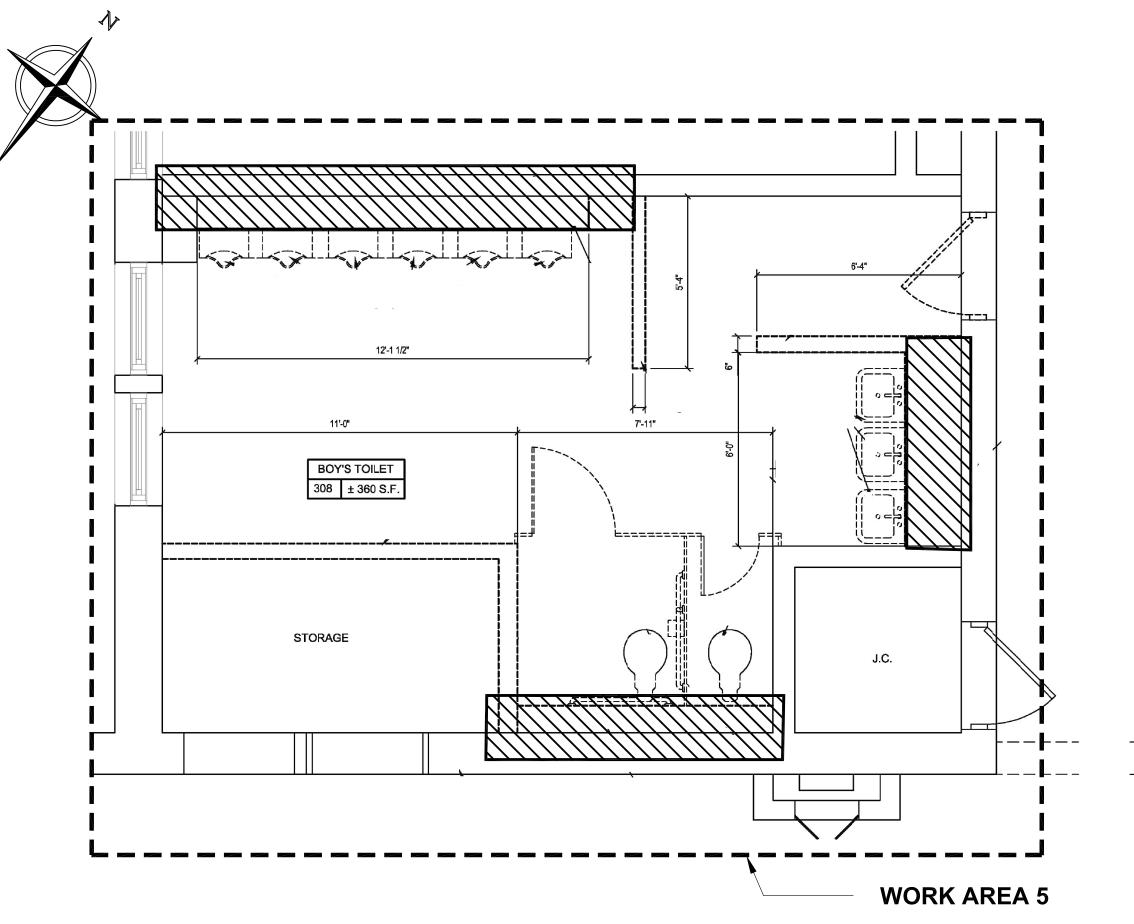
CONTRACT G
GENERAL CONSTRUCTION

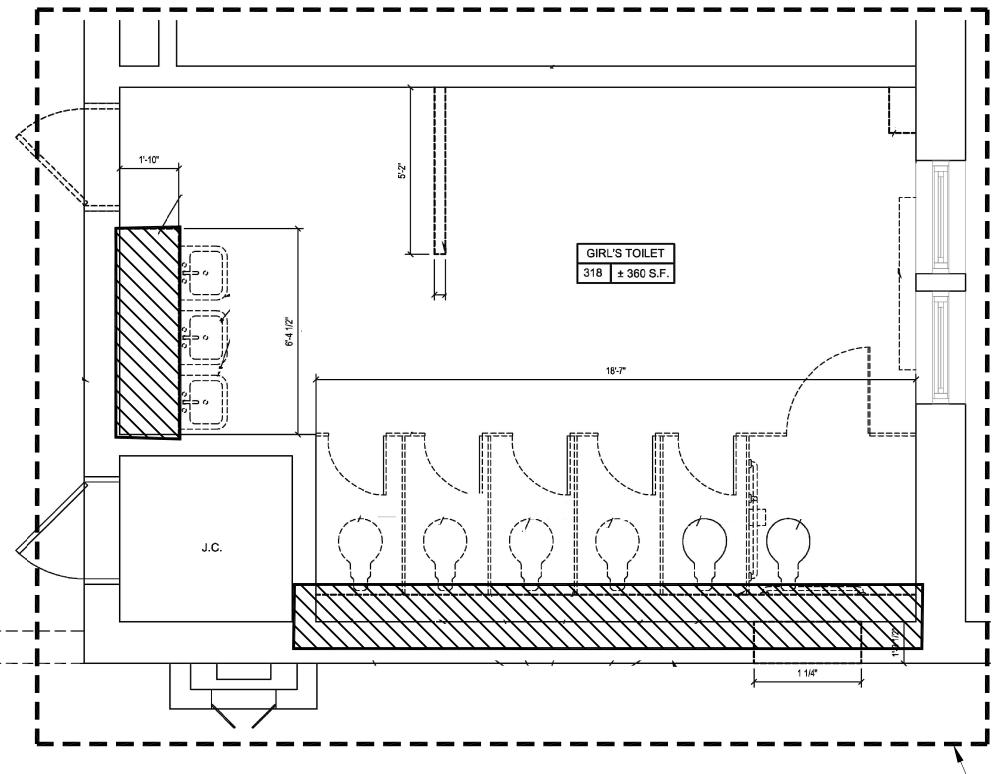
SED - FINAL BID SET

PROJECT DESIGNER: STEVEN EGET NYS CERT. # 881711

ASBESTOS ABATEMENT GIRLS AND BOYS TOILETS FLOOR PLAN 1ST, 2ND FLOOR

H002.00





LOCATION OF ASBESTOS CONTAINING PIPE INSULATION (CONCEALED INSIDE CHASE)

WORK AREA BOUNDARY

Lockable TYPICAL DECONTAMINATION UNIT

WORK AREA 6

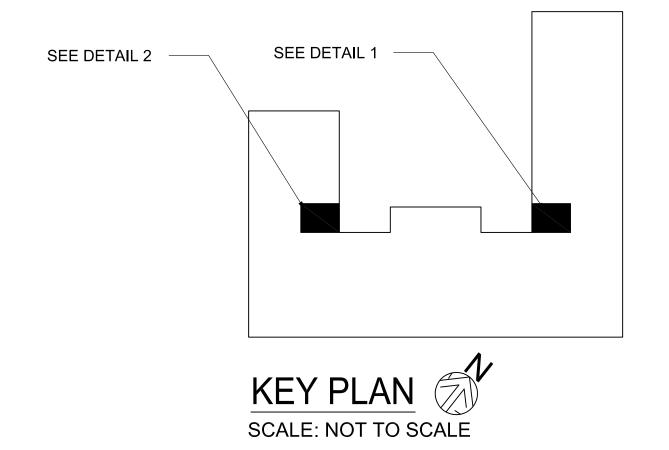
1 308 BOYS TOILET PLAN - THIRD FLOOR

SCALE: NOT TO SCALE



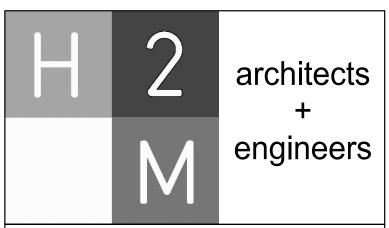
318 GIRLS TOILET PLAN - FIRST FLOOR

WORK AREA	LOCATION	ASBESTOS-CONTAINING MATERIAL	APPROXIMATE QUANTITY	REMOVAL PROCEDURES
5	THIRD FLOOR BOYS TOILET 308 AND GIRLS TOILET 308A	PIPE INSULATION (GRAY) AND MUDDED PIPE JOINT (WHITE) - CONCEALED IN CHASE	60 LINEAR FEET	NYS DOL 12 NYCRR PART 56 § 7.11 (ii)
6 THIRD FLOOR GIRLS TOILET 31		PIPE INSULATION (GRAY) AND MUDDED PIPE JOINT (WHITE) - CONCEALED IN CHASE	60 LINEAR FEET	TENT PROCEDURES





PROJECT DESIGNER: STEVEN EGET NYS CERT. # 881711

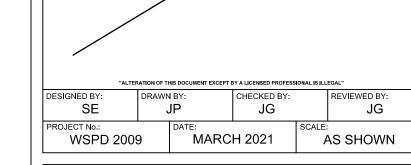


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CONSULTANTS: ENVIRONMENTAL CONSULTANT

WSP USA SOLUTIONS 500 SUMMIT ROAD, SUITE 450 VALHALLA, NY 10595 TELEPHONE: 914.742.1120

MARK DATE DESCRIPTION



White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

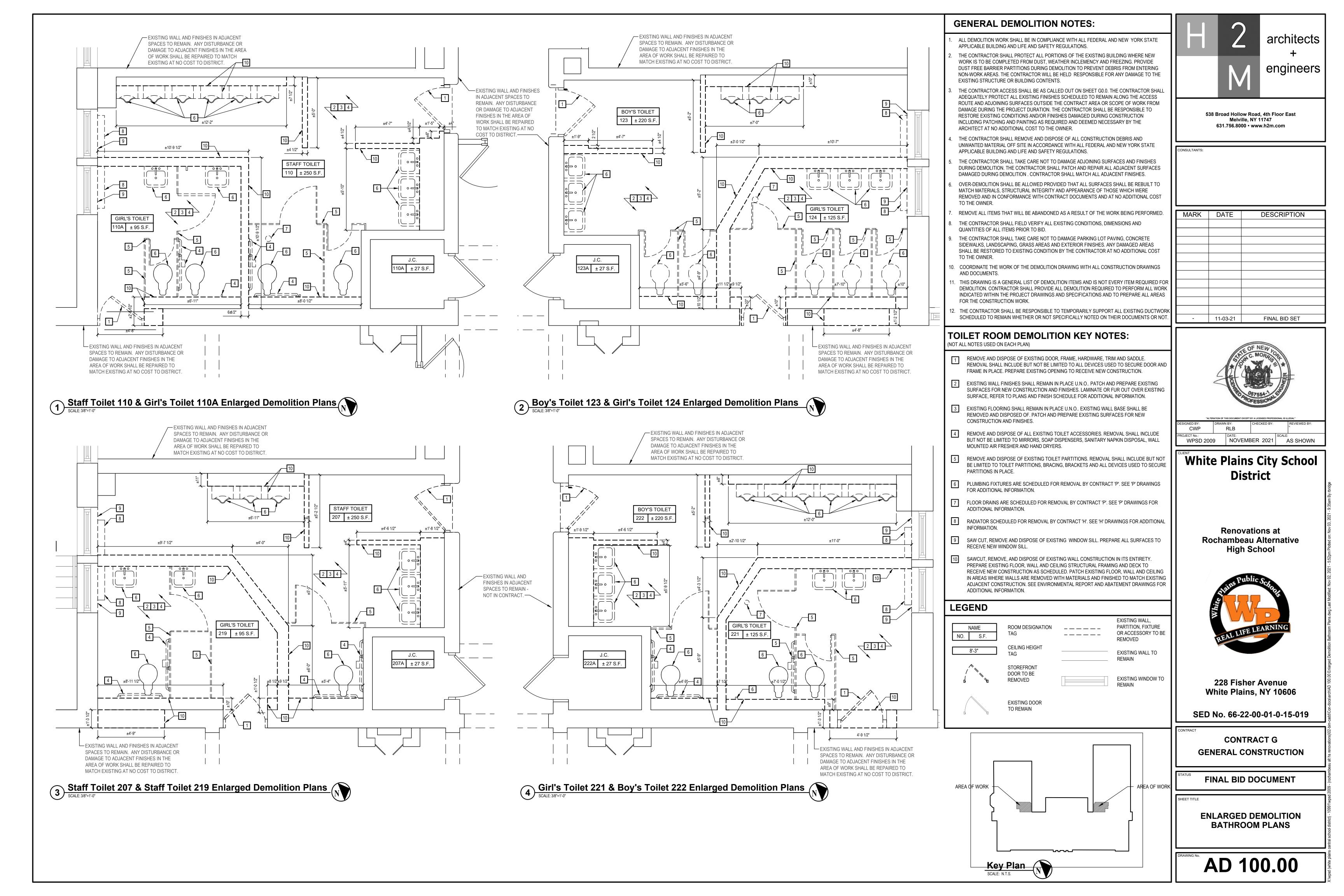
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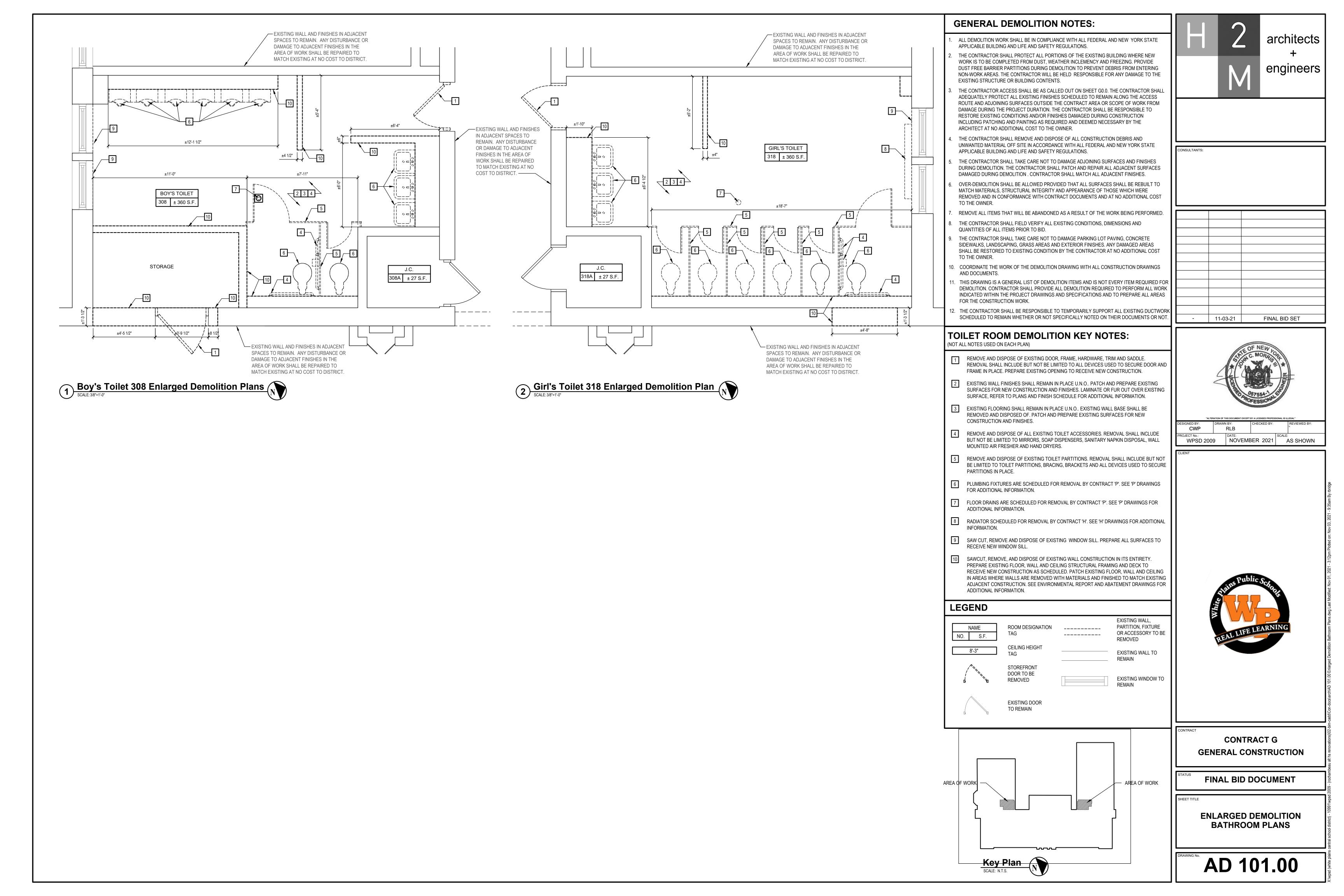
CONTRACT G
GENERAL CONSTRUCTION

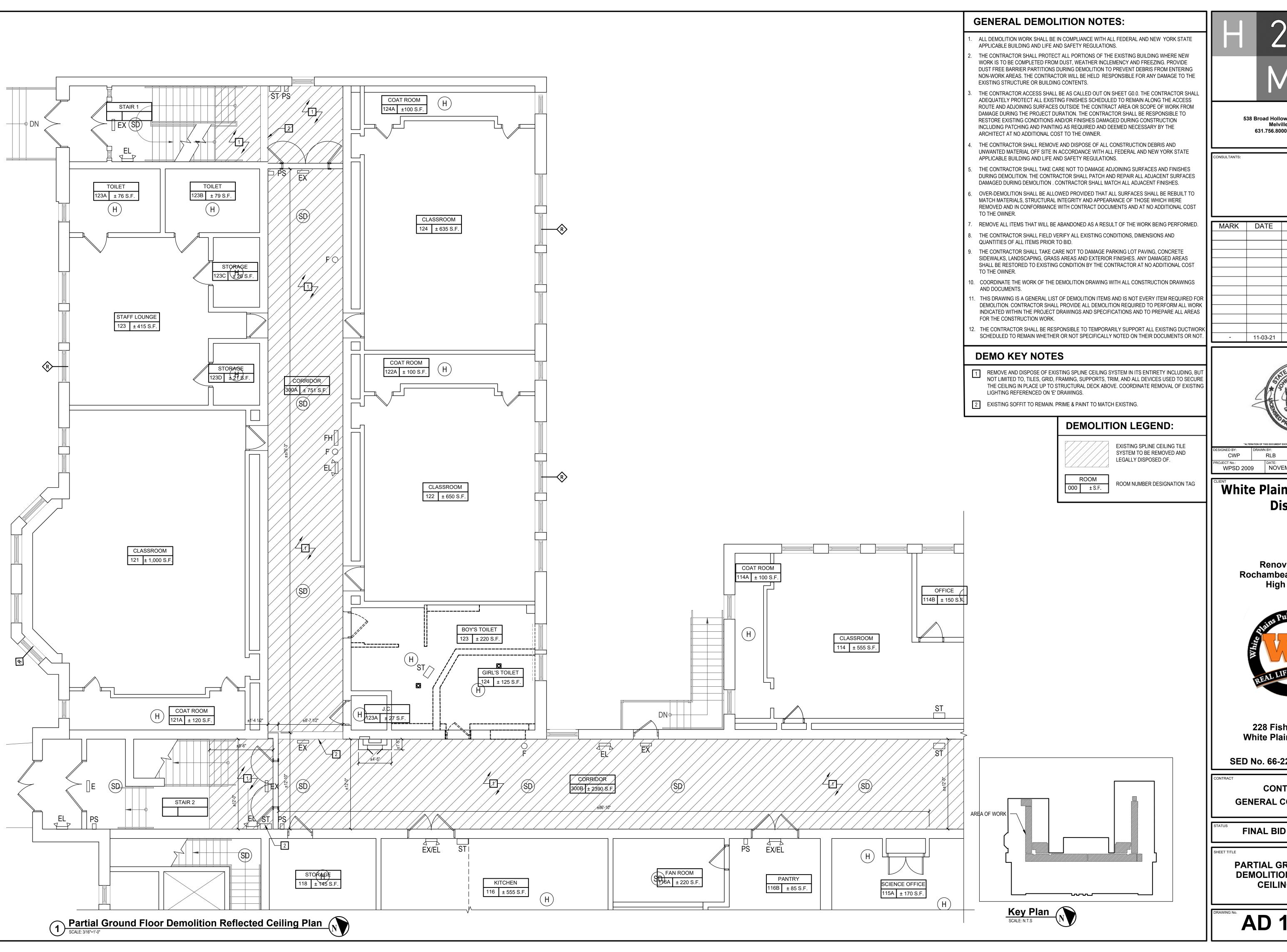
SED - FINAL BID SET

ASBESTOS ABATEMENT BOYS AND GIRLS TOILETS FLOOR PLAN 1ST AND 3RD FLOOR

H003.00

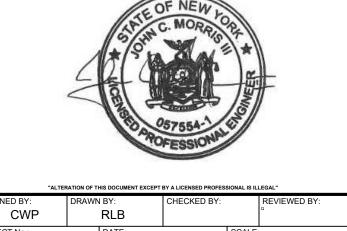






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		,
-	11-03-21	FINAL BID SET



NOVEMBER 2021 AS SHOWN

White Plains City School District

Renovations at **Rochambeau Alternative High School**



228 Fisher Avenue White Plains, NY 10606

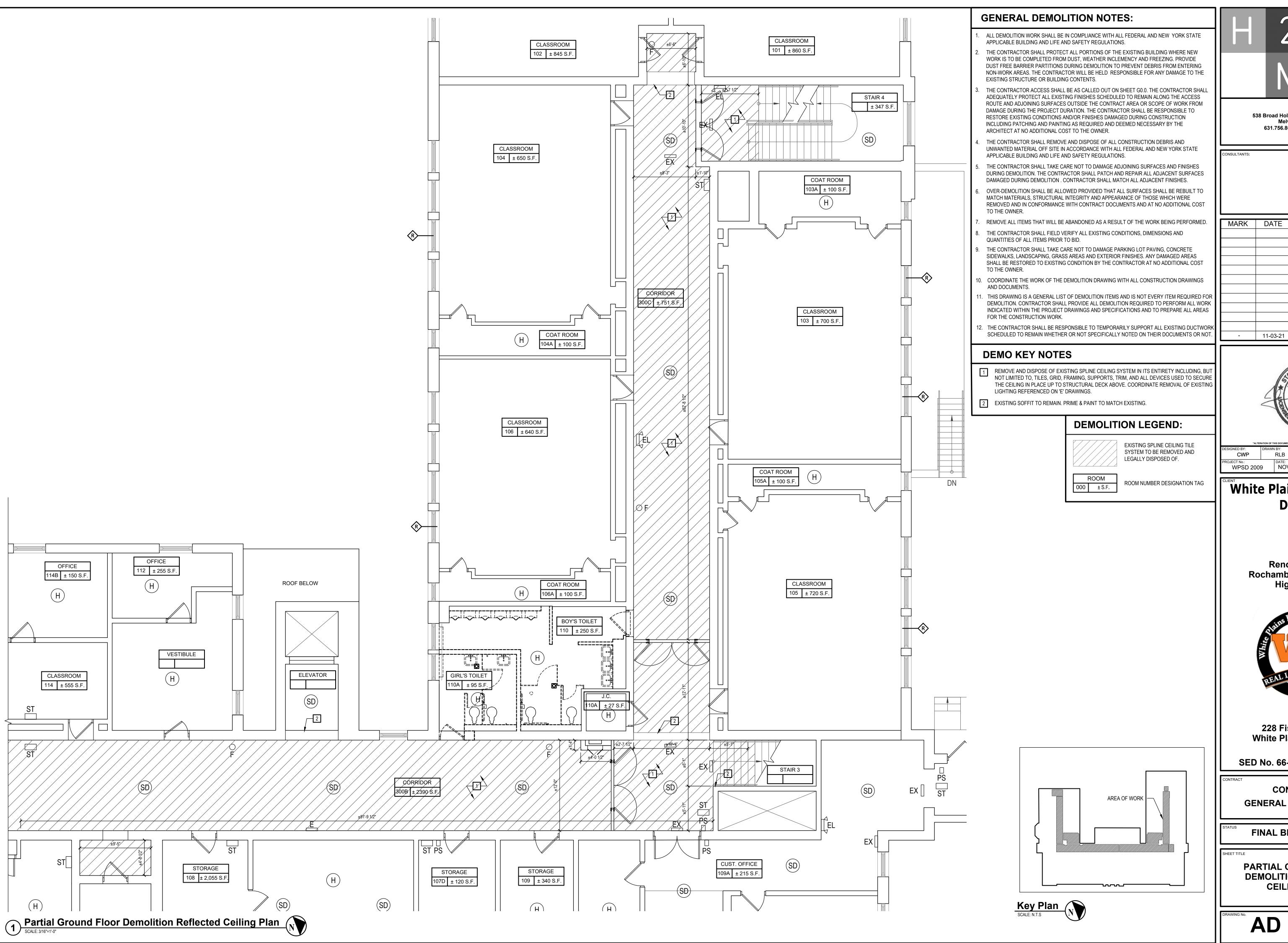
SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

PARTIAL GROUND FLOOR **DEMOLITION REFLECTED CEILING PLANS**

AD 120.00



engineers

538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 • www.h2m.com

DESCRIPTION

-	11-03-21	FINAL BID SET



RLB NOVEMBER 2021 AS SHOWN WPSD 2009

White Plains City School District

Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

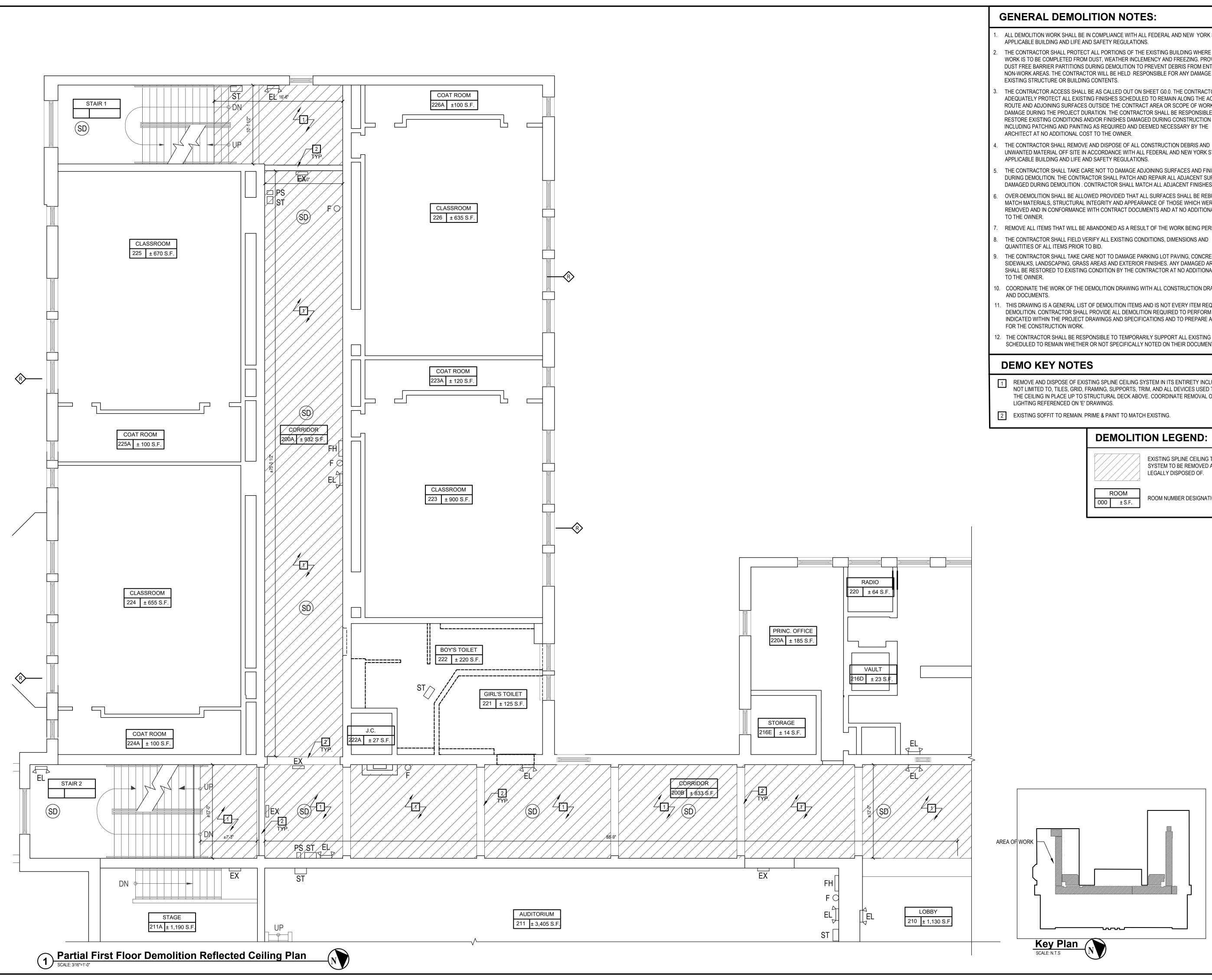
SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

PARTIAL GROUND FLOOR **DEMOLITION REFLECTED CEILING PLANS**

AD 121.00



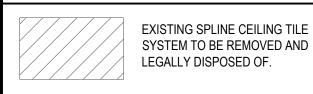
GENERAL DEMOLITION NOTES:

- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
- THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE EXISTING BUILDING WHERE NEW WORK IS TO BE COMPLETED FROM DUST, WEATHER INCLEMENCY AND FREEZING. PROVIDE DUST FREE BARRIER PARTITIONS DURING DEMOLITION TO PREVENT DEBRIS FROM ENTERING NON-WORK AREAS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STRUCTURE OR BUILDING CONTENTS.
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DEMO KEY NOTES

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- 2 EXISTING SOFFIT TO REMAIN. PRIME & PAINT TO MATCH EXISTING.

DEMOLITION LEGEND:



000 ± S.F.

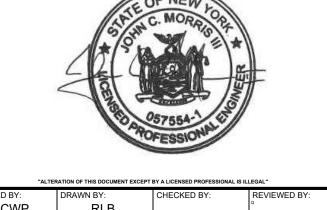
ROOM NUMBER DESIGNATION TAG



MARK DATE

538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 • www.h2m.com

-	11-03-21	FINAL BID SET



RLB NOVEMBER 2021 | AS SHOWN

White Plains City School District

Renovations at **Rochambeau Alternative High School**



228 Fisher Avenue White Plains, NY 10606

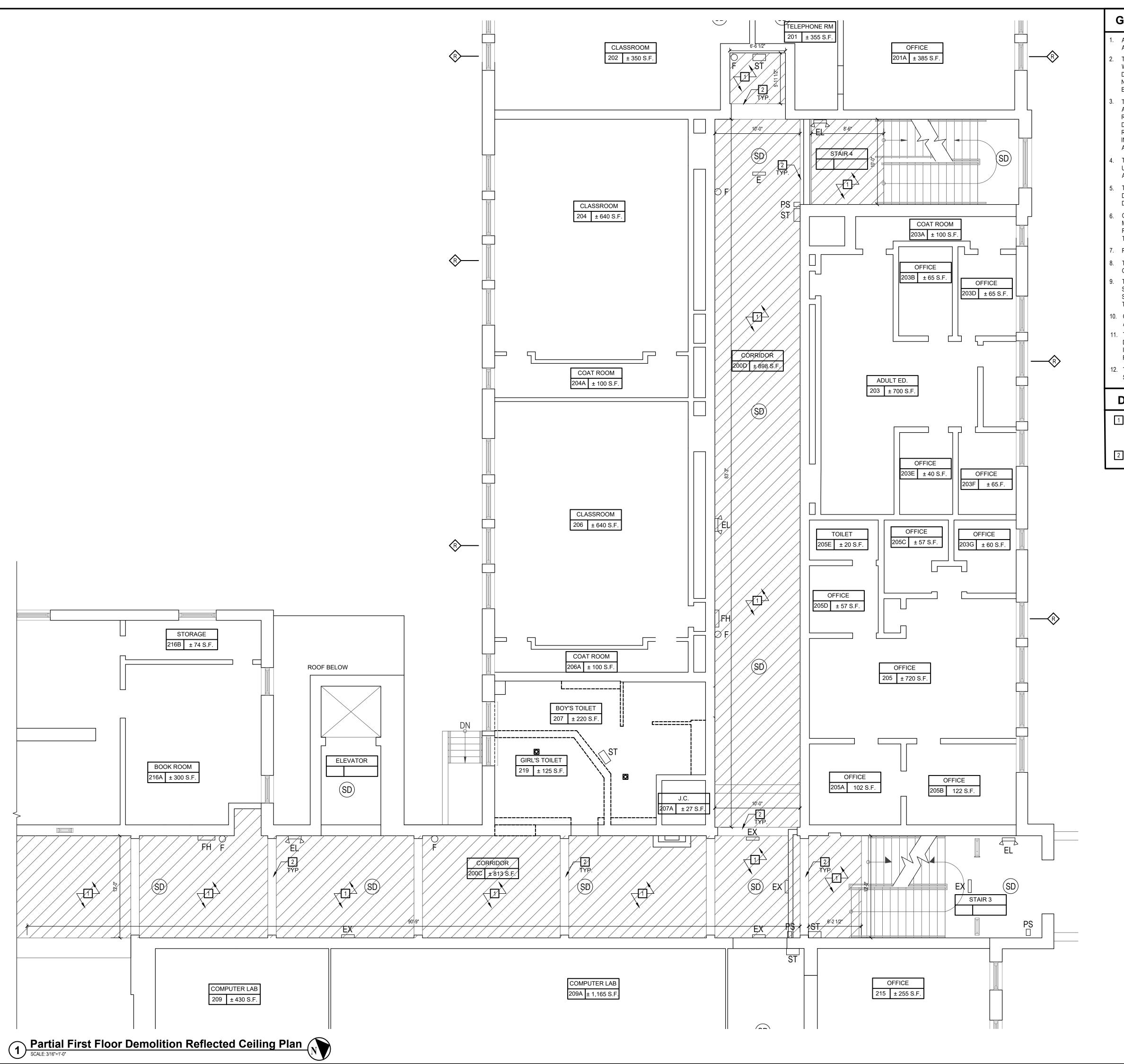
SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

PARTIAL FIRST FLOOR **DEMOLITION REFLECTED CEILING PLAN**

AD 122.00



GENERAL DEMOLITION NOTES:

- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
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DEMO KEY NOTES

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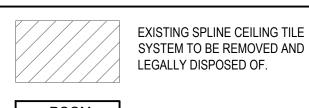
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AREA OF WORK

Key Plan
SCALE: N.T.S

2 EXISTING SOFFIT TO REMAIN. PRIME & PAINT TO MATCH EXISTING.

DEMOLITION LEGEND:



ROOM NUMBER DESIGNATION TAG



MARK DATE

538 Broad Hollow Road, 4th Floor East

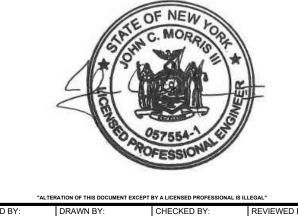
ONSULTANTS:

DESCRIPTION

Melville, NY 11747

631.756.8000 • www.h2m.com

-	11-03-21	FINAL BID SET



 DESIGNED BY:
 DRAWN BY:
 CHECKED BY:
 REVIEWED BY:

 CWP
 RLB
 CHECKED BY:
 REVIEWED BY:

 PROJECT No.:
 DATE:
 SCALE:
 AS SHOWN

White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

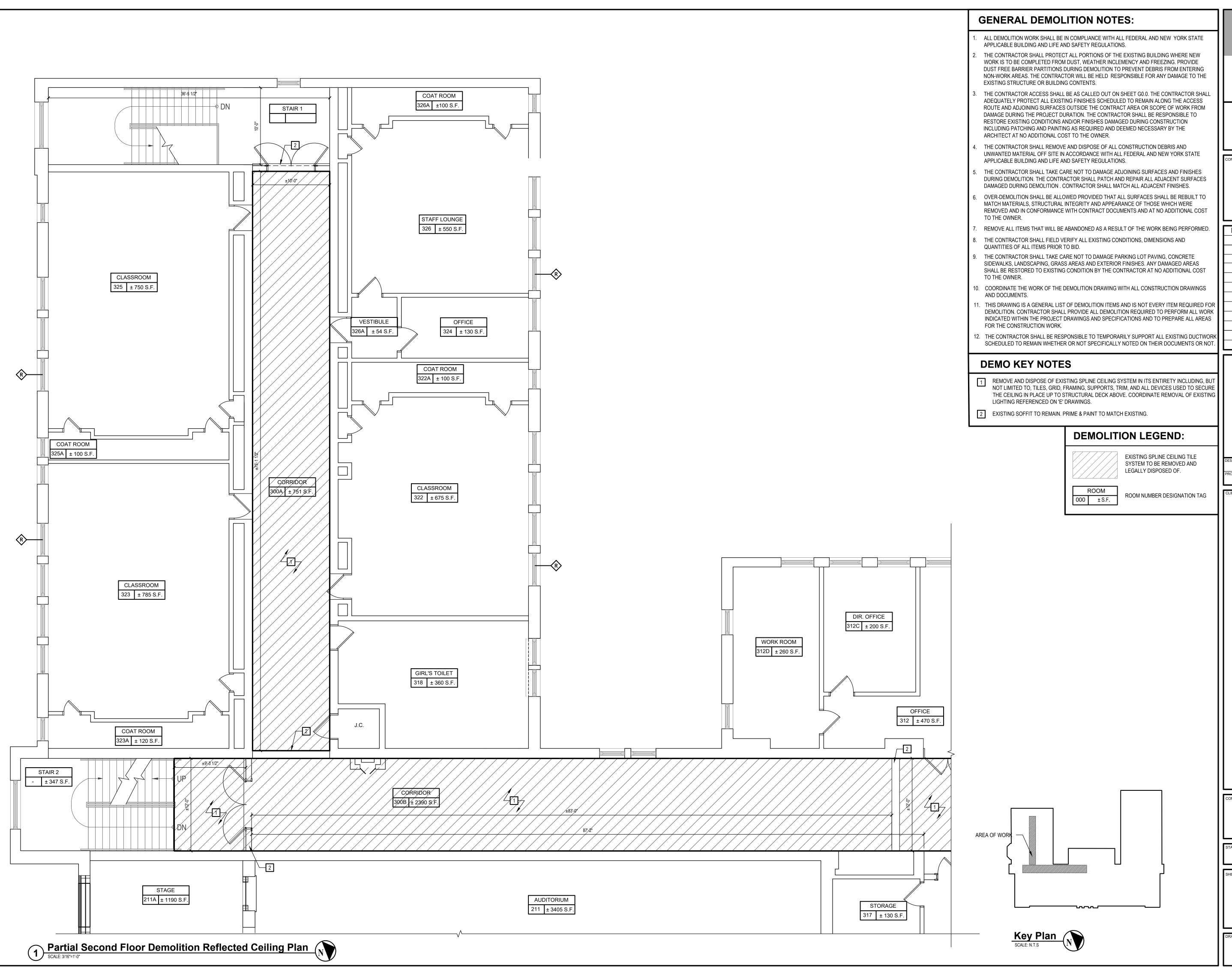
CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

SHEET TITLE

PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN

AD 123.00



H 2

architect + engineer

DESCRIPTION

538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 - www.h2m.com

-	11-03-21	FINAL BID SET



DESIGNED BY:

CWP

RLB

PROJECT No.:

WPSD 2009

DATE:

NOVEMBER 2021

AS SHOWN

White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

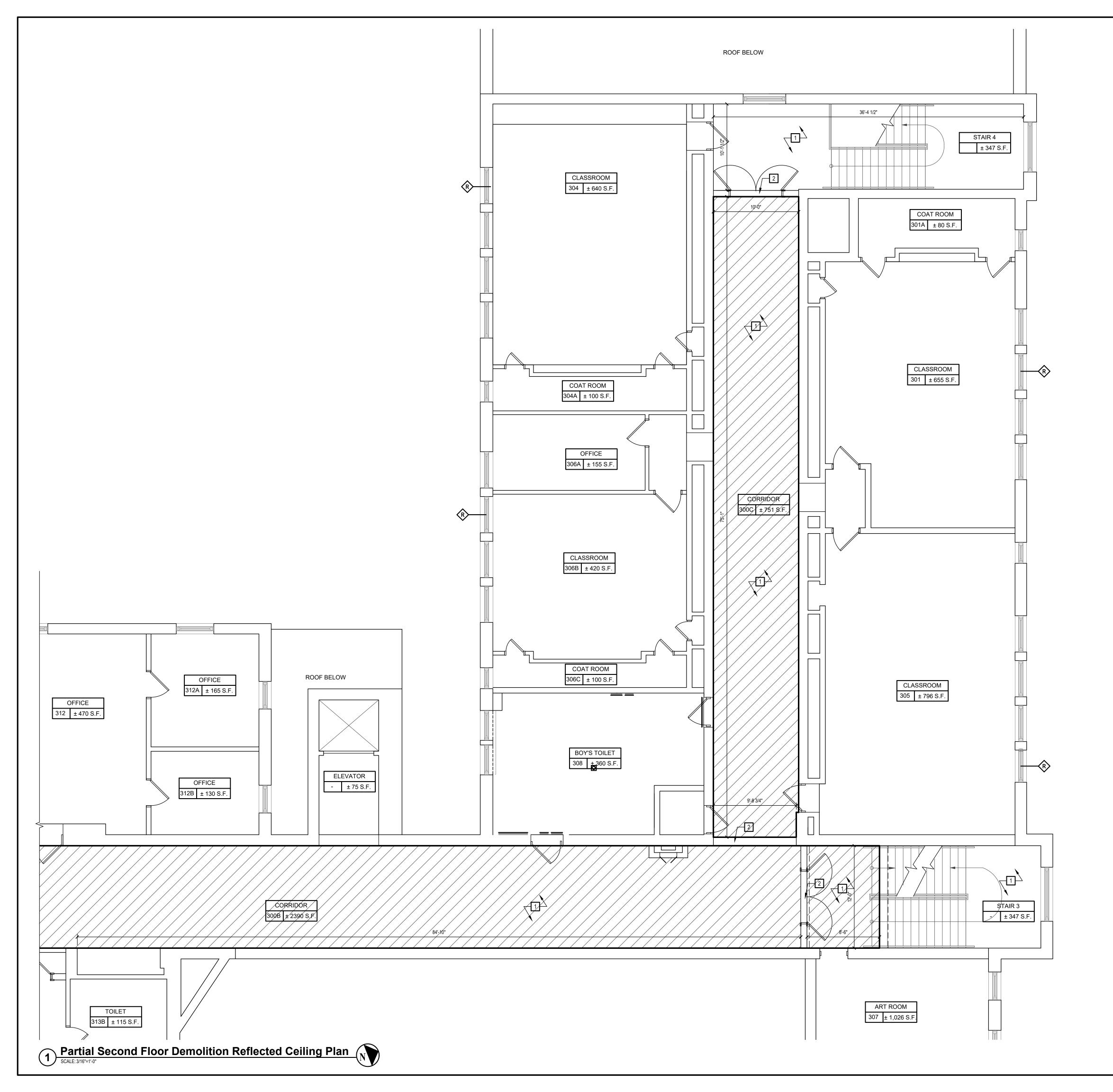
CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

HEET TITLE

PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN

AD 124.00



GENERAL DEMOLITION NOTES:

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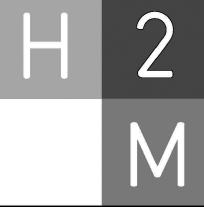
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2 EXISTING SOFFIT TO REMAIN. PRIME & PAINT TO MATCH EXISTING.

DEMOLITION LEGEND:



ROOM NUMBER DESIGNATION TAG



MARK DATE

538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 • www.h2m.com

engineers

DESCRIPTION

NSULTANTS:

-	11-03-21	FINAL BID SET



DESIGNED BY:
CWP
RLB

PROJECT No.:
WPSD 2009

DRAWN BY:
REVIEWED BY:
OF A CHECKED BY:
OF A

White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

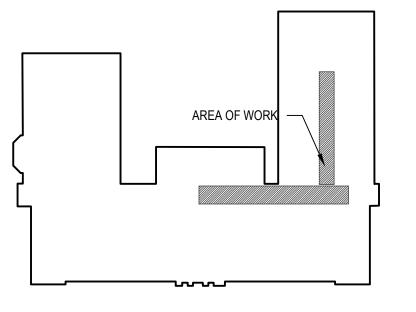
CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

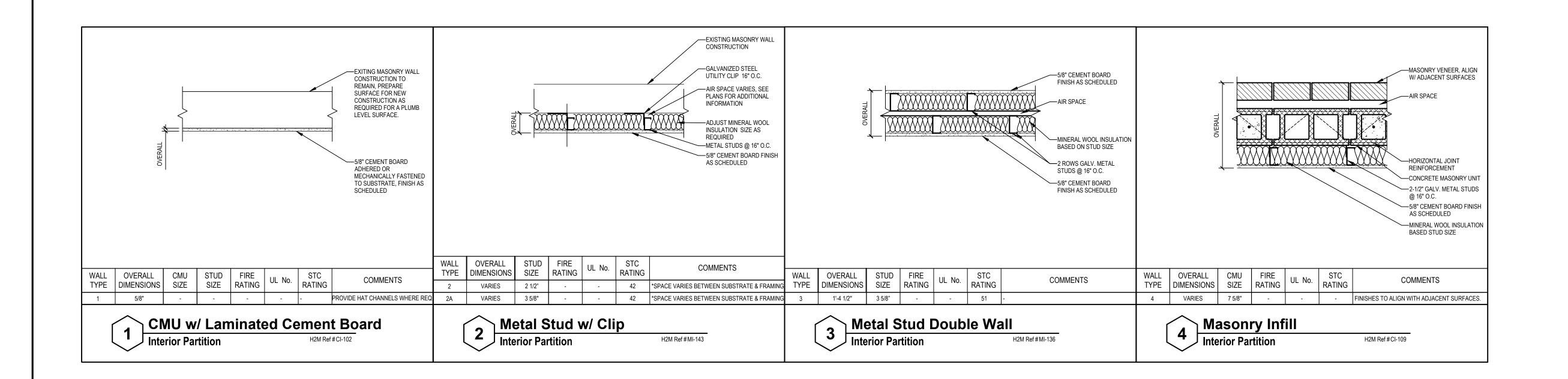
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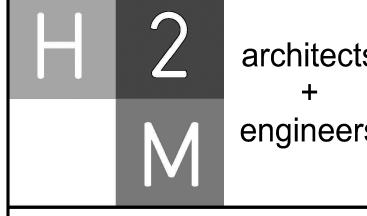
PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN

AD 125.00





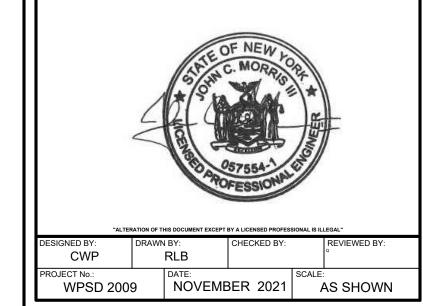




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White Plains City School District

Renovations at Rochambeau Alternative High School



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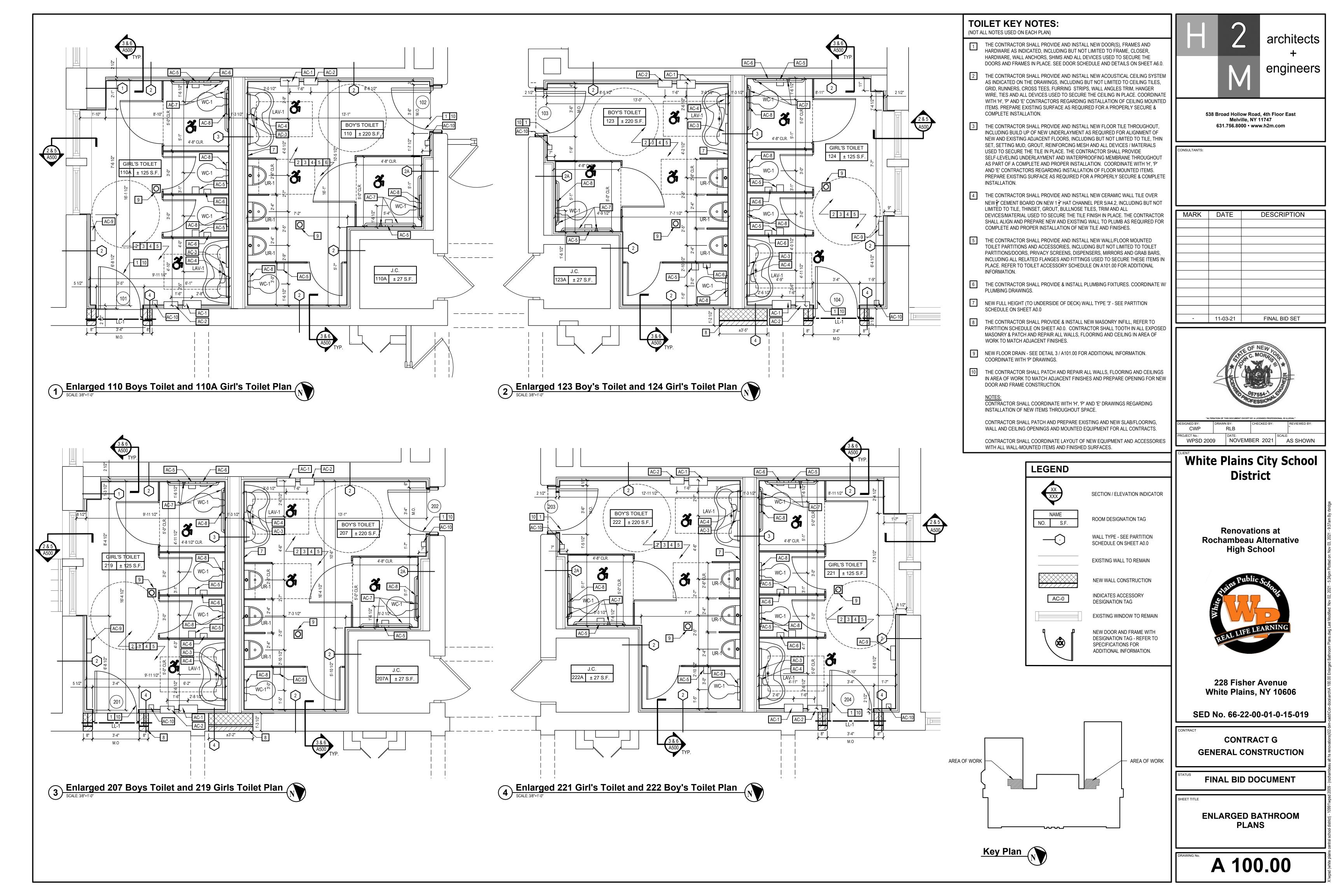
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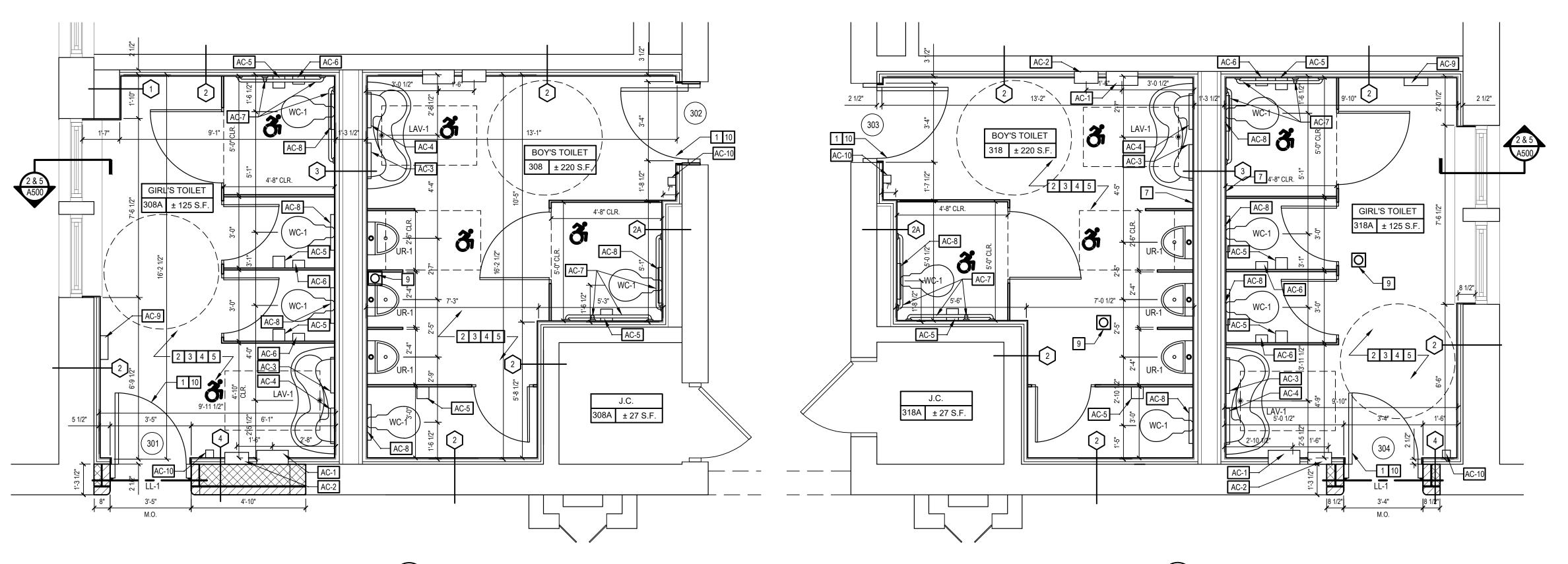
FINAL BID DOCUMENT

SHEET TI

WALL PARTITION TYPES

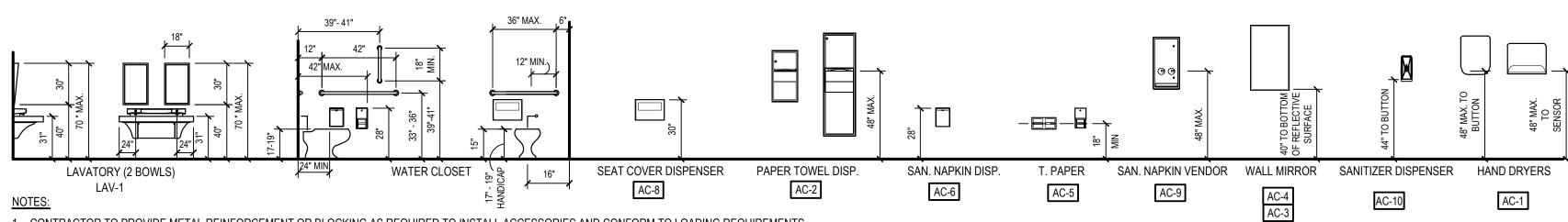
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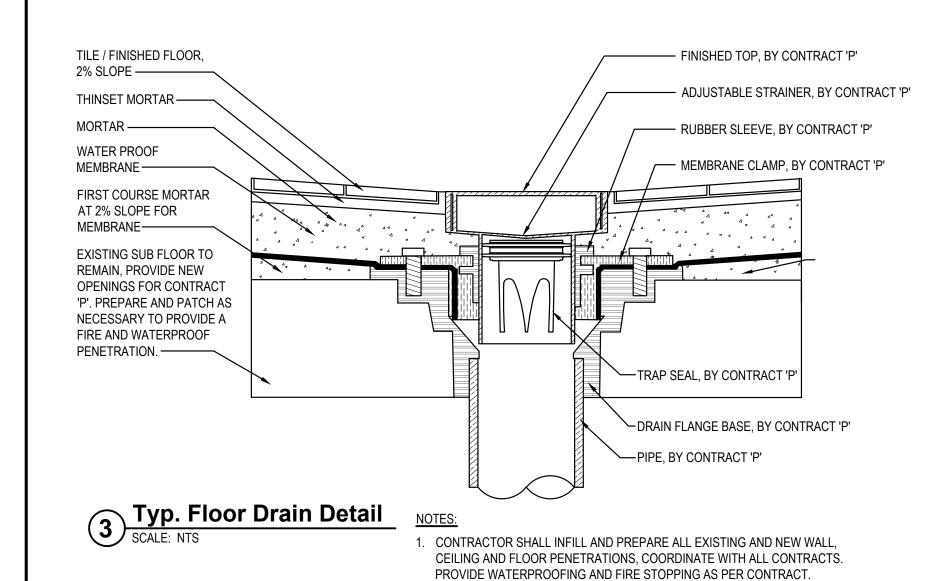


Enlarged 308 Boy's Toilet and 308A Girl's Toilet





- 1. CONTRACTOR TO PROVIDE METAL REINFORCEMENT OR BLOCKING AS REQUIRED TO INSTALL ACCESSORIES AND CONFORM TO LOADING REQUIREMENTS.
- 2. INSULATE DRAINAGE AND SUPPLY PIPES BELOW ALL SINKS (TYP.) MATERIALS PROVIDED BY GENERAL CONSTRUCTION CONTRACTOR, INSTALLED BY PLUMBING CONTRACTOR.



LINTEL SCHEDULE							
MARK	SIZE	DETAILS	COMMENTS				
LL-1	(3) L4" x 3 1/2"x 5/16" (LLV) . W/ PL 3/16" x 15 1/2" x M.O.	4	NOTES 1-4				

1. LINTEL LENGTH SHALL BE M.O. + 1'-4" TO PROVIDE MIN. BEARING OF 8" ONTO SOLID MASONRY ON EACH SIDE, UNLESS OTHERWISE INDICATED. 2. DOUBLE ANGLE SECTIONS LOCATED DIRECTLY BELOW 8" CMU SHALL BE WELDED

TOGETHER BACK-BACK. 3. WELD VERTICAL REINFORCEMENT INTERRUPTED BY MASONRY OPENINGS TO TOP

OF THE STEEL LINTELS, TYPICAL. 4. SEE FLOOR PLAN FOR MASONRY LAYOUT AND LOCATIONS OF LINTELS.

PLUMBING FIXTURE SCHEDULE

FIXTURE No.	DESCRIPTION
LAV-1	GROUP LAVATORY (HC/ADA FIXTURE)
WC-1	WATER CLOSET (HC/ADA FIXTURE)
UR-1	URINAL (HC/ADA FIXTURE)

TOILET KEY NOTES:

(NOT ALL NOTES USED ON EACH PLAN)

- THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW DOOR(S), FRAMES AND HARDWARE AS INDICATED, INCLUDING BUT NOT LIMITED TO FRAME, CLOSER, HARDWARE, WALL ANCHORS, SHIMS AND ALL DEVICES USED TO SECURE THE DOORS AND FRAMES IN PLACE. SEE DOOR SCHEDULE AND DETAILS ON SHEET A6.0.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW ACOUSTICAL CEILING SYSTEM AS INDICATED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO CEILING TILES, GRID, RUNNERS, CROSS TEES, FURRING STRIPS, WALL ANGLES TRIM, HANGER WIRE, TIES AND ALL DEVICES USED TO SECURE THE CEILING IN PLACE. COORDINATE WITH 'H', 'P' AND 'E' CONTRACTORS REGARDING INSTALLATION OF CEILING MOUNTED ITEMS. PREPARE EXISTING SURFACE AS REQUIRED FOR A PROPERLY SECURE & COMPLETE INSTALLATION.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW FLOOR TILE THROUGHOUT, INCLUDING BUILD UP OF NEW UNDERLAYMENT AS REQUIRED FOR ALIGNMENT OF NEW AND EXISTING ADJACENT FLOORS, INCLUDING BUT NOT LIMITED TO TILE, THIN SET, SETTING MUD, GROUT, REINFORCING MESH AND ALL DEVICES / MATERIALS USED TO SECURE THE TILE IN PLACE. THE CONTRACTOR SHALL PROVIDE SELF-LEVELING UNDERLAYMENT AND WATERPROOFING MEMBRANE THROUGHOUT AS PART OF A COMPLETE AND PROPER INSTALLATION. COORDINATE WITH 'H', 'P' AND 'E' CONTRACTORS REGARDING INSTALLATION OF FLOOR MOUNTED ITEMS. PREPARE EXISTING SURFACE AS REQUIRED FOR A PROPERLY SECURE & COMPLETE INSTALLATION.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW CERAMIC WALL TILE OVER NEW 5 CEMENT BOARD ON NEW 1 1 HAT CHANNEL PER 5/A4.2, INCLUDING BUT NOT LIMITED TO TILE, THINSET, GROUT, BULLNOSE TILES, TRIM AND ALL DEVICES/MATERIAL USED TO SECURE THE TILE FINISH IN PLACE. THE CONTRACTOR SHALL ALIGN AND PREPARE NEW AND EXISTING WALL TO PLUMB AS REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF NEW TILE AND FINISHES.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW WALL/FLOOR MOUNTED TOILET PARTITIONS AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO TOILET PARTITIONS/DOORS, PRIVACY SCREENS, DISPENSERS, MIRRORS AND GRAB BARS, INCLUDING ALL RELATED FLANGES AND FITTINGS USED TO SECURE THESE ITEMS IN PLACE. REFER TO TOILET ACCESSORY SCHEDULE ON A101.00 FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL PROVIDE & INSTALL PLUMBING FIXTURES. COORDINATE W/ PLUMBING DRAWINGS.
- 7 NEW FULL HEIGHT (TO UNDERSIDE OF DECK) WALL TYPE '3' SEE PARTITION SCHEDULE ON SHEET A000.00
- THE CONTRACTOR SHALL PROVIDE & INSTALL NEW MASONRY INFILL, REFER TO PARTITION SCHEDULE ON SHEET A0.0. CONTRACTOR SHALL TOOTH IN ALL EXPOSED MASONRY & PATCH AND REPAIR ALL WALLS, FLOORING AND CEILING IN AREA OF WORK TO MATCH ADJACENT FINISHES.
- 9 NEW FLOOR DRAIN SEE DETAIL 3 / A101.00 FOR ADDITIONAL INFORMATION. COORDINATE WITH 'P' DRAWINGS.
- THE CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, FLOORING AND CEILINGS IN AREA OF WORK TO MATCH ADJACENT FINISHES AND PREPARE OPENING FOR NEW DOOR AND FRAME CONSTRUCTION.

NOTES:
CONTRACTOR SHALL COORDINATE WITH 'H', 'P' AND 'E' DRAWINGS REGARDING INSTALLATION OF NEW ITEMS THROUGHOUT SPACE.

CONTRACTOR SHALL PATCH AND PREPARE EXISTING AND NEW SLAB/FLOORING, WALL AND CEILING OPENINGS AND MOUNTED EQUIPMENT FOR ALL CONTRACTS.

CONTRACTOR SHALL COORDINATE LAYOUT OF NEW EQUIPMENT AND ACCESSORIES WITH ALL WALL-MOUNTED ITEMS AND FINISHED SURFACES.

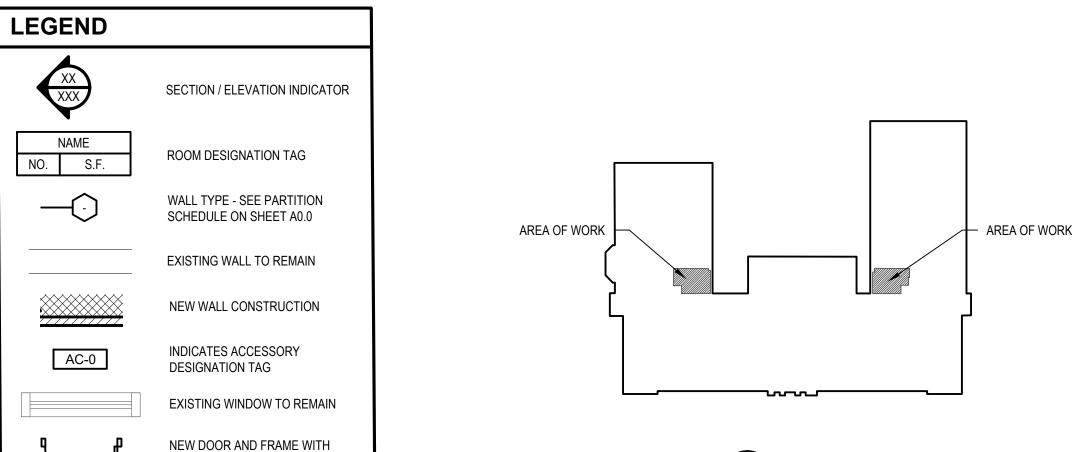
то	ILET ACCESSORY SCHEDULE	10 28 13
MARK	DESCRIPTION	COMMENTS
AC-1	RECESSED ELECTRIC HAND DRYER	PROVIDE ONE (1) UNIT FOR EACH TOILET ROOM. ELEC. VERIFY AND PROVIDE WALL RECESS REQUIRED. CONNECTION BY ELEC. CONTRACTOR
AC-2	RECESSED COMBINATION PAPER TOWEL DISPENSER AND WASTE RECEPTACLE	PROVIDE ONE (1) UNIT FOR EACH TOILET ROOM.
AC-3	FRAMELESS STAINLESS STEEL MIRROR 17 1/2" x 29 1/2"	PROVIDE ONE (1) UNIT EACH BRADLEY SINK AND ONE (1) UNIT FOR EACH NON-ADA SINGLE OCCUPANT SINK
AC-4	FRAMELESS STAINLESS STEEL ADA MIRROR 17 1/2" x 29 1/2"	PROVIDE ONE (1) UNIT FOR EACH BRADLEY SINK AND ONE (1) UNIT FOR EACH ADA SINGLE OCCUPANT SINK
AC-5	SURFACE MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER	PROVIDE ONE (1) UNIT FOR EACH TOILET STALL
AC-6	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	PROVIDE ONE (1) UNIT FOR EACH FEMALE TOILET STALL
AC-7	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS 36" LONG, 42" LONG, 18" HIGH	PROVIDE ONE (1) OF EACH UNIT FOR EACH ACCESSIBLE TOILET
AC-8	STAINLESS STEEL SEAT COVER DISPENSER	PROVIDE ONE (1) OF EACH UNIT FOR EACH TOILET
AC-9	STAINLESS STEEL SANITARY NAPKIN DISPENSER	PROVIDE ONE (1) OF EACH UNIT FOR EACH WOMEN'S TOILET ROOM
AC-10	STAINLESS STEEL HAND SANITIZER DISPENSER	PROVIDE ONE (1) OF EACH UNIT FOR EACH TOILET

- 1. SEE SPECIFICATIONS FOR MANUFACTURER, MODEL NUMBERS, WALL RECESSES AND ELECTRICAL CHARACTERISTICS.
- 2. CONTRACTOR TO COORDINATE AND VERIFY ELECTRICAL PROVISIONS BY ELECTRICAL CONTRACTOR. 3. PROVIDE TWO (2) CHILD STEP STOOLS PER TOILET ROOM.

DESIGNATION TAG - REFER TO

ADDITIONAL INFORMATION.

SPECIFICATIONS FOR





engineers

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1	MARK	DATE	DESCRIPTION
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1	-	11-03-21	FINAL BID SET



NOVEMBER 2021 AS SHOWN WPSD 2009

White Plains City School District

Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

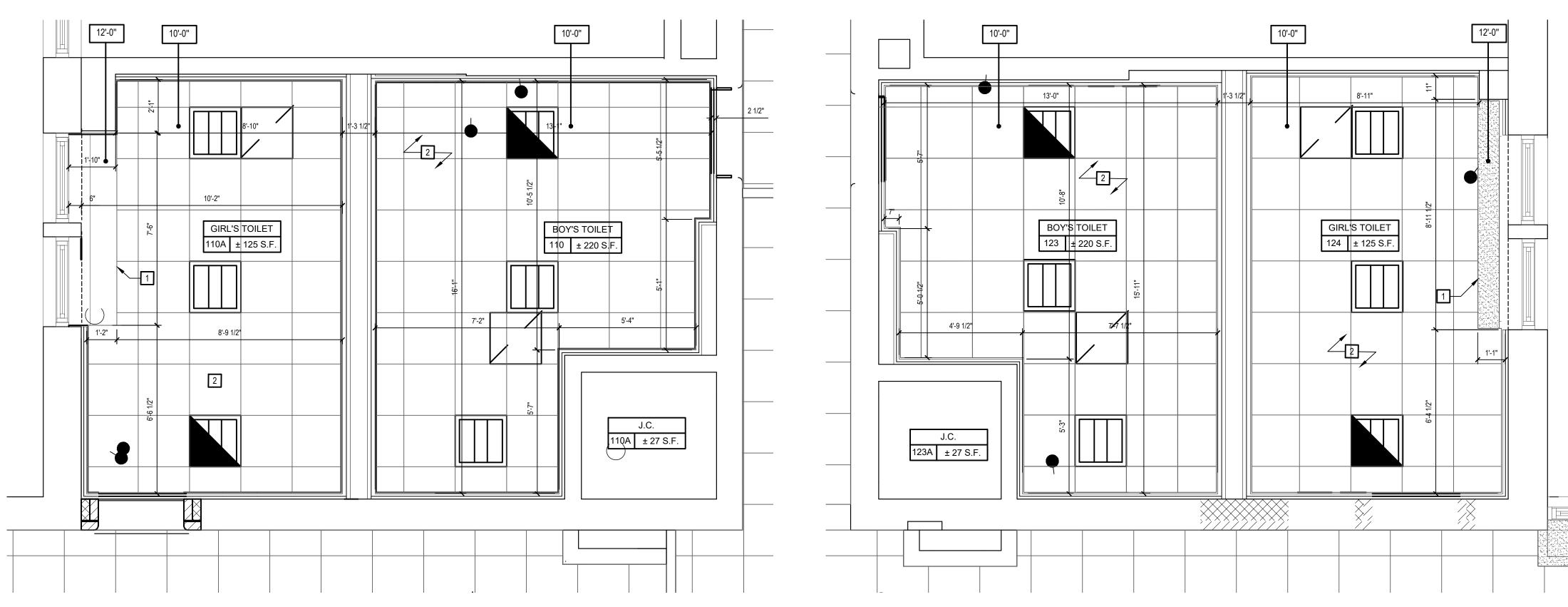
SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

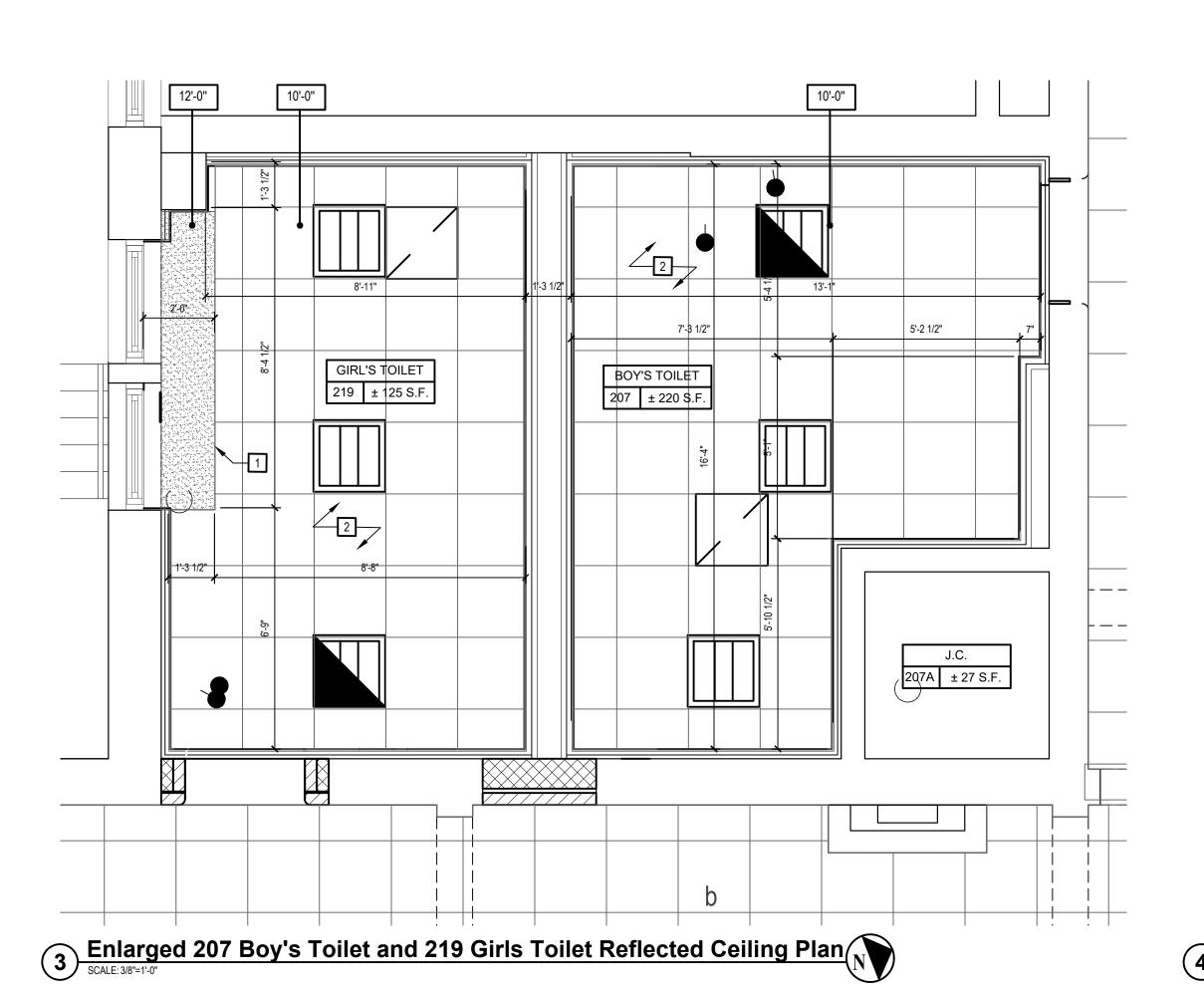
FINAL BID DOCUMENT

ENLARGED BATHROOM PLANS

A 101.00

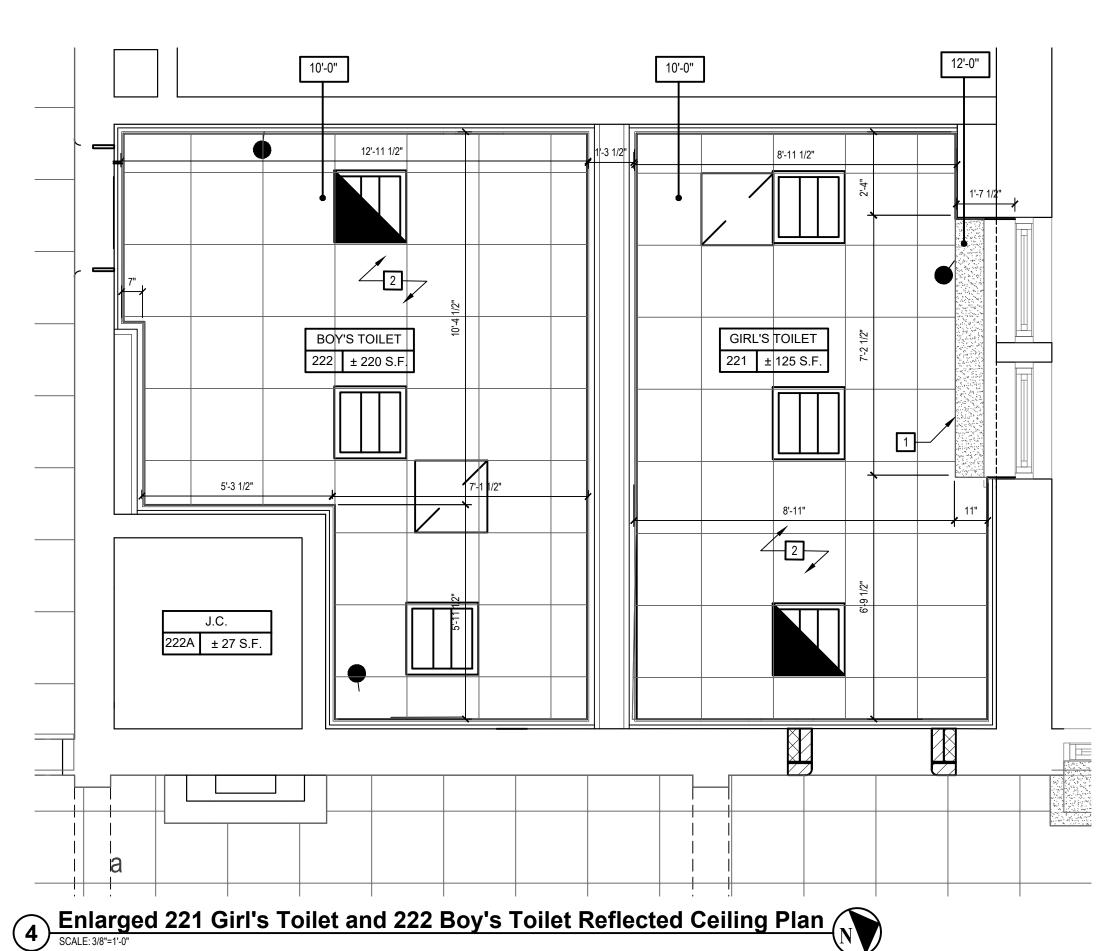


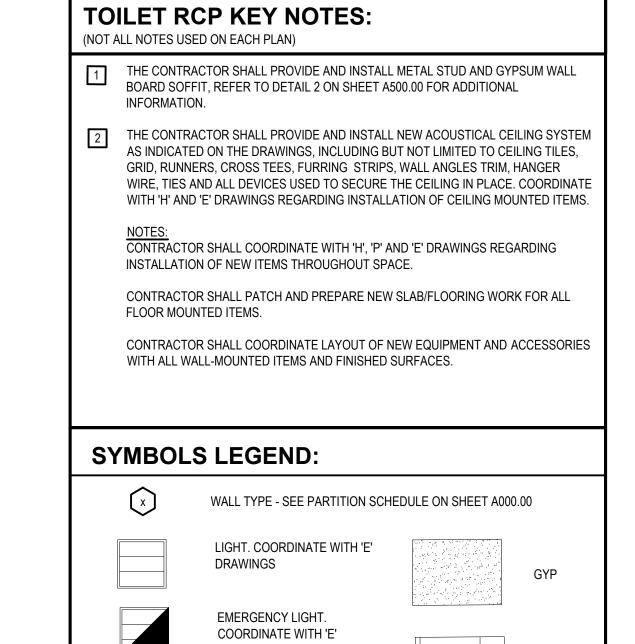




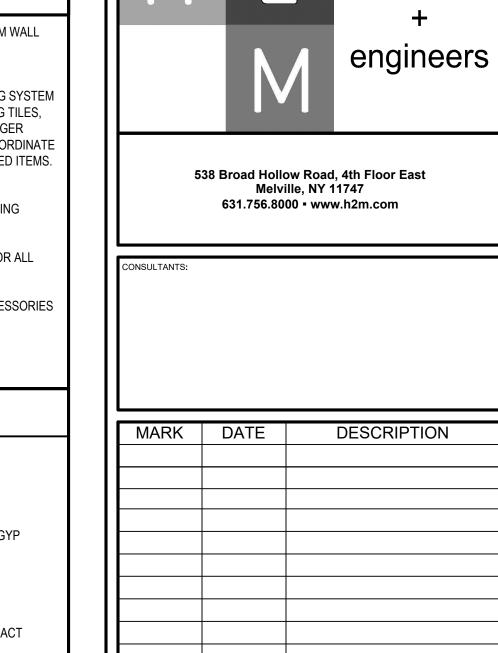
Enlarged 110A Girl's Toilet and 110A Girl's Toilet Reflected Ceiling Plan

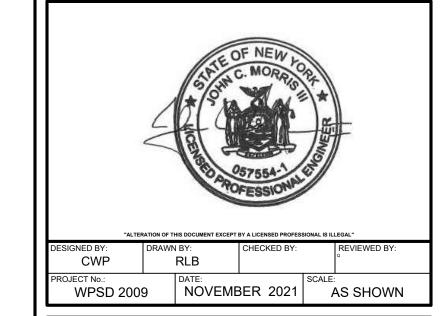
SCALE: 3/8"=1'-0"





EXHAUST COORDINATE WITH 'H' DRAWINGS





FINAL BID SET

11-03-21

architects

White Plains City School District

Renovations at Rochambeau Alternative High School



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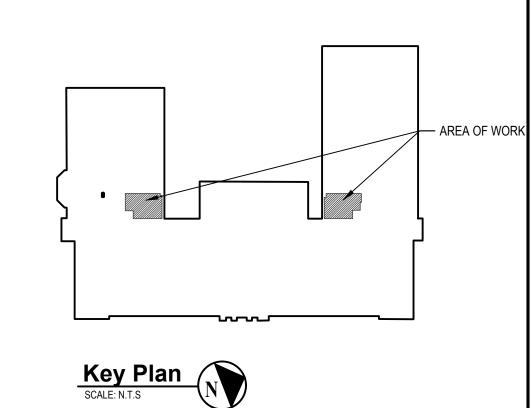
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GENERAL CONSTRUCTION

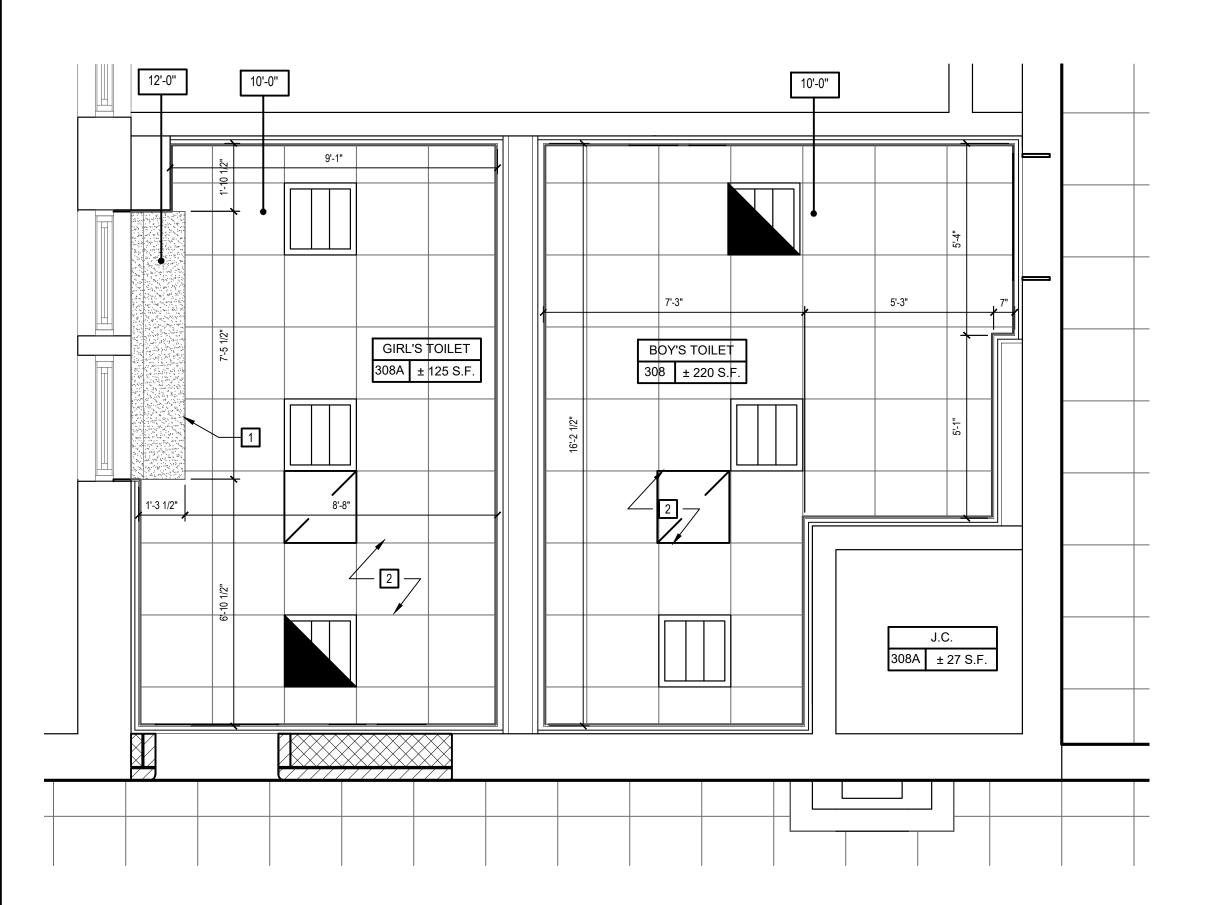
FINAL BID DOCUMENT

EET TITLE

ENLARGED BATHROOM REFLECTED CEILING PLANS

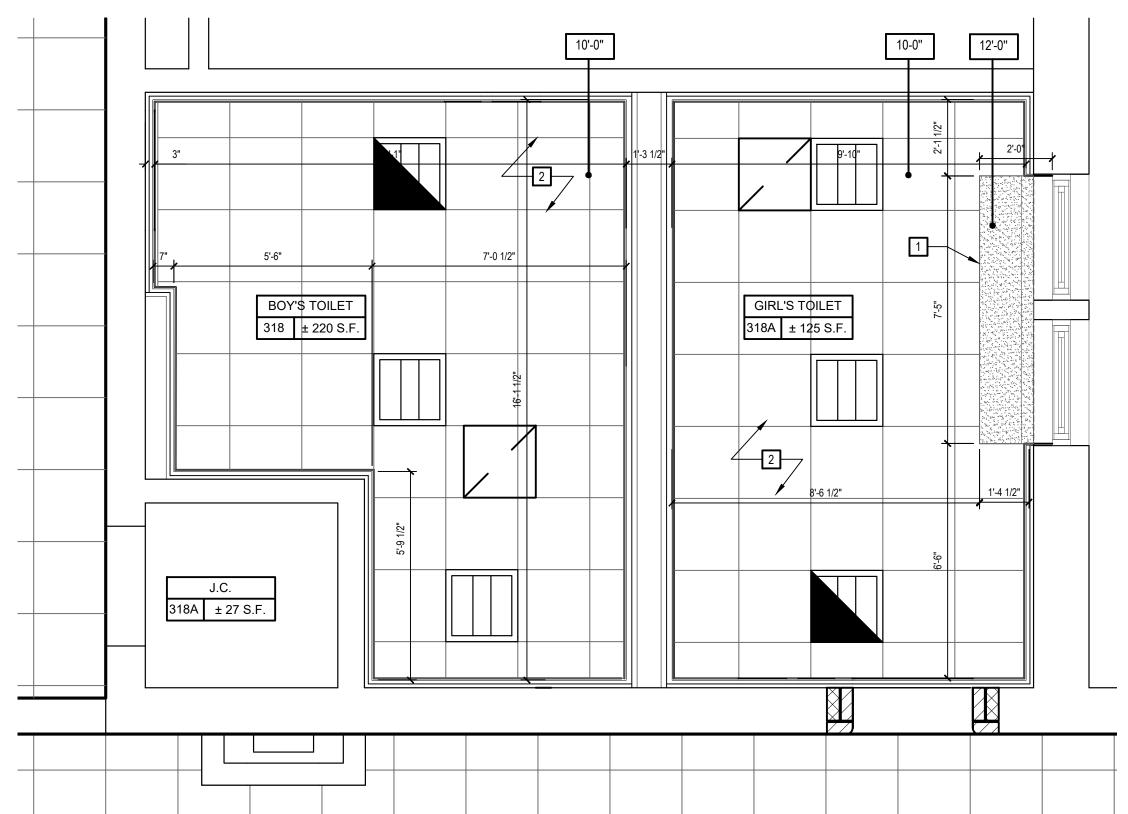
A 120.00





Enlarged 308 Boy's Toilet and 308A Girl's Toilet Reflected Ceiling Plan

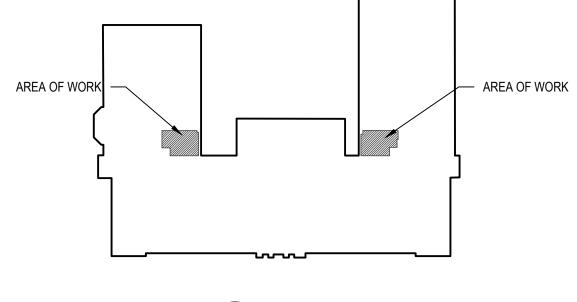
SCALE: 3/8"=1"-0"



Enlarged 318 Boy's Toilet and 318A Girl's Toilet Reflected Ceiling Plan

SCALE: 3/8"=1'-0"

N





TOILET RCP KEY NOTES:

THE CONTRACTOR SHALL PROVIDE AND INSTALL METAL STUD AND GYPSUM WALL BOARD SOFFIT REFER TO DETAIL 2 ON SHEET AFOR SO FOR ARBITIONAL

THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW ACOUSTICAL CEILING SYSTEM AS INDICATED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO CEILING TILES, GRID, RUNNERS, CROSS TEES, FURRING STRIPS, WALL ANGLES TRIM, HANGER WIRE, TIES AND ALL DEVICES USED TO SECURE THE CEILING IN PLACE. COORDINATE WITH 'H' AND 'E' DRAWINGS REGARDING INSTALLATION OF CEILING MOUNTED ITEMS.

<u>NOTES:</u> CONTRACTOR SHALL COORDINATE WITH 'H', 'P' AND 'E' DRAWINGS REGARDING INSTALLATION OF NEW ITEMS THROUGHOUT SPACE.

CONTRACTOR SHALL PATCH AND PREPARE NEW SLAB/FLOORING WORK FOR ALL

CONTRACTOR SHALL COORDINATE LAYOUT OF NEW EQUIPMENT AND ACCESSORIES

WALL TYPE - SEE PARTITION SCHEDULE ON SHEET A000.00

GYP

ACT

WITH ALL WALL-MOUNTED ITEMS AND FINISHED SURFACES.

LIGHT. COORDINATE WITH 'E'

DRAWINGS

DRAWINGS

EMERGENCY LIGHT.

COORDINATE WITH 'E'

EXHAUST COORDINATE WITH 'H' DRAWINGS

BOARD SOFFIT, REFER TO DETAIL 2 ON SHEET A500.00 FOR ADDITIONAL

(NOT ALL NOTES USED ON EACH PLAN)

FLOOR MOUNTED ITEMS.

SYMBOLS LEGEND:

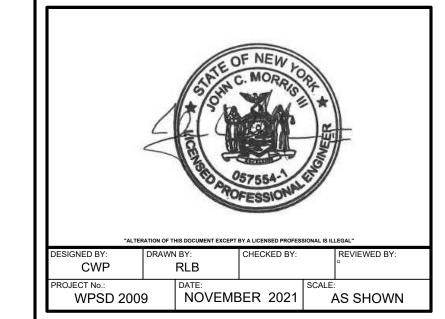
INFORMATION.



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White Plains City School District

Renovations at Rochambeau Alternative **High School**



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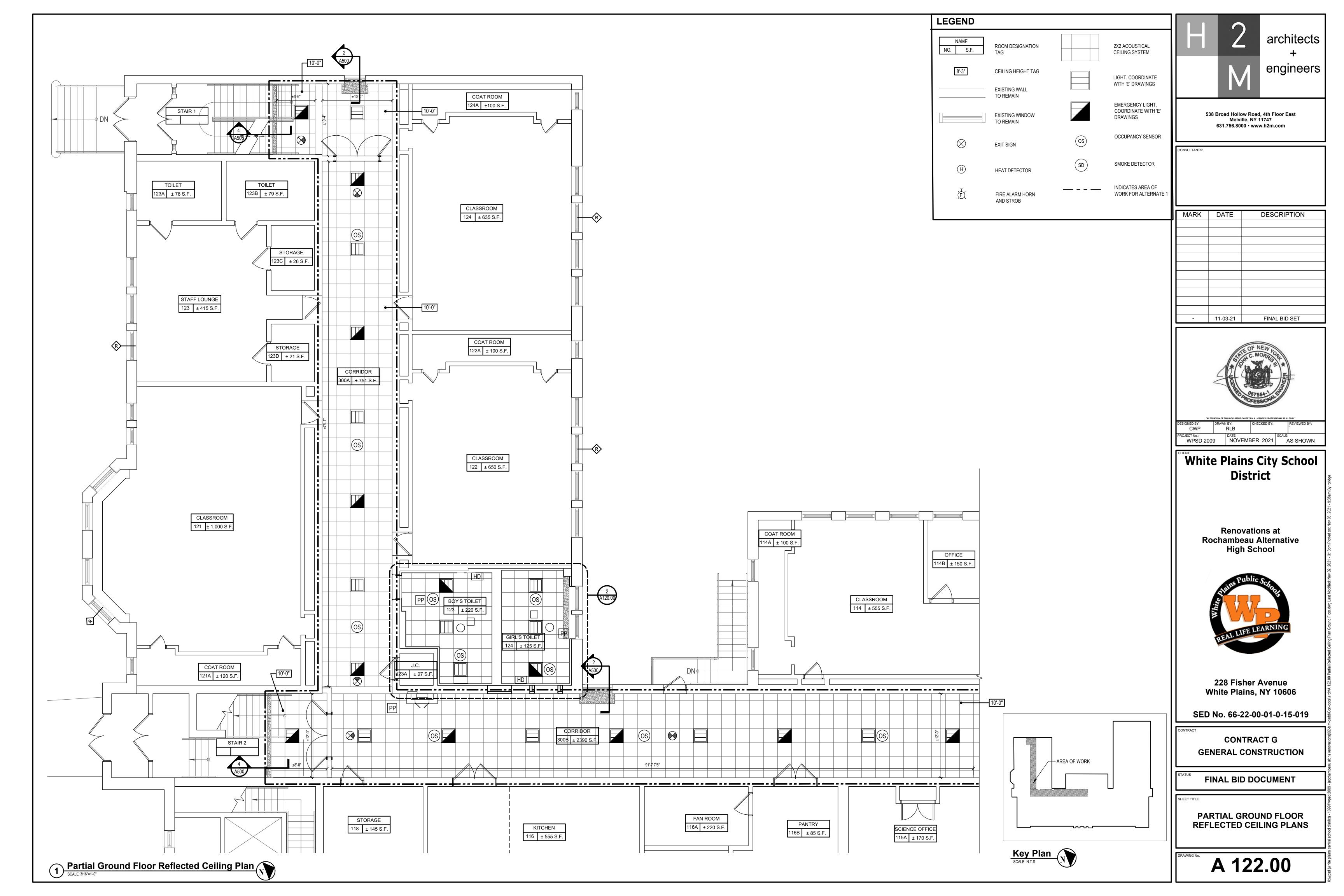
SED No. 66-22-00-01-0-15-019

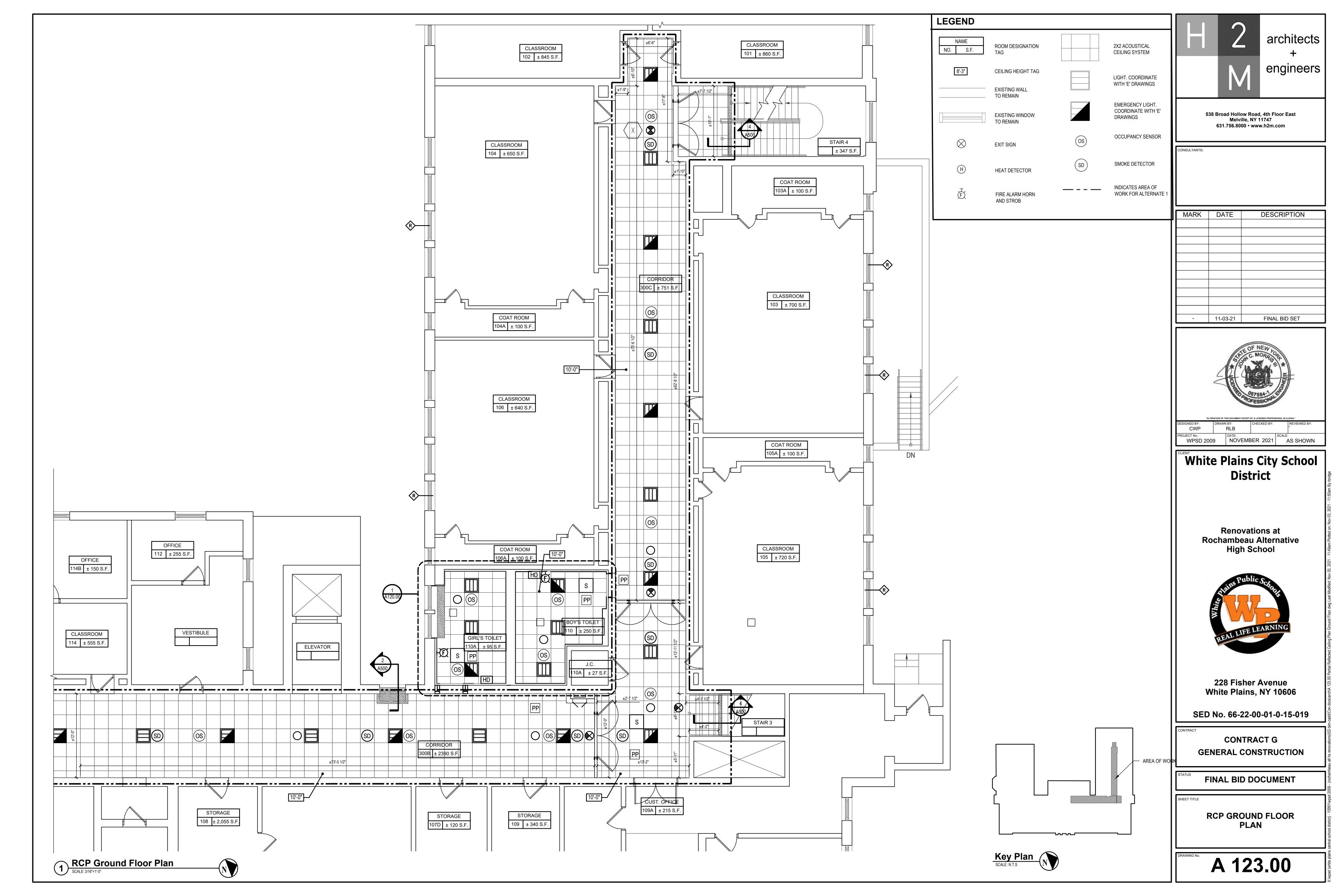
CONTRACT G GENERAL CONSTRUCTION

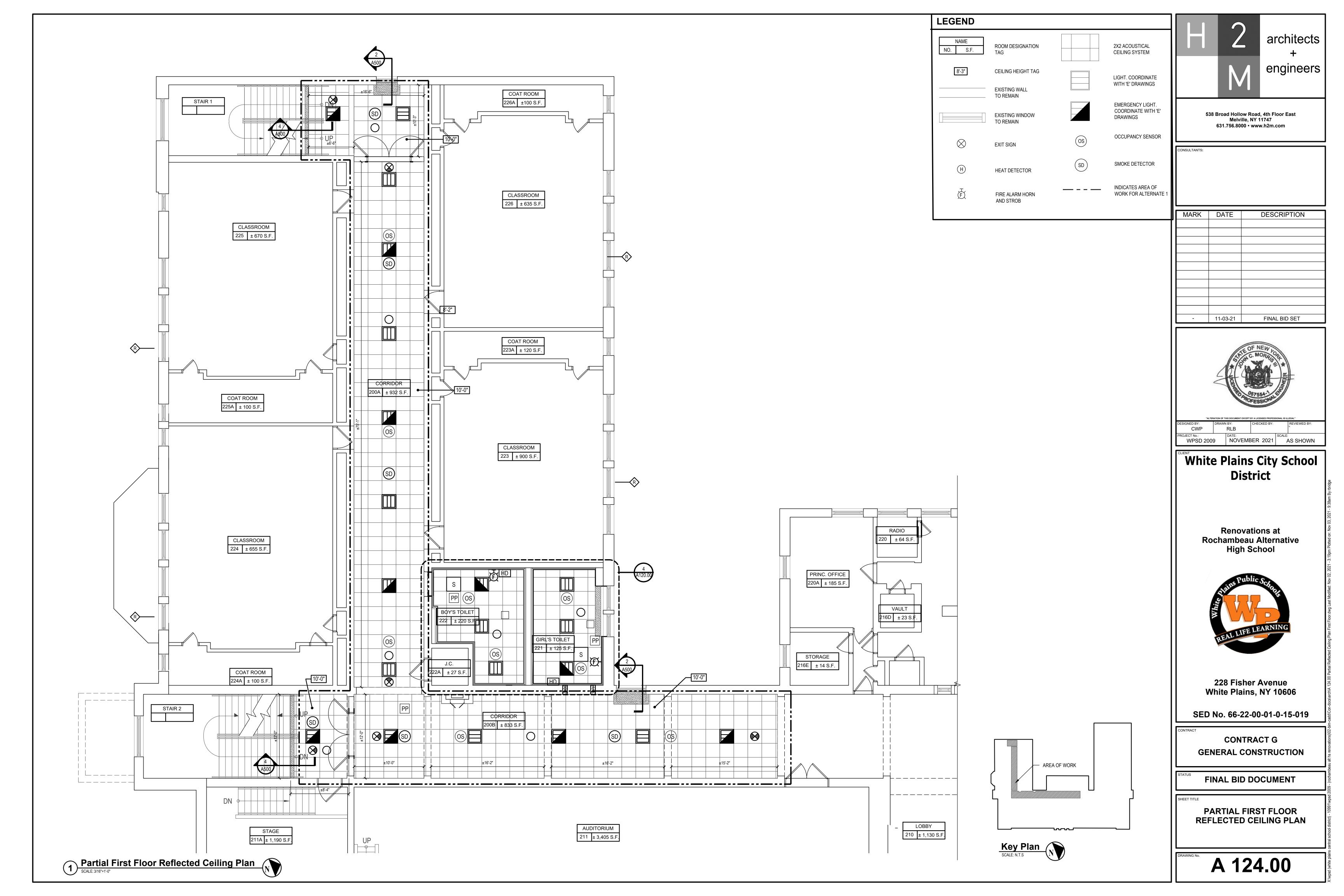
FINAL BID DOCUMENT

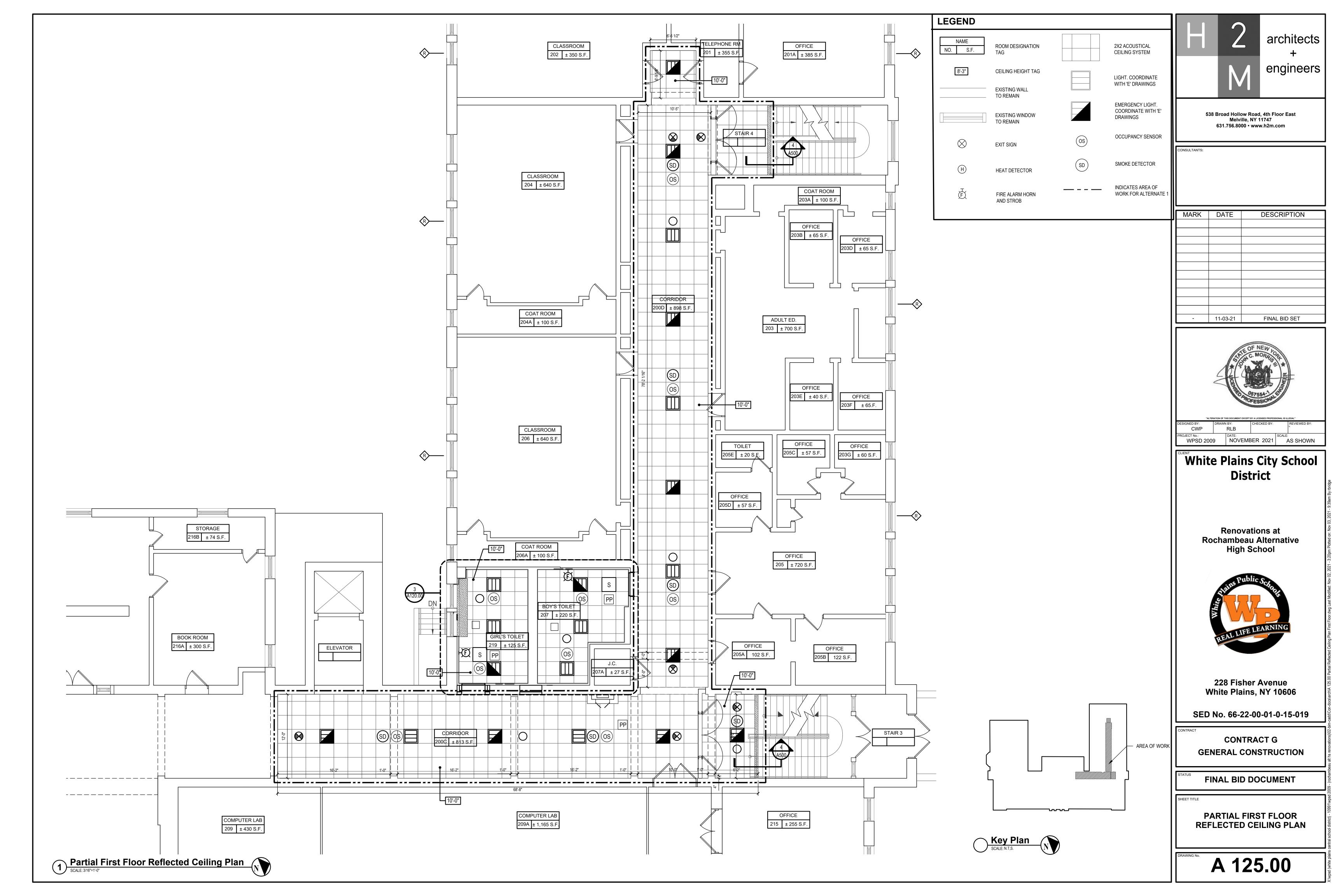
ENLARGED BATHROOM REFLECTED CEILING **PLANS**

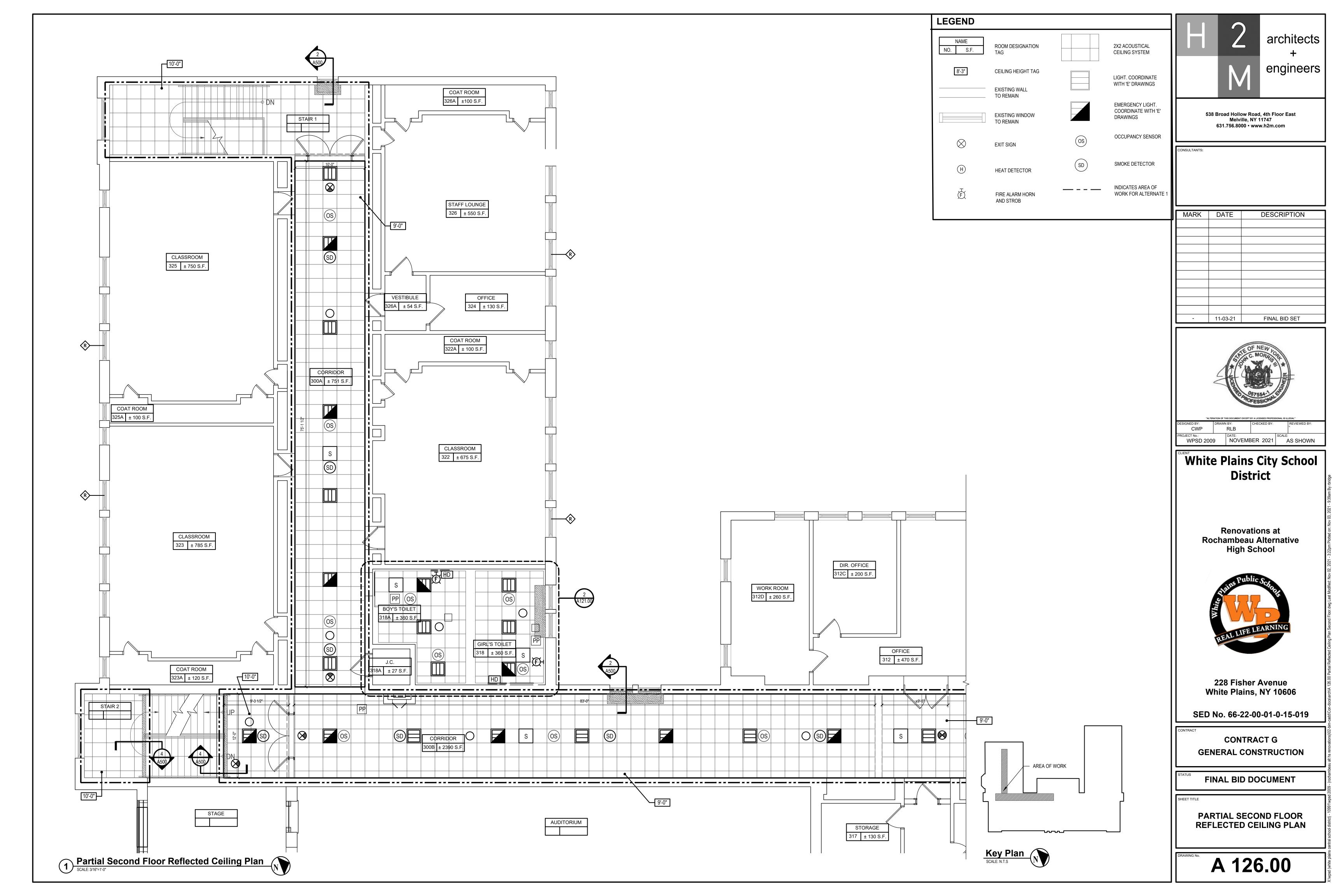
A 121.00

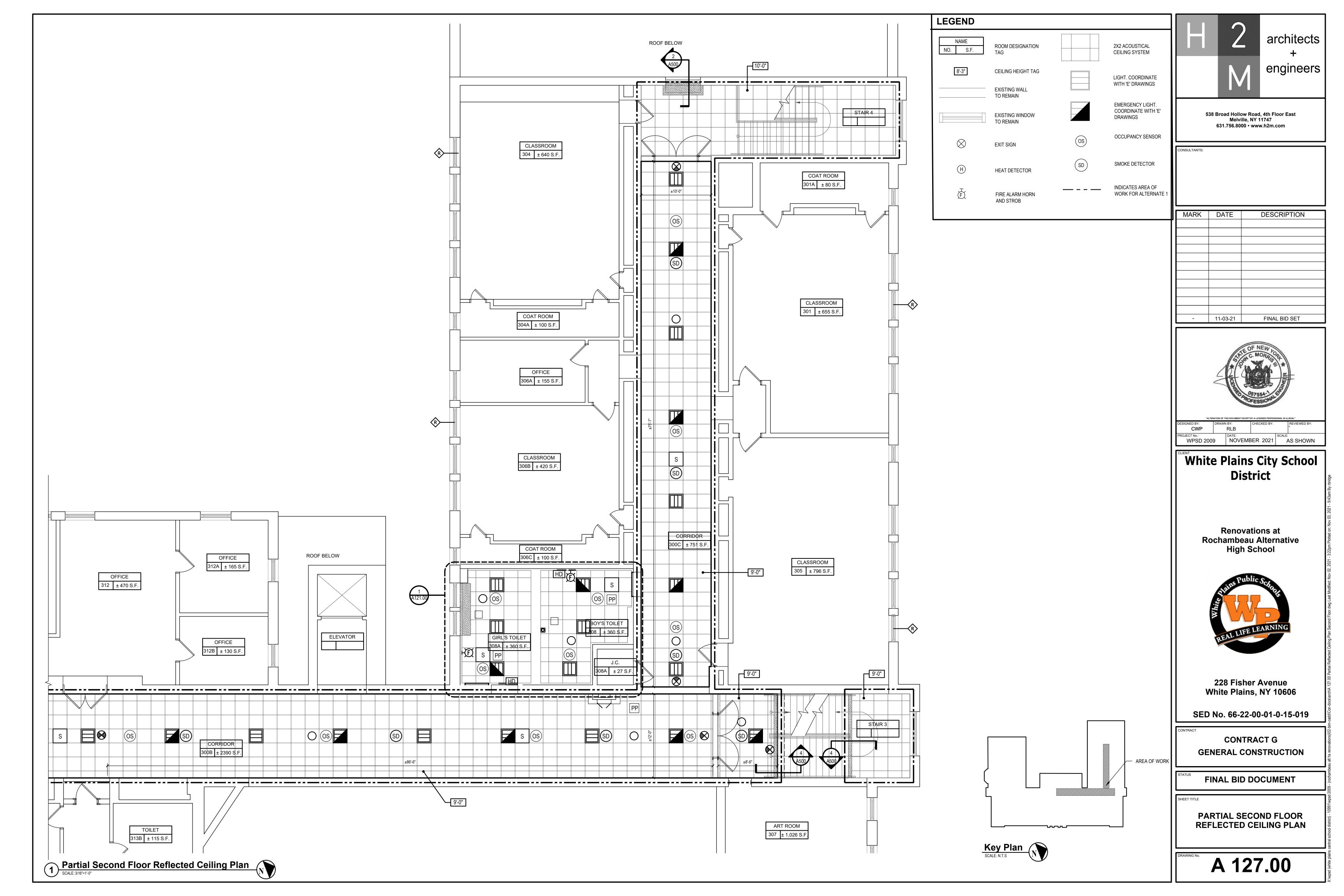


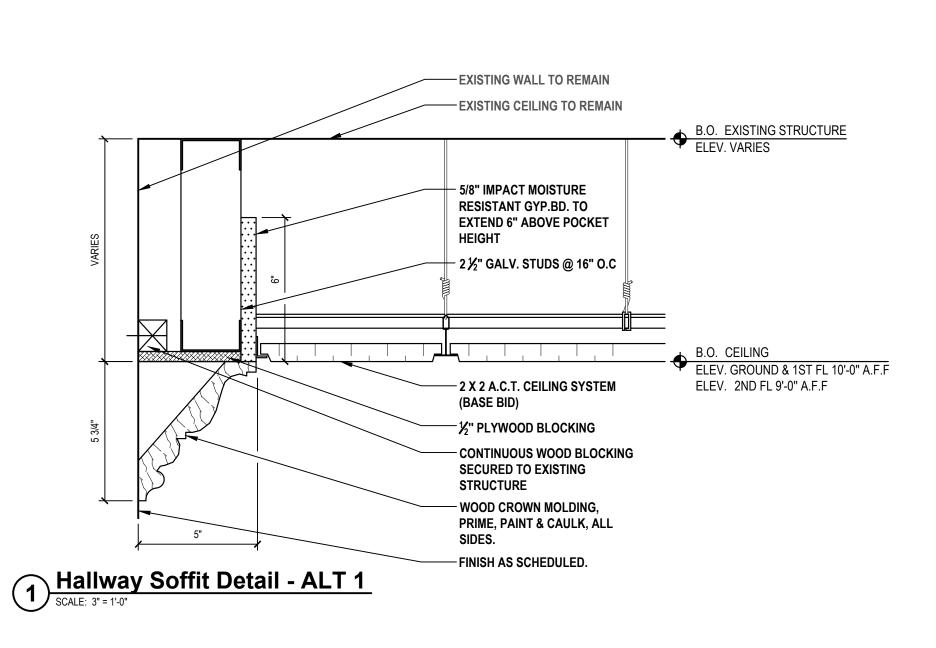


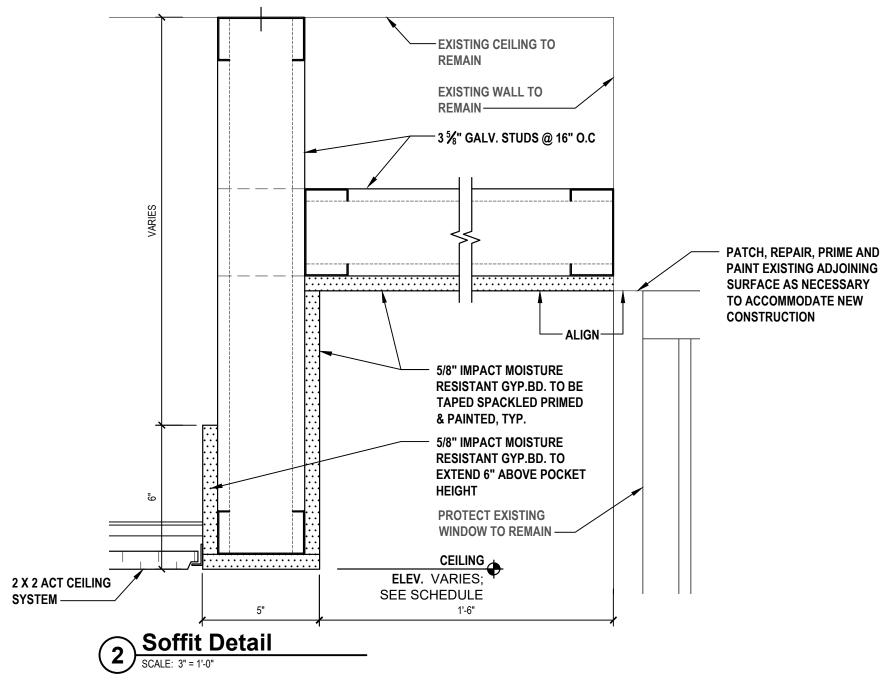


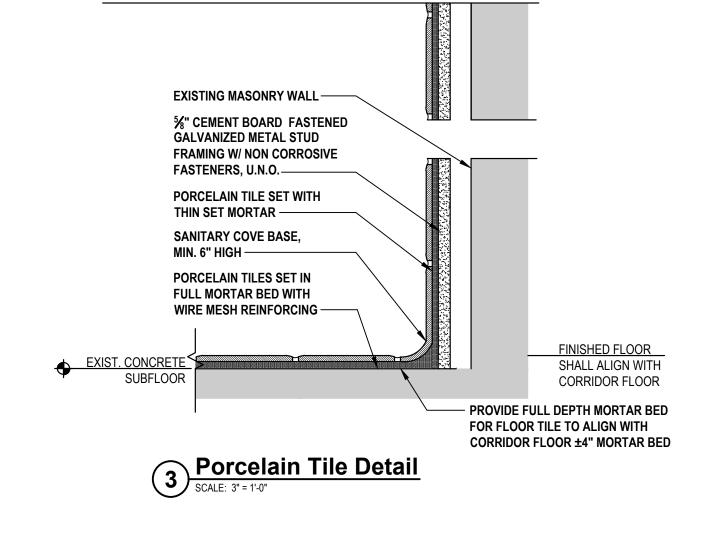


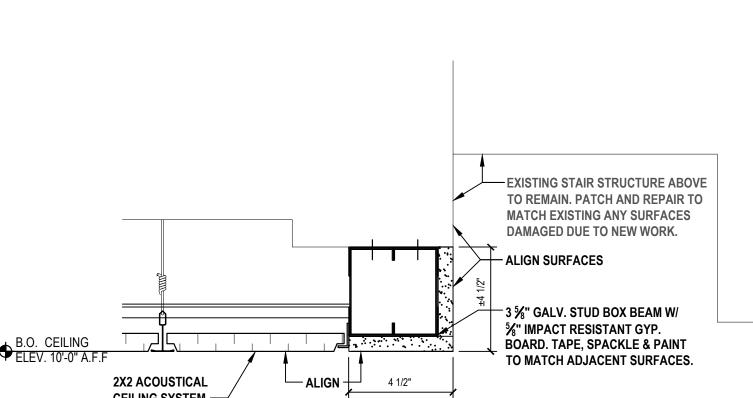


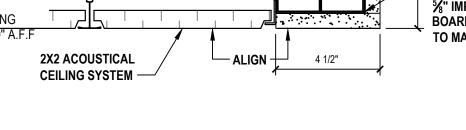






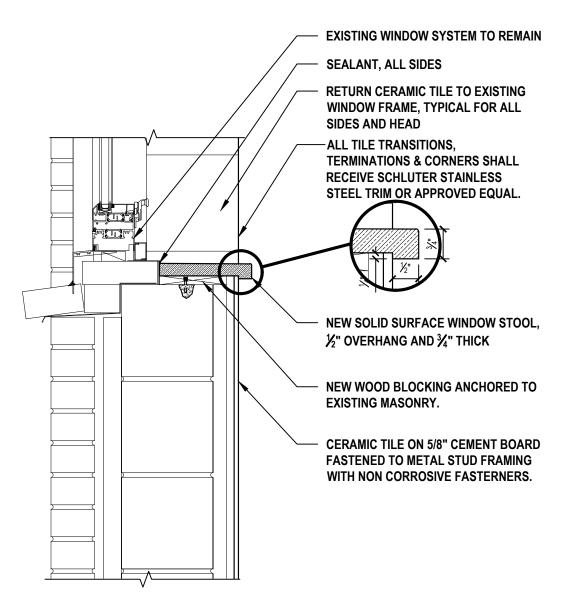




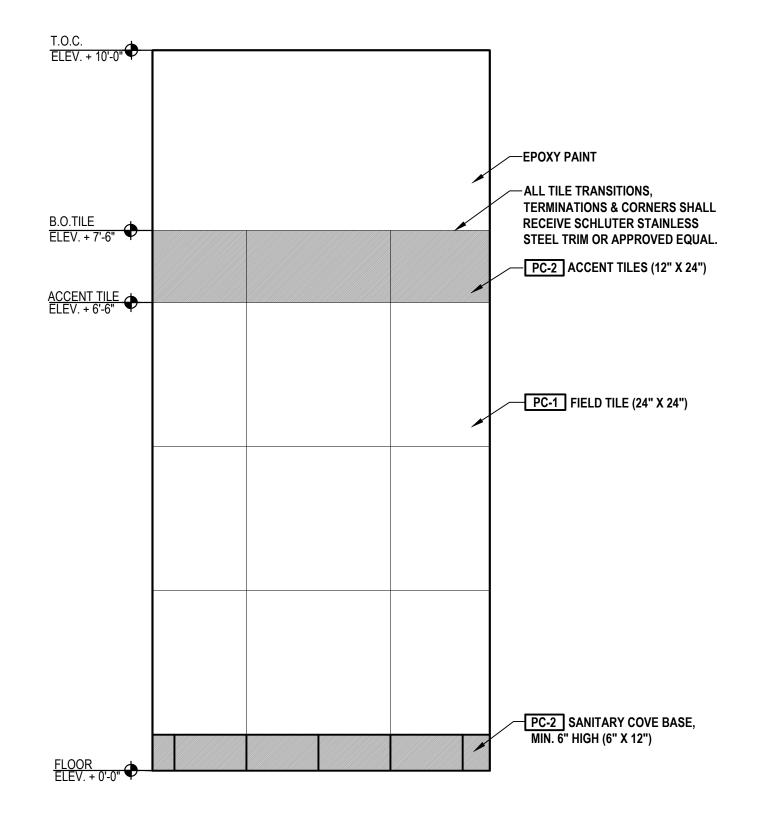


Soffit at Stairs Typ.

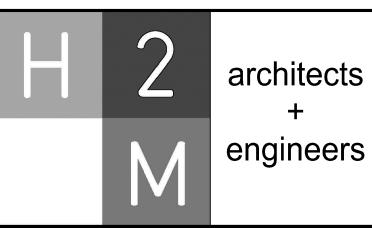
SCALE: 3" = 1'-0"



5 Toilet Room Window Stool Detail
SCALE: 1"=1'-0"

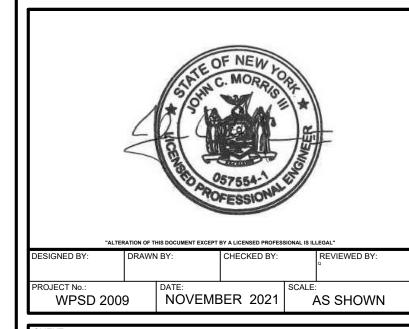


6 Typical Wall Tile Elevation SCALE: N.T.S.



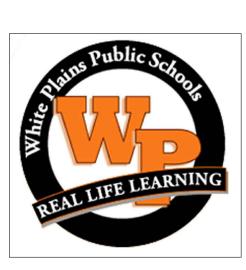
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	-	11-03-21	FINAL BID SET



White Plains City School District

Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

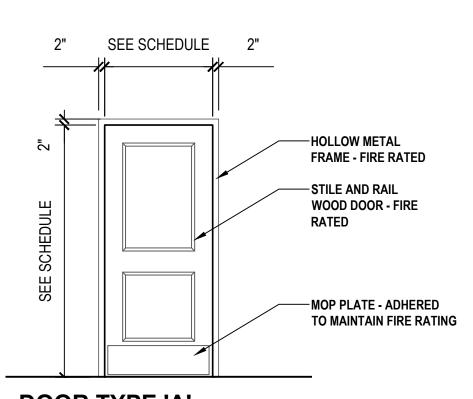
DETAILS

A 500.00

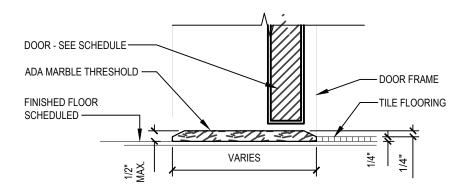
DOOR	LOCATION	DOOR OPENING	1	DETAILS			FIRE RATING	HARDWARE	REMARKS		
NO.		SIZE	I TPE.	MATERIAL	TYPE	HEAD	JAMB	SADDLE		SET	
GROUN	D FLOOR		'	•						,	
101	GIRLS BATHROOM 110	3'-0" X 7'-0"	Α	WD	НМ	1B / A600.00	2B / A600.00	S1 / A600.00	45 MIN.	01	
102	BOYS BATHROOM 110A	3'-0" X 7'-0"	Α	WD	НМ	1A / A600.00	2A / A600.00	S1 / A600.00	45 MIN.	01	
103	GIRLS BATHROOM 123	3'-0" X 7'-0"	Α	WD	НМ	1A / A600.00	2A / A600.00	S1 / A600.00	45 MIN.	01	
104	BOYS BATHROOM 124	3'-0" X 7'-0"	Α	WD	НМ	1B / A600.00	2B / A600.00	S1 / A600.00	45 MIN.	01	
FIRST FI	LOOR		•	•							
201	BOYS BATHROOM 207	3'-0" X 7'-0"	Α	WD	НМ	1B / A600.00	2B / A600.00	S1 / A600.00	45 MIN.	01	
202	GIRLS BATHROOM 219	3'-0" X 7'-0"	Α	WD	НМ	1A / A600.00	2A / A600.00	S1 / A600.00	45 MIN.	01	
203	GIRLS BATHROOM 221	3'-0" X 7'-0"	Α	WD	НМ	1A / A600.00	2A / A600.00	S1 / A600.00	45 MIN.	01	
204	BOYS BATHROOM 222	3'-0" X 7'-0"	Α	WD	НМ	1A / A600.00	2A / A600.00	S1 / A600.00	45 MIN.	01	
SECOND	FLOOR										
301	BOYS BATHROOM 308	3'-0" X 7'-0"	Α	WD	НМ	1B / A600.00	2B / A600.00	S1 / A600.00	45 MIN.	01	
302	GIRLS BATHROOM 308A	3'-0" X 7'-0"	Α	WD	НМ	1A / A600.00	2A / A600.00	S1 / A600.00	45 MIN.	01	
303	BOYS BATHROOM 318	3'-0" X 7'-0"	Α	WD	НМ	1A / A600.00	2A / A600.00	S1 / A600.00	45 MIN.	01	
304	GIRLS BATHROOM 318A	3'-0" X 7'-0"	Α	WD	НМ	1B / A600.00	2B / A600.00	S1 / A600.00	45 MIN.	01	

DOO	M NAME / NO	FLOOR	DACE	NORTH	I WALL	EAST	WALL	SOUTH	WALL	WEST	WALL		CEILING		DEMARKS
RUUNINANE/NU		FINISH	BASE	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	REMARKS
GROU	JND FLOOR														
110	GIRLS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
110A	BOYS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
123	GIRLS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
124	BOYS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
	OND FLOOR	1 1		I I		1		1		T 1		1		Г	T
207	BOYS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
219	GIRLS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
221	GIRLS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
222	BOYS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
THIR	D FLOOR														
308	BOYS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
308A	GIRLS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
318	BOYS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
318A	GIRLS BATHROOM	PC	PC	СВ	PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						

FINIS	H AE	BBREVIATIONS:			
ACT	=	ACOUSTICAL CEILING TILE	GYP	=	GYPSUM BOARD
BR	=	BRICK	MR	=	MOISTURE RESISTANT GYPSUM BOARD
СВ	=	CEMENT BACKER BOARD	PC	=	PORCELAIN TILE
CMU	=	CONCRETE MASONRY UNIT	PLAS	=	VENEER PLASTER FINISH
CONC	=	CONCRETE	PT	=	PAINT
(E)	=	EXISTING	TERR	=	TERRAZZO
ÈΧΡ	=	EXPOSED	WD	=	WOOD

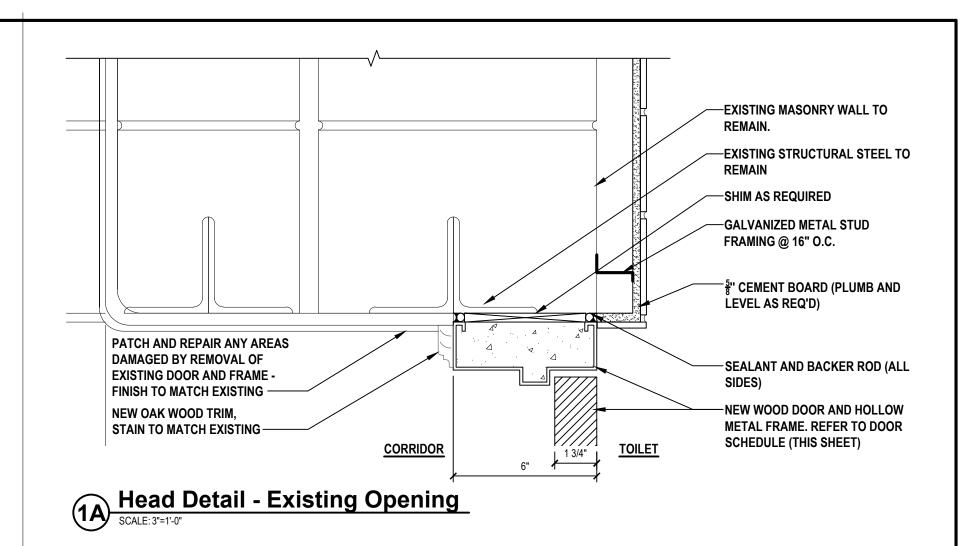


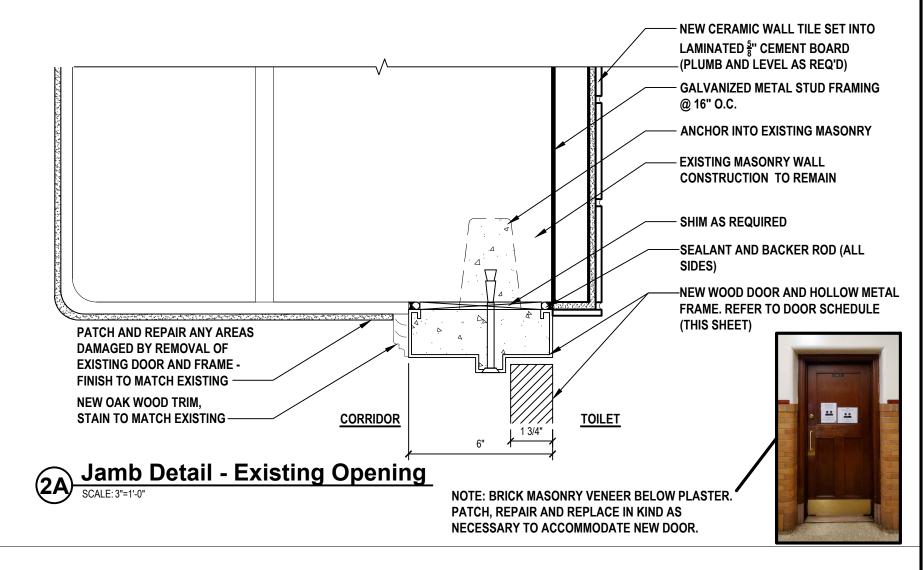
DOOR TYPE 'A'

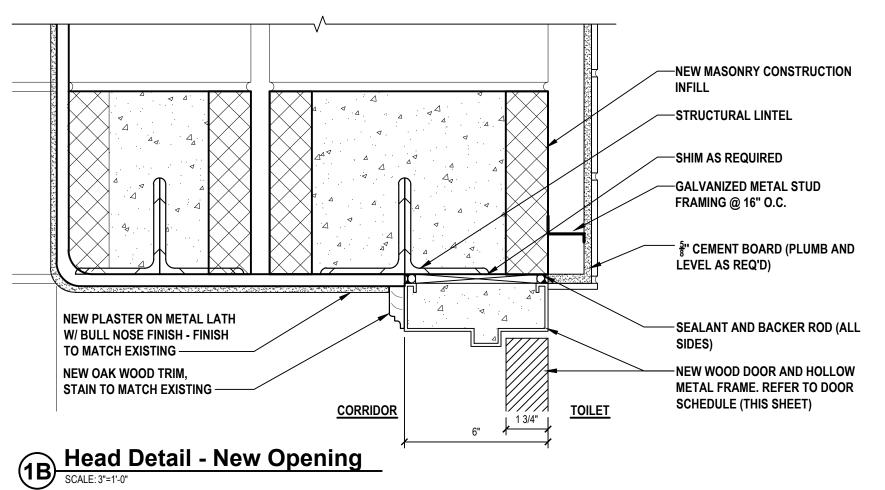


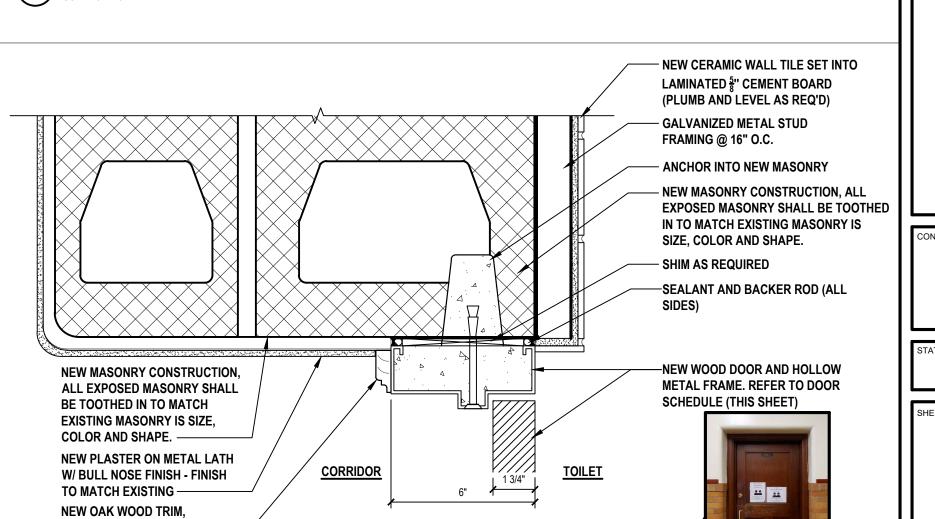
Saddle Detail

SCALE: 3"=1'-0"







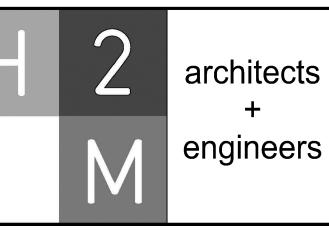


NOTE: PROVIDE AND INSTALL NEW BRICK MASONRY VENEER BELOW PLASTER TO MATCH EXISTING IN SIZE, TEXTURE, PATTERN AND COLOR.

STAIN TO MATCH EXISTING —

Jamb Detail - New Opening

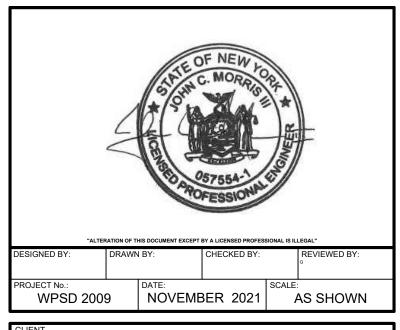
SCALE: 3"=1'-0"



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CONSULTANTS:

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·	_	
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White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

DOOR SCHEDULE,
DETAILS & FINISH
SCHEDULE

A 600.00

AFF	ABOVE FINISHED FLOOR
BCU	BUILDING CONTROL UNIT
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COMM.	COMMUNICATION
CV	CONTROL VALVE
(D)	DEMOLISH
DB	DRY BULB
DCV	DEMAND CONTROLLED VENTILATION
DEG. F	DEGREES FAHRENHEIT
DIA	DIAMETER
DX	DIRECT EXPANSION
	ELECTRICAL CONTRACTOR
(E)	EXISTING
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
ESP	EXTERNAL STATIC PRESSURE
FAI	FRESH AIR INTAKE
FD	
	FLOOR DRAIN
FLA	FULL LOAD AMPS
FT. H20	FEET OF WATER
'G'	GENERAL CONSTRUCTION CONTRACTOR
GPM	GALLONS PER MINUTE
GPH 	GALLONS PER HOUR
Н	HEIGHT
'H'	HVAC CONTRACTOR
HP	HORSEPOWER
IN.	INCHES
1. W.C. (W.G.)	INCHES WATER COLUMN (WATER GAUGE)
KW	KILOWATTS
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LCD	LIQUID CRYSTAL DISPLAY
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
M	METER
MAX	MAXIMUM
MBH	1,000 BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MIN	MINIMUM
MNF	MANUFACTURER
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
NFPA	NATIONAL FIRE PROTECTION ASSOCIATIO
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OAI	OUTDOOR AIR INTAKE
OD	OUTER DIAMETER
OED	OPEN ENDED DUCT
'P'	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PSIG	LBS / SQUARE INCH (GAUGE PRESSURE)
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAT	SUPPLY AIR TEMPERATURE
SEER	SEASONAL ENERGY EFFICIENCY RATING
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TYP	TYPICAL
VFD	VARIABLE FREQUENCY DRIVE
W	WIDTH
WB	WET BULB
WMS	WIRE MESH SCREEN

DUCTWORK LEGEND					
SYMBOL	ABBREV	DESCRIPTION			
		DUCTWORK BRANCH CONNECTION			
	VD	VOLUME DAMPER			
Ø	CD	ROUND FACE SUPPLY DIFFUSER			
	SEE AIR DEVICE SCHEDULE	SIDEWALL SUPPLY, RETURN OR EXHAUST GRILLE/REGISTER			
	SEE AIR DEVICE SCHEDULE	SQUARE FACE SUPPLY DIFFUSER			
רא רא	SEE AIR DEVICE SCHEDULE	BOTTOM RETURN OR EXHAUST GRILLE/REGISTER			
	FC	FLEXIBLE CONNECTION			
		TURNING VANES			
M		RECTANGULAR TO ROUND TRANSITION			
	AL	ACOUSTICAL LINING			
		END CAP			
	SEE AIR DEVICE SCHEDULE	SUPPLY DIFFUSER WITH DIRECTIONAL FLOW (SOLID HATCH INDICATES BLANK OFF PANEL)			
		SUPPLY DUCT DROP (TURN DOWN)			
		RETURN/EXHAUST DUCT DROP (TURN DOWN)			
		SUPPLY DUCT RISE			
		RETURN/EXHAUST DUCT RISE			
DSD ———	DSD	DUCT SMOKE DETECTOR			
M	MD	MOTORIZED DAMPER WITH ACTUATOR			
OR OR	AD	ACCESS DOOR			
	FD/AD	FIRE DAMPER WITH ACCESS DOOR			
─	FSD/AD	FIRE SMOKE DAMPER WITH ACCESS DOOR			
		FAN			
		WORK TO BE REMOVED			
•		POINT OF DISCONNECTION FROM EXISTING			
•		POINT OF CONNECTION TO EXISTING			

CONTROLS LEGEND							
SYMBOL	ABBREV	DESCRIPTION					
©		CARBON MONOXIDE SENSOR					
T		THERMOSTAT					
<u>s</u>		DIGITAL TEMPERATURE SENSOR					
H		HUMIDITY SENSOR					
©2		CARBON DIOXIDE SENSOR					
P		PRESSURE SENSOR					

PIPING LEGEND		
SYMBOL	ABBREV	DESCRIPTION
		NEW WORK
C— O—		PIPING DOWN/ PIPING UP
<u></u>		BALL VALVE WITH HOSE END CONNECTION
<u> </u>	TH	THERMOMETER
—- —	U	UNION
	FPC	FLEXIBLE PIPE CONNECTION
		DIRECTION OF FLOW
——————————————————————————————————————	PSR	PRESSURE SAFETY AND RELIEF VALVE
_ \ _	PRV	PRESSURE REDUCING VALVE
− ∇ −	BV	BALL VALVE
──── ♦	BA	BALANCING VALVE
□	BFV	BUTTERFLY VALVE
		TEMPERATURE SENSOR WITH THERMOWELL
→ ⋈ —	GA	GATE VALVE
\$ —₩—	GB	GLOBE VALVE
A	AV	AUTOMATIC AIR VENT
— — ——————————————————————————————————	CV	2-WAY ELECTRONIC CONTROL VALVE
— ———	CV	3-WAY ELECTRONIC CONTROL VALVE
→ \$ —	CV	2-WAY PNEUMATIC CONTROL VALVE
──────	CV	3-WAY PNEUMATIC CONTROL VALVE
	STR	STRAINER WITH BLOW OFF VALVE WITH HOSE END CONNECTION
# \(\)	FD	FLOOR DRAIN
S		AIR SEPARATOR
——⊗ ^{F&T}		STEAM TRAPS (INDICATE TYPE)
→ →	СН	CHECK VALVE
<u> </u>	PG	PRESSURE GAUGE WITH GAUGE COCK
	RED	REDUCER
ı 	СО	CLEANOUT END CAP
		PIPE GUIDE
X		PIPE ANCHOR
— <u> </u>		CAPPED PIPE
		PUMP
		WORK TO BE REMOVED
-		POINT OF DISCONNECTION FROM EXISTING
•		POINT OF CONNECTION TO EXISTING
<u> </u>	TDV	TRIPLE DUTY VALVE
1 * 1		

GENERAL NOTES

- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY 2020 MECHANICAL CODE OF NEW YORK STATE.
- 2. THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF BIDS.
- 3. PERFORM ALL WORK IN ACCORDANCE WITH THE PLUMBING CODE, FIRE CODE, MECHANICAL CODE, ENERGY CONSERVATION CONSTRUCTION CODE, AND FUEL GAS CODE OF NEW YORK STATE AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
- 4. COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE REQUIREMENTS OF DIVISION 26 FOR ALL ELECTRICAL INSTALLATIONS.
- 5. FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, DUCTWORK, CONDUIT, ETC. PROVIDE FIRE DAMPERS AND ACCESS DOORS IN ALL OPENINGS IN FIRE RATED FLOORS, PARTITIONS, AND WALLS FOR DUCTWORK AS PER THE MECHANICAL CODE OF NEW YORK STATE.
- 6. DO NOT SCALE DRAWINGS. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS, PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS. INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S REQUIREMENTS TO PROVIDE PROPER CLEARANCE FOR INSTALLATION, OPERATION, AND MAINTENANCE. CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTOR'S FABRICATED ITEMS SHALL ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY
- MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
- 8. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK. OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.
- 9. PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
- 10. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING AND EQUIPMENT INSTALLATION REQUIREMENTS.
- 11. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OR DUCT UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER CERTIFIED ACCURACY.
- 12. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING AND DUCT TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
- 13. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION
- 14. COORDINATE INSTALLATION OF SUPPLY AND RETURN GRILLES WITH INSTALLATION OF FINISHED CEILINGS.
- 15. COMPLETE ALL PRESSURE TESTS BEFORE ANY MECHANICAL EQUIPMENT, DUCTWORK, OR PIPING INSULATION IS
- 16. TESTING, ADJUSTING, AND BALANCING AGENCY SHALL BE A MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL (AABC) OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB), PERFORM ALL TESTING, ADJUSTING, AND BALANCING IN ACCORDANCE WITH THE SPECIFICATIONS.
- 17. MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS. THE USE OF C-CLAMPS IS NOT PERMITTED.
- 18. PROVIDE CONCRETE PADS A MINIMUM OF 6 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
- 19. INTERNALLY LINE ALL SUPPLY AND RETURN DUCTWORK WITHIN 20 FEET UPSTREAM AND DOWNSTREAM OF FANS WITH 1" THICK INSULATION. INTERNALLY LINED DUCTWORK MEETING THIS REQUIREMENT SHALL ALSO BE PROVIDED WITH EXTERNALLY APPLIED INSULATION AS REQUIRED BY THE SPECIFICATIONS. SEE SPECIFICATION SECTION 230719 FOR ADDITIONAL REQUIREMENTS.
- 20. PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS, AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIR STREAM. PROVIDE TRAP AT CONNECTION, WATER SEAL DEPTH 1 INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY THE ARCHITECT/ENGINEER.
- 21. INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

WORK IN EXISTING AREAS

- 1. EXISTING CONDITIONS, INCLUDING EQUIPMENT, DUCT AND PIPE SIZES AND LOCATIONS, INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC. CONFIRM ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
- 2. CUT AND ROUGH PATCH EXISTING CONSTRUCTION AS REQUIRED FOR THE PERFORMANCE OF THE WORK. FINISH PATCHING AND FLASHING REQUIREMENTS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS. PERFORM ALL CUTTING AND PATCHING WORK IN A MANNER SUCH THAT ANY EXISTING WARRANTEES/GUARANTEES ARE NOT VOIDED. USE QUALIFIED PERSONNEL IN PERFORMANCE OF THE WORK.

CONTRACT 'H' SCOPE NOTES (HVAC OR MECHANICAL)

- 1. ALL REFERENCES TO OTHER CONTRACTS AND DIVISIONS INCLUDING BUT NOT LIMITED TO, 'G', 'P', 'E', AND DIVISION 26, ARE ALL TO BE BID AS PART OF THE 'H' SCOPE AND BID FOR THIS PROJECT.
- 2. PROVIDE ALL LOUVERS FOR INSTALLATION BY CONTRACT 'G'. SUBMIT LOUVER COLOR AND CONFIGURATION TO THE ARCHITECT/ENGINEER FOR APPROVAL.
- INSTALL SMOKE DETECTORS IN DUCTWORK FOR AIR HANDLING UNITS RATED AT 2,000 CFM OR GREATER. SMOKE DETECTOR SUPPLY AND WIRING IS PART OF CONTRACT 'E'.
- 4. FURNISH AND INSTALL ALL NECESSARY CONTROL WIRING, CONDUIT, AND ACCESSORIES AS REQUIRED TO PROVIDE FULLY FUNCTIONING SYSTEMS AND SEQUENCES OF OPERATION.
- 5. FURNISH ALL LINTELS FOR DUCT AND PIPE PENETRATIONS IN INTERIOR MASONRY WALLS FOR INSTALLATION BY CONTRACT 'G'.
- 6. FURNISH ALL SLEEVES FOR PIPE AND CONDUIT FLOOR, WALL, PARTITION, AND ROOF PENETRATIONS FOR INSTALLATION BY CONTRACT 'G'.
- 7. FURNISH ALL CURBS FOR ALL ROOF MOUNTED EQUIPMENT AND DUCT PENETRATIONS FOR INSTALLATION BY
- 8. REMOVE CHASE ENCLOSURE COVER WHEN PERFORMING WORK IN ANY CHASE, AND REINSTALL THE CHASE ENCLOSURE COVER WHEN WORK IS COMPLETE.
- 9. PERFORM ALL CUTTING AND ROUGH PATCHING AS REQUIRED IN THE EXECUTION OF THE WORK. FINISH PATCHING AND FLASHING IS PART OF CONTRACT 'G'.

LEGENDS/ABBREVIATIONS NOTES

CONTRACT 'G'.

1. ABBREVIATIONS AND SYMBOLS ON THIS SHEET DO NOT DEFINE THE SCOPE OF WORK.



engineers

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ı			DATE:		SCALE	:		
l	WPSD 200	9	NOVEME	BER 2021	/	AS SHOWN		

White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

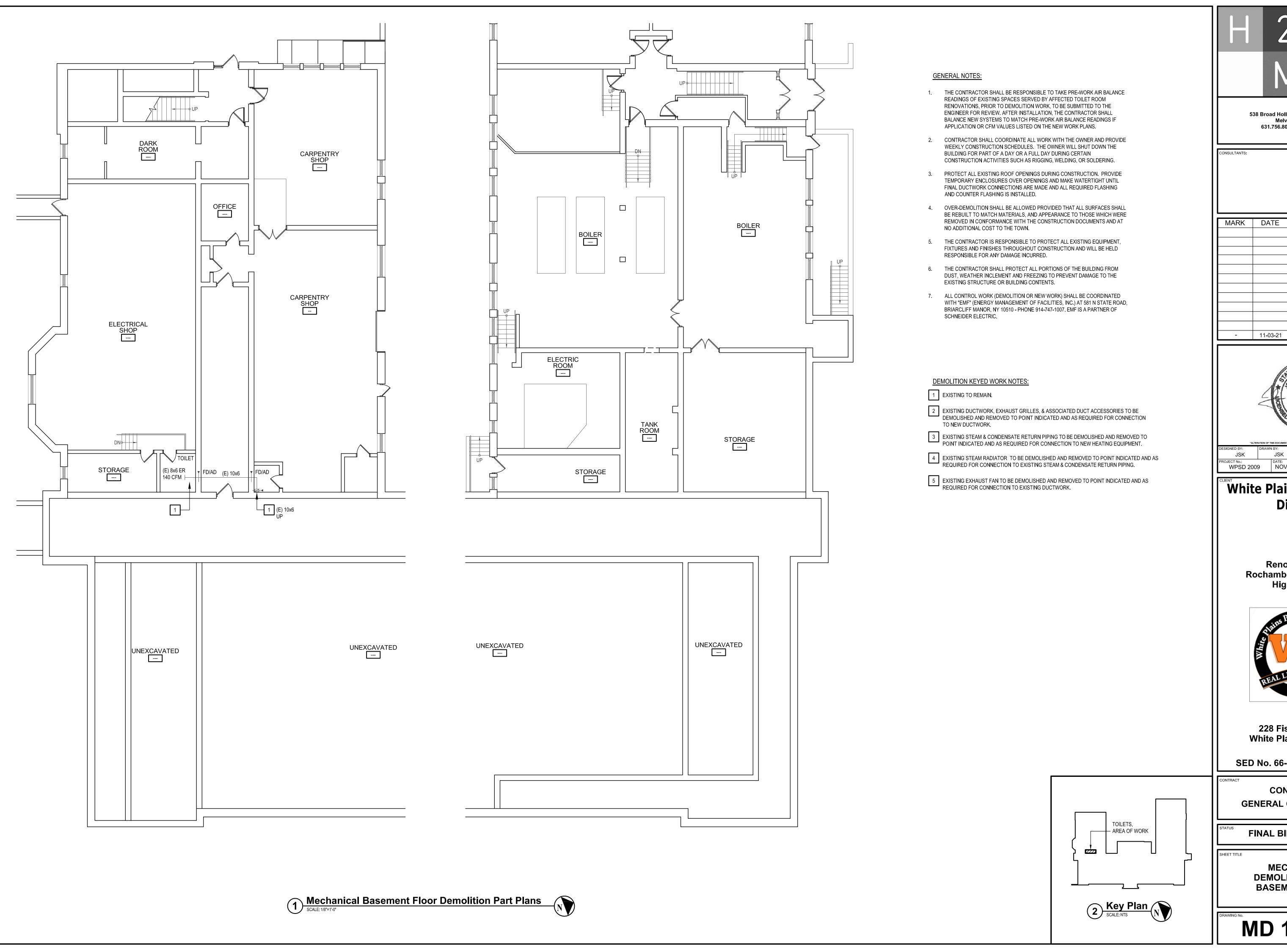
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CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

MECHANICAL **GENERAL NOTES AND LEGENDS**

M 001.00



architects
+
engineers

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JSK

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PROJECT No.:

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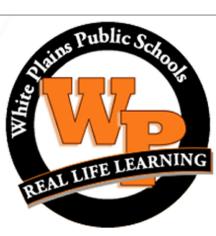
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NOVEMBER 2021

AS SHOWN

White Plains City School District

Renovations at Rochambeau Alternative High School



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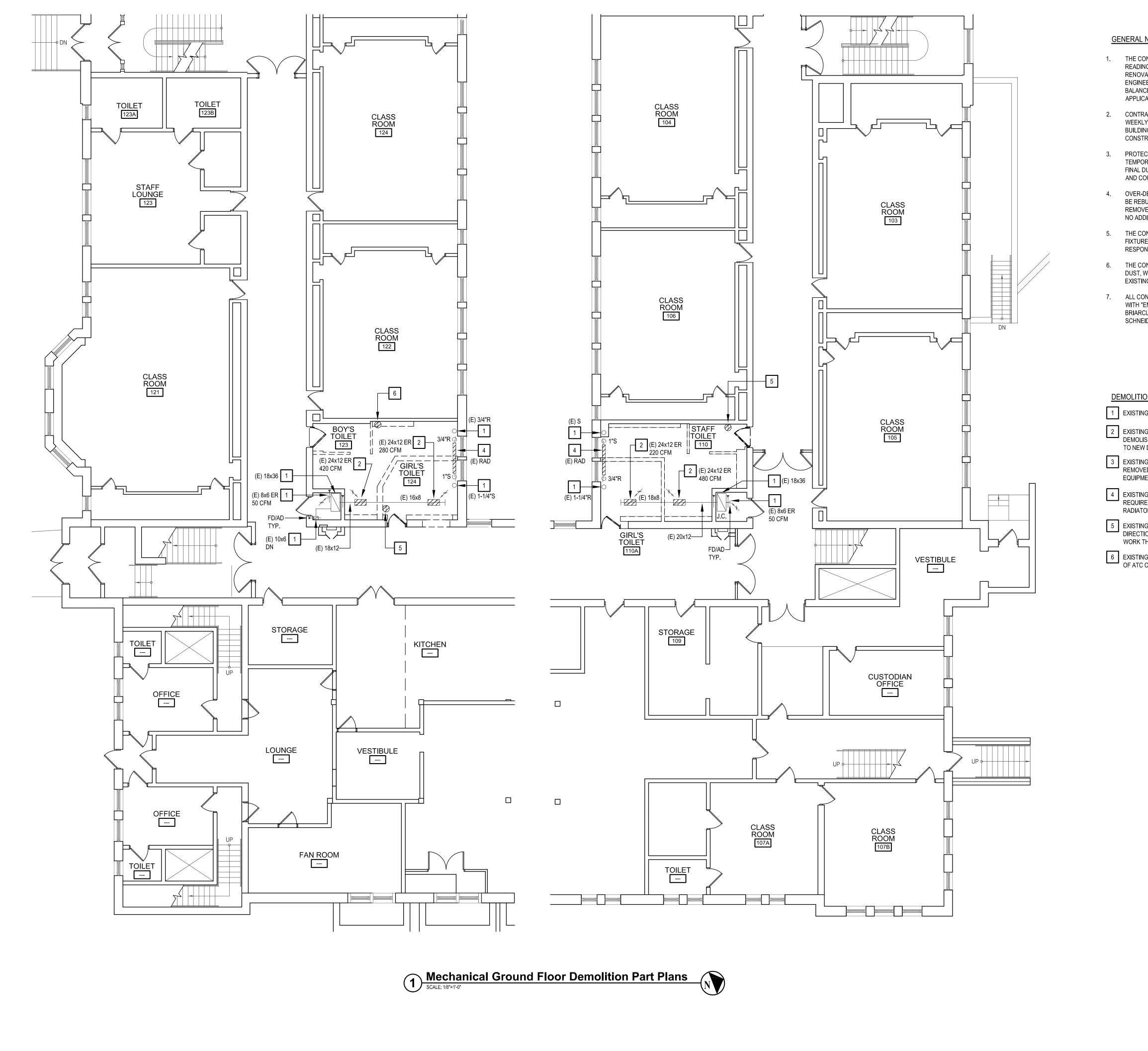
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CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

MECHANICAL
DEMOLITION PLANS
BASEMENT FLOOR

MD 100.00

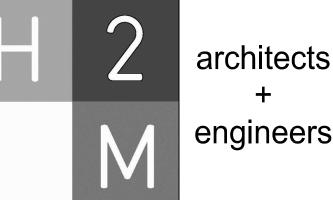


GENERAL NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO TAKE PRE-WORK AIR BALANCE READINGS OF EXISTING SPACES SERVED BY AFFECTED TOILET ROOM RENOVATIONS, PRIOR TO DEMOLITION WORK, TO BE SUBMITTED TO THE ENGINEER FOR REVIEW. AFTER INSTALLATION, THE CONTRACTOR SHALL BALANCE NEW SYSTEMS TO MATCH PRE-WORK AIR BALANCE READINGS IF APPLICATION OR CFM VALUES LISTED ON THE NEW WORK PLANS.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER AND PROVIDE WEEKLY CONSTRUCTION SCHEDULES. THE OWNER WILL SHUT DOWN THE BUILDING FOR PART OF A DAY OR A FULL DAY DURING CERTAIN CONSTRUCTION ACTIVITIES SUCH AS RIGGING, WELDING, OR SOLDERING.
- 3. PROTECT ALL EXISTING ROOF OPENINGS DURING CONSTRUCTION. PROVIDE TEMPORARY ENCLOSURES OVER OPENINGS AND MAKE WATERTIGHT UNTIL FINAL DUCTWORK CONNECTIONS ARE MADE AND ALL REQUIRED FLASHING AND COUNTER FLASHING IS INSTALLED.
- OVER-DEMOLITION SHALL BE ALLOWED PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, AND APPEARANCE TO THOSE WHICH WERE REMOVED IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND AT NO ADDITIONAL COST TO THE TOWN.
- 5. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING EQUIPMENT, FIXTURES AND FINISHES THROUGHOUT CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE INCURRED.
- THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE BUILDING FROM DUST, WEATHER INCLEMENT AND FREEZING TO PREVENT DAMAGE TO THE EXISTING STRUCTURE OR BUILDING CONTENTS.
- 7. ALL CONTROL WORK (DEMOLITION OR NEW WORK) SHALL BE COORDINATED WITH "EMF" (ENERGY MANAGEMENT OF FACILITIES, INC.) AT 581 N STATE ROAD, BRIARCLIFF MANOR, NY 10510 - PHONE 914-747-1007. EMF IS A PARTNER OF SCHNEIDER ELECTRIC.

DEMOLITION KEYED WORK NOTES:

- 1 EXISTING TO REMAIN.
- 2 EXISTING DUCTWORK, EXHAUST GRILLES, & ASSOCIATED DUCT ACCESSORIES TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO NEW DUCTWORK.
- 3 EXISTING STEAM & CONDENSATE RETURN PIPING, VALVES, TRAPS TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO NEW HEATING
- 4 EXISTING STEAM RADIATOR TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO EXISTING STEAM & CONDENSATE RETURN PIPING. RETURN RADIATOR COVER (IF EXISTING IS PROVIDED) TO OWNER.
- 5 EXISTING ELECTRIC THERMOSTAT (T.A.C.) TO BE DEMOLISHED AND REMOVED (UNDER DIRECTION OF ATC CONTRACTOR). REUSE EXISTING CONTROL POWER SOURCE FOR NEW WORK THERMOSTAT.
- 6 EXISTING PNEUMATIC THERMOSTAT TO BE DEMOLISHED AND REMOVED (UNDER DIRECTION OF ATC CONTRACTOR).



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ONSULTANTS:

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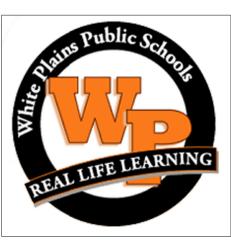
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White Plains City School **District**

Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

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CONTRACT G GENERAL CONSTRUCTION

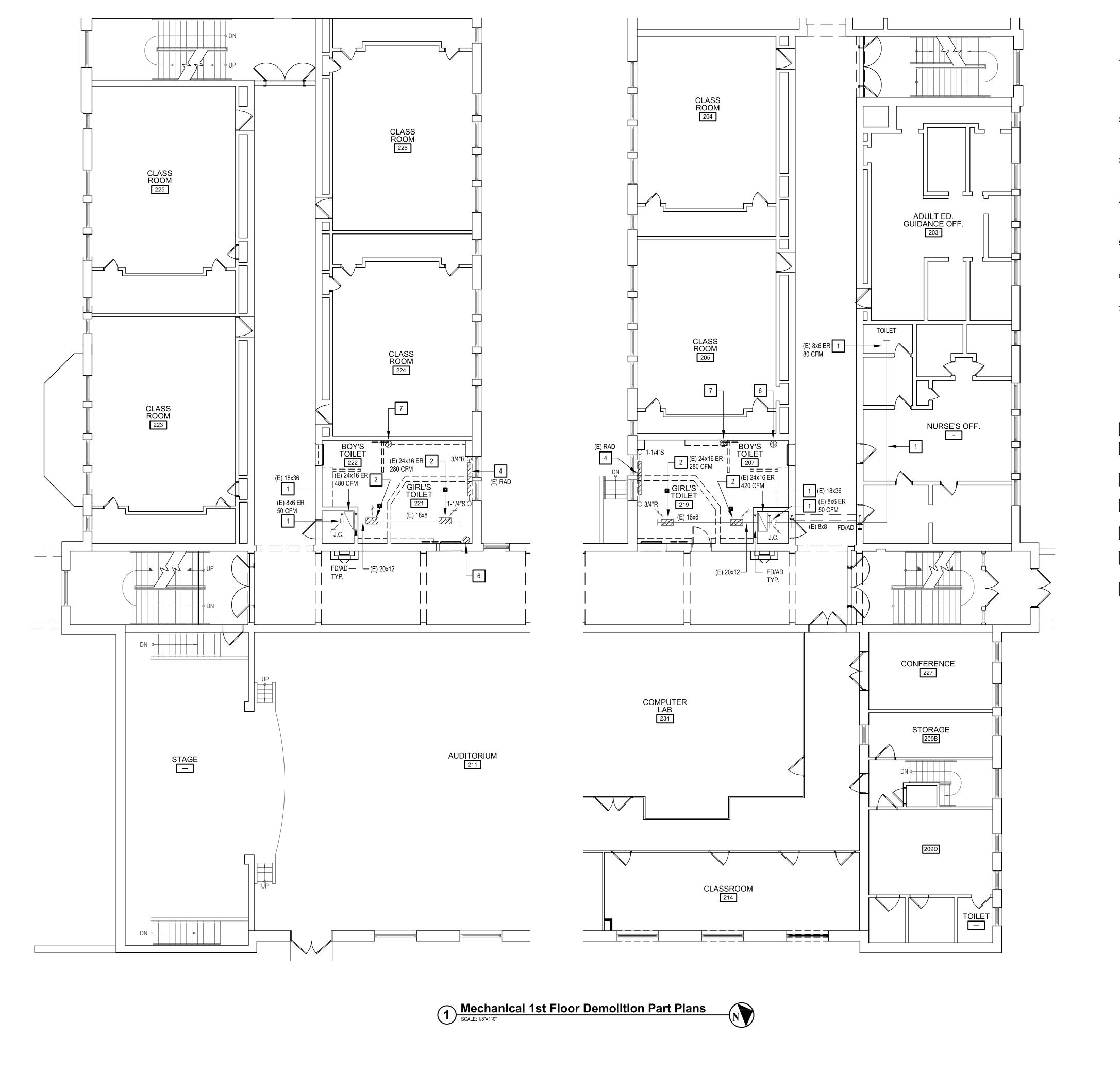
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AREA OF WORK -

2 Key Plan N

MECHANICAL DEMOLITION PLANS GROUND FLOOR

MD 101.00



GENERAL NOTES:

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- 4. OVER-DEMOLITION SHALL BE ALLOWED PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, AND APPEARANCE TO THOSE WHICH WERE REMOVED IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND AT NO ADDITIONAL COST TO THE TOWN.
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- EXISTING STEAM RADIATOR TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO EXISTING STEAM & CONDENSATE RETURN PIPING.
- EXISTING EXHAUST FAN TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO EXISTING DUCTWORK.
- 6 EXISTING ELECTRIC THERMOSTAT (CYPRESS ENVIROSYSTEMS) IN PLASTIC GUARD TO BE DEMOLISHED AND REMOVED (UNDER DIRECTION OF ATC CONTRACTOR). REUSE EXISTING CONTROL POWER SOURCE FOR NEW WORK THERMOSTAT.
- EXISTING PNEUMATIC THERMOSTAT TO BE DEMOLISHED AND REMOVED (UNDER DIRECTION OF ATC CONTRACTOR).



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architects

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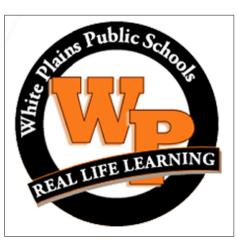


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White Plains City School District

Renovations at Rochambeau Alternative High School



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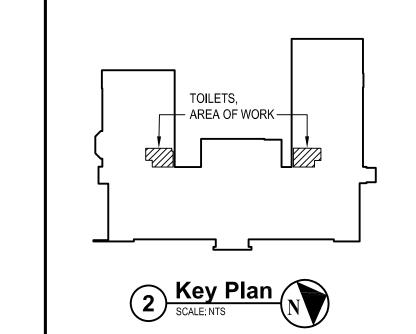
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GENERAL CONSTRUCTION

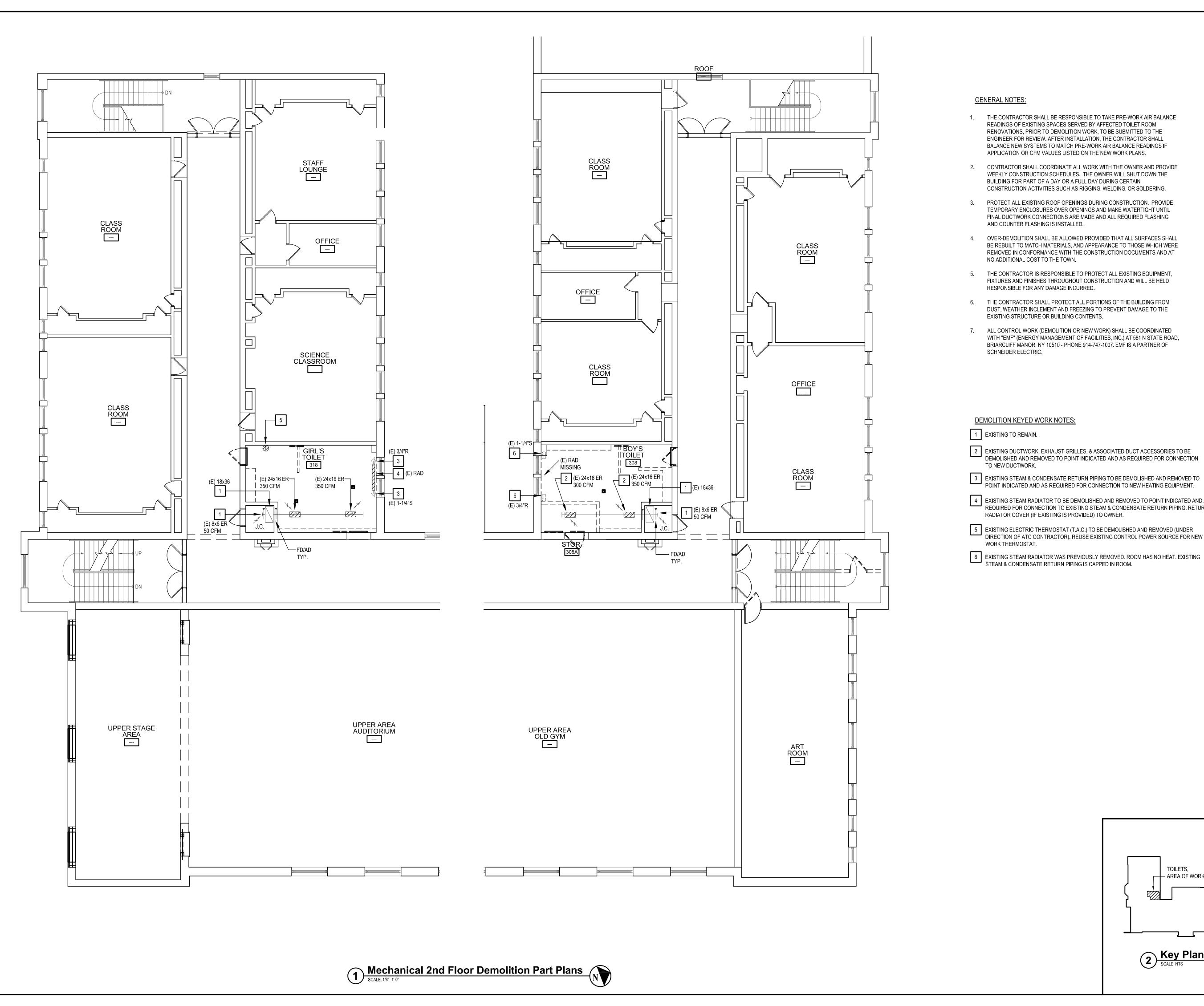
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SHEET TITLE

MECHANICAL DEMOLITION PLANS 1ST FLOOR

MD 102.00





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- 6. THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE BUILDING FROM DUST, WEATHER INCLEMENT AND FREEZING TO PREVENT DAMAGE TO THE EXISTING STRUCTURE OR BUILDING CONTENTS.
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DEMOLITION KEYED WORK NOTES:

- 1 EXISTING TO REMAIN.
- 2 EXISTING DUCTWORK, EXHAUST GRILLES, & ASSOCIATED DUCT ACCESSORIES TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO NEW DUCTWORK.
- 3 EXISTING STEAM & CONDENSATE RETURN PIPING TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO NEW HEATING EQUIPMENT.
- 4 EXISTING STEAM RADIATOR TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO EXISTING STEAM & CONDENSATE RETURN PIPING. RETURN RADIATOR COVER (IF EXISTING IS PROVIDED) TO OWNER.
- 5 EXISTING ELECTRIC THERMOSTAT (T.A.C.) TO BE DEMOLISHED AND REMOVED (UNDER DIRECTION OF ATC CONTRACTOR). REUSE EXISTING CONTROL POWER SOURCE FOR NEW WORK THERMOSTAT.

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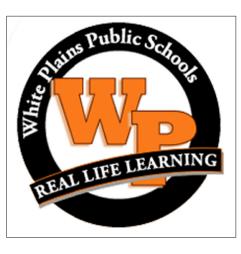
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White Plains City School **District**

Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

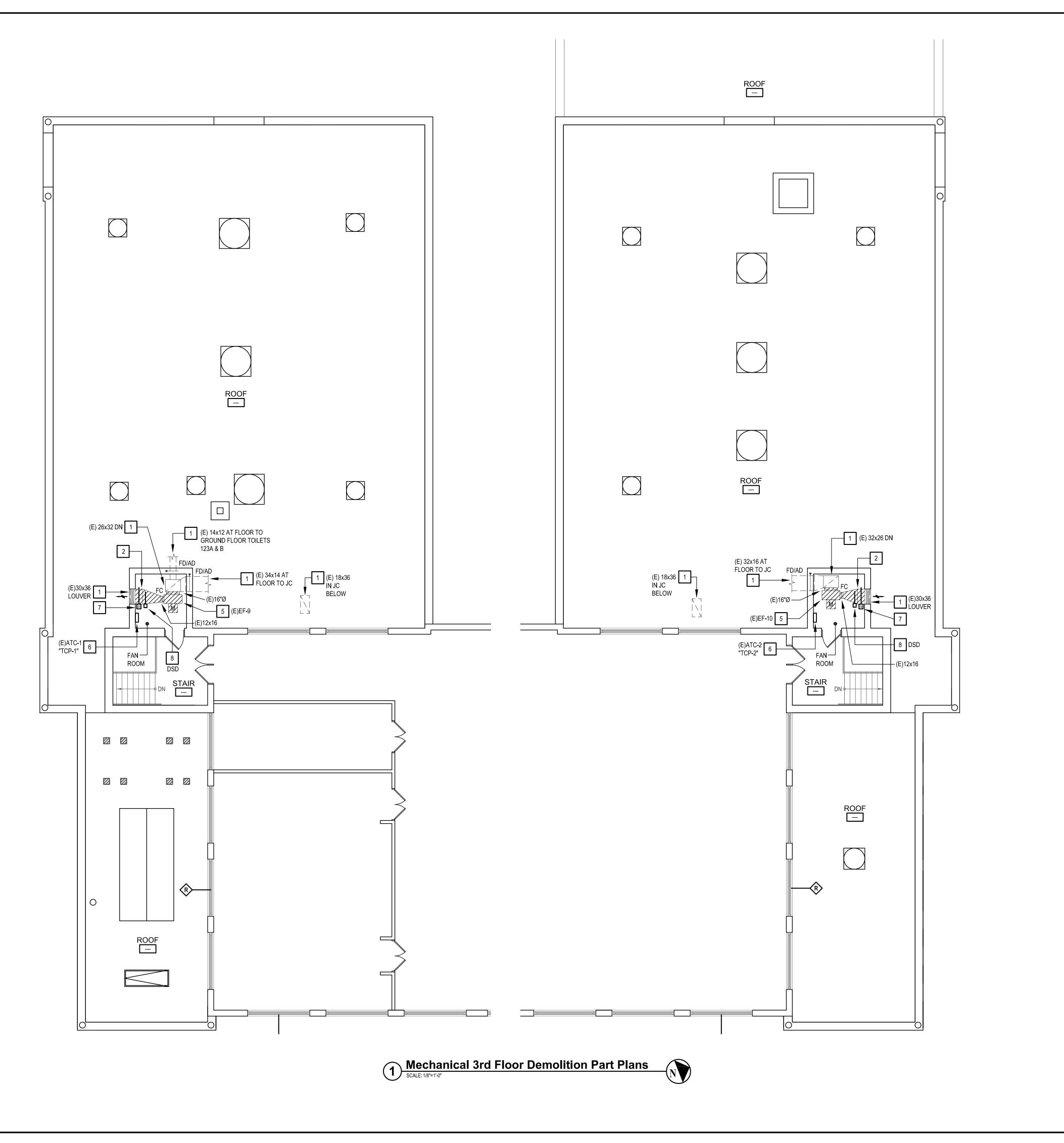
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- AREA OF WORK-

2 Key Plan N

MECHANICAL DEMOLITION PLANS 2ND FLOOR

MD 103.00





- 1. THE CONTRACTOR SHALL BE RESPONSIBLE TO TAKE PRE-WORK AIR BALANCE READINGS OF EXISTING SPACES SERVED BY AFFECTED TOILET ROOM RENOVATIONS, PRIOR TO DEMOLITION WORK, TO BE SUBMITTED TO THE ENGINEER FOR REVIEW. AFTER INSTALLATION, THE CONTRACTOR SHALL BALANCE NEW SYSTEMS TO MATCH PRE-WORK AIR BALANCE READINGS IF APPLICATION OR CFM VALUES LISTED ON THE NEW WORK PLANS.
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- 3. PROTECT ALL EXISTING ROOF OPENINGS DURING CONSTRUCTION. PROVIDE TEMPORARY ENCLOSURES OVER OPENINGS AND MAKE WATERTIGHT UNTIL FINAL DUCTWORK CONNECTIONS ARE MADE AND ALL REQUIRED FLASHING AND COUNTER FLASHING IS INSTALLED.
- 4. OVER-DEMOLITION SHALL BE ALLOWED PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, AND APPEARANCE TO THOSE WHICH WERE REMOVED IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND AT NO ADDITIONAL COST TO THE TOWN.
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DEMOL	ITION	KFYFD	WORK	NOTE

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- EXISTING MOTORIZED DAMPER (INTERLOCKED WITH EXHAUST FAN) TO BE DEMOLISHED AND REMOVED. CONTRACTOR TO VERIFY CONDITION OF EXISTING DAMPER & ACTUATOR TO SEE IF IT CAN BE REUSED. REUSE EXISTING CONTROL POWER SOURCE (VERIFY 120V OR 24V).
- 8 EXISTING DUCT SMOKE DETECTOR SHALL BE REUSED, DISCONNECTED, AND RECONNECTED FOR THE NEW WORK.



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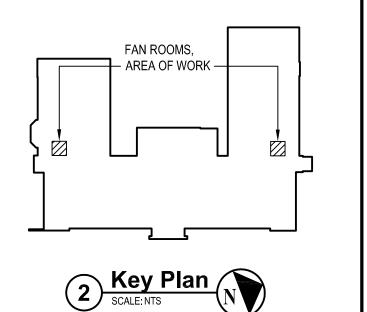
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Renovations at Rochambeau Alternative High School



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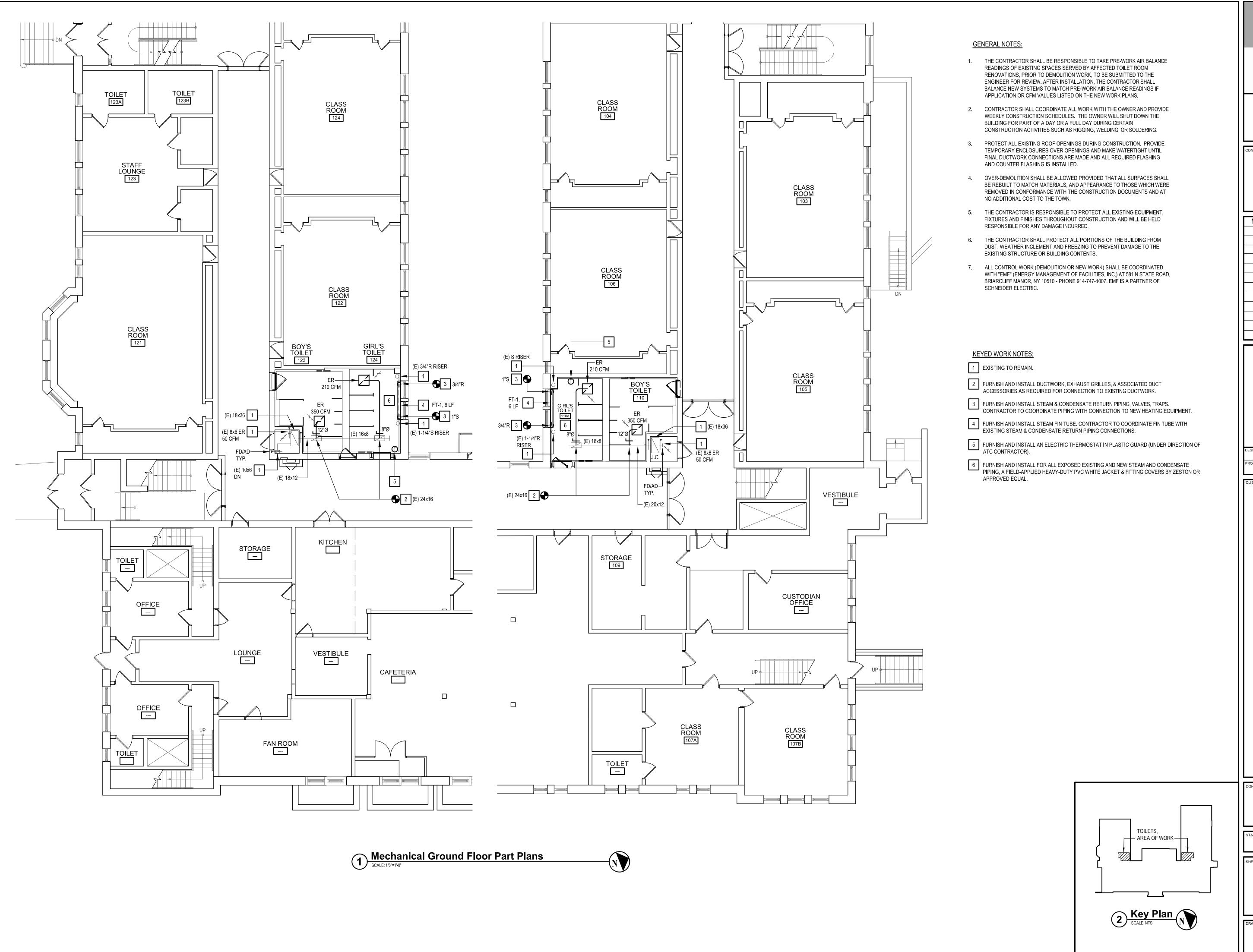
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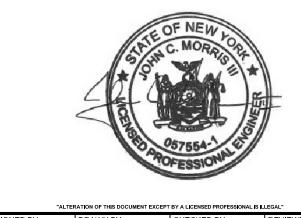


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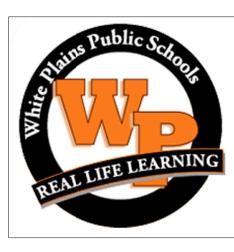
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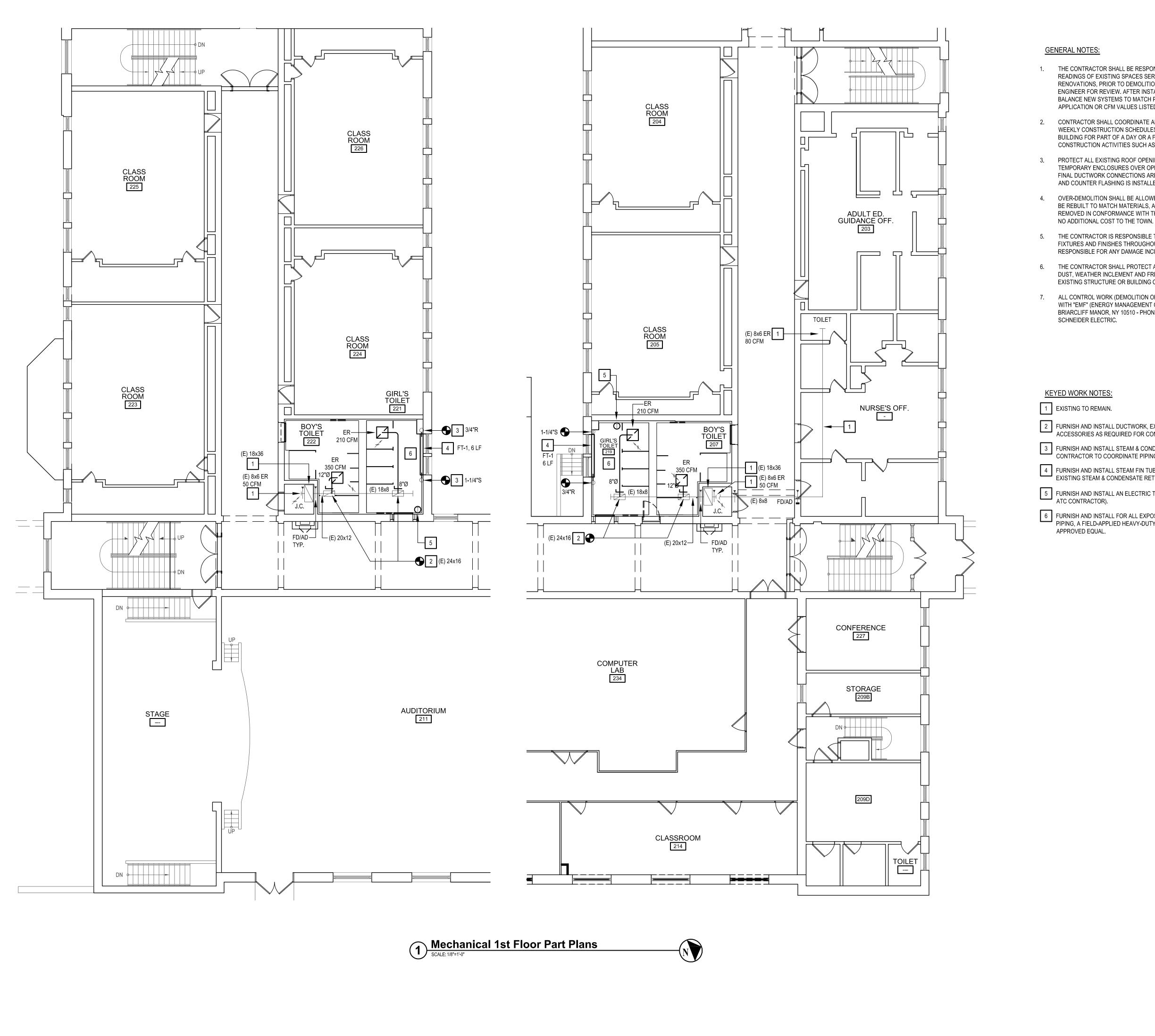
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- FURNISH AND INSTALL STEAM FIN TUBE. CONTRACTOR TO COORDINATE FIN TUBE WITH EXISTING STEAM & CONDENSATE RETURN PIPING CONNECTIONS.
- 5 FURNISH AND INSTALL AN ELECTRIC THERMOSTAT IN PLASTIC GUARD (UNDER DIRECTION OF
- 6 FURNISH AND INSTALL FOR ALL EXPOSED EXISTING AND NEW STEAM AND CONDENSATE PIPING, A FIELD-APPLIED HEAVY-DUTY PVC WHITE JACKET & FITTING COVERS BY ZESTON OR



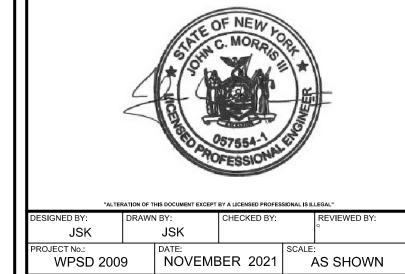
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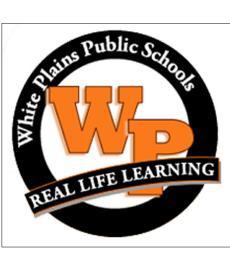
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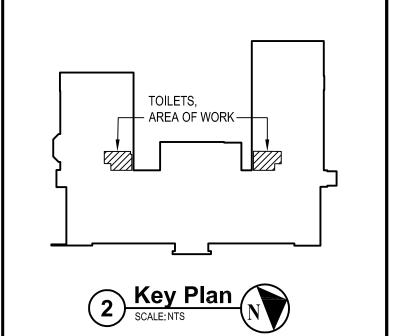
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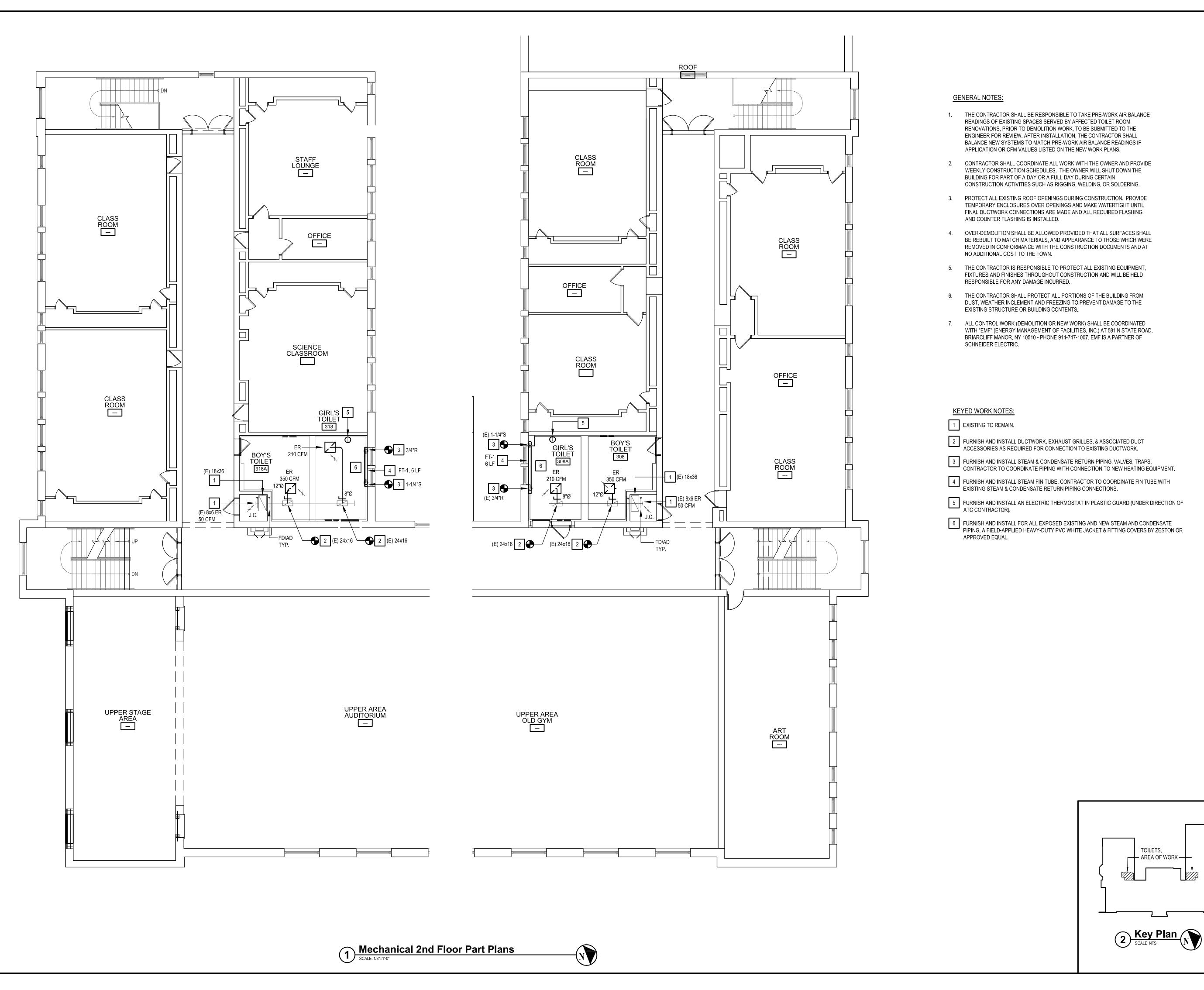
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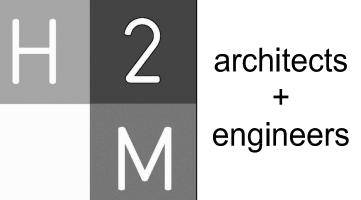
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MECHANICAL PLANS 1ST FLOOR

M 102.00

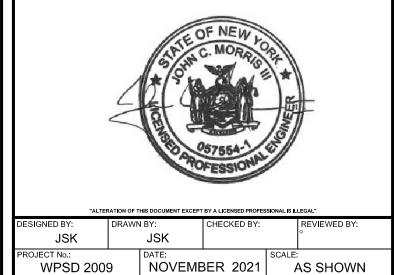






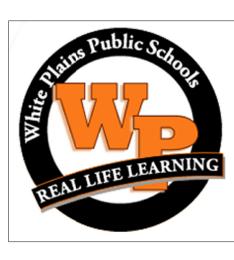
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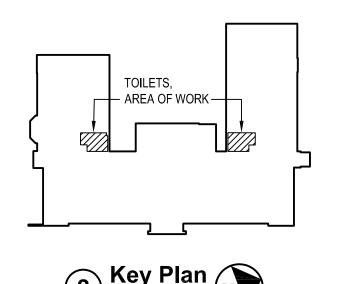
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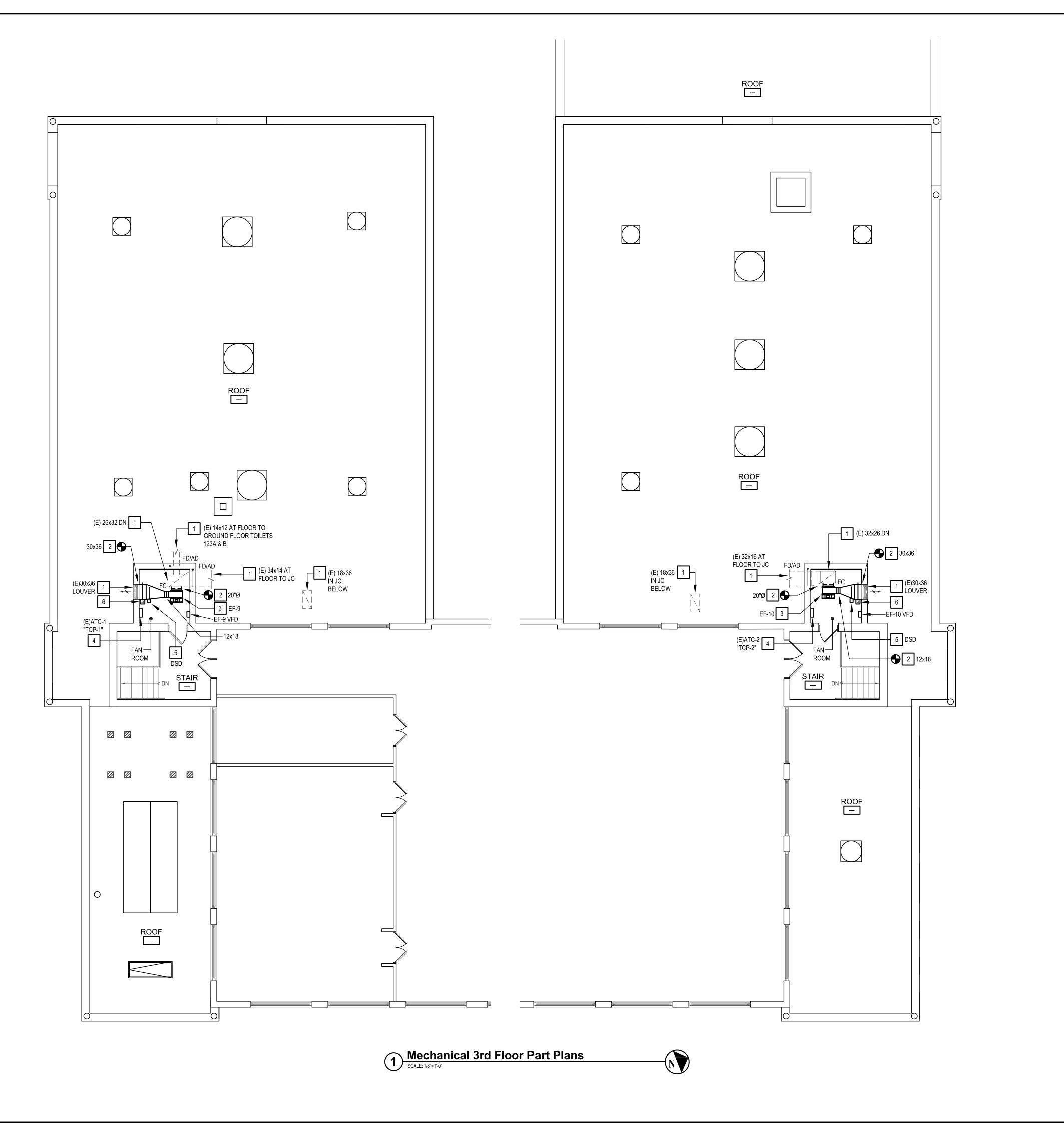


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KEYED WORK NOTES:

1 EXISTING TO REMAIN.

2 CONNECT NEW DUCTWORK TO EXISTING DUCTWORK AND/OR EXISTING DISCHARGE LOUVER.

FURNISH AND INSTALL EXHAUST FAN AND CONNECT TO EXISTING TO EXISTING DUCTWORK AND DISCHARGE LOUVER.

4 EXISTING AUTOMATIC TEMPERATURE CONTROL PANEL SHALL BE MODIFIED & UPGRADED AS REQUIRED FOR INSTALLATION AND ATC INTERFACE OF NEW EXHAUST FAN.

EXISTING DUCT SMOKE DETECTOR SHALL BE REUSED, DISCONNECTED, AND RECONNECTED FOR THE NEW WORK.

FURNISH AND INSTALL MOTORIZED DAMPER (INTERLOCKED WITH NEW EXHAUST FAN)
UNLESS CONTRACTOR VERIFIES THAT EXISTING MOTORIZED DAMPER IS IN GOOD SHAPE AND CAN BE REUSED. OTHERWISE NEW DAMPER SHALL BE GREENHECK MODEL VCD-23 WITH BLADE & JAMB SEALS OR APPROVED EQUAL. REUSE EXISTING CONTROL POWER SOURCE (VERIFY 120V OR 24V).



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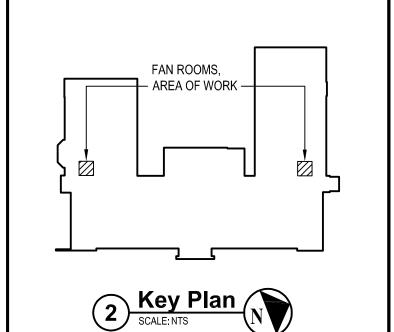
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ROOM	ROOM	EQUIPMENT			ROOM DA	<i>TA</i>			OUTSID	OUTSIDE AIR CFM REQUIRED (VRP)				EXHAUST AIR CFM REQUIRED			DESIGN AIR FLOWS	
NO.	NAME	TAG	TYPE	DISTR	AREA	HGT	NO. OF	NO. OF	PER	PER	BRTH		PER	PER	TOTAL	MIN	EA	
				EFFECT (Ez)	SQ FT (Az)		FIXTURES	PEOPLE (Pz)	PERSON (Rp)	SQ FT (Ra)	ZONE (Vbz)	OA REQ'D	FIXTURE (CODE)	SQ FT (CODE)	REQ'D (CODE)	OA (CFM)	(CFM)	
110	BOY'S TOILET ROOM	EF-10	PUBLIC TOILET	0.8	220	10.5	5						70		350		350	1
110A	GIRL'S TOILET ROOM	EF-10	PUBLIC TOILET	0.8	125	10.5	3						70		210		210	1
123	BOY'S TOILET ROOM	EF-9	PUBLIC TOILET	0.8	220	10.5	5						70		350		350	1
124	GIRL'S TOILET ROOM	EF-9	PUBLIC TOILET	0.8	125	10.5	3						70		210		210	1
207	BOY'S TOILET ROOM	EF-10	PUBLIC TOILET	0.8	220	10.5	5						70		350		350	1
219	GIRL'S TOILET ROOM	EF-10	PUBLIC TOILET	0.8	125	10.5	3						70		210		210	1
221	GIRL'S TOILET ROOM	EF-9	PUBLIC TOILET	0.8	125	10.5	3						70		210		210	1
222	BOY'S TOILET ROOM	EF-9	PUBLIC TOILET	0.8	220	10.5	5						70		350		350	1
308	BOY'S TOILET ROOM	EF-10	PUBLIC TOILET	0.8	125	10.5	5						70		350		350	1
308A	GIRL'S TOILET ROOM	EF-10	PUBLIC TOILET	8.0	125	10.5	3						70		210		210	1
318	GIRL'S TOILET ROOM	EF-9	PUBLIC TOILET	8.0	225	10.5	3						70		210		210	1
318A	BOY'S TOILET ROOM	EF-9	PUBLIC TOILET	8.0	125	10.5	5						70		350		350	1

	EXHAUST FAN SCHEDULE																							
UNIT	SERVICE	LOCATION	MFG	MODEL	TYPE	WHEEL	ARRANGEMENT	WHEEL	DISCHARGE	DRIVE	AIRFLOW	ESP	SPEED	SOUND	MO	TOR DA	TA		PHY	SICAL DA	TA			NOTES
						BLADE		ROTATION	POSITION					POWER	V/P/H	HP	SPEED	DUC	T CONN.	FAN	DIMENSI	IONS	WGT	
						TYPE								INLET/OUTLET				INLET DIA.	OUTLET WxH	Н	L	W		
											(CFM)	(IN WG)	(RPM)	SONES			(RPM)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
EF-9 (CCW)	TOILETS	ROOF	GREENHECK	USF-16	CENTRIFUGAL UTILITY	BI	4	CCW	TAU	DIRECT	2400	0.50	1122	12.4/17.0	208/3/60	1.0	1170	20	12x18	64.26	53	33.54	293	1 TO 20
EF-10 (CW)	TOILETS	ROOF	GREENHECK	USF-16	CENTRIFUGAL UTILITY	BI	4	CW	TAU	DIRECT	2400	0.50	1122	12.4/17.0	208/3/60	1.0	1170	20	12x18	64.26	53	33.54	293	1 TO 20

- 1. MOTOR VFD RATED WITHOUT SHAFT GROUNDING PROTECTION.
- 2. VFD BY MECHANICAL CONTRACTOR. EATON MODEL EHC WITH DISCONNECT.
- 3. MOTOR SIZED FOR FAN RPM OPERATION WITH VFD, NOT POWER LINE HZ.
- 4. MOTOR WITH CLASS B OR GREATER INSULATION.
- 5. FINISH COATED PERMATECTOR, CONCRETE GRAY-RAL 7023, FAN AND ATTACHED ACCESSORIES.

3. PROVIDE ALL NECESSARY END CAPS, WALLBRACKETS AND ACCESS DOORS AS REQUIRED FOR INSTALLATION.

- 6. DISCONNECT SWITCH NEMA 3R, TOGGLE, FOR INDOOR OR OUTDOOR USE.
- 7. DIRECT MOUNT ISOLATORS, SPRING, RESTRAINED, 1-INCH.
- 8. HOUSING WELDED SCROLL.

4. CUSTOM COLOR SELECTION BY ARCHITECT.

- 9. ABBREVIATIONS: TAU: TOP ANGULAR UPBLAST, BI: BACKWARD INCLINED, CW: CLOCKWISE, CCW: COUNTER CLOCKWISE.
- 10. UL LISTED FOR 705 "POWER VENTILATORS" AND ACMA RATED.

- 11. ACCESS DOOR HINGED.
- 12. EQUIPMENT SUPPORTS (QUANTITY 2), GESI-52-4-G8, NO COATING.
- 13. DRAIN CONNECTION 1" PIPE THREAD WITH PLUG.
- 14. INLET CONNECTION, SLIP-FIT.
- 15. OUTLET FLANGE, PUNCHED.
- 16. MOTOR COVER, STEEL.
- 17. UNIT WARRANTY: 1 YEAR STANDARD.
- 18. REMOTE MOTORIZED DAMPER, GREENHECK MODEL VCD-23 WITH BLADE & JAMB SEALS. VERIFY EXISTING CONTROL POWER (120V OR 24V).
- 19. SURE-AIRE FLOW STATION (NO ELECTRONICS).
- 20. INTERLOCK EXHAUST FAN WITH AUTOMATIC TEMPERATURE CONTROL SYSTEM.

UNIT	MFG	MODEL	MTD.	GRILLE	ELEMENT								PHYSICAL DATA			NOTES
			TYPE	TYPE	TUBE	FIN	FIN	FIN	NO.	ROOM	STEAM	BTU	Н	W	L	1
					SIZE	SIZE	/INCH	THICKNESS	OF	TEMP	TEMPERATURE	/FT				
					(INCH)	(INCH)		(INCH)	TIERS	(F)	(DEGREES F)		(INCH)	(INCH)	(INCH)	
FT-1	STERLING	VERSA-LINE JVB-S	WALL	"S" SLOPE TOP	3/4	4-1/4 x 3-5/8	50	0.2	2	65	215	3110	24	5-5/16	SEE PLANS	1,2,3,4
NOTES:		NS FOR LENGTHS OF AC														

	NOTES	TA
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(INCH)		
SEE PLANS	1,2,3,4	ΕŒ
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NOTES

EG

1. COLOR AND MOUNTING STYLE SELECTION BY ARCHITECT. PROVIDE COLOR SAMPLE, OTHERWISE STANDARD FINISH IS #26 WHITE.

GRILLE SCHEDULE

MODULE

SIZE

(IN)

24x24

24x24

24x24

24x24

24x24

MOUNT

TYPE

LAY-IN

LAY-IN

LAY-IN

LAY-IN

NECK AIRFLOW

(CFM)

0-120

121-210

211-325

326-475

476-640

RANGE RATING

28

28

SIZE

(IN)

6" DIA.

8" DIA.

10" DIA.

14" DIA.

12" DIA.

PRESS

LOSS

(IN WG)

0.1

0.1

0.1

0.1

0.1

1, 2, 3, 4

1, 2, 3, 4

1, 2, 3, 4

1, 2, 3, 4

1, 2, 3, 4

2. GRILLES SHALL BE OF STEEL CONSTRUCTION WITH FLUSH PERFORATED FACE.

TITUS

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3. PROVIDE VOLUME DAMPER IN BRANCH DUCT.

EXHAUST GRILLE

EXHAUST GRILLE

EXHAUST GRILLE

EXHAUST GRILLE

EXHAUST GRILLE

4. CONTRACTOR TO VERIFY CEILING TYPE, GRID MODULE, AND LAY-IN FRAME TYPES.

MODEL

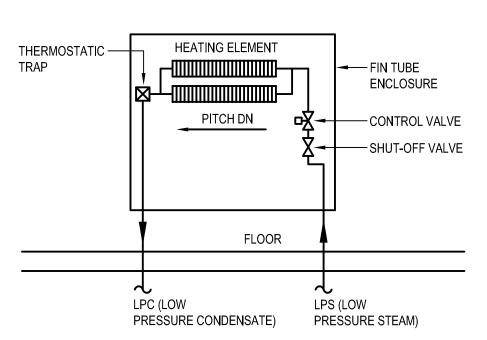
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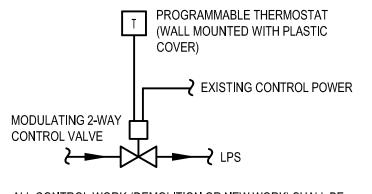
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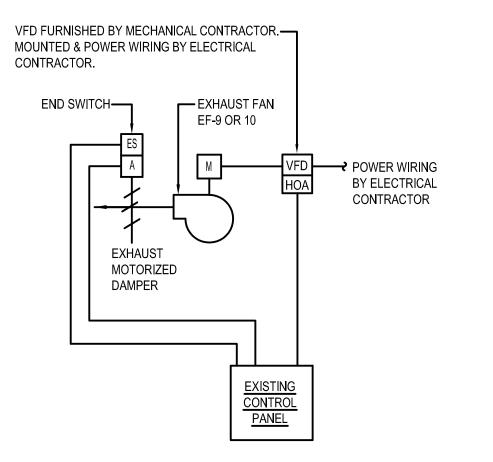
Steam Fin Tube - Piping Detail
SCALE: NTS



ALL CONTROL WORK (DEMOLITION OR NEW WORK) SHALL BE COORDINATED WITH "EMF" (ENERGY MANAGEMENT OF FACILITIES, INC.) AT 581 N STATE ROAD, BRIARCLIFF MANOR, NY 10510 - PHONE 914-747-1007. EMF IS A PARTNER OF SCHNEIDER

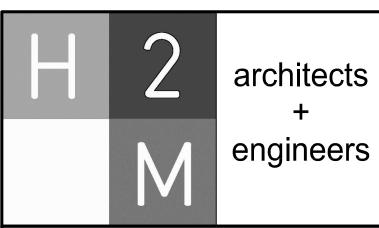
Steam Fin Tube - Control Schematic

SCALE: NTS



ALL CONTROL WORK (DEMOLITION OR NEW WORK) SHALL BE COORDINATED WITH "EMF" (ENERGY MANAGEMENT OF FACILITIES, INC.) AT 581 N STATE ROAD, BRIARCLIFF MANOR, NY 10510 - PHONE 914-747-1007. EMF IS A PARTNER OF SCHNEIDER

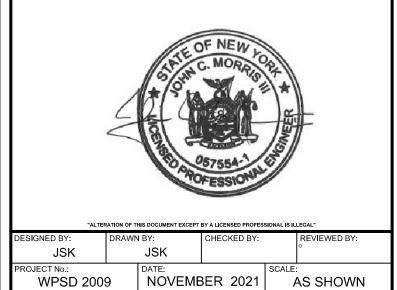
3 Exhaust Fan - Control Schematic Scale: NTS



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CONSULTANTS:			

ARK	DATE	DESCRIPTION
-	11-03-21	FINAL BID SET
	ARK	- 11-03-21



White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

MECHANICAL SCHEDULE AND DETAILS

M 300.00

LEGEND				
SYMBOL	DESCRIPTION			
O	PIPING UP			
C	PIPING DOWN			
C	PIPING RISE OR DROP			
U	BRANCH-TOP CONNECTION			
	BRANCH-BOTTOM CONNECTION			
	REDUCER			
——————————————————————————————————————	CLEANOUT			
<u> </u>	FLOOR CLEANOUT			
	CAPPED PIPE			
M	METER			
0	FLOOR DRAIN			
<u> </u>	AQUASTAT			
	PUMP			
	STRAINER			
	UNION			
	THERMOSTATIC MIXING VALVE			
	BALANCING VALVE (BLV)			
T	GLOBE VALVE (GLV)			
	CHECK VALVE (CV)			
	GAS COCK, GAS STOP			
<u></u> ιδι	BALL VALVE (BV)			
<u></u>	BUTTERFLY VALVE (BFV)			
S _C	SOLENOID VALVE			
	PRESSURE-REDUCING VALVE (PRV)			
——————————————————————————————————————	GATE VALVE (GV)			
—\ <u>></u>	PRESSURE-RELIEF VALVE (RV)			
-M9 HM-	BACKFLOW PREVENTER			
*+	FROST FREE HOSE BIBB			
	HOSE BIBB			
<u> </u>	RECESSED-BOX HOSE BIBB OR			
	WALL HYDRANT EXPANSION JOINT			
•	WATER HAMMER ARRESTER			
HDO	VALVE IN RISER			
CO T	WALL CLEANOUT (WCO)			
—	PITCH DOWN OR UP IN DIRECTION			
	OF ARROW FLOW IN DIRECTION OF ARROW			
	COLD WATER (CW)			
	TEMPERED WATER (TW)			
	HOT WATER (HW)			
	TEMPERED WATER RETURN (TWR)			
	HOT WATER RETURN (HWR)			
	WASTE PIPING (W,S,OW)			
	BELOW SLAB WASTE PIPING			
	VENT PIPING (V)			
	GAS PIPING (G)			
<u> </u>	PIPING / EQUIPMENT TO BE REMOVED			
/////	POINT OF CONNECTION			
	POINT OF DISCONNECTION			
	. C C. DIOCOMILLONOM			

	ABBREVIATIONS
AFF	ABOVE FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
втин	BTU PER HOUR
CLG	CEILING
со	CLEAN OUT
CODP	CLEAN OUT DECK PLATE
COWP	CLEAN OUT WALL PLATE
CW	COLD WATER
(D)	DEMOLISH
DCV	DOUBLE CHECK VALVE DEVICE
DEG. F	° FAHRENHEIT
DIA	DIAMETER
DN	DOWN
(E)	EXISTING
EA	EACH
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
G	GAS
'GC'	GENERAL CONSTRUCTION CONTRACTOR
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
'H'	HVAC CONTRACTOR
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
IN.	INCHES
IN. W.C.	INCHES INCHES WATER COLUMN (WATER GAUGE)
(W.G.)	
KW	KILOWATTS POUNDS
LBS	METER
MAY	
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OD (D)	OUTER DIAMETER
(P)	PROPOSED
'P'	PLUMBING CONTRACTOR
PD	PRESSURE DROP
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAN/S	SANITARY
ST	STORM DRAIN
TEMP	TEMPERATURE
TYP	TYPICAL
TW	TEMPERED WATER (110°F)
TWR	TEMPERED WATER RETURN
V	VENT
VTR	VENT THROUGH ROOF
	<u> </u>

GENERAL PLUMBING NOTES

- 1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PLUMBING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
- 2. THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF BIDS.
- PERFORM ALL WORK IN ACCORDANCE WITH THE 2020 NEW YORK STATE PLUMBING (NYSPC), FIRE (NYSFC), MECHANICAL (NYSMC), ENERGY CONSERVATION CONSTRUCTION (NYSECC), AND FUEL GAS (NYSFGC) CODE AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
- 4. COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE REQUIREMENTS OF DIVISION 26 FOR ALL ELECTRICAL INSTALLATIONS.
- 5. APPLY FOR AND SECURE ALL REQUIRED PERMITS AND INSPECTIONS AND PAY ALL COSTS FOR THE SAME.
- 6. FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, CONDUIT, ETC.
- 7. DO NOT SCALE DRAWINGS. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE.
- 8. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURERS REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE, CONTRACTORS INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTORS FABRICATED ITEMS TO ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY EQUIPMENT.
- 9. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
- 10. FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK. OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.
- 11. PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
- 12. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING AND EQUIPMENT INSTALLATION REQUIREMENTS.
- 13. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER CERTIFIED ACCURACY.
- 14. COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
- 15. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES.

 COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
- 16. COMPLETE ALL PRESSURE TESTS BEFORE ANY PLUMBING EQUIPMENT, OR PIPING INSULATION IS APPLIED.
- 17. MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS. THE USE OF C-CLAMPS IS NOT PERMITTED.
- 18. PROVIDE CONCRETE PADS A MINIMUM OF 4 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
- 19. INSTALL PIPING, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- 20. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL ACCESSIBLE FIXTURES. MOUNT ALL SUCH FIXTURES IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- 21. PROVIDE ACCESS DOORS IN WALLS, PARTITIONS, AND CEILINGS AS REQUIRED TO MAKE VALVES, WATER HAMMER ARRESTERS, ETC. READILY ACCESSIBLE.
- 22. ARRANGE FOR, COORDINATE, AND MAKE CONNECTION TO ALL SERVICES PROVIDED BY OTHERS. CONFORM TO ALL REQUIREMENTS APPLICABLE TO CONNECTIONS IMPOSED BY UTILITY COMPANIES AND AUTHORITIES HAVING
- 23. INSTALL FIXTURES AND EQUIPMENT WITH VALVES, UNIONS, ETC. TO ALLOW FOR EASE OF SERVICE AND/OR REMOVAL.
- 24. CORE DRILL ALL PENETRATIONS THROUGH CONCRETE FLOORS, WALLS, AND FOOTINGS.
- 25. INSTALL LINK SEAL TYPE PROTECTION FOR WATER RESISTANT SEALS AT ALL SLAB AND BELOW GROUND WALL FOOTING PENETRATIONS.
- 26. PROVIDE A CLEANOUT AT THE BASE OF WASTE AND VENT STACKS WITH FINISHED WALL PLATE IN FINISHED WALLS.
- 27. FURNISH AND INSTALL WATER PRESSURE REDUCING VALVE AND PRESSURE RELIEF VALVE IN ACCORDANCE WITH THE NEW YORK STATE PLUMBING CODE ON ALL INCOMING DOMESTIC WATER SYSTEMS IN EXCESS OF 80 P.S.I.G.
- 28. COVER ALL COPPER PIPING BELOW SLAB WITH "ARMAFLEX" TYPE INSULATION.
- 29. SLOPE ALL VENT PIPING TO DRAIN BACK TO THE DRAINAGE SYSTEM.
- 30. FLUSH AND DISINFECT ALL DOMESTIC POTABLE WATER PIPING AND TEST THE WATER IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE. PROVIDE CERTIFICATE OF PERFORMANCE AND LABORATORY TEST REPORT TO LOCAL AUTHORITIES HAVING JURISDICTION AND OBTAIN THEIR APPROVAL.
- 31. PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK CLOSING FIXTURE VALVE LOCATIONS.
- 32. ALL PIPING, VALVES AND FITTINGS USED FOR POTABLE WATER SHALL BE NSF 61/372 COMPLIANT AND BE TESTED FOR LOW LEAD.
- 33. ANY PENETRATIONS THROUGH AIR BARRIER SHALL BE SEALED AS PER 2020 NYSECC RESIDENTIAL AND COMMERCIAL PROVISIONS.
- 34. ALL PIPING IN PLENUM SPACES SHALL BE CAST IRON FOR SANITARY, STORM, VENT SYSTEMS, AND COPPER PIPING FOR DOMESTIC SYSTEMS, AND STEEL PIPING FOR GAS SYSTEMS. NO PLASTIC PIPING ALLOWED.

NOTE:

- . ALL FAUCETS, FITTINGS, AND VALVES MUST COMPLY WITH NSF 61 AND ASTM 372 FOR LOW LEAD PERCENTAGE
- 2. CONTRACTOR SHALL BE RESPONSIBLE TO DEMONSTRATE COMPLIANCE WITH THE NYS DEPARTMENT OF HEALTH LEAD IN WATER REGULATION (10 NYCRR 67-4).
- 3. AT THE CONCLUSION OF NEW PLUMBING WORK, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE SERVICES OF A THIRD PARTY NYS LICENSED ENVIRONMENTAL TESTING LABORATORY TO PROVIDE LEAD TESTING AT ALL NEW LAVATORIES, SINKS, SHOWERS, DRINKING FOUNTAINS AND ALL OTHER FIXTURES WHERE WATER MAY BE CONSUMED FOR DRINKING. TWO COPIES OF THE REPORT MUST BE SUBMITTED, ONE COPY TO THE ENGINEER AND THE OTHER ONE TO THE OWNER.

PLUMBING FIXTURES								
			MINIMUM CONNECTION SIZES (IN)					
FIXTURE NO.	DESCRIPTION	COLD	COLD WATER		HOT WATER		DRAIN	
		SIZE	FU	SIZE	FU	SIZE	DFU	V
LAV-1	LAVATORY - WALL MOUNT	1/2	1.5	1/2	1.5	1 1/2	1	1 1/2
WC-1	WATER CLOSET - FLOOR MOUNT - FLUSHOMETER	1	10	-	-	4	4	2
WC-2	WATER CLOSET - FLOOR MOUNT - FLUSHOMETER - ADA		10	-	-	4	4	2
FD-1	FLOOR DRAIN - SEE NOTE 4	1/2	-	-	-	3	2	2
UR-1	URINAL - WALL MOUNT - FLUSHOMETER	3/4	5	-	-	3	4	2
UR-2	URINAL - WALL MOUNT - FLUSHOMETER - ADA	3/4	5	-	-	3	4	2
HB-1	HOSE BIBB	1/2"	-	-		-	-	-

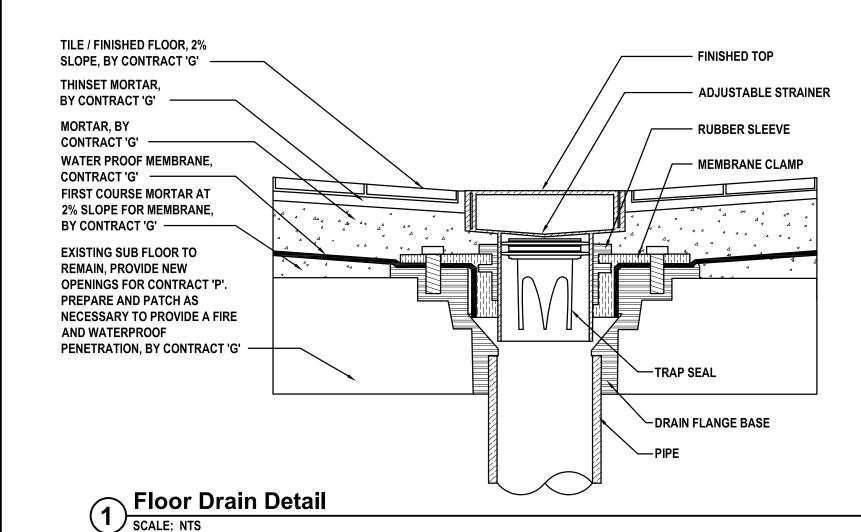
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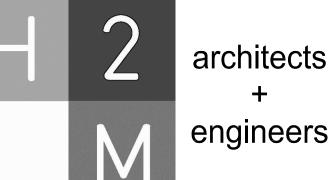
1. CHROME PLATE ALL DRAIN PIPE, FITTINGS, P-TRAPS AND SUPPLY LINES THAT ARE EXPOSED, LOCATED WITHIN VANITIES OR ACCESSIBLE CABINETS OR BEHIND WATER CLOSETS. INSULATE ALL EXPOSED DRAIN AND WATER PIPING FOR ADA LAVATORIES.

2. SEE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBERS

3. MINIMUM CONNECTION SIZES INDICATED ARE EQUIPMENT CONNECTION SIZES OR CODE MINIMUM SIZES, SEE PLANS AND DIAGRAMS FOR ACTUAL SIZES REQUIRED

4. ALL FLOOR DRAINS SHALL HAVE TRAP SEAL ZURN MODEL Z1072.

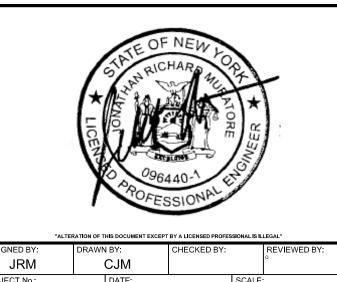




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-	11-03-21	FINAL BID SET



White Plains City School District

WPSD 2009 NOVEMBER 2021 AS SHOWN

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

CONTRACT

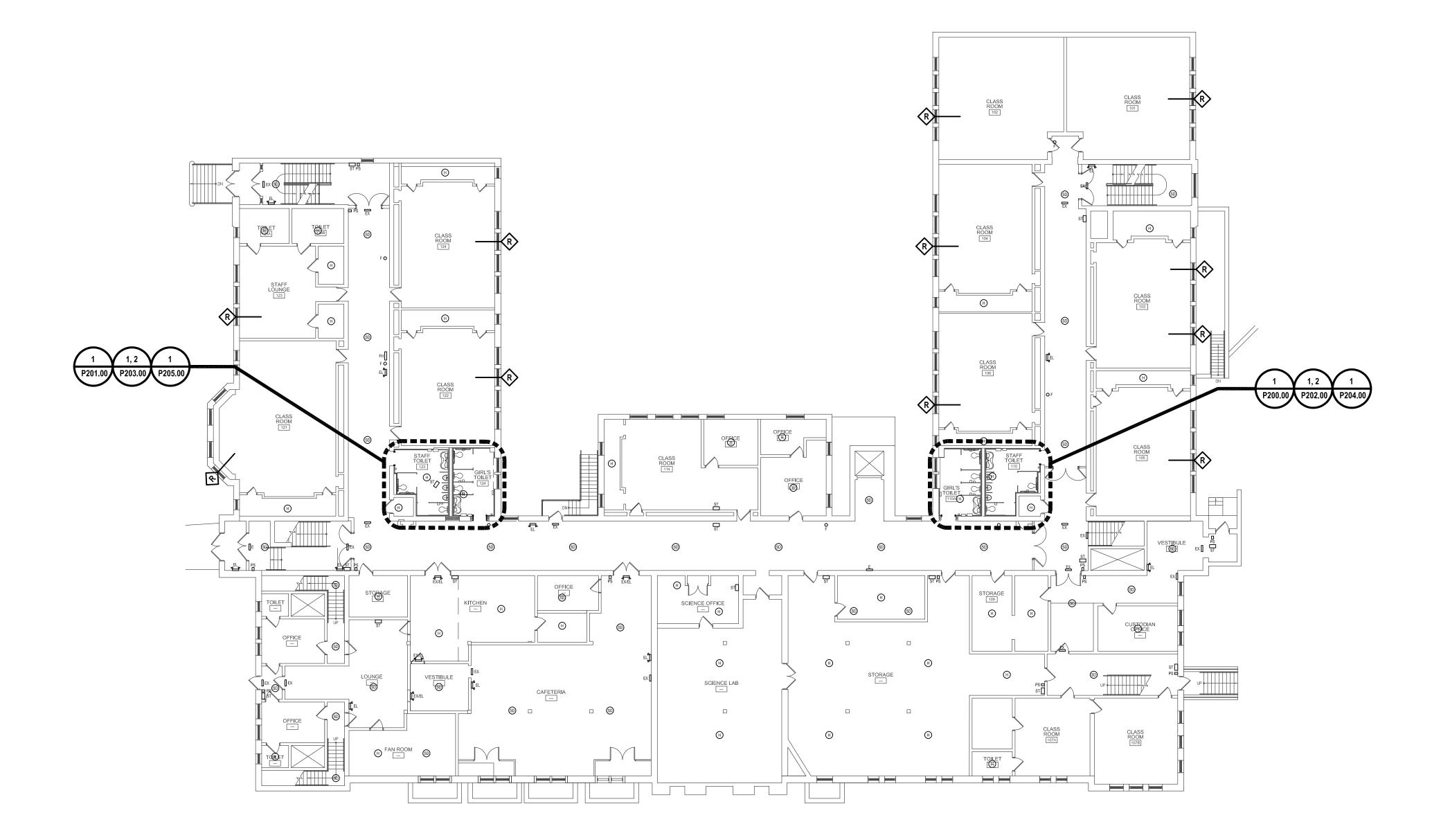
CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

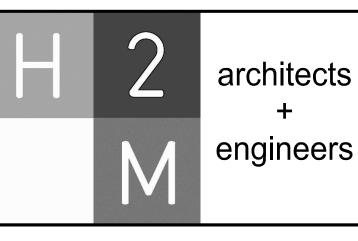
SHEET TITLE

GENERAL NOTES, LEGENDS, AND ABBREVIATIONS

P000.00







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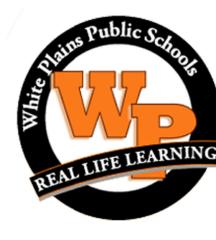
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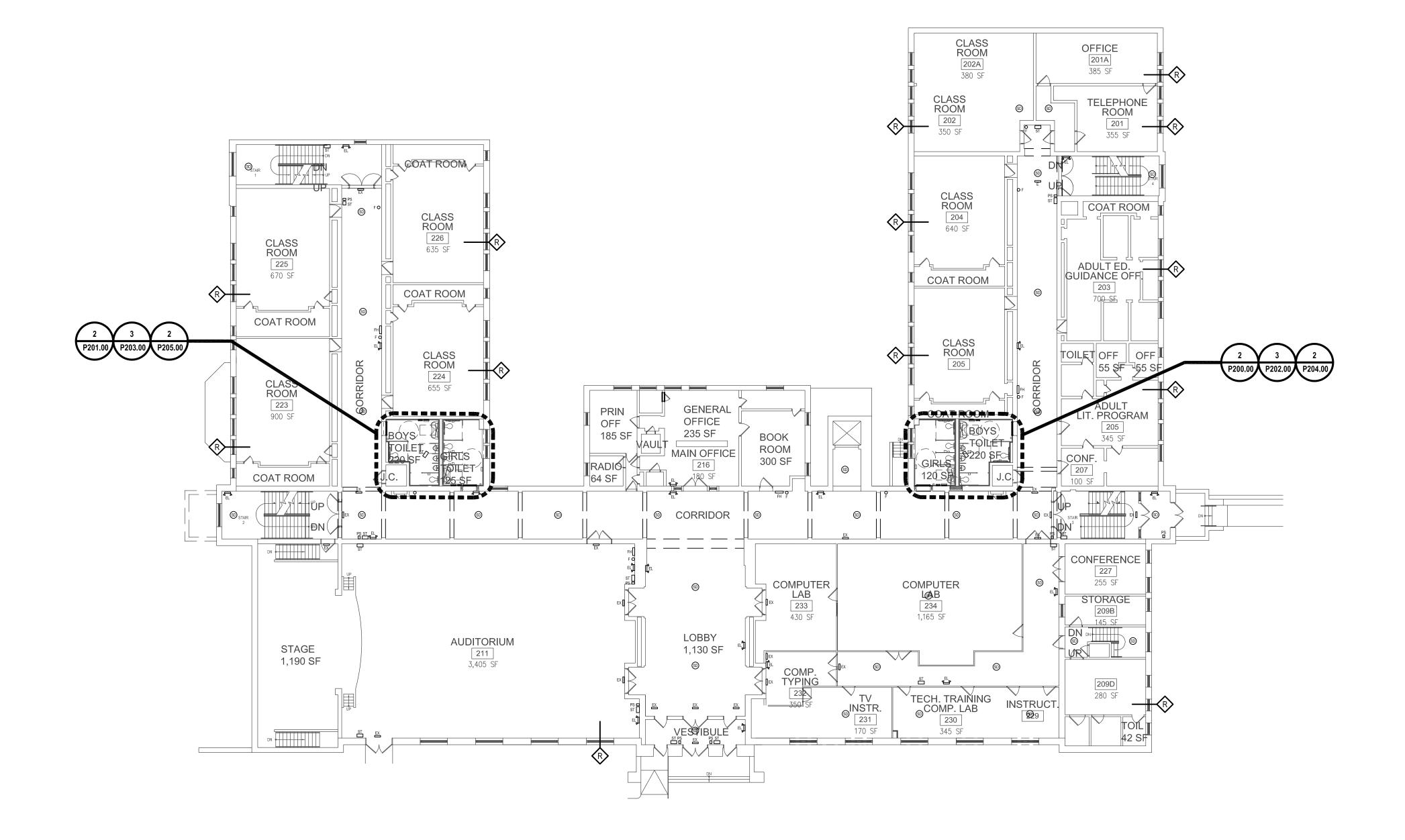
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GENERAL CONSTRUCTION

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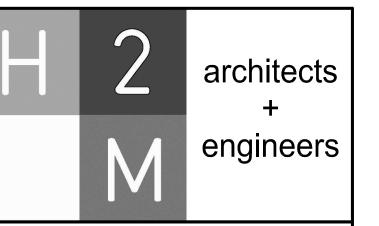
SHEE

GROUND FLOOR PLAN KEY PLAN

P100.00



First Floor Plumbing Key Plan
SCALE: 1/16"=1'-0"



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	JRM	C	SJM			Q
	PROJECT No.: WPSD 2009	1.	NOVEME	BER 2021	SCALE:	AS SHOWN

White Plains City School District

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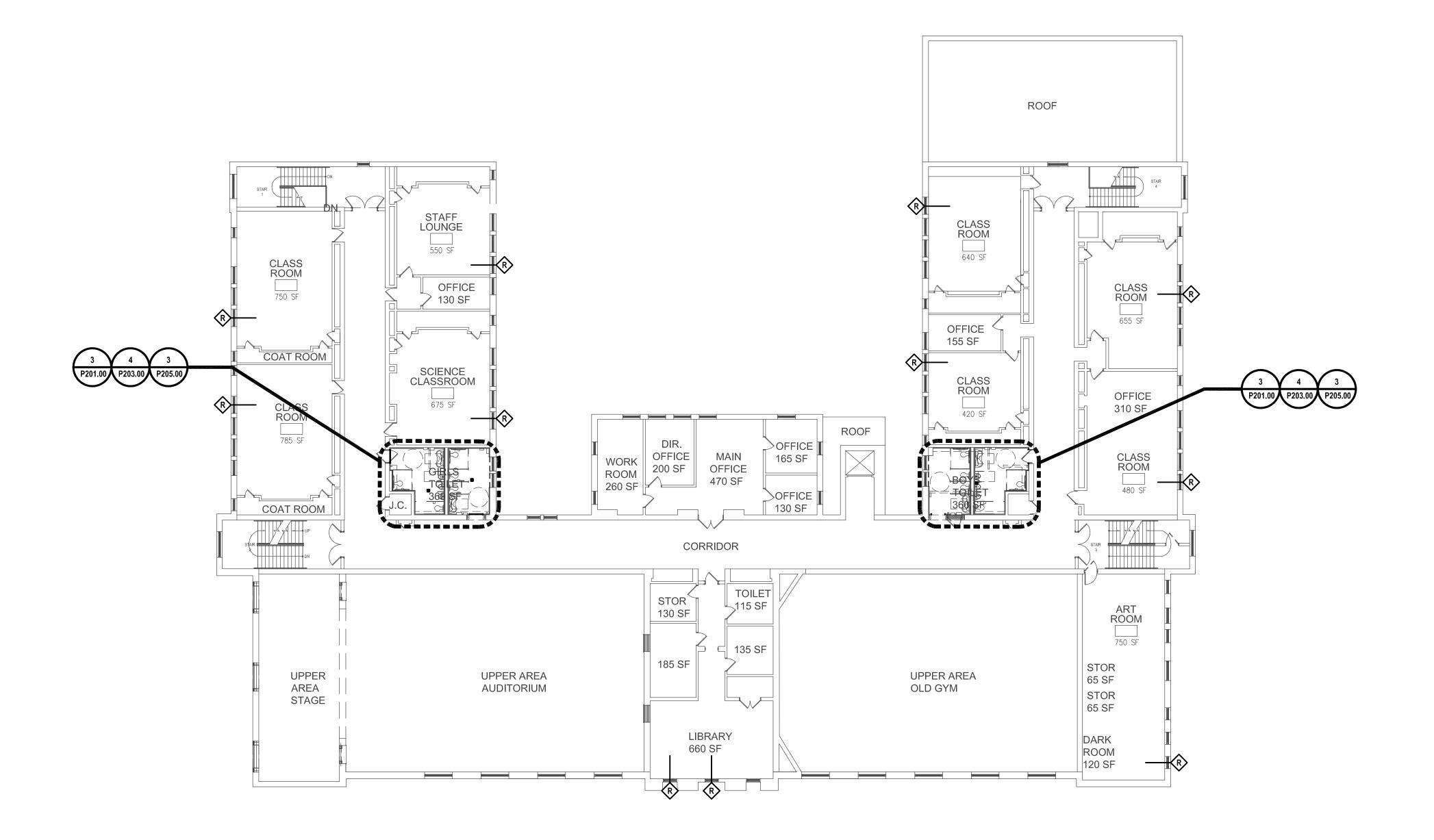
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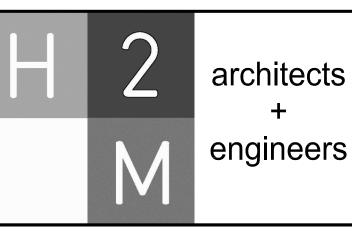
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FIRST FLOOR PLUMBING KEY PLAN

P101.00



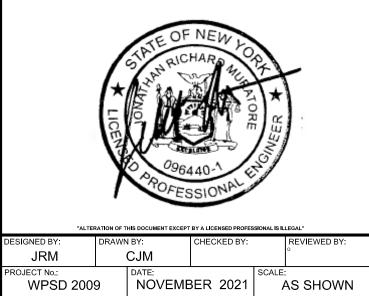




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White Plains City School District

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CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

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SECOND FLOOR PLUMBING KEY PLAN

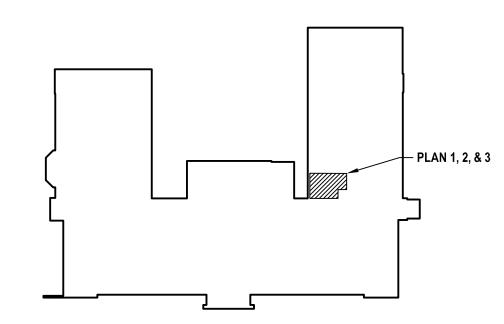
P102.00

PLUMBING DEMOLITION NOTES

- 1. ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE TO EXISTING CONDITIONS SURFACE DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
- CONTRACTORS SITE ACCESS SHALL BE AS CALLED OUT ON SHEET A0.0. THE CONTRACTOR SHALL ADEQUATELY PROTECT THE WALLS, FLOOR, AND FINISHES WITHIN STAIRWELLS AND SERVICE ELEVATOR FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND RESTORE ALL SURFACES THAT ARE DAMAGED TO THE SATISFACTION OF THE ARCHITECT.
- THE CONTRACTOR SHALL TAKE CARE AS TO ADEQUATELY PROTECT ALL ADJOINING CLASSROOMS, CLOSETS, CORRIDORS, CRITICAL BARRIERS (DUCTS, VENTS, ETC.), AND OTHER SPACES FROM DUST AND DEBRIS DURING THE DEMOLITION AND INSTALLATION OF THE FLOORING, CEILINGS, LOCKERS, AND PAINTING. THE CONTRACTOR SHALL BE RESPONSIBLE TO WIPE DOWN AND CLEAN ALL AFFECTED ROOMS UPON COMPLETION OF THE PROJECT.
- ALL EQUIPMENT SHALL BE EXISTING TO REMAIN UNLESS PROJECT DURATION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE OR NON-WORKING EQUIPMENT PRIOR TO WORK STARTING AND FOLLOWING INSTALLATION OF NEW FINISHES, SHALL VERIFY THAT ALL OF THE ITEMS ARE IN PROPER WORKING ORDER UPON COMPLETION.

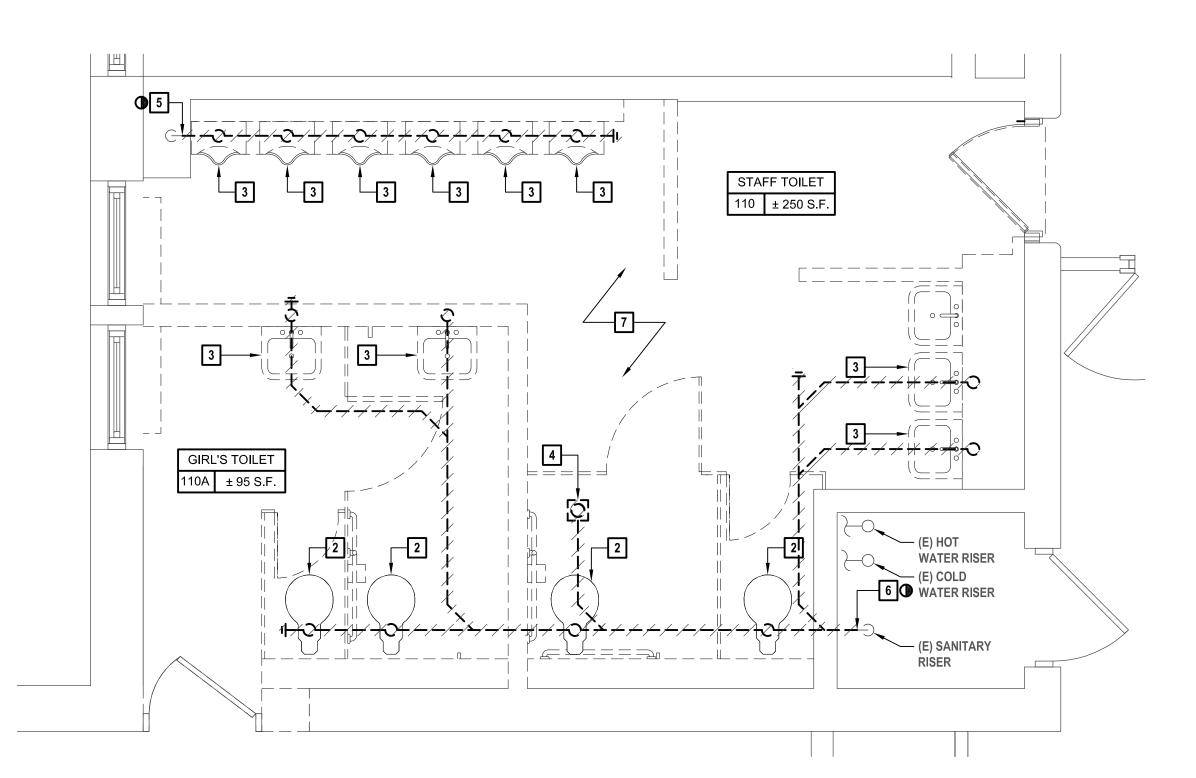
X KEYED DEMOLITION NOTES

- 1. PLUMBING FIXTURE TO BE REMOVED AND DISPOSED OF, CUT AND CAP EXISTING SANITARY PIPING AT FLOOR LEVEL TO BE TILLED
- 2. EXISTING TOILET TO BE REMOVED AND DISPOSED OF. 4" SANITARY AND 2" VENTING TO BE REMOVED UNDERSLAB. SEE PLANS FOR EXTENT OF PIPE DEMOLITION.
- EXISTING LAVATORY AND URINAL TO BE REMOVED AND DISPOSED OF, CUT AND CAP EXISTING SANITARY PIPING AT FLOOR LEVEL AND EXISTING VENT PIPING ABOVE CEILING AND PREPARE FOR RECONNECTION.
- EXISTING FLOOR DRAIN TO BE REMOVED AND DISPOSED OF. CUT AND CAP PIPING AT FLOOR LEVEL TO BE TILED OVER. SEE PLANS FOR EXTENT OF PIPE DEMOLITION.
- 5. EXISTING SANITARY SHALL BE CUT AND CAPPED AT EXISTING
- EXISTING SANITARY SHALL BE CUT AND CAPPED AT EXISTING RISER AND PREPARE RISER FOR FUTURE CONNECTION.
- ALL COLD AND HOT WATER PIPING SHALL BE CUT AND CAPPED AT EXISTING RISERS AND PREPARE RISER FOR FUTURE CONNECTION.

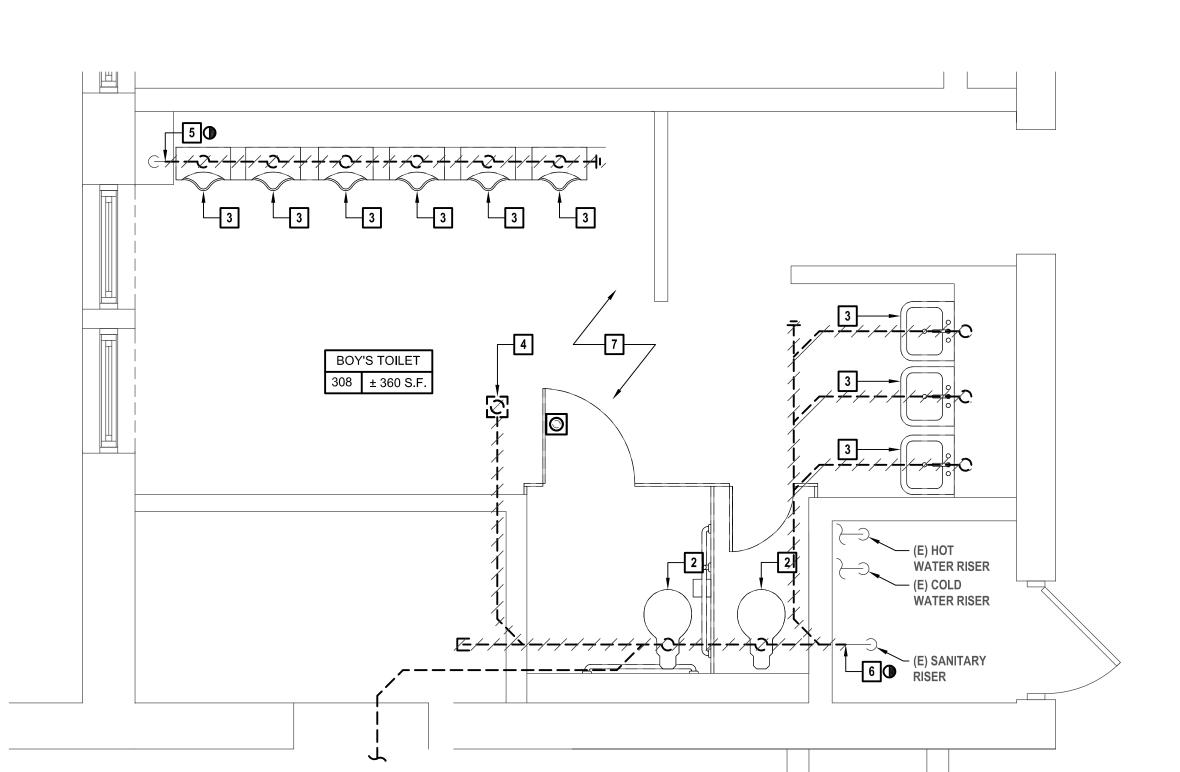


Key Plan

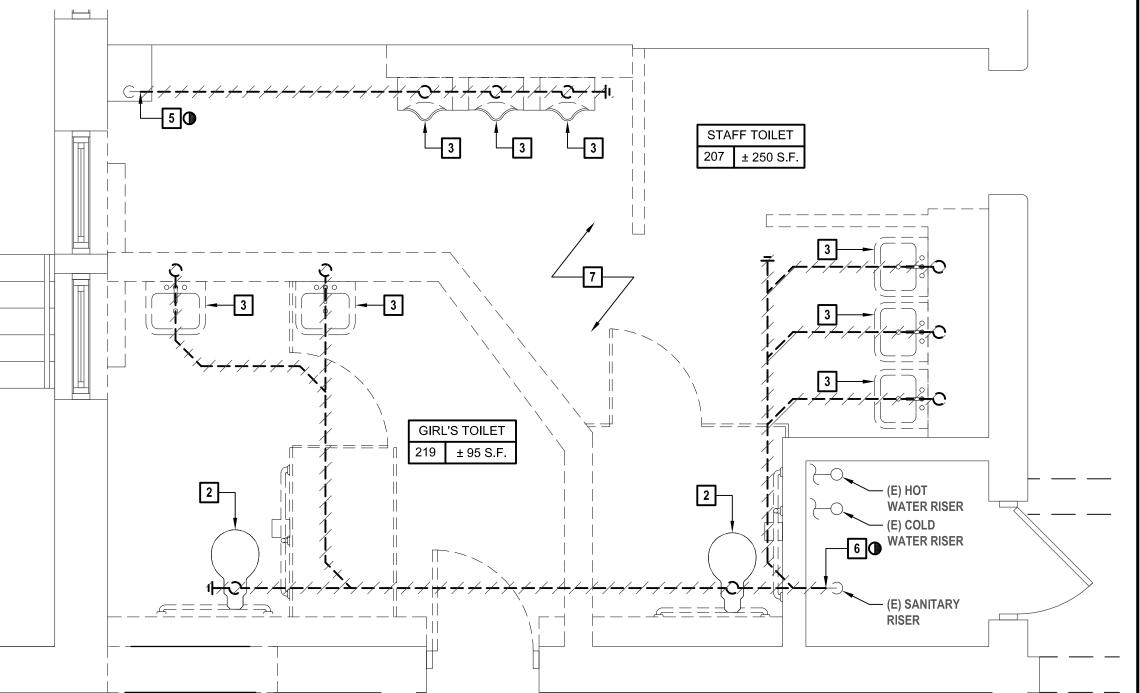
SCALE: NTS



Enlarged Demolition 110 Staff Toilet and 110A Girl's Toilet



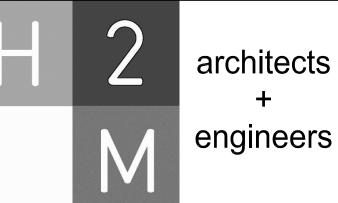
3 Enlarged Demolition 308 Boy's Toilet SCALE: 3/8"=1'-0"



3 Enlarged Demolition 207 Staff Toilet and 219 Girl's Toilet

SCALE: 3/8"=1"-0"



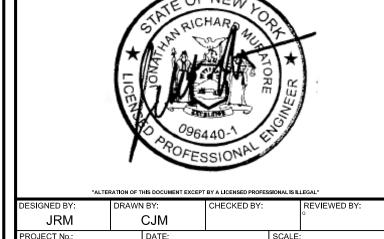


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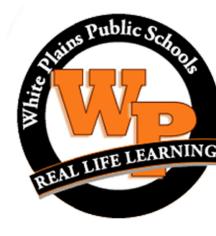
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Renovations at Rochambeau Alternative **High School**



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CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

PLUMBING DEMOLITION ENLARGEMENT PLANS FOR ROOMS 110, 110A, 207, 219 AND 308

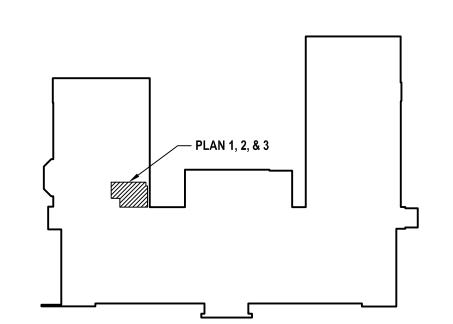
P200.00

PLUMBING DEMOLITION NOTES

- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE TO EXISTING CONDITIONS SURFACE DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT.
- CONTRACTORS SITE ACCESS SHALL BE AS CALLED OUT ON SHEET A0.0. THE CONTRACTOR SHALL ADEQUATELY PROTECT THE WALLS, FLOOR, AND FINISHES WITHIN STAIRWELLS AND SERVICE ELEVATOR FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND RESTORE ALL SURFACES THAT ARE DAMAGED TO THE SATISFACTION OF THE ARCHITECT.
- THE CONTRACTOR SHALL TAKE CARE AS TO ADEQUATELY PROTECT ALL ADJOINING CLASSROOMS, CLOSETS, CORRIDORS, CRITICAL BARRIERS (DUCTS, VENTS, ETC.), AND OTHER SPACES FROM DUST AND DEBRIS DURING THE DEMOLITION AND INSTALLATION OF THE FLOORING, CEILINGS, LOCKERS, AND PAINTING. THE CONTRACTOR SHALL BE RESPONSIBLE TO WIPE DOWN AND CLEAN ALL AFFECTED ROOMS UPON COMPLETION OF THE PROJECT.
- ALL EQUIPMENT SHALL BE EXISTING TO REMAIN UNLESS PROJECT DURATION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEFECTIVE OR NON-WORKING EQUIPMENT PRIOR TO WORK STARTING AND FOLLOWING INSTALLATION OF NEW FINISHES, SHALL VERIFY THAT ALL OF THE ITEMS ARE IN PROPER WORKING ORDER UPON COMPLETION.

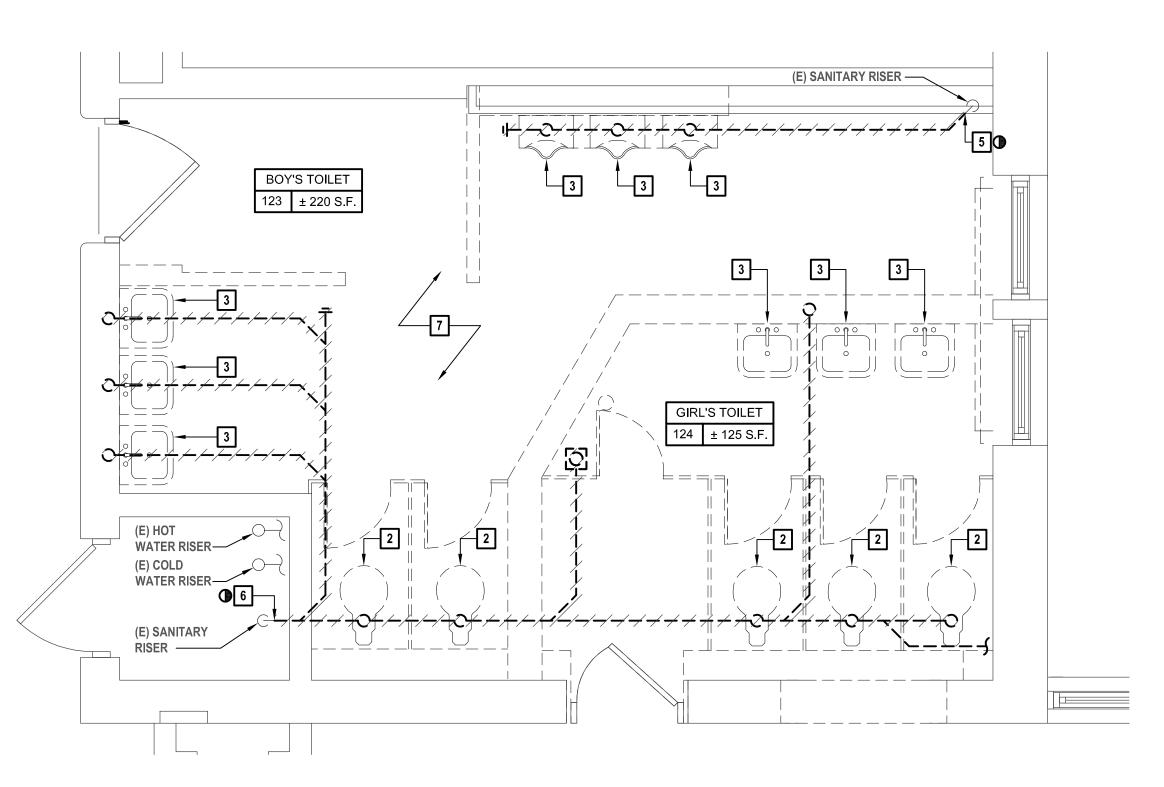
X KEYED DEMOLITION NOTES

- 1. PLUMBING FIXTURE TO BE REMOVED AND DISPOSED OF, CUT AND CAP EXISTING SANITARY PIPING AT FLOOR LEVEL TO BE TILLED
- 2. EXISTING TOILET TO BE REMOVED AND DISPOSED OF. 4" SANITARY AND 2" VENTING TO BE REMOVED UNDERSLAB. SEE PLANS FOR EXTENT OF PIPE DEMOLITION.
- EXISTING LAVATORY AND URINAL TO BE REMOVED AND DISPOSED OF. CUT AND CAP EXISTING SANITARY PIPING AT FLOOR LEVEL AND EXISTING VENT PIPING ABOVE CEILING AND PREPARE FOR RECONNECTION.
- EXISTING FLOOR DRAIN TO BE REMOVED AND DISPOSED OF. CUT AND CAP PIPING AT FLOOR LEVEL TO BE TILED OVER. SEE PLANS FOR EXTENT OF PIPE DEMOLITION.
- 5. EXISTING SANITARY SHALL BE CUT AND CAPPED AT EXISTING
- EXISTING SANITARY SHALL BE CUT AND CAPPED AT EXISTING RISER AND PREPARE RISER FOR FUTURE CONNECTION.
- ALL COLD AND HOT WATER PIPING SHALL BE CUT AND CAPPED AT EXISTING RISERS AND PREPARE RISER FOR FUTURE CONNECTION.



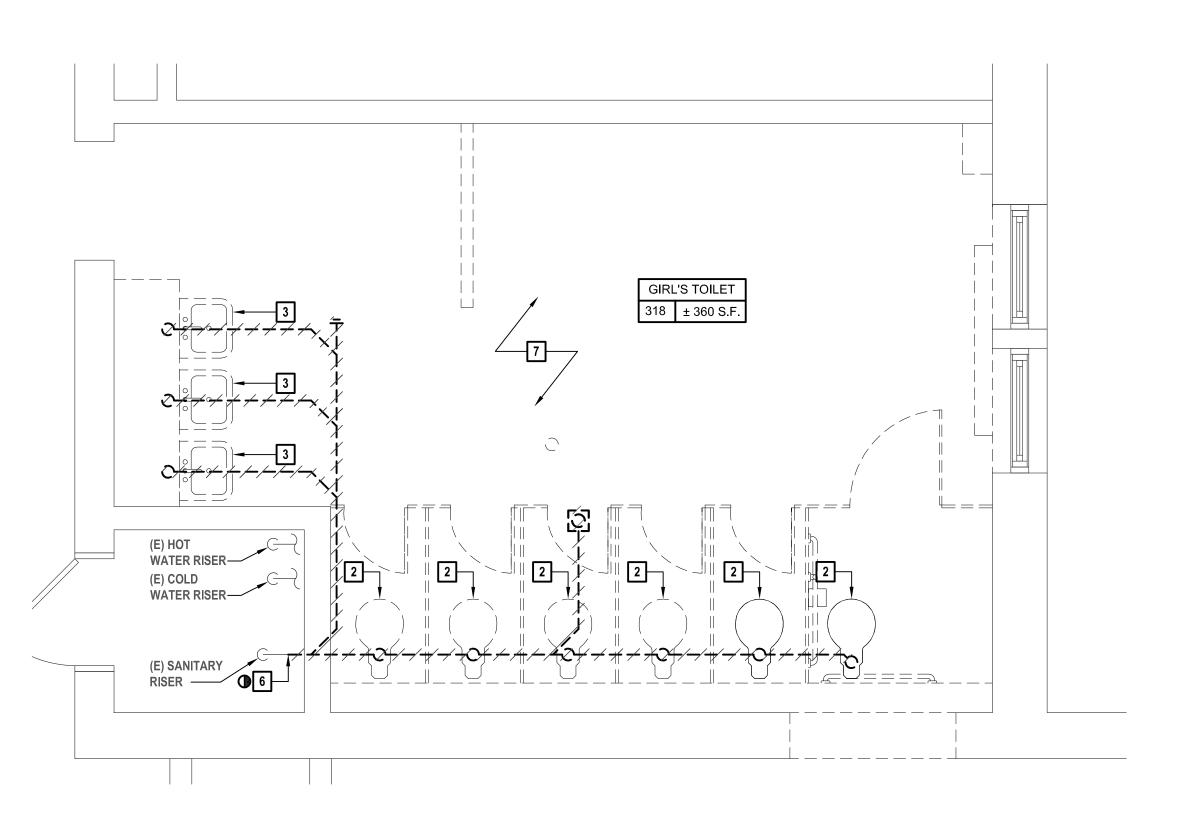
3 Enlarged Demolition 318 Girl's Toilet SCALE: 3/8"=1'-0" Key Plan

SCALE: NTS

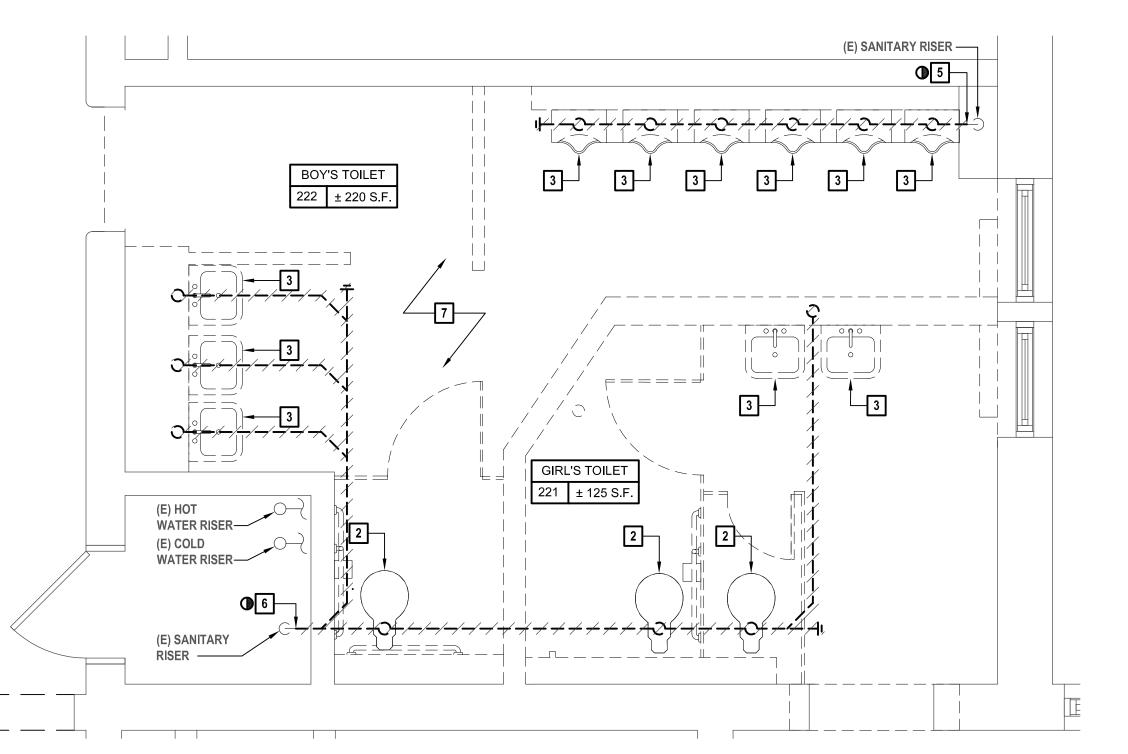


Enlarged Demolition 123 Boy's Toilet and 124 Girl's Toilet

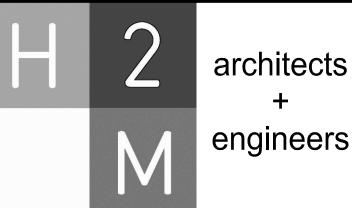








Enlarged Demolition 222 Boy's Toilet and 221 Girl's Toilet

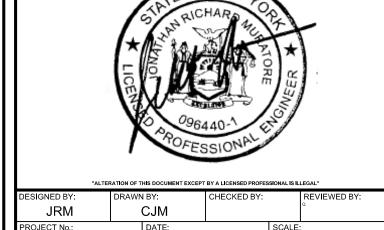


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CONSULTANTS:

DESCRIPTION MARK | DATE

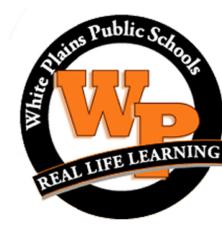
11-03-21 FINAL BID SET



White Plains City School District

WPSD 2009 NOVEMBER 2021 AS SHOWN

Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

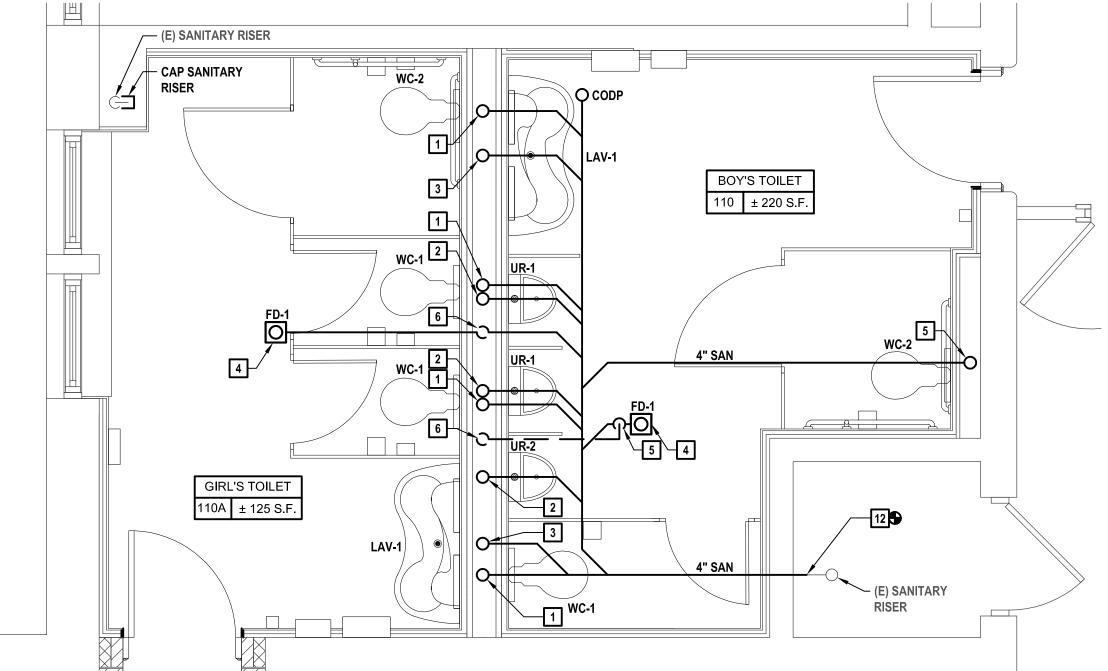
SED No. 66-22-00-01-0-15-019

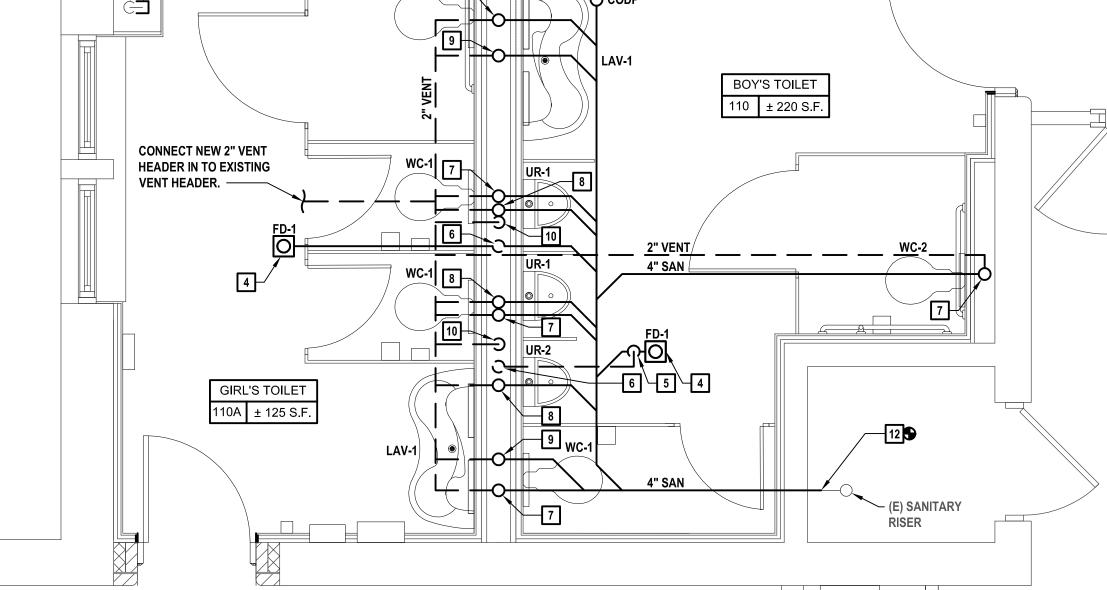
CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

PLUMBING DEMOLITION **ENLARGEMENT PLANS** FOR ROOMS 123, 124, 221, 222 AND 318

P201.00

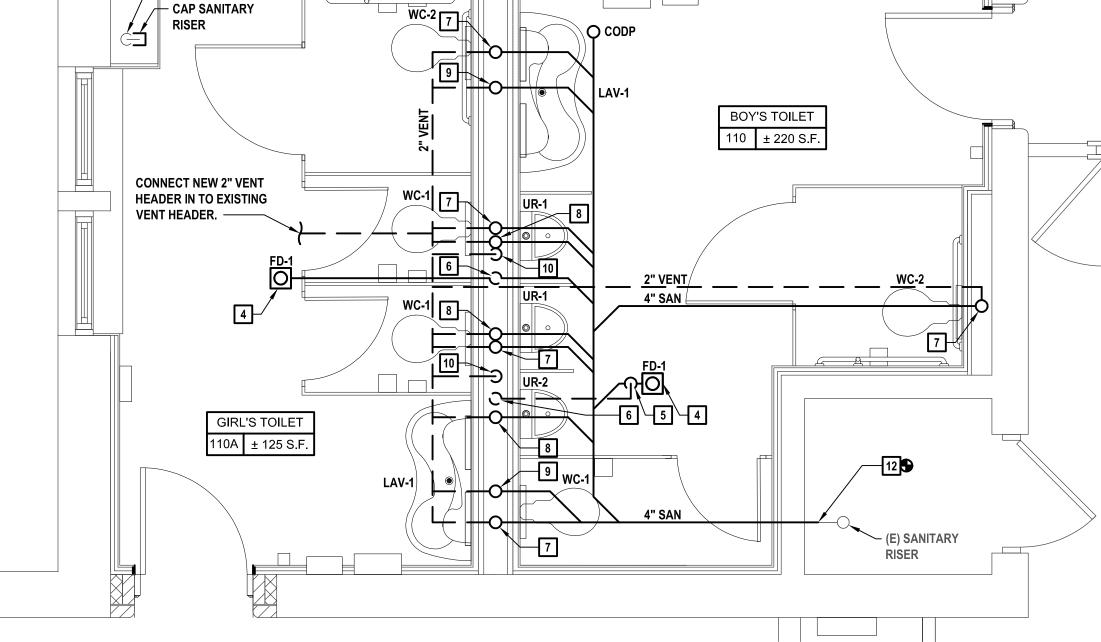




BOY'S TOILET

308 ± 220 S.F.

2 Enlarged Sanitary and Vent 110 Boy's Toilet and 110A Girl's Toilet SCALE: 3/8"=1'-0"



— (E) SANITARY RISER

NOTE: SANITARY PIPING ON THIS PLAN IS SERVING FIXTURES ABOVE IN

BATHROOMS 207 AND 219.

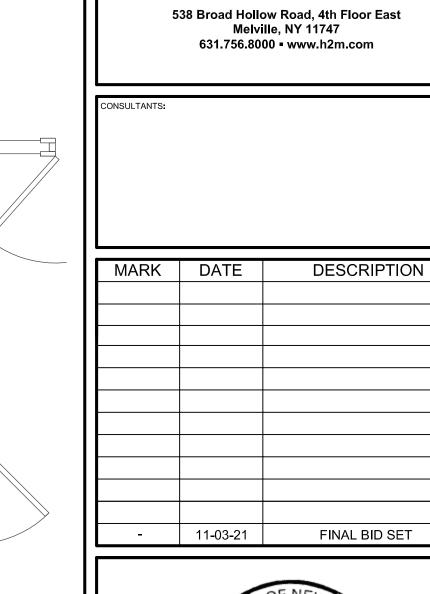
CONNECT NEW 2" VENT

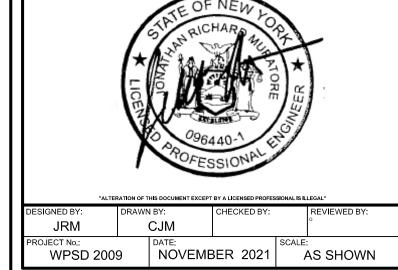
HEADER IN TO EXISTING

GIRL'S TOILET

308A ± 125 S.F.

VENT HEADER. -







Renovations at Rochambeau Alternative **High School**



228 Fisher Avenue White Plains, NY 10606

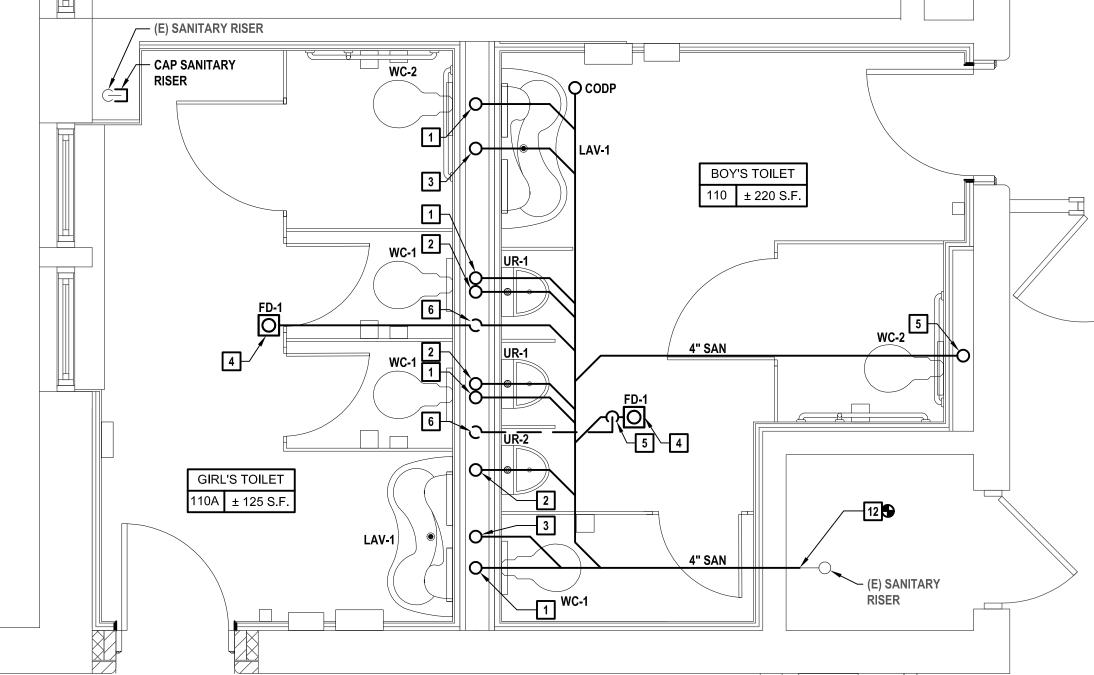
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CONTRACT G GENERAL CONSTRUCTION

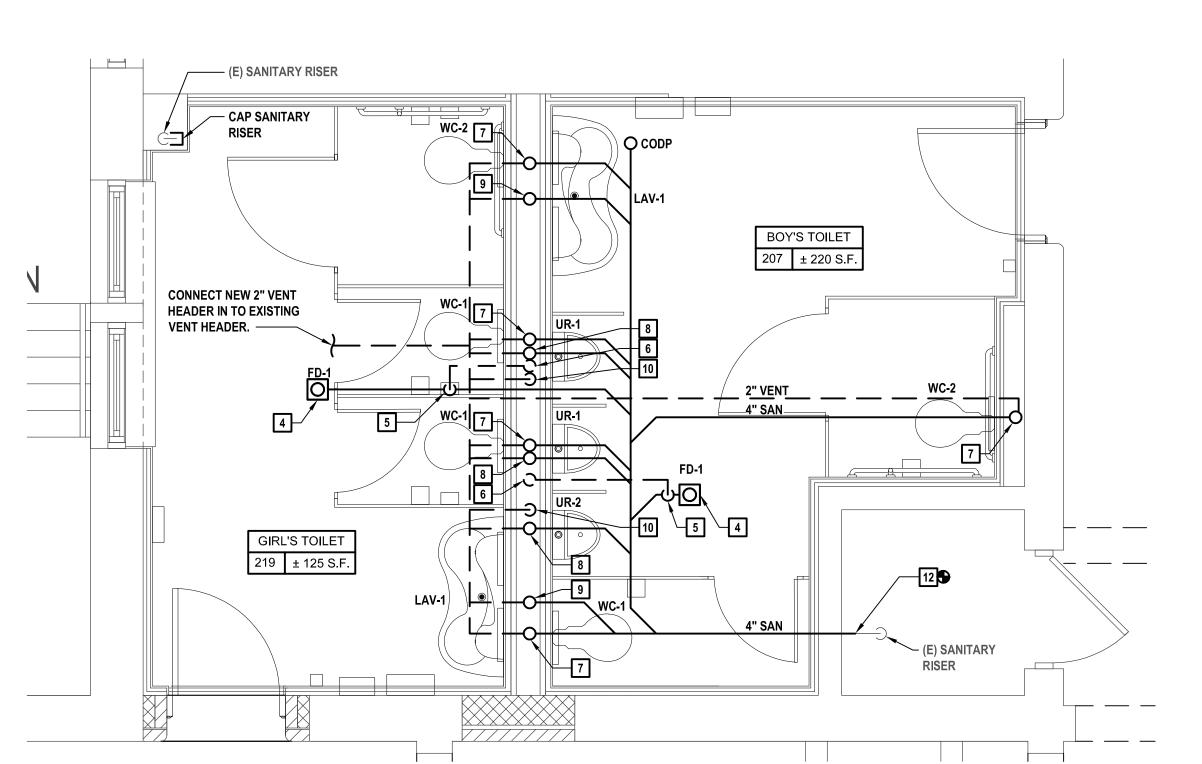
FINAL BID DOCUMENT

PLUMBING UNDERSLAB, **SANITARY AND VENT ENLARGEMENT PLANS FOR ROOMS 110, 110A,** 207, 219, 308 AND 308A

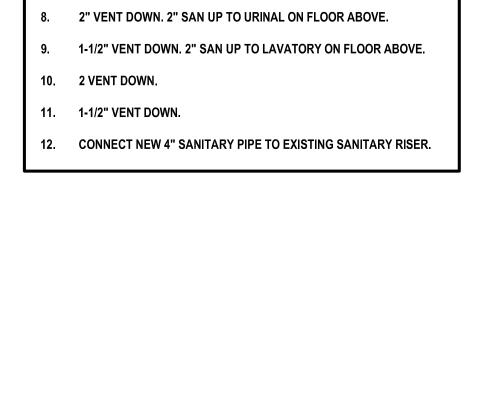
P202.00











2" VENT DOWN. 4" SAN UP TO WATER CLOSET ON FLOOR ABOVE.

PLUMBING NOTES

DRAWINGS FOR MORE DETAIL.

IN CORRIDORS/CHASE.

2. 2" SAN UP TO URINAL.

5. 2" VENT DROP.

6. 2" VENT UP.

3. 2' SAN UP TO LAVATORY.

4. 2" SAN UP TO FLOOR DRAIN.

4" SAN UP TO WATER CLOSET.

VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD

AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR

CONNECTIONS TO NEW PLUMBING FIXTURES.

WATER PIPING WHERE INSULATION IS DAMAGED.

WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE

INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING

ALL 3" & 4" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/8"/FT. ALL 1-1/2" & 2" SANITARY PIPING TO BE SLOPED A MINIMUM OF

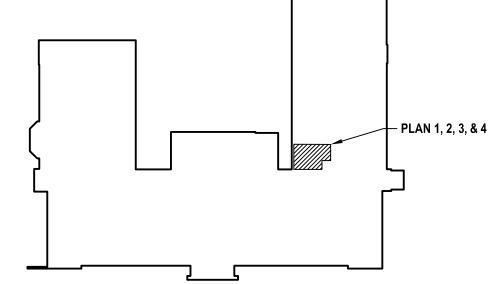
CHASE WALL WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL

INSTALL NEW SHUT OFF VALVES OR REPLACE EXISTING VALVES ON ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING

FURNISH AND INSTALL NEW CLEANOUT DECK PLATE, ZURN MODEL Z1400 OR APPROVED EQUAL AS REQUIRED IN EACH BATHROOM.

CONTRACTOR IS RESPONSIBLE TO INSTALL ALL NEW DOMESTIC AND SANITARY PIPING IN BATHROOM AND CONNECT TO EXISTING PIPING

KEYED PLUMBING NOTES

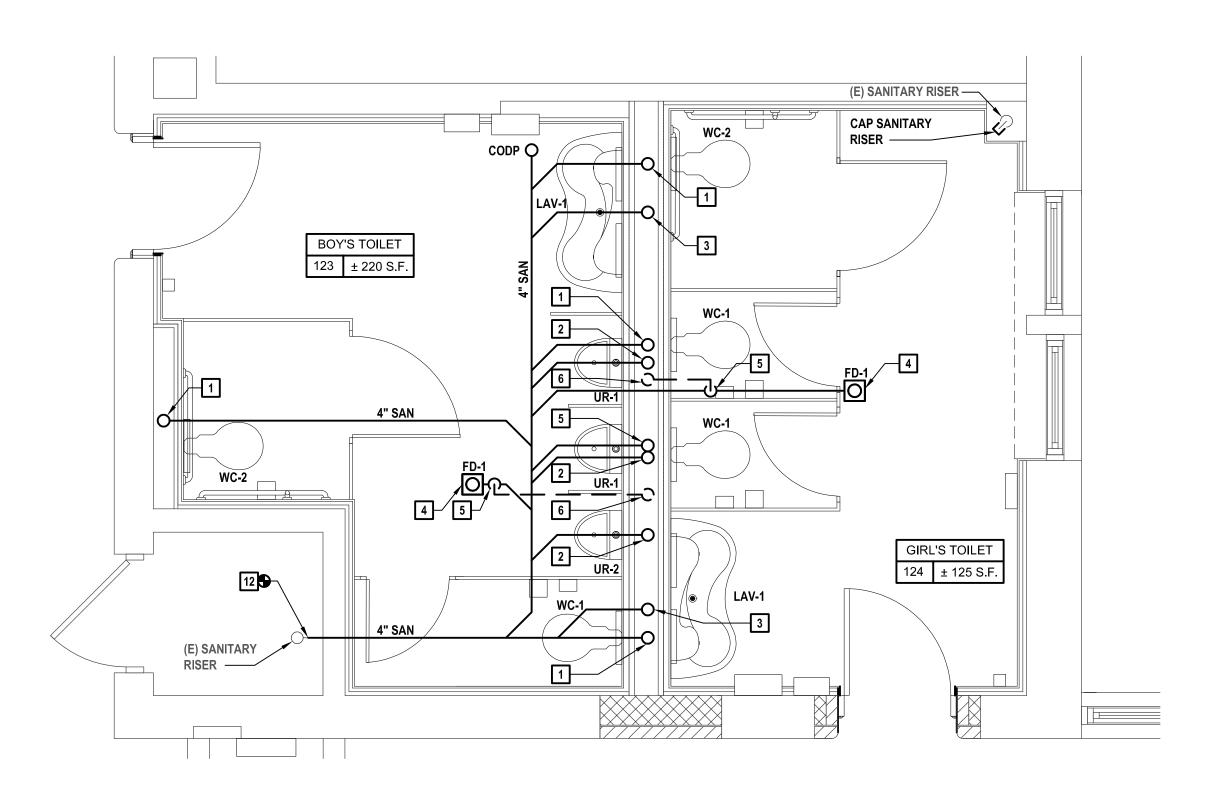


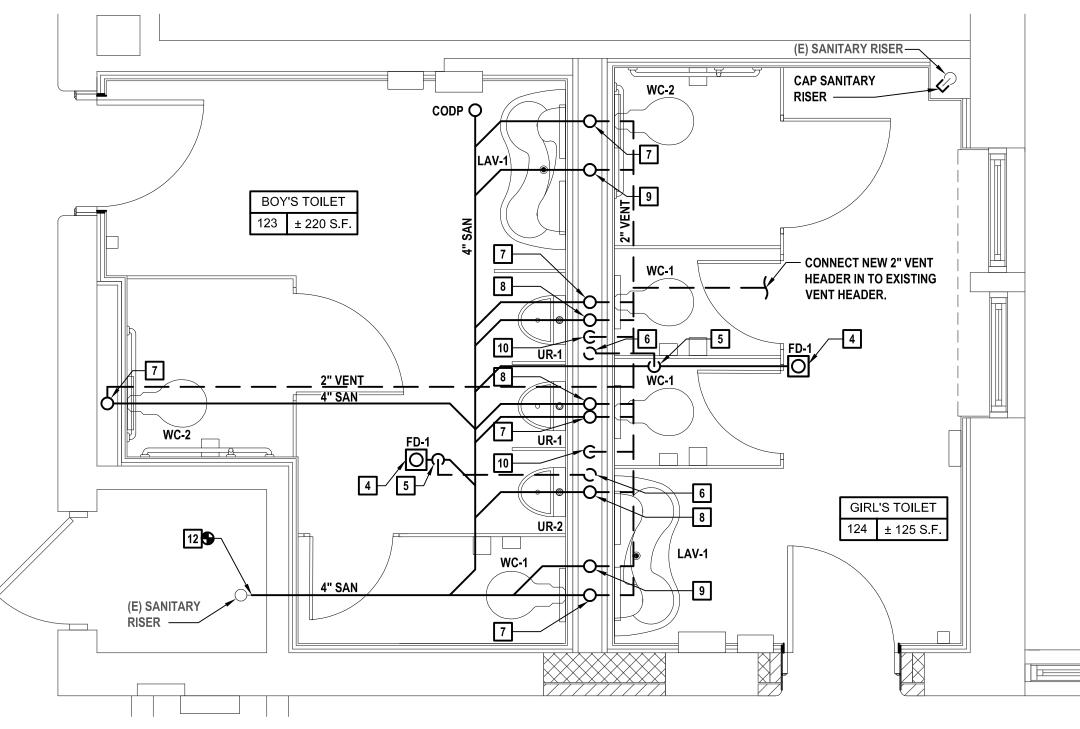
5 Key Plan
SCALE: NTS

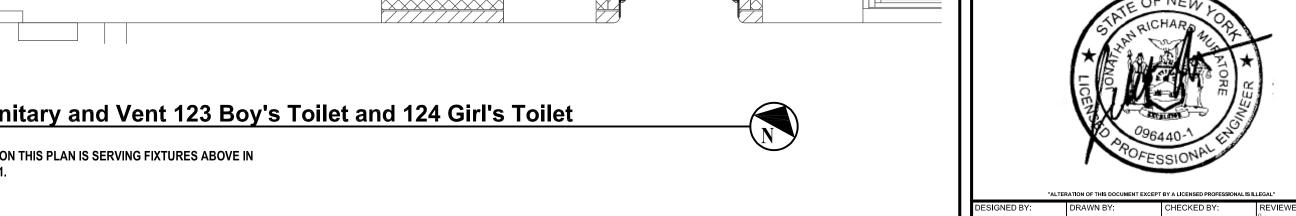
3 Enlarged Sanitary and Vent 207 Boy's Toilet and 219 Girl's Toilet

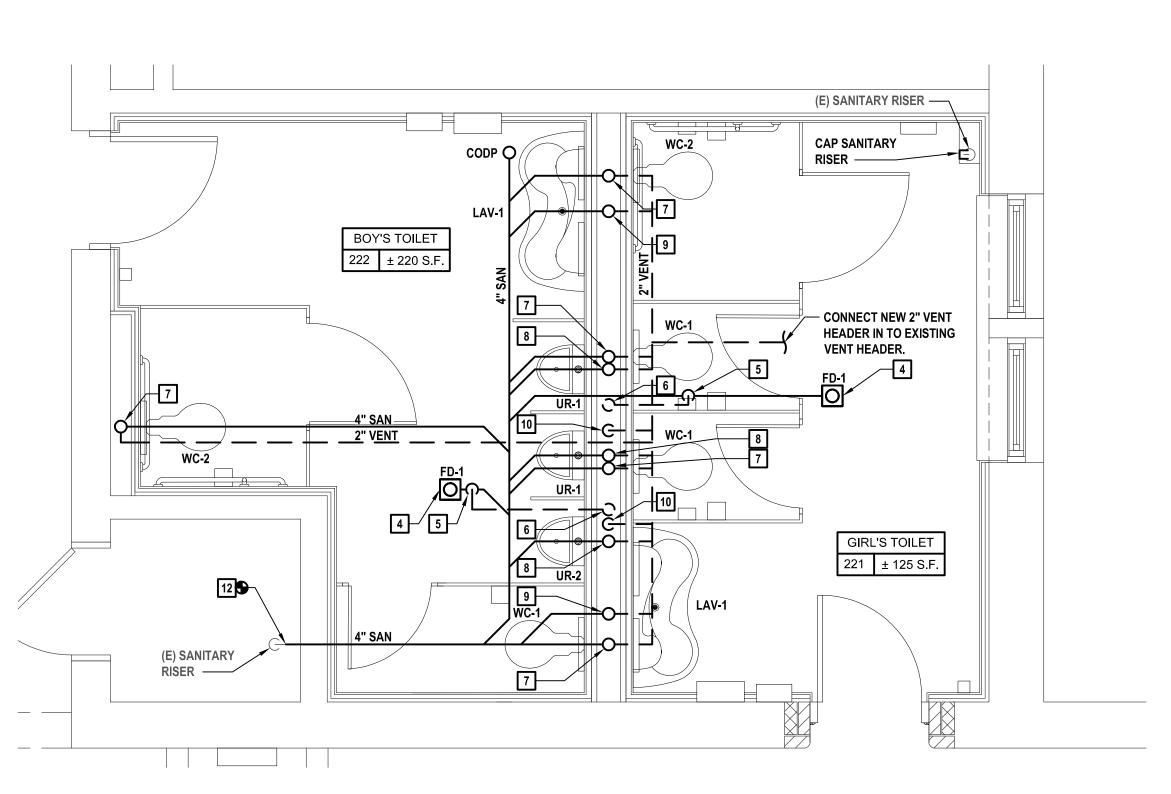
NOTE: SANITARY PIPING ON THIS PLAN IS SERVING FIXTURES ABOVE IN

BATHROOMS 308 AND 308A.

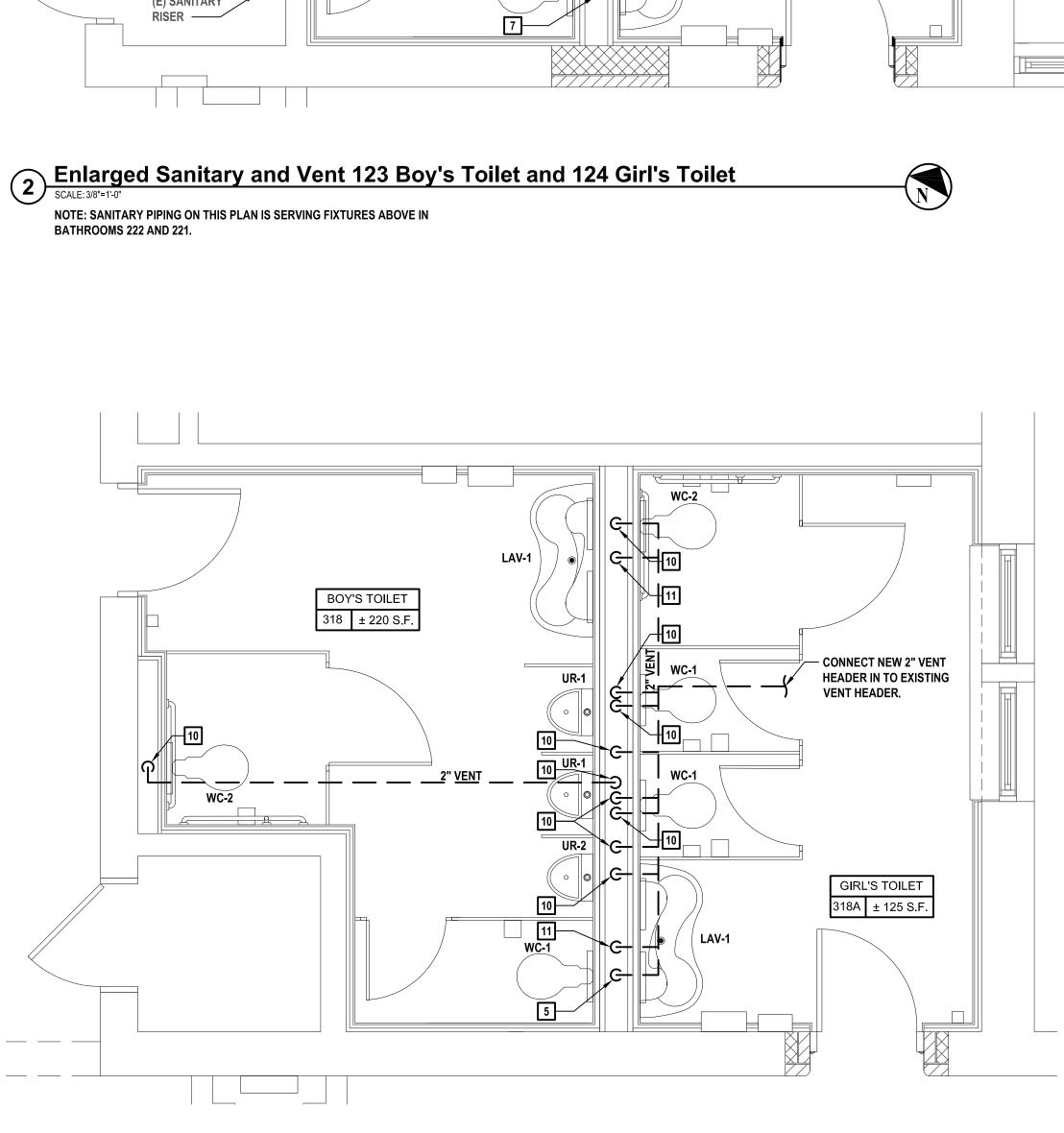


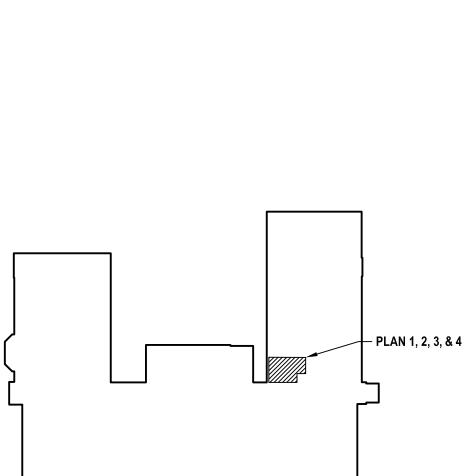












PLUMBING NOTES

DRAWINGS FOR MORE DETAIL.

IN CORRIDORS/CHASE.

2. 2" SAN UP TO URINAL.

5. 2" VENT DROP.

6. 2" VENT UP.

10. 2 VENT DOWN.

11. 1-1/2" VENT DOWN.

3. 2' SAN UP TO LAVATORY.

4. 2" SAN UP TO FLOOR DRAIN.

4" SAN UP TO WATER CLOSET.

VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD

AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR

CONNECTIONS TO NEW PLUMBING FIXTURES.

WATER PIPING WHERE INSULATION IS DAMAGED.

WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE

INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING

ALL 3" & 4" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/8"/FT. ALL 1-1/2" & 2" SANITARY PIPING TO BE SLOPED A MINIMUM OF

CHASE WALL WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL

ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING

INSTALL NEW SHUT OFF VALVES OR REPLACE EXISTING VALVES ON

FURNISH AND INSTALL NEW CLEANOUT DECK PLATE, ZURN MODEL Z1400 OR APPROVED EQUAL AS REQUIRED IN EACH BATHROOM.

CONTRACTOR IS RESPONSIBLE TO INSTALL ALL NEW DOMESTIC AND SANITARY PIPING IN BATHROOM AND CONNECT TO EXISTING PIPING

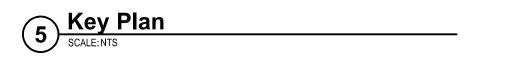
2" VENT DOWN. 4" SAN UP TO WATER CLOSET ON FLOOR ABOVE.

1-1/2" VENT DOWN. 2" SAN UP TO LAVATORY ON FLOOR ABOVE.

12. CONNECT NEW 4" SANITARY PIPE TO EXISTING SANITARY RISER.

8. 2" VENT DOWN. 2" SAN UP TO URINAL ON FLOOR ABOVE.

KEYED PLUMBING NOTES



Enlarged Proposed 222 Boy's Toilet and 221 Girl's Toilet Sanitary and Vent Plan

NOTE: SANITARY PIPING ON THIS PLAN IS SERVING FIXTURES ABOVE IN BATHROOMS 318 AND 318A.

Enlarged Sanitary Underslab 123 Boy's Toilet and 124 Girl's Toilet

PLUMBING UNDERSLAB, **SANITARY AND VENT ENLARGEMENT PLANS** FOR ROOMS 123, 124, 222, 221, 318 AND 318Å

P203.00

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District

Renovations at Rochambeau Alternative **High School**

228 Fisher Avenue

White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

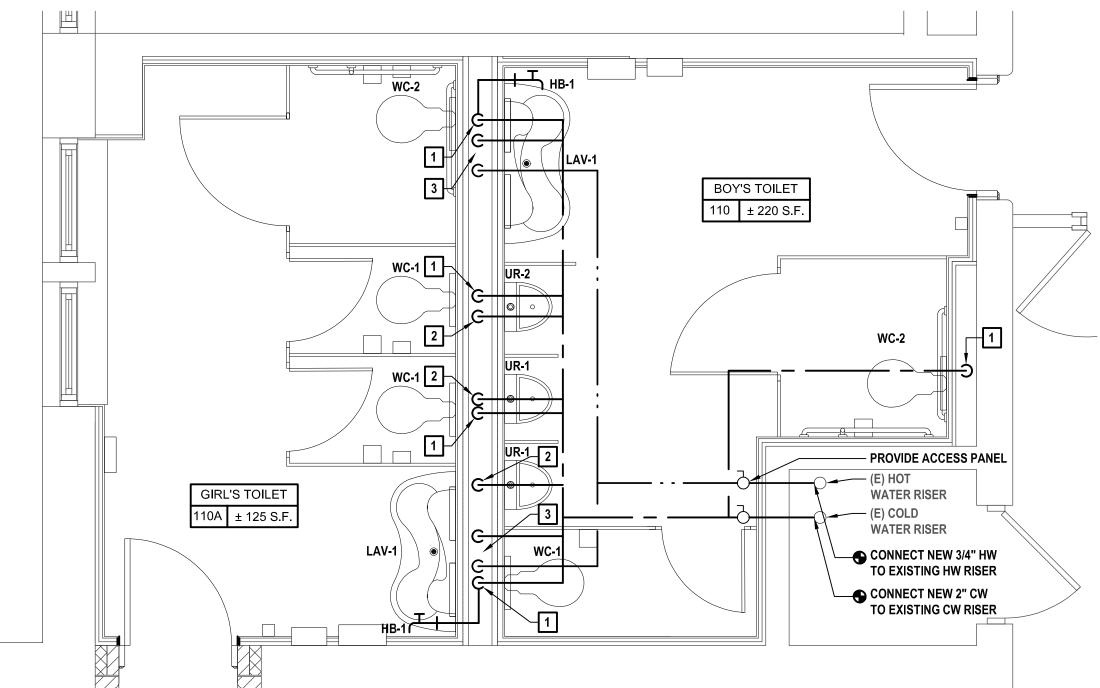
CONTRACT G

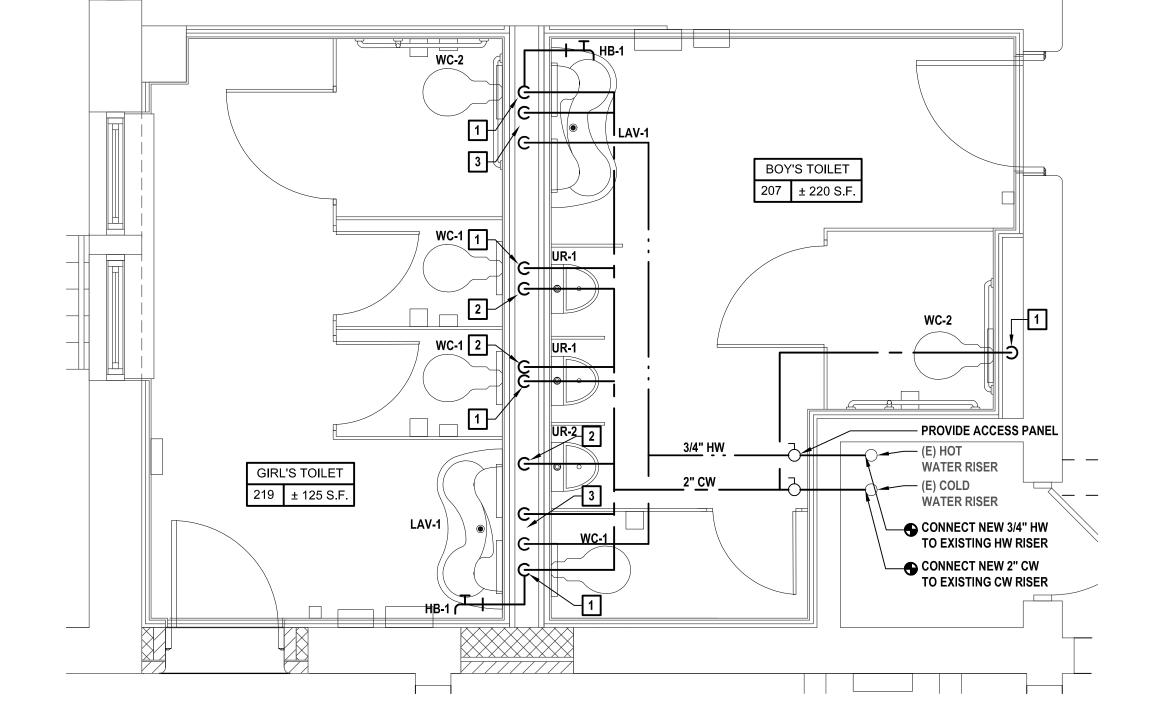
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

DESCRIPTION

FINAL BID SET

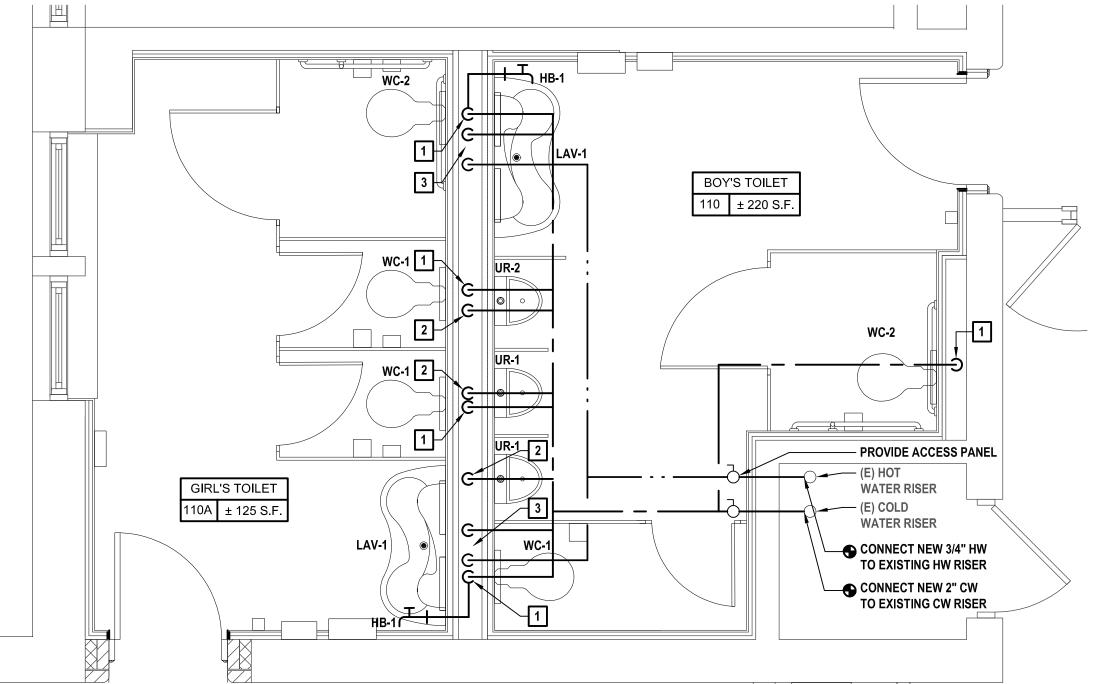




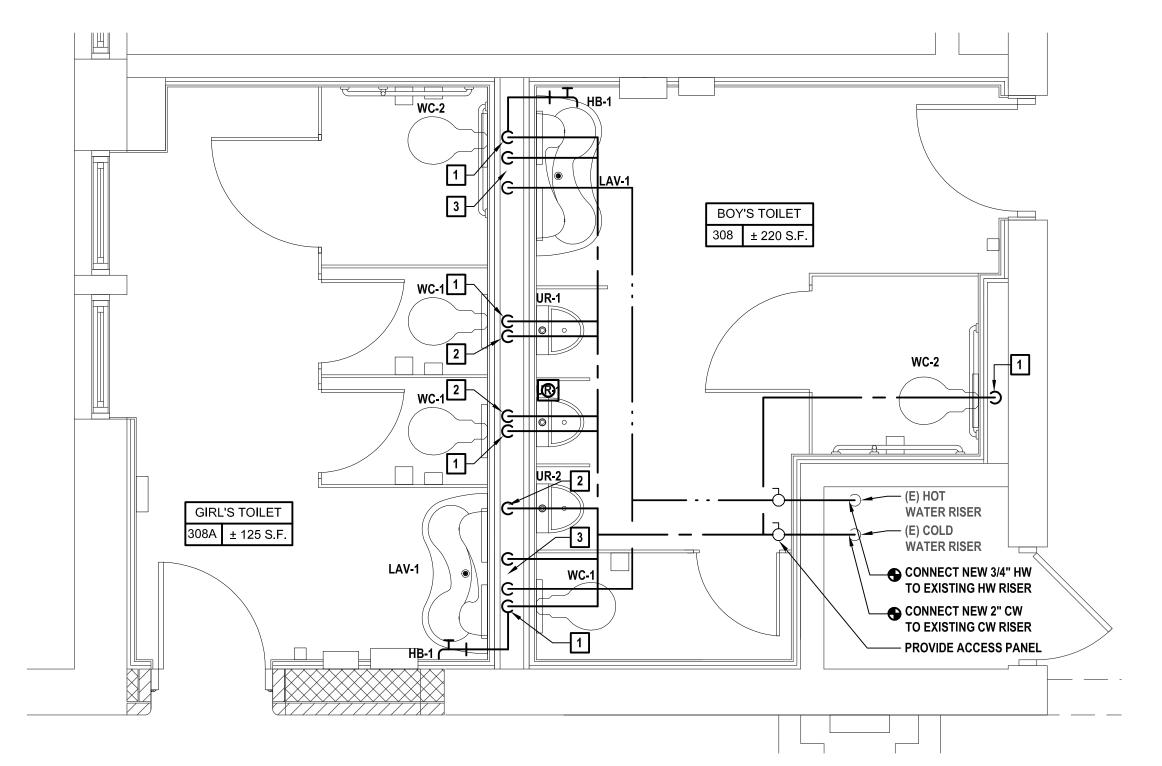
Enlarged Domestic 207 Boy's Toilet and 219 Girl's Toilet

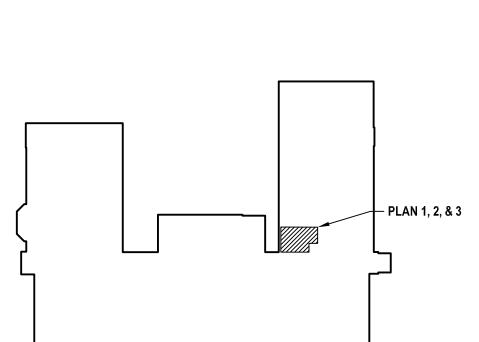
SCALE: 3/8"=1'-0"

N









Key Plan

SCALE: NTS

PLUMBING NOTES

DRAWINGS FOR MORE DETAIL.

IN CORRIDORS/CHASE.

2. 3/4" CW DN TO URINAL.

3. 1/2" CW AND HW DN TO LAV-1.

4. 3/4" CW DN TO HOSE BIBB.

PLUMBING CHASE.

1" CW DN TO WATER CLOSET.

VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR

INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING

ALL 3" & 4" SANITARY PIPING TO BE SLOPED A MINIMUM OF 1/8"/FT. ALL 1-1/2" & 2" SANITARY PIPING TO BE SLOPED A MINIMUM OF

CHASE WALL WILL NEED TO BE OPENED TO ALLOW ACCESS TO

EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL

INSTALL NEW SHUT OFF VALVES OR REPLACE EXISTING VALVES ON

ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING

FURNISH AND INSTALL NEW CLEANOUT DECK PLATE, ZURN MODEL

CONTRACTOR IS RESPONSIBLE TO INSTALL ALL NEW DOMESTIC AND SANITARY PIPING IN BATHROOM AND CONNECT TO EXISTING PIPING

Z1400 OR APPROVED EQUAL AS REQUIRED IN EACH BATHROOM.

KEYED PLUMBING NOTES

CONNECT NEW CW AND HW TO EXISTING CW AND HW IN

CONNECTIONS TO NEW PLUMBING FIXTURES.

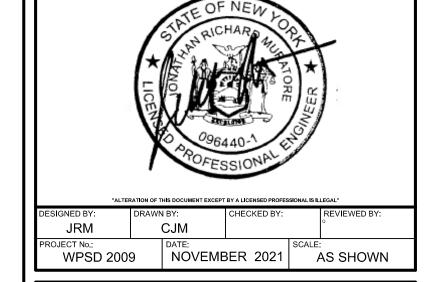
WATER PIPING WHERE INSULATION IS DAMAGED.

3 Enlarged Domestic 308 Boy's Toilet and 308A Girl's Toilet SCALE: 3/8"=1'-0"

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MARK DATE DESCRIPTION 11-03-21 FINAL BID SET

CONSULTANTS:



White Plains City School District

Renovations at Rochambeau Alternative **High School**



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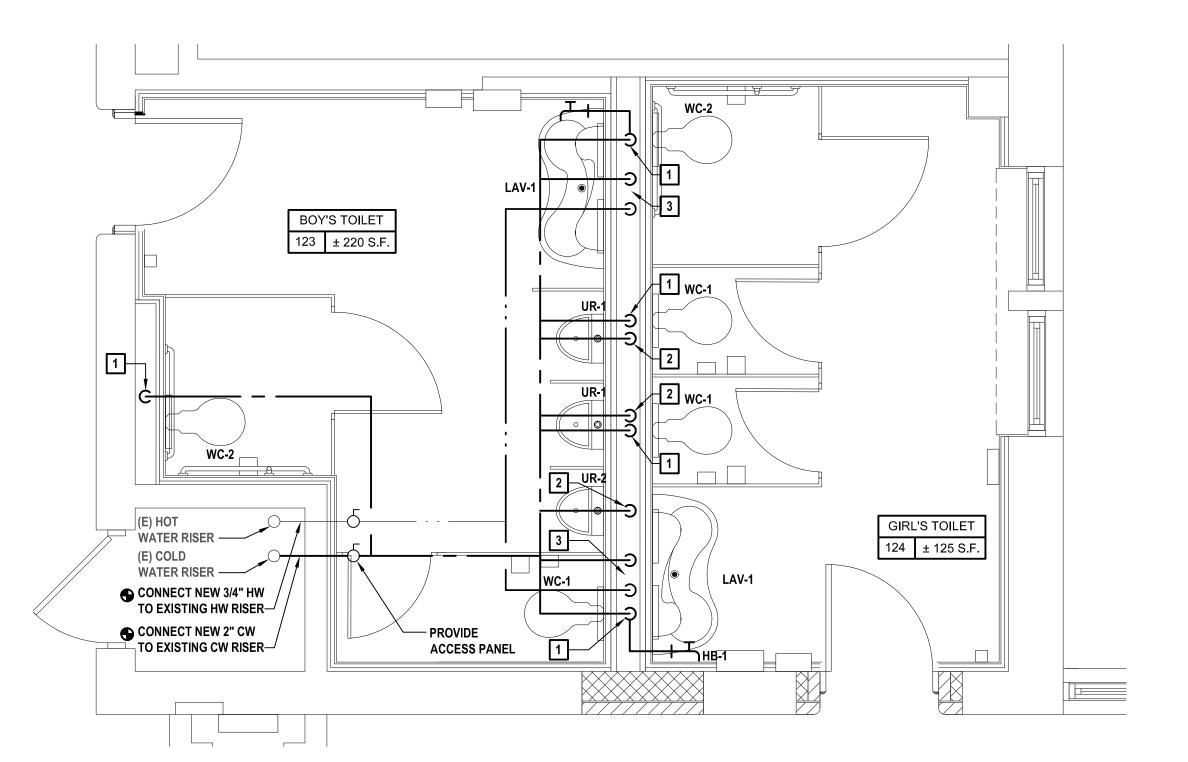
SED No. 66-22-00-01-0-15-019

CONTRACT G GENERAL CONSTRUCTION

FINAL BID DOCUMENT

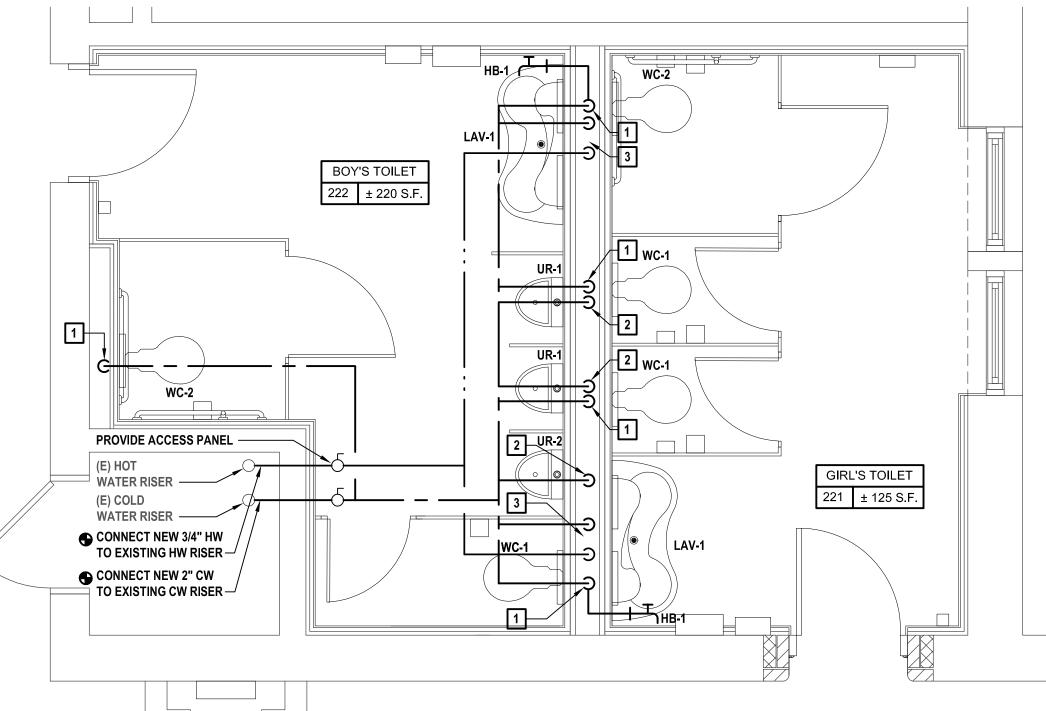
PLUMBING DOMESTIC **ENLARGEMENT PLANS FOR ROOMS 110, 110A,** 207, 219, 308 AND 308A

P204.00

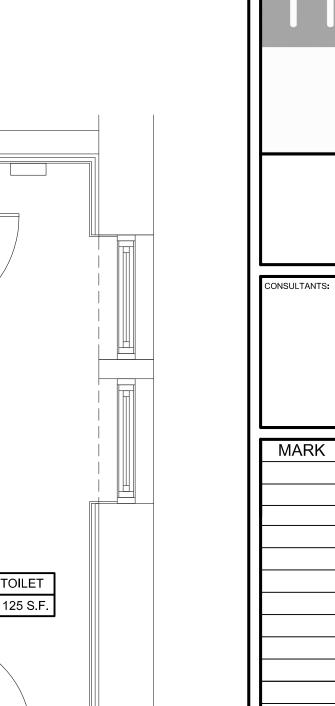


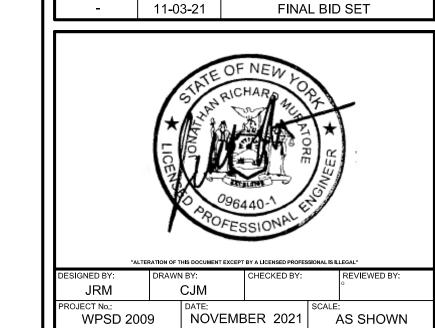
Enlarged Domestic 123 Boy's Toilet and 124 Girl's Toilet

SCALE: 3/8"=1'-0"



2 Enlarged Domestic 222 Boy's Toilet and 221 Girl's Toilet





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DESCRIPTION

White Plains City School District

Renovations at Rochambeau Alternative High School



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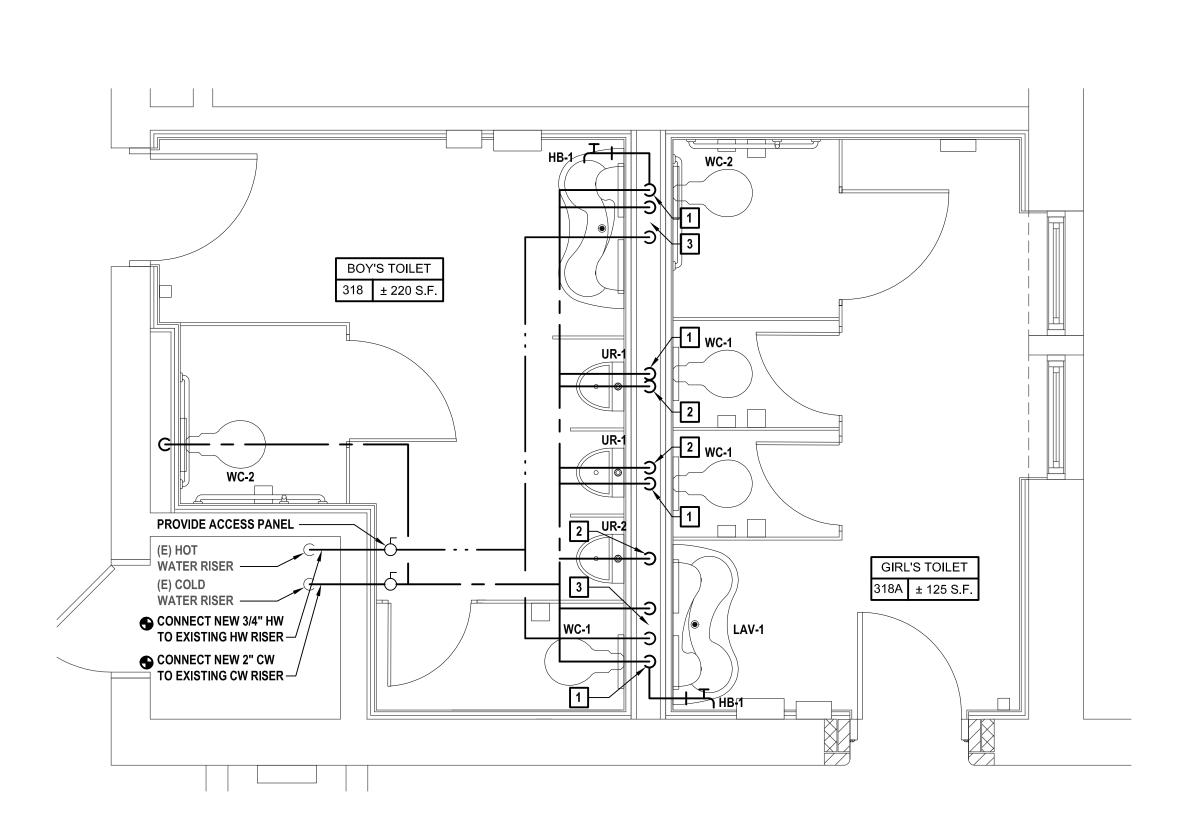
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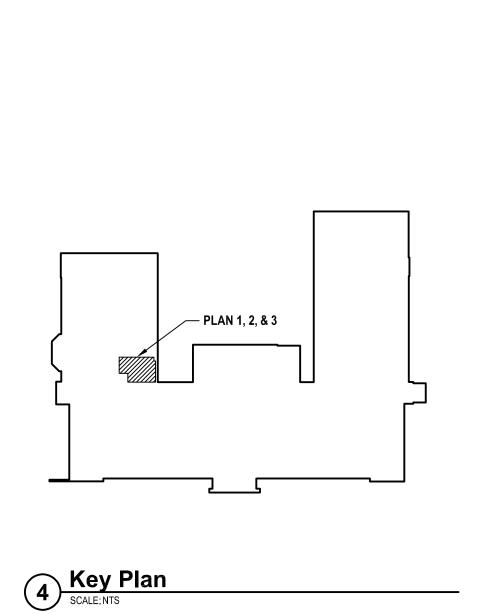
CONTRACT G
GENERAL CONSTRUCTION

FINAL BID DOCUMENT

PLUMBING DOMESTIC ENLARGEMENT PLANS FOR ROOMS 123, 124, 222, 221, 318 AND 318A

P205.00





PLUMBING NOTES

DRAWINGS FOR MORE DETAIL.

IN CORRIDORS/CHASE.

2. 3/4" CW DN TO URINAL.

1" CW DN TO WATER CLOSET.

3. 1/2" CW AND HW DN TO LAV-1.

4. 3/4" CW DN TO HOSE BIBB.

PLUMBING CHASE.

VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR

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CHASE WALL WILL NEED TO BE OPENED TO ALLOW ACCESS TO

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FURNISH AND INSTALL NEW CLEANOUT DECK PLATE, ZURN MODEL

CONTRACTOR IS RESPONSIBLE TO INSTALL ALL NEW DOMESTIC AND SANITARY PIPING IN BATHROOM AND CONNECT TO EXISTING PIPING

Z1400 OR APPROVED EQUAL AS REQUIRED IN EACH BATHROOM.

KEYED PLUMBING NOTES

CONNECT NEW CW AND HW TO EXISTING CW AND HW IN

CONNECTIONS TO NEW PLUMBING FIXTURES.

WATER PIPING WHERE INSULATION IS DAMAGED.



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ELECTRICAL GENERAL NOTES:

- DRAWINGS ARE DIAGRAMMATIC AND DEFINE THE INTENT OF THE WORK, LOCATIONS OF EQUIPMENT, FIXTURES, DEVICES, PANELBOARDS, DUCTS, PIPING, DIFFUSERS, PARTITIONS, OPENINGS, ETC. ARE APPROXIMATE AND ARE SUBJECT TO MODIFICATIONS CAUSED BY STRUCTURAL CONDITIONS AND EQUIPMENT PROVIDED BY OTHER CONTRACTORS, SUBCONTRACTORS OR THE OWNER. COORDINATE ALL WORK WITH THE WORK OF OTHER TRADES. DETERMINE ROUGHING LOCATIONS FROM APPROVED SHOP DRAWINGS. MINOR MODIFICATIONS OF LOCATIONS REQUIRED TO EFFECT SUCH COORDINATION SHALL BE MADE AT NO COST TO THE OWNER.
- SPECIFICATIONS MAY REQUIRE WORK, EQUIPMENT, SYSTEMS, METHODS, ETC. THAT IS NOT INDICATED ON THE DRAWINGS.
- DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLEMENTARY TO EACH OTHER. WHERE DISCREPANCIES OR CONFLICTS OCCUR, THE CONTRACTOR SHALL INCLUDE THE MORE COSTLY METHOD IN THEIR PROPOSAL UNLESS CLARIFIED BY BULLETIN OR ADDENDUM ACKNOWLEDGED PRIOR TO RECEIPT OF BIDS.
- DRAWINGS SHALL NOT BE SCALED. DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND REQUIREMENTS OF THE WORK. ALTHOUGH SIZE AND LOCATION OF EQUIPMENT IS DRAWN TO SCALE WHEREVER POSSIBLE, CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL OF THE CONTRACT DOCUMENTS AND VERIFY INFORMATION AT THE PROJECT SITE.
- EXISTING PROJECT CONDITIONS INDICATED ARE BASED ON FIELD OBSERVATION, EXISTING DESIGN / CONSTRUCTION DOCUMENTS AND EXISTING RECORD DOCUMENTS AND ARE INTENDED TO INDICATE THE SCOPE OF THE WORK AFFECTED BY THIS PROJECT.
- 6. THE TERM "OTHERS" SHALL BE UNDERSTOOD TO MEAN CONTRACTORS, SUBCONTRACTORS OR TRADESMEN ON THE PROJECT PERFORMING WORK ON THIS PROJECT UNDER SECTIONS OR DIVISIONS OTHER THAN DIVISION 26 -ELECTRICAL WORK.
- 7. VERIFY THAT FIELD MEASUREMENTS AND CIRCUITING ARRANGEMENTS ARE AS INDICATED.
- PRIOR TO BIDDING VISIT THE PROJECT SITE TO DETERMINE THE CONDITIONS UNDER WHICH THE WORK IS TO BE DONE. SCHEDULE SITE VISIT WITH OWNER.
- PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE INSTALLATION, RELOCATION AND CONNECTION OF THE ELECTRICAL WORK.
- 10. ALL MATERIAL SHALL BE UNDERWRITERS' LABORATORIES LISTED FOR ITS APPLICATION WHERE SUCH LISTING IS
- 11. ALL EQUIPMENT SHALL BE AS INDICATED OR AS APPROVED BY THE ENGINEER.
- 12. SUBMIT SHOP DRAWINGS, PRODUCT DATA SHEETS AND WIRING DIAGRAMS FOR ALL ELECTRICAL CONSTRUCTION MATERIALS, DEVICES, EQUIPMENT, APPLIANCES AND SYSTEMS.
- 13. SUBMIT IN QUANTITY TO ALLOW DISTRIBUTION TO ARCHITECT (1), OWNER (2), ENGINEER (1), PRIME CONTRACTORS (1 EACH), AND CONTRACTOR'S OWN USE AS REQUIRED.
- 14. UNLESS SPECIFICALLY INDICATED OR REQUESTED OTHERWISE, BIND ALL RELATED PRODUCT DATA TOGETHER PROPERLY INDEXED AND IDENTIFIED AND WITH ALL PERTINENT CATALOG NUMBERS, OPTIONS, ETC. HIGHLIGHTED OR TARGETED. LOOSE SHEETS OR BINDING SYSTEMS RELYING ON PAPER CLIPS OR SLIP ON SPLINES WILL BE DISCARDED AND THE TRANSMITTAL RETURNED TO THE CONTRACTOR.
- 15. OBTAIN SHOP DRAWINGS AND WIRING DIAGRAMS FROM OWNER AND OTHER CONTRACTORS FOR THE PROPER INSTALLATION OF RELATED ELECTRICAL WORK AND, UNLESS OTHERWISE NOTED, WIRE ALL CONTROL DEVICES, VALVES, THERMOSTATS, ETC. REQUIRED FOR THE PROPER OPERATION OF THEIR SYSTEMS.
- 16. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION IN EFFECT OF THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL ELECTRICAL SAFETY CODE (NESC), AMERICAN ELECTRICIANS' HANDBOOK, 2020 FIRE CODE OF NYS, 2020 BUILDING CODE OF NEW YORK STATE, 2020 EXISTING BUILDING CODE OF NYS, ACCESSIBLE & USABLE BUILDINGS & FACILITIES (ICC/ANSI A117.1) AND NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) STANDARD OF INSTALLATION.
- 17. OBTAIN ALL PERMITS REQUIRED, HAVE THE WORK INSPECTED FOR CODE COMPLIANCE AND PAY ALL FEES FOR INSPECTION AND CERTIFICATION.
- 18. MAKE THE NECESSARY ARRANGEMENTS, AND PAY ALL COSTS, FOR TEMPORARY AND/OR PERMANENT ELECTRIC SERVICE FOR THE PROJECT.
- 19. PROVIDE ADEQUATE TEMPORARY ELECTRICAL LIGHT AND POWER FOR THE PROJECT WORK OF ALL TRADES.
- 20. EXACT LOCATION OF EQUIPMENT SHALL BE COORDINATED IN THE FIELD.
- 21. REFER TO APPROVED REFLECTED CEILING PLANS FOR EXACT LIGHTING LAYOUTS.
- 22. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER TRADES FOR EQUIPMENT LOCATIONS AND CONTROLS.
- 23. GROUNDING AND BONDING SHALL MEET NEC AND EQUIPMENT / SYSTEM MANUFACTURER'S REQUIREMENTS.
- 24. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF DEBRIS GENERATED BY THEIR WORK AND WORKERS AT THE END OF EACH WORKING DAY AND FOR GENERAL GOOD HOUSEKEEPING BY THEIR WORKERS. CONTRACTOR SHALL PROVIDE REQUIRED REFUSE CONTAINERS.
- 25. DISCONNECT AND REMOVE FROM THE PREMISES, OR STORE ON THE PREMISES IF REQUESTED BY THE OWNER, ALL EQUIPMENT FIXTURES. DEVICES. RACEWAY. WIRING. CABLE. SUPPORTING DEVICES. ETC. REMOVED OR ABANDONED AS A RESULT OF THIS WORK. MAKE SAFE ALL WIRING AND CABLE WHICH MUST REMAIN IN SERVICE.
- 26. REMOVE AND REINSTALL CEILING SYSTEM AS REQUIRED FOR THE INSTALLATION OF ELECTRICAL WORK AND REPLACE IN KIND ANY COMPONENTS DAMAGED BY PERSONNEL OR EQUIPMENT DURING PERFORMANCE OF THE WORK, COORDINATE WITH ARCHITECT.
- 27. PERFORM ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THE WORK. CUT NO STRUCTURAL MEMBER WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. FINISH AND PAINT ALL PATCHED SURFACES WITH TWO COATS OF PAINT TO MATCH EXISTING SURFACES AS CLOSELY AS POSSIBLE. SEAL OPENINGS VERMIN AND WATER PROOF AND MAINTAIN FIRE RATING. USE SPECIFIED TECHNOLOGIES, INC. "SPECSEAL" SERIES LCI FOR SLEEVED PENETRATIONS (U. L. SYSTEM #C-AJ-1028; F = 3, T = 0) AND "SPECSEAL" PENSIL 300 SEALANT FOR CUT OR CORED PENETRATIONS (U. L. SYSTEM #C-AJ-1030; F = 3, T = 0). SLEEVES AND ACCESSORIES SHALL BE PER ASTM E
- 28. ALL PENETRATIONS IN FOUNDATION WALLS AND FLOORS INCLUDING SLAB PENETRATIONS SHALL BE SUBSTANTIALLY SEALED BY UTILIZING A NON-CRACKING POLYURETHANE OR SIMILAR CAULK OR EQUIVALENT TO CLOSE OFF THE SOIL GAS ENTRY ROUTES AS REQUIRED BY THE NYS BUILDING CODE. ALL CONDUITS IN THE SPACE BELOW THE FOUNDATION FLOOR WHICH PENETRATE THESE BARRIERS SHALL HAVE THREADED OR SOLVENTED
- 29. ALL NEW RACEWAY, WIRING AND CABLE IN NEW AND EXISTING FINISHED SPACES SHALL BE RUN CONCEALED IN NEW AND EXISTING CONSTRUCTION UNLESS OTHERWISE INDICATED; CUT AND PATCH AS REQUIRED. PROVIDE PULLBOXES, SIZE AND TYPE AS REQUIRED.
- 30. EXPOSED RACEWAY, IF PERMITTED, SHALL BE RUN TRUE, PLUMB AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. EMT WITH RAINTIGHT STEEL FITTINGS, 3/4 INCH MINIMUM, SHALL BE USED OUTDOORS; ELECTRICAL METALLIC TUBING, 3/4 INCH MINIMUM, SHALL BE USED IN INDOOR UNFINISHED SPACES; SURFACE METAL RACEWAY (WIREMOLD) SHALL BE USED IN INDOOR FINISHED SPACES.
- 31. ALL WIRING SHALL BE COPPER CONDUCTOR WITH 600 VOLTS INSULATION IN METAL RACEWAY WITH APPROVED FITTINGS UNLESS OTHERWISE INDICATED.
- 32. FEEDERS AND BRANCH CIRCUITS UNDERGROUND IN RACEWAY: TYPE THHN-THWN 90 DEGREE C
- 33. INTERIOR FEEDERS AND BRANCH CIRCUITS IN RACEWAY: TYPE THHN 90 DEGREE C.

WIRING, STRANDED CONDUCTOR.

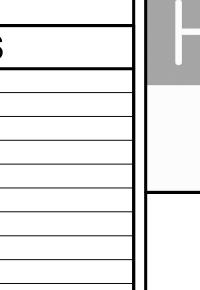
- 34. UNDERGROUND DIRECT BURIAL BRANCH CIRCUITS BEYOND BUILDING: TYPE UF, 75 DEGREE C.
- 35. BRANCH CIRCUIT HOMERUNS TO FIRST OUTLET: TYPE THHN IN RACEWAY. AFTER THE FIRST OUTLET BOX, APPROVED CABLE MAY BE USED.
- 36. FEEDERS SHALL BE MINIMUM #8 AWG; BRANCH CIRCUIT WIRING MINIMUM #12 AWG; CONTROL WIRING MINIMUM #14 AWG; UNLESS OTHERWISE INDICATED. FEEDER AND BRANCH CIRCUIT WIRING LARGER THAN #10 AWG SHALL BE STRANDED CONDUCTOR; #10 AWG AND SMALLER, STRANDED CONDUCTOR OR SOLID CONDUCTOR: CONTROL
- 37. METAL CLAD CABLE TYPE MC WITH 600 VOLT THHN INSULATION AND INSULATED GROUND CONDUCTOR FOR BRANCH CIRCUITS RUN IN HOLLOW SPACES, FISHED ABOVE EXISTING HUNG CEILINGS, FIXTURE CONNECTIONS AND ELSEWHERE AS PERMITTED BY THE NEC AND THE ENGINEER.

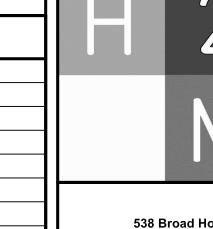
- 38. FIRE ALARM WIRING SHALL BE APPROVED FOR ITS APPLICATION; #14 AWG IN RACEWAY OR #14 AWG METAL CLAD CABLE FOR 120 VOLT CIRCUITS; #16 AWG FPLR OR FPLP FOR LOW VOLTAGE CIRCUITS IN NON AIR-HANDLING SPACES; AND #14 AWG FPLP FOR LOW VOLTAGE CIRCUITS IN AIR-HANDLING APPLICATIONS.
- 39. DO NOT INSTALL CONDUCTORS, WIRES OR CABLES OF ANY OTHER SYSTEM IN THE SAME RACEWAY OR CABLE WITH FIRE ALARM POWER SUPPLY CIRCUITS, NON-POWER LIMITED FIRE ALARM CIRCUITS OR POWER LIMITED FIRE ALARM CIRCUITS.
- 40. MAKE FLEXIBLE CONDUIT CONNECTIONS TO MOTORS AND OTHER ROTATING / VIBRATING EQUIPMENT FOR INDOOR PUMP MOTORS AND ALL OUTDOOR LOCATIONS FLEXIBLE LIQUID-TIGHT CONDUIT CONNECTIONS SHALL BE MADE.
- 41. TAPS AND SPLICES FOR BRANCH CIRCUITS AND FEEDERS LARGER THAN #10 AWG SHALL BE MADE WITH BURNDY "INSUL-TAP" TYPE BIPC, OR APPROVED EQUAL, INSULATION PIERCING CONNECTORS OR BURNDY "HYLUG", OR APPROVED EQUAL, COMPRESSION SPLICES.
- 42. TAPS AND SPLICES FOR BRANCH CIRCUITS AND FEEDERS #10 AWG AND SMALLER SHALL BE MADE WITH IDEAL MODELS 410, 411 AND 412 CRIMP CONNECTORS, OR APPROVED EQUAL, WITH MODELS 415 OR 417 INSULATED CAPS.
- 43. BRANCH CIRCUIT AND FEEDER TAPS SHALL BE FULL CIRCUIT SIZE UP TO THEIR OVERCURRENT PROTECTION
- 44. CONNECTIONS TO FIXTURE AND MOTOR LEADS #10 AWG AND SMALLER SHALL BE MADE WITH 3M "SCOTCHLOK" PRE-INSULATED SPRING PRESSURE CONNECTORS TYPES Y, R OR G OR APPROVED EQUAL.
- 45. STRANDED WIRING CONDUCTORS SHALL BE MADE UP TO SCREW TERMINALS WITH 3M, T&B OR PANDUIT LOCKING FORK CRIMP TERMINALS WITH NYLON INSULATED GRIPS.
- 46. WIRE EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES (UNIT EQUIPMENT) TO LOCAL AREA LIGHTING CIRCUIT SERVING THE RESPECTIVE AREA AHEAD OF SWITCH / DIMMER CONTROL.
- 47. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION AND INSTALLATION DETAILS AND VERIFY ALL MANUFACTURER'S REQUESTS PRIOR TO ANY SUBMISSION FOR CONSIDERATION BY THE ARCHITECT, ENGINEER OR
- 48. WIRING RUNS INDICATED ON THE DRAWINGS EXPRESS THE INTENT OF CIRCUIT ASSIGNMENT AND SWITCH CONTROL, ACTUAL WIRING METHODS USED SHALL BE SUITED FOR THE CONSTRUCTION OF THE BUILDING, REFER TO DRAWINGS OF OTHER TRADES AND EXISTING CONDITIONS. SEE ARCHITECTURAL DRAWINGS FOR DETAILS. NUMBER OF CONDUCTORS IS NOT ALWAYS INDICATED
- 49. PROVIDE DISCONNECT SWITCHES OF REQUIRED TYPE AND RATINGS FOR ALL APPLIANCES, EQUIPMENT, MOTORS AND CONTROLLERS WHERE NOT FURNISHED WITH EQUIPMENT. WHERE DISCONNECT SWITCHES ARE FURNISHED AND INSTALLED WITH EQUIPMENT, INSTALL AND PROVIDE CONDUIT AND WIRING FOR SWITCHES. FOR FRACTIONAL HORSEPOWER MOTORS, PROVIDE MOTOR RATED TOGGLE TYPE DISCONNECT SWITCHES.
- 50. INSTALL MOTOR STARTERS, CONTROLLERS OR COMBINATION STARTERS FURNISHED FOR EACH MOTOR OR EQUIPMENT BY OTHERS. LOCATE AS DIRECTED IN THE FIELD.
- 51. PROVIDE UN-SWITCHED 125 VOLT 20 AMP RECEPTACLE OUTLETS LOCATED ON THE SAME LEVEL AND WITHIN 25 FEET OF ALL HEATING, AIR-CONDITIONING AND REFRIGERATION EQUIPMENT UNLESS OTHERWISE NOTED.
- 52. ROUTE RACEWAYS THROUGH ROOF USING DEDICATED ROOF JACKS OR PITCH POCKETS. RUN RACEWAY ON ROOF ON DEDICATED ROOF SUPPORTS EIGHT INCHES HIGH MINIMUM.
- 53. PROVIDE SEISMIC RESTRAINTS AND ANCHORS FOR ENGINE-DRIVEN GENERATORS, LIGHTING FIXTURES, MOTOR CONTROL CENTERS, FLOOR MOUNTED SWITCHBOARDS, SWITCHGEAR, TRANSFORMERS, WIREWAYS AND CONDUITS LARGER THAN 2-1/2" INCHES TRADE DIAMETER. PROVIDE SWAY BRACES FOR CONDUIT AND EQUIPMENT SUSPENDED FROM THE OVERHEAD. PROVIDE ANCHOR BOLTS FOR FLOOR AND WALL MOUNTED EQUIPMENT. COMPLY WITH INTERNATIONAL BUILDING CODE CHAPTER 16 - STRUCTURAL DESIGN AND CHAPTER 17 - STRUCTURAL TESTING AND INSPECTIONS.
- 54. ALL 125 VOLT, SINGLE PHASE, 15- AND 20-AMPERE SINGLE AND DUPLEX RECEPTACLES WHICH DO NOT SERVE A DEDICATED APPLIANCE AND ARE WITHIN A 6 FOOT RADIUS OF A SINK, ARE INSTALLED IN WET LOCATIONS, ARE INSTALLED IN BATHROOMS, ON ROOFS, OR OUTDOORS WITH DIRECT GRADE ACCESS, SHALL BE GROUND FAULT CIRCUIT INTERRUPTING TYPE WHERE AVAILABLE OR SHALL BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTING CIRCUIT BREAKERS.
- 55. DO NOT INSTALL EXPOSED WIRING, OR CABLE NOT U. L. LISTED FOR THE PURPOSE; WOOD SUPPORTS OR ANCHORAGES; NONMETALLIC CONDUIT, BOXES OR FITTINGS; OR VINYL, PLASTIC, NYLON, OR OTHER COMBUSTIBLE OR SMOKE PRODUCING IDENTIFICATION OR CONSTRUCTION MATERIALS IN THE SPACE ABOVE HUNG CEILINGS USED AS A PLENUM FOR THE RETURN OF ENVIRONMENTAL AIR.
- 56. DEMONSTRATE PRODUCT CAPABILITY AND COMPLIANCE WITH REQUIREMENTS OF ALL ELECTRICAL DEVICES, EQUIPMENT AND SYSTEMS.
- 57. PERFORM MANUFACTURER'S RECOMMENDED TESTS AND SUBMIT RESULTS.
- 58. VERIFY PROPER ROTATION OF ALL ROTATING ELECTRICAL MACHINERY.
- 59. TEST SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, CABLES, BUS DUCTS, SWITCHES, CIRCUIT BREAKERS, GROUNDING SYSTEM, GROUND FAULT PROTECTION SYSTEM, SURGE ARRESTORS AND TVSS DEVICES, GENERATORS, AND TRANSFER SWITCHES IN ACCORDANCE WITH APPLICABLE SECTIONS OF INTERNATIONAL ELECTRICAL TESTING ASSOCIATION ACCEPTANCE TESTING SPECIFICATIONS FOR ELECTRIC POWER DISTRIBUTION EQUIPMENT AND SYSTEMS NETA ATS-1999. PERFORM EACH VISUAL AND MECHANICAL INSPECTION AND ELECTRICAL TEST LISTED.
- 60. PROVIDE TWO SETS OF OPERATION AND MAINTENANCE MANUALS, BOUND AND INDEXED, WITH INSTRUCTIONS FOR ALL ELECTRICAL DEVICES, EQUIPMENT, APPLIANCES AND SYSTEMS.
- 61. PROVIDE ONE SET OF REPRODUCIBLE CONTRACT DRAWINGS, OR DIGITAL DATA FILES USING SAME SOFTWARE PROGRAM, VERSION, AND OPERATING SYSTEM AS CONTRACT DOCUMENTS, THAT HAVE BEEN REVISED AND ANNOTATED TO REFLECT THE AS-BUILT CONDITIONS OF THE PROJECT.
- 62. DELIVER CERTIFICATES OF ELECTRICAL AND OTHER INSPECTIONS, OR COPIES THEREOF, TO THE OWNER AT THE COMPLETION OF THE PROJECT WITH COPIES TO THE ENGINEER.
- 63. GUARANTEE ALL WORK IN WRITING TO THE OWNER AGAINST ANY AND ALL DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE AND PERFORM ALL CORRECTIVE WORK AT NO COST TO THE OWNER.
- 64. A CONTRACTOR MAKING A BID FOR WORK ON THIS PROJECT IS MADE AWARE BY THIS NOTE THAT IT IS THE INTENT OF THE OWNER TO HAVE A COMPLETELY INSTALLED JOB. THE CONTRACTOR MAKING A BID FOR THIS WORK WARRANTS THAT THEY WILL COMPLETE AND WIRE, PROVIDING ALL NECESSARY ELECTRICAL WORK FOR EQUIPMENT SHOWN AND / OR DETAILED ON ANY PROJECT DRAWINGS OR SPECIFICATIONS AND NOT JUST THOSE COMMONLY REFERRED TO AS A SINGLE TRADE DRAWING UNLESS SPECIFICALLY IDENTIFIED ELSEWHERE AS WORK OF OTHER TRADES. WHERE EQUIPMENT REQUIRING WIRING IS SPECIFIED OR SHOWN ON DRAWINGS OTHER THAN ELECTRICAL DRAWINGS, OR INDICATED, OR IMPLIED, SUCH AS ON SHOP DRAWINGS SUBMITTED LATER, THE CONTRACTOR CAN AND SHALL REQUEST DIRECTION REGARDING CIRCUIT SIZING PROTECTION AND ROUTING WHERE NECESSARY BUT SHALL UNDERSTAND ALL NECESSARY WORK TO COMPLETE THE INSTALLATION SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER OR PROJECT.

SYMBOL	DESCRIPTION	COMMENTS
S	SINGLE POLE TOGGLE SWITCH: 120V, 20A	46" AFF TO CL UON
S ₃	THREE - WAY SWITCH: 120V, 20A	46" AFF TO CL UO
S _K	SINGLE POLE KEY SWITCH	46" AFF TO CL UOI
	GFCI RECEPTACLE: 120V, 20A.	
	GFCI RECEPTACLE: 120V, 20A. MOUNTED 6" ABOVE COUNTER OR SINK	
HD	HAND DRYER	
(OS)	OCCUPANCY SENSOR - DUAL TECHNOLOGY - CEILING MOUNTED	
	2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
	3 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN OR BELOW SLAB	
PP	LIGHTING CONTROL RELAY POWER PACK	
	DUPLEX RECEPTACLE: 120V, 20A.	FLUSH
	DUPLEX RECEPTACLE: 120V, 20A. MOUNTED 6" ABOVE COUNTER	FLUSH
<u> </u>	QUAD RECEPTACLE: 120V, 20A.	FLUSH
F	FIRE ALARM MANUAL PULL STATION	46" AFF
SD	FIRE ALARM SMOKE DETECTOR	
H	FIRE ALARM HEAT DETECTOR	
HAC	FIRE ALARM HEAT DETECTOR - MOUNTED ABOVE CEILING	
E <	FIRE ALARM HORN / STROBE	80" - 96" AFF
ΗŒ	FIRE ALARM STROBE	80" - 96" AFF
DSD	DUCT SMOKE DETECTOR	
HS)	SPEAKER - WALL MOUNTED	
7	ELECTRICAL PANEL , RECESSED; SEE PANEL SCHEDULE.	
	ELECTRICAL PANEL, SURFACE MOUNT; SEE PANEL SCHEDULE.	
<u>C</u>	CONDUIT GOING UP.	
O	CONDUIT GOING DOWN.	
A	TELEPHONE OUTLET WITH CAT 3 CABLE RUN TO TELEPHONE DEMARC IN BASEMENT	
Δ	DATA OUTLET WITH CAT 6 CABLE RUN TO NETWORK SWITCH IN BASEMENT	
FO	FIRE ALARM BELL STROBE	
OB	PROGRAM BELL	
WAP	WIRELESS ACCESS POINT	
⊗ ⊗	EXIT SIGN	
44	EMERGENCY LIGHTING UNIT	
<u> </u>	DIGITAL CLOCK DISPLAY	
s	SPEAKER - RECESSED CEILING MOUNTED	
8	CCTV CAMERA DOME	
	LIGHT FIXTURE	
BB	BELL BOX	
MD	MOTION DETECTOR	
	LIGHT FIXTURE WITH EMERGENCY BATTERY PACK "HALO" SMART SENSOR DETECTOR	
H	"HALO" SMART SENSOR DETECTOR	

	LIST OF DRAWINGS
E 001.00	GENERAL NOTES AND LEGENDS
ED 111.00	DEMOLITION PLAN GROUND FLOOR
ED 112.00	DEMOLITION PLANS FIRST FLOOR
ED 113.00	DEMOLITION PLAN SECOND FLOOR
ED 114.00	DEMOLITION PLANS THIRD FLOOR
E 101.00	ELECTRICAL PLAN GROUND FLOOR
E 102.00	ELECTRICAL PLANS FIRST FLOOR
E 103.00	ELECTRICAL PLAN SECOND FLOOR
E 104.00	ELECTRICAL PLANS THIRD FLOOR
E 500.00	ELECTRICAL DETAILS

DRAWINGS	
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NSULTANTS:

DATE

11-03-21

538 Broad Hollow Road, 4th Floor East Melville, NY 11747 631.756.8000 • www.h2m.com

architects

DESCRIPTION

FINAL BID SET

AS SHOWN

SYMBOLS LEGEND							
100 M	ROOM DESIGNATION						
5 A2.2	BUILDING SECTION CUT						
\$ 5 A2.2	WALL SECTION CUT						
5 A2.2	DETAIL KEY						
\$ A2.2	ELEVATION KEY						
——(H)	COLUMN GRID						
	ELEVATION LINE						
Title SCALE:	DRAWING TITLE						
3 5 1 2 2	INTERIOR ELEVATION REFERENCE						
# #	SEE NOTE # ON DWG #						

		π	L
400		ABBREVIATIONS	
	COMMENTS	DESCRIPTION	BREVIATION
		ABOVE FINISHED FLOOR	AFF
		ABOVE FINISHED CEILING	AFC
"ALTERATION OF THIS DOCUMENT EXC DESIGNED BY: DRAWN BY:		ARC FAULT CIRCUIT INTERRUPTER	AFCI
SRF SRF		ABOVE FINISHED GRADE	AFG
PROJECT No.: DATE: NOVE		AUTHORITY HAVING JURISDICTION	AHJ
OUTAIT		AMPERE	AMP, A
White Plair		AUTOMATIC TRANSFER SWITCH; SEE TRANSFER SWITCH SCHEDULE	ATS
Dis		AMERICAN WIRE GAUGE	AWG
		BELOW FINISHED CEILING	BFC
		CENTERLINE	CL
		COUNTER TOP	СТ
		ELECTRICAL CONDUIT	EC
		GROUND FAULT CIRCUIT INTERRUPTER	GFCI
Renov		GROUND FAULT INDICATOR	GFI
Rochambe		GROUND	GND
High		PUBLIC SERVICE ELECTRIC AND GAS COMPANY (LOCAL ELECTRIC UTILITY)	PSEG
		MAIN CIRCUIT BREAKER	MCB
/ /		MAIN LUGS ONLY	MLO
ains Pu		NOT TO SCALE	NTS
Oldin		TYPICAL	TYP
		UNLESS OTHERWISE NOTED	UON
$\widetilde{\mathcal{A}}$		UNDER COUNTER	UC
		VOLT	V

	3				11-00-21	1 111
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TION	D	ESCRIPTION	COMMENTS		18 05	554-2
	ABOVE FINISHED FLOOR				PROFE	SSION
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	ARC FAULT CIRCUIT INTE	RRUPTER			ORAWN BY: CH	LICENSED PROF
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	AUTOMATIC TRANSFER S SCHEDULE	WITCH; SEE TRANSFER SWITCH			Plains	Cit
	AMERICAN WIRE GAUGE				Distr	ict
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	GROUND FAULT INDICATO)R			Renovati	ons
	GROUND			Roc	hambeau	
	PUBLIC SERVICE ELECTR ELECTRIC UTILITY)	IC AND GAS COMPANY (LOCAL			High So	hoo
	MAIN CIDCUIT DDEARED					

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228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

CONTRACT E ELECTRICAL CONSTRUCTION

FINAL BID DOCUMENT

GENERAL NOTES LEGENDS

E 001.00

	LIGHTING FIXTURE SCHEDULE											
SYMBOL	TYPE	MANUFACTURER	MOUNTING	LAMPS	VOLTAGE	FIXTURE WATTAGE						
	A	COLUMBIA	LCAT22-35MLG-EU EMERGENCY LCAT22-35MLG-EU-ELL14ST	2' X 2' AMBIENT LED TROFFER, CURVED LENS, 3380 LM, 80 CRI 3500K. EMERGENCY 1400 LUMEN EMERGENCY BATTERY PACK	RECESSED	LED	120	29				
	$\langle B \rangle$	LIGHT CONTROL	54L W AI 08 C2 35K 1055 NDM 1C UNV FL EMERGENCY LCAT22-35MLG-EU-ELL14ST	4" X 8' LED COVE LIGHT, ALUMINUM HOUSING, 4400 LM, 80 CRI 3500K, TEXTURED MATTE WHITE FINISH.	WALL	LED	120	64				
፟ ♥	X	DUAL LITE	EVEURWEI	EXIT SIGN, 6" RED LETTERS, PLASTIC HOUSING, BATTERY BACKUP	UNIVERSAL	LED	120	2				
NOTES:			EMERGENC	Y TYPE LE	GEND:							
	VERIFY CEILING TYPE AND OPERATING VOLTAGE BEFORE ORDERING LIGHTING FIXTURES. COORDINATE COMPATIBILITY OF FIXTURES WITH BUILDING CONSTRUCTION FOR AVAILABLE SPACE, CLEARANCE, ACCESSIBILITY, ETC.						HADDED SHAL	L INCLUDE AN				

VAC

VDC

X-FMR

VOLTS ALTERNATING CURRENT

VOLTS DIRECT CURRENT

TRANSFORMER

WEATHERPROOF

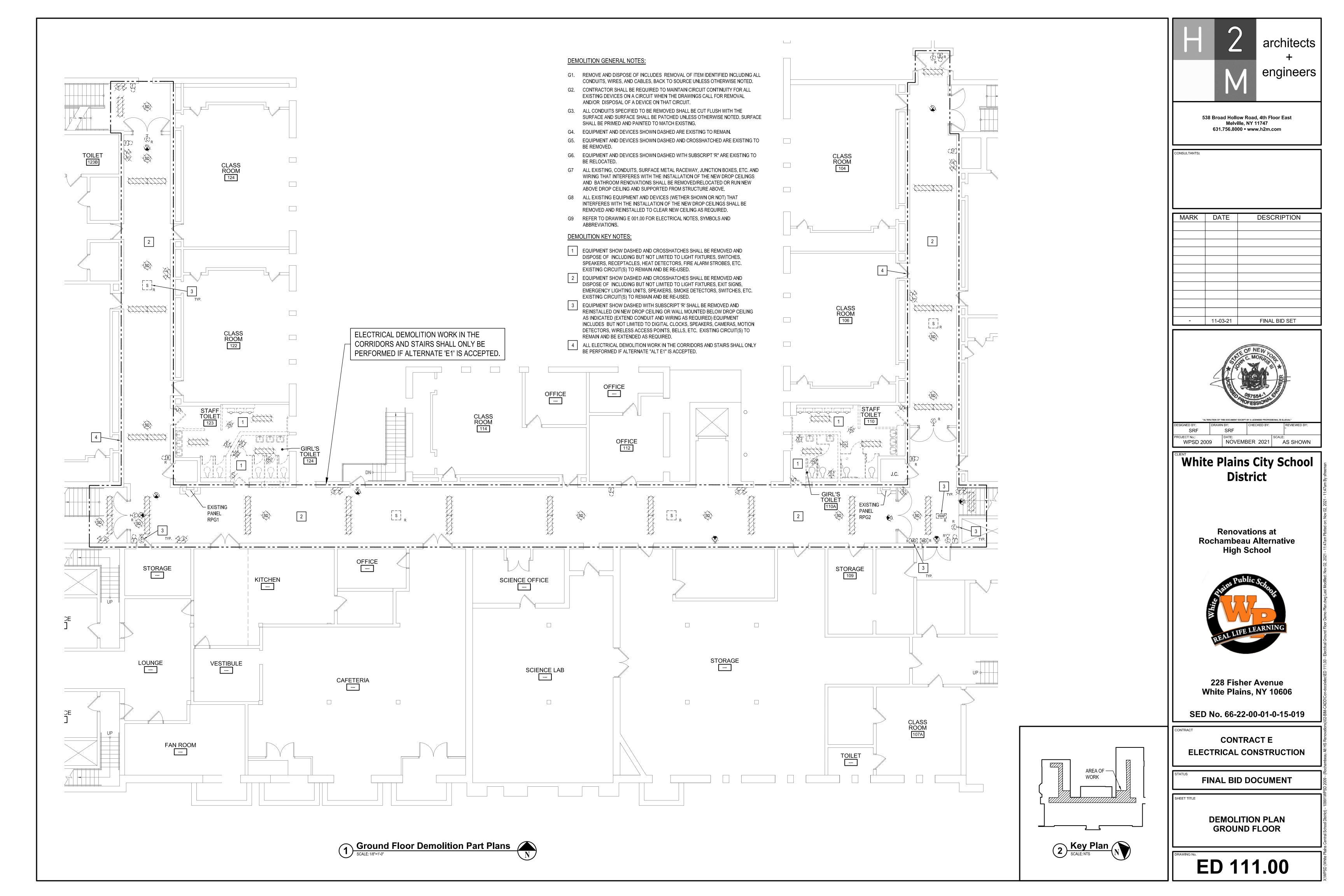
THE LIGHTING MANUFACTURERS AND CATALOG NUMBERS INDICATED IN THE ABOVE LIGHTING FIXTURE SCHEDULE REPRESENT THE BASIS OF DESIGN SELECTIONS FOR THIS PROJECT AND COMPLY WITH THE 10TH EDITION OF THE I.E.S. LIGHTING HANDBOOK ILLUMINATION LEVEL REQUIREMENTS AND ASHRAE STANDARD 90.1 - 2013 ENERGY STANDARD REQUIREMENTS. THE REQUIREMENTS OF SECTION 260500.10 "SPECIAL REQUIREMENTS FOR ELECTRICAL WORK" OF THE CONTRACT SPECIFICATIONS MUST BE FOLLOWED SHOULD THE CONTRACTOR ELECT TO SUBSTITUTE AN ALTERNATE MANUFACTURER FOR ANY OF THE LIGHT FIXTURE TYPES. PERFORMANCE OF THE FIXTURE IS CRITICAL AND PROVIDING PHOTOMETRIC DATA IS AMONG REQUIREMENTS IN DETERMINING WHETHER THE SUBMITTED LIGHT FIXTURE CAN PROVIDE THE REQUIRED NORMAL AND EMERGENCY LIGHTING ILLUMINATION LEVELS BASED ON THE QUANTITY AND LOCATIONS OF THE LIGHT FIXTURES INDICATED ON THE CONTRACT LIGHTING PLAN DRAWINGS.

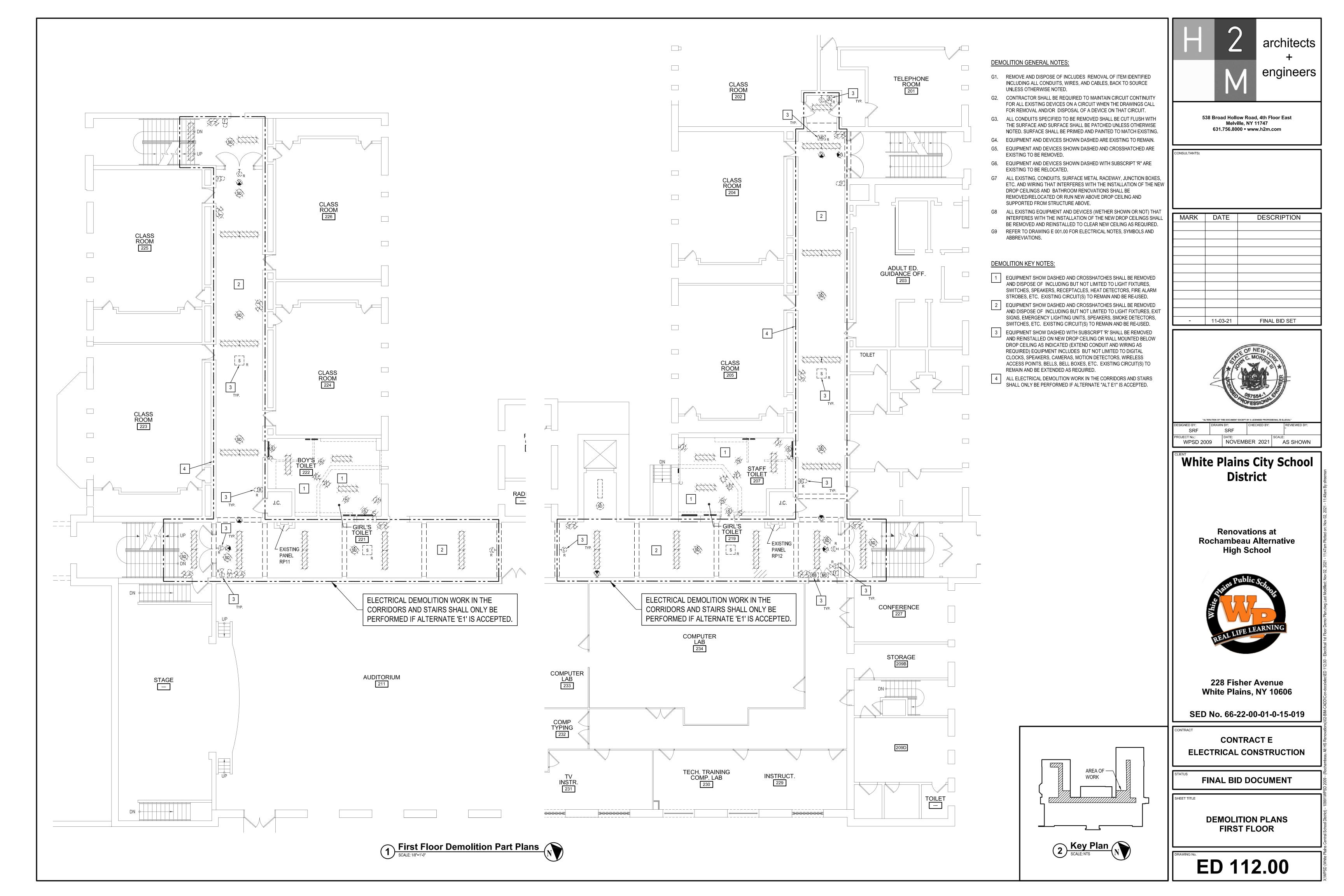
CONSTRUCTION FOR AVAILABLE SPACE, CLEARANCE, ACCESSIBILITY, ETC.

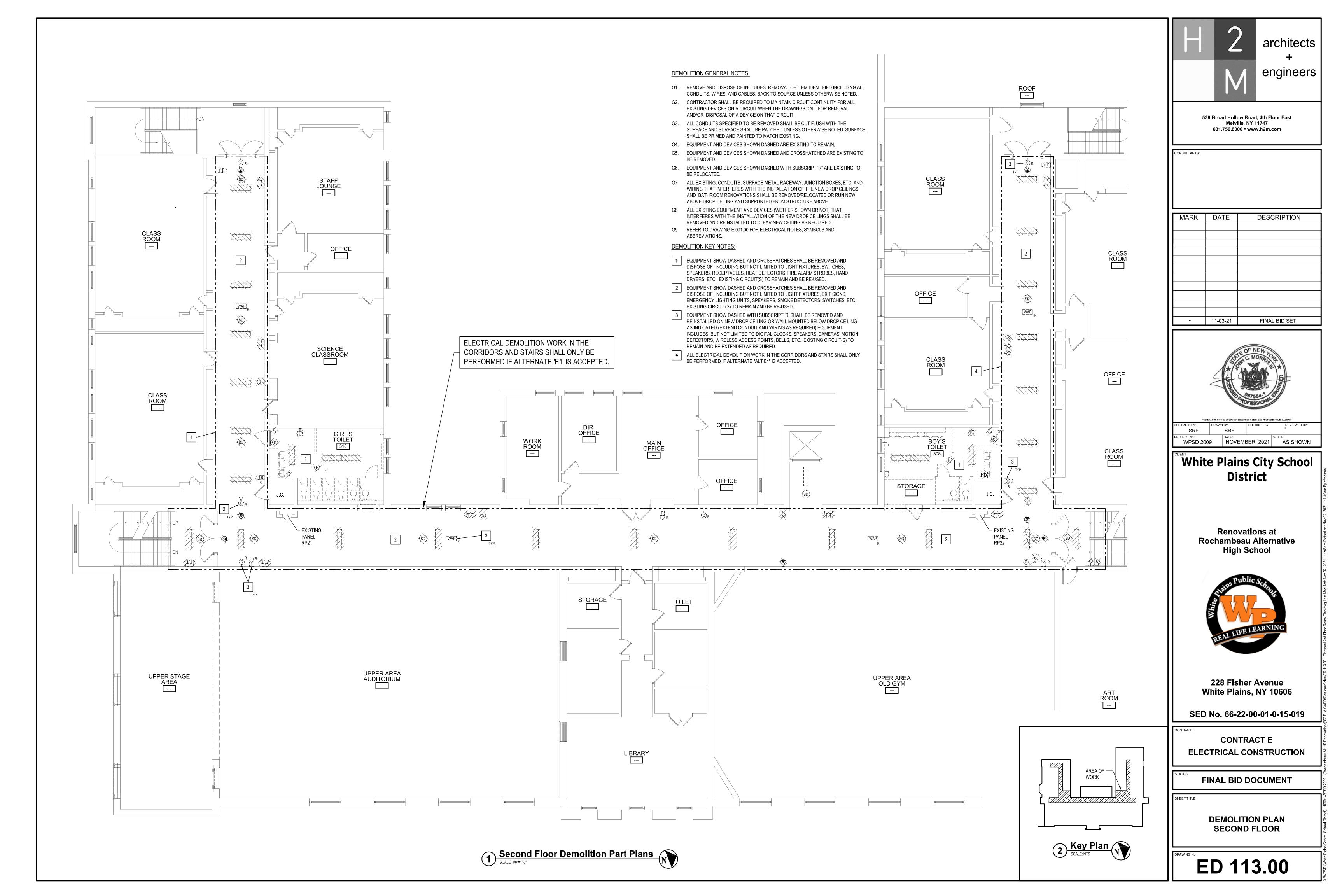
INTEGRAL OR REMOTE EMERGENCY

BATTERY PACK TO PROVIDE A MINIMUM OF

90 MINUTES OF EMERGENCY LIGHTING.







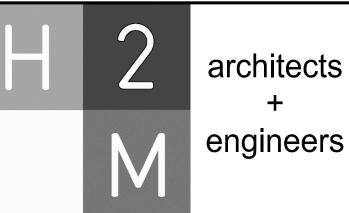




- G1. REMOVE AND DISPOSE OF INCLUDES REMOVAL OF ITEM IDENTIFIED INCLUDING ALL CONDUITS, WIRES, AND CABLES, BACK TO SOURCE UNLESS OTHERWISE NOTED.
- G2. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
- G3. ALL CONDUITS SPECIFIED TO BE REMOVED SHALL BE CUT FLUSH WITH THE SURFACE AND SURFACE SHALL BE PATCHED UNLESS OTHERWISE NOTED. SURFACE SHALL BE PRIMED AND PAINTED TO MATCH EXISTING.
- G4. EQUIPMENT AND DEVICES SHOWN SHOWN DASHED ARE EXISTING TO REMAIN.
- G5. EQUIPMENT AND DEVICES SHOWN DASHED AND CROSSHATCHED ARE EXISTING TO BE REMOVED, UNLESS OTHERWISE NOTED.
- G6. REFER TO DRAWING E 001.00 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.

DEMOLITION KEY NOTES:

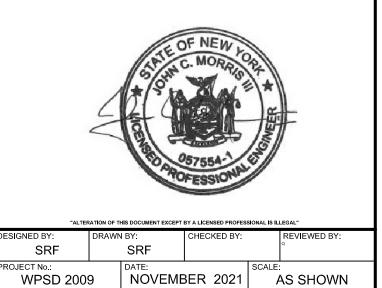
- 1 DISCONNECT EXISTING EXHAUST FAN.
- DISCONNECT EXISTING DUCT SMOKE DETECTOR AND SAVE FOR INSTALLATION IN NEW DUCTWORK.
- 3 DISCONNECT EXISTING DAMPER MOTOR.



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SULTANTS:		

MARK	DATE	DESCRIPTION
-	11-03-21	FINAL BID SET



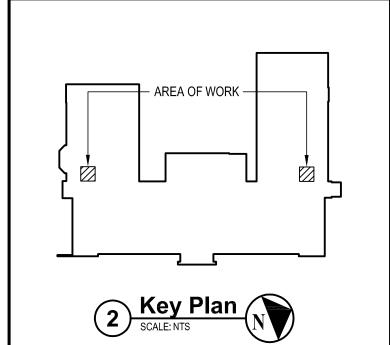
White Plains City School District

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019

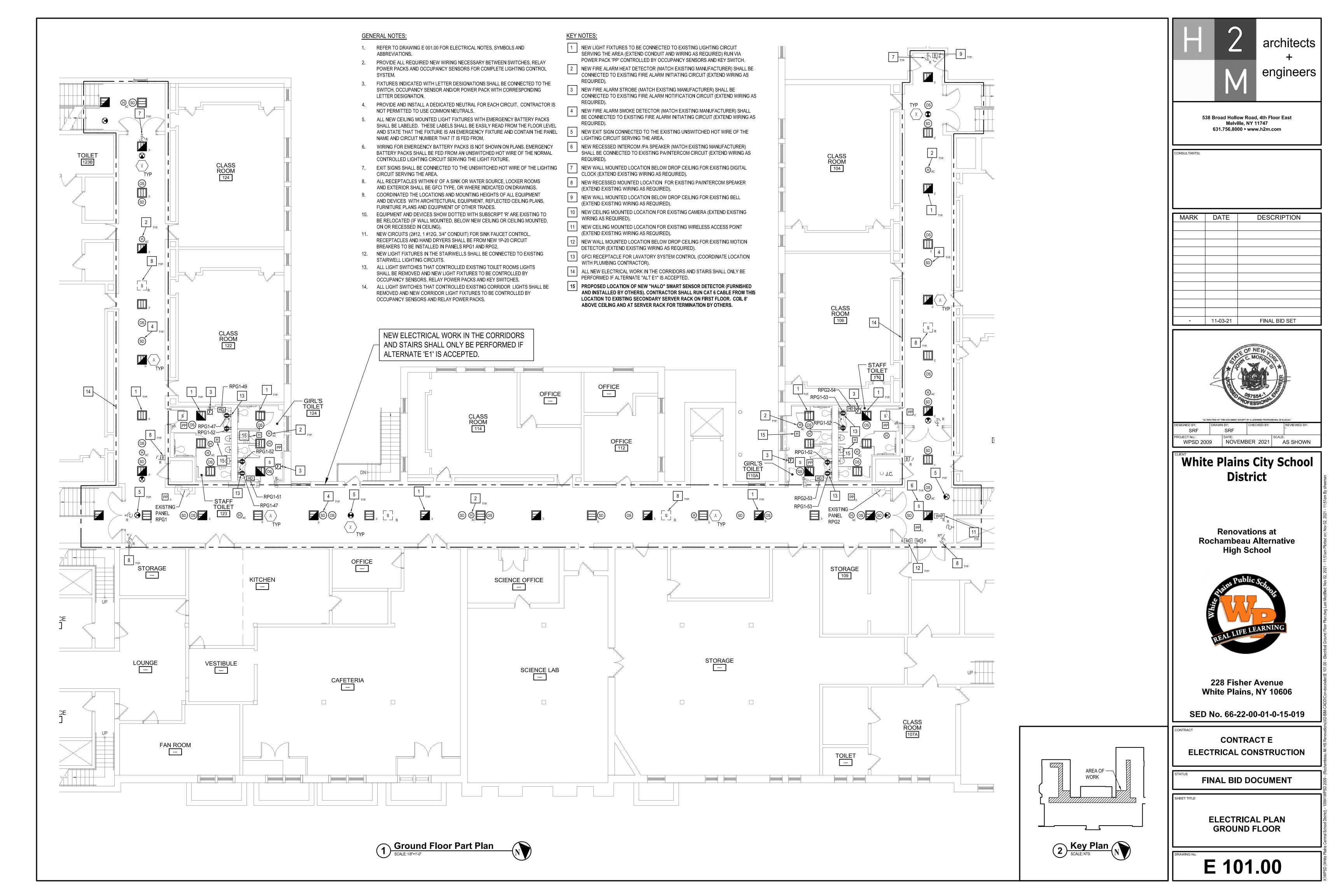


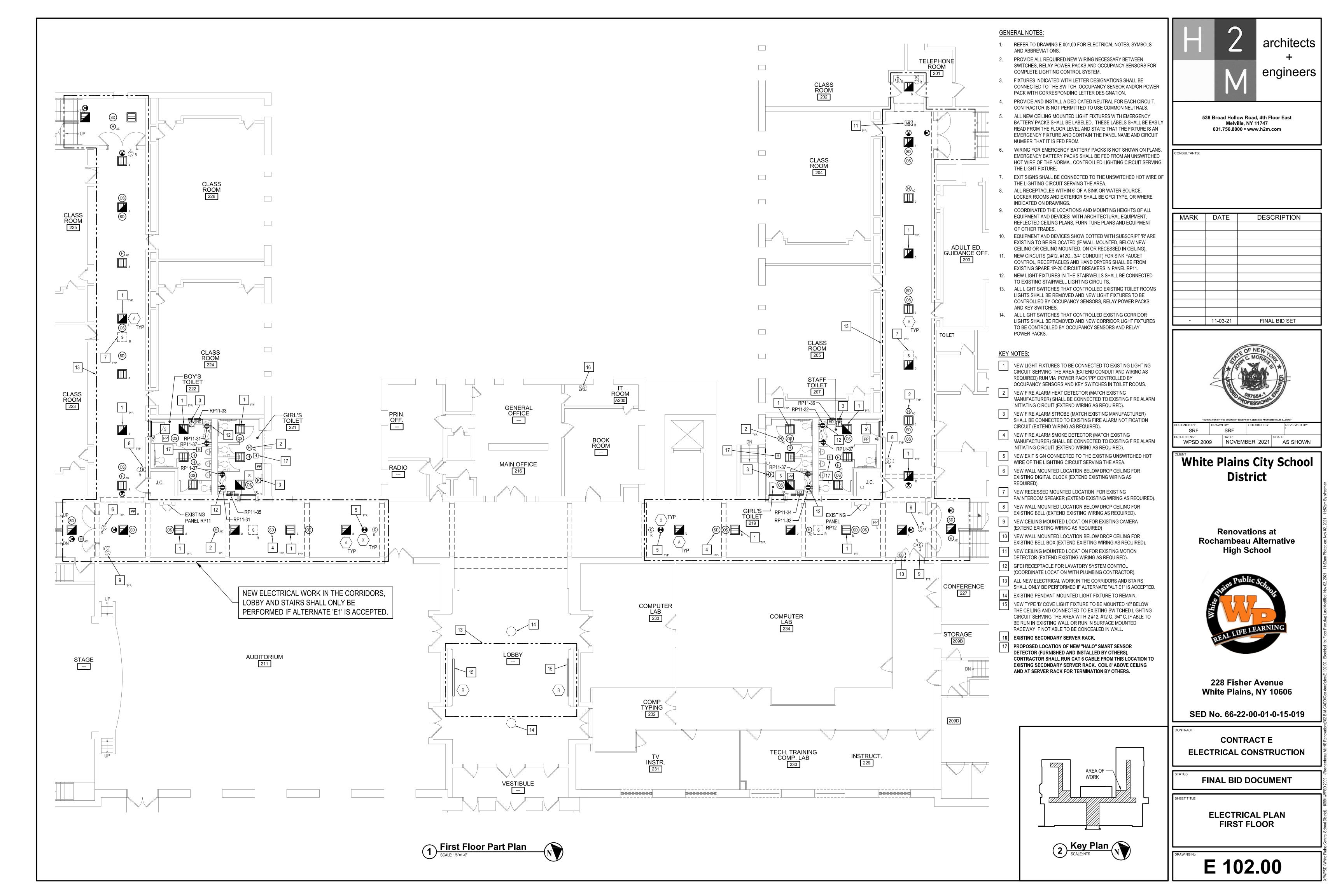
CONTRACT E ELECTRICAL CONSTRUCTION

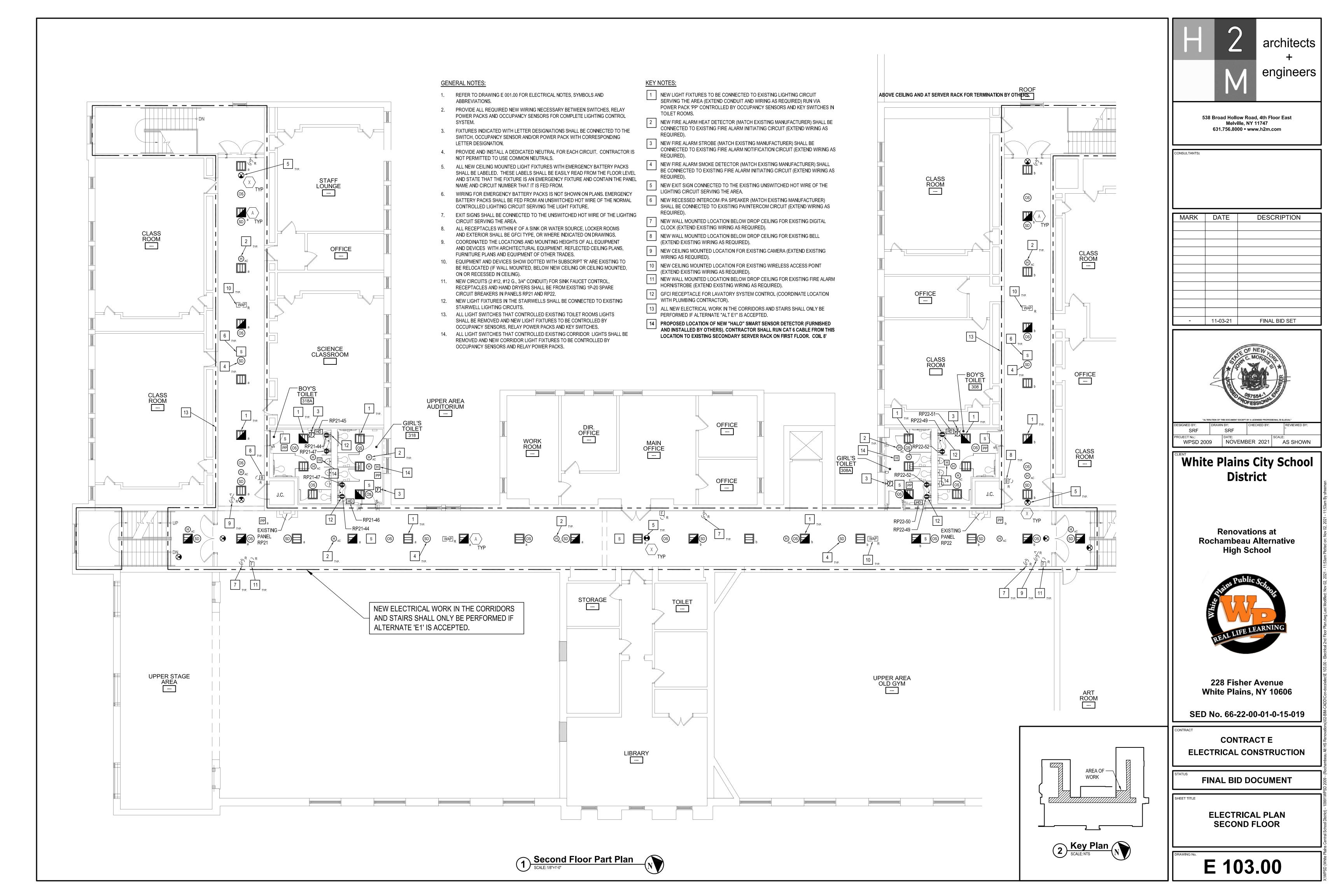
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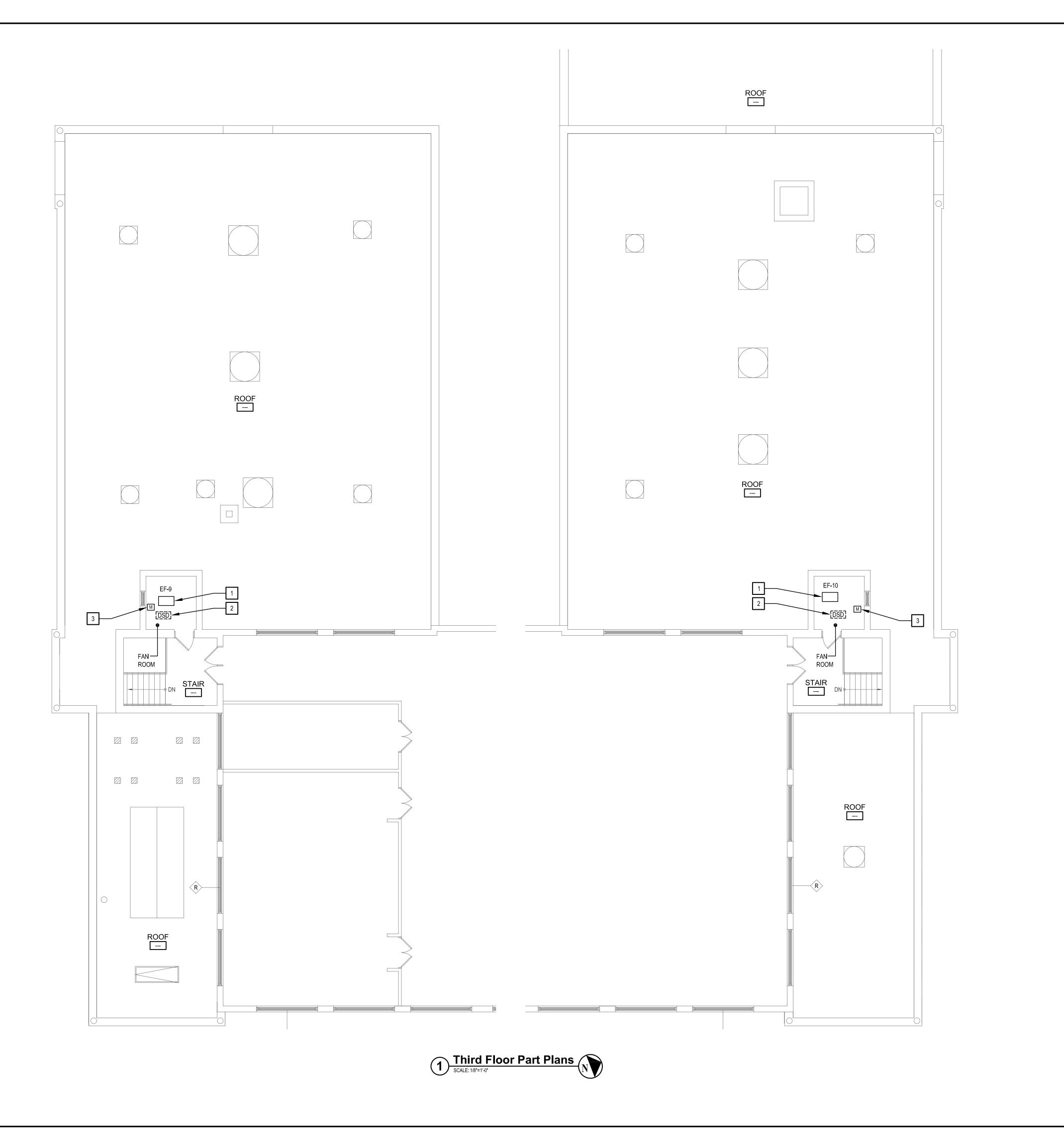
DEMOLITION PLANS THIRD FLOOR

ED 114.00







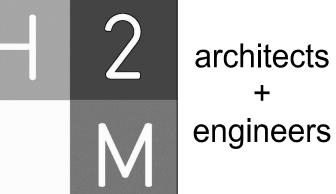


GENERAL NOTES:

- 1. REFER TO DRAWING E 001.00 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.
- 2. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
- 3. ALL RECEPTACLES WITHIN 6' OF A SINK OR WATER SOURCE, LOCKER ROOMS AND EXTERIOR SHALL BE GFCI TYPE, OR WHERE INDICATED ON DRAWINGS.
- 4. COORDINATED THE LOCATIONS AND MOUNTING HEIGHTS OF ALL RECEPTACLES, DATA AND TELEPHONE OUTLETS WITH ARCHITECTURAL EQUIPMENT AND FURNITURE PLANS AND EQUIPMENT OF OTHER TRADES.

KEY NOTES:

- NEW EXHAUST FAN TO BE CONNECTED TO EXISTING FAN CIRCUIT (EXTEND WIRING AS REQUIRED).
- NEW DAMPER MOTOR TO BE CONNECTED TO EXISTING DAMPER MOTOR CIRCUIT (EXTEND WIRING AS REQUIRED).
- EXISTING DUCT SMOKE DETECTOR TO BE RECONNECTED TO EXISTING FIRE INICIATING CIRCUIT (EXTEND WIRING AS REQUIRED) AND WIRE TO NEW FAN MOTOR STARTER FOR SHUTDOWN.



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ISULTANTS:		

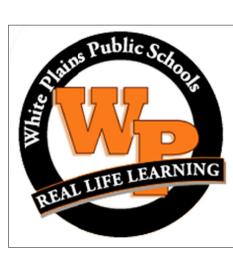
MARK	DATE	DESCRIPTION
-	11-03-21	FINAL BID SET



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ı	PROJECT No.: WPSD 2009	9	NOVEME	BER	2021	SCALE /	AS SHOWN			

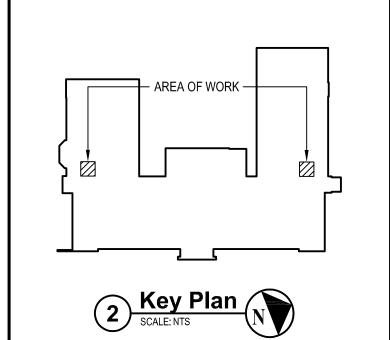
White Plains City School **District**

Renovations at Rochambeau Alternative High School



228 Fisher Avenue White Plains, NY 10606

SED No. 66-22-00-01-0-15-019



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ELECTRICAL PLANS THIRD FLOOR

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C/B TRIP			08V, 3P, 3 /208V, 3P				2P, 2W /, 2P, 3W				120V,	1P, 2W		
15	DISTANCE IN FEET MINIMUM WIRE SIZE	177 12	273 10	429 8	153 12	236 10	371 8	578 6	88 12	136 10	214 8	333 6	500 4	625 3
20	DISTANCE IN FEET MINIMUM WIRE SIZE	132 12	205 10	322 8	115 12	177 10	279 8	433 6	66 12	102 10	161 8	250 6	375 4	469 3
30	DISTANCE IN FEET MINIMUM WIRE SIZE	136 10	214 8	334 6	118 10	186 8	289 6	433 4	68 10	107 8	167 6	250 4	313 3	375 2
40	DISTANCE IN FEET MINIMUM WIRE SIZE	161 8	250 6	375 4	139 8	217 6	325 4	406 3	80 8	125 6	188 4	234 3	281 2	352 1
50	DISTANCE IN FEET MINIMUM WIRE SIZE	129 8	200 6	300 4	111 8	173 6	260 4	325 3	64 8	100 6	150 4	188 3	225 2	281 1
60	DISTANCE IN FEET MINIMUM WIRE SIZE	167 6	250 4	313 3	144 6	217 4	271 3	325 2	83 6	125 4	156 3	188 2	234 1	
70	DISTANCE IN FEET MINIMUM WIRE SIZE	214 4	268 3	322 2	186 4	232 3	279 2	348 1	107 4	134 3	161 2	201 1		
80	DISTANCE IN FEET MINIMUM WIRE SIZE	188 4	235 3	281 2	163 4	203 3	244 2	305 1	94 4	117 3	141 2	176 1		
90	DISTANCE IN FEET MINIMUM WIRE SIZE	208 3	250 2	313 1	181 3	217 2	271 1		104 3	125 2	156 1			
100	DISTANCE IN FEET MINIMUM WIRE SIZE	188 3	225 2	281 1	163 3	195 2	244 1		94 3	113 2	141 1			

NOTES:

- READ ACROSS TO THE RIGHT FROM C/B TRIP TO DESIRED VOLTAGE CHARACTERISTICS AND NEXT GREATER DISTANCE THAN CIRCUIT IN QUESTION.
- 2. READ DOWN TO MINIMUM WIRE SIZE.
- DISTANCES ARE TO THE CENTER OF CONCENTRATED LOAD SUCH AS CLASSROOM LIGHTING OR THE MIDPOINT OF DISTRIBUTED LOAD SUCH AS CORRIDOR LIGHTING.
- 4. EQUIPMENT GROUNDING CONDUCTORS SHALL BE INCREASED IN SIZE PROPORTIONATELY PER N.E.C.

NOTES TO PANELBOARD SCHEDULES AND BRANCH CIRCUIT WIRE SIZING TABLES

WIRE SIZING

UNLESS OTHERWISE INDICATED, MINIMUM WIRE AMPACITY SHALL BE GREATER THAN OR EQUAL TO THE BRANCH CIRCUIT TRIP BASED ON COPPER CONDUCTOR WITH 90-DEGREE C THHN INSULATION APPLIED AT ITS 75-DEGREE C AMPACITY.

REFER TO THE BRANCH CIRCUIT WIRE SIZING TABLES FOR DISTANCE LIMITATIONS FOR THE MINIMUM WIRE SIZE AND FOR SELECTING THE PROPER WIRE SIZE FOR THE DISTANCE AND VOLTAGE DROP INVOLVED.

NUMBER OF CONDUCTORS

UNLESS OTHERWISE INDICATED, QUANTITIES OF WIRES SHALL BE BASED ON AN INDIVIDUAL HOMERUN FOR EACH CIRCUIT AS FOLLOWS.

	PHASE CONDUCTOR	FULL CIRCUIT SIZE NEUTRAL CONDUCTOR	FULL CIRCUIT SIZE EQUIPMENT GROUNDING CONDUCTOR	FULL CIRCUIT SIZE ISOLATED GROUND CONDUCTOR
1 POLE CIRCUIT	1	1	1	0
1 POLE DATA/ COMPUTER CIRCUIT	1	1	1	1
2 POLE CIRCUIT	2	1	1	0
3 POLE CIRCUIT	3	1	1	0
3 POLE MOTOR CIRCUIT DELTA	3	0	1	0
3 POLE MOTOR CIRCUIT WYE	3	1	1	0

CONSECUTIVE INDIVIDUAL 20 AMP LINE TO NEUTRAL BRANCH CIRCUITS MAY NOT BE COMBINED INTO MULTIWIRE BRANCH CIRCUITS HAVING HOMERUNS WITH A COMMON NEUTRAL CONDUCTOR.

SINGLE PHASE, TWO POLE, TWO WIRE, LINE TO LINE, BRANCH CIRCUITS AND SINGLE PHASE, TWO POLE, THREE WIRE, LINE TO LINE PLUS NEUTRAL, BRANCH CIRCUITS SHALL HAVE INDIVIDUAL UNCOMBINED HOMERUNS.

COMBINED TWO AND THREE CIRCUIT HOMERUNS SHALL HAVE SEPARATE NEUTRALS FOR EACH CIRCUIT BUT A COMMON EQUIPMENT GROUNDING CONDUCTOR AND A COMMON ISOLATED GROUNDING CONDUCTOR MAY BE USED.

	PHASE CONDUCTOR	FULL CIRCUIT SIZE NEUTRAL CONDUCTOR	FULL CIRCUIT SIZE EQUIPMENT GROUNDING CONDUCTOR	FULL CIRCUIT SIZE ISOLATED GROUND CONDUCTOR
TWO 1 POLE HOMERUNS	2	2	1	0
TWO 1 POLE DATA/COMP. CIRCUIT HOMERUNS	2	2	1	1
THREE 1 POLE HOMERUNS	3	3	1	0
THREE 1 POLE DATA/COMP. CIRCUIT HOMERUNS	3	3	1	1

COMBINED HOMERUNS SHALL HAVE THE MINIMUM BRANCH CIRCUIT WIRE SIZE INCREASED IN ACCORDANCE WITH CURRENT NATIONAL ELECTRICAL ADJUSTMENT FACTORS FOR NUMBER OF CURRENT CARRYING CONDUCTORS IN A RACEWAY.

NEUTRAL CONDUCTORS FOR FLUORESCENT AND HIGH INTENSITY DISCHARGE LIGHTING CIRCUITS ARE CURRENT CARRYING CONDUCTORS.

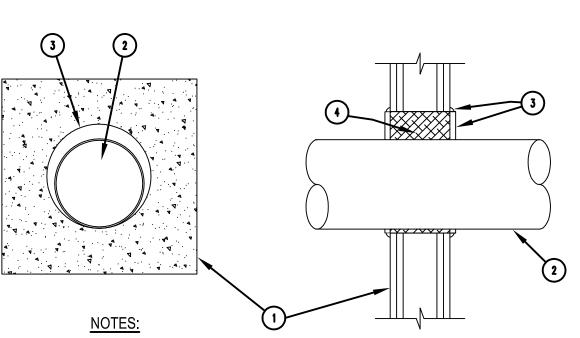
INDIVIDUAL NEUTRAL CONDUCTOR FOR COMBINED HOMERUNS FOR DATA / COMPUTER OUTLETS ARE CURRENT CARRYING CONDUCTORS.

NEUTRAL CONDUCTORS FOR DIMMING CIRCUITS ARE CURRENT CARRYING CONDUCTORS.

RACEWAY SIZING

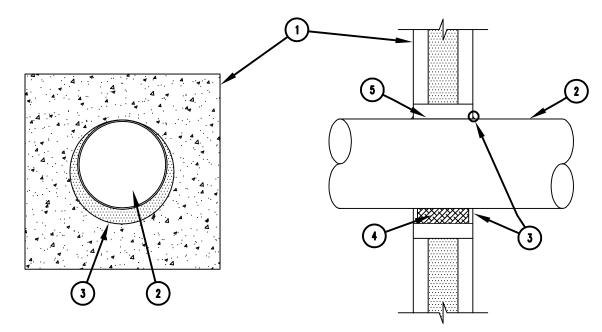
ALL RACEWAYS SHALL BE SIZED IN ACCORDANCE WITH THE CURRENT NATIONAL ELECTRICAL CODE IN EFFECT AS A MINIMUM SIZE. THE MORE COMMON SIZES ARE INCLUDED HERE FOR THE CONTRACTOR'S CONVENIENCE.

WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE	WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE
12	3	3/4"	8	3	3/4"
12	4	3/4"	8	4	3/4"
12	5	3/4"	8	5	3/4"
12	6	3/4"	8	6	1"
12	7	3/4"	8	7	1"
12	8	3/4"	8	8	1"
10	3	3/4"	6	3	3/4"
10	4	3/4"	6	4	3/4"
10	5	3/4"	6	5	1"
10	6	3/4"	6	6	1"
10	7	3/4"	6	7	1-1/4"
10	8	3/4"	6	8	1-1/4"



- 1 RATED GYPSUM WALL BOARD ASSEMBLY.
- MAXIMUM 10" TRADE SIZE STEEL CONDUIT OR EMT.
- (3) STI SPECSEAL SERIES 100 SEALANT INSTALLED TO A 1/2" DEPTH FLUSH TO THE END OF THE SLEEVE WITH AN ADDITIONAL 1/4" CROWN APPLIED AROUND THE SLEEVE / WALL INTERFACE. ANNULUS RANGING FROM 1/8" MINIMUM TO 2 1/4" MAXIMUM.
- STEEL SLEEVE PACKED WITH MINERAL WOOL BATT, TO FULL THICKNESS RECESSED FROM BOTH SIDES TO ACCOMMODATE FILL MATERIAL.

1 OR 2 HOUR RATED FIRESTOP FOR METALLIC CONDUIT THRU GYPSUM BOARD WALLS

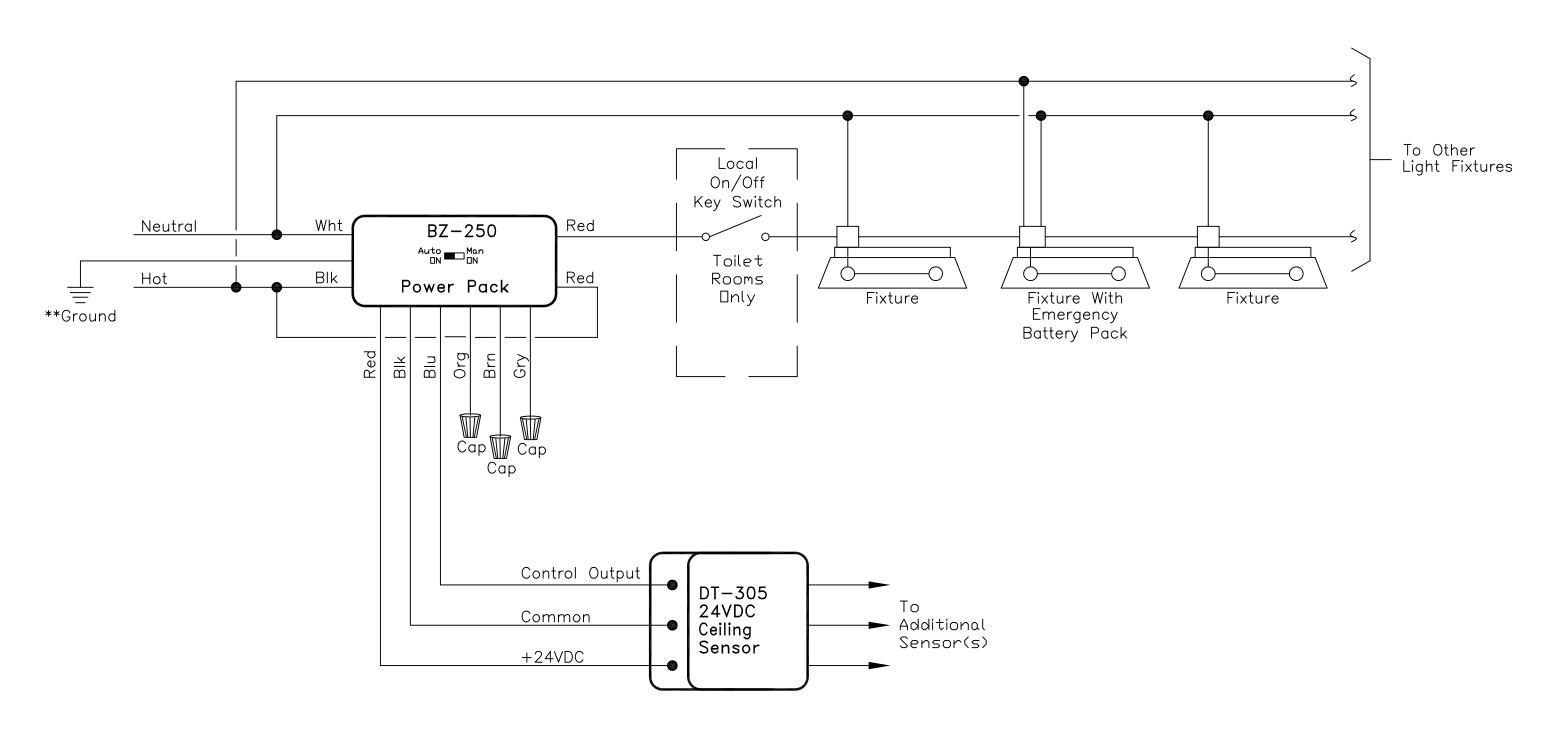


- (1) CONCRETE SLAB OR CONCRETE OVER STEEL DECK.
- MAXIMUM 8" TRADE SIZE STEEL CONDUIT. ANNULUS RANGING FROM POINT CONTACT* TO 1.4" MAXIMUM.
- 3 STI SPECSEAL SERIES 100 SEALANT INSTALLED TO A 1/2" DEPTH. **
- MINERAL WOOL BATT, NOMINAL 4PCF. TO FULL THICKNESS RECESSED FROM BOTH SIDES TO ACCOMMODATE FILL MATERIAL.
- 5 STEEL SLEEVE.

*NOTE: A MINIMUM ANNULAR SPACE OF 1/4" AND A 28 GAUGE STEEL COVER PLATE ARE REQUIRED FOR A 4 HOUR RATING. **NOTE: AT POINT CONTACT APPLY A 3/8" COVE BEAD OF SEALANT BETWEEN PIPE AND BOTH SURFACES OF WALL.

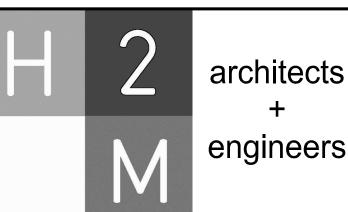
3 HOUR RATED FIRESTOP FOR METALLIC CONDUIT THRU

NEW MASONRY WALLS



1 Lighting Control Detail SCALE: N.T.S.

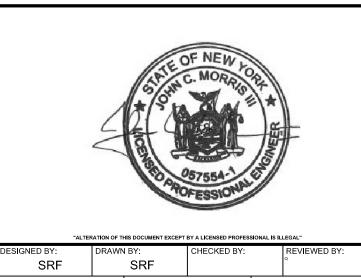
- 1. LIGHTING CONTROL DETAIL IS BASED ON EQUIPMENT FROM LEGRAND
- WIRING OF THE LIGHTING CONTROL SYSTEM SHALL BE ACCORDING TO THE
- MANUFACTURES RECOMMENDATIONS.
- 3. OCCUPANCY SENSOR LAYOUT / SPACING COVERAGE SHALL HAVE A 20%



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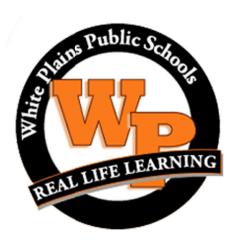


White Plains City School

District

WPSD 2009 | NOVEMBER 2021 | AS SHOWN

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ELECTRICAL DETAILS

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