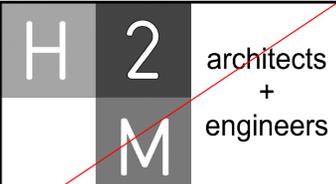


White Plains City School District TOILET ROOM RENOVATIONS AT GEORGE WASHINGTON ELEMENTARY SCHOOL

100 ORCHARD STREET WHITE PLAINS, NEW YORK 10604

SED PROJECT CONTROL NUMBER 66-22-00-01-0-009-016

CONTRACT G - GENERAL CONSTRUCTION, ASBESTOS ABATEMENT, PLUMBING, HVAC & ELECTRICAL WORK



2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

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



DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
CWP	MKS		
PROJECT NO.:	DATE:	SCALE:	
WPSD 2007	NOVEMBER 2021	AS SHOWN	

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604
66-22-00-01-0-009-016

**CONTRACT G
GENERAL CONSTRUCTION**

FINAL BID DOCUMENT

**GENERAL NOTES, MAPS,
DRAWINGS LIST AND LEGENDS**

G000.00

ABBREVIATIONS

AB	Anchor Bolt	FIN	Finish
A/C	Air Conditioning	FR	Fire Retardant
ACI	American Concrete Institute	FTG	Footing
ACST	Acoustic	GA	Gauge
ACT	Acoustical Ceiling Tie	GWB	Gypsum Wall Board
ACU	Air Conditioning Unit	GYP	Gypsum
AD	Access Door	GYP. BD.	Gypsum Board
ADJ	Adjustable	HC	Horizontal
A/E	Architect/Engineer	HM	Hollow Metal
AFF	Above Finish Floor	HOR	Horizontal
ALUM	Aluminum	HW	Hot Water
ANCH	Anchor	INSUL	Insulation/Insulating
ANSI	American National Standards Institute	INT	Interior
APA	Access Panel	LAV	Lavatory
APPROX	Approximately	LDR	Leader
ASPH	Asphalt	LT	Light
ASTM	American Society for Testing & Materials	LT	Light
AWS	American Welding Society	MAX	Maximum
B	Blanket	MECH	Mechanical
BAL	Balance	MISC	Miscellaneous
BB	Bulletin Board	MO	Masonry Opening
BD	Board	MR	Moisture Resistant
BLDG	Building	NIC	Not in Contract
BLK	Block	NTS	Not to Scale
BLKG	Blocking	OC	On Center
BM	Beam	OD	Outside Diameter
B.O.	Bottom Of	PLYWD	Plywood
BOL	Bottom Of Lintel	PSF	Pounds per Square Foot
BOT	Bottom	PSI	Pounds per Square Inch
CEIL	Ceiling	PVC	Painted
CEM	Cement	PVC	Polyvinyl Chloride
CER	Ceramic	R	Radius or Riser
CLO	Closet	RCP	Reflected Ceiling Plan
CMU	Concrete Masonry Unit	RD	Roof Drain
COL	Column	REINF	Reinforced
CONC	Concrete	RM	Room
CONST	Construction	RM	Rough Opening
CONT	Continuous	SIM	Similar
CORR	Corridor	SPEC	Specifications
CPT	Carpet	SQ	Square
DS	Downspout	SS	Stainless Steel
DW	Dishwasher	STL	Steel
DWG	Drawing	TEMP	Temperature
EA	Each	TER	Terrazzo
ELEV	Elevation	THK	Thick
ELEC	Electric/Electrical	TYP	Typical
ELEV	Elevator	UTIL	Utility
EP	Electrical Panel	VB	Vapor Barrier
EQ	Equipment	VCT	Vinyl Composition Tile
EQUIP	Existing	VERT	Vertical
EXST	Existing	VTR	Vent Thru Roof
EXH	Exhaust	WC	Water Closet
FAI	Fresh Air Intake	WH	Water Heater
F.C.	Fire Code	WWF	Welded Wire Fabric
FD	Floor Drain		

GENERAL NOTES

ALL WORK SHALL COMPLY WITH THE NEW YORK STATE FIRE PREVENTION AND BUILDING CODE AS WELL AS THE NEW YORK STATE EDUCATION DEPARTMENT MANUAL OF PLANNING STANDARDS.

ALL NOTES APPEARING HEREIN, WITH THOSE ON VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT DOCUMENTS.

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VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.

DISTURB ONLY THOSE AREAS OF THE SITE AFFECTED BY RENOVATION, UNLESS NOTED OTHERWISE. PROTECT ALL OTHER AREAS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL PATCH AND REPAIR OF EXISTING FINISHES WHICH ARE DAMAGED DURING CONSTRUCTION.

EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANSI AND PROVIDE WHERE APPLICABLE ADA COMPLIANT BUILDING COMPONENTS.

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DRAWING LIST

INFORMATIONAL DRAWINGS

G000.00 GENERAL NOTES, MAPS, DRAWING LIST, STAGING PLAN, EXIT PLAN & LEGENDS

G100.00 EXISTING FIRST FLOOR PLAN

G101.00 EXISTING SECOND FLOOR PLAN

G102.00 EXISTING THIRD FLOOR PLAN

ASBESTOS ABATEMENT DRAWINGS

H001.00 ASBESTOS ABATEMENT GENERAL NOTES

H002.00 ASBESTOS ABATEMENT GIRL'S AND BOYS TOILETS FLOOR PLANS 2ND FLOOR

H003.00 ASBESTOS ABATEMENT GIRL'S AND BOYS TOILETS FLOOR PLANS 3RD FLOOR

ARCHITECTURAL DRAWINGS

AD 100.00 ENLARGED DEMOLITION BATHROOM PLANS

AD 101.00 ENLARGED DEMOLITION BATHROOM PLANS

A 000.00 PARTITION TYPES

A 100.00 ENLARGED BATHROOM PLANS

A 101.00 ENLARGED BATHROOM PLANS

A 102.00 ENLARGED BATHROOM PLANS

A 103.00 ENLARGED BATHROOM PLANS

A 500.00 DETAILS

A 600.00 DOOR SCHEDULE, DETAILS & FINISH SCHEDULE

HVAC DRAWINGS

M 001.00 MECHANICAL GENERAL LEGENDS AND SCHEDULES

MD 100.00 MECHANICAL DEMOLITION PLAN FIRST FLOOR

MD 101.00 MECHANICAL DEMOLITION PLAN SECOND FLOOR

MD 102.00 MECHANICAL DEMOLITION PLAN THIRD FLOOR

M 100.00 MECHANICAL FLOOR PLAN FIRST FLOOR

M 101.00 MECHANICAL FLOOR PLAN SECOND FLOOR

M 102.00 MECHANICAL FLOOR PLAN THIRD FLOOR

M 300.00 MECHANICAL SCHEDULES AND DETAILS

PLUMBING DRAWINGS

P 000.00 GENERAL NOTES, LEGEND AND ABBREVIATIONS

P 100.00 FIRST FLOOR KEY PLAN

P 102.00 SECOND FLOOR KEY PLAN

P 200.00 PLUMBING DEMOLITION ENLARGEMENT PLANS

P 201.00 PLUMBING PROPOSED ENLARGEMENT PLANS

ELECTRICAL DRAWINGS (CONTRACT E)

E 001.00 GENERAL NOTES AND LEGENDS

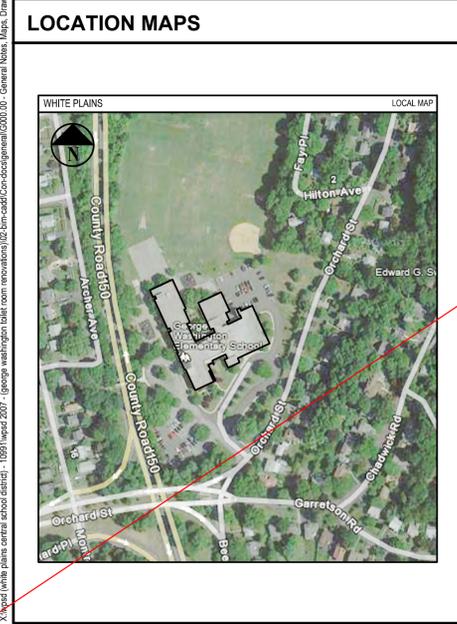
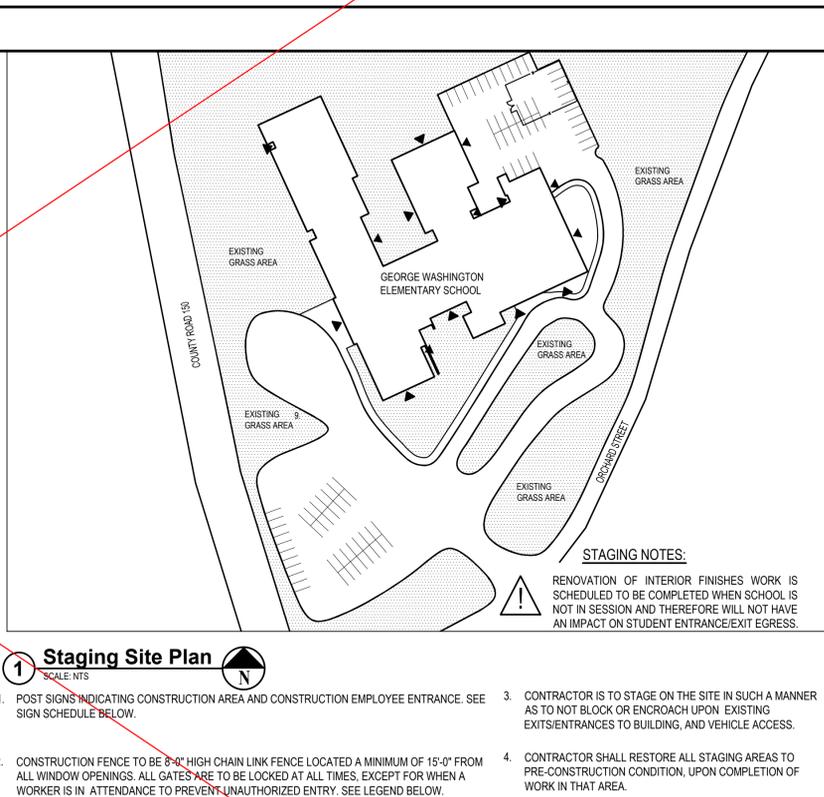
ED 101.00 DEMOLITION PLAN PARTIAL FIRST FLOOR

ED 112.00 DEMOLITION PLAN PARTIAL SECOND FLOOR

E 101.00 ELECTRICAL PLAN PARTIAL FIRST FLOOR

E 102.00 ELECTRICAL PLAN PARTIAL SECOND FLOOR

E 500.00 ELECTRICAL DETAILS



SYMBOLS LEGEND

	GYMNASIUM		ROOM DESIGNATION		GYPSUM
	SECTION MARK		CONCRETE		AGGREGATE SUB-BASE
	DETAIL SYMBOL		EARTH		BATT INSULATION
	ELEVATION KEY		PLYWOOD		RIGID INSULATION
	INTERIOR ELEVATION REFERENCE		STEEL		WOOD
	ELEVATION LINE		WOOD BLOCKING		
	REVISION				
	PARTITION TYPE				

UNIFORM SAFETY STANDARDS - FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS

- "THE OCCUPIED PORTION OF ANY SCHOOL BUILDING SHALL ALWAYS COMPLY WITH THE MINIMUM REQUIREMENTS NECESSARY TO MAINTAIN A CERTIFICATE OF OCCUPANCY."
- SPECIFIC AREAS HAVE BEEN TESTED AND FOUND TO CONTAIN ASBESTOS AS DESCRIBED IN THE PROJECT MANUAL. THESE AREAS WILL BE ABATED IN ACCORDANCE WITH SPECIFICATION SECTION 02620. A COPY OF THE REPORT CAN BE VIEWED AT THE DISTRICT OFFICE LOCATED AT 5 HOMESIDE LANE, WHITE PLAINS, NY 10605
- "GENERAL SAFETY AND SECURITY STANDARDS FOR CONSTRUCTION PROJECTS:
 - ALL CONSTRUCTION MATERIALS SHALL BE STORED IN A SAFE AND SECURE MANNER.
 - FENCES AROUND CONSTRUCTION SUPPLIES OR DEBRIS SHALL BE MAINTAINED.
 - GATES SHALL ALWAYS BE LOCKED UNLESS A WORKER IS IN ATTENDANCE TO PREVENT UNAUTHORIZED ENTRY.
 - 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 PROVIDED WITH WARNING SIGNS TO PREVENT ENTRY.
 - WORKERS SHALL BE REQUIRED TO WEAR PHOTO-IDENTIFICATION BADGES AT ALL TIMES FOR IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES."
- "SEPARATION OF CONSTRUCTION AREAS FROM OCCUPIED 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.
 - A SPECIFIC STAIRWELL AND/OR ELEVATOR SHALL BE ASSIGNED OR 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.
 - 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.
 - ALL OCCUPIED PARTS OF THE BUILDING AFFECTED BY RENOVATION ACTIVITY SHALL BE CLEANED AT THE CLOSE OF EACH WORKDAY. SCHOOL BUILDINGS OCCUPIED DURING CONSTRUCTION PROJECT SHALL MAINTAIN REQUIRED HEALTH, SAFETY AND EDUCATIONAL CAPABILITIES AT ALL TIMES THAT CLASSES ARE IN SESSION."
- A PLAN DETAILING HOW EXTING REQUIRED BY THE APPLICABLE BUILDING CODE WILL BE MAINTAINED.
- 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 EXTING, OVERHEAD PROTECTION AND EGRESS IN ACCORDANCE WITH APPLICABLE BUILDING CODES.
- A PLAN DETAILING HOW ADEQUATE VENTILATION WILL BE MAINTAINED DURING CONSTRUCTION.
- 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 CONTAMINANTS 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 MANUFACTURER'S RECOMMENDATIONS BEFORE A SPACE CAN BE OCCUPIED."
- "LARGE AND SMALL ASBESTOS ABATEMENT PROJECTS AS DEFINED BY 12NYCRR66 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.
- 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 INTERRUPTED BY NOISE OR VISUAL DISTRACTION.
- MINOR ASBESTOS PROJECTS DEFINED BY 12NYCRR66 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 12NYCRR66.

SPECIFIC AREAS HAVE BEEN TESTED AND FOUND TO CONTAIN LEAD AS DESCRIBED IN THE PROJECT MANUAL. THESE AREAS WILL BE ABATED IN ACCORDANCE WITH SPECIFICATION SECTION 020600.
- ALL CONTRACTORS SHALL TAKE EVERY PRECAUTION TO ENSURE THAT 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 APPLIED.
- 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 APPLIED.
- 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.

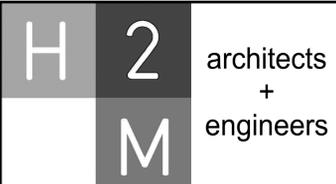
66-22-00-01-0-009-016 - General Notes, Maps, Drawings List and Legend.dwg (last Modified: Nov 02, 2021, 1:23pm) - 1317m by ahrange

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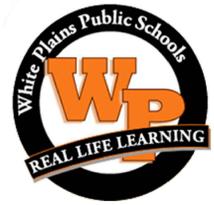
MARK	DATE	DESCRIPTION
1	11-22-21	ADDENDUM #1
-	11-03-21	FINAL BID SET



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FINAL BID DOCUMENT

**GENERAL NOTES, MAPS,
DRAWINGS LIST AND LEGENDS**

DRAWING NO. G000.00

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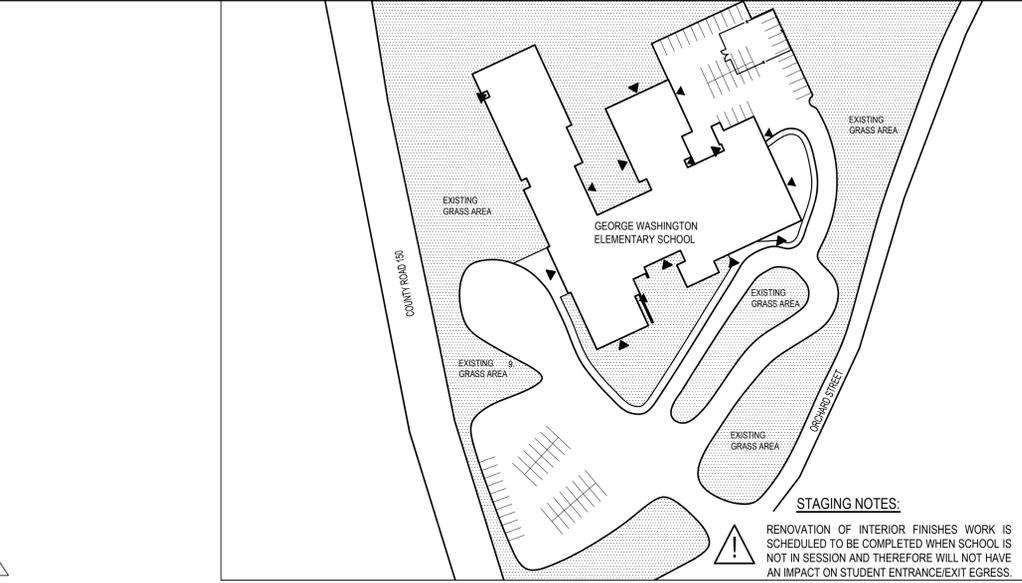
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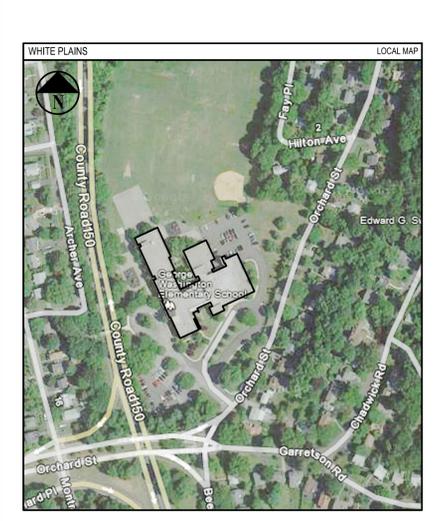
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 - P 101.00 SECOND FLOOR KEY PLAN
 - P 200.00 PLUMBING DEMOLITION ENLARGEMENT PLANS
 - P 201.00 PLUMBING PROPOSED ENLARGEMENT PLANS
 - P 202.00 PLUMBING SANITARY AND VENT PROPOSED ENLARGEMENT PLANS
- ELECTRICAL DRAWINGS (CONTRACT E)**
- E 001.00 GENERAL NOTES AND LEGENDS
 - ED 101.00 DEMOLITION PLAN PARTIAL FIRST FLOOR
 - ED 102.00 DEMOLITION PLAN PARTIAL SECOND FLOOR
 - E 100.00 ELECTRICAL PLAN PARTIAL FIRST FLOOR
 - E 102.00 ELECTRICAL PLAN PARTIAL SECOND FLOOR
 - E 500.00 ELECTRICAL DETAILS



- STAGING NOTES:**
- RENOVATION OF INTERIOR FINISHES WORK IS SCHEDULED TO BE COMPLETED WHEN SCHOOL IS NOT IN SESSION AND THEREFORE WILL NOT HAVE AN IMPACT ON STUDENT ENTRANCE/EXIT EGRESS.
 - 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.
 - CONTRACTOR SHALL RESTORE ALL STAGING AREAS TO PRE-CONSTRUCTION CONDITION, UPON COMPLETION OF WORK IN THAT AREA.

LOCATION MAPS



SYMBOLS LEGEND

	GYMNASIUM	ROOM DESIGNATION		GYPSUM
	SECTION MARK		CONCRETE	
	DETAIL SYMBOL		AGGREGATE SUB-BASE	
	ELEVATION KEY		EARTH	
	INTERIOR ELEVATION REFERENCE		BATT INSULATION	
	ELEVATION LINE		PLYWOOD	
	REVISION		RIGID INSULATION	
	PARTITION TYPE		STEEL	
			WOOD	
			WOOD BLOCKING	

UNIFORM SAFETY STANDARDS - FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS

- "THE OCCUPIED PORTION OF ANY SCHOOL BUILDING SHALL ALWAYS COMPLY WITH THE MINIMUM REQUIREMENTS NECESSARY TO MAINTAIN A CERTIFICATE OF OCCUPANCY."
- SPECIFIC AREAS HAVE BEEN TESTED AND FOUND TO CONTAIN ASBESTOS AS DESCRIBED IN THE PROJECT MANUAL. THESE AREAS WILL BE ABATED IN ACCORDANCE WITH SPECIFICATION SECTION 020620. A COPY OF THE REPORT CAN BE VIEWED AT THE DISTRICT OFFICE LOCATED AT 5 HOMESIDE LANE, WHITE PLAINS, NY 10605.
- "GENERAL SAFETY AND SECURITY STANDARDS FOR CONSTRUCTION PROJECTS:
 - ALL CONSTRUCTION MATERIALS SHALL BE STORED IN A SAFE AND SECURE MANNER.
 - FENCES AROUND CONSTRUCTION SUPPLIES OR DEBRIS SHALL BE MAINTAINED.
 - GATES SHALL ALWAYS BE LOCKED UNLESS A WORKER IS IN ATTENDANCE TO PREVENT UNAUTHORIZED ENTRY.
 - 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 PROVIDED WITH WARNING SIGNS TO PREVENT ENTRY.
 - WORKERS SHALL BE REQUIRED TO WEAR PHOTO-IDENTIFICATION BADGES AT ALL TIMES FOR IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES."
- "SEPARATION OF CONSTRUCTION AREAS FROM OCCUPIED 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 CONTAMINANT BARRIERS MUST BE MADE TO PREVENT EXPOSURE TO DUST OR CONTAMINANTS. GYPSUM BOARD MUST BE USED IN EXITWAYS 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.
 - A SPECIFIC STAIRWELL AND/OR ELEVATOR SHALL BE ASSIGNED OR 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.
 - 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.
 - ALL OCCUPIED PARTS OF THE BUILDING AFFECTED BY RENOVATION ACTIVITY SHALL BE CLEANED AT THE CLOSE OF EACH WORKDAY. SCHOOL BUILDINGS OCCUPIED DURING CONSTRUCTION PROJECT SHALL MAINTAIN REQUIRED HEALTH, SAFETY AND EDUCATIONAL CAPABILITIES AT ALL TIMES THAT CLASSES ARE IN SESSION."
- A PLAN DETAILING HOW EXITING REQUIRED BY THE APPLICABLE BUILDING CODE WILL BE MAINTAINED.
- 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.
 - A PLAN DETAILING HOW ADEQUATE VENTILATION WILL BE MAINTAINED DURING CONSTRUCTION.
 - 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 BE OCCUPIED."
- "LARGE AND SMALL ASBESTOS ABATEMENT PROJECTS AS DEFINED BY 12NYCRR66 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.
- 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 INTERRUPTED BY NOISE OR VISUAL DISTRACTION.
- MINOR ASBESTOS PROJECTS DEFINED BY 12NYCRR66 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 12NYCRR66.

SPECIFIC AREAS HAVE BEEN TESTED AND FOUND TO CONTAIN LEAD AS DESCRIBED IN THE PROJECT MANUAL. THESE AREAS WILL BE ABATED IN ACCORDANCE WITH SPECIFICATION SECTION 020600.
- ALL CONTRACTORS SHALL TAKE EVERY PRECAUTION 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 COURSE 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.
- 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 APPLIED.

X:\wpd\white plains\white plains school district - 10604\wpd\2007 - george washington\102-hm-cad\CD-000\general\G000.00 - General Notes, Maps, Drawings List and Legend.rvt (last Modified: Nov 24, 2021 - 2:32pm) (by) kbragge

CONSULTANTS:

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



DESIGNED BY: CWP	DRAWN BY: MKS	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE:	AS SHOWN

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604
66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
EXISTING FIRST FLOOR PLAN

DRAWING No.
G100.00

NOTE:
EXISTING SMOKE DETECTORS TO REMAIN (TYP. FOR ALL).

LEGEND

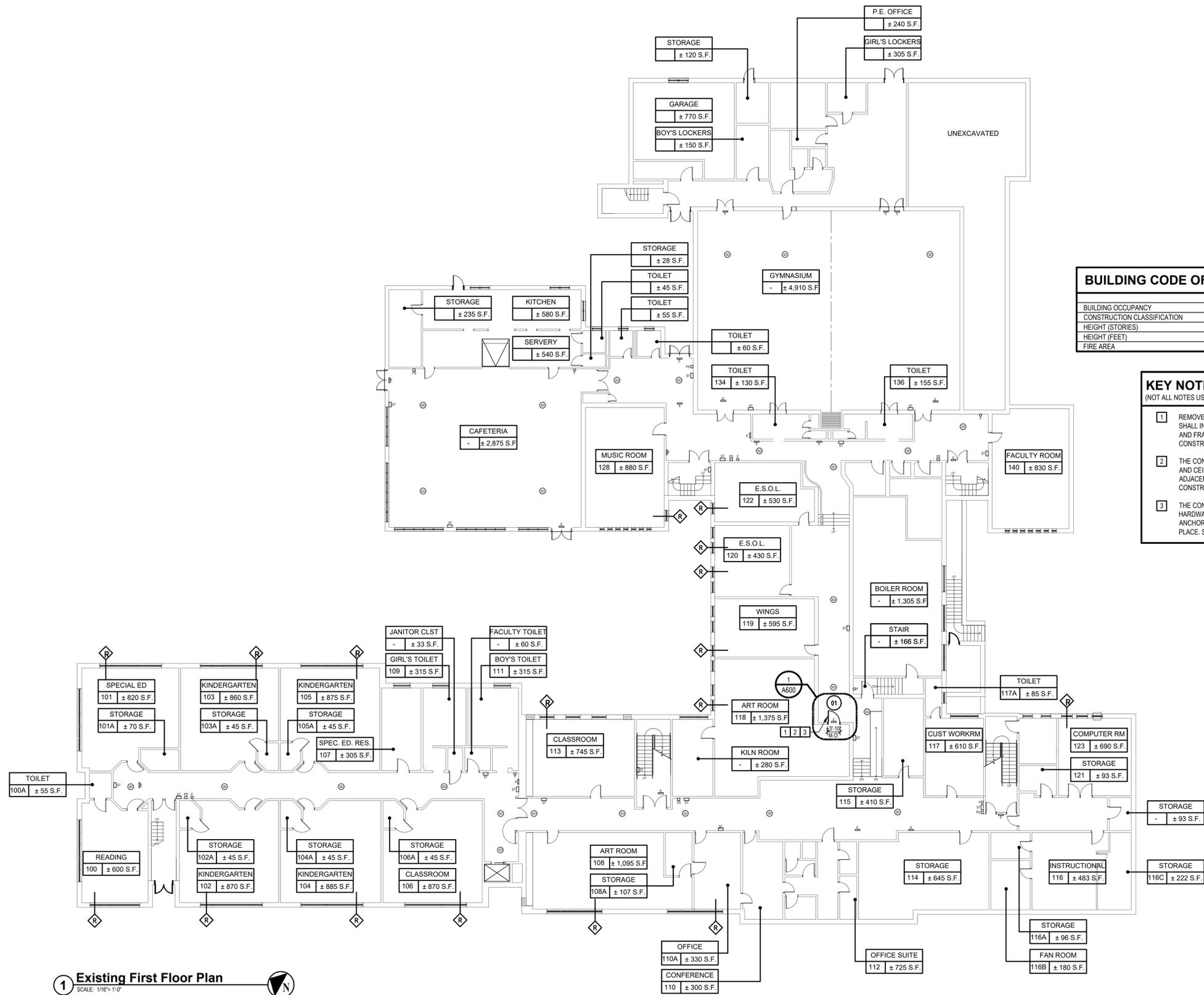
ROOM	ROOM NUMBER	DESIGNATION TAG
000	± S.F.	

- OF EXISTING FIRE EXTINGUISHER
- EXISTING EXIT SIGN
- EXISTING PULL STATION
- EXISTING FIRE ALARM STROBE
- EXISTING SMOKE DETECTOR
- RESCUE WINDOW

BUILDING CODE OF NEW YORK STATE (NYS CODE TABLE 903)

BUILDING OCCUPANCY	ALLOWED	PROPOSED/EXISTING
CONSTRUCTION CLASSIFICATION	-	EDUCATIONAL GROUP E
HEIGHT (STORIES)	3 STORIES	3 STORIES
HEIGHT (FEET)	55 FEET	54 FEET
FIRE AREA	N/A	N/A

- KEY NOTES:**
(NOT ALL NOTES USED ON EACH PLAN)
- REMOVE AND DISPOSE OF EXISTING DOOR, FRAME, AND HARDWARE. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO ALL DEVICES USED TO SECURE DOOR AND FRAME IN PLACE. PREPARE EXISTING OPENING TO RECEIVE NEW CONSTRUCTION.
 - THE CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORING AND CEILING DAMAGED DUE TO DEMOLITION IN AREA OF WORK TO MATCH ADJACENT FINISHES AND PREPARE OPENING FOR NEW DOOR AND FRAME CONSTRUCTION.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW DOOR, FRAME, AND HARDWARE, INCLUDING BUT NOT LIMITED TO FRAME, CLOSER, HARDWARE, WALL ANCHORS, AND ALL DEVICES USED TO SECURE THE DOORS AND FRAMES IN PLACE. SEE DOOR SCHEDULE AND DETAILS ON SHEET A600.00.



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

X:\wpd\white plains center school district - 10501\wpd\2007 - george washington toilet room renovations\100-00-00-01-009-016.dwg (11/03/2021 11:13:13 AM) B:\bridge

CONSULTANTS:

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



DESIGNED BY: CWP | DRAWN BY: MKS | CHECKED BY: | REVIEWED BY: |
PROJECT NO.: WPSD 2007 | DATE: NOVEMBER 2021 | SCALE: AS SHOWN

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School

100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT **G**
GENERAL CONSTRUCTION

STATUS **FINAL BID DOCUMENT**

SHEET TITLE **EXISTING THIRD FLOOR PLAN**

DRAWING No. **G102.00**

NOTE:
EXISTING SMOKE DETECTORS TO REMAIN (TYP. FOR ALL).

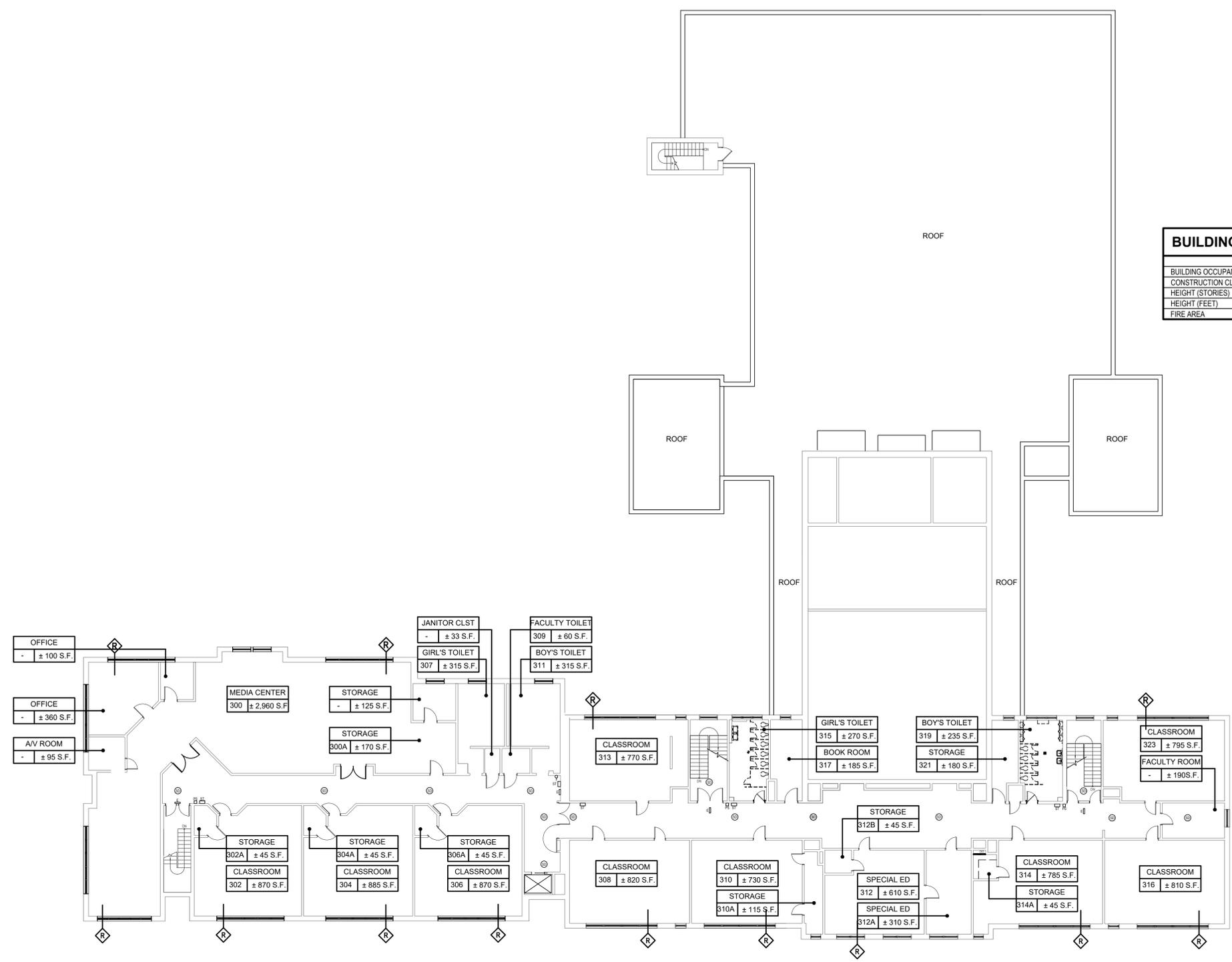
LEGEND

ROOM	ROOM NUMBER	DESIGNATION TAG
000	± S.F.	

- OF EXISTING FIRE EXTINGUISHER
- EXISTING EXIT SIGN
- EXISTING PULL STATION
- EXISTING FIRE ALARM STROBE
- EXISTING SMOKE DETECTOR
- RESCUE WINDOW

BUILDING CODE OF NEW YORK STATE (NYS CODE TABLE 503)

	ALLOWED	PROPOSED/EXISTING
BUILDING OCCUPANCY	-	EDUCATIONAL GROUP E
CONSTRUCTION CLASSIFICATION	-	IIB
HEIGHT (STORIES)	3 STORIES	3 STORIES
HEIGHT (FEET)	55 FEET	54 FEET
FIRE AREA	N/A	N/A



1 Existing Third Floor Plan
SCALE: 1/16" = 1'-0"

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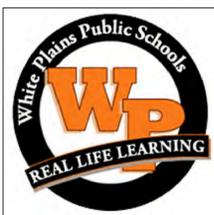
MARK	DATE	DESCRIPTION
-	11-03-21	FINAL BID SET



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PROJECT NO.:	DATE:	SCALE:	
WPSD 2007	NOVEMBER 2021	AS SHOWN	

CLIENT
White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**ENLARGED DEMOLITION
BATHROOM PLANS**

DRAWING No.
AD 100.00

GENERAL DEMOLITION NOTES:

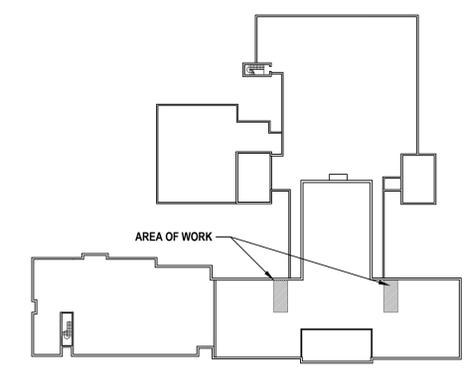
- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
- CONTRACTORS ACCESS SHALL BE AS CALLED OUT ON SHEET G0.0. THE CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXISTING FINISHES SCHEDULED TO REMAIN ALONG THE ACCESS ROUTE AND ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.

TOILET ROOM DEMOLITION KEY NOTES:
(NOT ALL NOTES USED ON EACH PLAN)

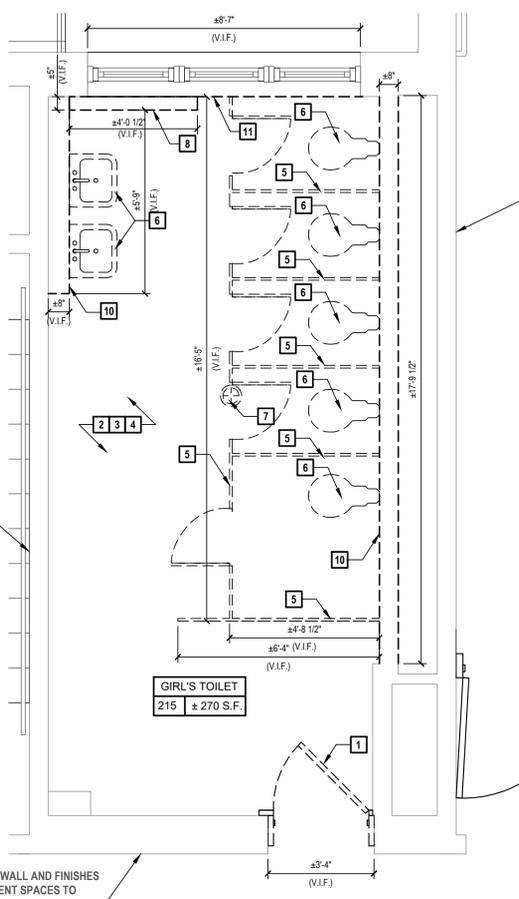
- REMOVE AND DISPOSE OF EXISTING DOOR, FRAME, HARDWARE, TRIM AND SADDLE. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO ALL DEVICES USED TO SECURE DOOR AND FRAME IN PLACE. PREPARE EXISTING OPENING TO RECEIVE NEW CONSTRUCTION.
- EXISTING WALL FINISHES SHALL REMAIN IN PLACE U.N.O. PATCH AND PREPARE EXISTING SURFACES FOR NEW CONSTRUCTION AND FINISHES. LAMINATE OR FUR OUT OVER EXISTING SURFACE. REFER TO PLANS AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- EXISTING FLOORING SHALL REMAIN IN PLACE U.N.O. EXISTING WALL BASE SHALL BE REMOVED AND DISPOSED OF. PATCH AND PREPARE EXISTING SURFACES FOR NEW CONSTRUCTION AND FINISHES.
- REMOVE AND DISPOSE OF ALL EXISTING TOILET ACCESSORIES. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO MIRRORS, SOAP DISPENSERS, SANITARY NAPKIN DISPOSAL, WALL MOUNTED AIR FRESHER AND HAND DRYERS.
- REMOVE AND DISPOSE OF EXISTING TOILET PARTITIONS. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO TOILET PARTITIONS, BRACING, BRACKETS AND ALL DEVICES USED TO SECURE PARTITIONS IN PLACE.
- EXISTING PLUMBING FIXTURES ARE SCHEDULED FOR REMOVAL AND REPLACEMENT, SEE 'P' DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING FLOOR DRAIN TO BE REMOVED AND REPLACED, SEE 'P' DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING RADIATOR SCHEDULED TO BE REMOVED AND REPLACED, SEE 'H' DRAWINGS FOR ADDITIONAL INFORMATION.
- SAW CUT, REMOVE AND DISPOSE OF EXISTING MASONRY WALL CONSTRUCTION AS REQUIRED FOR REMOVAL OF EXISTING PLUMBING FIXTURES AND INSTALLATION OF NEW PLUMBING FIXTURES. THE CONTRACTOR SHALL TEMPORARILY SUPPORT MASONRY OPENING AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE ABATEMENT DRAWINGS FOR SCOPE OF ABATEMENT REMOVAL.
- SAW CUT, REMOVE, AND DISPOSE OF EXISTING WALL CONSTRUCTION IN ITS ENTIRETY (LEAD ABATEMENT FOR ALL WALLS BEING DEMOLISHED / DISTURBED). EXISTING FLOOR, WALL AND CEILING STRUCTURAL FRAMING AND DECK TO RECEIVE NEW CONSTRUCTION AS SCHEDULED. PATCH EXISTING FLOOR, WALL AND CEILING IN AREAS WHERE WALLS ARE REMOVED WITH MATERIALS AND FINISHED TO MATCH EXISTING ADJACENT CONSTRUCTION. SEE ENVIRONMENTAL REPORT AND ABATEMENT DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE AND DISPOSE OF EXISTING WOOD WINDOW STOOL AND APRON.

LEGEND

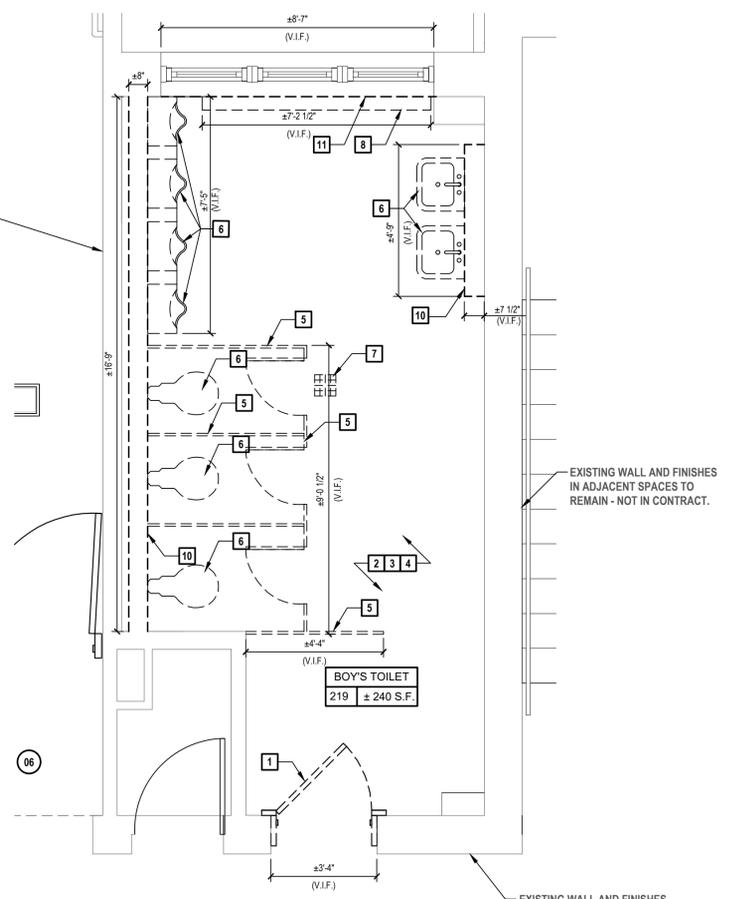
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	CEILING HEIGHT TAG		EXISTING WALL TO REMAIN
	STOREFRONT DOOR TO BE REMOVED		EXISTING WINDOW TO REMAIN
	EXISTING DOOR TO REMAIN		



Key Plan
SCALE: N.T.S.



1 Girl's Toilet 215 Enlarged Demolition Plan
SCALE: 3/8"=1'-0"



2 Boy's Toilet 219 Enlarged Demolition Floor Plan
SCALE: 3/8"=1'-0"

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CONSULTANTS:

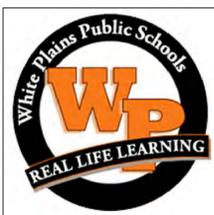
MARK	DATE	DESCRIPTION
	11-03-21	FINAL BID SET



DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PROJECT NO.:	DATE:	SCALE:	
WPSPD 2007	NOVEMBER 2021	AS SHOWN	

CLIENT: **White Plains City School District**

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT: **CONTRACT G
GENERAL CONSTRUCTION**

STATUS: **FINAL BID DOCUMENT**

SHEET TITLE: **ENLARGED DEMOLITION BATHROOM PLANS**

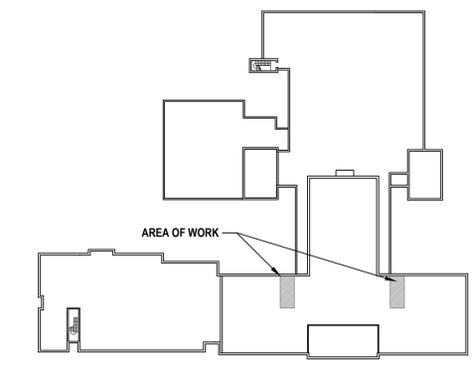
DRAWING No.: **AD 101.00**

- GENERAL DEMOLITION NOTES:**
- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
 - CONTRACTORS ACCESS SHALL BE AS CALLED OUT ON SHEET G0.0. THE CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXISTING FINISHES SCHEDULED TO REMAIN ALONG THE ACCESS ROUTE AND ADJOINING SURFACES OUTSIDE THE CONTRACT AREA OR SCOPE OF WORK FROM DAMAGE DURING THE PROJECT DURATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE EXISTING CONDITIONS AND/OR FINISHES DAMAGED DURING CONSTRUCTION INCLUDING PATCHING AND PAINTING AS REQUIRED AND DEEMED NECESSARY BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS AND UNWANTED MATERIAL OFF SITE IN ACCORDANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.

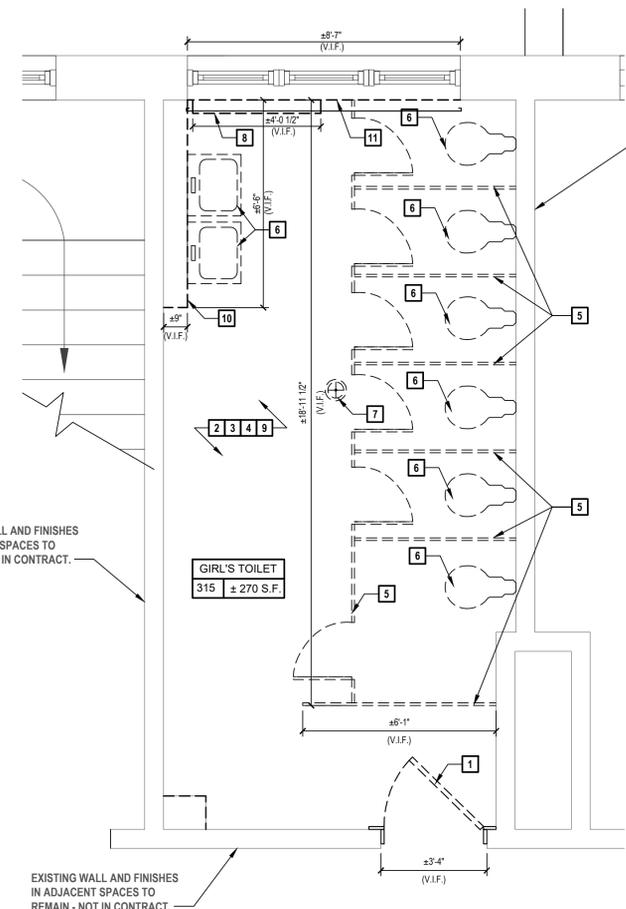
- TOILET ROOM DEMOLITION KEY NOTES:**
(NOT ALL NOTES USED ON EACH PLAN)
- REMOVE AND DISPOSE OF EXISTING DOOR, FRAME, HARDWARE, TRIM AND SADDLE. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO ALL DEVICES USED TO SECURE DOOR AND FRAME IN PLACE. PREPARE EXISTING OPENING TO RECEIVE NEW CONSTRUCTION.
 - EXISTING WALL FINISHES SHALL REMAIN IN PLACE U.N.O. PATCH AND PREPARE EXISTING SURFACES FOR NEW CONSTRUCTION AND FINISHES. LAMINATE OR FUR OUT OVER EXISTING SURFACE, REFER TO PLANS AND FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
 - EXISTING FLOORING SHALL REMAIN IN PLACE U.N.O. EXISTING WALL BASE SHALL BE REMOVED AND DISPOSED OF. PATCH AND PREPARE EXISTING SURFACES FOR NEW CONSTRUCTION AND FINISHES.
 - REMOVE AND DISPOSE OF ALL EXISTING TOILET ACCESSORIES. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO MIRRORS, SOAP DISPENSERS, SANITARY NAPKIN DISPOSAL, WALL MOUNTED AIR FRESHER AND HAND DRYERS.
 - REMOVE AND DISPOSE OF EXISTING TOILET PARTITIONS. REMOVAL SHALL INCLUDE BUT NOT BE LIMITED TO TOILET PARTITIONS, BRACING, BRACKETS AND ALL DEVICES USED TO SECURE PARTITIONS IN PLACE.
 - EXISTING PLUMBING FIXTURES ARE SCHEDULED FOR REMOVAL AND REPLACEMENT, SEE 'P' DRAWINGS FOR ADDITIONAL INFORMATION.
 - EXISTING FLOOR DRAIN TO BE REMOVED AND REPLACED, SEE 'P' DRAWINGS FOR ADDITIONAL INFORMATION.
 - EXISTING RADIATOR SCHEDULED TO BE REMOVED AND REPLACED, SEE 'H' DRAWINGS FOR ADDITIONAL INFORMATION.
 - SAW CUT, REMOVE AND DISPOSE OF EXISTING MASONRY WALL CONSTRUCTION AS REQUIRED FOR REMOVAL OF EXISTING PLUMBING FIXTURES AND INSTALLATION OF NEW PLUMBING FIXTURES. THE CONTRACTOR SHALL TEMPORARILY SUPPORT MASONRY OPENING AS REQUIRED FOR INSTALLATION OF NEW WORK. SEE ABATEMENT DRAWINGS FOR SCOPE OF ABATEMENT REMOVAL.
 - SAW CUT, REMOVE, AND DISPOSE OF EXISTING WALL CONSTRUCTION IN ITS ENTIRETY. PREPARE EXISTING FLOOR, WALL AND CEILING STRUCTURAL FRAMING AND DECK TO RECEIVE NEW CONSTRUCTION AS SCHEDULED. PATCH EXISTING FLOOR, WALL AND CEILING IN AREAS WHERE WALLS ARE REMOVED WITH MATERIALS AND FINISHED TO MATCH EXISTING ADJACENT CONSTRUCTION. SEE ABATEMENT DRAWINGS FOR WHICH PLASTER CEILING MUST BE REMOVED UNDER ABATEMENT.
 - REMOVE AND DISPOSE OF EXISTING WOOD WINDOW STOOL AND APRON.

LEGEND

	EXISTING WALL, PARTITION, FIXTURE OR ACCESSORY TO BE REMOVED
	EXISTING WALL TO REMAIN
	EXISTING WINDOW TO REMAIN
	STOREFRONT DOOR TO BE REMOVED
	EXISTING DOOR TO REMAIN
	CEILING HEIGHT TAG
	ROOM DESIGNATION TAG



Key Plan
SCALE: N.T.S.

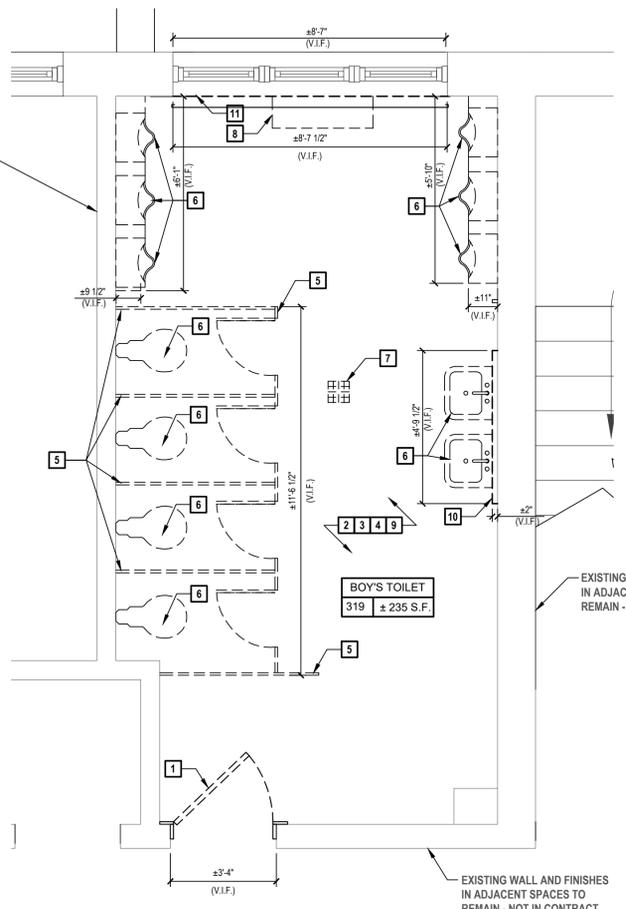


3 Enlarged Demolition 315 Girl's Toilet
SCALE: 3/8"=1'-0"

EXISTING WALL AND FINISHES IN ADJACENT SPACES TO REMAIN - NOT IN CONTRACT.

EXISTING WALL AND FINISHES IN ADJACENT SPACES TO REMAIN - NOT IN CONTRACT.

EXISTING WALL AND FINISHES IN ADJACENT SPACES TO REMAIN - NOT IN CONTRACT.



4 Enlarged Demolition 321 Boy's Toilet
SCALE: 3/8"=1'-0"

EXISTING WALL AND FINISHES IN ADJACENT SPACES TO REMAIN - NOT IN CONTRACT.

EXISTING WALL AND FINISHES IN ADJACENT SPACES TO REMAIN - NOT IN CONTRACT.

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2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

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



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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PROJECT NO.:	DATE:	SCALE:	
WPSD 2007	NOVEMBER 2021	AS SHOWN	

CLIENT

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School

100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
WALL PARTITION TYPES

DRAWING No.
A 000.00

WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS
1	3 1/8"	2 1/2"	-	-	-	
1A	4 1/4"	3 5/8"	-	-	-	

1 Metal Stud w/ Clip
Interior Partition
H2M Ref #MI-143

2 Cement Board on Existing
Interior Partition
H2M Ref #MI-142

WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS
3	5/8"	-	-	-	-	PROVIDE HAT CHANNELS WHERE REQUIRED

CONSULTANTS:

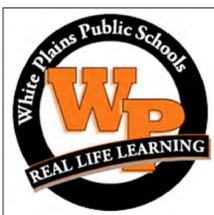
MARK	DATE	DESCRIPTION
-	11-03-21	FINAL BID SET



DESIGNED BY: CWP	DRAWN BY: MKS	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE:	AS SHOWN

CLIENT
White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

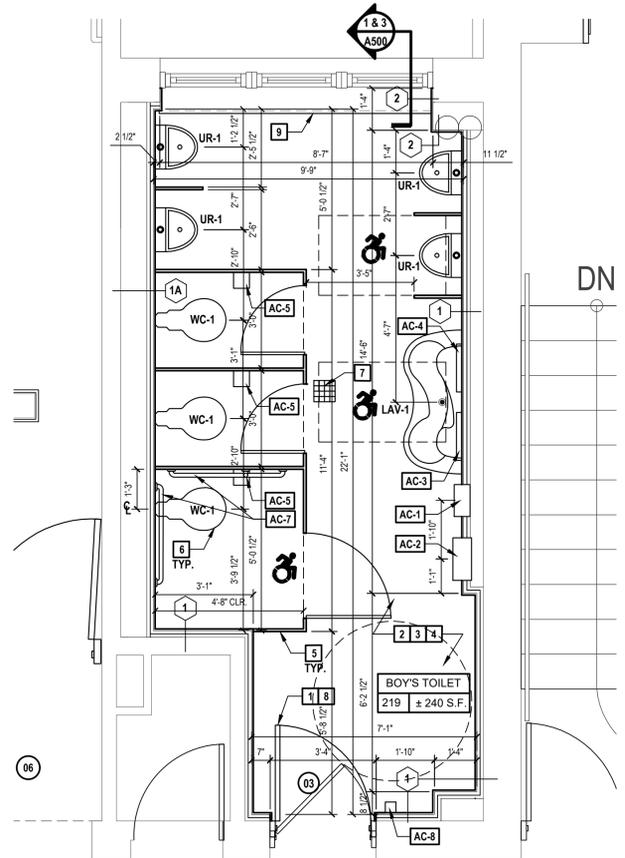
CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

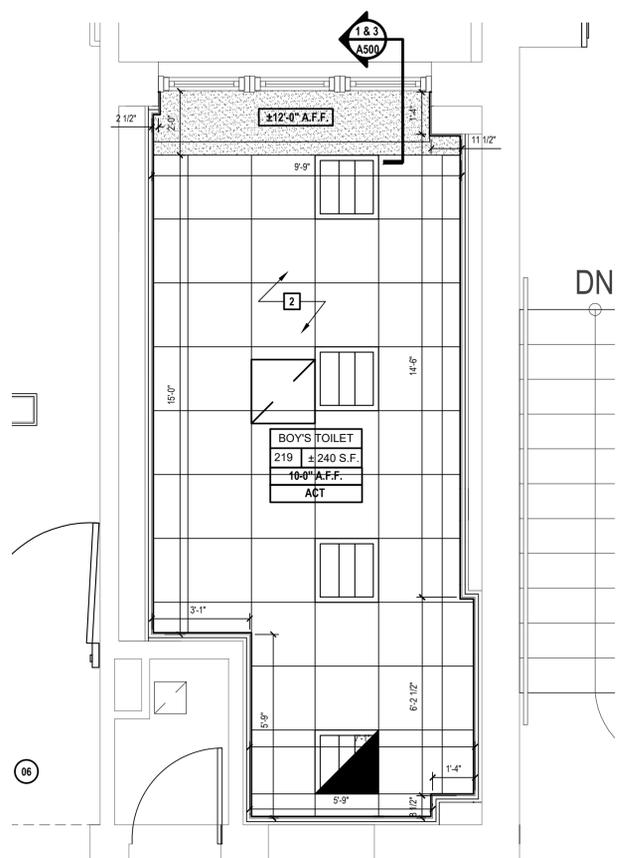
SHEET TITLE
ENLARGED BATHROOM PLANS

DRAWING No.
A 101.00

- NEW TOILET ROOM KEY NOTES:**
(NOT ALL NOTES USED ON EACH PLAN)
- THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW DOOR(S), FRAMES, HARDWARE TRIM AND SADDLE AS INDICATED, INCLUDING BUT NOT LIMITED TO FRAME, CLOSER, HARDWARE, WALL ANCHORS, 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' AND 'E' CONTRACTORS REGARDING INSTALLATION OF CEILING MOUNTED ITEMS.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW CERAMIC 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.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW CERAMIC WALL TILE OVER NEW 5/8" CEMENT BOARD ON NEW 2 1/2" GALV. METAL STUDS PER S/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 A4.2 FOR ADDITIONAL INFORMATION.
 - PLUMBING FIXTURES TO BE PROVIDED AND INSTALLED UNDER CONTRACT 'P'. COORDINATE W/ PLUMBING DRAWINGS.
 - NEW FLOOR DRAIN - COORDINATE WITH 'P' CONTRACT.
 - THE CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORING AND CEILING DAMAGED DUE TO DEMOLITION IN AREA OF WORK TO MATCH ADJACENT FINISHES AND PREPARE OPENING FOR NEW DOOR AND FRAME CONSTRUCTION.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW SOLID SURFACE WINDOW STOOL.
- NOTES:
'G' CONTRACTOR SHALL COORDINATE WITH 'H', 'P' AND 'E' CONTRACTORS REGARDING INSTALLATION OF NEW ITEMS THROUGHOUT SPACE.
'G' CONTRACTOR SHALL PATCH AND PREPARE SLAB/FLOORING AS NECESSARY FOR ALL NEW FIXTURES, EQUIPMENT AND FINISHES.
'G' CONTRACTOR SHALL COORDINATE LAYOUT OF NEW EQUIPMENT AND ACCESSORIES WITH ALL WALL-MOUNTED ITEMS AND FINISHED SURFACES.



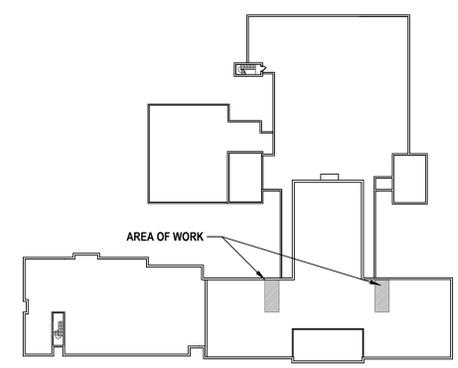
1 Enlarged 219 Boy's Toilet Plan
SCALE: 3/8"=1'-0"



2 Enlarged 219 Boy's Toilet Reflected Ceiling Plan
SCALE: 3/8"=1'-0"

LEGEND

	SECTION / ELEVATION INDICATOR		INDICATES ACCESSORY DESIGNATION TAG
	ROOM DESIGNATION TAG		INDICATES AREA OF 2X2 ACOUSTICAL CEILING TILE SYSTEM
	CEILING HEIGHT TAG		INDICATES AREA OF GYPSUM WALL BOARD (PAINT)
	WALL TYPE - SEE PARTITION SCHEDULE ON SHEET A0.0		LIGHTING FIXTURES, COORDINATE WITH 'E' DRAWINGS
	EXISTING WALL TO REMAIN		EMERGENCY LIGHTING FIXTURES COORDINATE WITH 'E' DRAWINGS
	EXISTING WINDOW TO REMAIN		HVAC REGISTER COORDINATE WITH 'H' DRAWINGS
	NEW DOOR AND FRAME WITH DESIGNATION TAG - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.		



Key Plan
SCALE: N.T.S.

CONSULTANTS:

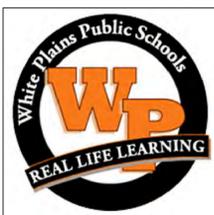
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PROJECT NO.: WPSD 2007 | DATE: NOVEMBER 2021 | SCALE: AS SHOWN

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White Plains City School District

Toilet Room Renovations at
the George Washington
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100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

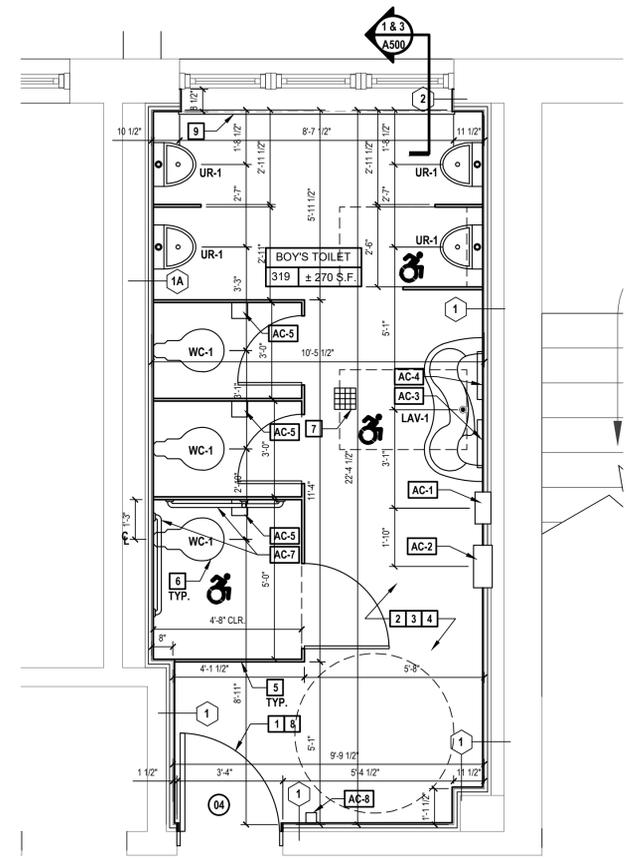
CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

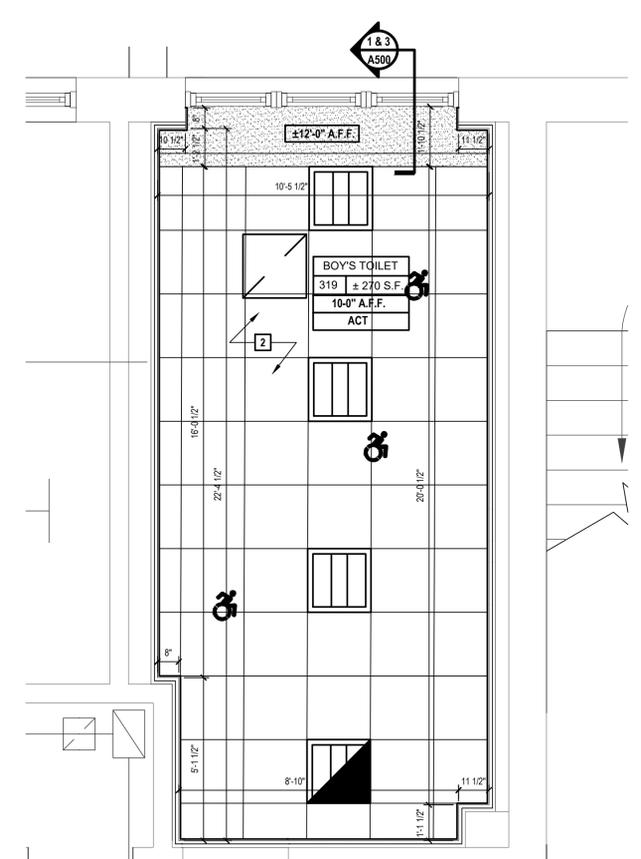
SHEET TITLE
**ENLARGED BATHROOM
PLANS**

DRAWING No.
A 103.00

- NEW TOILET ROOM KEY NOTES:**
(NOT ALL NOTES USED ON EACH PLAN)
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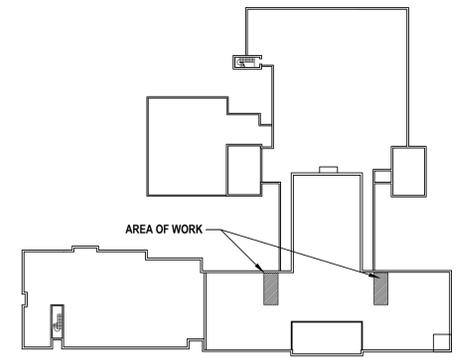
1 Enlarged 219 Boy's Toilet Plan
SCALE: 3/8"=1'-0"



2 Enlarged 219 Boy's Toilet Reflected Ceiling Plan
SCALE: 3/8"=1'-0"

LEGEND

	SECTION / ELEVATION INDICATOR		INDICATES ACCESSORY DESIGNATION TAG
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	NEW DOOR AND FRAME WITH DESIGNATION TAG - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.		



Key Plan
SCALE: N.T.S.

X:\wpd\white plains center school\edict\10591\wpd\2007 - george washington k8\com renovations\103-enl-bath\con\doc\sheet\A_103.00_Enlarged Bathroom Plans.dwg Last Modified: Nov 02, 2021 - 9:56am P:\wpd\con Nov 02, 2021 - 1:32pm B:\dwg

DOOR SCHEDULE

DOOR NO.	LOCATION	DOOR OPENING SIZE	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	DETAILS			FIRE RATING	HARDWARE SET	REMARKS
						HEAD	JAMB	SADDLE			
FIRST FLOOR											
01	ART ROOM	3'-6" X 7'-0"	C	WD	HM	2H / A600.00	2J / A600.00	-	45 MIN.	03	
SECOND FLOOR											
02	GIRLS BATHROOM 215	3'-0" X 7'-0"	A	WD	HM	1H / A600.00	1J / A600.00	S1 / A600.00	45 MIN.	01	
03	BOYS BATHROOM 219	3'-0" X 7'-0"	A	WD	HM	1H / A600.00	1J / A600.00	S1 / A600.00	45 MIN.	01	
04	CORRIDOR	(2) 2'-10" X 7'-0"	B	WD	HM	2H / A600.00	2J / A600.00	-	45 MIN.	02	CENTER DOOR IN OPENING. CONTRACTOR SHALL PROVIDE MAGNETIC HOLD OPENS AND ALL ELECTRICAL REQUIRED AS NECESSARY TO BE PROVIDED AND TIED INTO EXISTING DISTRICT ALARM SYSTEM
05	CORRIDOR	(2) 3'-9" X 7'-0"	B	WD	HM	2H / A600.00	2J / A600.00	-	45 MIN.	02	CENTER DOOR IN OPENING. CONTRACTOR SHALL PROVIDE MAGNETIC HOLD OPENS AND ALL ELECTRICAL REQUIRED AS NECESSARY TO BE PROVIDED AND TIED INTO EXISTING DISTRICT ALARM SYSTEM
06	CORRIDOR	(2) 3'-9" X 7'-0"	B	WD	HM	2H / A600.00	2J / A600.00	-	45 MIN.	02	CENTER DOOR IN OPENING. CONTRACTOR SHALL PROVIDE MAGNETIC HOLD OPENS AND ALL ELECTRICAL REQUIRED AS NECESSARY TO BE PROVIDED AND TIED INTO EXISTING DISTRICT ALARM SYSTEM
THIRD FLOOR											
07	GIRLS BATHROOM 315	3'-0" X 7'-0"	A	WD	HM	1A / A600.00	1B / A600.00	S1 / A600.00	45 MIN.	01	
08	BOYS BATHROOM 319	3'-0" X 7'-0"	A	WD	HM	1A / A600.00	1B / A600.00	S1 / A600.00	45 MIN.	01	

GENERAL DOOR NOTES:

- THE CONTRACTOR IS RESPONSIBLE TO REPLACE ALL DOOR FRAMES AND DOORS AS NOTED ON THE DOOR SCHEDULE. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DOOR FRAME SIZES ADJACENT WALL CONSTRUCTION AND ALL DOOR SIZES PRIOR TO THE SUBMISSION OF SHOP DRAWINGS. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES PRIOR TO THE SUBMISSION OF SHOP DRAWINGS.
- ALL INTERIOR DOORS SHALL HAVE A 1/2" UNDERCUT. UNDERCUT SHALL BE MEASURED FROM TOP OF SADDLE.

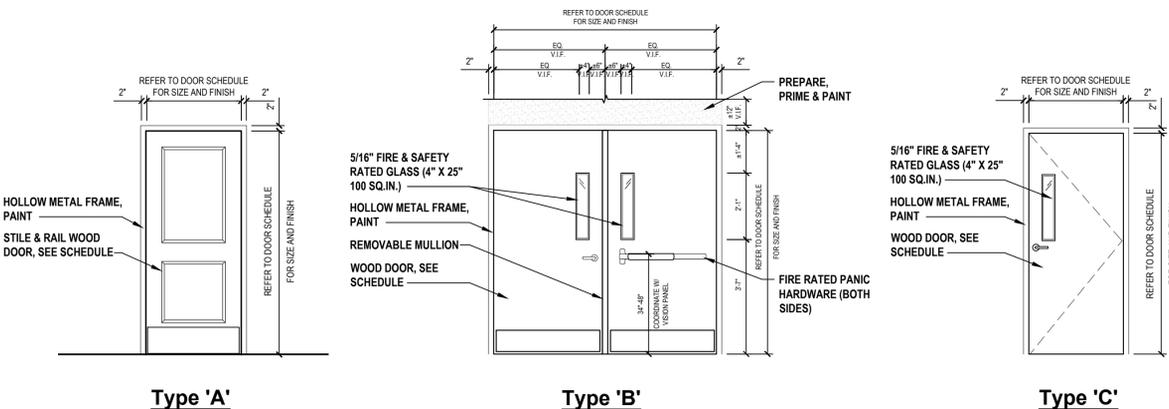
FIRE DOOR CLASSIFIED OPENINGS	
RATING	GLASS SIZE PERMITTED
3 Hrs.	NONE
1[1/2] Hrs.	100 sq.in. / DOOR LEAF
[3/4] Hr.	1296 sq.in. / DOOR LEAF
1[1/2] Hrs.	NONE
[3/4] Hr.	1296 sq.in.

FINISH SCHEDULE

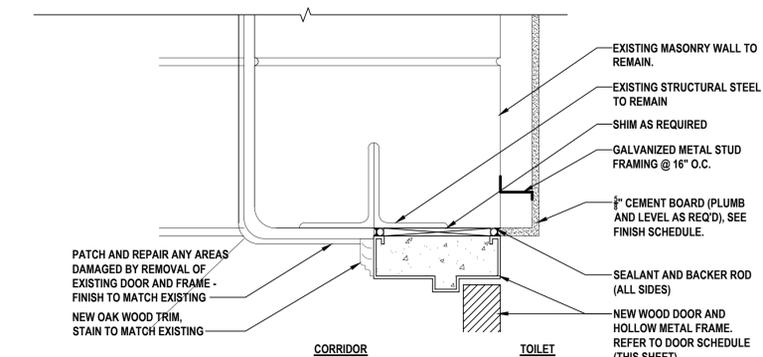
ROOM NAME / NO.	FLOOR FINISH	BASE	NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING			REMARKS	
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT		
SECOND FLOOR															
215	GIRLS BATHROOM	PC	PC	CB	CT / PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
219	BOYS BATHROOM	PC	PC	CB	CT / PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
THIRD FLOOR															
215	GIRLS BATHROOM	PC	PC	CB	CT / PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						
219	BOYS BATHROOM	PC	PC	CB	CT / PC / PT	ACT / GYP	PT	10'-0"	SOFFIT - PREPARE, PRIME & PAINT						

FINISH ABBREVIATIONS:

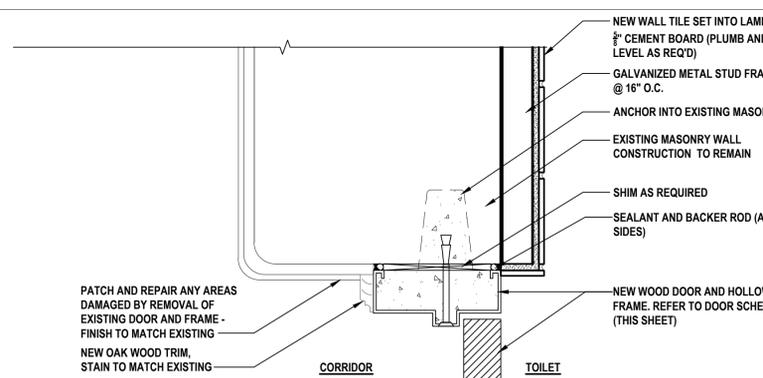
ACT = ACOUSTICAL CEILING TILE	GYP = GYPSUM BOARD
BR = BRICK	MR = MOISTURE RESISTANT GYPSUM BOARD
CB = CEMENT BACKER BOARD	PC = PORCELAIN TILE
CMU = CONCRETE MASONRY UNIT	PLAS = VENEER PLASTER FINISH
CONC = CONCRETE	PT = PAINT
CT = CERAMIC TILE	TERR = TERRAZZO
(E) = EXISTING	WD = WOOD



1 Door Types
SCALE: N.T.S.

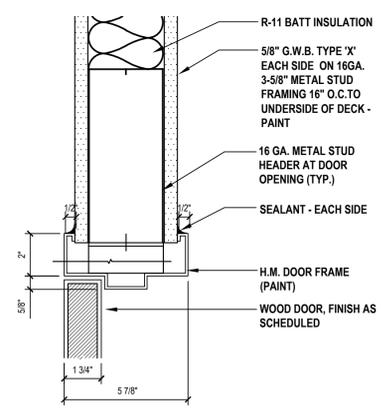


1A Head Detail
SCALE: 3/4" = 1'-0"

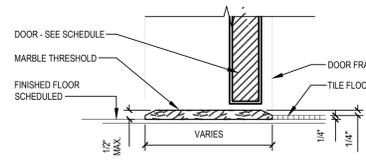


1J Jamb Detail
SCALE: 3/4" = 1'-0"

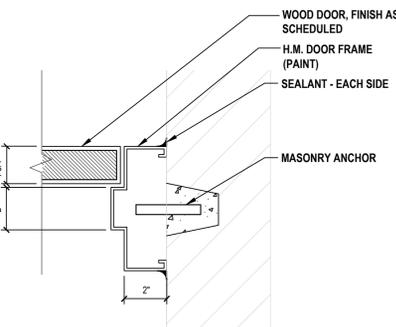
NOTE: BRICK MASONRY VENEER BELOW PLASTER. PATCH, REPAIR AND REPLACE IN KIND AS NECESSARY TO ACCOMMODATE NEW DOOR.



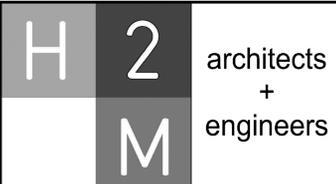
2H Head Detail
SCALE: 3/4" = 1'-0"



S1 Saddle Detail
SCALE: 3/4" = 1'-0"



2J Jamb Detail
SCALE: 3/4" = 1'-0"



2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

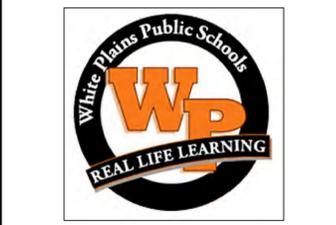
MARK	DATE	DESCRIPTION
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DESIGNED BY: CWP	DRAWN BY: MKS	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE:	AS SHOWN

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604
66-22-00-01-0-009-016

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

SHEET TITLE
DOOR SCHEDULE, DETAILS & FINISH SCHEDULE

DRAWING No.
A 600.00

X:\wpd\white plains center school edit\10591\wpd\2007 - george washington toilet room renovations\102-hm-cad\con-schedule.dwg Last Modified: Nov 02, 2021 - 11:02am By: bkg

CONSULTANTS:

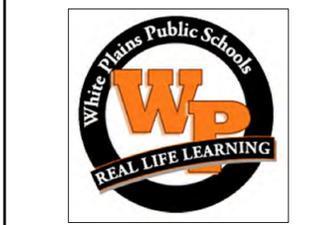
MARK	DATE	DESCRIPTION
	11-03-21	FINAL BID SET



DESIGNED BY: JSK	DRAWN BY: JSK	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

CLIENT
White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



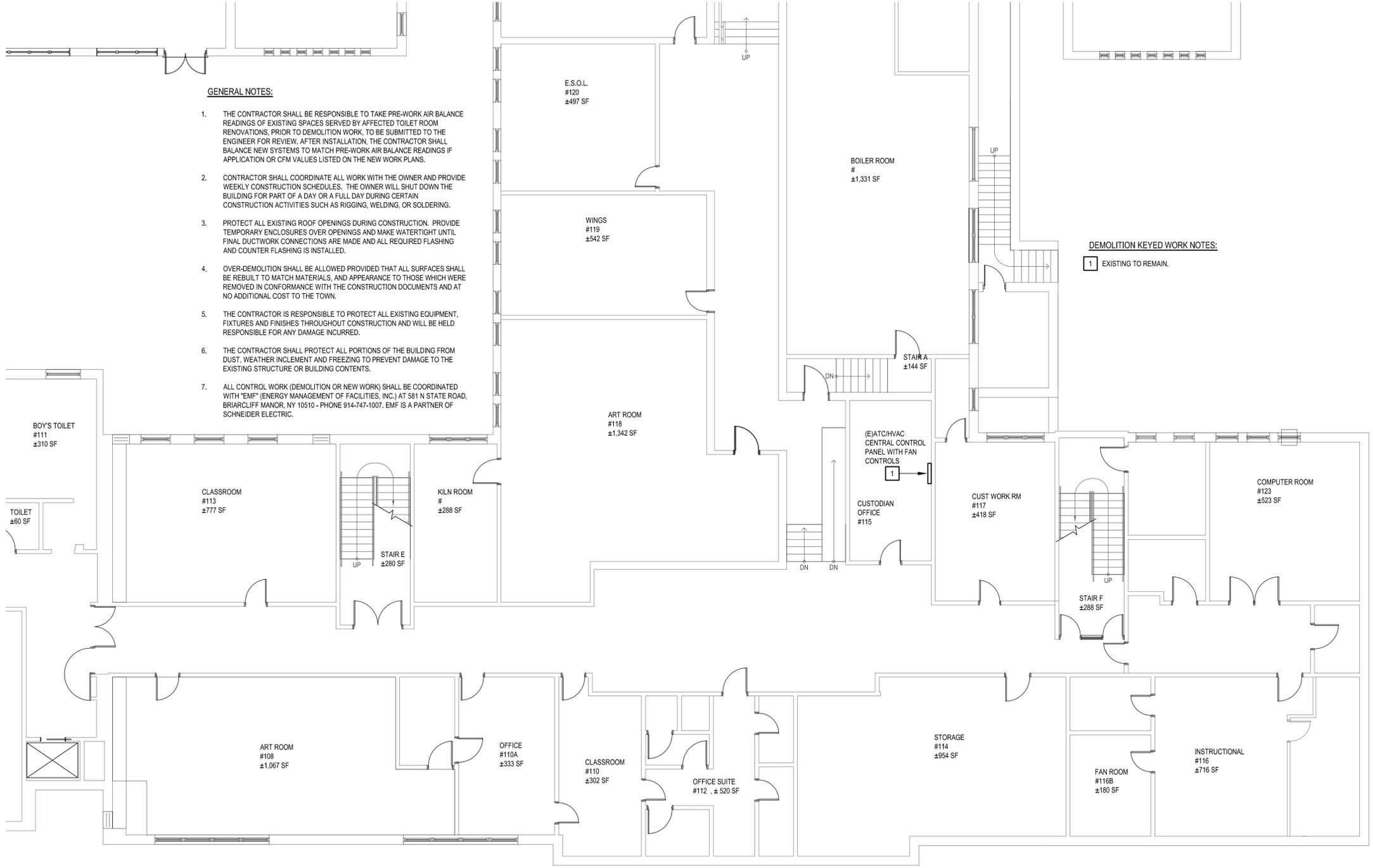
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66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL
DEMOLITION PLAN
FIRST FLOOR**

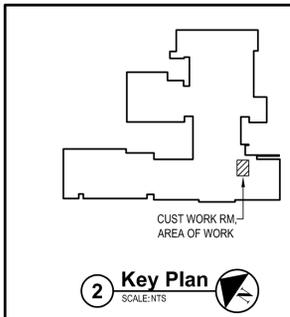
DRAWING No.
MD 100.00



- 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.
 2. 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.
 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.
 5. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING EQUIPMENT, FIXTURES AND FINISHES THROUGHOUT CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE INCURRED.
 6. THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE BUILDING FROM DUST, WEATHER INCREMENT 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.

1 Mechanical First Floor Demolition Plan
SCALE: 1/8"=1'-0"



X:\WPSD (White Plains Central School District) - 19871\WPSD 2007 - George Washington Toilet Room Renovations\02-Site\02-001-003-Mech Demolition Plan.dwg - Last Modified: Oct 01, 2021 - 10:34am Plotted on: Nov 02, 2021 - 11:14am By: hmanan

CONSULTANTS:

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



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PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

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66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL
DEMOLITION PLAN
THIRD FLOOR**

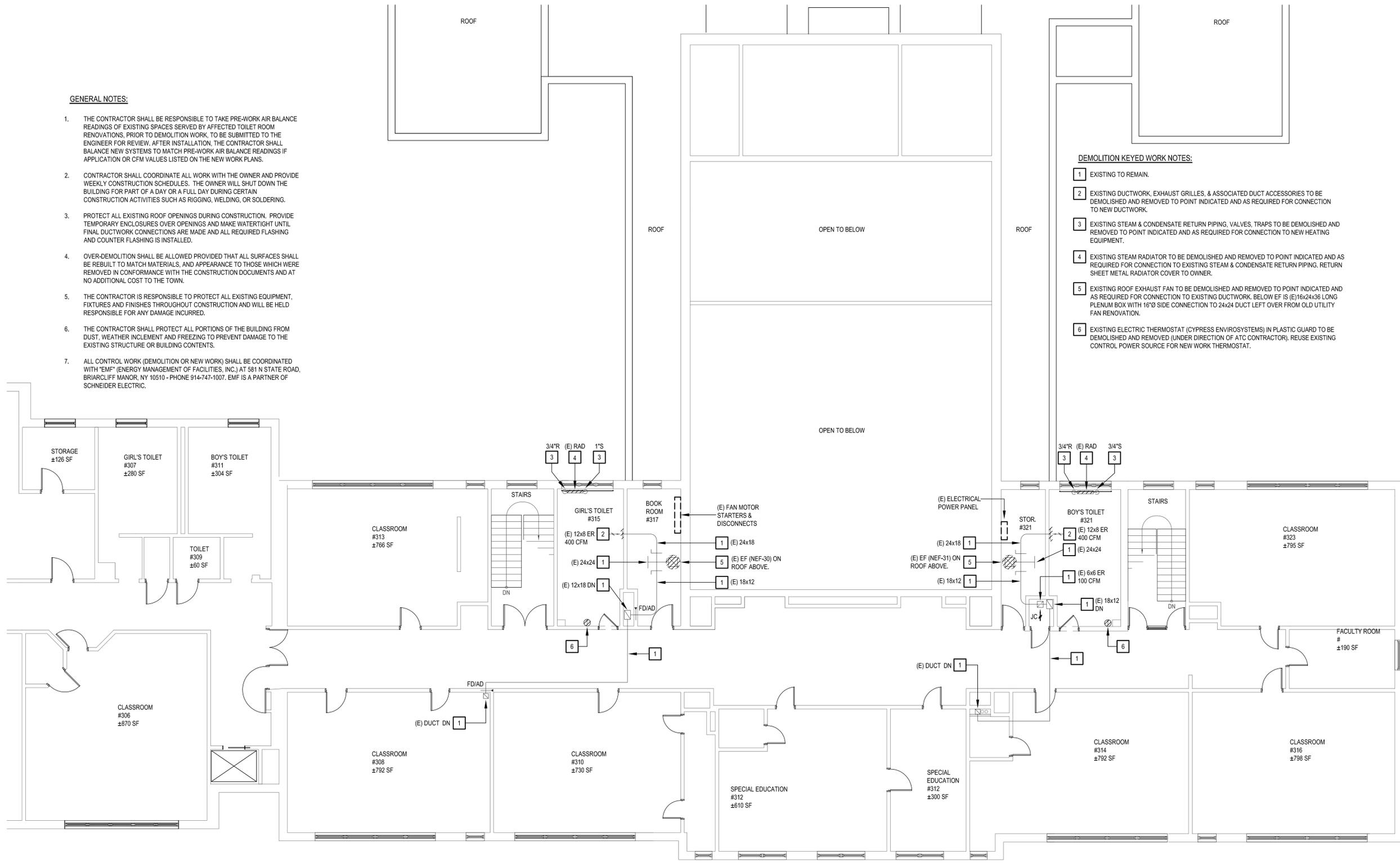
DRAWING No.
MD 102.00

GENERAL NOTES:

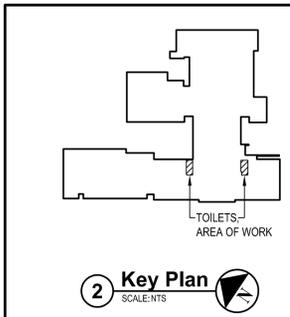
1. THE CONTRACTOR SHALL BE RESPONSIBLE TO TAKE PRE-WORK AIR BALANCE READINGS OF EXISTING SPACES SERVED BY AFFECTED TOILET ROOM RENOVATIONS. PRIOR TO DEMOLITION WORK, TO BE SUBMITTED TO THE ENGINEER FOR REVIEW. AFTER INSTALLATION, THE CONTRACTOR SHALL BALANCE NEW SYSTEMS TO MATCH PRE-WORK AIR BALANCE READINGS IF APPLICATION OR CFM VALUES LISTED ON THE NEW WORK PLANS.
2. 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.
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.
5. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING EQUIPMENT, FIXTURES AND FINISHES THROUGHOUT CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE INCURRED.
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.
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 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 SHEET METAL RADIATOR COVER TO OWNER.
- 5 EXISTING ROOF EXHAUST FAN TO BE DEMOLISHED AND REMOVED TO POINT INDICATED AND AS REQUIRED FOR CONNECTION TO EXISTING DUCTWORK. BELOW EF IS (E) 16x24x36 LONG PLENUM BOX WITH 16" SIDE CONNECTION TO 24x24 DUCT LEFT OVER FROM OLD UTILITY FAN RENOVATION.
- 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.



1 Mechanical Third Floor Demolition Plan
SCALE: 1/8"=1'-0"



X:\WPSD (White Plains Central School District) - 108911\WPSD 2007 - George Washington Toilet Room Renovations\102.00 - 3rd Floor Mechanical Demolition.dwg Last Modified: 08/07/2021 10:35am Plotted on: 11/03/2021 11:18am By: rframan

CONSULTANTS:

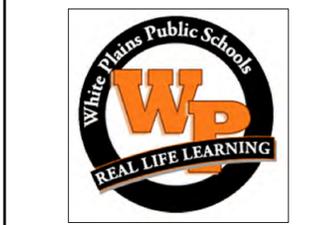
MARK	DATE	DESCRIPTION
1	11-03-21	FINAL BID SET



DESIGNED BY: JSK	DRAWN BY: JSK	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

CLIENT
White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



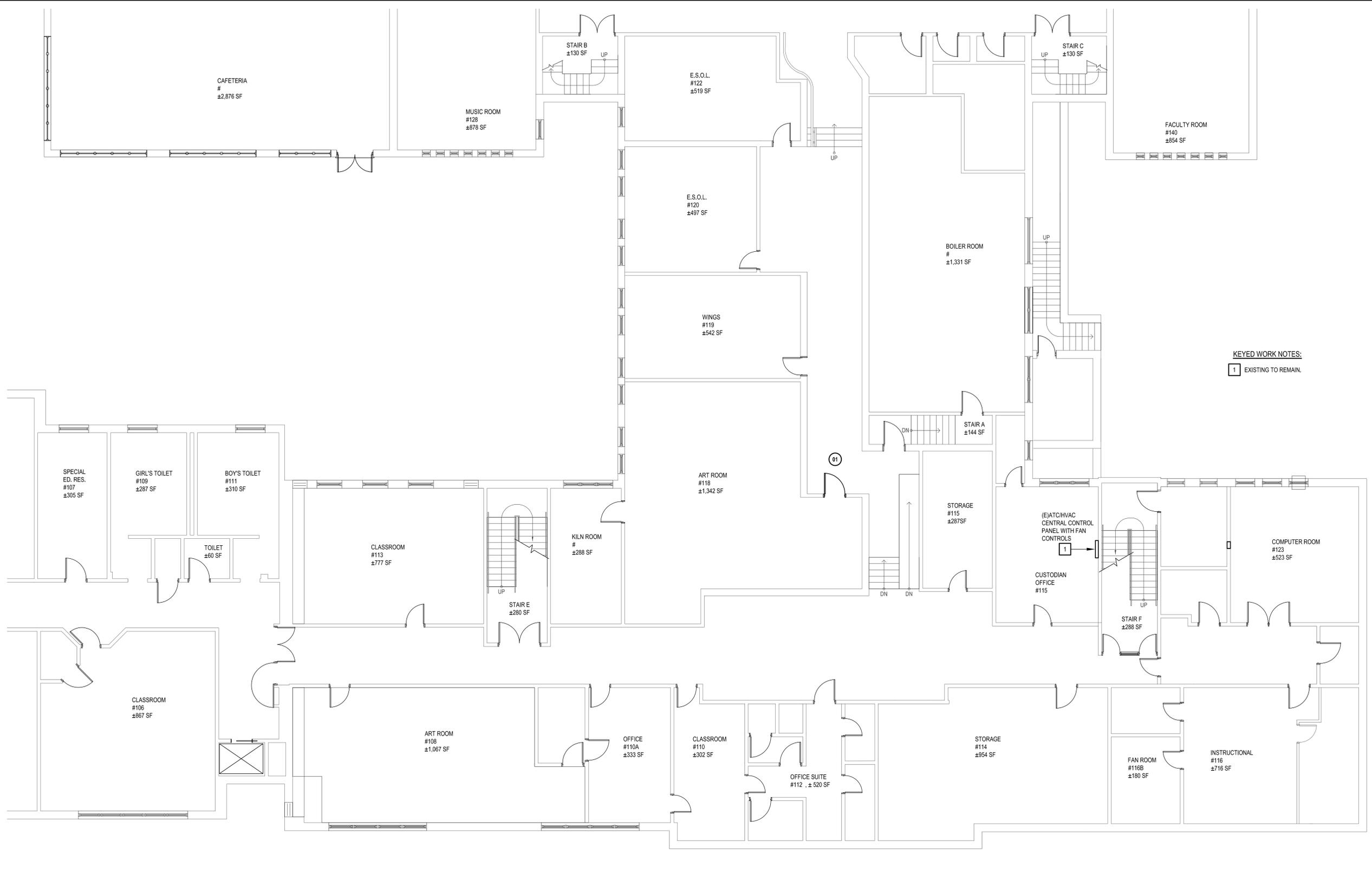
100 Orchard Street
White Plains NY, 10604
66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

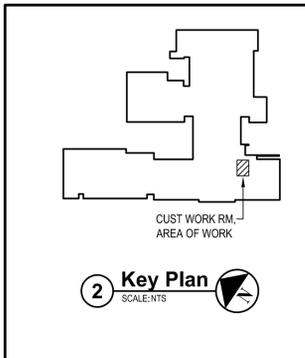
SHEET TITLE
**MECHANICAL FLOOR PLAN
FIRST FLOOR**

DRAWING No.
M 100.00



KEYED WORK NOTES:
1 EXISTING TO REMAIN.

1 Mechanical First Floor Plan
SCALE: 1/8"=1'-0"



X:\WPSD (White Plains Central School District) - 108911\WPSD 2007 - George Washington Toilet Room Renovations\100.00 - 1st Floor Mech Plan.dwg Last Modified: Nov 02, 2021 - 05:57am Plotted on Nov 02, 2021 - 11:20am By: sherman

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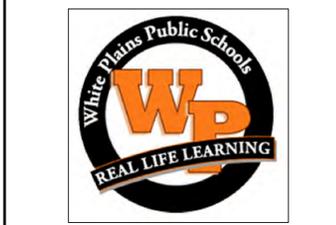
MARK	DATE	DESCRIPTION
-	11-03-21	FINAL BID SET



DESIGNED BY: JSK	DRAWN BY: JSK	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

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White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



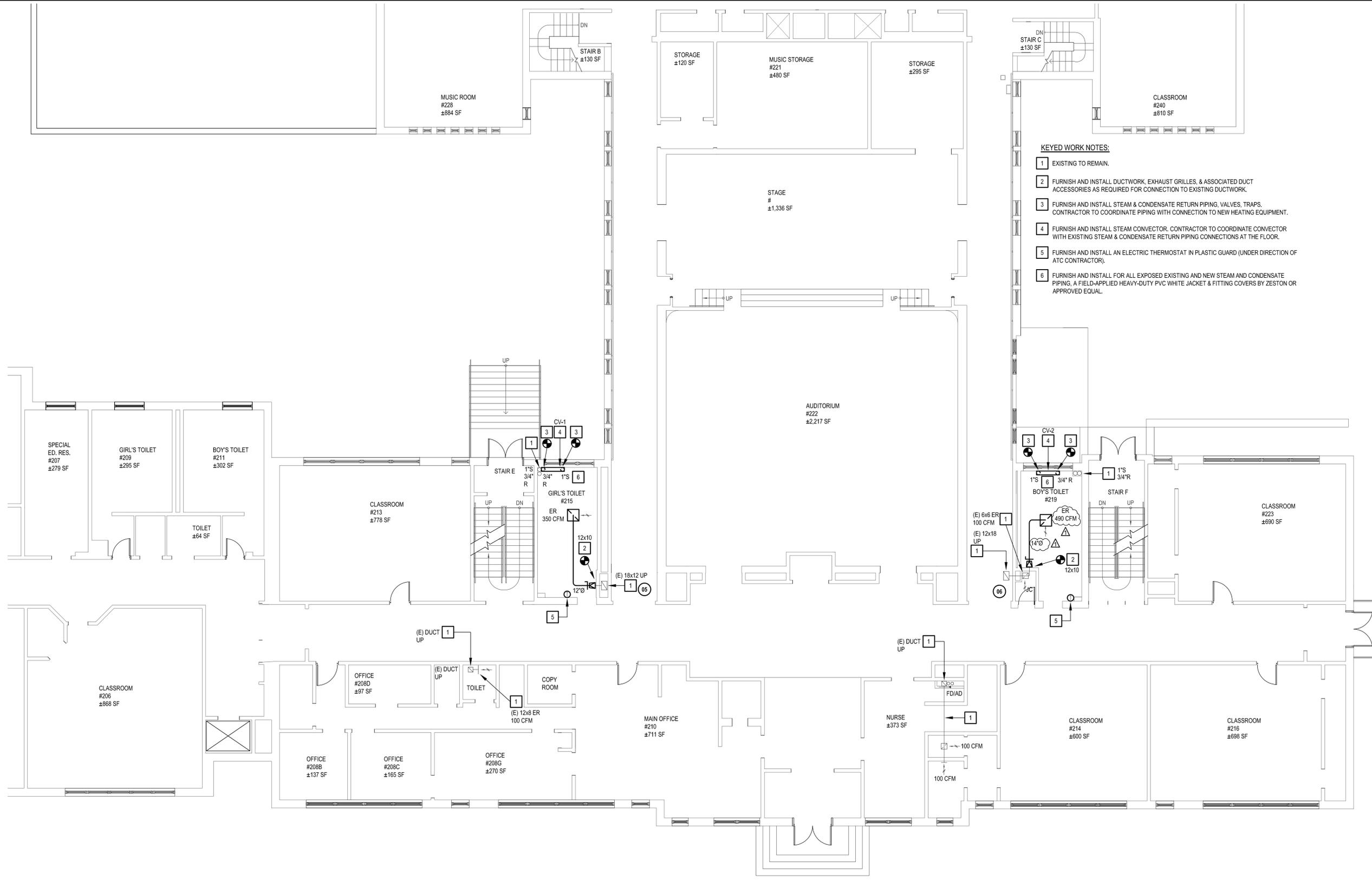
100 Orchard Street
White Plains NY, 10604
66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

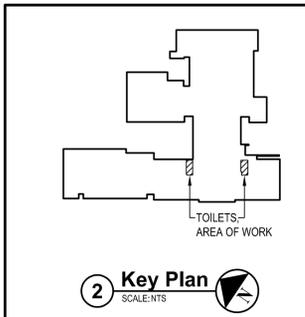
SHEET TITLE
**MECHANICAL
FLOOR PLAN
SECOND FLOOR**

DRAWING No.
M 101.00



- KEYED WORK NOTES:**
- EXISTING TO REMAIN.
 - FURNISH AND INSTALL DUCTWORK, EXHAUST GRILLES, & ASSOCIATED DUCT ACCESSORIES AS REQUIRED FOR CONNECTION TO EXISTING DUCTWORK.
 - FURNISH AND INSTALL STEAM & CONDENSATE RETURN PIPING, VALVES, TRAPS. CONTRACTOR TO COORDINATE PIPING WITH CONNECTION TO NEW HEATING EQUIPMENT.
 - FURNISH AND INSTALL STEAM CONVECTOR. CONTRACTOR TO COORDINATE CONVECTOR WITH EXISTING STEAM & CONDENSATE RETURN PIPING CONNECTIONS AT THE FLOOR.
 - FURNISH AND INSTALL AN ELECTRIC THERMOSTAT IN PLASTIC GUARD (UNDER DIRECTION OF ATC CONTRACTOR).
 - 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 APPROVED EQUAL.

1 Mechanical Second Floor Plan
SCALE: 1/8"=1'-0"



X:\WPSD (White Plains Central School District) - 10911\WPSD 2007 - George Washington Toilet Room Renovations\02-Mech\01-00-2nd Floor Mech Plan.dwg Last Modified: Nov 02, 2021 - 11:20am Plotted: Nov 02, 2021 - 11:21am By: jmoran

CONSULTANTS:

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



DESIGNED BY: JSK	DRAWN BY: JSK	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

CLIENT
White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



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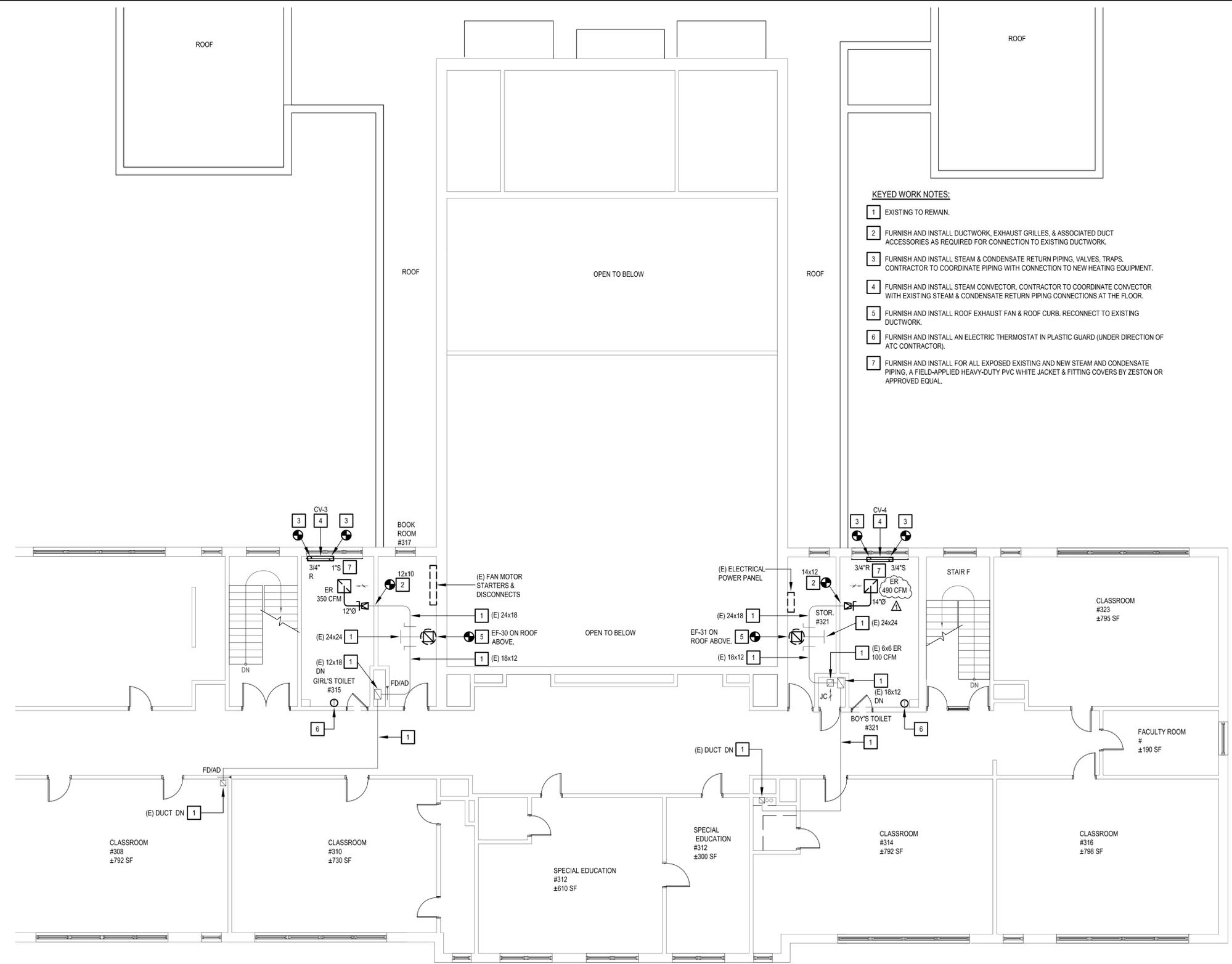
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CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
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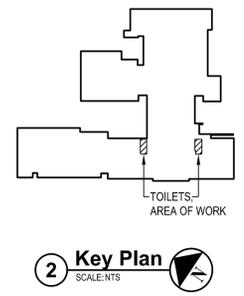
SHEET TITLE
**MECHANICAL FLOOR PLAN
THIRD FLOOR**

DRAWING No.
M 102.00



- KEYED WORK NOTES:**
- EXISTING TO REMAIN.
 - FURNISH AND INSTALL DUCTWORK, EXHAUST GRILLES, & ASSOCIATED DUCT ACCESSORIES AS REQUIRED FOR CONNECTION TO EXISTING DUCTWORK.
 - FURNISH AND INSTALL STEAM & CONDENSATE RETURN PIPING, VALVES, TRAPS. CONTRACTOR TO COORDINATE PIPING WITH CONNECTION TO NEW HEATING EQUIPMENT.
 - FURNISH AND INSTALL STEAM CONVECTOR. CONTRACTOR TO COORDINATE CONVECTOR WITH EXISTING STEAM & CONDENSATE RETURN PIPING CONNECTIONS AT THE FLOOR.
 - FURNISH AND INSTALL ROOF EXHAUST FAN & ROOF CURB. RECONNECT TO EXISTING DUCTWORK.
 - FURNISH AND INSTALL AN ELECTRIC THERMOSTAT IN PLASTIC GUARD (UNDER DIRECTION OF ATC CONTRACTOR).
 - 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 APPROVED EQUAL.

1 Mechanical Third Floor Plan
SCALE: 1/8"=1'-0"



2 Key Plan
SCALE: NTS

X:\WPSD (White Plains Central School District) - 108911\WPSD 2007 - George Washington Toilet Room Renovations\102.00-3rd Floor Mech Floor Plan.dwg Last Modified: 01/11/2021 10:33am Plotted on: Nov 02, 2021 11:23am By: sherman

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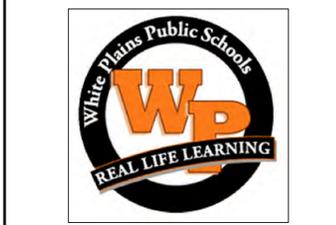
MARK	DATE	DESCRIPTION
-	11-03-21	FINAL BID SET



DESIGNED BY: JSK	DRAWN BY: JSK	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604
66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL
SCHEDULES AND DETAILS**

DRAWING No.
M 300.00

VENTILATION SCHEDULE - GEORGE WASHINGTON ELEMENTARY SCHOOL

ROOM NO.	ROOM NAME	EQUIPMENT TAG	ROOM DATA				OUTSIDE AIR CFM REQUIRED (VRP)				EXHAUST AIR CFM REQUIRED			DESIGN AIR FLOWS		NOTES		
			TYPE	DISTR EFFECT (Ez)	AREA SQ FT (Az)	HGT	NO. OF FIXTURES	NO. OF PEOPLE (Pz)	PER PERSON (Rp)	PER SQ FT (Ra)	BRTH ZONE (Vbz)	OA REQ'D	PER FIXTURE (CODE)	PER SQ FT (CODE)	TOTAL REQ'D (CODE)		MIN OA (CFM)	EA (CFM)
215	GIRL'S TOILET ROOM	EF-30	PUBLIC TOILET	0.8	274	10.5	5							70		350	350	1
219	BOY'S TOILET ROOM	EF-31	PUBLIC TOILET	0.8	240	10.5	7							70		490	490	1
315	GIRL'S TOILET ROOM	EF-30	PUBLIC TOILET	0.8	266	10.5	5							70		350	350	1
321	BOY'S TOILET ROOM	EF-31	PUBLIC TOILET	0.8	240	10.5	7							70		490	490	1

NOTES:
1. ALL ROOM AIR FLOWS ARE BASED ON TABLE 403.3 FROM THE 2020 MECHANICAL CODE OF NYS AND/OR LATEST ASHRAE 62.1, WHICHEVER IS GREATER.

EXHAUST FAN SCHEDULE

UNIT	SERVICE	LOCATION	MFG	MODEL	TYPE	DRIVE	AIRFLOW (CFM)	ESP (IN WG)	SPEED (RPM)	SOUND POWER (SONES)	MOTOR DATA			PHYSICAL DATA				NOTES	
											V/PH	HP	SPEED (RPM)	DUCT CONN.		ROOF OPENING			WGT (LBS)
														L (IN)	W (IN)	L (IN)	W (IN)		
EF-30	TOILETS	ROOF	GREENHECK	G-123-VG	CENTRIFUGAL DOME	DIRECT	1500	0.6	1503	13.2	208/1/60	1/2	1725	12	12	14.5	14.5	79	1,2,3,4,5,6
EF-31	TOILETS	ROOF	GREENHECK	G-123-VG	CENTRIFUGAL DOME	DIRECT	1500	0.6	1503	13.2	208/1/60	1/2	1725	12	12	14.5	14.5	79	1,2,3,4,5,6

NOTES:
1. FANS SHALL INCLUDE NEMA-1 DISCONNECT SWITCH, THERMAL OVERLOAD PROTECTION, VARI-GREEN ELECTRONICALLY COMMUTATED (EC) MOTORS WITH DIAL ON MOTOR CONTROL.
2. FANS SHALL INCLUDE: HIGH-WIND-RATED ROOF CURB (12 INCH HIGH), HINGED CURB CAP KIT WITH CABLES, FOAMED CURB SEAL, GRAVITY BACKDRAFT DAMPER, ALUMINUM BIRDSCREEN (86% FREE AREA).
3. FAN SHALL BE UL 705 LISTED, AMCA CERTIFIED.
4. JUNCTION BOX MOUNTED AND WIRED.
5. ONE YEAR STANDARD WARRANTY.
6. INTERLOCK EXHAUST FAN WITH AUTOMATIC TEMPERATURE CONTROL SYSTEM.

CONVECTOR SCHEDULE

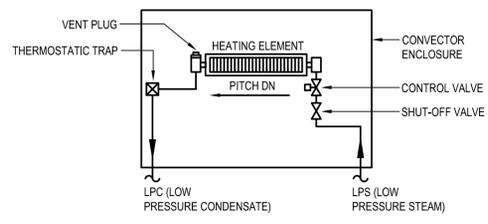
UNIT	MFG	MODEL	MOUNTING TYPE	OUTLET GRILLE TYPE	INLET GRILLE TYPE	STEAM TEMPERATURE (DEGREES F)	STEAM HEATING CAPACITY (BTUH)	PHYSICAL DATA				NOTES
								D (INCH)	L (INCH)	H (INCH)	RECESS DEPTH (INCH)	
CV-1	STERLING	SFG-A	FREE STANDING CABINET	SLOPING TOP	FRONT	215	19,610	8	48	32	N/A	1,2,3,4
CV-2	STERLING	SFG-A	FREE STANDING CABINET	SLOPING TOP	FRONT	215	19,610	8	48	32	N/A	1,2,3,4
CV-3	STERLING	SFG-A	FREE STANDING CABINET	SLOPING TOP	FRONT	215	19,610	8	48	32	N/A	1,2,3,4
CV-4	STERLING	SFG-A	FREE STANDING CABINET	SLOPING TOP	FRONT	215	19,610	8	48	32	N/A	1,2,3,4

NOTES:
1. FREE STANDING EXPOSED CABINET ENCLOSURE FITTED FLUSH AGAINST WALL WITH SLOPED TOP INTEGRAL OUTLET GRILLE AND LOW INTEGRAL INLET GRILLE IN FRONT PANEL.
2. PROVIDE 14 GAUGE HEAVY-DUTY ENCLOSURE.
3. CUSTOM COLOR SELECTION BY ARCHITECT.
4. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS WITH PIPING CONNECTIONS PRIOR TO ORDERING.

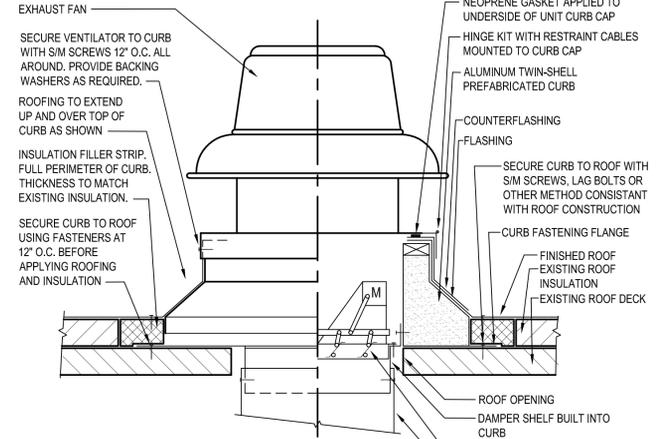
GRILLE SCHEDULE

TAG	TYPE	MFG	MODEL	MOUNT TYPE	MODULE SIZE (IN)	NECK SIZE (IN)	AIRFLOW RANGE (CFM)	NC RATING	PRESS LOSS (IN WG)	NOTES
EG	EXHAUST GRILLE	TITUS	PAR	LAY-IN	24x24	6" DIA.	0-120	13	0.1	1, 2, 3, 4
EG	EXHAUST GRILLE	TITUS	PAR	LAY-IN	24x24	8" DIA.	121-210	19	0.1	1, 2, 3, 4
EG	EXHAUST GRILLE	TITUS	PAR	LAY-IN	24x24	10" DIA.	211-325	24	0.1	1, 2, 3, 4
EG	EXHAUST GRILLE	TITUS	PAR	LAY-IN	24x24	12" DIA.	326-475	28	0.1	1, 2, 3, 4
EG	EXHAUST GRILLE	TITUS	PAR	LAY-IN	24x24	14" DIA.	476-640	28	0.1	1, 2, 3, 4

NOTES:
1. COLOR AND MOUNTING STYLE SELECTION BY ARCHITECT. PROVIDE COLOR SAMPLE, OTHERWISE STANDARD FINISH IS #26 WHITE.
2. GRILLES SHALL BE OF STEEL CONSTRUCTION WITH FLUSH PERFORATED FACE.
3. PROVIDE VOLUME DAMPER IN BRANCH DUCT.
4. CONTRACTOR TO VERIFY CEILING TYPE, GRID MODULE, AND LAY-IN FRAME TYPES.

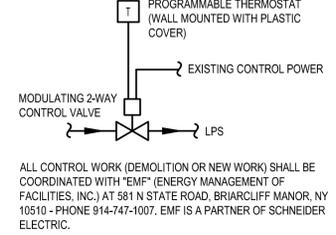


1 Steam Convector - Piping Detail
SCALE: NTS

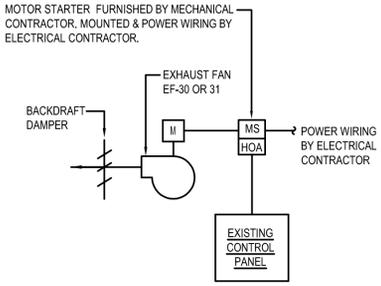


NOTES:
1. CURBS AND FANS SHALL BE FROM THE SAME MANUFACTURER.
2. ROOF OPENING IN ACCORDANCE WITH MANUFACTURER'S APPROVED SHOP DRAWINGS.
3. CURB HEIGHT SHALL BE 12" ABOVE FINISHED ROOF.
4. ALL FLASHING AND ROOF WORK BY CONTRACTOR.

Roof Exhaust Fan & Curb
SCALE: NTS



3 Steam Convector - 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 ELECTRIC.

4 Exhaust Fan - Control Schematic
SCALE: NTS

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CONSULTANTS:

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



DESIGNED BY: JRM	DRAWN BY: CJM	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

CLIENT
White Plains City School District

Toilet Room Renovations at
the George Washington
Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**GENERAL NOTES, LEGEND,
AND ABBREVIATIONS**

DRAWING NO.
P000.00

SYMBOL	DESCRIPTION
	PIPING UP
	PIPING DOWN
	PIPING RISE OR DROP
	BRANCH-TOP CONNECTION
	BRANCH-BOTTOM CONNECTION
	REDUCER
	CLEANOUT
	FLOOR CLEANOUT
	CAPPED PIPE
	METER
	FLOOR DRAIN
	AQUASTAT
	PUMP
	STRAINER
	UNION
	THERMOSTATIC MIXING VALVE
	BALANCING VALVE (BLV)
	GLOBE VALVE (GLV)
	CHECK VALVE (CV)
	GAS COCK, GAS STOP
	BALL VALVE (BV)
	BUTTERFLY VALVE (BFV)
	SOLENOID VALVE
	PRESSURE-REDUCING VALVE (PRV)
	GATE VALVE (GV)
	PRESSURE-RELIEF VALVE (RV)
	BACKFLOW PREVENTER
	FROST FREE HOSE BIBB
	HOSE BIBB
	RECESSED-BOX HOSE BIBB OR WALL HYDRANT
	EXPANSION JOINT
	WATER HAMMER ARRESTER
	VALVE IN RISER
	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)
	PIPING EQUIPMENT TO BE REMOVED
	POINT OF CONNECTION
	POINT OF DISCONNECTION

ABBREVIATIONS	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CLG	CEILING
CO	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. (W.G.)	INCHES WATER COLUMN (WATER GAUGE)
KW	KILOWATTS
LBS	POUNDS
M	METER
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OD	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
W	WASTE

GENERAL PLUMBING NOTES

- 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.
- 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 (NYSPL), FIRE (NYSFC), MECHANICAL (NYSMC), ENERGY CONSERVATION CONSTRUCTION (NYSECC), AND FUEL GAS (NYSFGG) CODE AND THE REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
- COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE REQUIREMENTS OF DIVISION 26 FOR ALL ELECTRICAL INSTALLATIONS.
- APPLY FOR AND SECURE ALL REQUIRED PERMITS AND INSPECTIONS AND PAY ALL COSTS FOR THE SAME.
- FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, CONDUIT, ETC.
- 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.
- 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.
- 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.
- 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.
- PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
- 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.
- 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.
- COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
- 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.
- COMPLETE ALL PRESSURE TESTS BEFORE ANY PLUMBING EQUIPMENT, OR PIPING INSULATION IS APPLIED.
- 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.
- PROVIDE CONCRETE PADS A MINIMUM OF 4 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
- INSTALL PIPING, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- 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.
- PROVIDE ACCESS DOORS IN WALLS, PARTITIONS, AND CEILINGS AS REQUIRED TO MAKE VALVES, WATER HAMMER ARRESTERS, ETC. READILY ACCESSIBLE.
- 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 JURISDICTION.
- INSTALL FIXTURES AND EQUIPMENT WITH VALVES, UNIONS, ETC. TO ALLOW FOR EASE OF SERVICE AND/OR REMOVAL.
- CORE DRILL ALL PENETRATIONS THROUGH CONCRETE FLOORS, WALLS, AND FOOTINGS.
- INSTALL LINK SEAL TYPE PROTECTION FOR WATER RESISTANT SEALS AT ALL SLAB AND BELOW GROUND WALL FOOTING PENETRATIONS.
- PROVIDE A CLEANOUT AT THE BASE OF WASTE AND VENT STACKS WITH FINISHED WALL PLATE IN FINISHED WALLS.
- 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.
- COVER ALL COPPER PIPING BELOW SLAB WITH "ARMAFLEX" TYPE INSULATION.
- SLOPE ALL VENT PIPING TO DRAIN BACK TO THE DRAINAGE SYSTEM.
- 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.
- PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK CLOSING FIXTURE VALVE LOCATIONS.
- ALL PIPING, VALVES AND FITTINGS USED FOR POTABLE WATER SHALL BE NSF 61/372 COMPLIANT AND BE TESTED FOR LOW LEAD.
- ANY PENETRATIONS THROUGH AIR BARRIER SHALL BE SEALED AS PER 2020 NYSECC RESIDENTIAL AND COMMERCIAL PROVISIONS.
- 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.

LEAD NOTE:

- ALL FAUCETS, FITTINGS, AND VALVES MUST COMPLY WITH NSF 61 AND ASTM 372 FOR LOW LEAD PERCENTAGE
- CONTRACTOR SHALL BE RESPONSIBLE TO DEMONSTRATE COMPLIANCE WITH THE NYS DEPARTMENT OF HEALTH LEAD IN WATER REGULATION (10 NYCRR 67-4).
- 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

FIXTURE NO.	DESCRIPTION	MINIMUM CONNECTION SIZES (IN)						
		COLD WATER		HOT WATER		DRAIN		V
		SIZE	FU	SIZE	FU	SIZE	DFU	
LAV-1	LAVATORY - WALL MOUNT	1/2	1.5	1/2	1.5	1 1/2	1	1 1/2
LAV-2	LAVATORY 2 BAY WASH STATION - WALL MOUNT - ADA	1/2	1.5	1/2	1.5	1 1/2	1	1 1/2
WC-1	WATER CLOSET - WALL MOUNT - FLUSHOMETER	1	10	-	-	4	4	2
WC-2	WATER CLOSET - WALL MOUNT - FLUSHOMETER - ADA	1	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	3/4"	-	-	-	-	-	-

NOTES:

- CHROME PLATE ALL DRAIN PIPE, FITTINGS, P-TRAPS AND SUPPLY LINES THAT ARE EXPOSED, LOCATED WITHIN VANITIES OR ACCESSIBLE CABINETS OR BEHIND WATER CLOSETS.
- SEE SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBERS
- MINIMUM CONNECTION SIZES INDICATED ARE EQUIPMENT CONNECTION SIZES OR CODE MINIMUM SIZES, SEE PLANS AND DIAGRAMS FOR ACTUAL SIZES REQUIRED
- ALL FLOOR DRAINS SHALL HAVE TRAP SEAL.

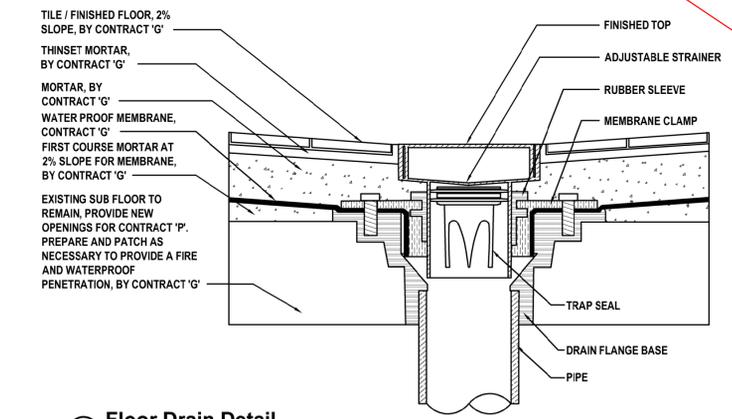
DEMOLITION NOTES

GENERAL

- PRIOR TO PROPOSAL SUBMISSION, THIS CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE EXISTING CONDITIONS ASSOCIATED WITH THE SCOPE OF WORK AND ADJACENT AREAS TO ASCERTAIN THE DIFFICULTIES WHICH WILL AFFECT THE EXECUTION OF THE WORK OF THIS CONTRACT.
- SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE ABOVE SITE EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.

SCOPE OF WORK

- DEMOLITION WORK SHALL INCLUDE ALL MATERIALS, LABOR, EXTENSIONS, CONNECTIONS, CUTTING, REPAIRING, ADAPTING AND OTHER PLUMBING WORK REQUIRED TO MAINTAIN SERVICE PENDING THE COMPLETION OF THE PERMANENT WORK. COORDINATE THE EXTENT OF DEMOLITION WORK WITH THE ARCHITECT AND BUILDING MANAGEMENT.
- 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.
- ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH PROPOSED NEW PLUMBING (AS WELL AS ELECTRICAL, MECHANICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT.
- REMOVE ALL FIXTURES AS NOTED ON THE ARCHITECTURAL PLANS. PROVIDE TEMPORARY CAPS FOR HOT, COLD AND SANITARY CONNECTIONS DURING NEW CONSTRUCTION.
- REMOVE BASE BUILDING PIPING AS INDICATED BELOW:
 - REMOVE ALL ABANDONED BASE BUILDING PIPING BACK TO THE EXISTING WET COLUMNS OR SHAFTS, OR AS NOTED ON DRAWINGS.
 - CONTRACTOR TO CONTACT BUILDING MANAGEMENT AND TENANT REGARDING REMOVAL SCOPE OF WORK TO MAINTAIN CONTINUITY OF ALL SERVICES TO ALL TENANTS WHO ARE TO REMAIN OPERATIONAL AND NOT BE AFFECTED BY DEMOLITION WORK.
 - ALL EXISTING BUILDING VALVES FOR DOMESTIC WATER MAINS AT SHAFTS ARE TO REMAIN.
- PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING PIPING TO REMAIN WHICH ARE AFFECTED BY DEMOLITION OF EXISTING CEILING AND PARTITIONS.
- COORDINATE WITH OWNER TO DETERMINE WHETHER REMOVED EQUIPMENT IS TO BE TURNED OVER TO THE OWNER.



1 Floor Drain Detail
SCALE: NTS

CONSULTANTS:

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



DESIGNED BY: JRM	DRAWN BY: CJM	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WFSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

CLIENT
White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**PLUMBING DEMOLITION
ENLARGEMENT PLANS**

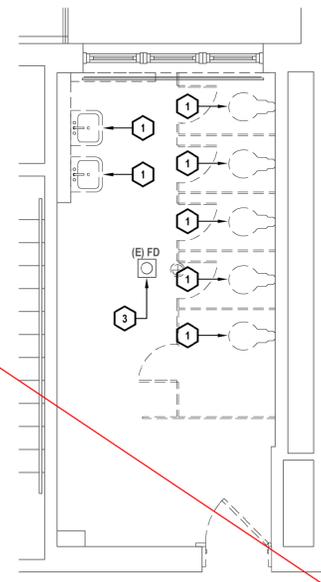
DRAWING No.
P200.00

PLUMBING DEMOLITION NOTES

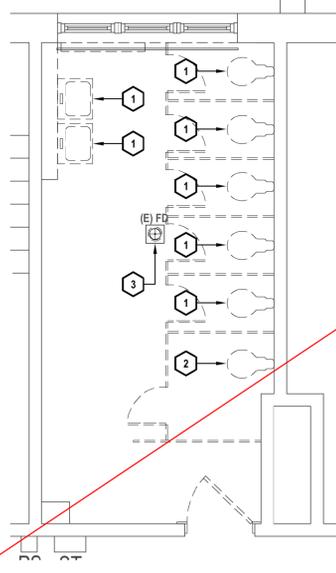
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KEYED DEMOLITION NOTES

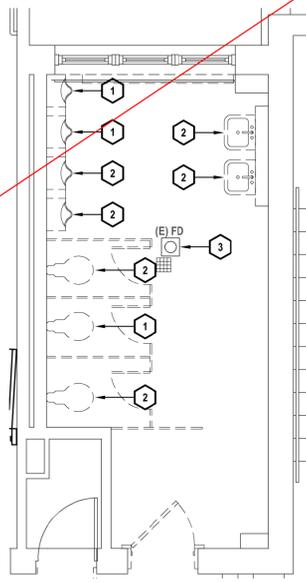
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- EXISTING FLOOR DRAIN TO REMAIN.



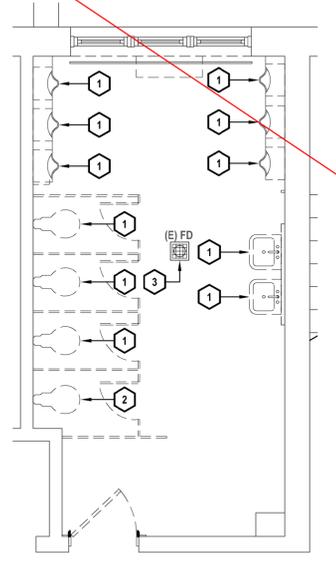
1 First Floor Girl's Bathroom Demolition Plan
SCALE: 1/4"=1'-0"



3 Second Floor Girl's Bathroom Demolition Plan
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2 First Floor Boy's Bathroom Demolition Plan
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4 Second Floor Boy's Bathroom Demolition Plan
SCALE: 1/4"=1'-0"

CONSULTANTS:

MARK	DATE	DESCRIPTION
1	11-22-21	ADDENDUM #1
-	11-03-21	FINAL BID SET



DESIGNED BY: JRM	DRAWN BY: CJM	CHECKED BY:	REVIEWED BY:
PROJECT No.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

SHEET TITLE
PLUMBING DEMOLITION ENLARGEMENT PLANS

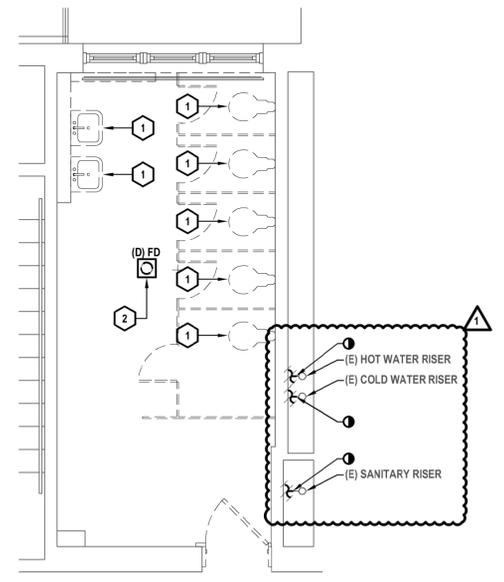
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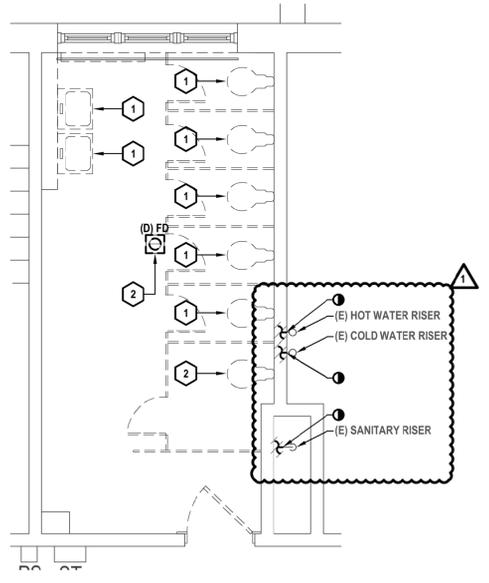
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- CUT AND CAP EXISTING PLUMBING RISERS IN CHASEWALL AND ABANDON IN PLACE.

KEYED DEMOLITION NOTES

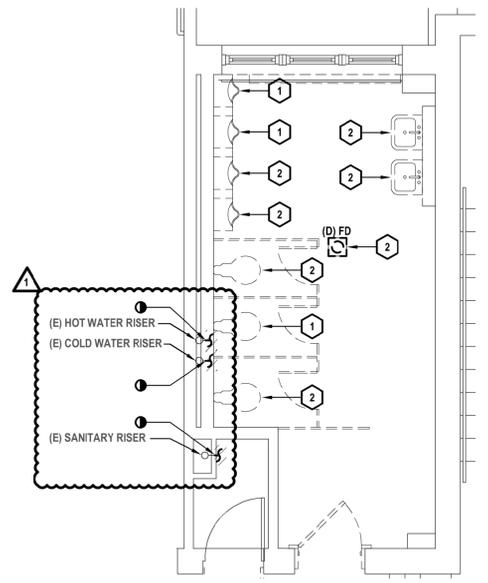
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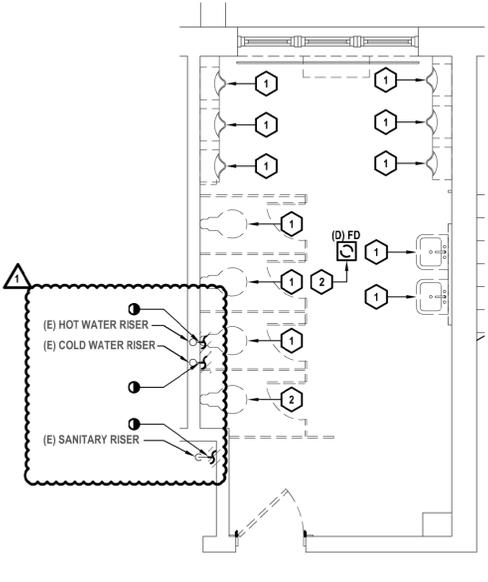
1 First Floor Girl's Bathroom Demolition Plan
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4 Second Floor Boy's Bathroom Demolition Plan
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CONSULTANTS:

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CLIENT
White Plains City School District

Toilet Room Renovations at the George Washington Elementary School

100 Orchard Street
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66-22-00-01-0-009-016

CONTRACT
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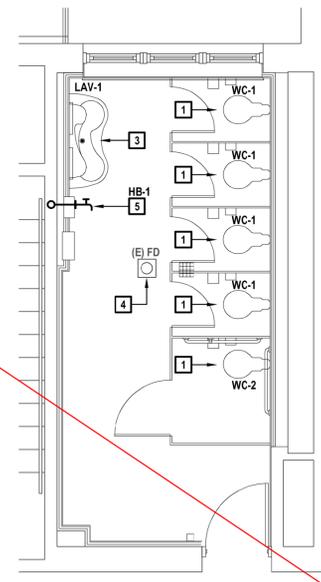
SHEET TITLE
PLUMBING PROPOSED ENLARGEMENT PLANS

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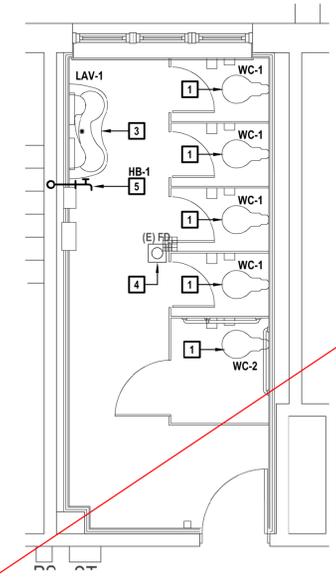
- PLUMBING NOTES**
- VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY PIPING, SANITARY, WASTE & VENT PIPING. REROUTE AND MODIFY EXISTING PLUMBING PIPING AS REQUIRED FOR CONNECTIONS TO NEW PLUMBING FIXTURES.
 - INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING WATER PIPING WHERE INSULATION IS DAMAGED.
 - 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 1/4"/FT.
 - CHASE WALL WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.
 - INSTALL NEW SHUT OFF VALVES OR REPLACE EXISTING VALVES ON ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING TOILETS.
 - 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 IN CORRIDORS/CHASE.
 - VERIFY THE EXACT LOCATION OF THE EXISTING PIPING AND COORDINATE THE EXACT CONNECTION POINTS TO THE EXISTING PIPING IN THE FIELD.

- KEYED PLUMBING NOTES**
- INSTALL NEW WALL MOUNTED WATER CLOSET AND FLUSH VALVE OR APPROVED EQUAL. INSTALL NEW COLD WATER STOP VALVE. CONNECT NEW 1" CW PIPING FROM EXISTING COLD WATER PIPING. CONNECT NEW 4" SANITARY PIPING FROM EXISTING SANITARY PIPING. CONNECT 2" VENT TO EXISTING VENT HEADER. MODIFY PIPING AS REQUIRED.
 - INSTALL NEW URINAL WITH CARRIER SUPPORT, ZURN MODEL Z1218, OR APPROVED EQUAL. CONNECT NEW 3/4" COLD WATER PIPING FROM EXISTING URINAL. CONNECT NEW 2" SANITARY PIPING TO EXISTING SANITARY IN ADJACENT PLUMBING CHASE. CONNECT 1-1/2" VENT TO EXISTING VENT HEADER. MODIFY PIPING AS REQUIRED.
 - INSTALL NEW LAVATORY. CONNECT NEW 1/2" COLD AND HOT WATER PIPING FROM HOT AND COLD WATER PIPING. INSTALL NEW STOP VALVE. CONNECT NEW 1-1/2" SANITARY PIPING TO EXISTING SANITARY/WASTE IN PLUMBING WALL. CONNECT 1-1/2" VENT TO EXISTING VENT HEADER. MODIFY PIPING AS REQUIRED.
 - PROVIDE NEW STRAINER AND DRAIN BODY AT SAME LOCATION AS EXISTING FLOOR DRAIN TO BE FLUSH WITH FINISHED FLOOR.
 - INSTALL NEW INTERIOR HOSE BIB WITH REMOVABLE KEYED LOCK MOUNTED A MINIMUM OF 12" FROM THE FLOOR. CONNECT NEW 1/2" COLD WATER TO EXISTING COLD WATER IN ADJACENT PLUMBING CHASE.

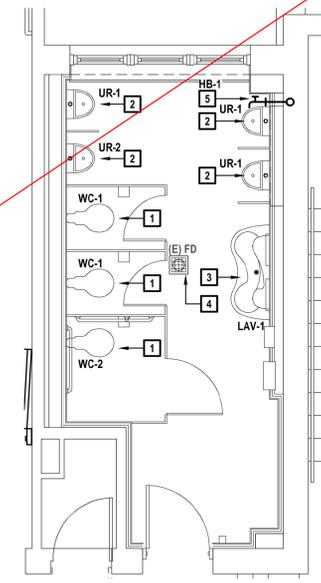
1 First Floor Girl's Bathroom Construction Plan
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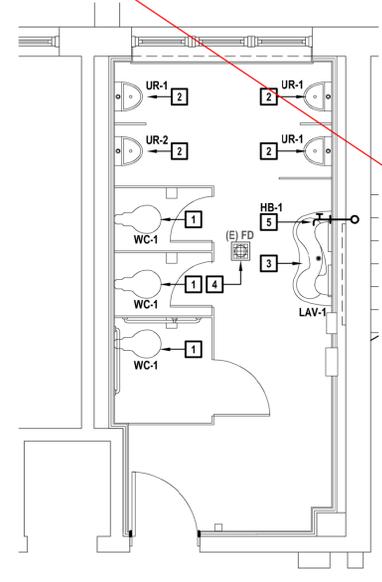
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2 First Floor Boy's Bathroom Construction Plan
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X:\WFSD (White Plains Central School District) - 10591\WFSD 2007 - George Washington Toilet Room Renovations\103.BIM\CAD\Civil\Proposed\Plumbing\201.00 - Plumbing Proposed Enlargement Plans.dwg Last Modified: Nov 02, 2021 - 2:31pm Plotted on: Nov 02, 2021 - 2:32pm By: CJK/mermet

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-	11-03-21	FINAL BID SET



DESIGNED BY: JRM	DRAWN BY: CJM	CHECKED BY:	REVIEWED BY:
PROJECT No.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

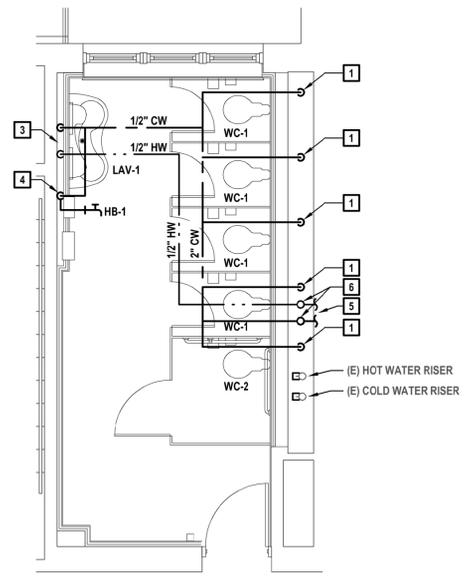
CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

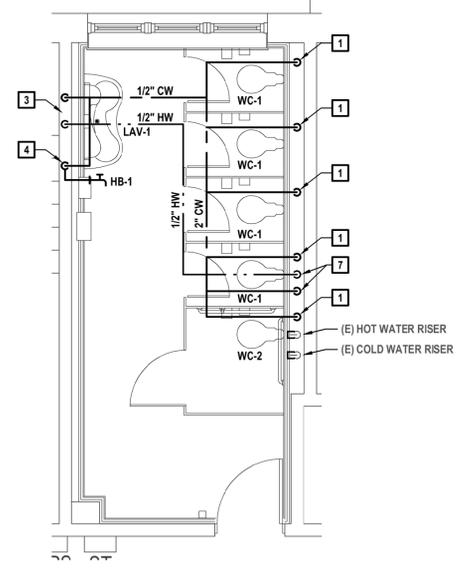
SHEET TITLE
**PLUMBING DOMESTIC
PROPOSED
ENLARGEMENT PLANS**

DRAWING No.
P201.00

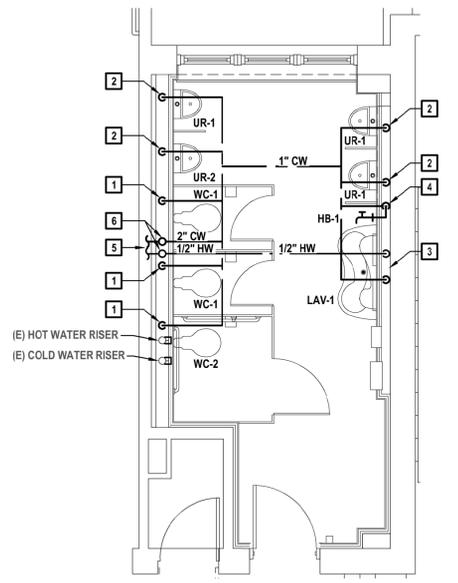
- PLUMBING NOTES**
- VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW PLUMBING FIXTURES.
 - INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING WATER PIPING WHERE INSULATION IS DAMAGED.
 - 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 1/4"/FT.
 - CHASE WALL WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.
 - INSTALL NEW SHUT OFF VALVES ON ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING TOILETS.
 - 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 IN CORRIDORS/CHASE.
- KEYED PLUMBING NOTES**
- 1" CW DN TO WATER CLOSET.
 - 3/4" CW DN TO URINAL.
 - 1/2" CW AND HW DN TO LAV-1.
 - 3/4" CW DN TO HOSE BIBB.
 - CONNECT NEW CW AND HW TO CLOSEST EXISTING CW AND HW MAIN.
 - NEW CW & HW RISER UP.
 - NEW CW & HW RISER DN.



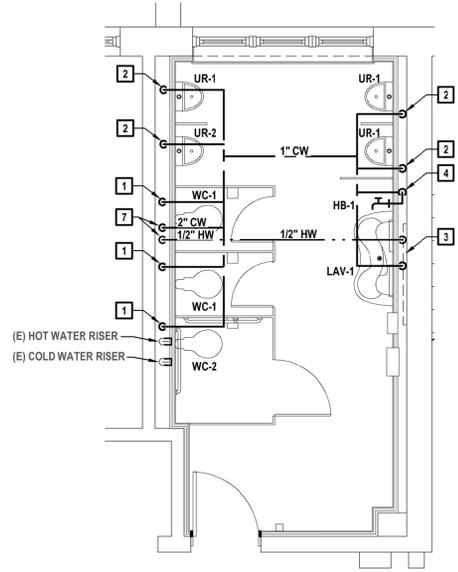
1 First Floor Girl's Bathroom Domestic Plan
SCALE: 1/4"=1'-0"



3 Second Floor Girl's Bathroom Domestic Plan
SCALE: 1/4"=1'-0"



2 First Floor Boy's Bathroom Domestic Plan
SCALE: 1/4"=1'-0"



4 Second Floor Boy's Bathroom Domestic Plan
SCALE: 1/4"=1'-0"

CONSULTANTS:

MARK	DATE	DESCRIPTION
1	11-22-21	ADDENDUM #1
-	11-03-21	FINAL BID SET



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PROJECT NO: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School



100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
PLUMBING SANITARY AND VENT PROPOSED ENLARGEMENT PLANS

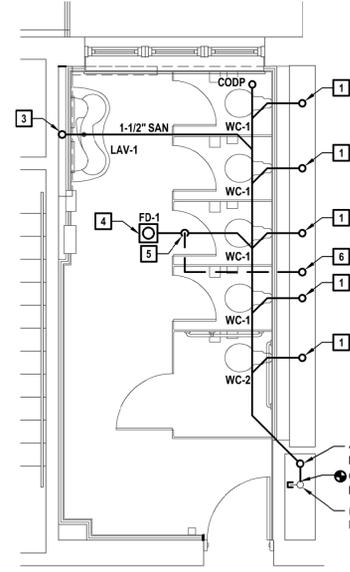
DRAWING NO.
P202.00

PLUMBING NOTES

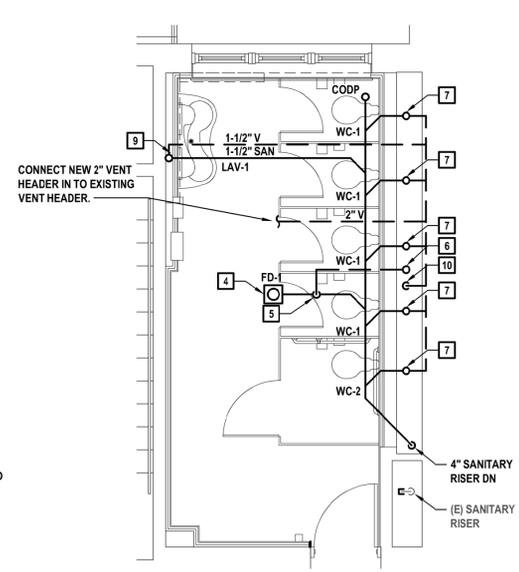
1. VERIFY IN FIELD EXACT LOCATIONS OF HOT WATER AND COLD WATER SUPPLY LINES, SANITARY, WASTE & VENT LINES. REROUTE AND MODIFY EXISTING PLUMBING LINES AS REQUIRED FOR CONNECTIONS TO NEW PLUMBING FIXTURES.
2. INSULATE ALL NEW WATER PIPING AND RE-INSULATE ALL EXISTING WATER PIPING WHERE INSULATION IS DAMAGED.
3. 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 1/4"/FT.
4. CHASE WALL WILL NEED TO BE OPENED TO ALLOW ACCESS TO EXISTING PIPING AND THEN REPAIRED. REFER TO ARCHITECTURAL DRAWINGS FOR MORE DETAIL.
5. INSTALL NEW SHUT OFF VALVES ON ALL COLD WATER AND HOT WATER BRANCH PIPING ENTERING TOILETS.
6. FURNISH AND INSTALL NEW CLEANOUT DECK PLATE, ZURN MODEL Z1400 OR APPROVED EQUAL AS REQUIRED IN EACH BATHROOM.
7. CONTRACTOR IS RESPONSIBLE TO INSTALL ALL NEW DOMESTIC AND SANITARY PIPING IN BATHROOM AND CONNECT TO EXISTING PIPING IN CORRIDORS/CHASE.

KEYED PLUMBING NOTES

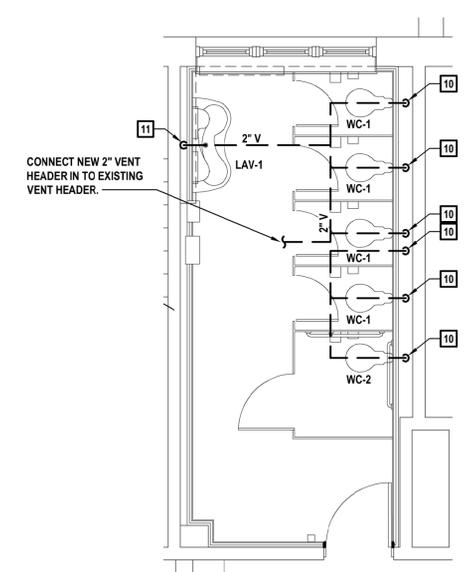
1. 4" SAN UP TO WATER CLOSET.
2. 2" SAN UP TO URINAL.
3. 2" SAN UP TO LAVATORY.
4. 2" SAN UP TO FLOOR DRAIN.
5. 2" VENT DROP.
6. 2" VENT UP.
7. 2" VENT DOWN. 4" SAN UP TO WATER CLOSET ON FLOOR ABOVE.
8. 2" VENT DOWN. 2" SAN UP TO URINAL ON FLOOR ABOVE.
9. 1-1/2" VENT DOWN. 2" SAN UP TO LAVATORY ON FLOOR ABOVE.
10. 2 VENT DOWN.
11. 1-1/2" VENT DOWN.



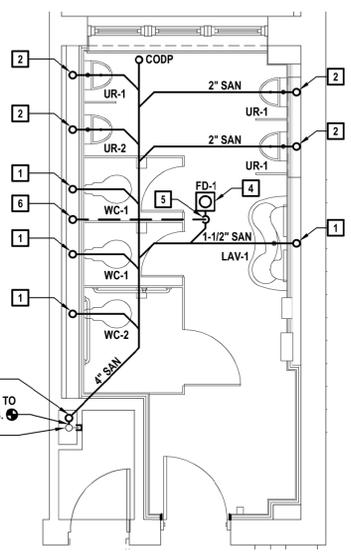
1 First Floor Girl's Bathroom Sanitary Underslab
SCALE: 1/4"=1'-0"



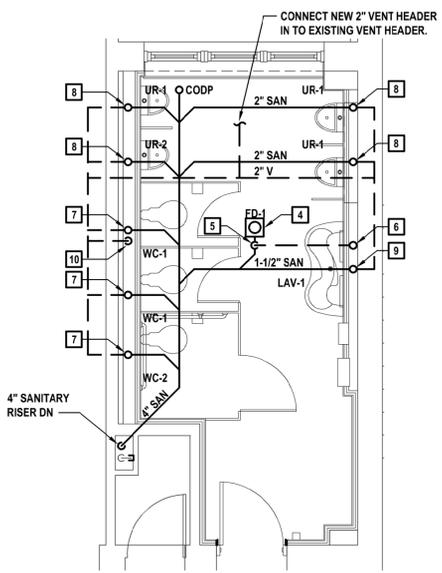
2 First Floor Girl's Bathroom Sanitary and Vent Plan
SCALE: 1/4"=1'-0"
NOTE: SANITARY PIPING ON THIS PLAN IS SERVING FIXTURES IN SECOND FLOOR BATHROOM.



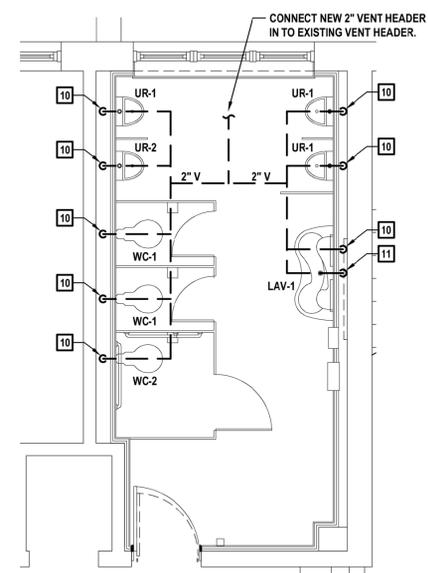
3 Second Floor Girl's Bathroom Sanitary and Vent Plan
SCALE: 1/4"=1'-0"



4 First Floor Boy's Bathroom Sanitary Underslab
SCALE: 1/4"=1'-0"



5 First Floor Boy's Bathroom Sanitary and Vent Plan
SCALE: 1/4"=1'-0"
NOTE: SANITARY PIPING ON THIS PLAN IS SERVING FIXTURES IN SECOND FLOOR BATHROOM.



6 Second Floor Boy's Bathroom Sanitary and Vent Plan
SCALE: 1/4"=1'-0"

X:\WPSD (White Plains Central School District) - 1089\WPSD 2007 - George Washington Toilet Room Renovations\03_BIM\CAD\Civil\03-01-2021-142pm\Plumbing Sanitary & Vent Proposed Enlargement Plans.dwg Last Modified: Nov 24, 2021 - 1:42pm Plotted on: Nov 24, 2021 - 1:45pm By: chloemmet

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.
- 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.
- 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.
- ALL MATERIAL SHALL BE UNDERWRITERS' LABORATORIES LISTED FOR ITS APPLICATION WHERE SUCH LISTING IS APPLICABLE.
- ALL EQUIPMENT SHALL BE AS INDICATED OR AS APPROVED BY THE ENGINEER.
- SUBMIT SHOP DRAWINGS, PRODUCT DATA SHEETS AND WIRING DIAGRAMS FOR ALL ELECTRICAL CONSTRUCTION MATERIALS, DEVICES, EQUIPMENT, APPLIANCES AND SYSTEMS.
- SUBMIT IN QUANTITY TO ALLOW DISTRIBUTION TO ARCHITECT (1), OWNER (2), ENGINEER (1), PRIME CONTRACTORS (1 EACH), AND CONTRACTOR'S OWN USE AS REQUIRED.
- 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.
- 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.
- 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.
- OBTAIN ALL PERMITS REQUIRED, HAVE THE WORK INSPECTED FOR CODE COMPLIANCE AND PAY ALL FEES FOR INSPECTION AND CERTIFICATION.
- MAKE THE NECESSARY ARRANGEMENTS, AND PAY ALL COSTS, FOR TEMPORARY AND/OR PERMANENT ELECTRIC SERVICE FOR THE PROJECT.
- PROVIDE ADEQUATE TEMPORARY ELECTRICAL LIGHT AND POWER FOR THE PROJECT WORK OF ALL TRADES.
- EXACT LOCATION OF EQUIPMENT SHALL BE COORDINATED IN THE FIELD.
- REFER TO APPROVED REFLECTED CEILING PLANS FOR EXACT LIGHTING LAYOUTS.
- REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER TRADES FOR EQUIPMENT LOCATIONS AND CONTROLS.
- GROUNDING AND BONDING SHALL MEET NEC AND EQUIPMENT / SYSTEM MANUFACTURER'S REQUIREMENTS.
- 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.
- 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.
- 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.
- 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. "SPECSSEAL" SERIES LCI FOR SLEEVED PENETRATIONS (U. L. SYSTEM #C-AJ-1028; F = 3, T = 0) AND "SPECSSEAL" 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 814.
- 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 NY STATE BUILDING CODE. ALL CONDUITS IN THE SPACE BELOW THE FOUNDATION FLOOR WHICH PENETRATE THESE BARRIERS SHALL HAVE THREADED OR SOLVENTED FITTINGS.
- 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.
- EXPOSED RACEWAY, IF PERMITTED, SHALL BE RUN TRUE, PLUMB AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. EMT WITH RAIN-TIGHT 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.
- ALL WIRING SHALL BE COPPER CONDUCTOR WITH 600 VOLTS INSULATION IN METAL RACEWAY WITH APPROVED FITTINGS UNLESS OTHERWISE INDICATED.
- FEEDERS AND BRANCH CIRCUITS UNDERGROUND IN RACEWAY: TYPE THHN-THWN 90 DEGREE C
- INTERIOR FEEDERS AND BRANCH CIRCUITS IN RACEWAY: TYPE THHN 90 DEGREE C.
- UNDERGROUND DIRECT BURIAL BRANCH CIRCUITS BEYOND BUILDING: TYPE UF, 75 DEGREE C.
- BRANCH CIRCUIT HOMERUNS TO FIRST OUTLET: TYPE THHN IN RACEWAY. AFTER THE FIRST OUTLET BOX, APPROVED CABLE MAY BE USED.
- 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 WIRING, STRANDED CONDUCTOR.
- 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 CEILING, FIXTURE CONNECTIONS AND ELSEWHERE AS PERMITTED BY THE NEC AND THE ENGINEER.

- 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 FPLP OR FPLP FOR LOW VOLTAGE CIRCUITS IN NON AIR-HANDLING SPACES; AND #14 AWG FPLP FOR LOW VOLTAGE CIRCUITS IN AIR-HANDLING APPLICATIONS.
- 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.
- 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.
- 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.
- 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.
- BRANCH CIRCUIT AND FEEDER TAPS SHALL BE FULL CIRCUIT SIZE UP TO THEIR OVERCURRENT PROTECTION DEVICE.
- 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.
- STRANDED WIRING CONDUCTORS SHALL BE MADE UP TO SCREW TERMINALS WITH 3M, T&B OR PANDUIT LOCKING FORK CRIMP TERMINALS WITH NYLON INSULATED GRIPS.
- WIRE EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES (UNIT EQUIPMENT) TO LOCAL AREA LIGHTING CIRCUIT SERVING THE RESPECTIVE AREA AHEAD OF SWITCH / DIMMER CONTROL.
- 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 OWNER.
- 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
- 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.
- INSTALL MOTOR STARTERS, CONTROLLERS OR COMBINATION STARTERS FURNISHED FOR EACH MOTOR OR EQUIPMENT BY OTHERS. LOCATE AS DIRECTED IN THE FIELD.
- 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.
- ROUTE RACEWAYS THROUGH ROOF USING DEDICATED ROOF JACKS OR PITCH POCKETS. RUN RACEWAY ON ROOF ON DEDICATED ROOF SUPPORTS EIGHT INCHES HIGH MINIMUM.
- 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.
- 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.
- 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 CEILING USED AS A PLENUM FOR THE RETURN OF ENVIRONMENTAL AIR.
- DEMONSTRATE PRODUCT CAPABILITY AND COMPLIANCE WITH REQUIREMENTS OF ALL ELECTRICAL DEVICES, EQUIPMENT AND SYSTEMS.
- PERFORM MANUFACTURER'S RECOMMENDED TESTS AND SUBMIT RESULTS.
- VERIFY PROPER ROTATION OF ALL ROTATING ELECTRICAL MACHINERY.
- 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.
- PROVIDE TWO SETS OF OPERATION AND MAINTENANCE MANUALS, BOUND AND INDEXED, WITH INSTRUCTIONS FOR ALL ELECTRICAL DEVICES, EQUIPMENT, APPLIANCES AND SYSTEMS.
- 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.
- DELIVER CERTIFICATES OF ELECTRICAL AND OTHER INSPECTIONS, OR COPIES THEREOF, TO THE OWNER AT THE COMPLETION OF THE PROJECT WITH COPIES TO THE ENGINEER.
- 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.
- 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.

SINGLE LINE DIAGRAM LEGEND		
SYMBOL	DESCRIPTION	COMMENTS
	LINE VOLTAGE THERMOSTAT, 120V, 10A.	
	CIRCUIT BREAKER WITH TRIP AND POLES AS NOTED; 100 AMP FRAME, 100 AMP TRIP.	
	TRANSFER SWITCH 'TS1'; SEE TRANSFER SWITCH SCHEDULE.	
	DISTRIBUTION PANEL P1 WITH 30A, 2 POLE M.C.B.; SEE DISTRIBUTION PANEL SCHEDULE.	
	UNFUSED DISCONNECT SWITCH DS1, 100 AMP; SEE DISCONNECT SWITCH SCHEDULE.	
	FUSED DISCONNECT SWITCH 'DS1', FUSED AT 100 AMP SIZE, 100 AMP FUSED, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
	GENERATOR SET 'G'	
	ELECTRIC METER AND METER PAN AS PER PSEG REQUIREMENTS.	
	MOTOR, NUMBER INDICATES HORSEPOWER.	
	CURRENT TRANSFORMERS.	
	VOLTAGE TRANSFORMERS.	
	UNINTERRUPTIBLE POWER SUPPLY	
	TRANSFORMER T2' WITH SIZE, PRIMARY AND SECONDARY VOLTAGES AS NOTED.	
	CONTROL CIRCUIT; MIN 2 #12 AWG IN 3/4" E.C.	

ELECTRICAL LEGENDS		
SYMBOL	DESCRIPTION	COMMENTS
	SINGLE POLE TOGGLE SWITCH: 120V, 20A	46" AFF TO CL UON
	THREE - WAY SWITCH: 120V, 20A	46" AFF TO CL UON
	SINGLE POLE DIMMER SWITCH	46" AFF TO CL UON
	SINGLE POLE KEY SWITCH: 120V, 20A	46" AFF TO CL UON
	LIGHTING CONTROLS TOUCHPAD	46" AFF TO CL UON
	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	
	LIGHTING CONTROL RELAY POWER PACK	
	DUPLEX RECEPTACLE: 120V, 20A.	FLUSH
	DUPLEX RECEPTACLE: 120V, 20A. MOUNTED 6" ABOVE COUNTER	FLUSH
	QUAD RECEPTACLE: 120V, 20A.	FLUSH
	FIRE ALARM MANUAL PULL STATION	46" AFF
	FIRE ALARM SMOKE DETECTOR	
	FIRE ALARM HEAT DETECTOR	
	FIRE ALARM HEAT DETECTOR - MOUNTED ABOVE CEILING	
	FIRE ALARM HORN / STROBE	80" - 96" AFF
	FIRE ALARM STROBE	80" - 96" AFF
	GFCI RECEPTACLE: 120V, 20A.	
	HAND DRYER	
	ELECTRICAL PANEL, RECESSED; SEE PANEL SCHEDULE.	
	ELECTRICAL PANEL, SURFACE MOUNT; SEE PANEL SCHEDULE.	
	CONDUIT GOING UP.	
	CONDUIT GOING DOWN.	
	LIGHT FIXTURE	
	LIGHT FIXTURE WITH EMERGENCY BATTERY PACK	
	"HALO" SMART SENSOR DETECTOR	
	SECONDARY SERVER RACK	

LIGHTING FIXTURE SCHEDULE								
SYMBOL	TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMPS	VOLTAGE	FIXTURE WATTAGE
		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
NOTES:					EMERGENCY TYPE LEGEND:			
1. VERIFY CEILING TYPE AND OPERATING VOLTAGE BEFORE ORDERING LIGHTING FIXTURES. COORDINATE COMPATIBILITY OF FIXTURES WITH BUILDING CONSTRUCTION FOR AVAILABLE SPACE, CLEARANCE, ACCESSIBILITY, ETC.					FIXTURES HALF SHADED SHALL INCLUDE AN INTEGRAL OR REMOTE EMERGENCY BATTERY PACK TO PROVIDE A MINIMUM OF 90 MINUTES OF EMERGENCY LIGHTING.			
2. 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 AN ALTERNATE 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.								

LIST OF DRAWINGS	
E 001.00	GENERAL NOTES AND LEGENDS
ED 101.00	DEMOLITION PLAN PART. FIRST FLOOR
ED 102.00	DEMOLITION PLAN PART. SECOND FLOOR
E 101.00	ELECTRICAL PLANS PART. FIRST FLOOR
E 102.00	ELECTRICAL PLANS PART. SECOND FLOOR
E 500.00	ELECTRICAL DETAILS

SITE PLAN LEGEND	
	CURB
	UTILITY POWER/TELEPHONE POLE
	EXISTING NATURAL GAS SERVICE
	EXISTING SEWER SERVICE
	EXISTING WATER SERVICE
	EXISTING TELEPHONE SERVICE
	NEW TELEPHONE SERVICE
	EXISTING ELECTRICAL LINES
	NEW ELECTRICAL LINES
	EXISTING PRIMARY ELECTRIC SERVICE
	NEW PRIMARY ELECTRIC SERVICE
	EXISTING OVERHEAD ELECTRIC LINES
	EXISTING FENCE
	ELECTRIC PULL BOX
	HANDHOLE
	TRANSFORMER

SYMBOLS LEGEND	
	ROOM DESIGNATION
	BUILDING SECTION CUT
	WALL SECTION CUT
	DETAIL KEY
	ELEVATION KEY
	COLUMN GRID
	ELEVATION LINE
	DRAWING TITLE
	INTERIOR ELEVATION REFERENCE
	SEE NOTE # ON DWG

ABBREVIATIONS		
ABBREVIATION	DESCRIPTION	COMMENTS
AFF	ABOVE FINISHED FLOOR	
AFC	ABOVE FINISHED CEILING	
AFCI	ARC FAULT CIRCUIT INTERRUPTER	
AFG	ABOVE FINISHED GRADE	
AHJ	AUTHORITY HAVING JURISDICTION	
AMP, A	AMPERE	
ATS	AUTOMATIC TRANSFER SWITCH; SEE TRANSFER SWITCH SCHEDULE	
AWG	AMERICAN WIRE GAUGE	
BFC	BELOW FINISHED CEILING	
CL	CENTERLINE	
CT	COUNTER TOP	
EC	ELECTRICAL CONDUIT	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	
GFI	GROUND FAULT INDICATOR	
GND	GROUND	
PSEG	PUBLIC SERVICE ELECTRIC AND GAS COMPANY (LOCAL ELECTRIC UTILITY)	
MCB	MAIN CIRCUIT BREAKER	
MLO	MAIN LUGS ONLY	
NTS	NOT TO SCALE	
TYP	TYPICAL	
UON	UNLESS OTHERWISE NOTED	
UC	UNDER COUNTER	
V	VOLT	
VAC	VOLTS ALTERNATING CURRENT	
VDC	VOLTS DIRECT CURRENT	
X-FMR	TRANSFORMER	
WP	WEATHERPROOF	

H

2

architects

+

M

engineers

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MARK	DATE	DESCRIPTION
	11-03-21	FINAL BID SET

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

PROJECT NO.: WPSD 2007 DATE: NOVEMBER 2021 SCALE: AS SHOWN

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School

100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT

CONTRACT G

GENERAL CONSTRUCTION

STATUS

FINAL BID DOCUMENT

SHEET TITLE

GENERAL NOTES AND LEGENDS

E 001.00

X:\WPSD White Plains Central School District - 10991\WPSD 2007 - George Washington Toilet Room Renovations\02-BIM\CADD\Concocted\02-E 001.00 - General Notes and Legends.dwg Last Modified: Nov-02-2021 11:00am By: JRemmen

CONSULTANTS:

MARK	DATE	DESCRIPTION
	11-03-21	FINAL BID SET



DESIGNED BY: SRF	DRAWN BY: SRF	CHECKED BY:	REVIEWED BY:
PROJECT NO.: WPSD 2007	DATE: NOVEMBER 2021	SCALE: AS SHOWN	

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CONTRACT
**CONTRACT G
GENERAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**DEMOLITION PLAN
PART. SECOND FLOOR**

DRAWING No.
ED 102.00

DEMOLITION GENERAL NOTES:

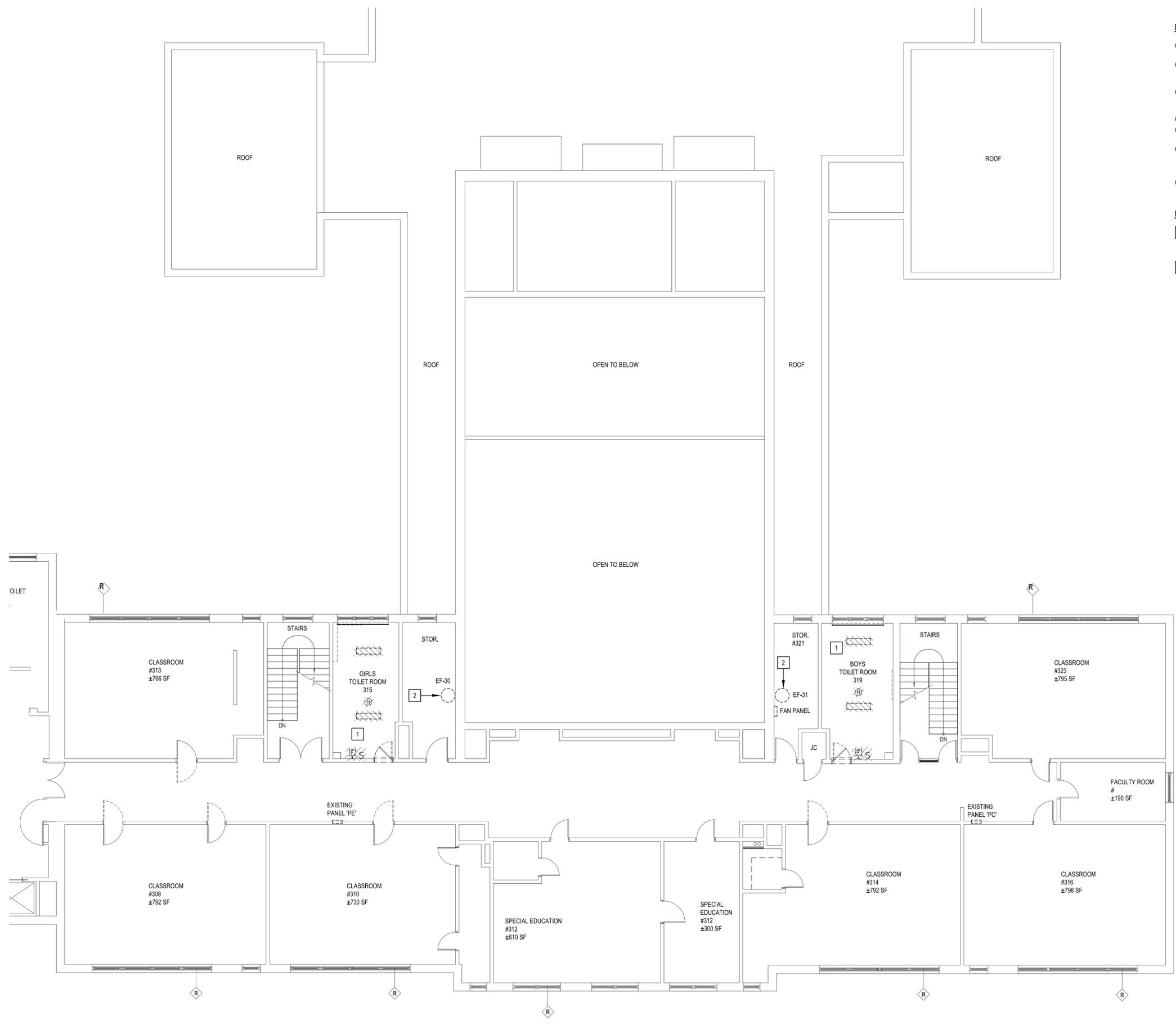
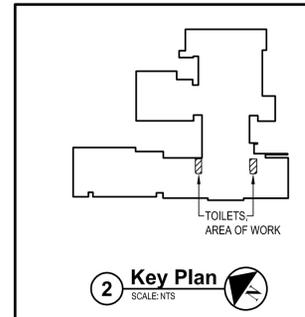
- G1. REMOVE AND DISPOSE OF INCLUDES REMOVAL OF ITEM IDENTIFIED INCLUDING ALL CONDUITS, WIRES, AND CABLES, BACK TO SOURCE UNLESS OTHERWISE NOTED.
- G2. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/OR DISPOSAL 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 DASHED ARE EXISTING TO REMAIN.
- G5. EQUIPMENT AND DEVICES SHOWN DASHED AND CROSSHATCHED ARE EXISTING TO BE REMOVED, UNLESS OTHERWISE NOTED.
- G6. ALL EXISTING CONDUITS, SURFACE METAL RACEWAY, JUNCTION BOXES, ETC. AND WIRING THAT INTERFERES WITH THE BATHROOM RENOVATIONS SHALL BE REMOVED/RELOCATED OR RUN NEW ABOVE DROP CEILING AND SUPPORTED FROM STRUCTURE ABOVE.
- G7. REFER TO DRAWING E 001.00 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.

DEMOLITION KEY NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING WIRING DEVICES INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, SPEAKERS, FIRE ALARM DEVICES, SWITCHES, SENSORS, RECEPTACLES, AND FACEPLATES. EXISTING CIRCUIT(S) TO REMAIN AND BE RE-USED.
- 2 DISCONNECT EXISTING POWER FEED TO ROOF FAN.

LEGENDS

	REMOVE & DISPOSE OF
--	---------------------



1 Second Floor Part Plan
SCALE: 1/8"=1'-0"

X:\WPSD (White Plains Central School District) - 10991\WPSD 2007 - (George Washington Toilet Room Renovations)\02.89A.CADD\Concise\ED 102.00 Demolition Part - Second Floor.dwg Last Modified: Nov 02, 2021 - 10:57am Plotted on: Nov 02, 2021 - 10:58am By: jfleming

COPPER BRANCH CIRCUIT WIRE SIZING TABLES - 208V - 3% VOLTAGE DROP

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

NOTES:

- READ ACROSS TO THE RIGHT FROM C/B TRIP TO DESIRED VOLTAGE CHARACTERISTICS AND NEXT GREATER DISTANCE THAN CIRCUIT IN QUESTION.
- 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.
- 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	0
1 POLE DATA/ COMPUTER CIRCUIT	1	1	1
2 POLE CIRCUIT	2	1	0
3 POLE CIRCUIT	3	1	0
3 POLE MOTOR CIRCUIT DELTA	3	0	1
3 POLE MOTOR CIRCUIT WYE	3	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	1	0
TWO 1 POLE DATA/COMP. CIRCUIT HOMERUNS	2	1	1
THREE 1 POLE HOMERUNS	3	1	0
THREE 1 POLE DATA/COMP. CIRCUIT HOMERUNS	3	1	1

WIRE DERATING

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.

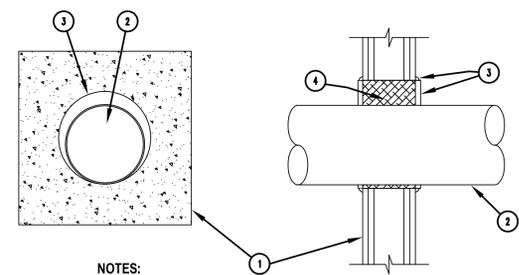
INDIVIDUAL NEUTRAL CONDUCTOR FOR COMBINED HOMERUNS FOR DATA / COMPUTER OUTLETS ARE CURRENT CARRYING CONDUCTORS.

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.

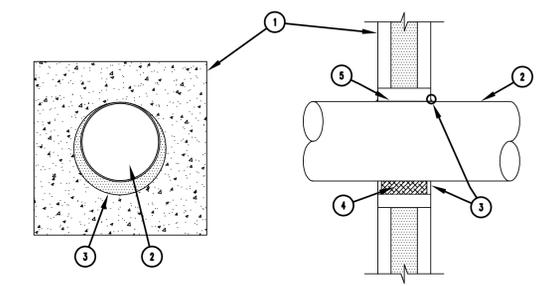
WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE	WIRE SIZE	NO. OF CONDUCTORS	MINIMUM CONDUIT SIZE
12	3	3/4"	8	3	3/4"
12	4	3/4"	8	4	3/4"
12	5	3/4"	8	5	3/4"
12	6	3/4"	8	6	1"
12	7	3/4"	8	7	1"
12	8	3/4"	8	8	1"
10	3	3/4"	6	3	3/4"
10	4	3/4"	6	4	3/4"
10	5	3/4"	6	5	1"
10	6	3/4"	6	6	1"
10	7	3/4"	6	7	1-1/4"
10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



- NOTES:**
- RATED GYPSUM WALL BOARD ASSEMBLY.
 - MAXIMUM 10" TRADE SIZE STEEL CONDUIT OR EMT.
 - 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

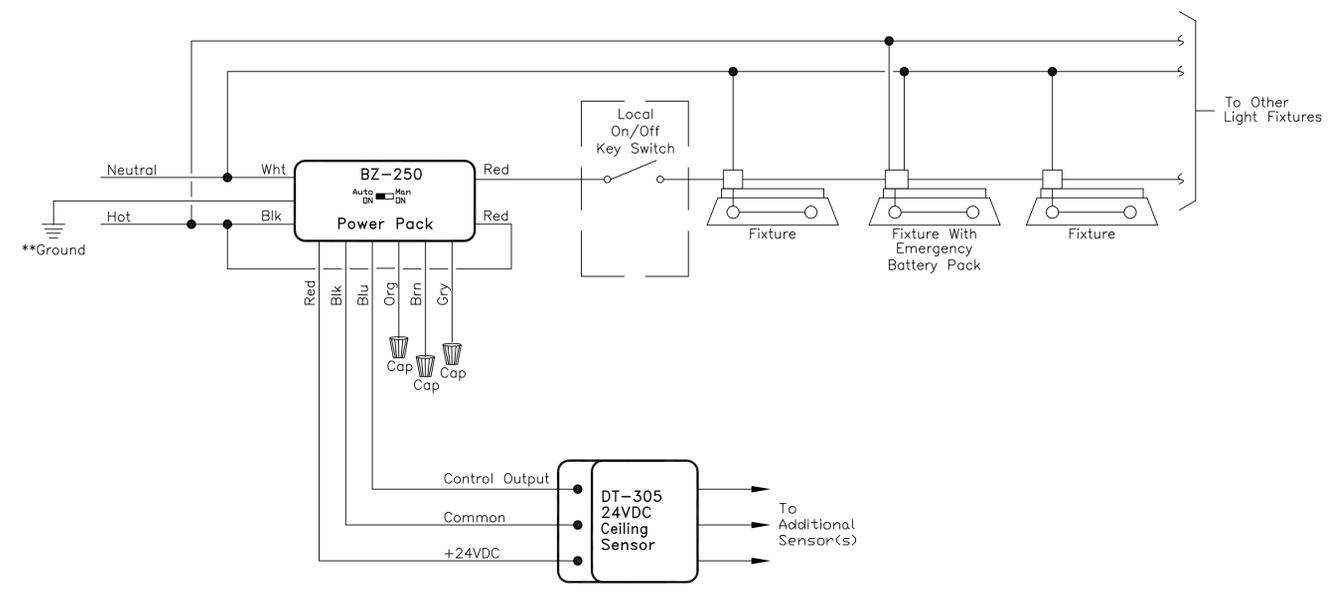
SCALE: NONE U.L. SYSTEM NUMBER WL-1054



- NOTES:**
- CONCRETE SLAB OR CONCRETE OVER STEEL DECK.
 - MAXIMUM 8" TRADE SIZE STEEL CONDUIT, ANNULUS RANGING FROM POINT CONTACT TO 1.4" MAXIMUM.
 - 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.
 - 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

SCALE: NONE U.L. SYSTEM NUMBER C-AJ-1150



1 Lighting Control Detail

SCALE: N.T.S.

- NOTES:**
- LIGHTING CONTROL DETAIL IS BASED ON EQUIPMENT FROM LEGRAND WATTSTOPPER.
 - WIRING OF THE LIGHTING CONTROL SYSTEM SHALL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 - OCCUPANCY SENSOR LAYOUT / SPACING COVERAGE SHALL HAVE A 20% OVERLAP.

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Purchase, NY 10577
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CONSULTANTS:

MARK	DATE	DESCRIPTION
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DESIGNED BY: SRF | DRAWN BY: SRF | CHECKED BY: | REVIEWED BY: |

PROJECT NO.: WPSD 2007 | DATE: NOVEMBER 2021 | SCALE: AS SHOWN

White Plains City School District

Toilet Room Renovations at the George Washington Elementary School

100 Orchard Street
White Plains NY, 10604

66-22-00-01-0-009-016

CONTRACT **CONTRACT G**
GENERAL CONSTRUCTION

STATUS **FINAL BID DOCUMENT**

SHEET TITLE **ELECTRICAL DETAILS**

DRAWING No. **E 500.00**