

White Plains City School District

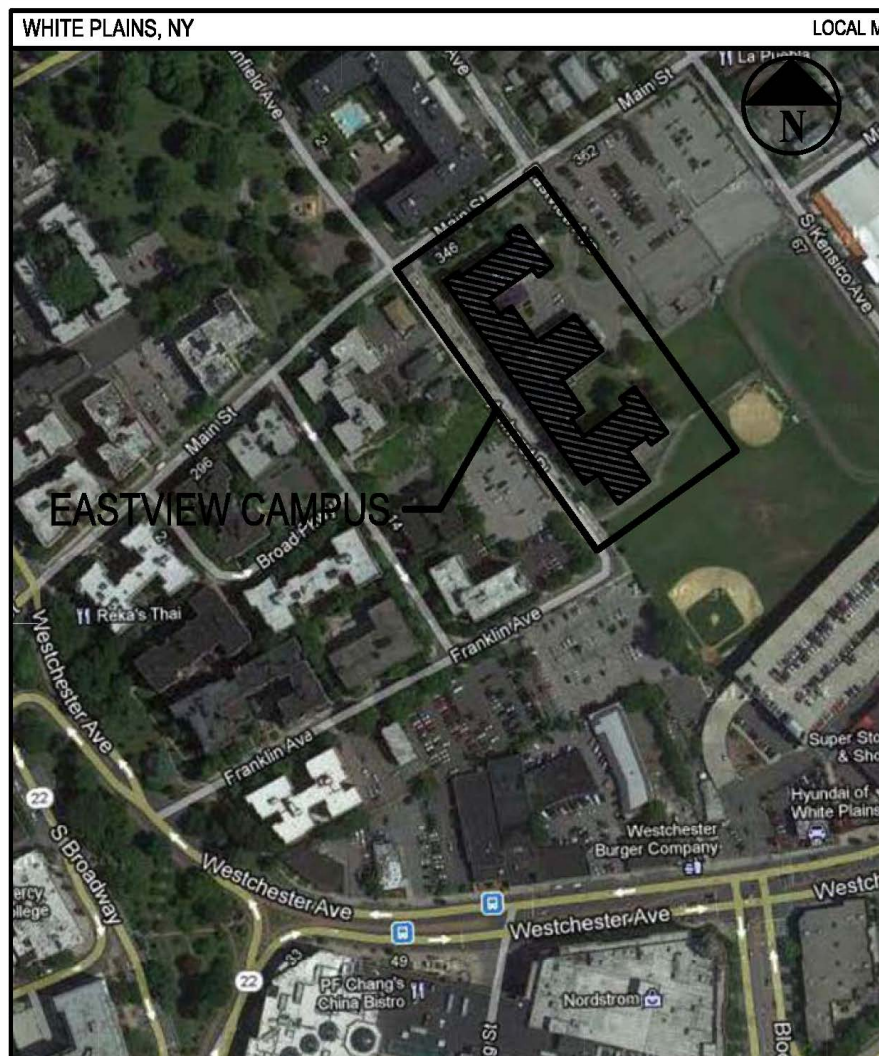
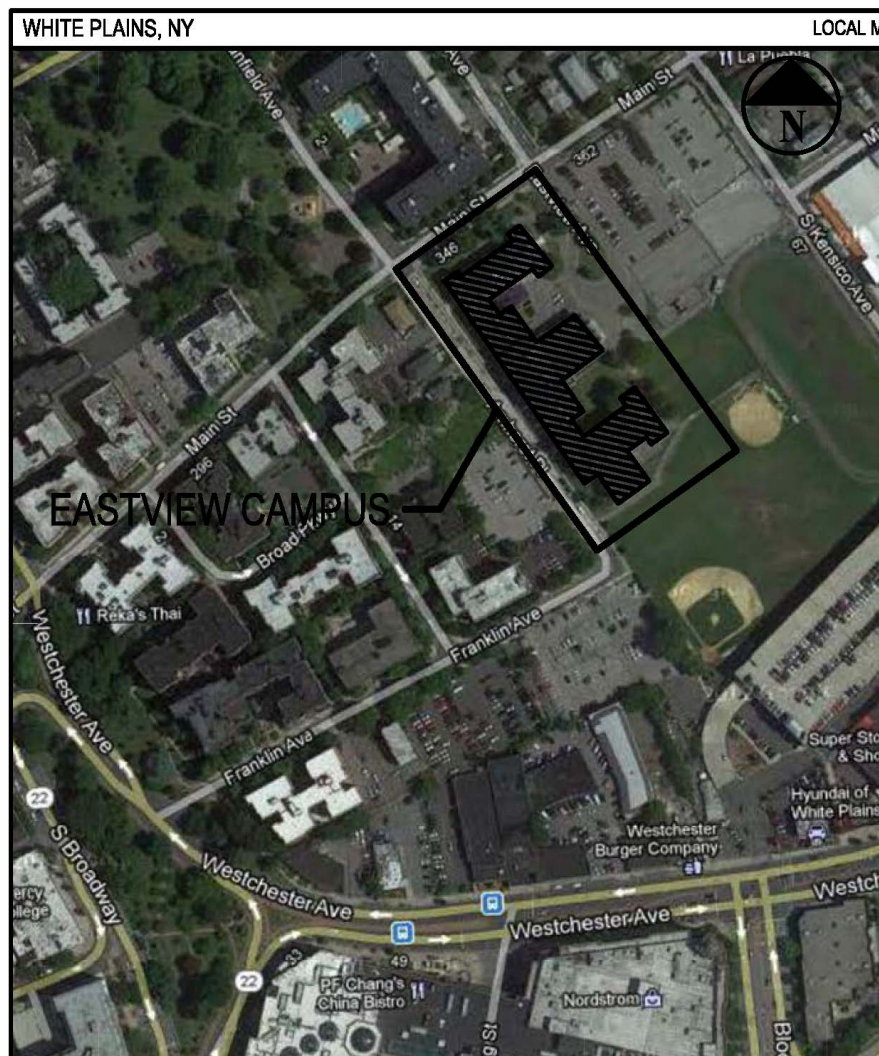
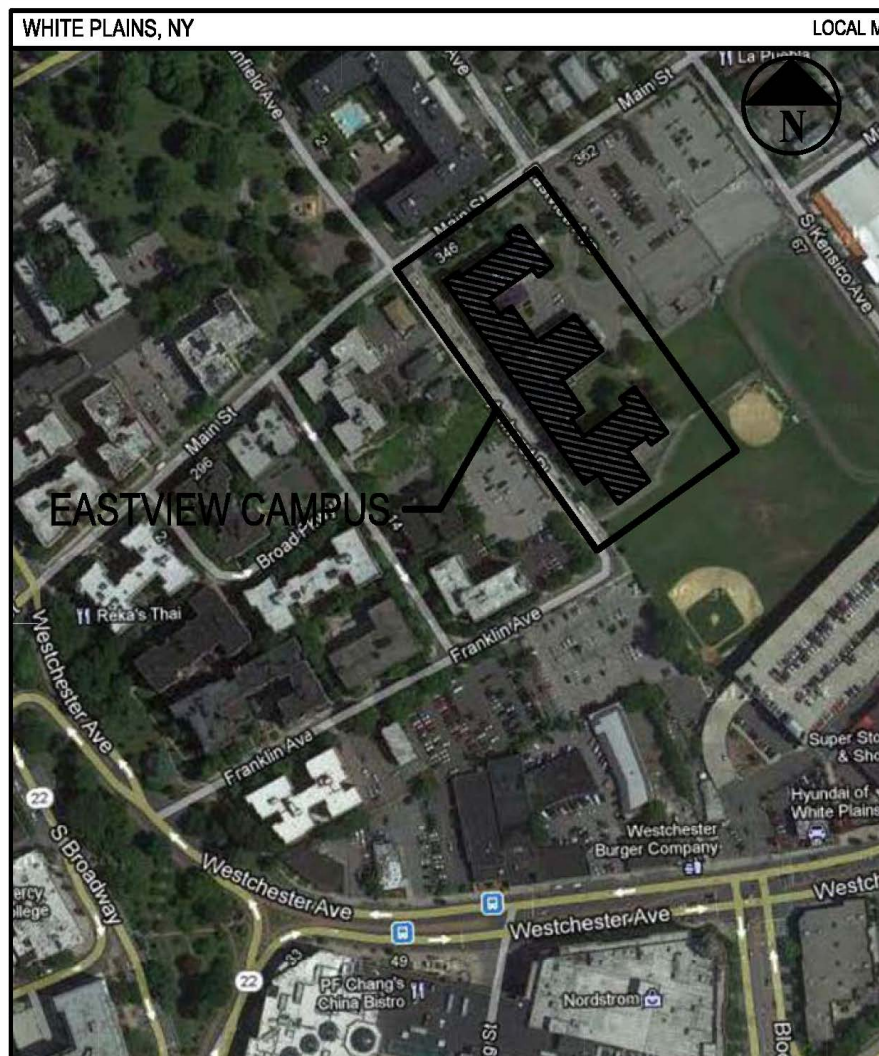
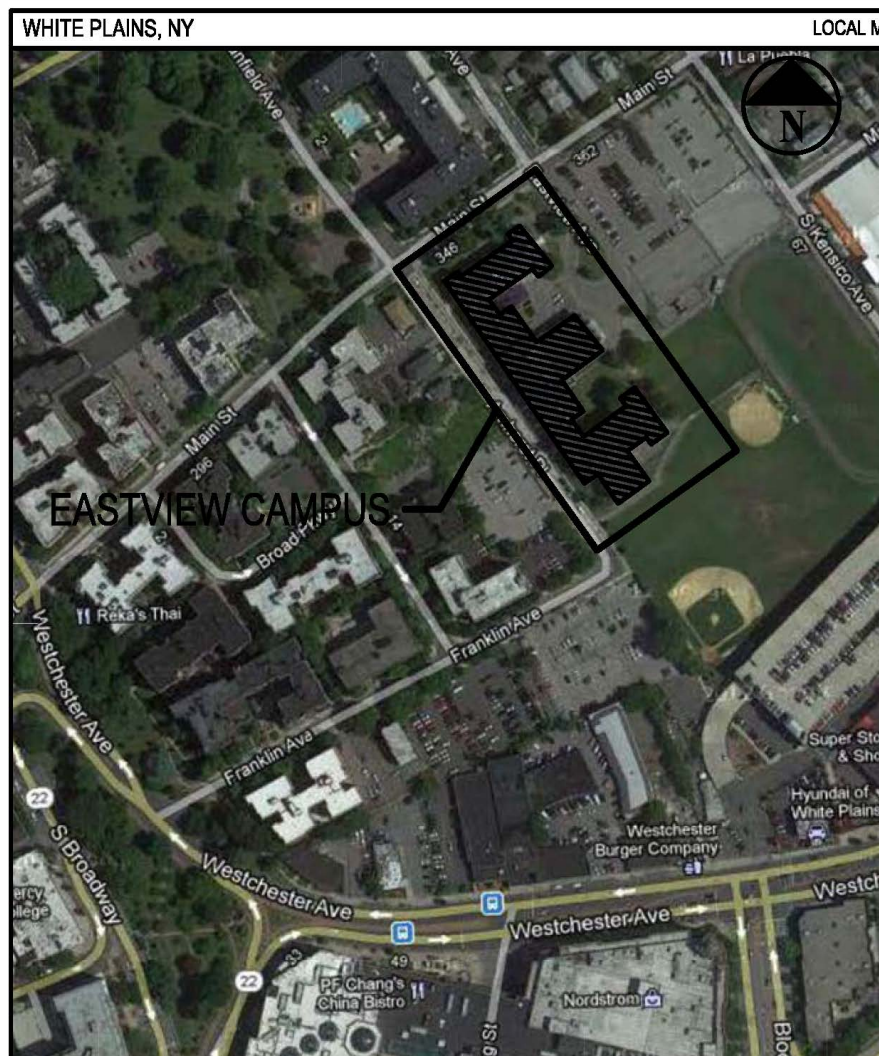
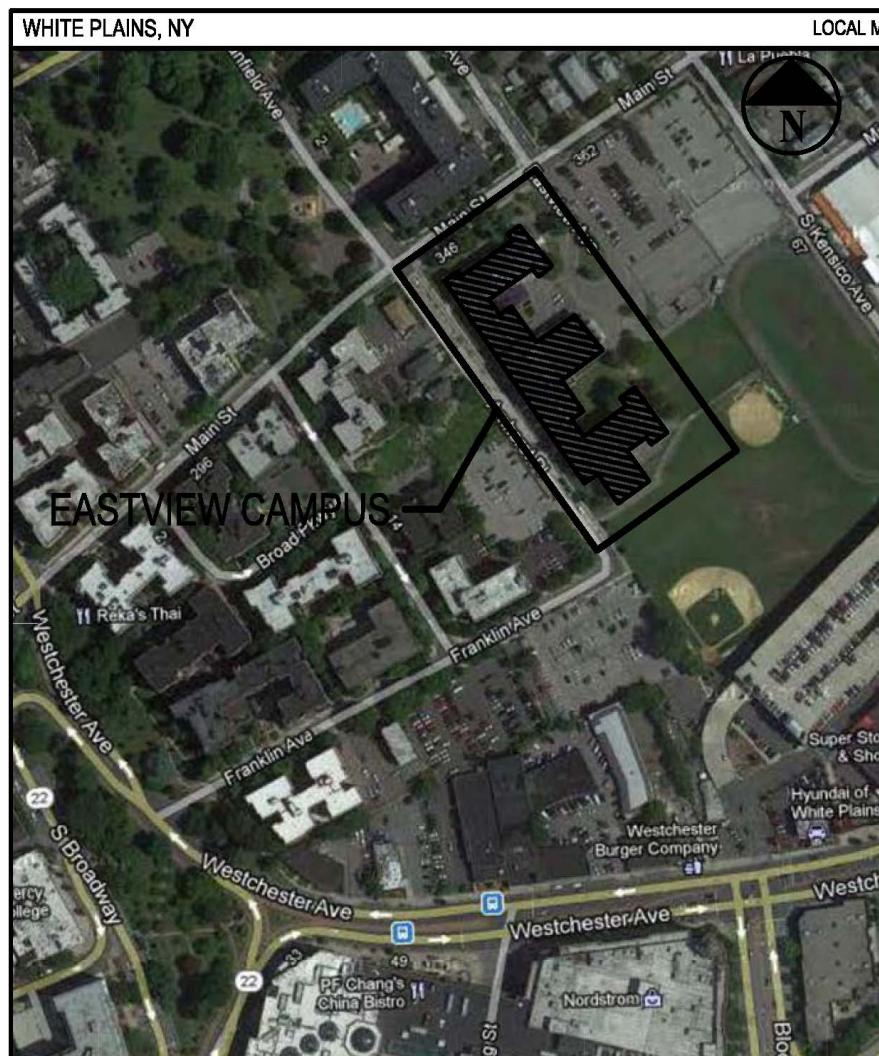
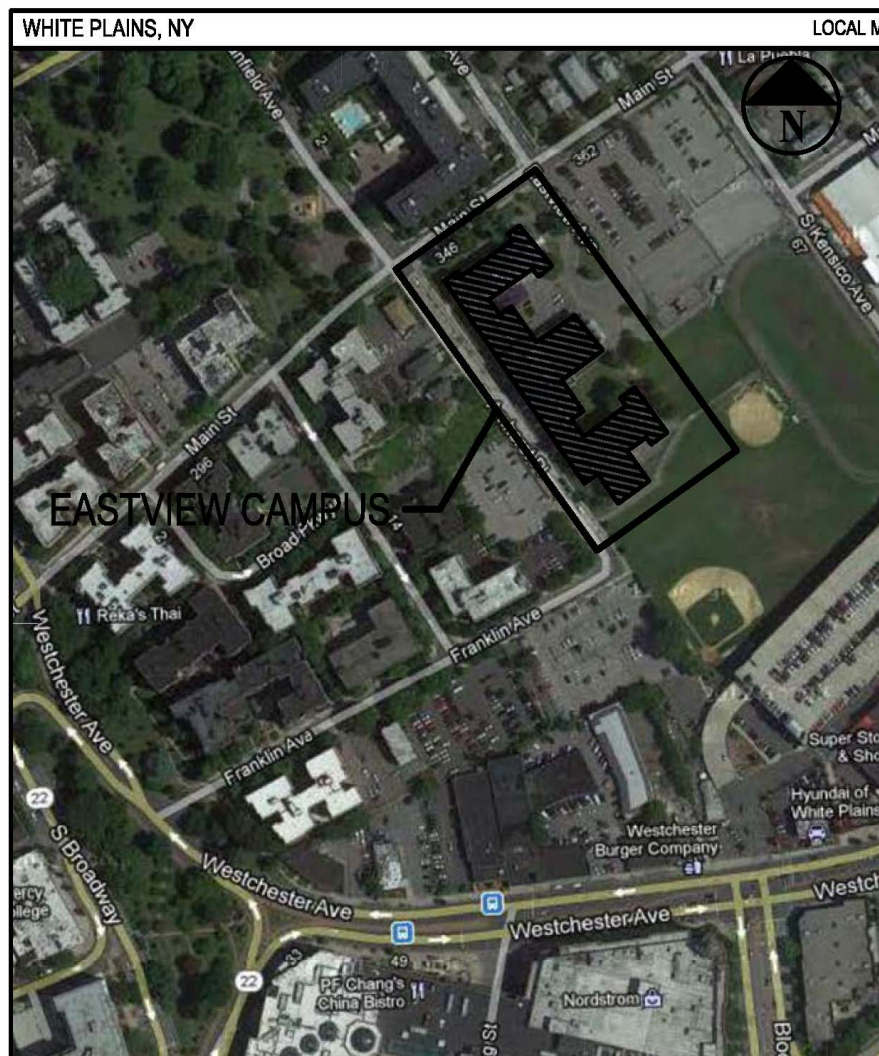
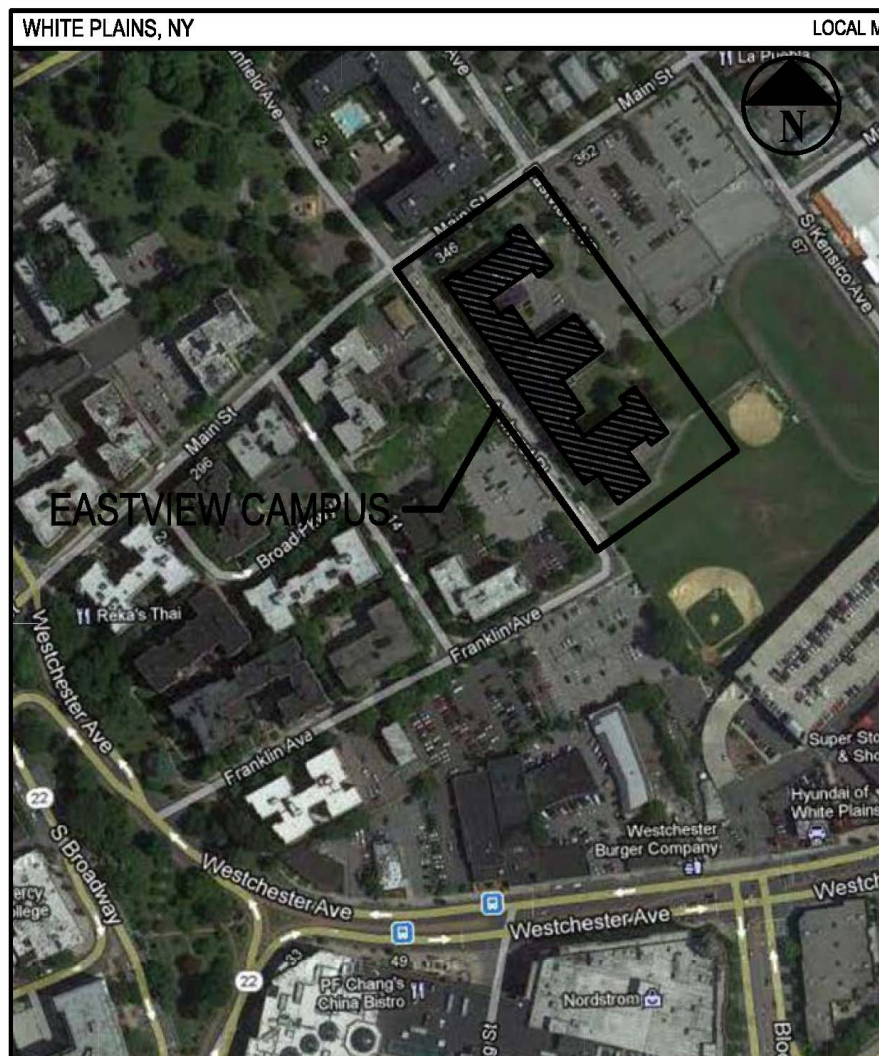
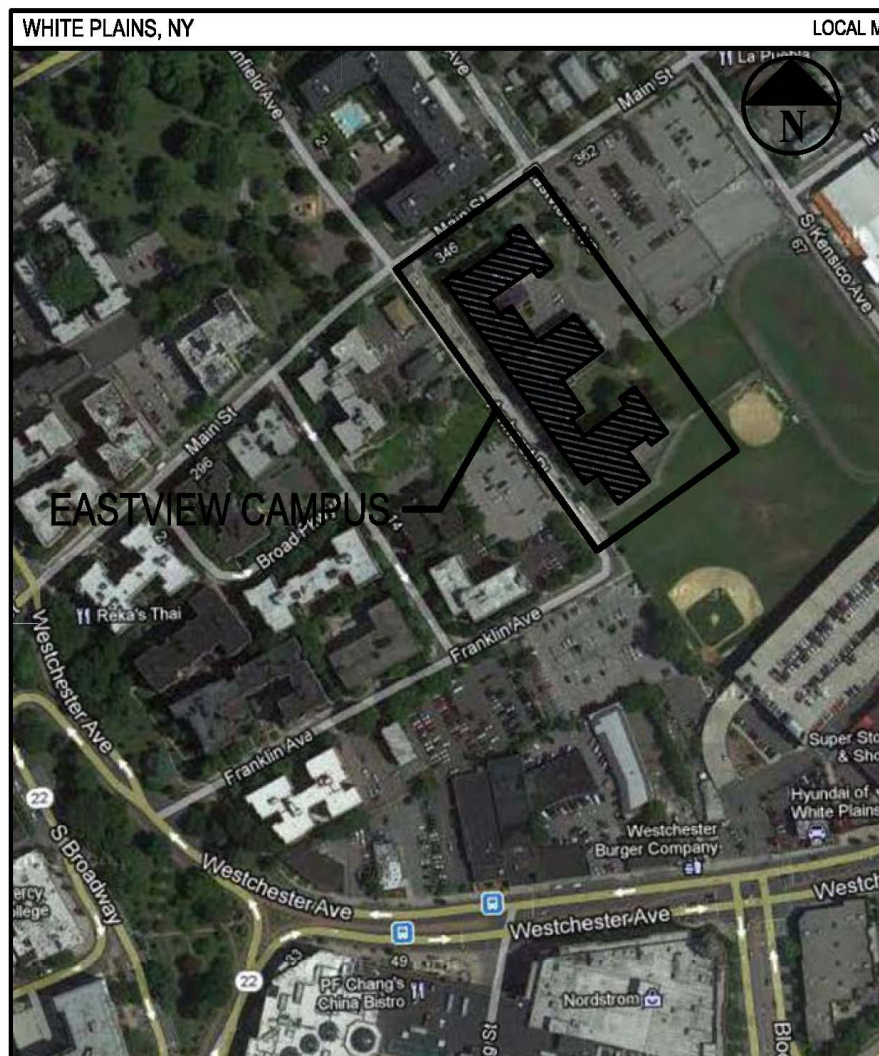
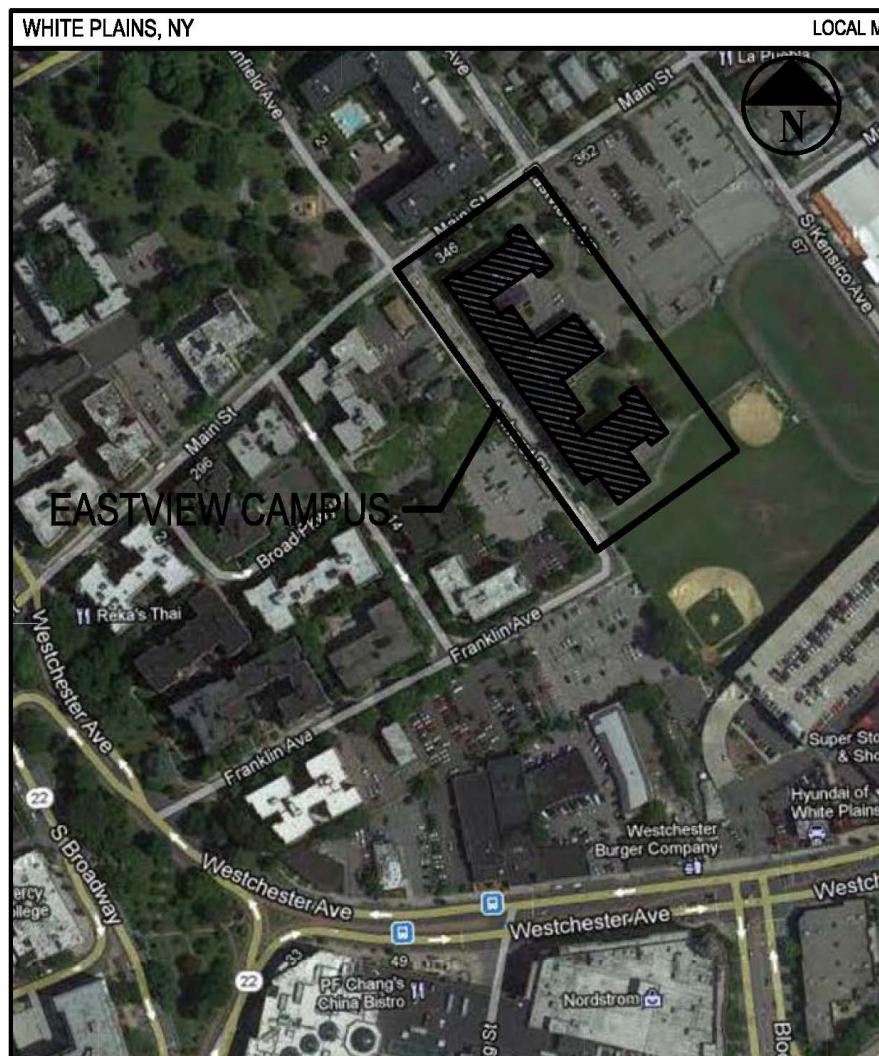
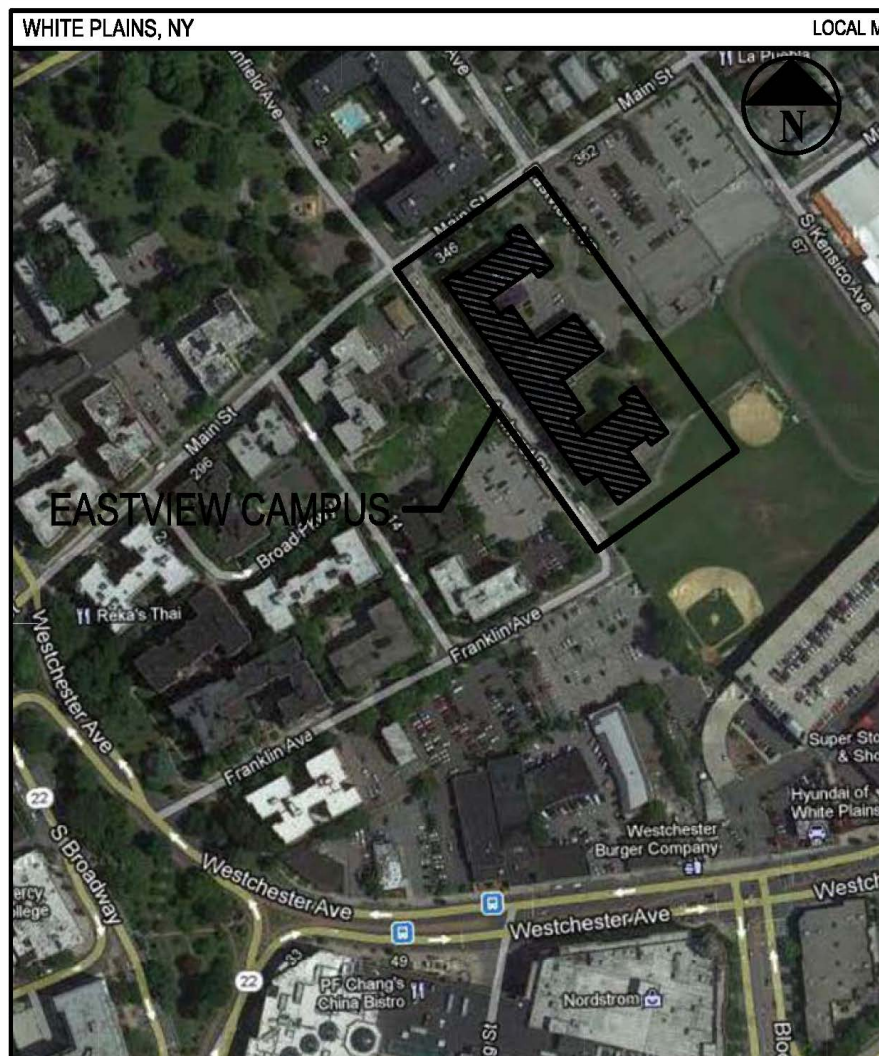
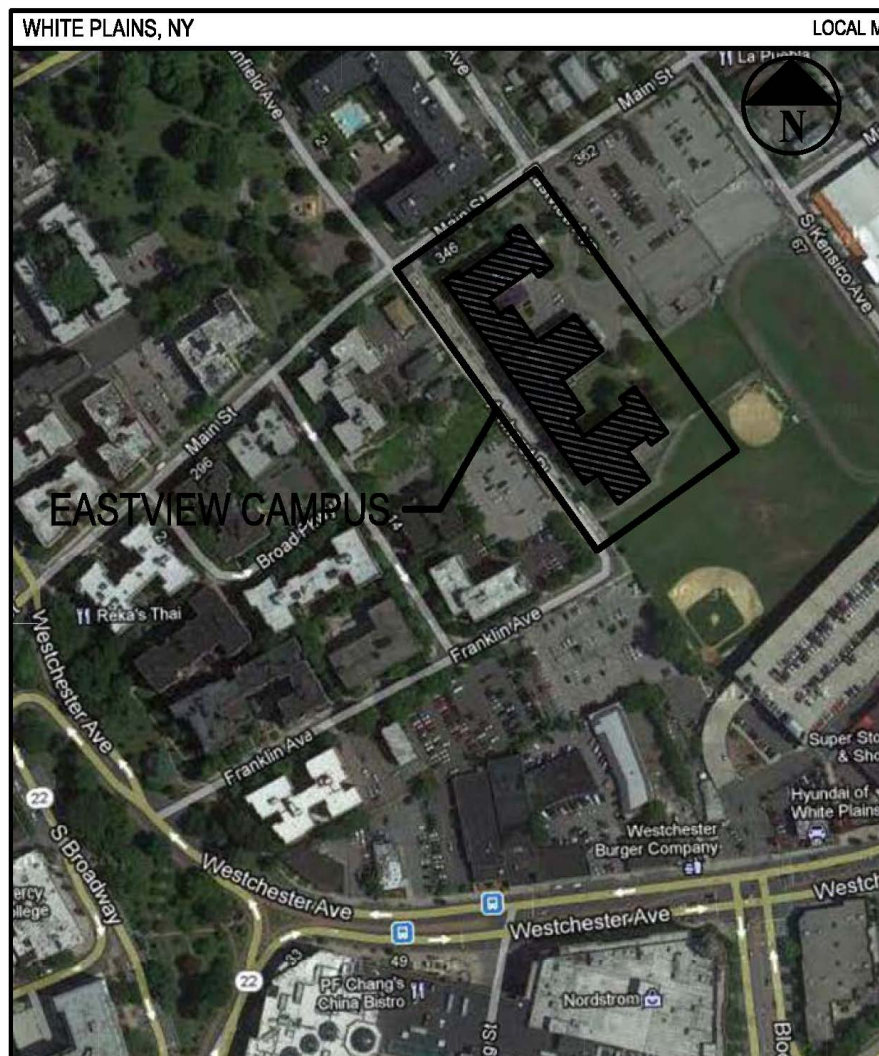
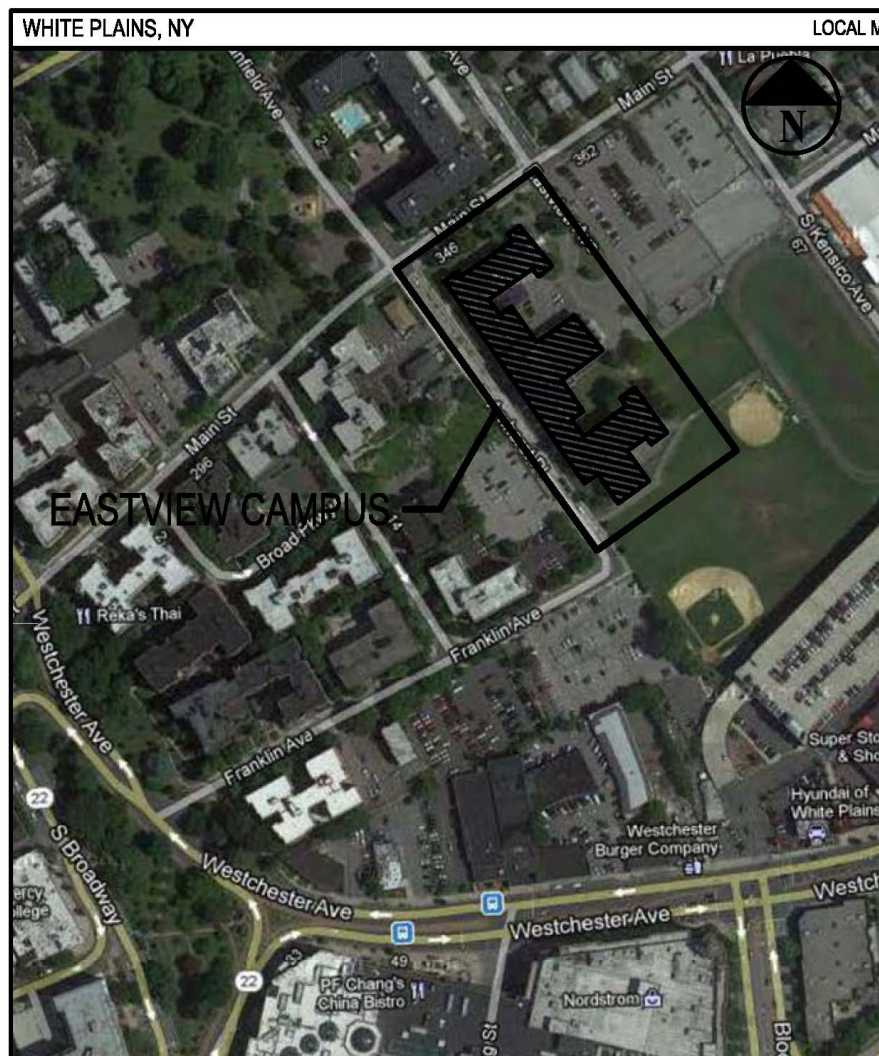
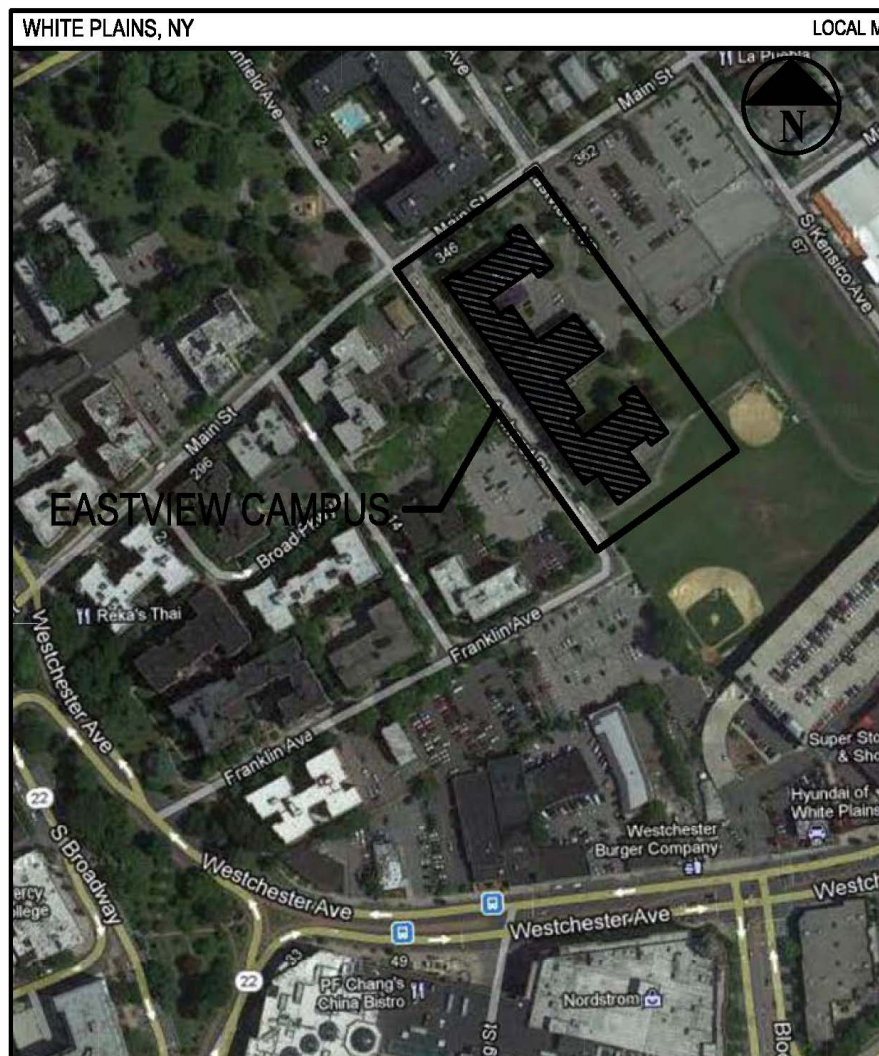
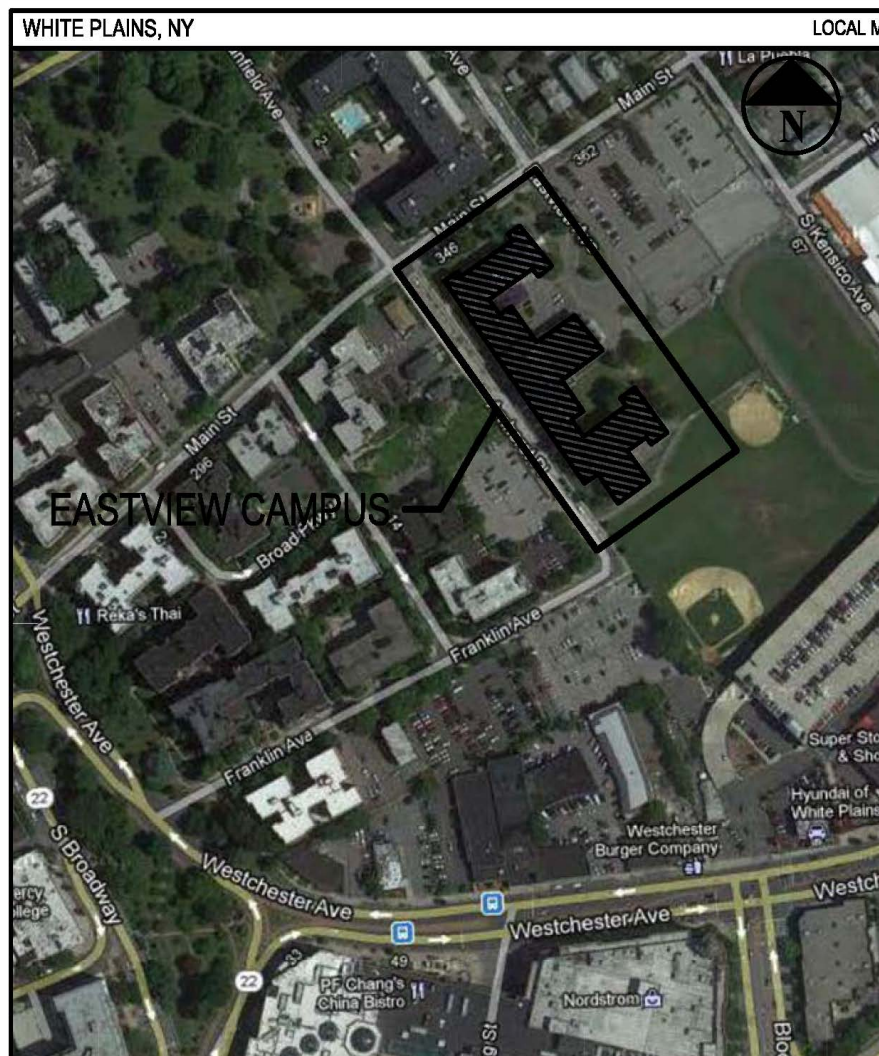
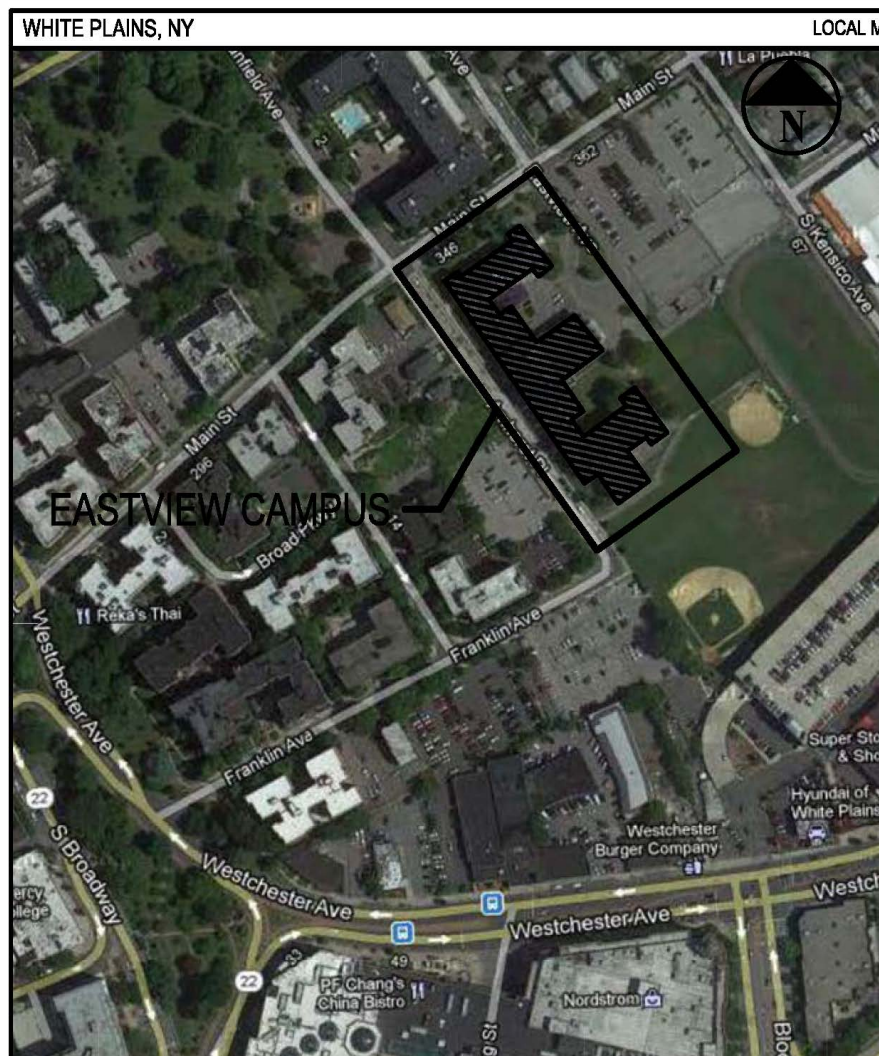
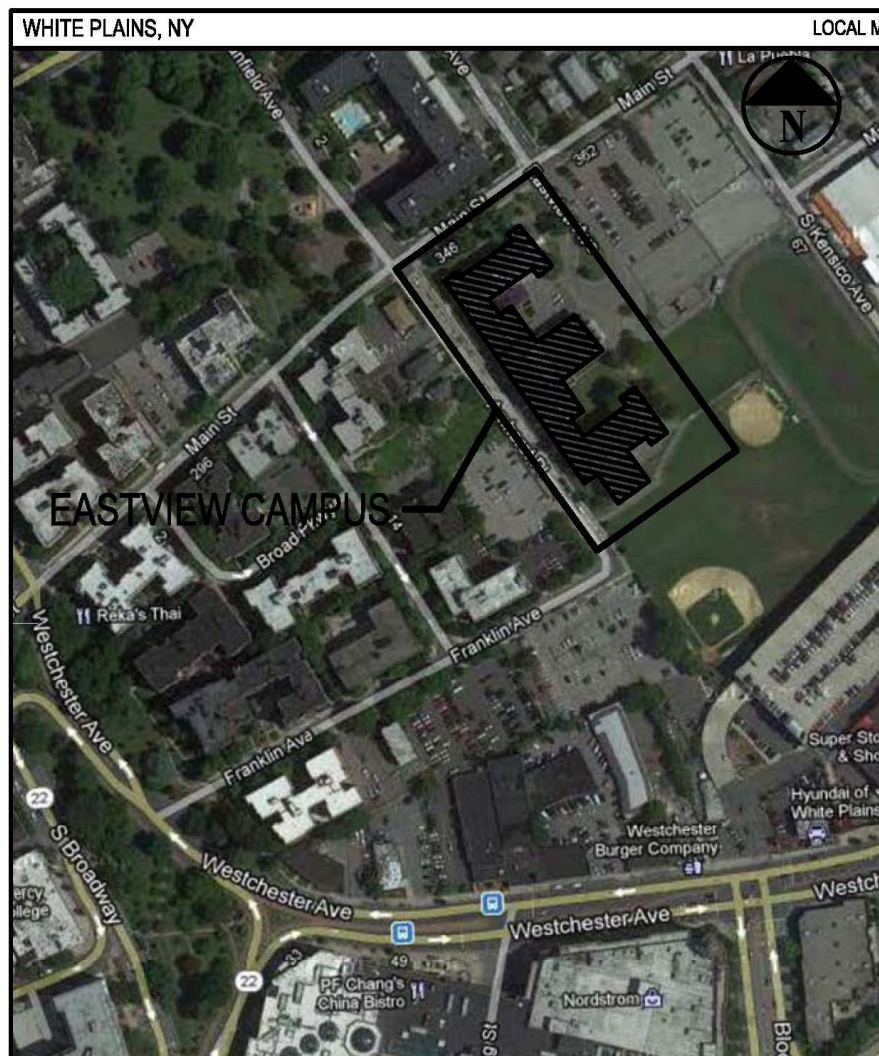
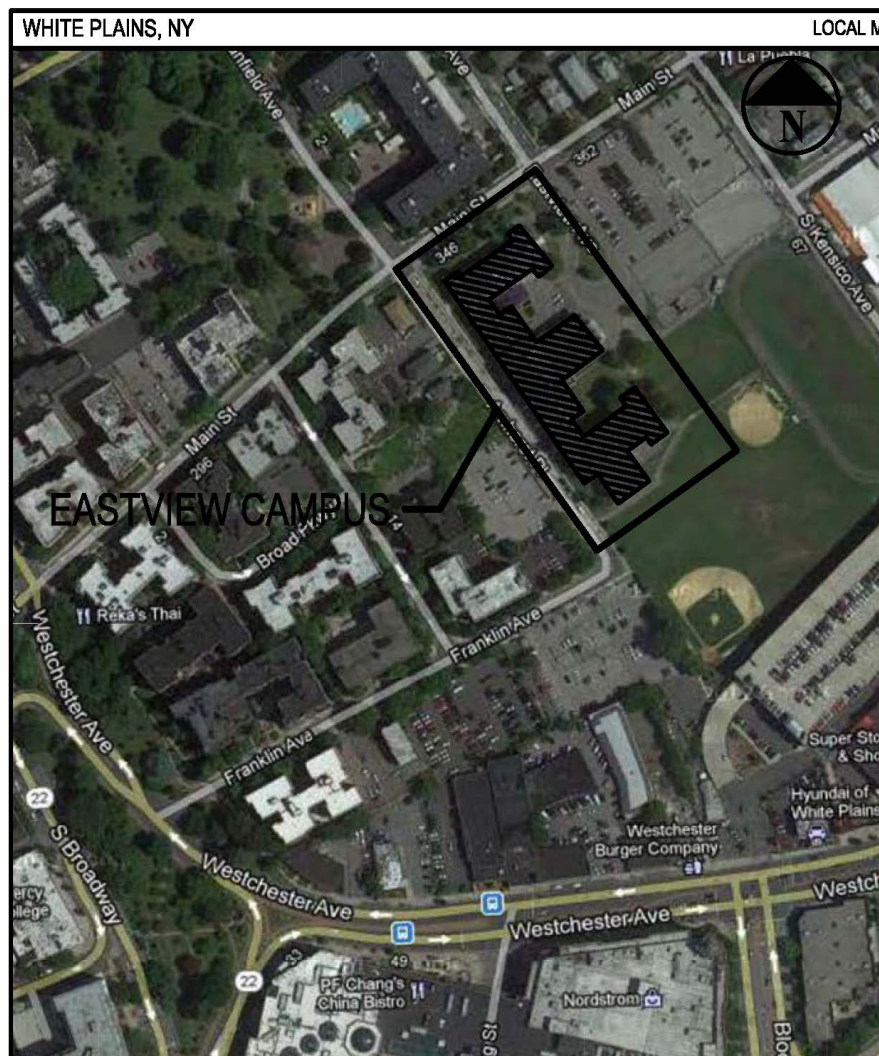
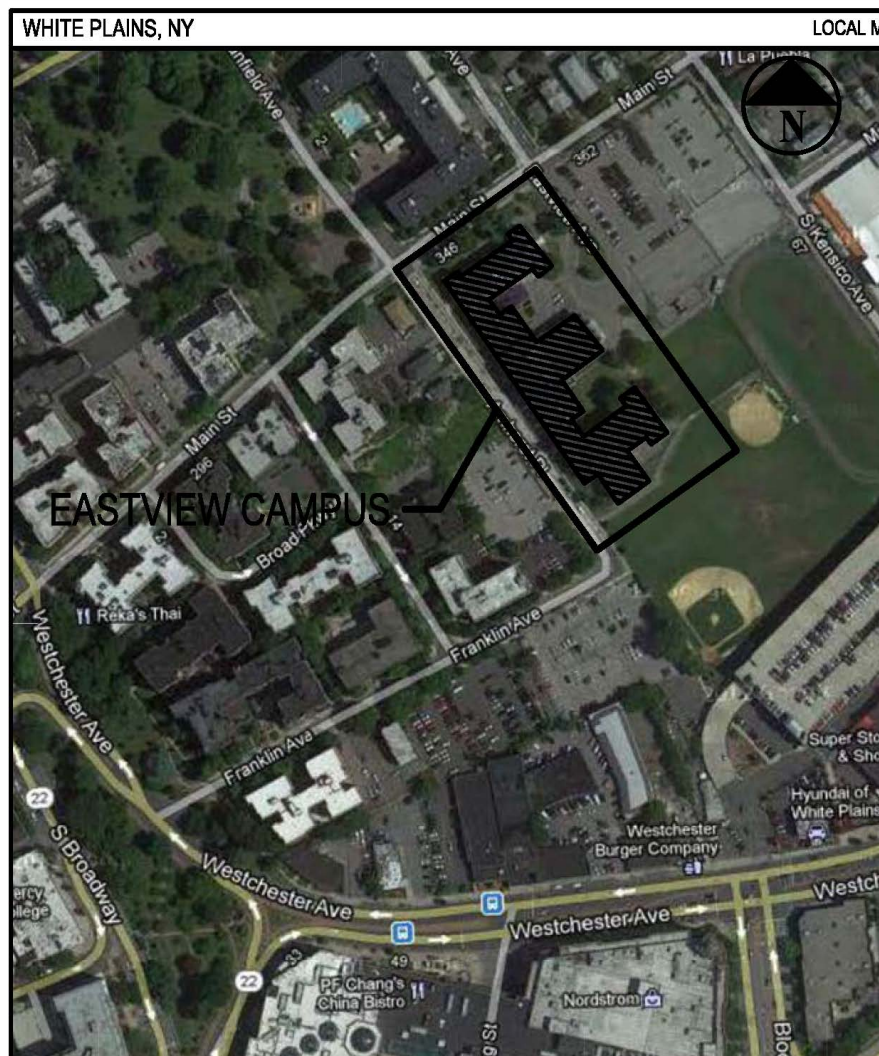
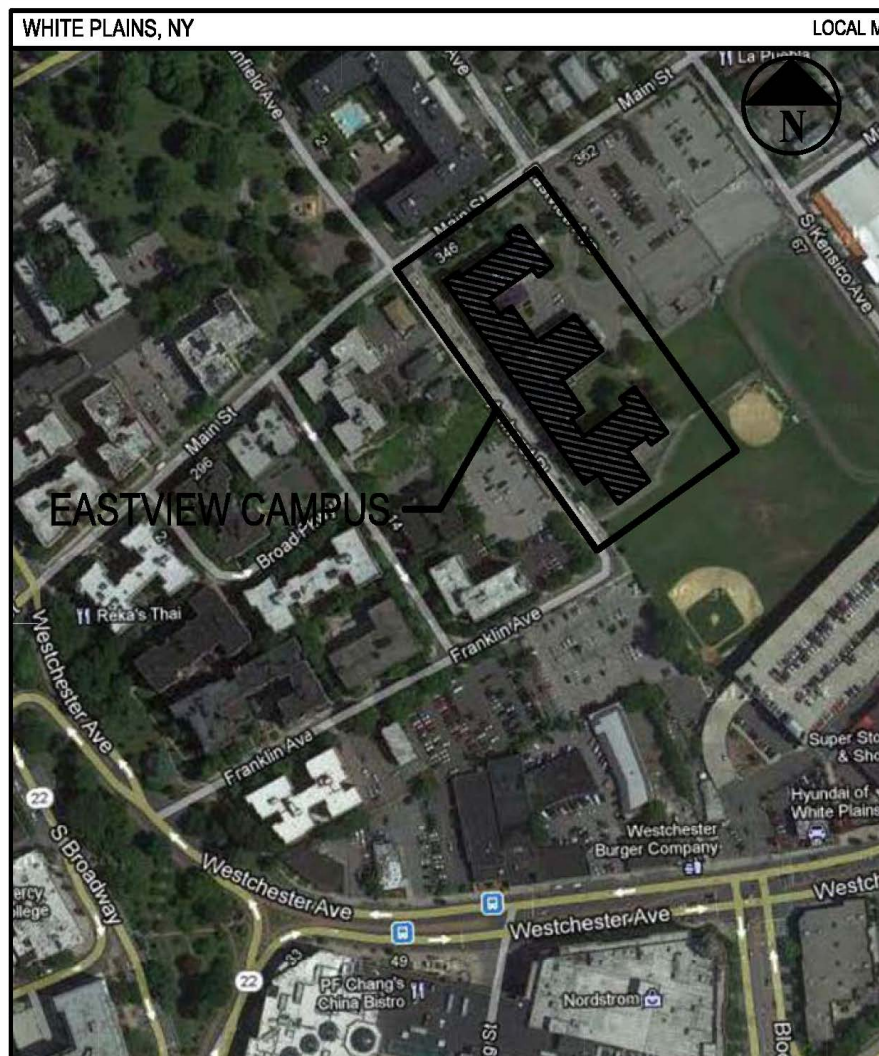
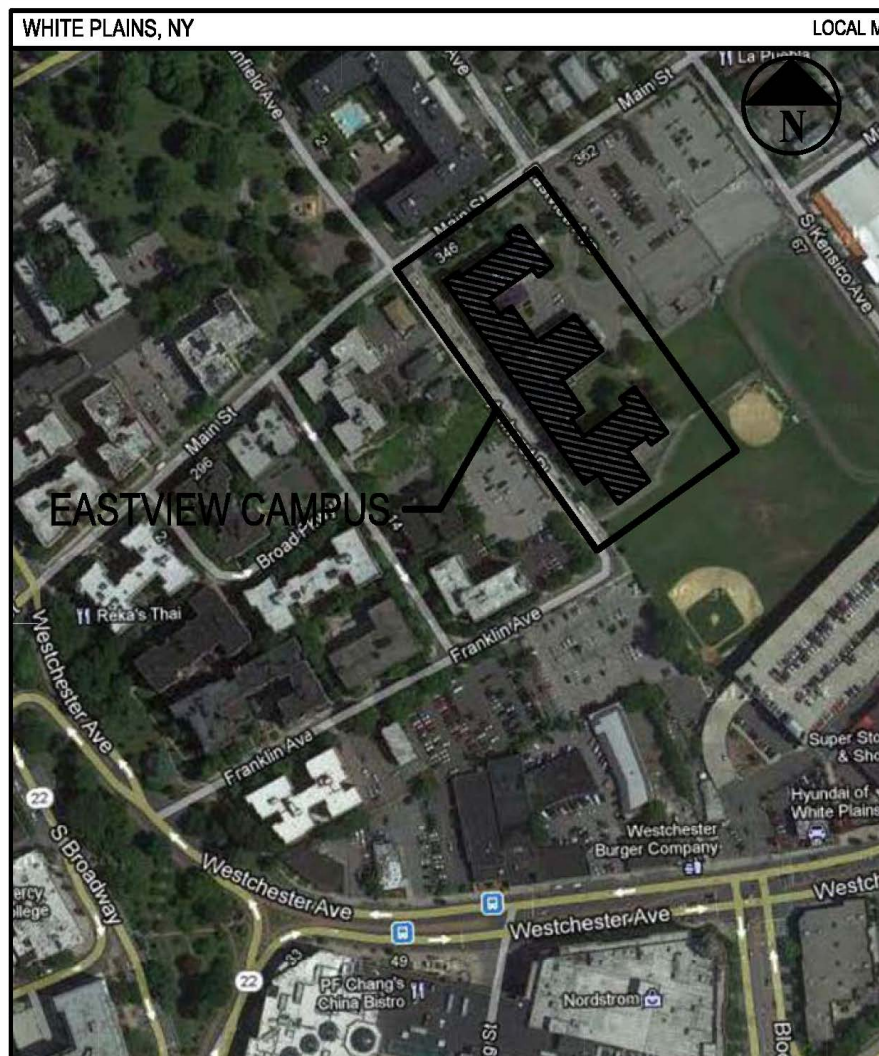
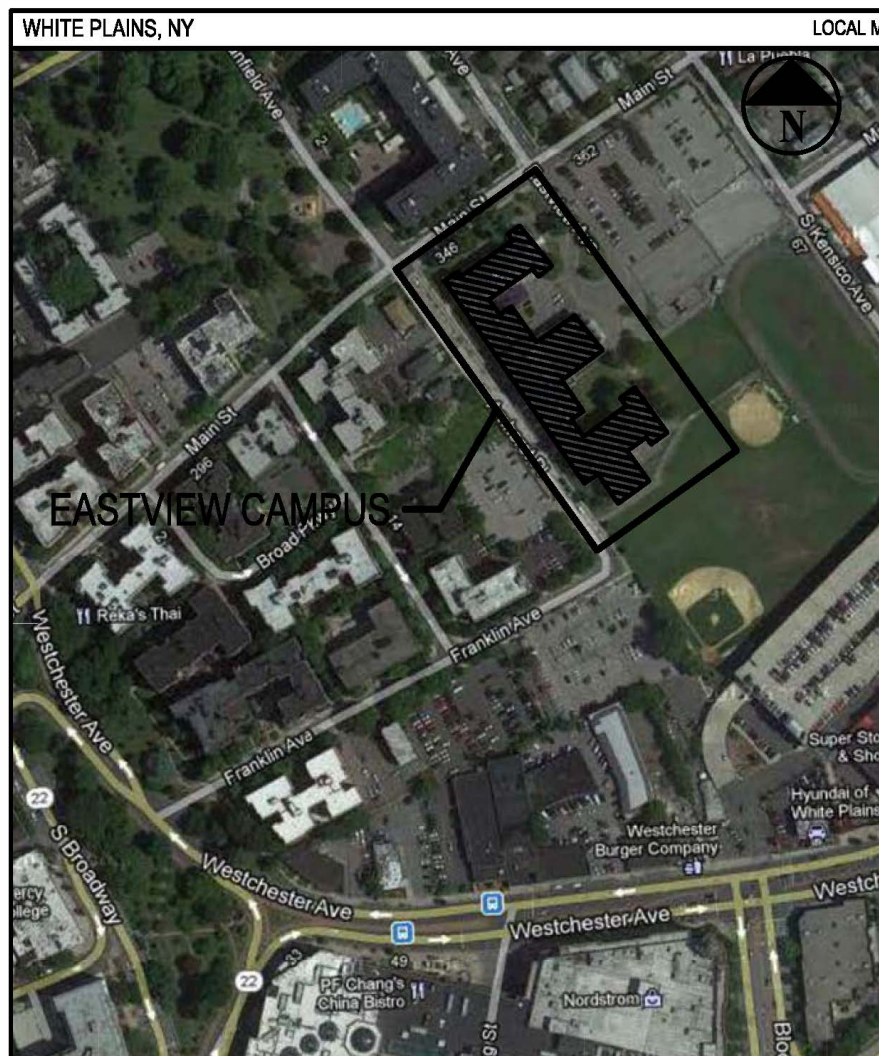
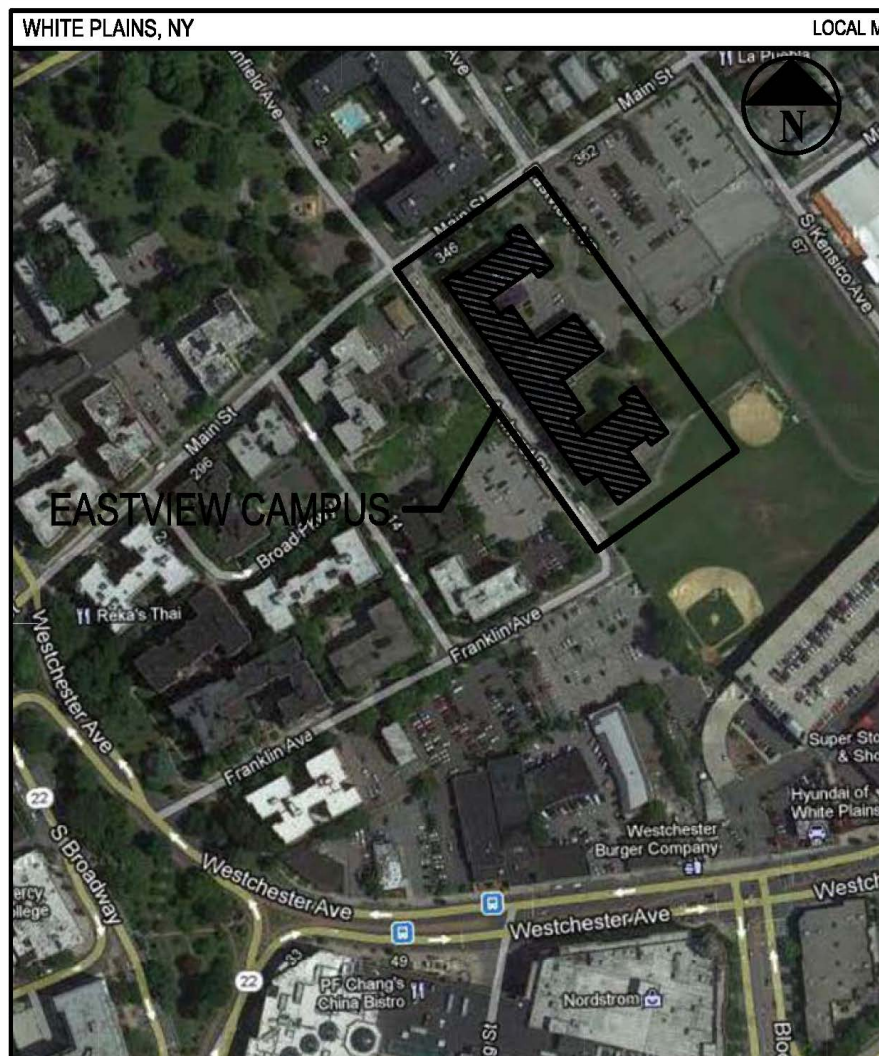
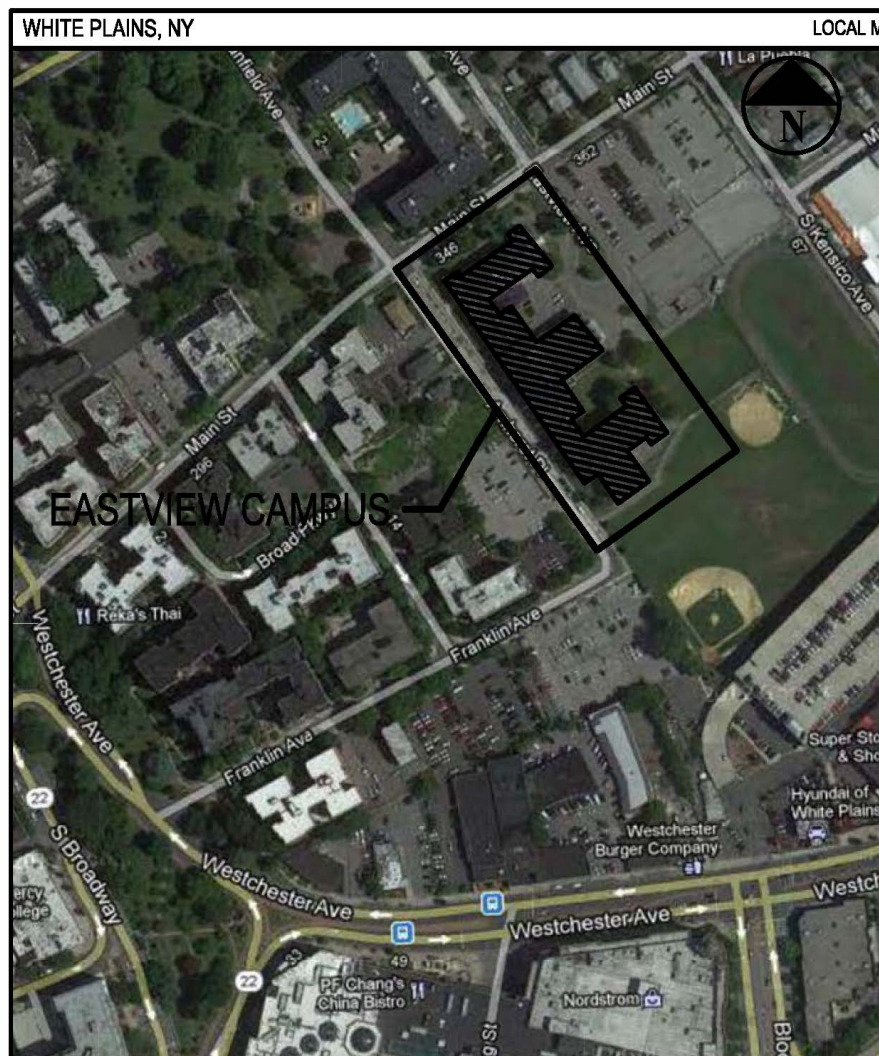
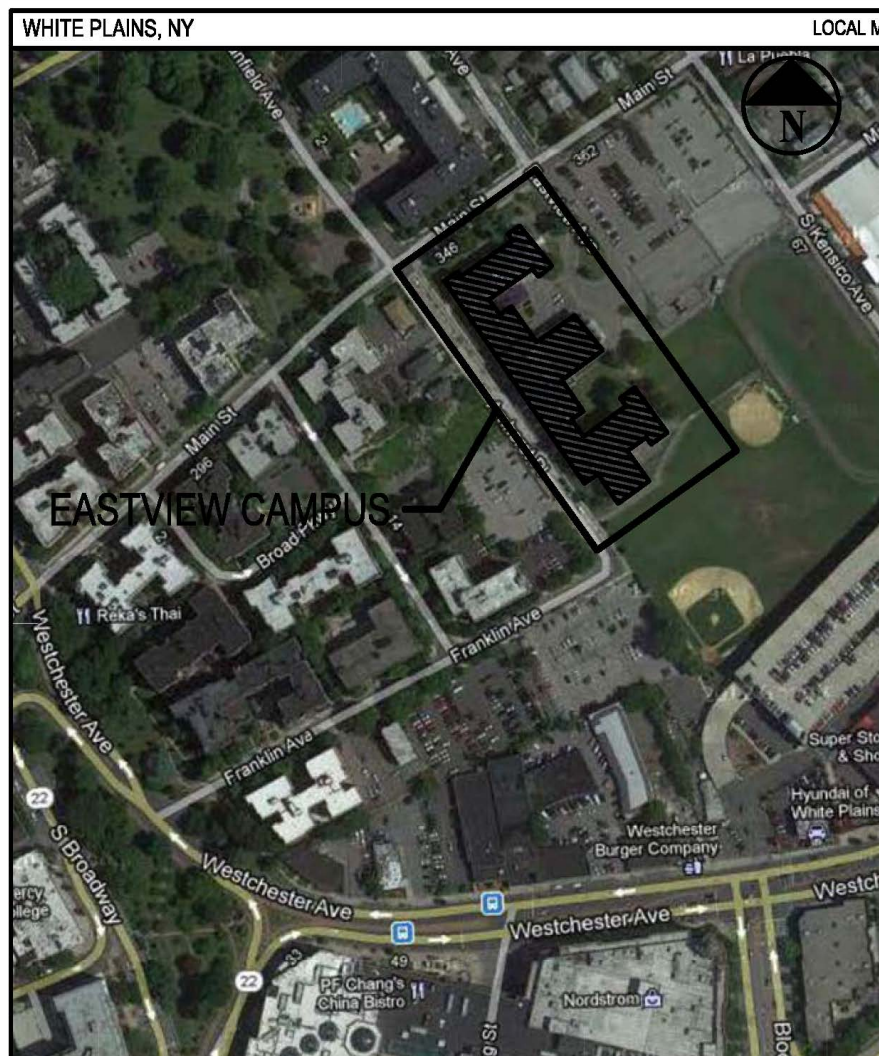
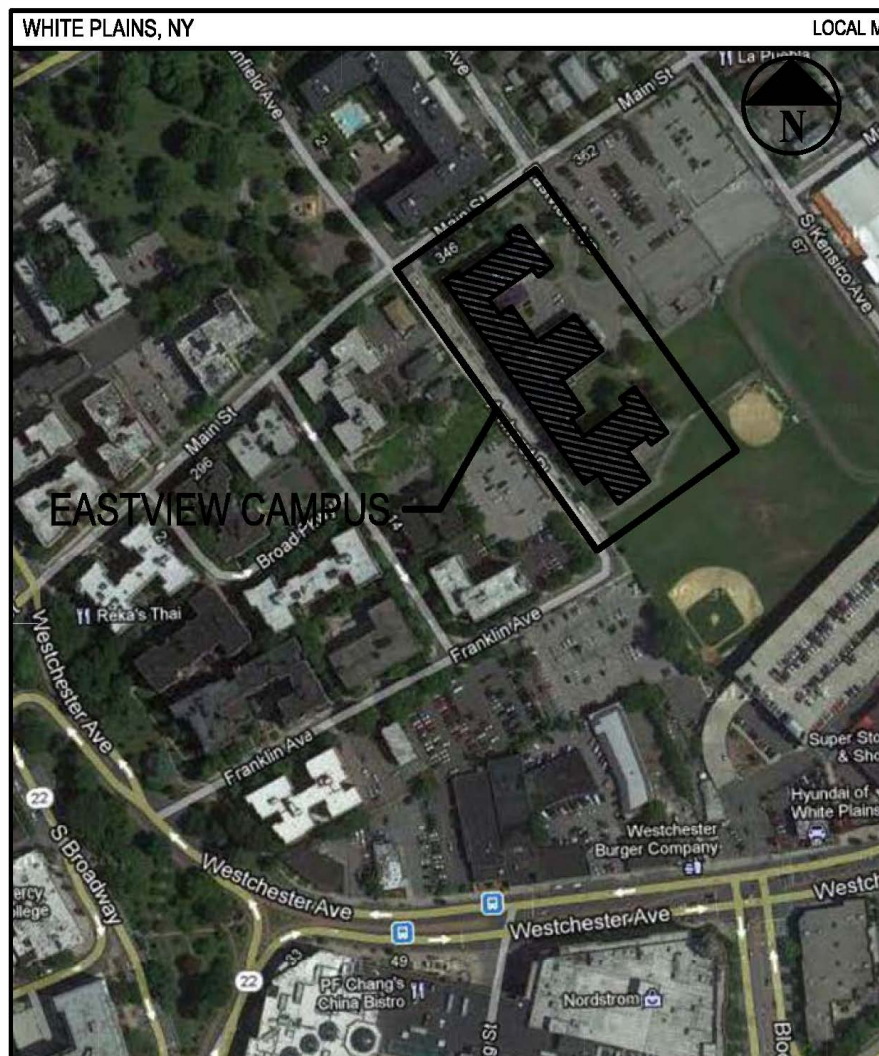
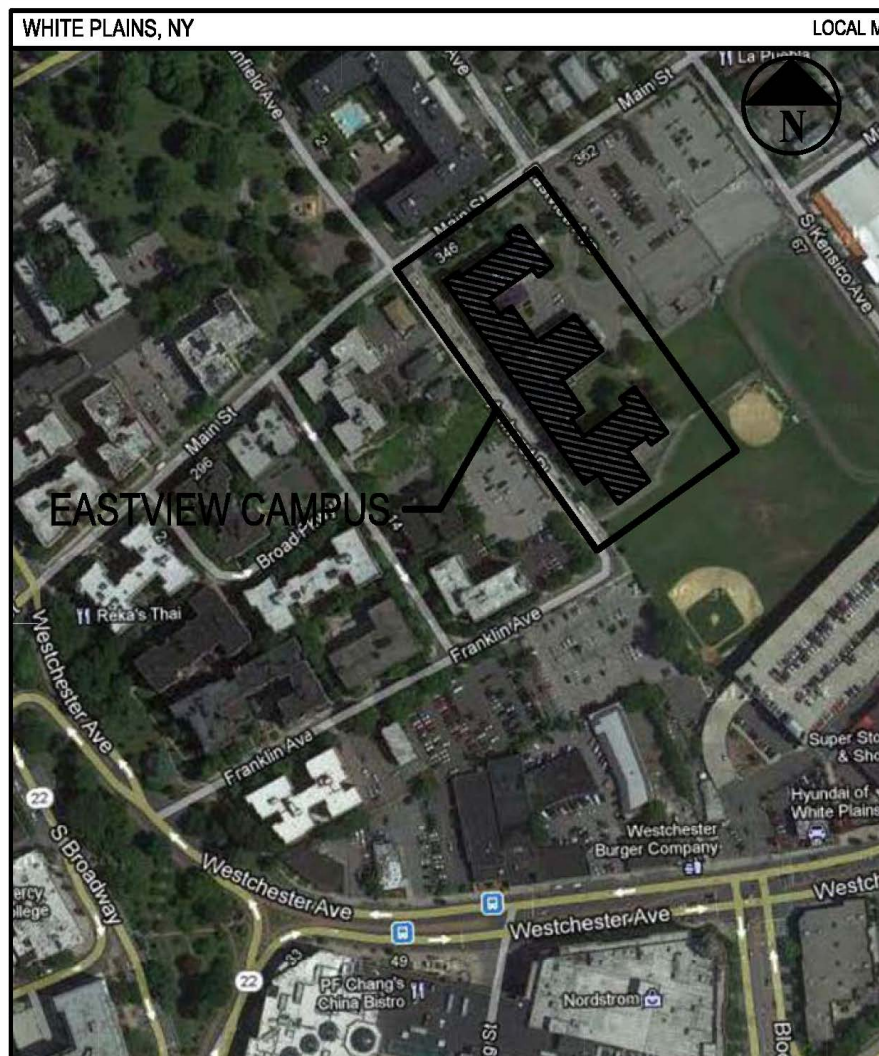
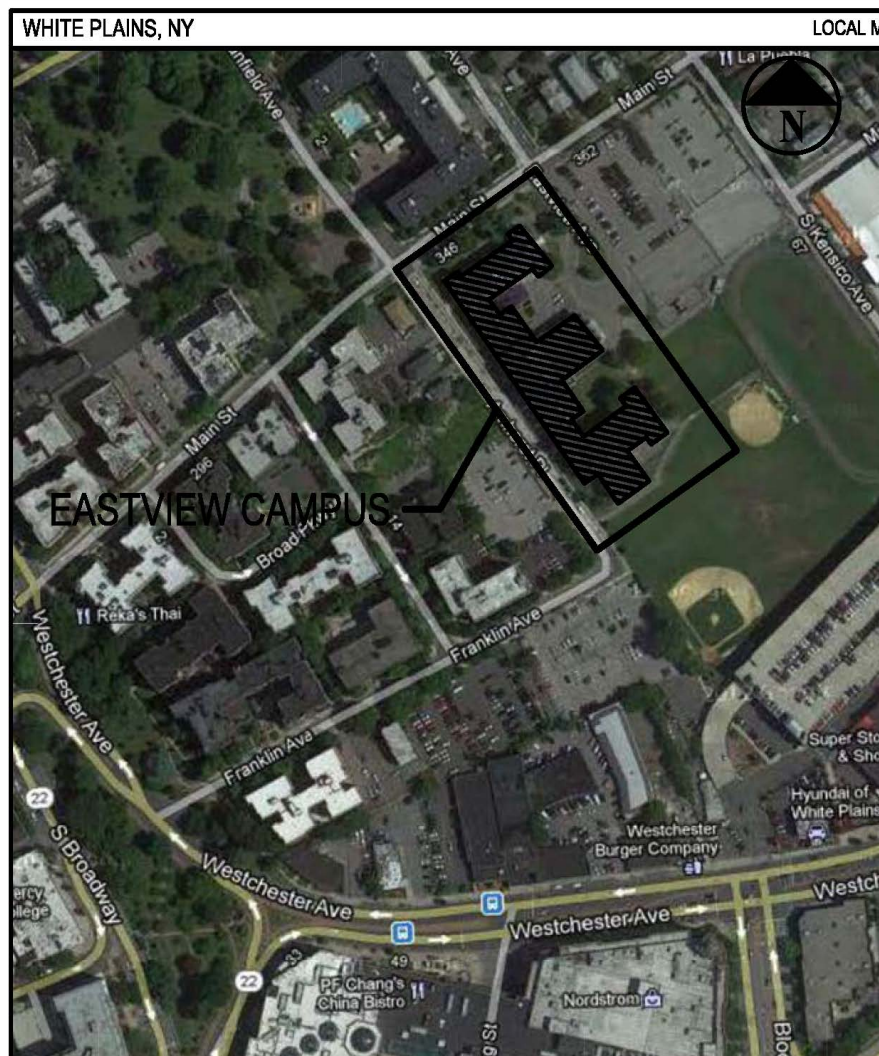
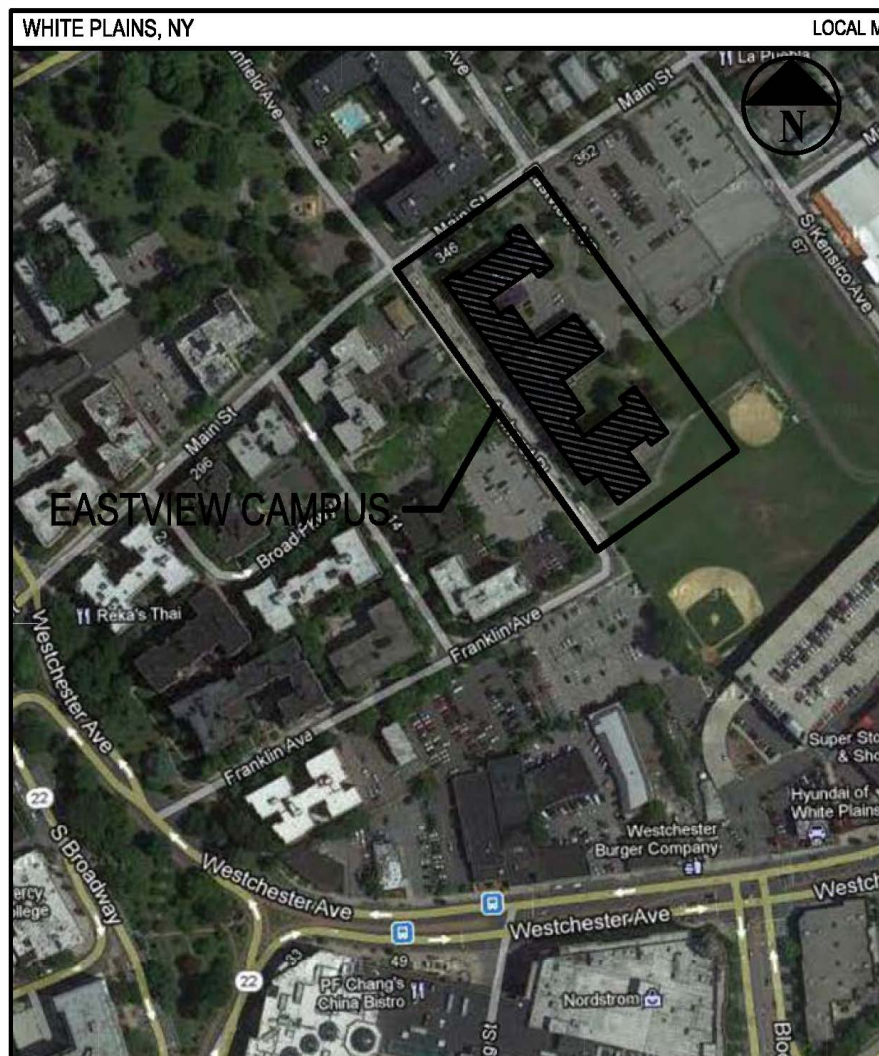
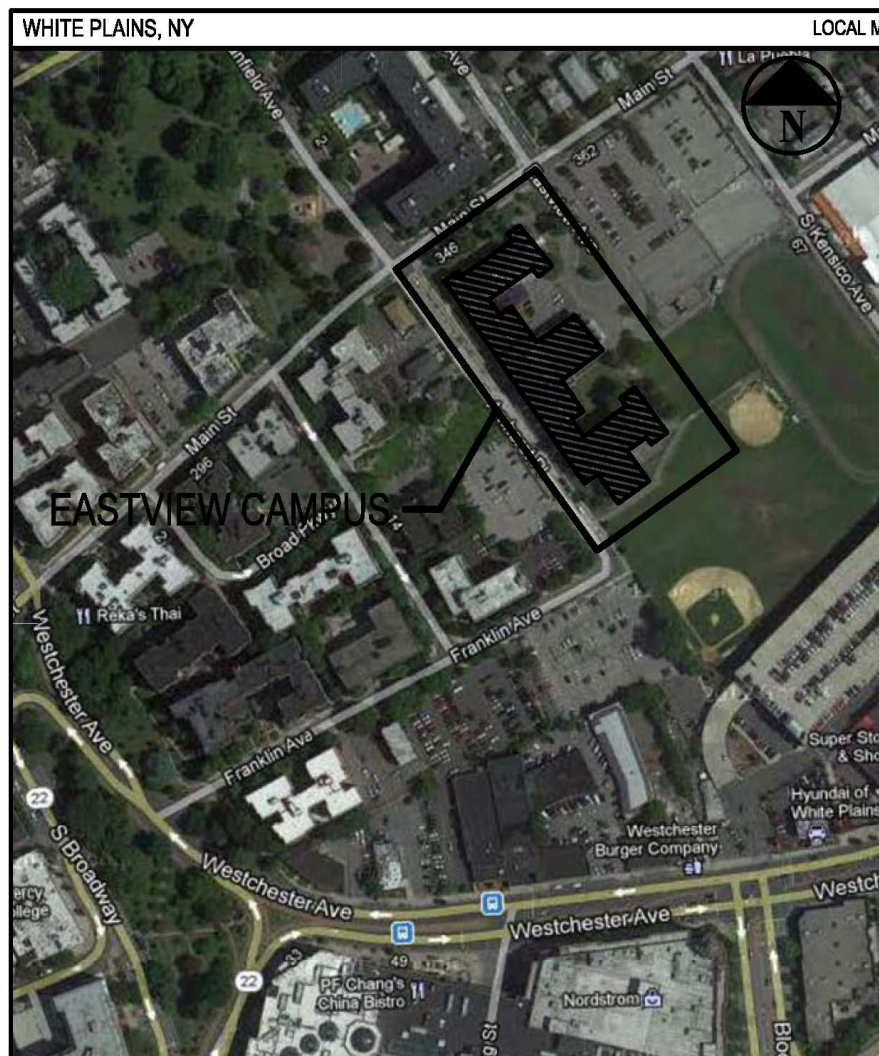
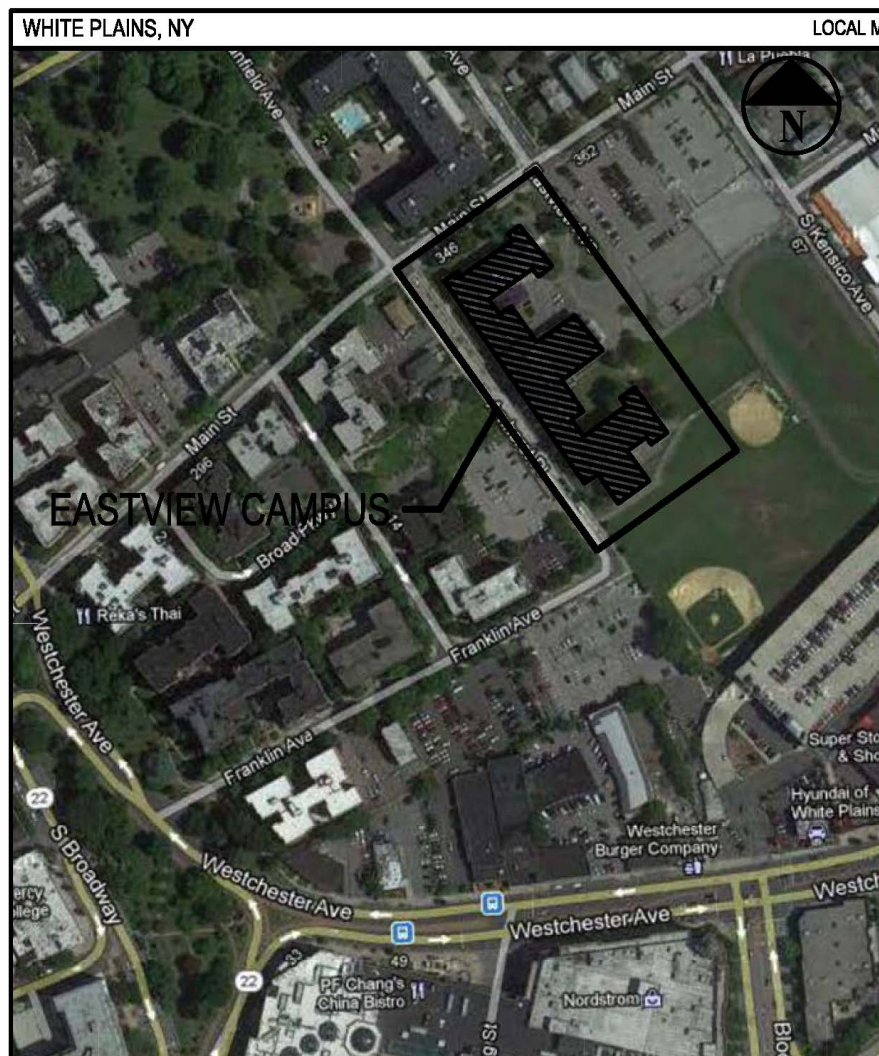
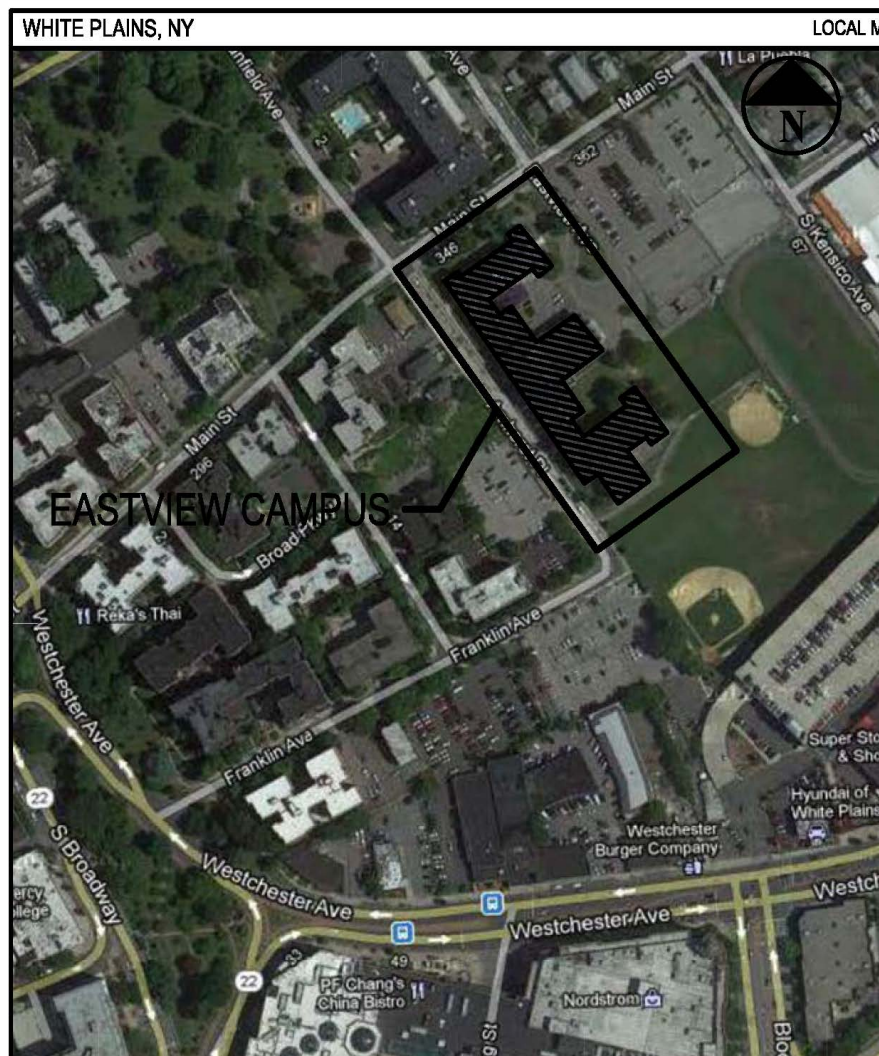
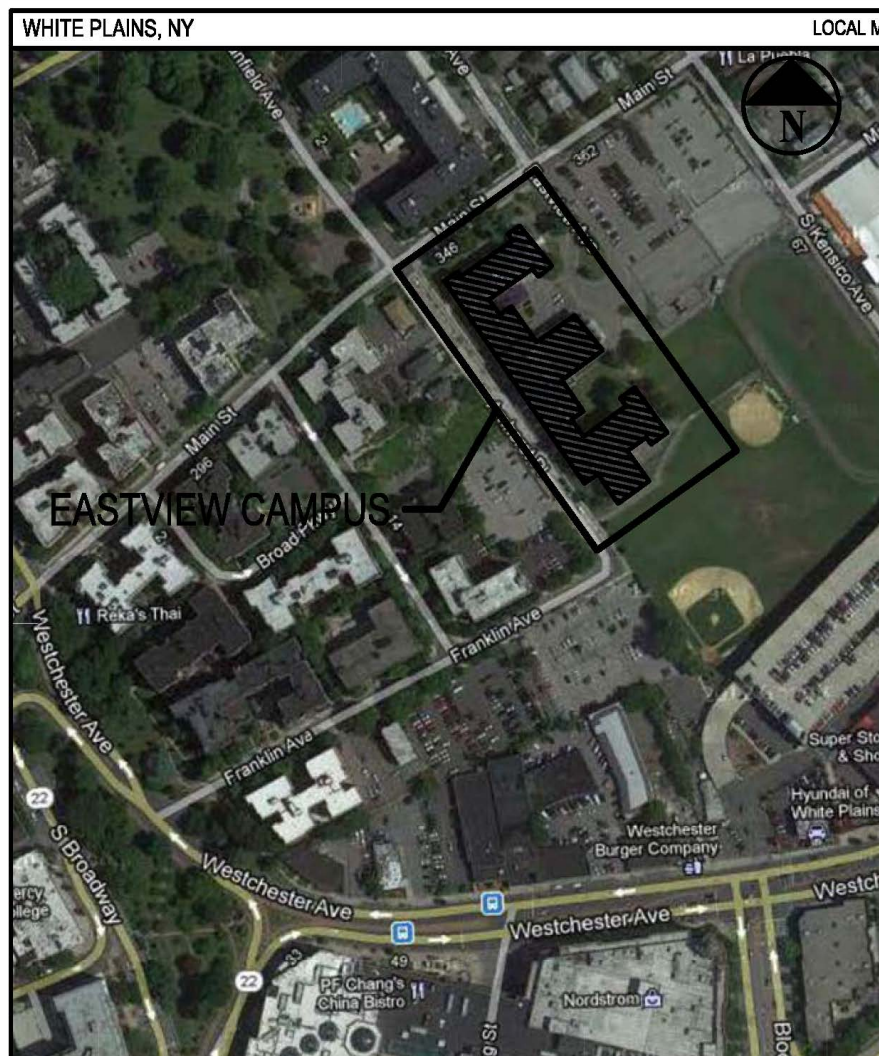
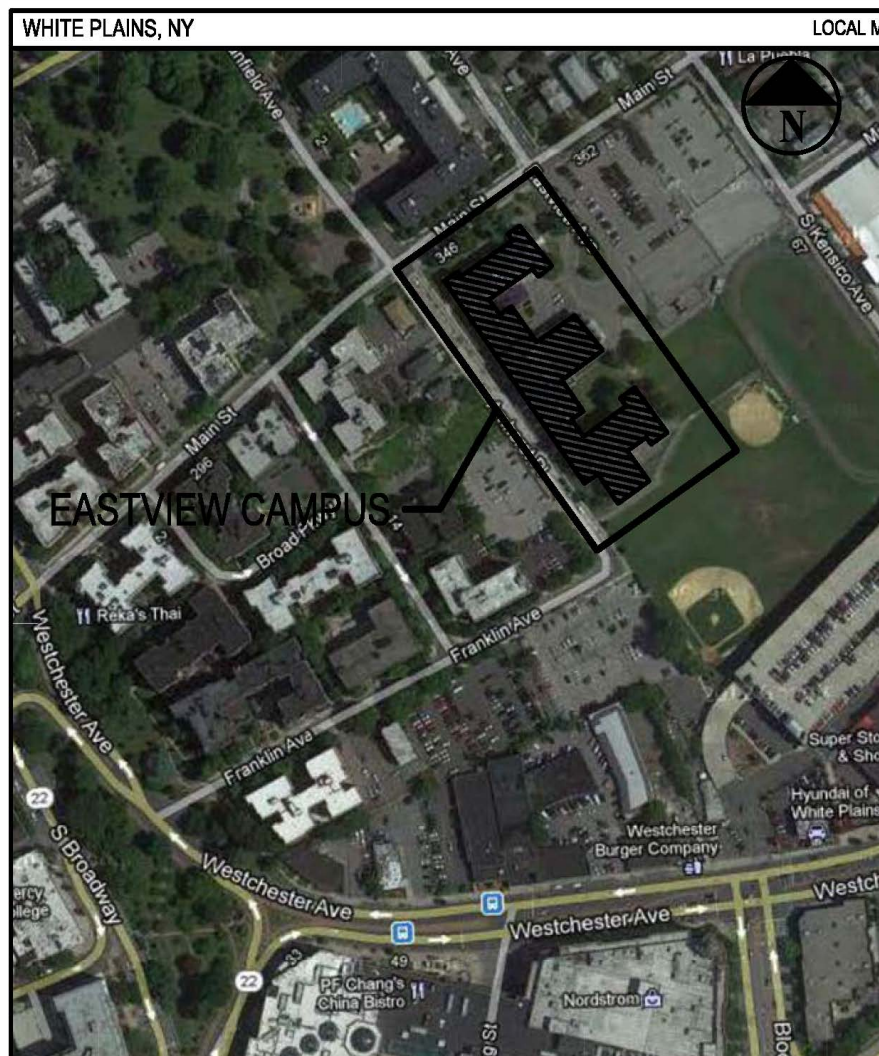
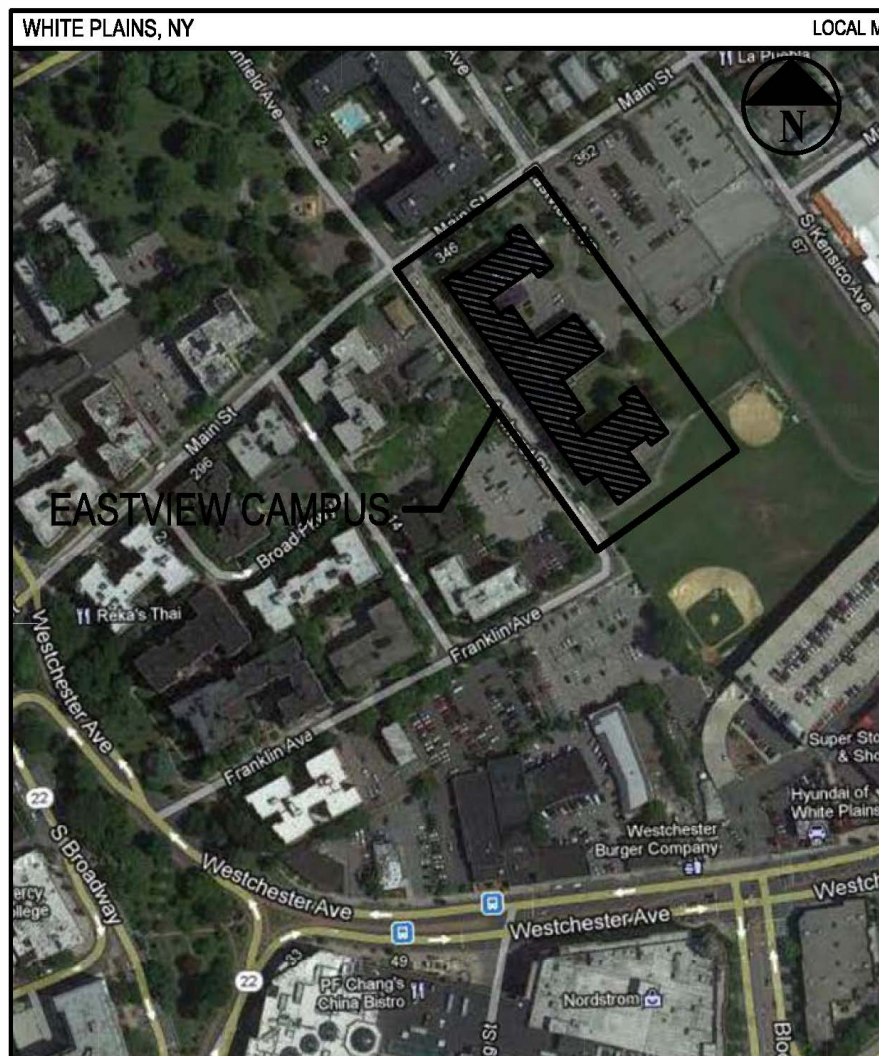
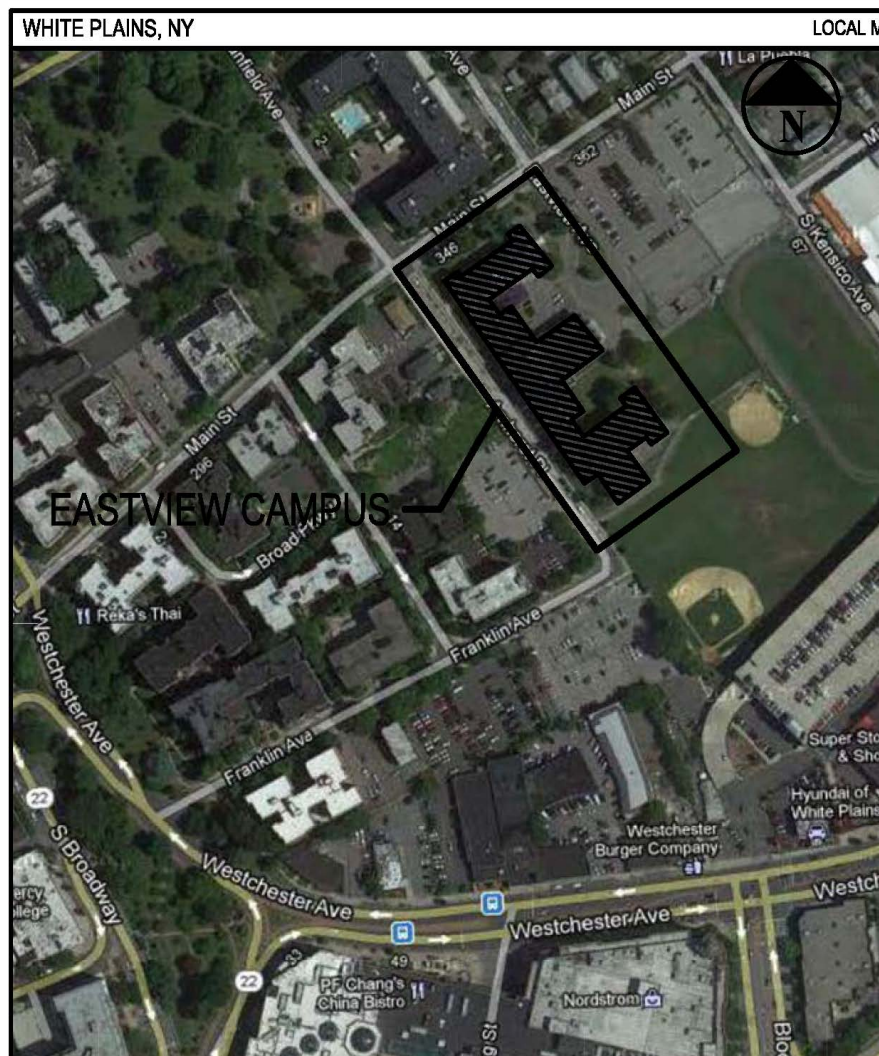
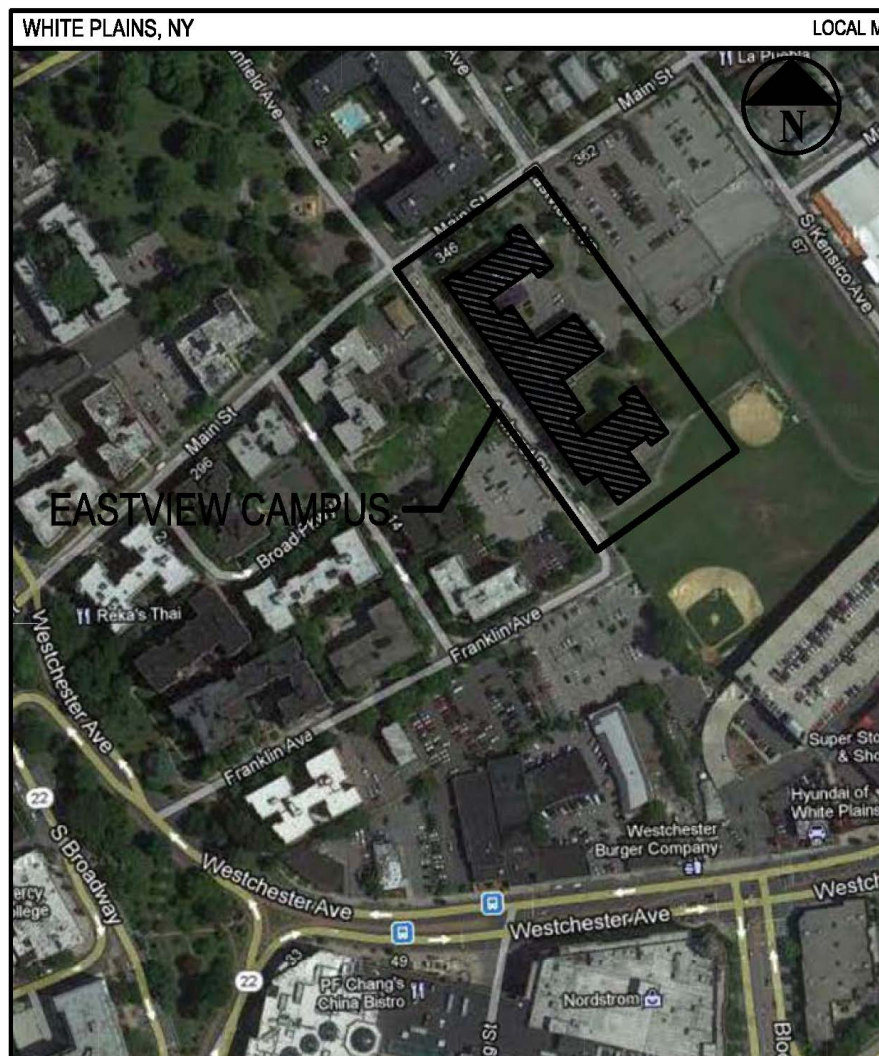
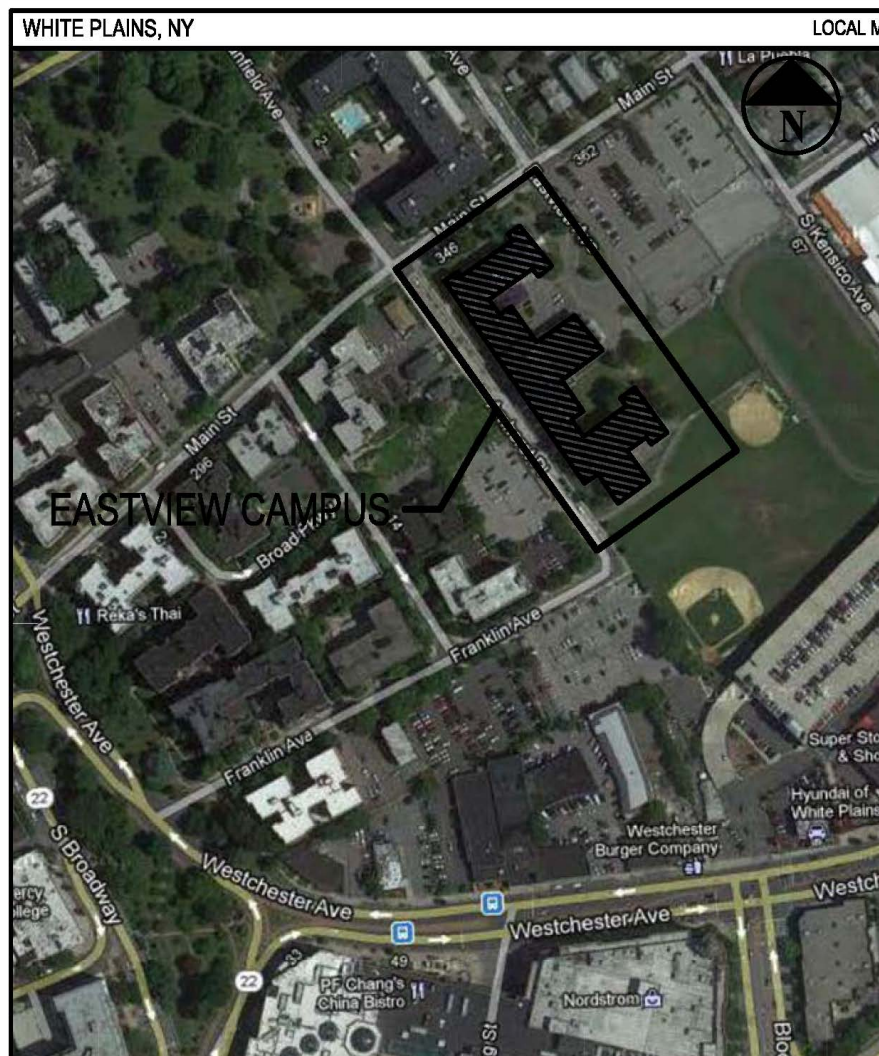
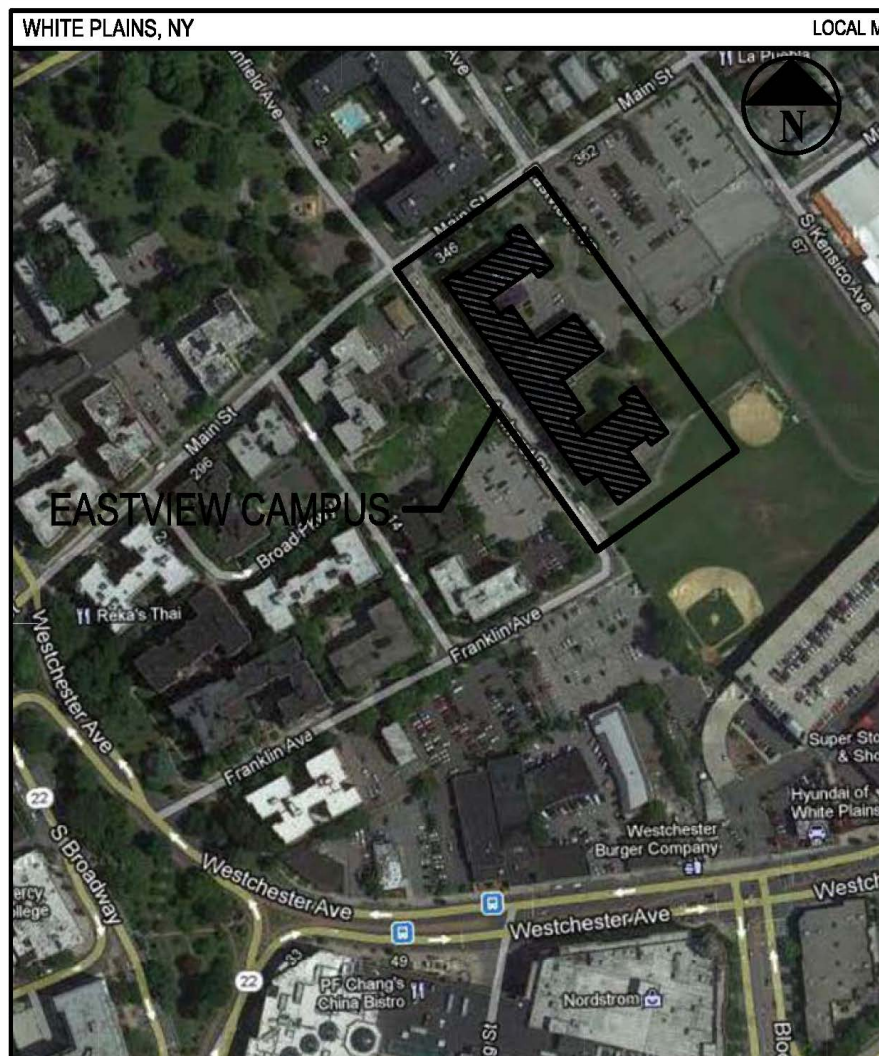
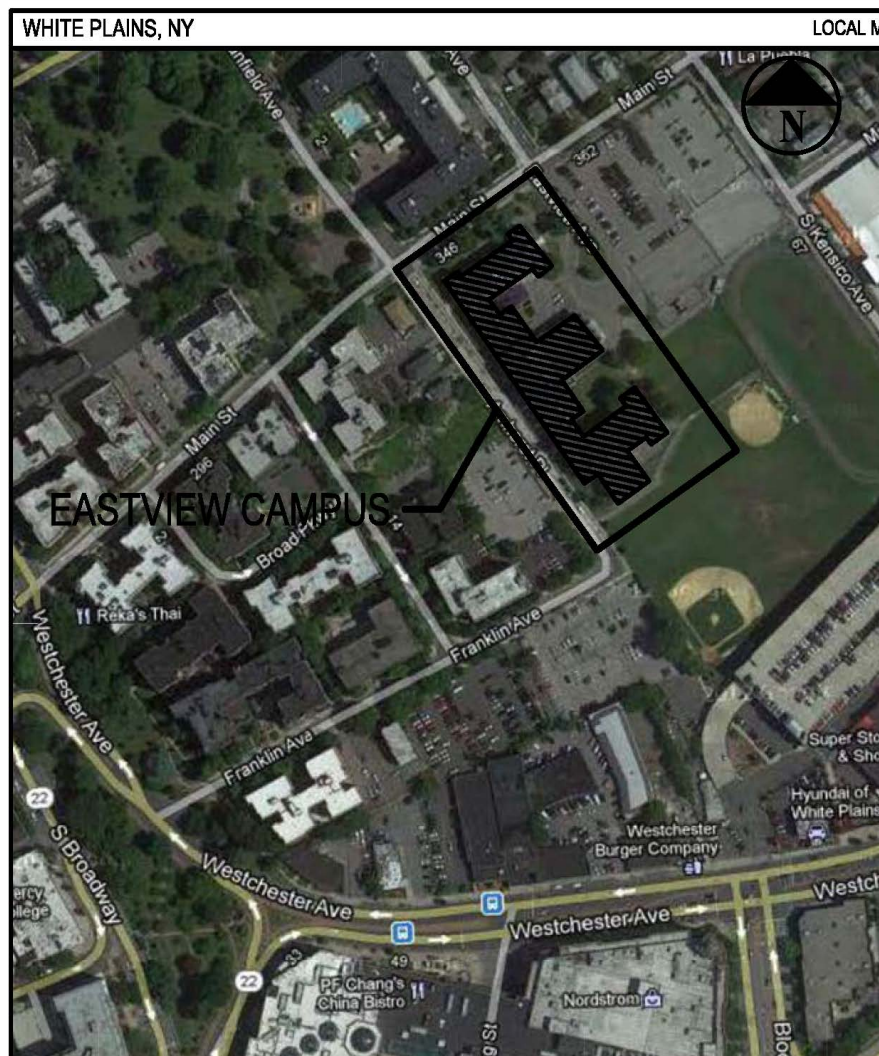
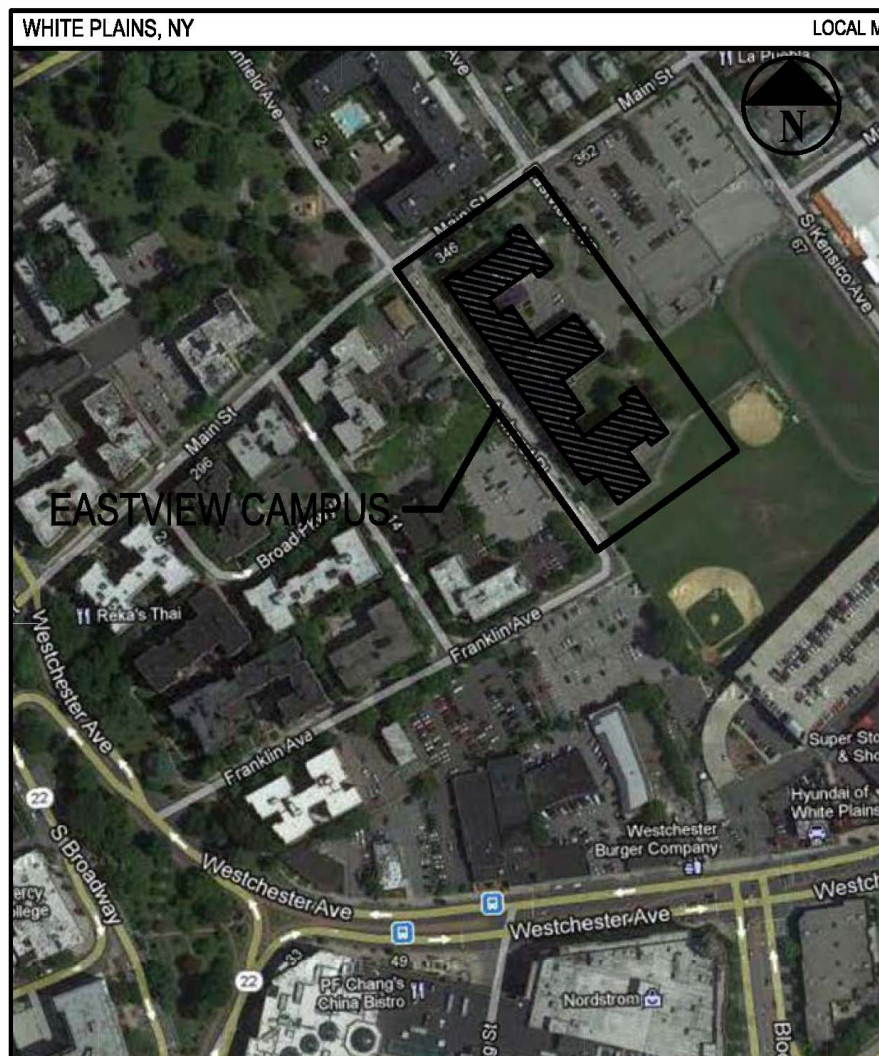
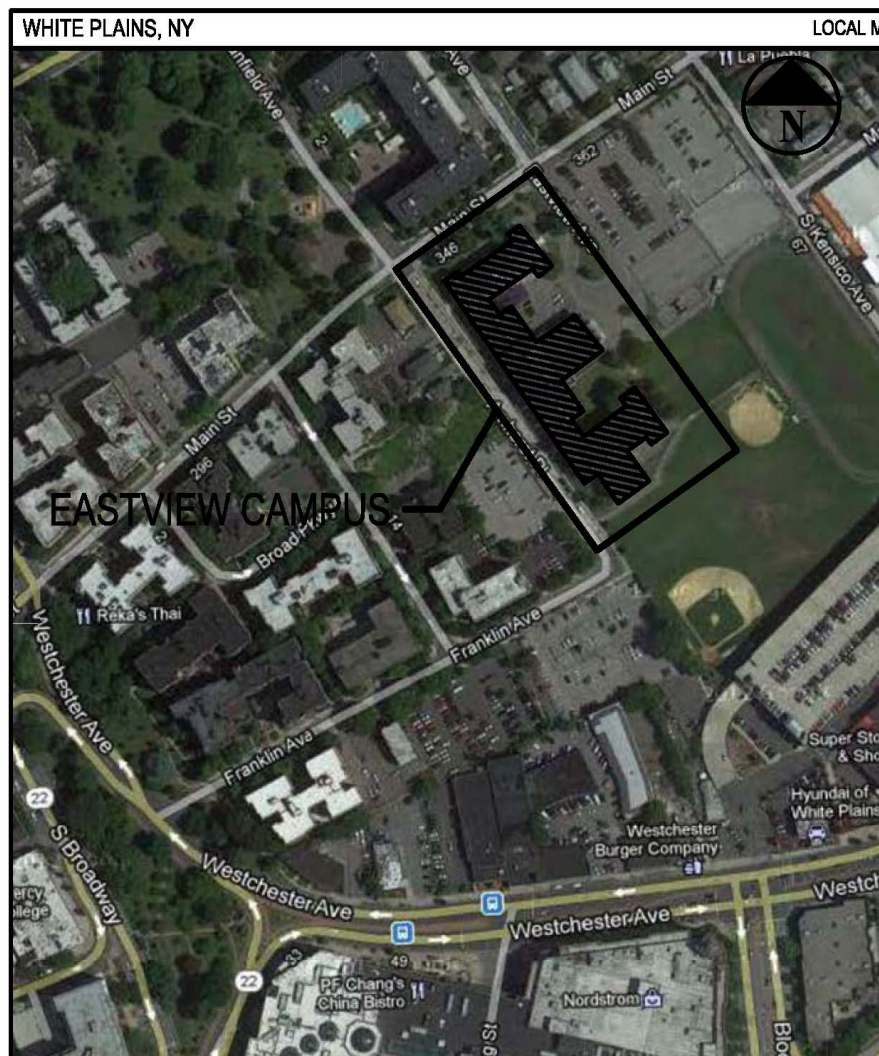
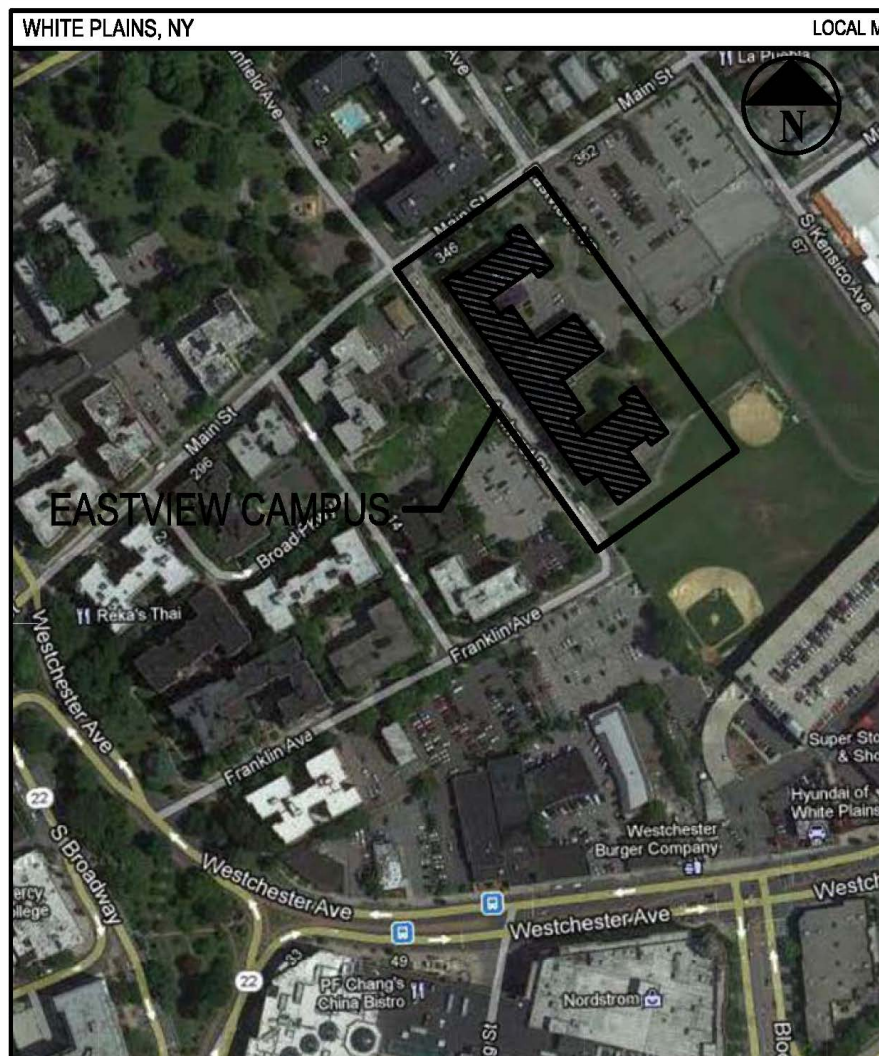
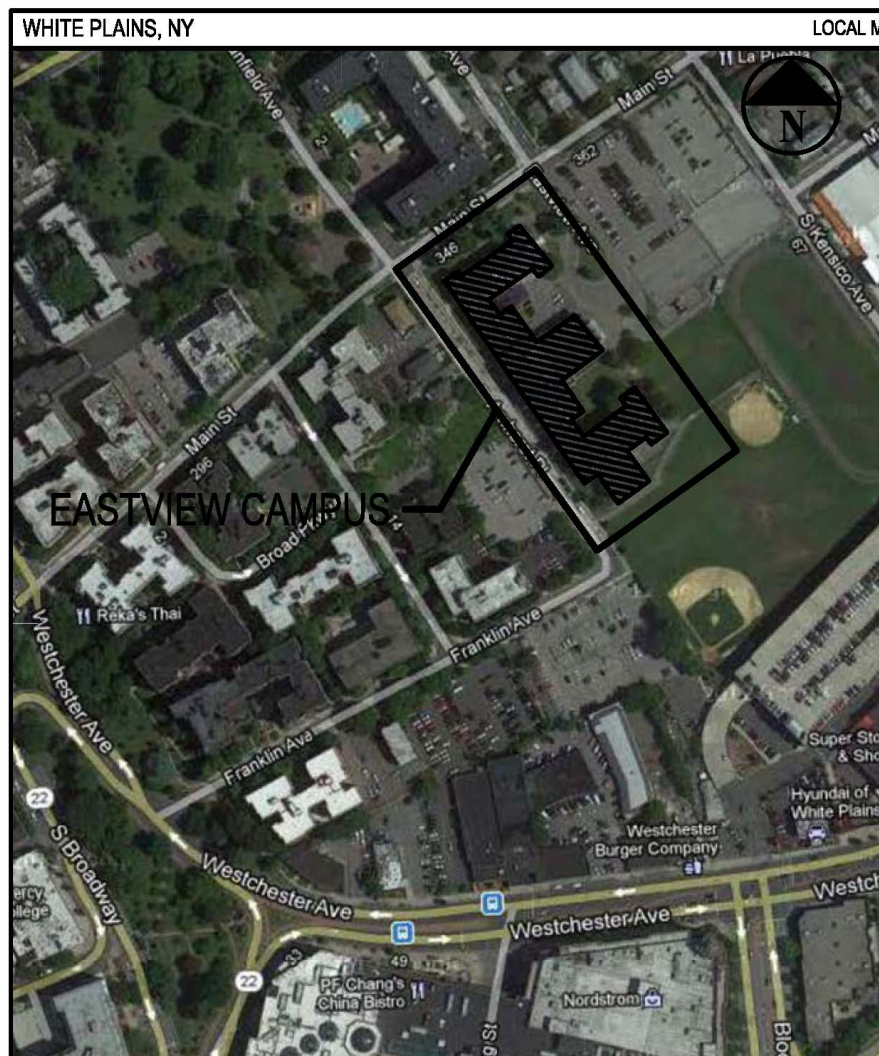
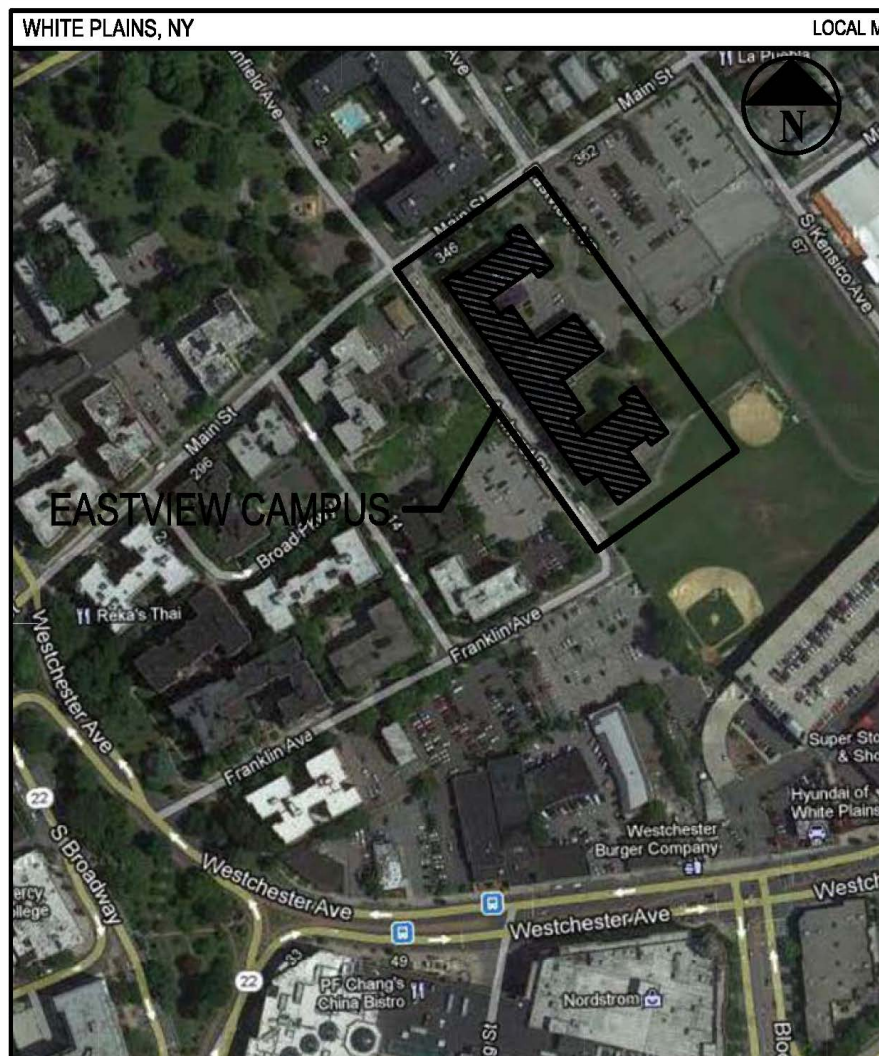
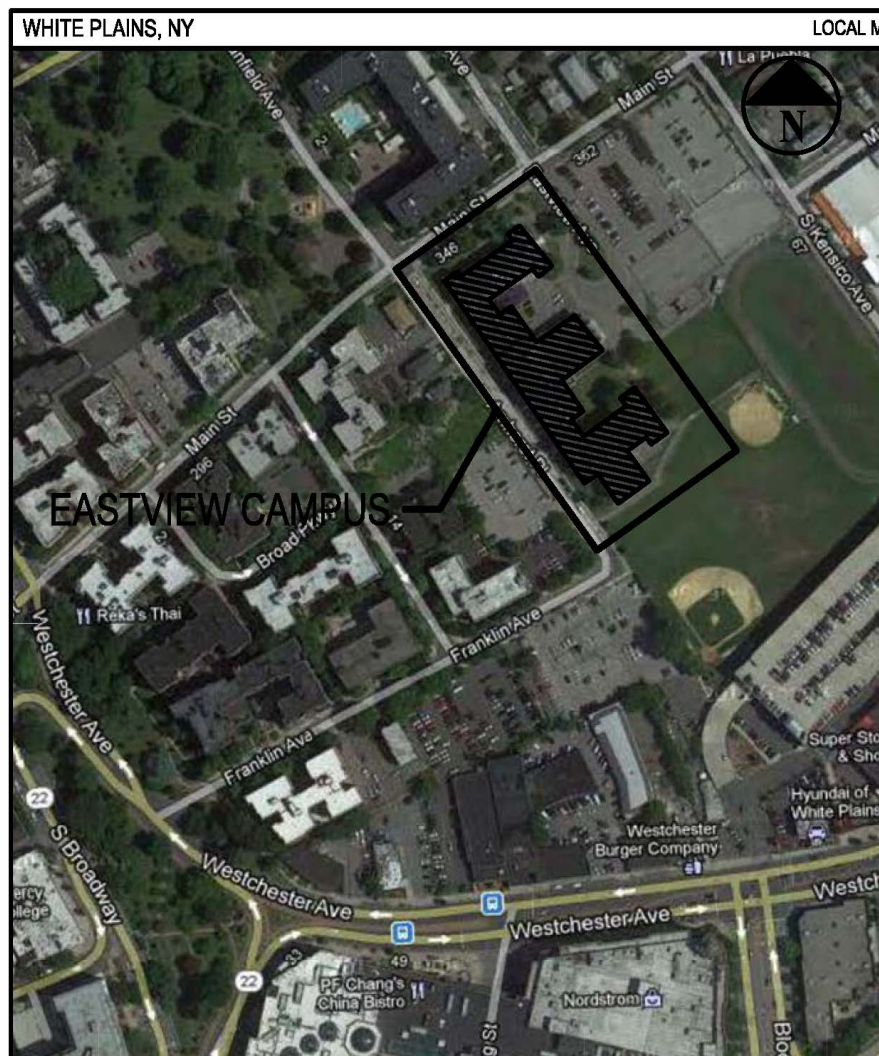
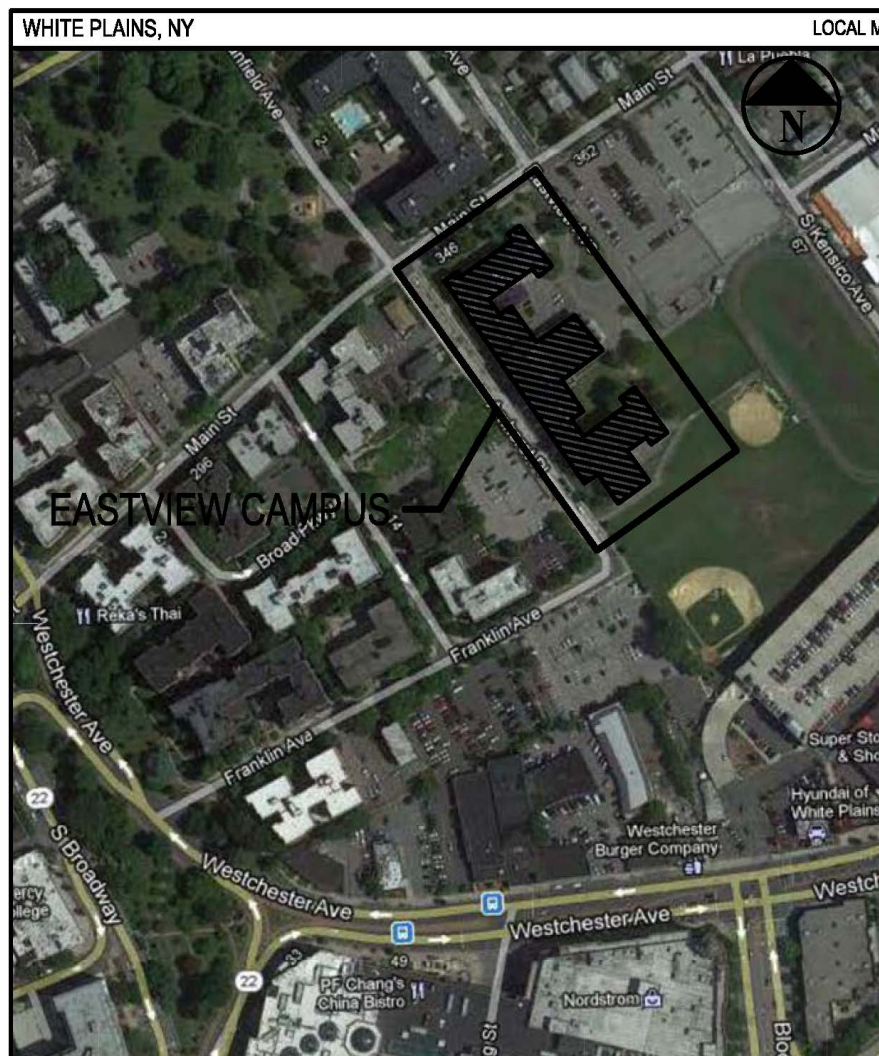
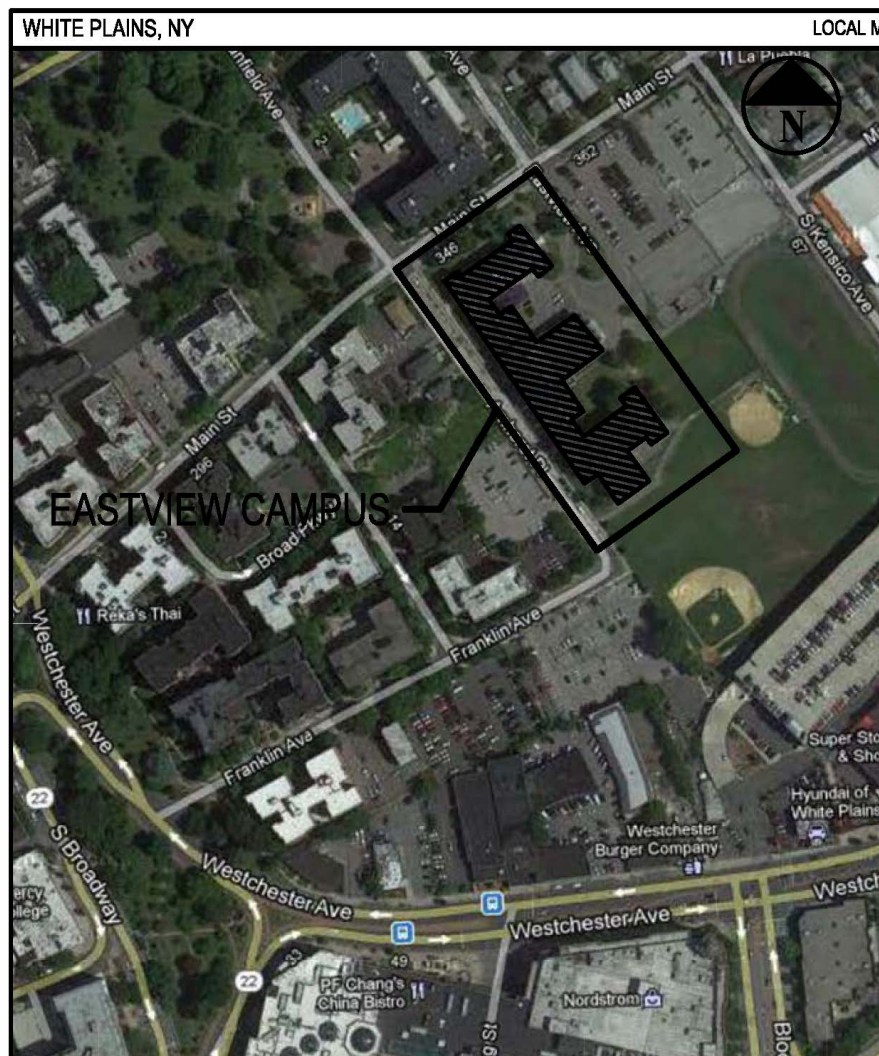
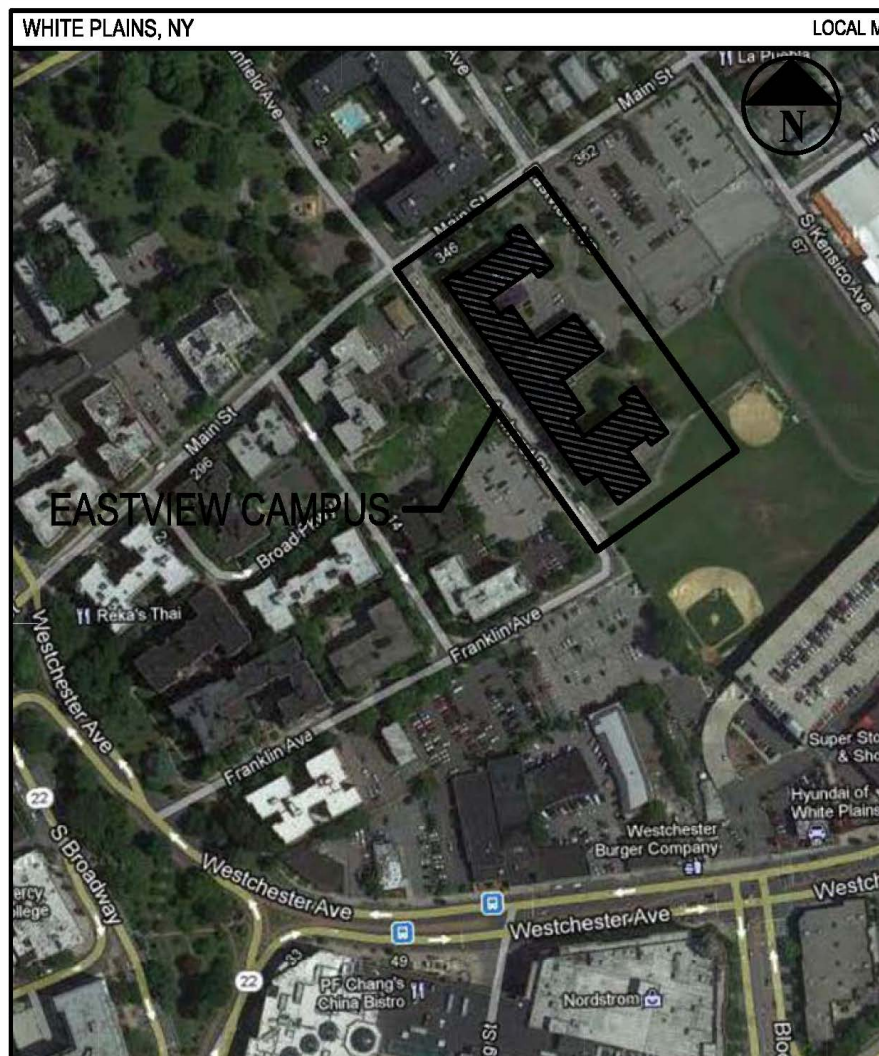
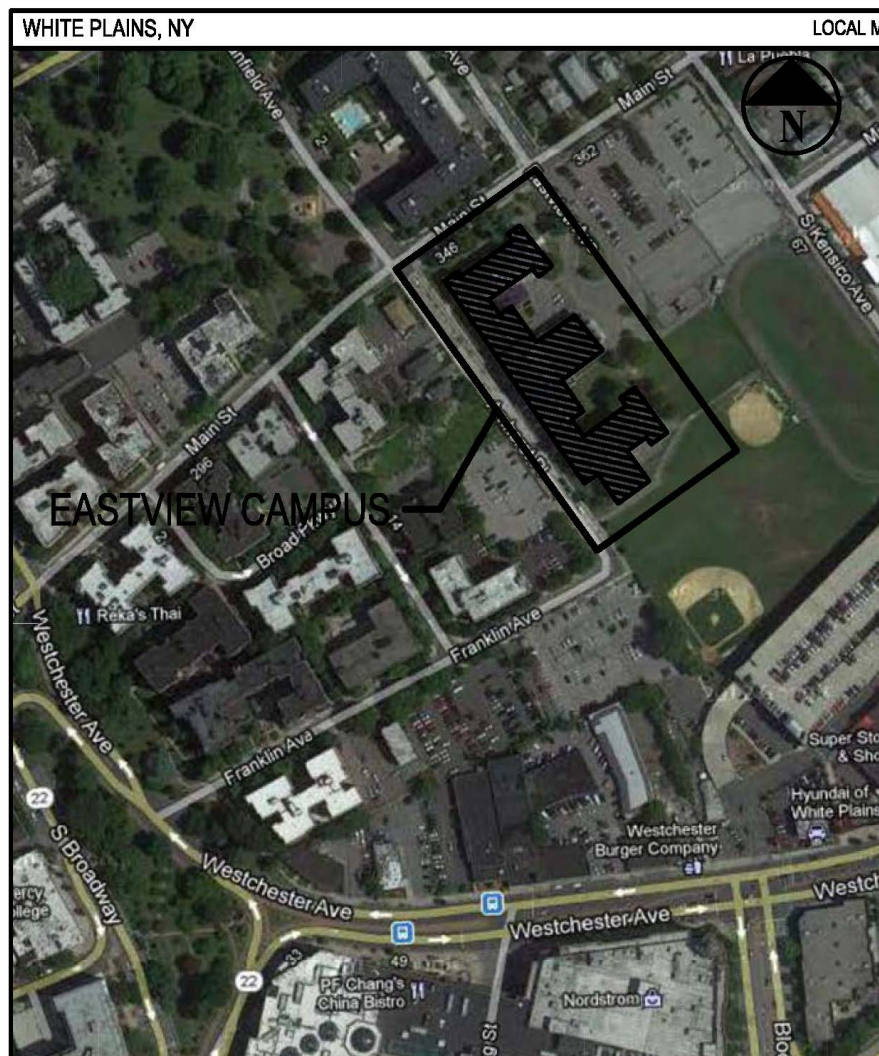
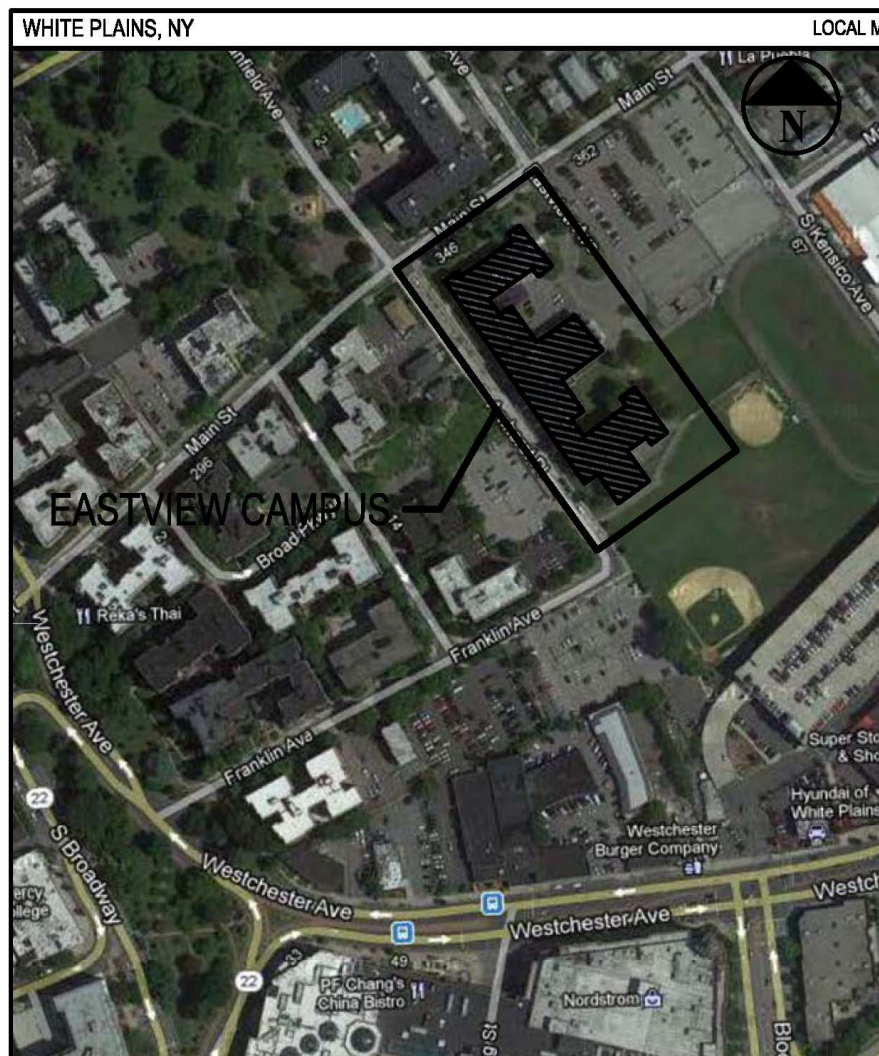
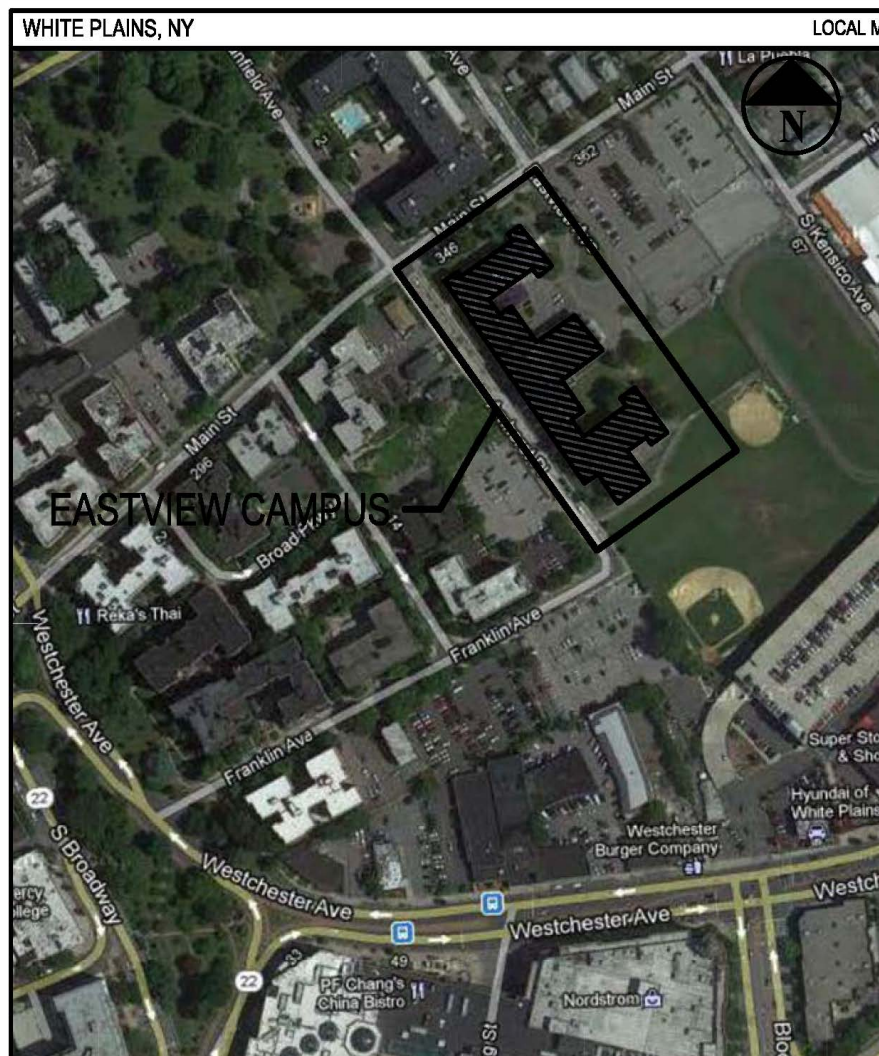
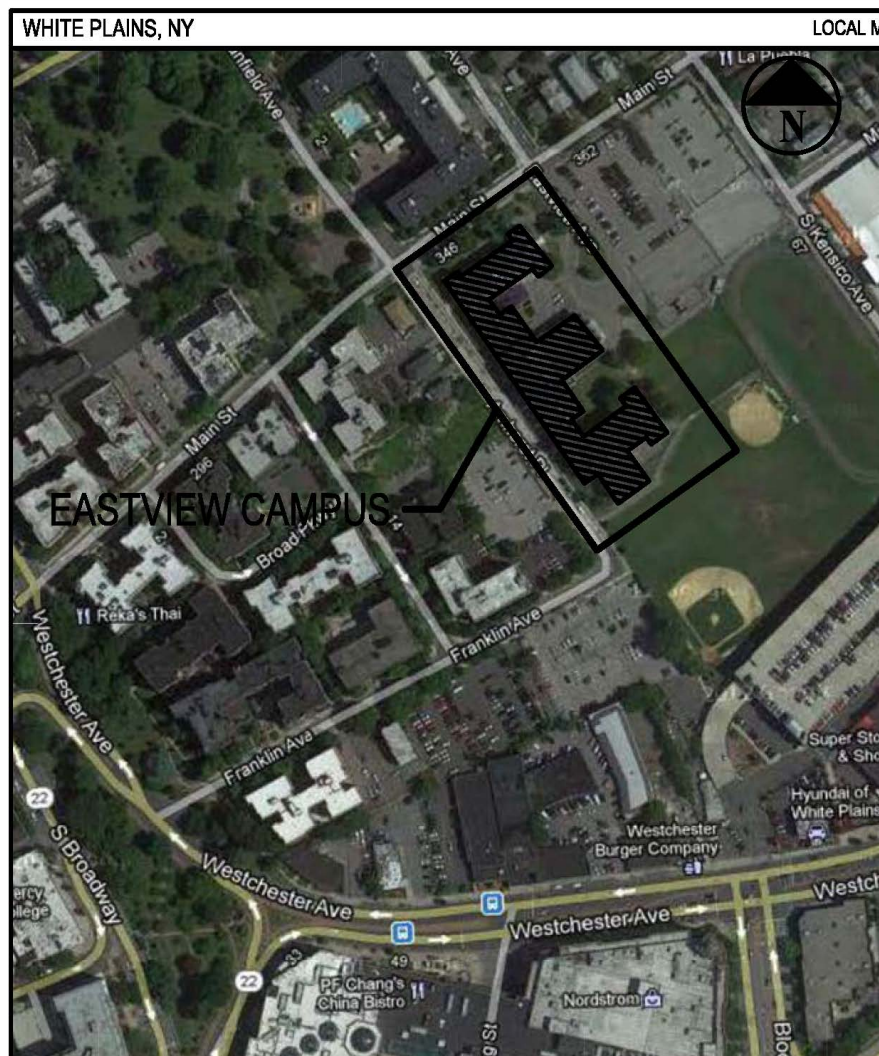
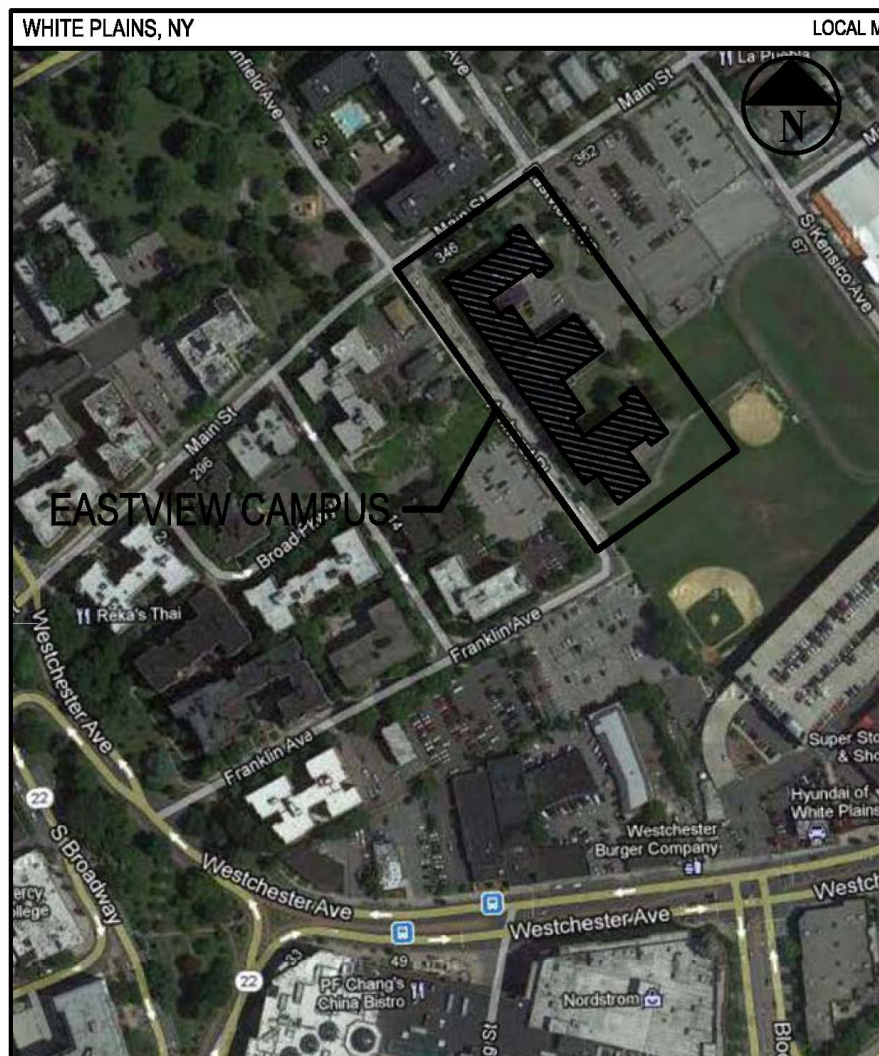
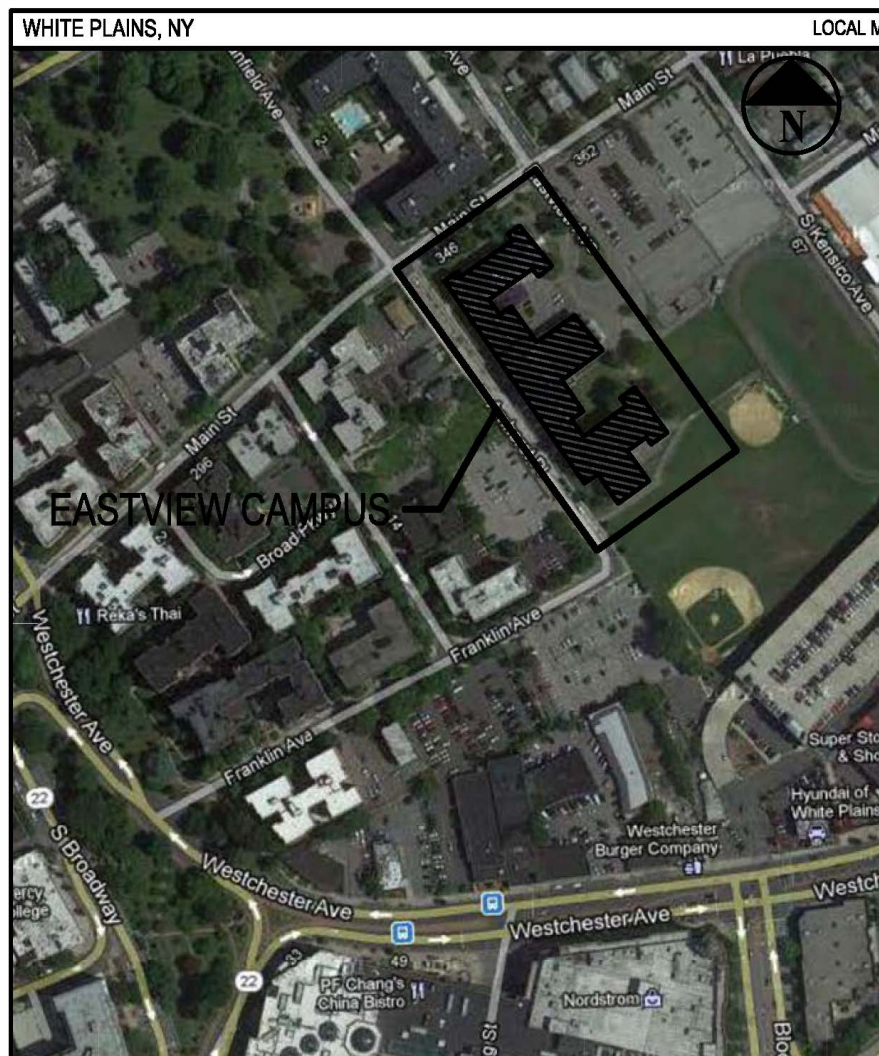
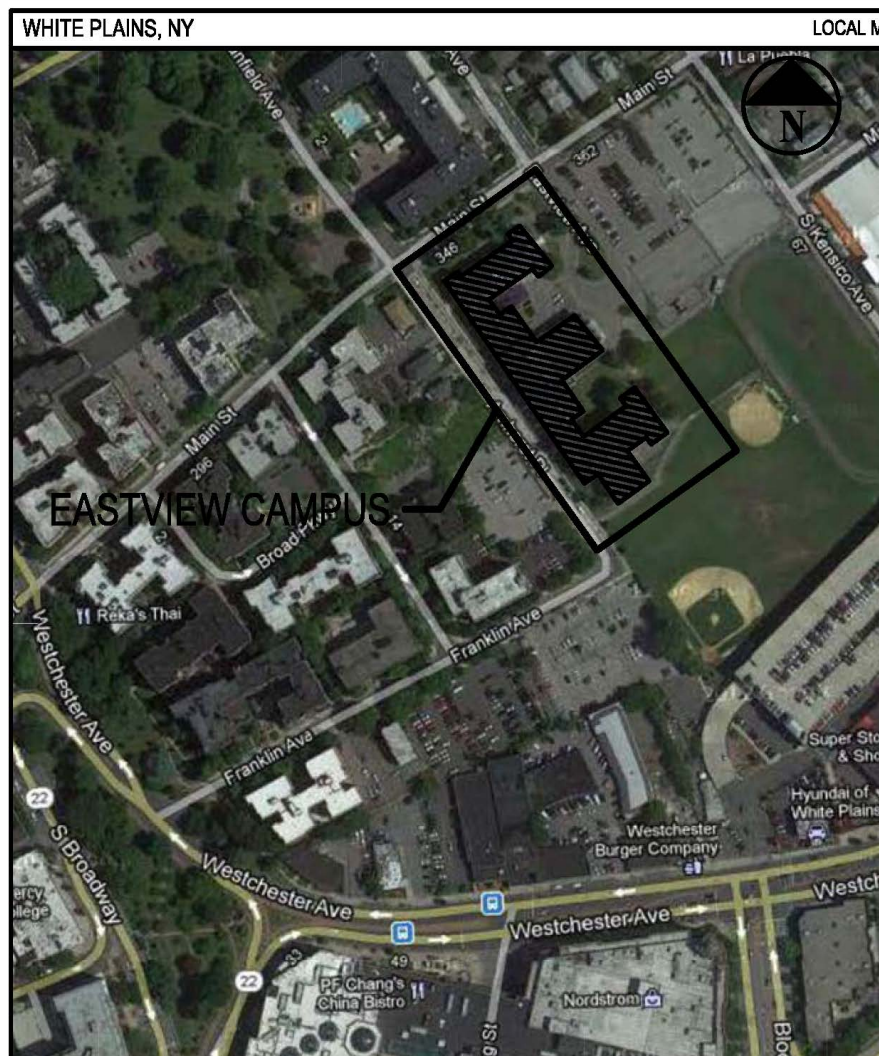
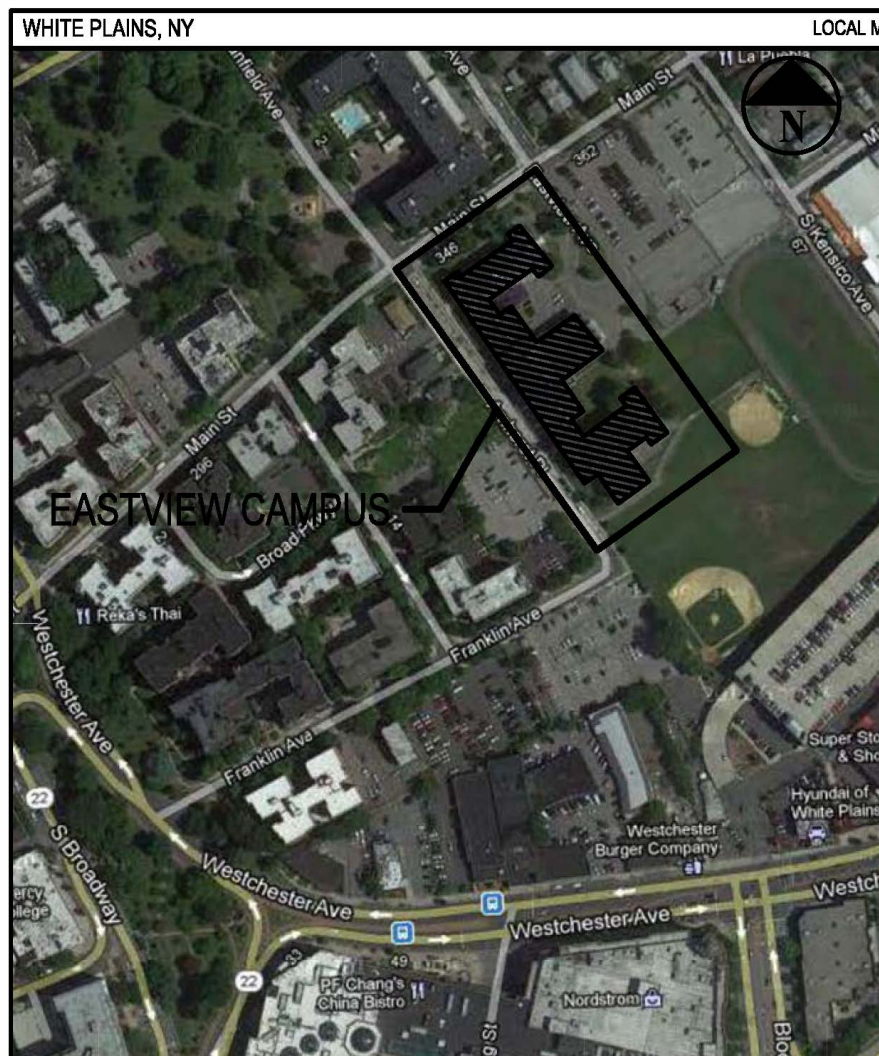
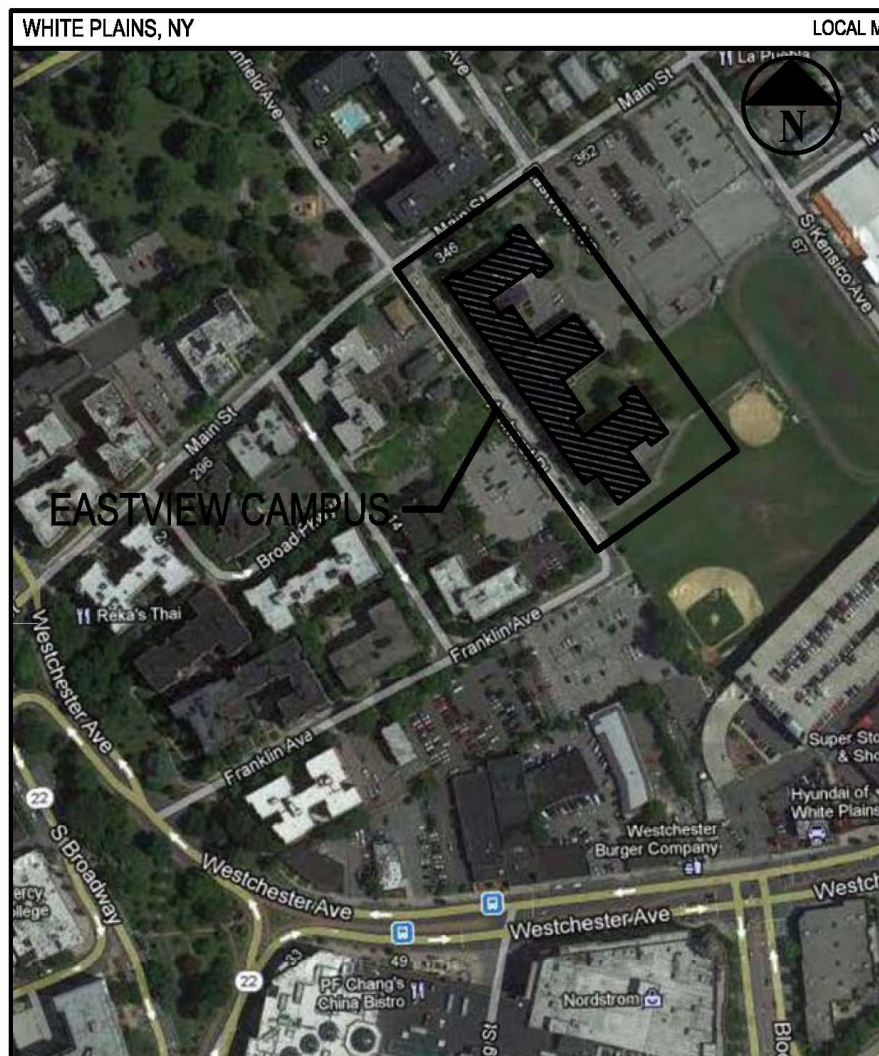
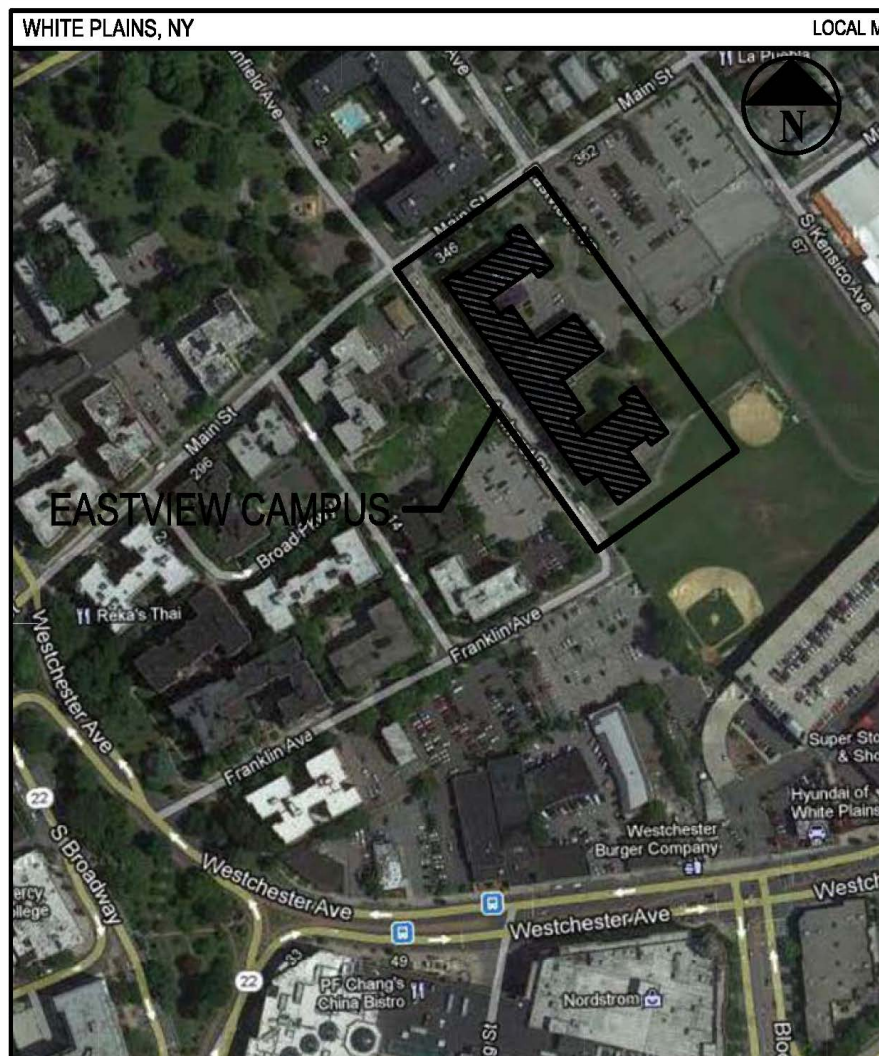
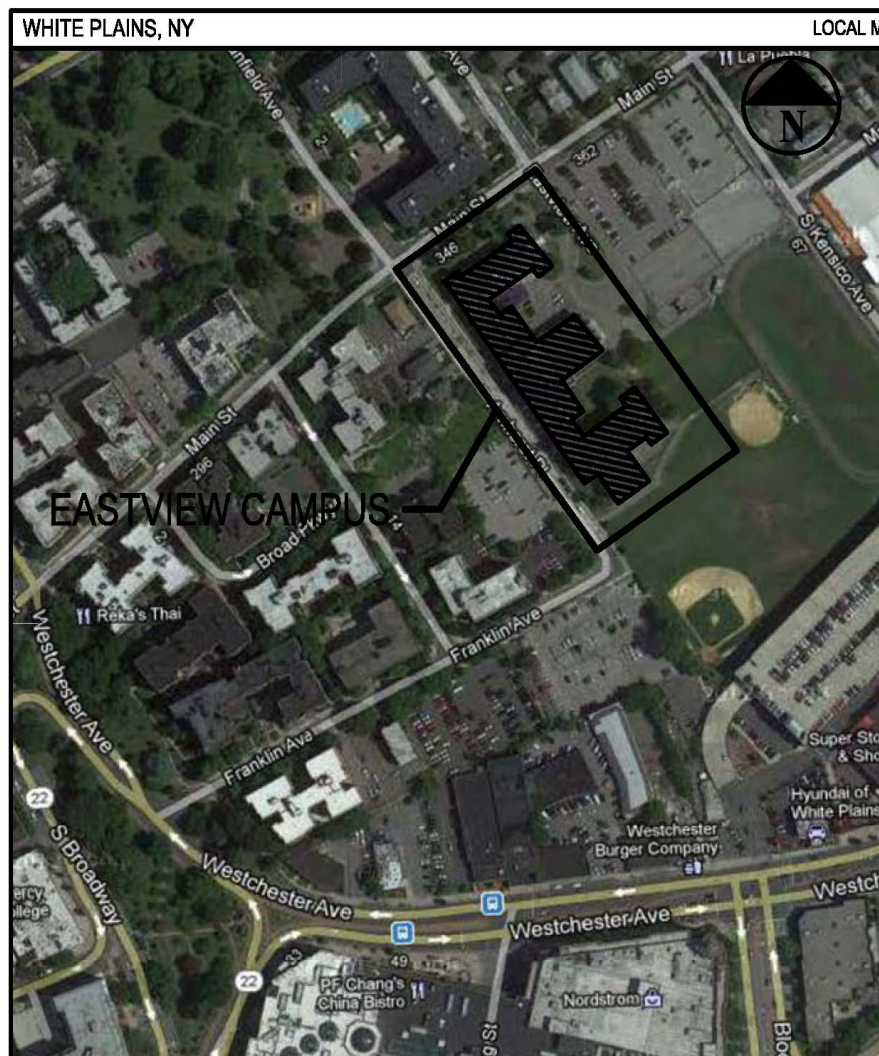
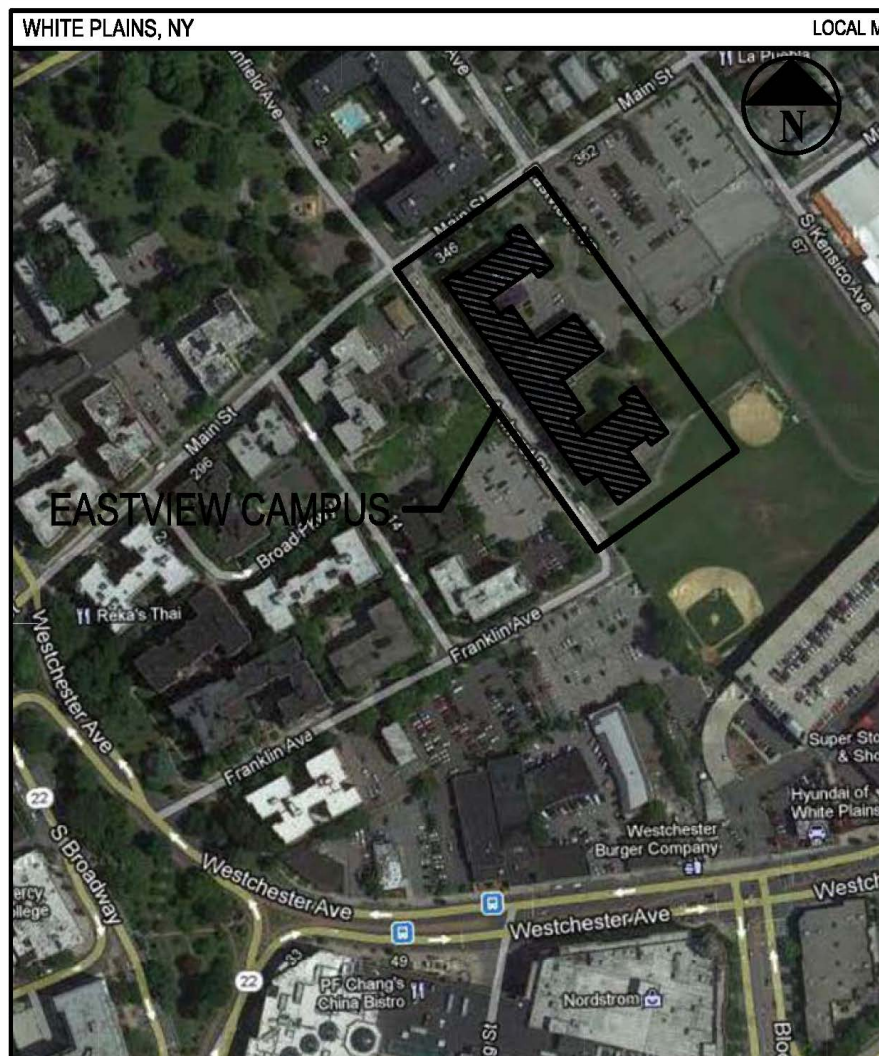
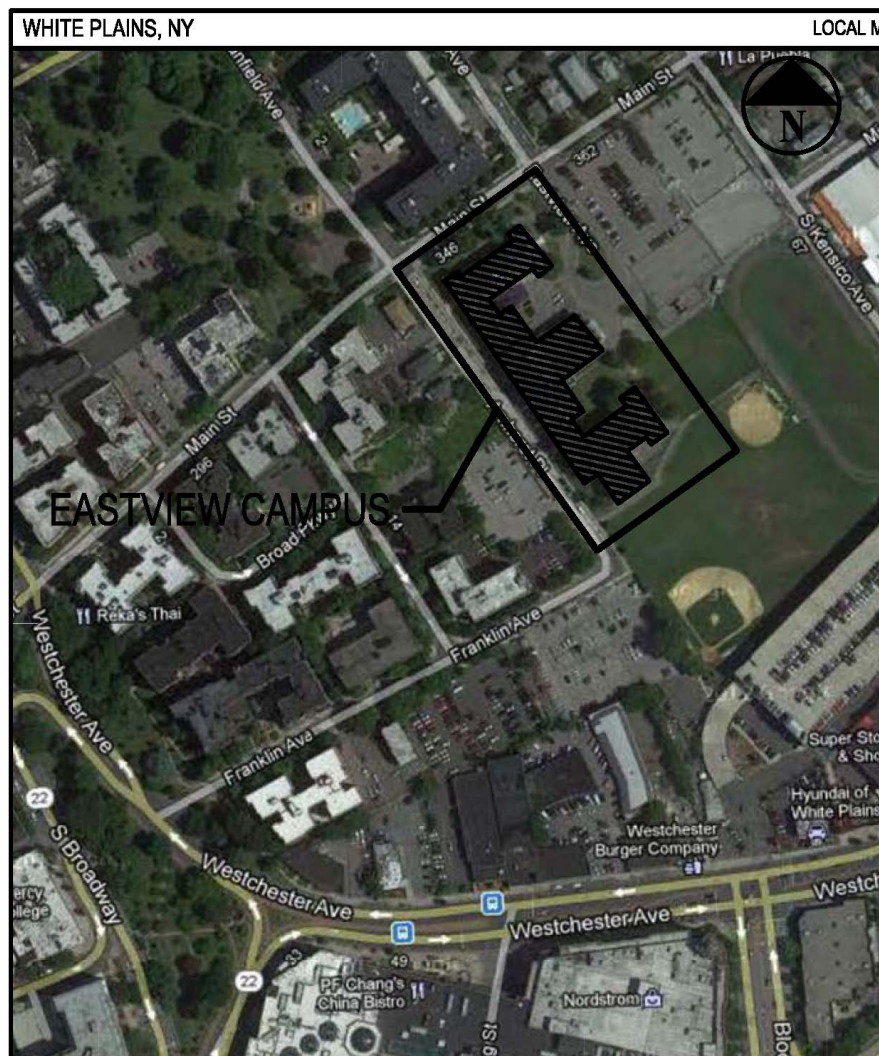
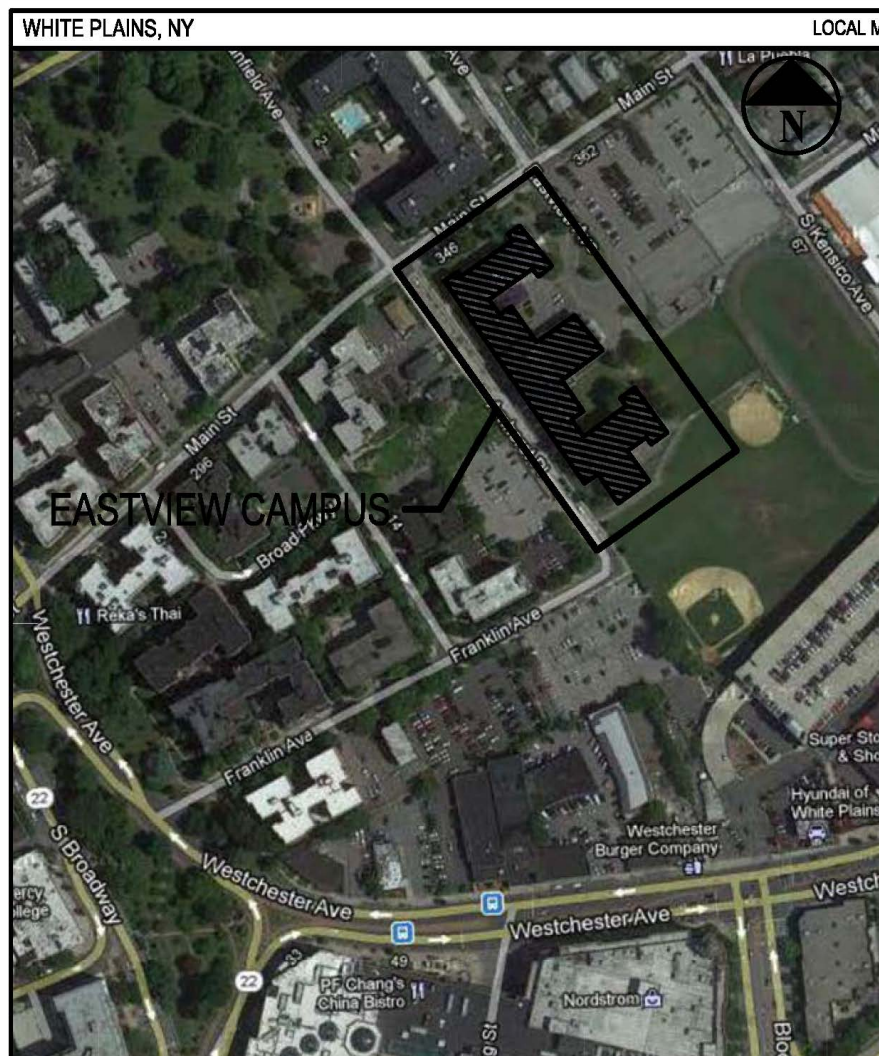
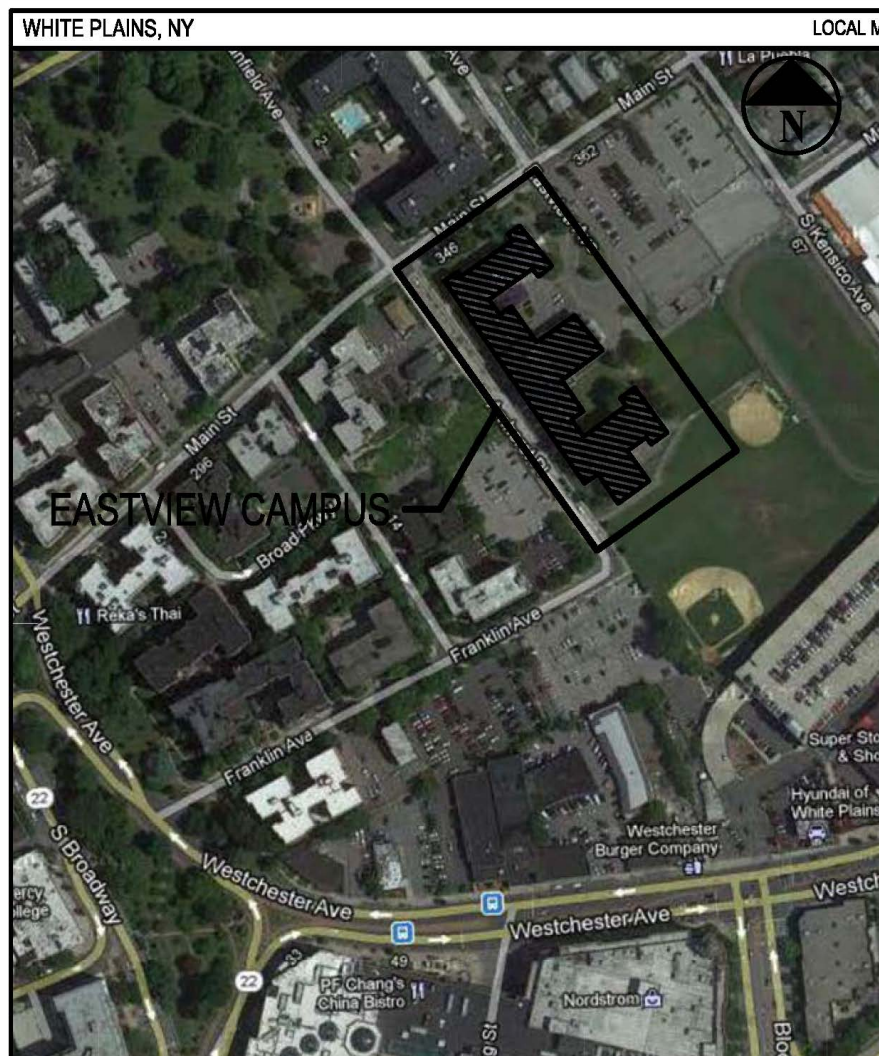
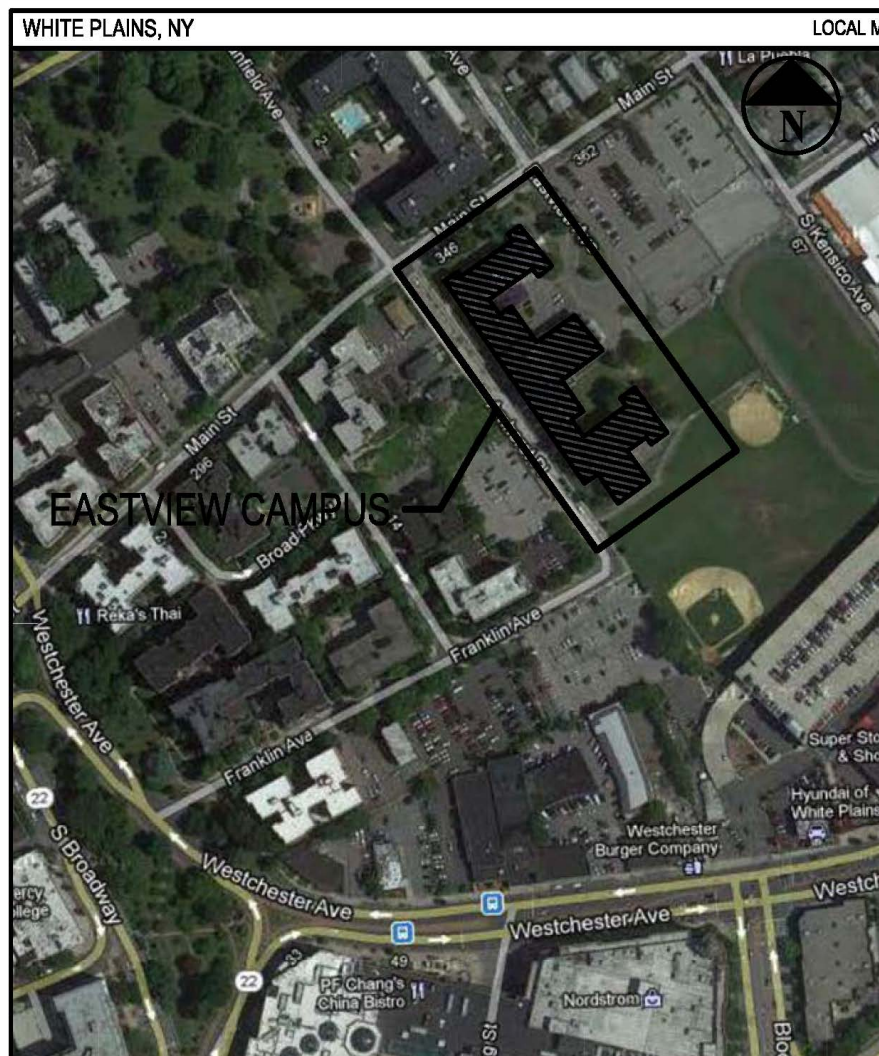
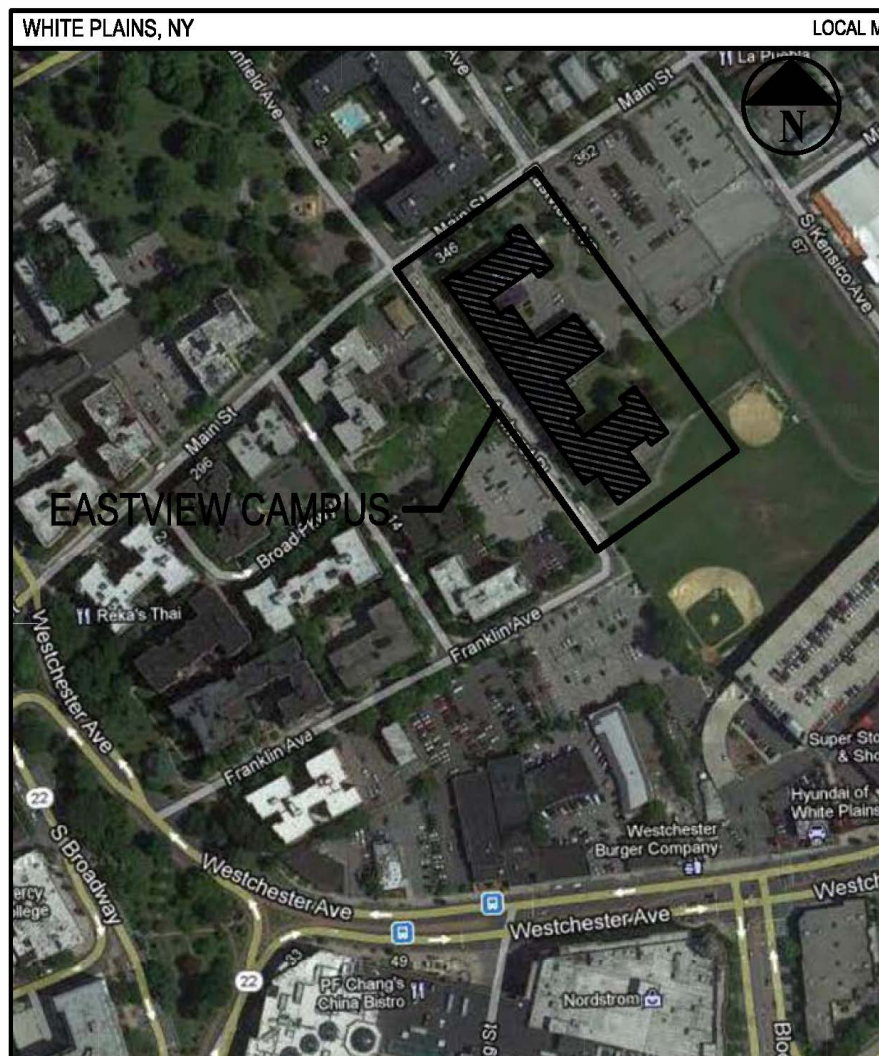
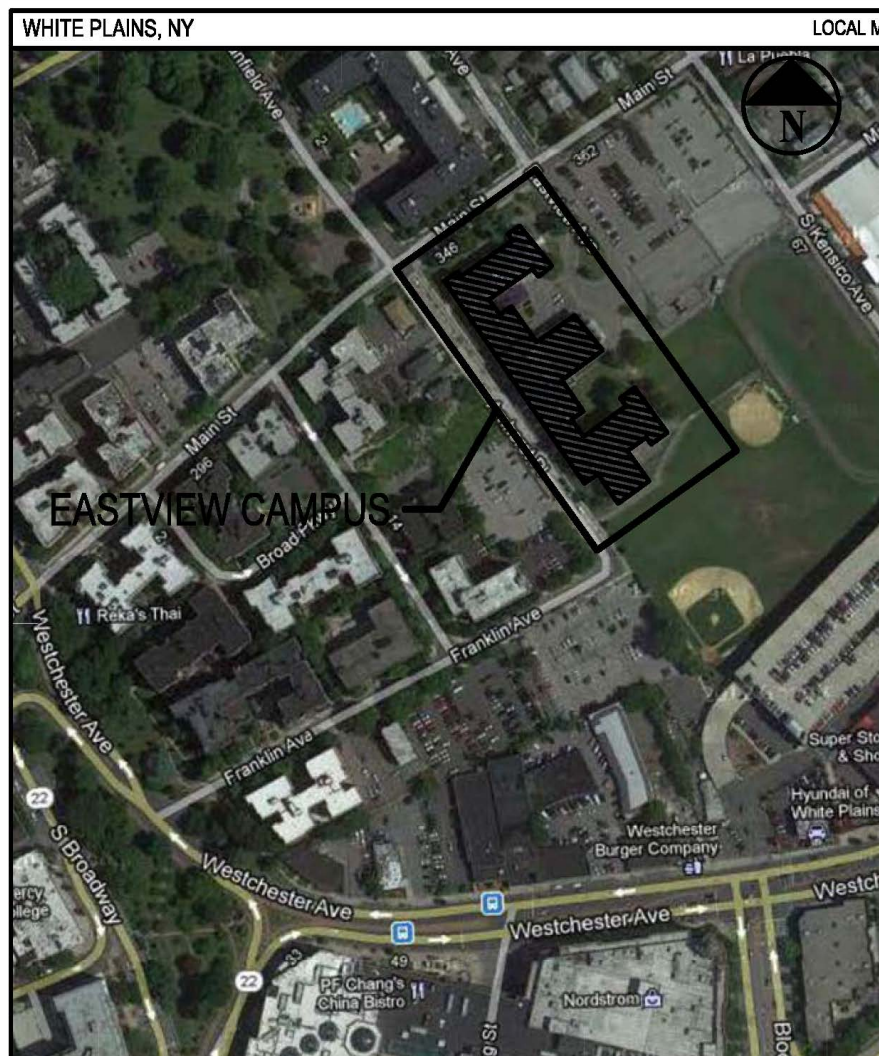
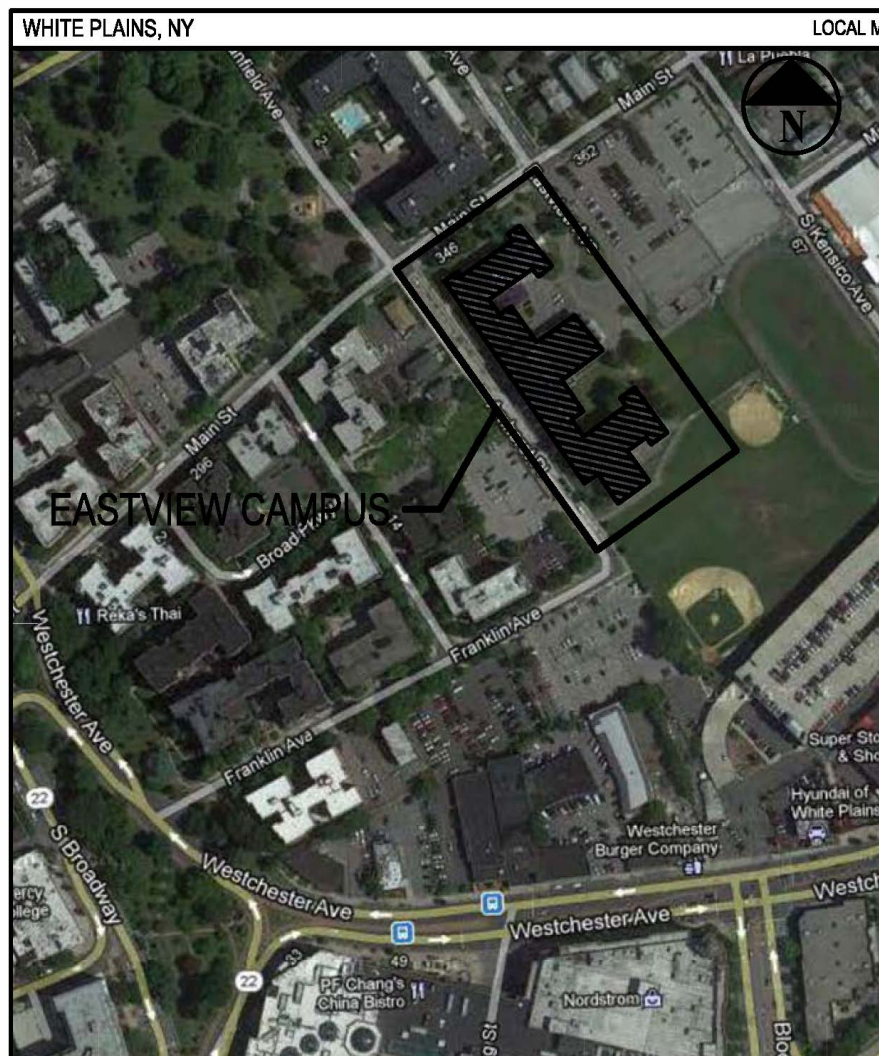
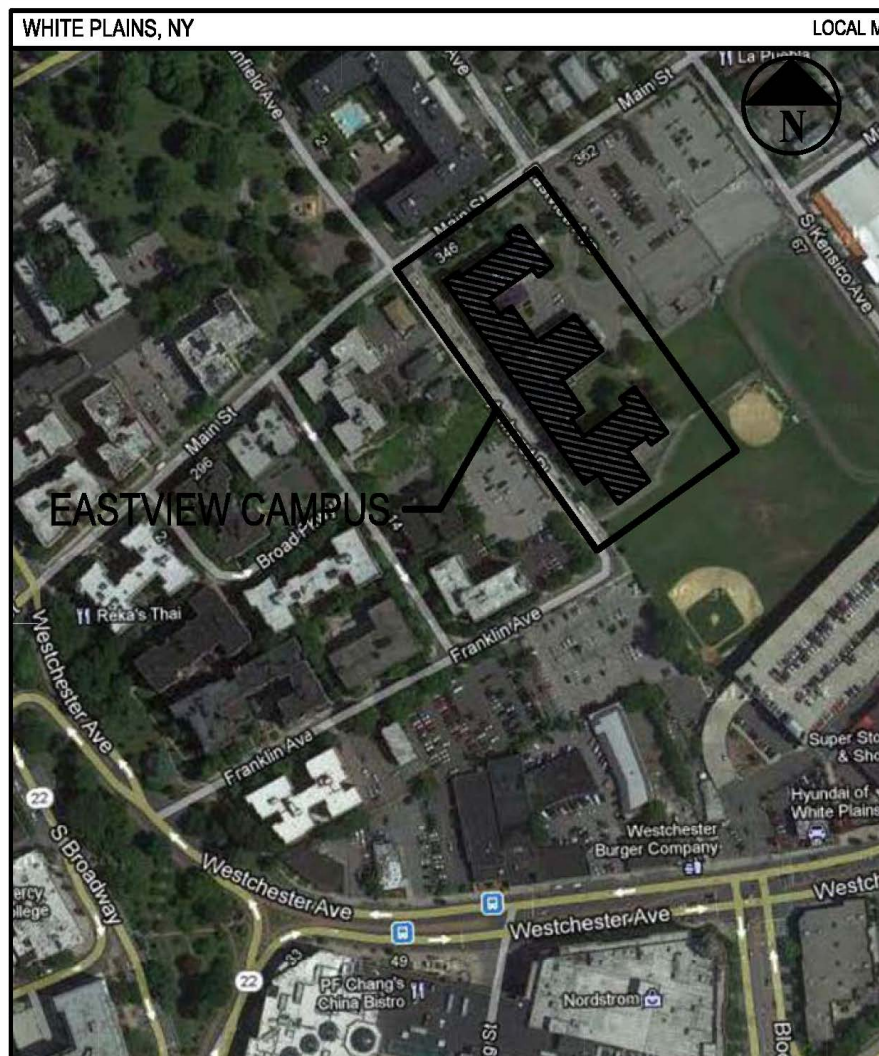
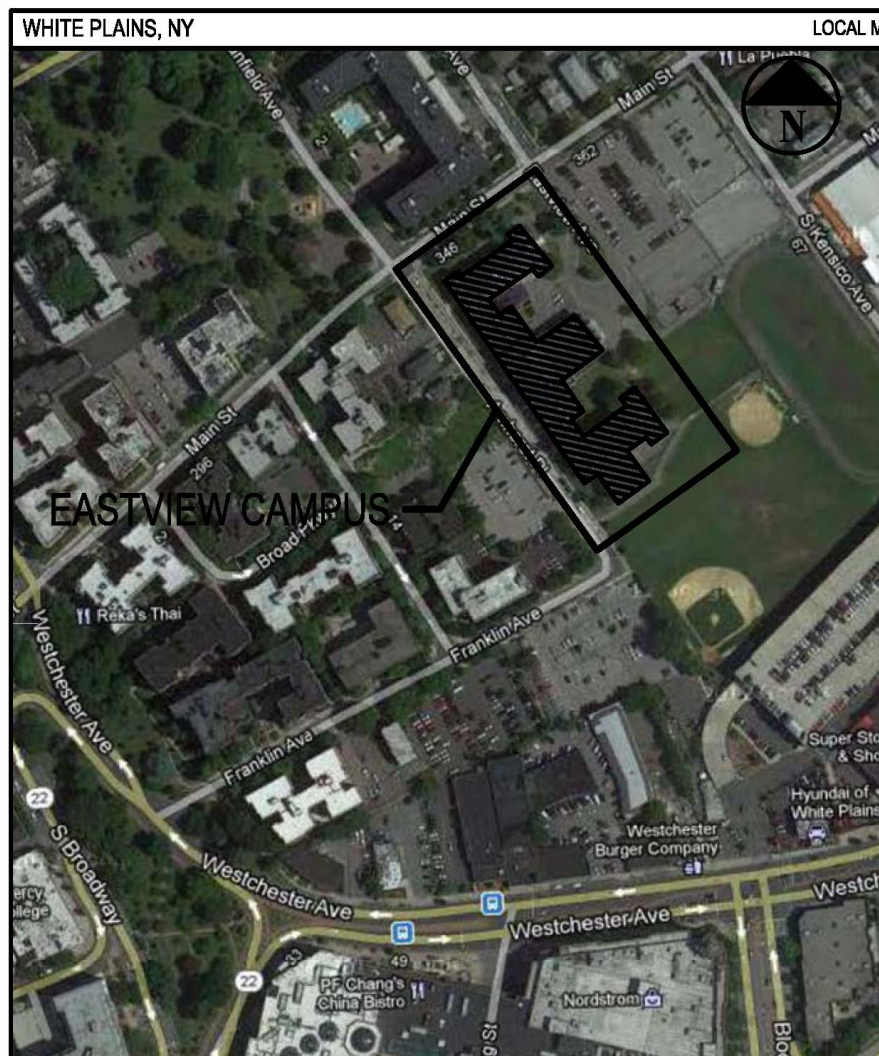
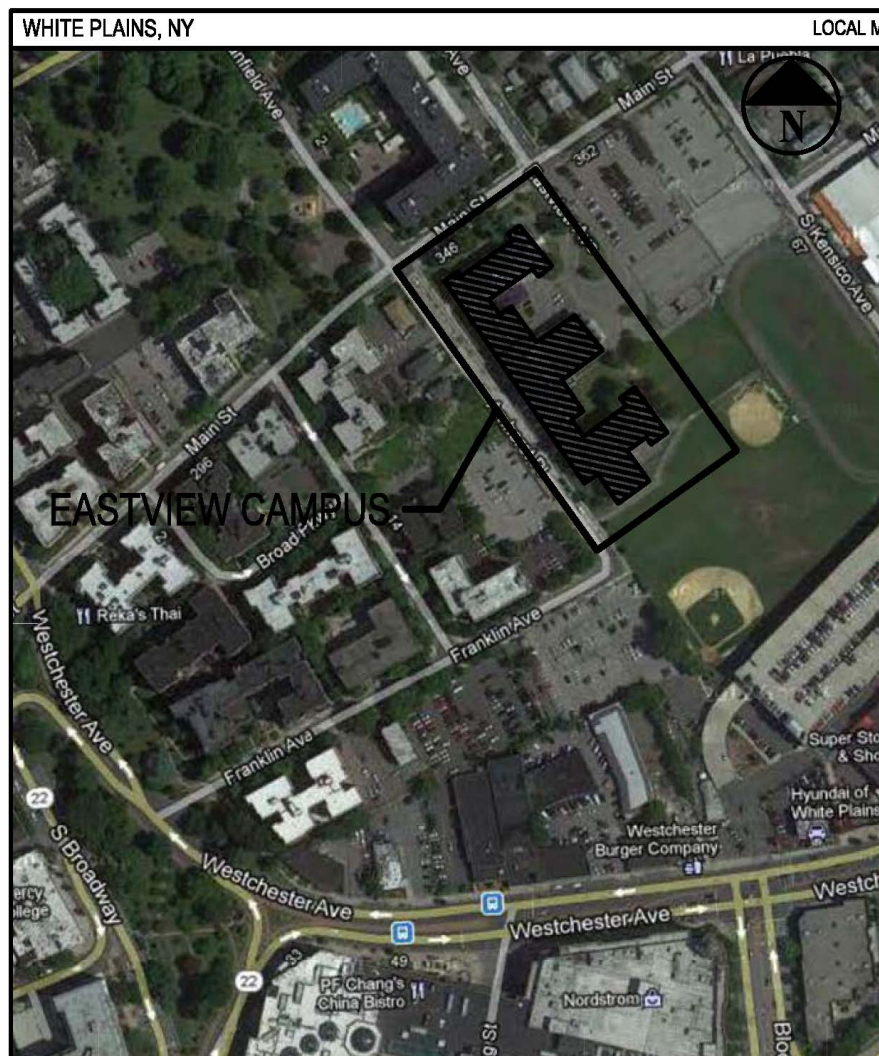
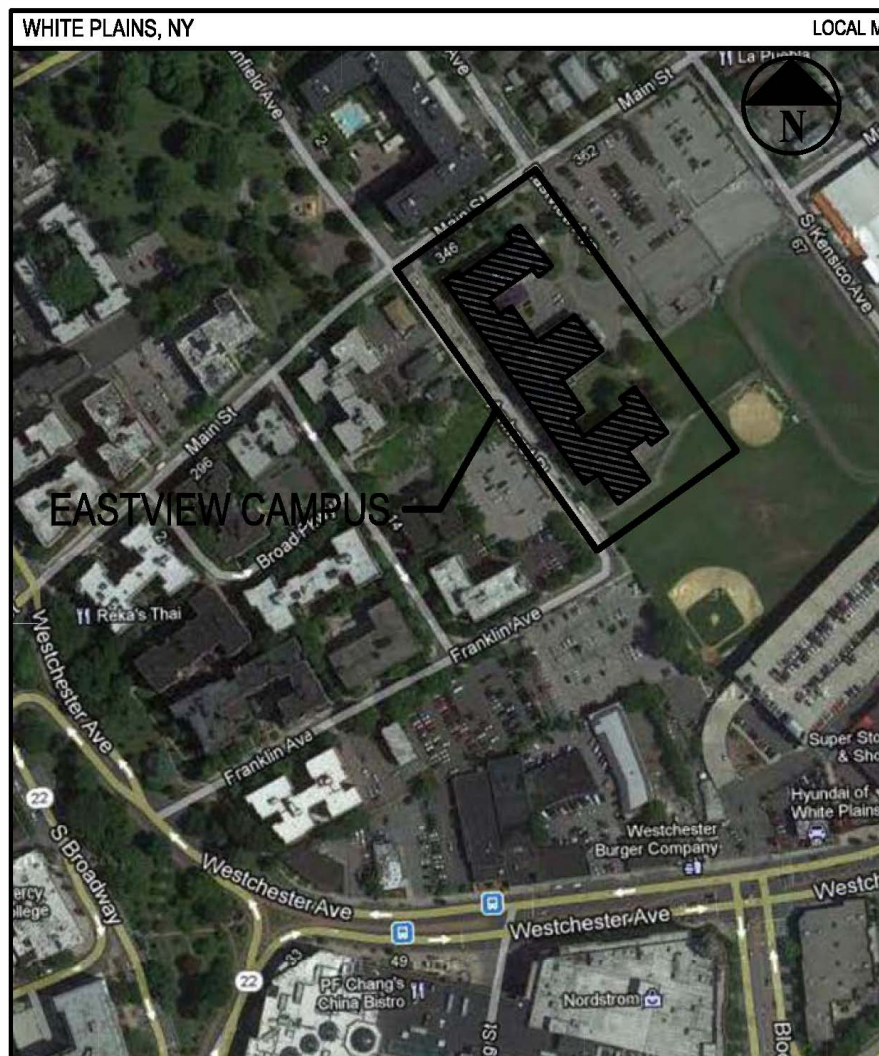
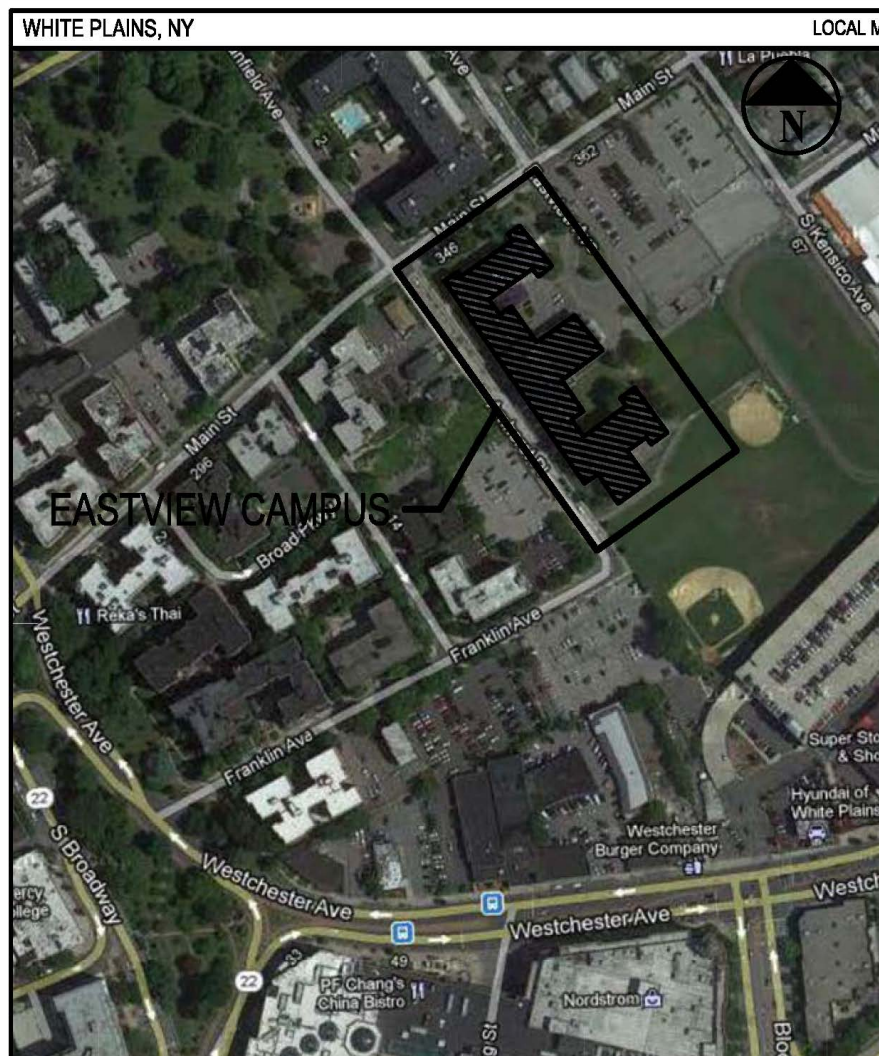
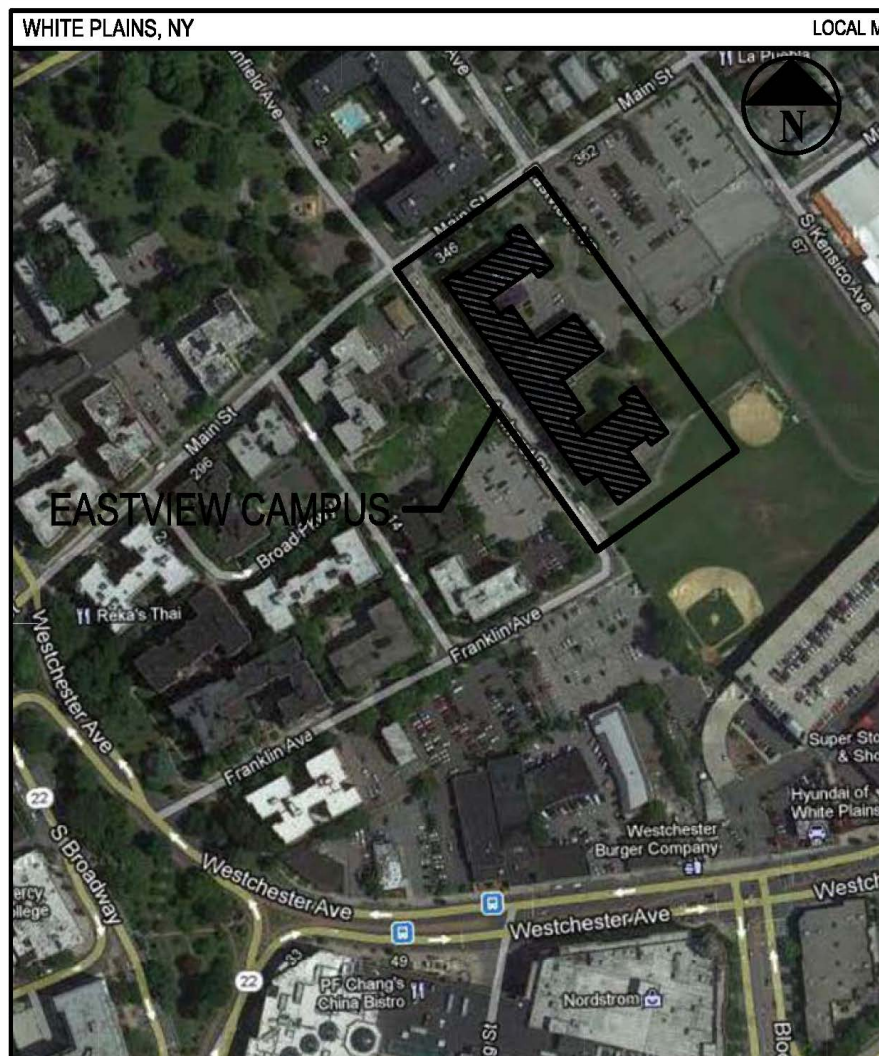
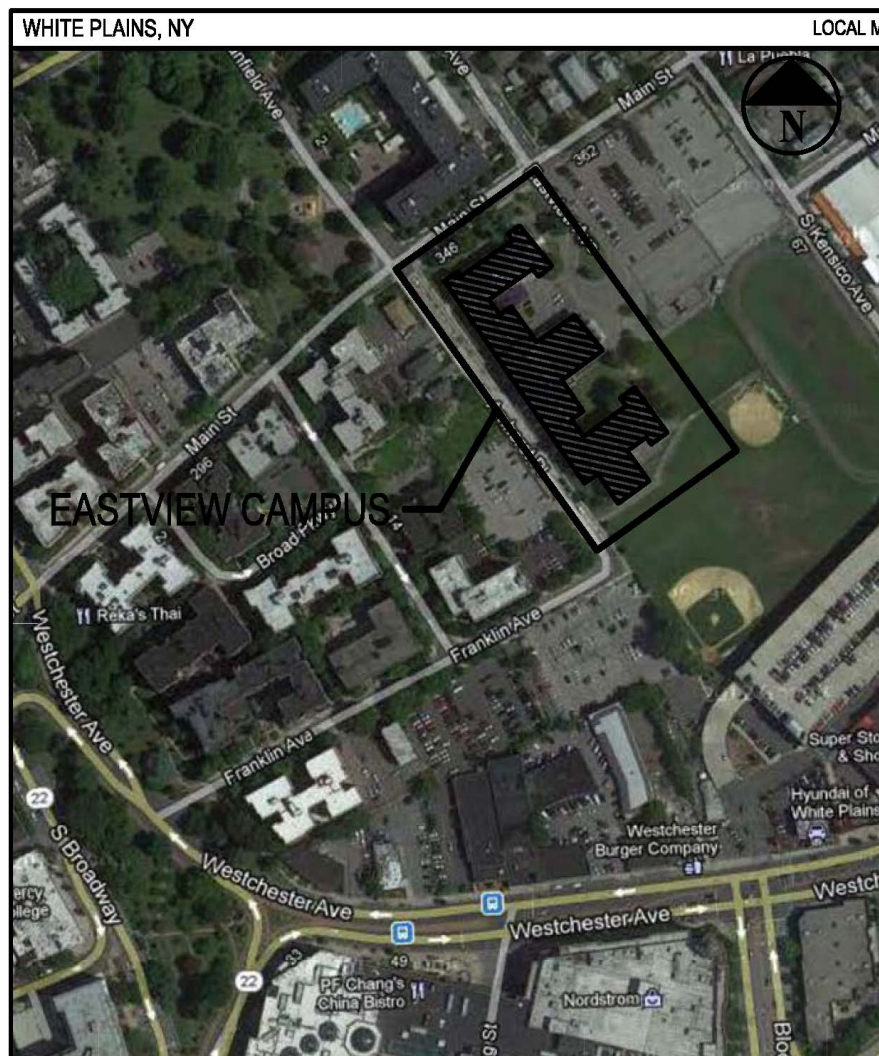
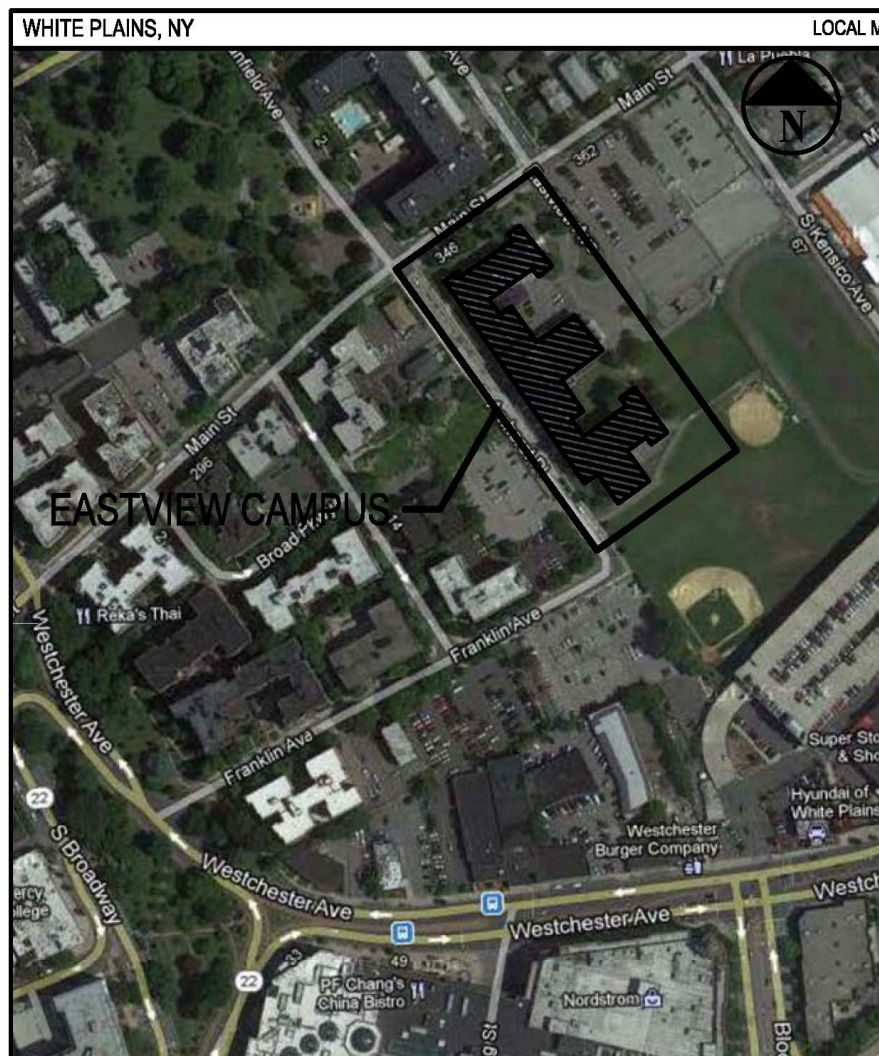
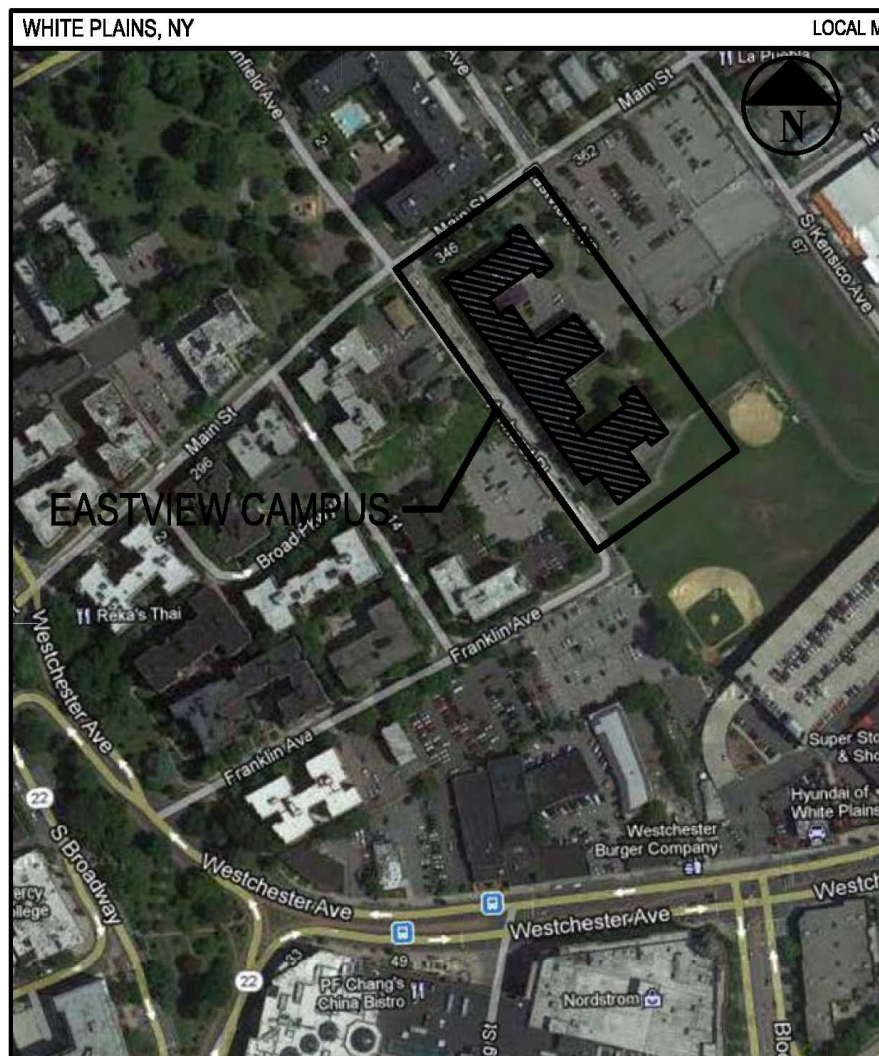
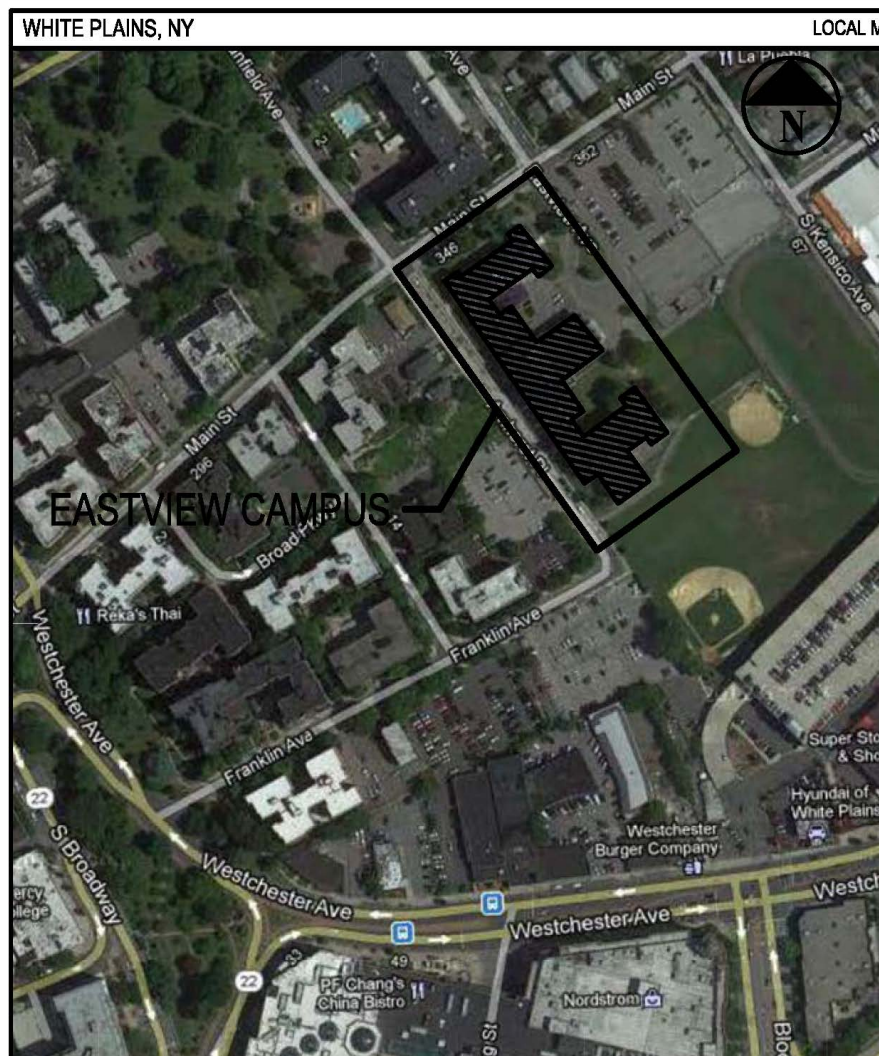
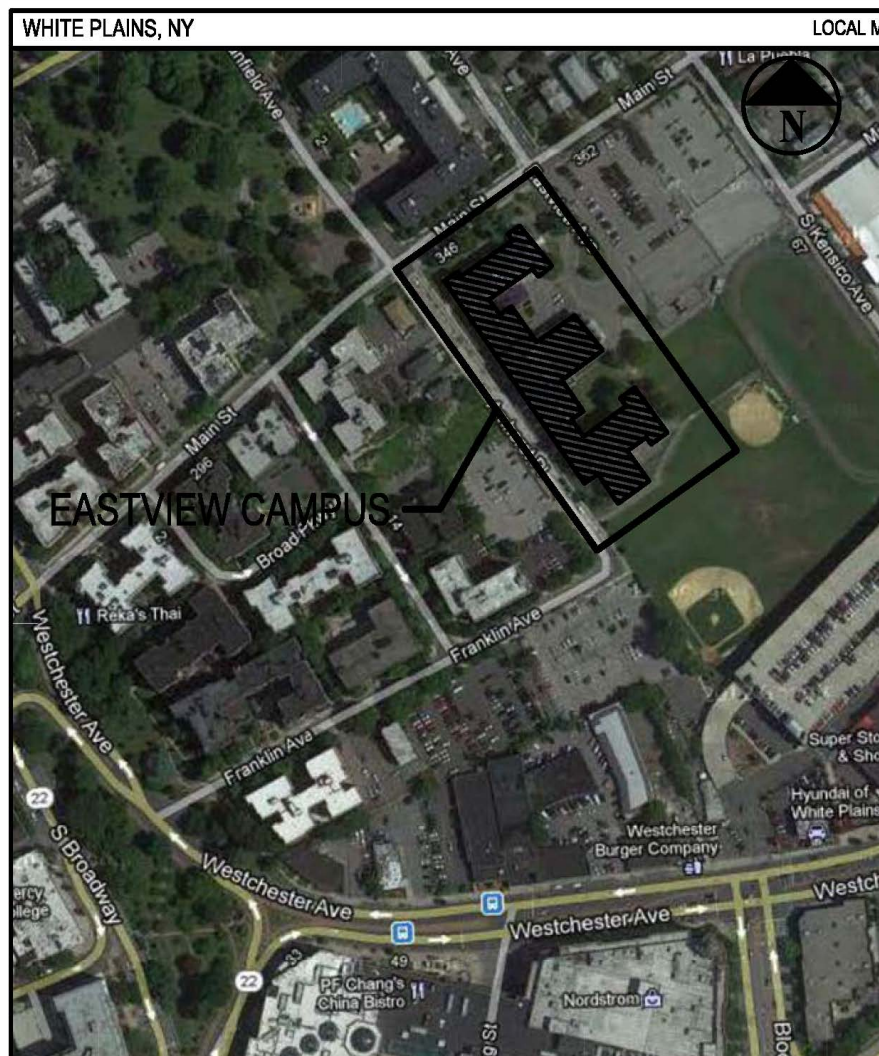
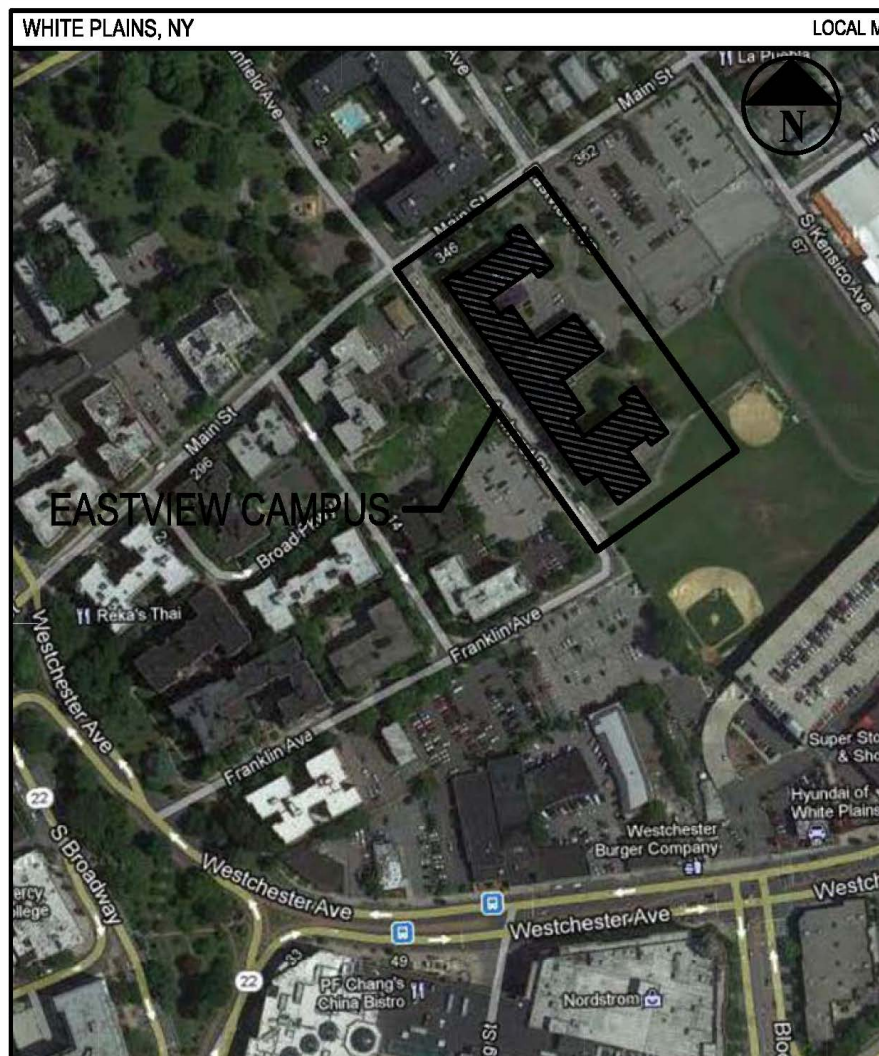
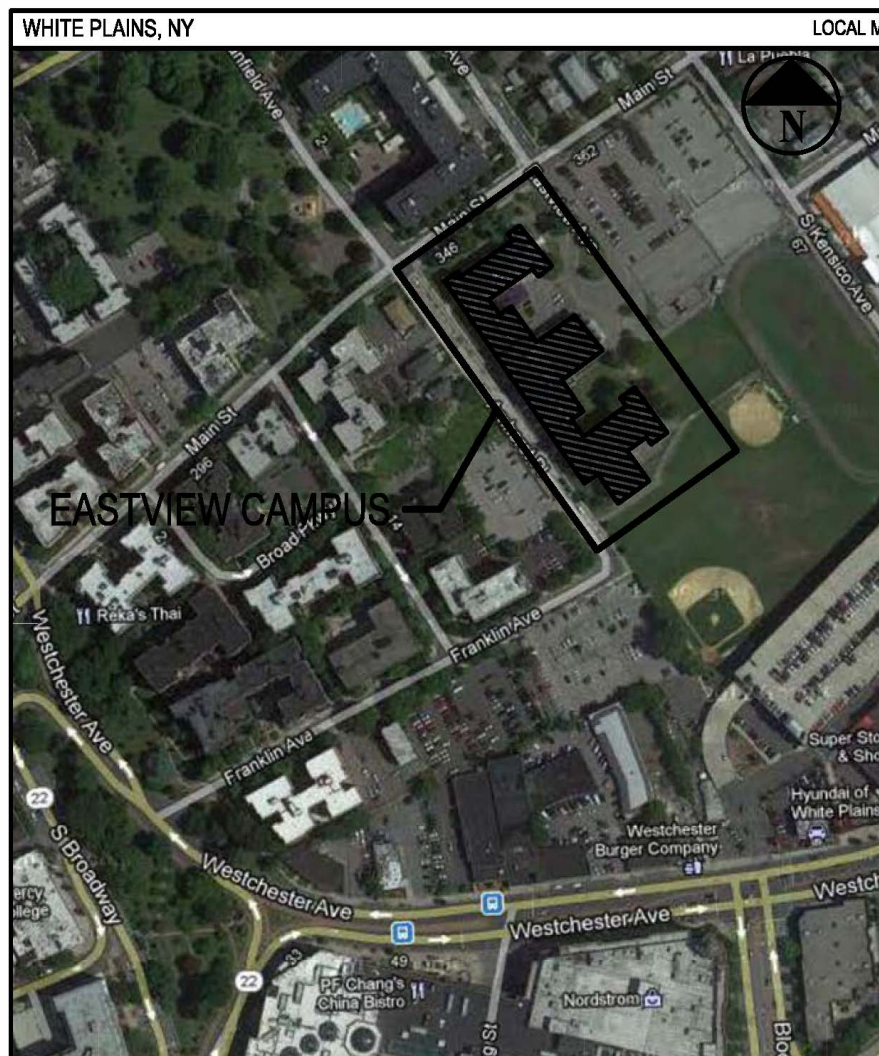
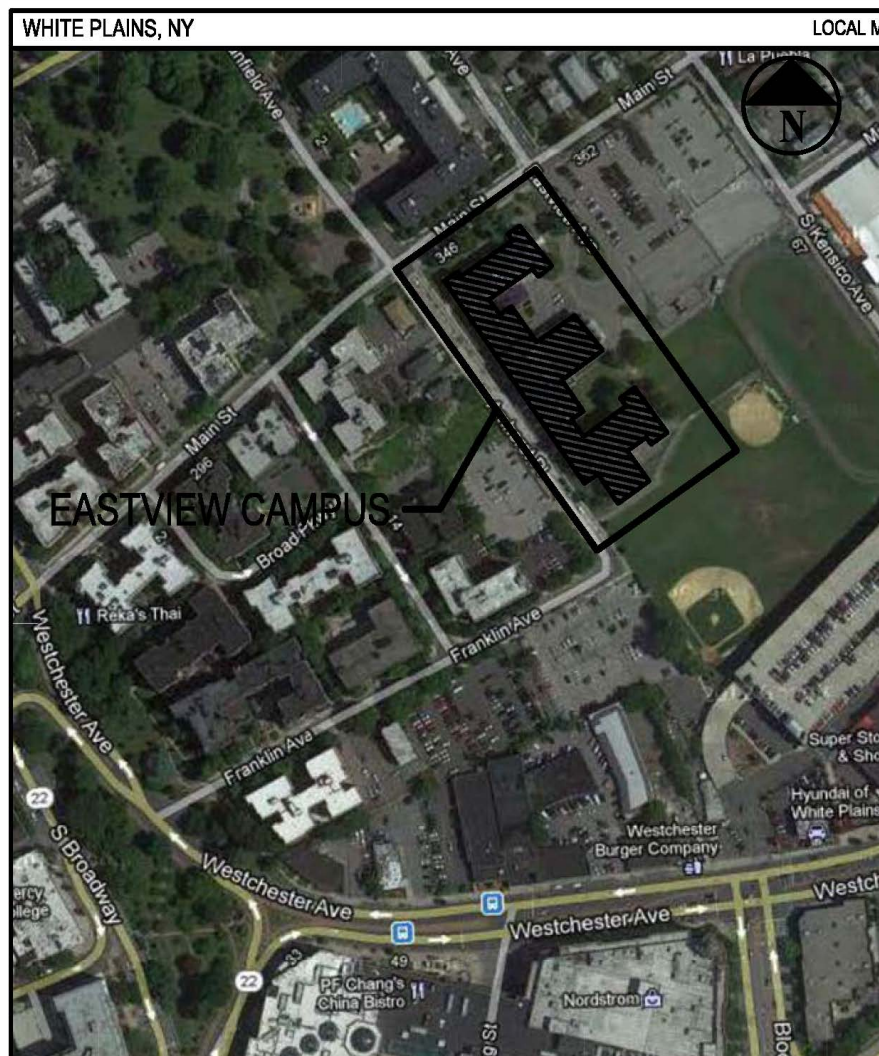
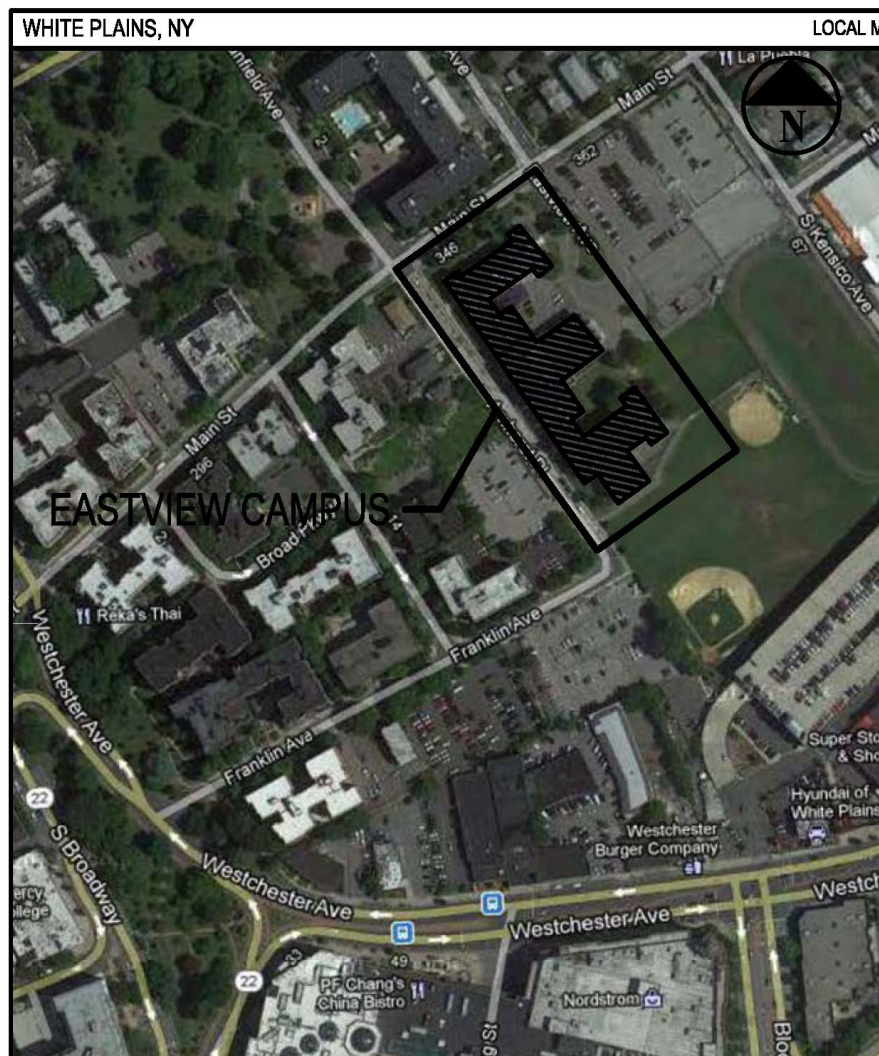
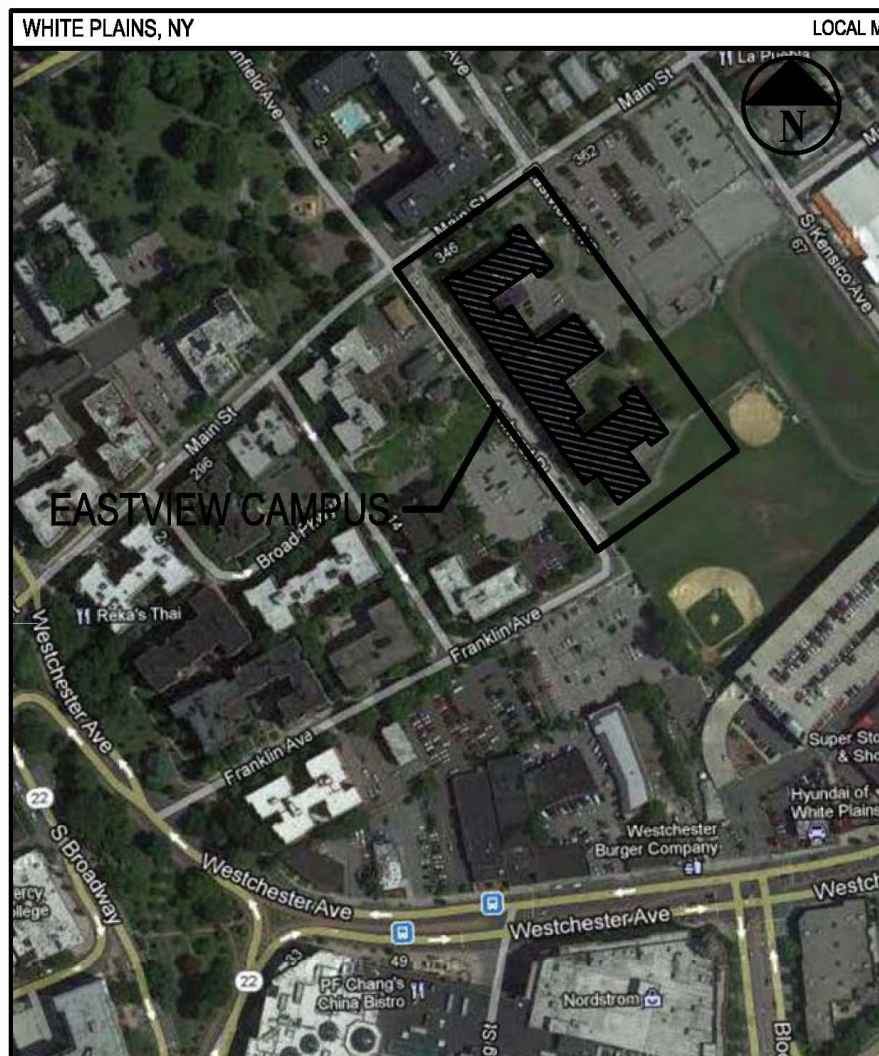
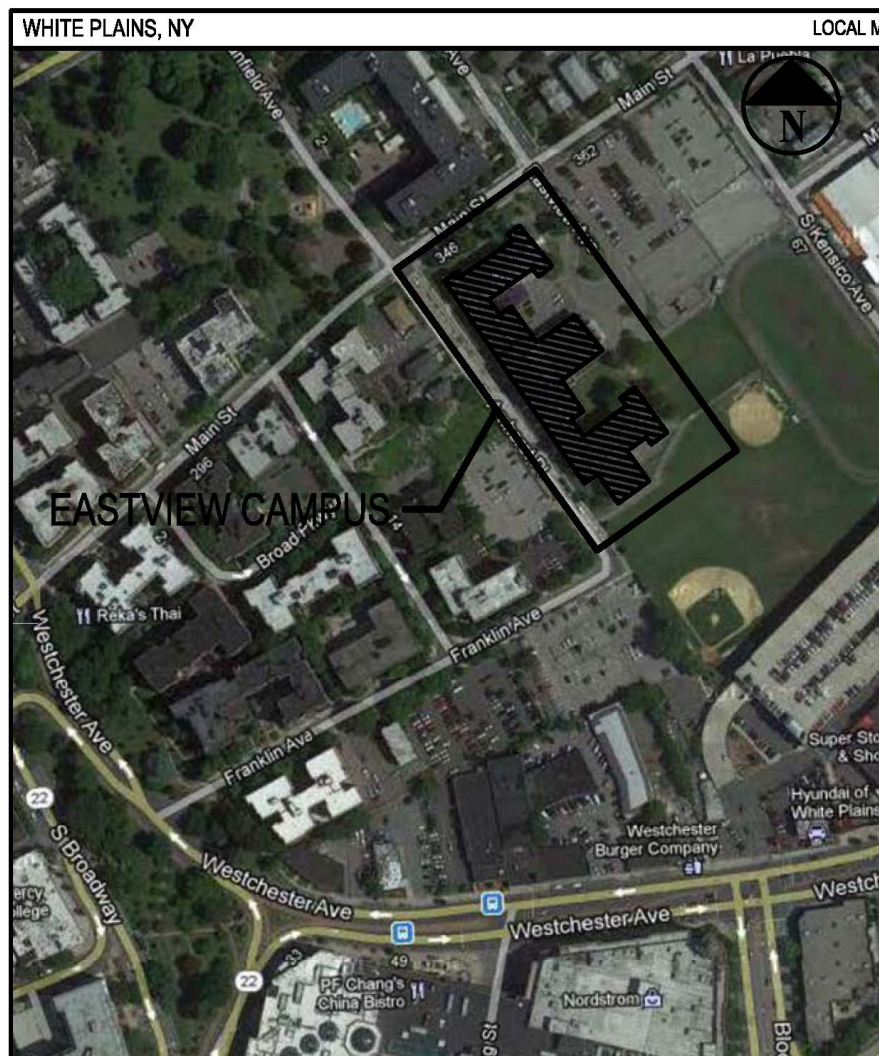
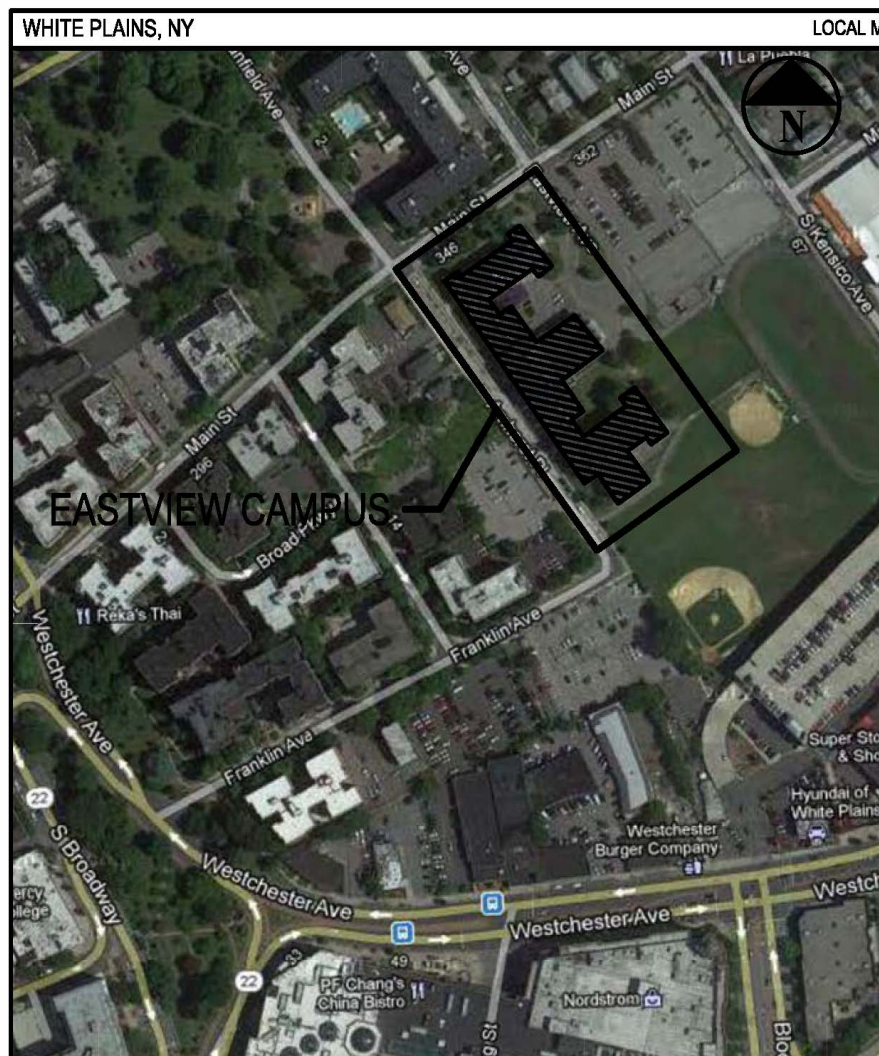
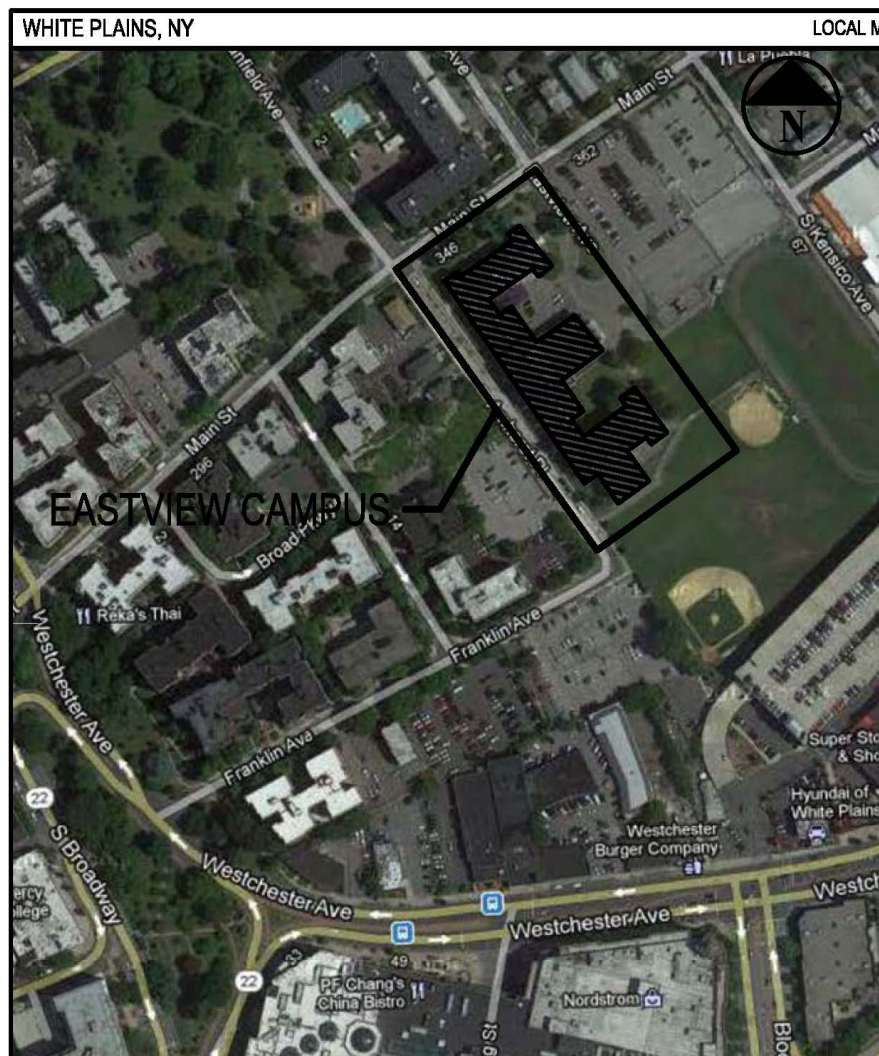
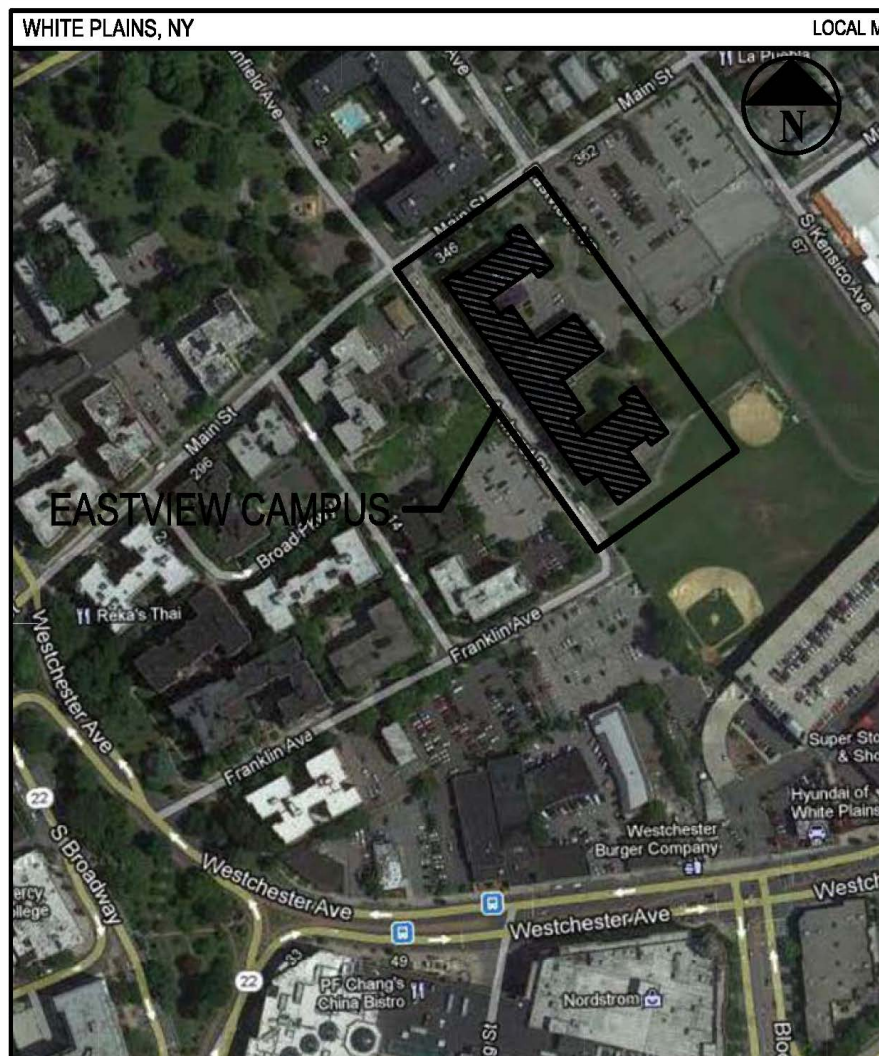
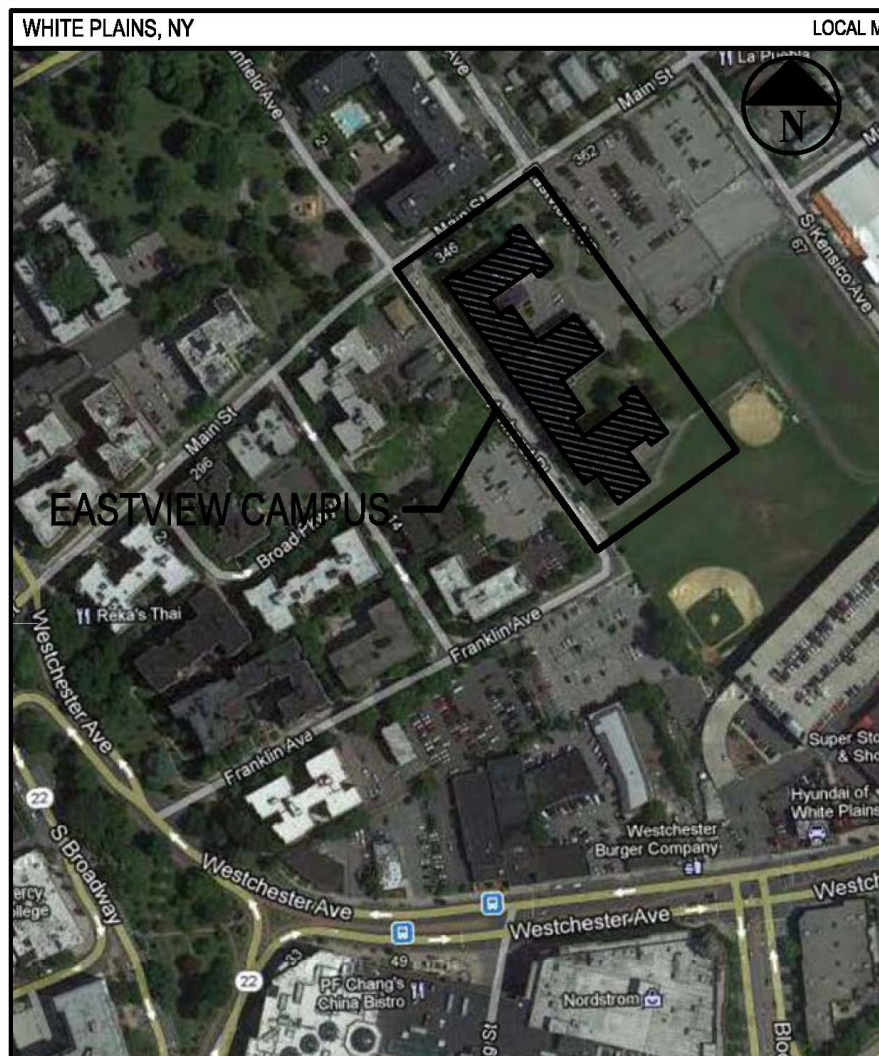
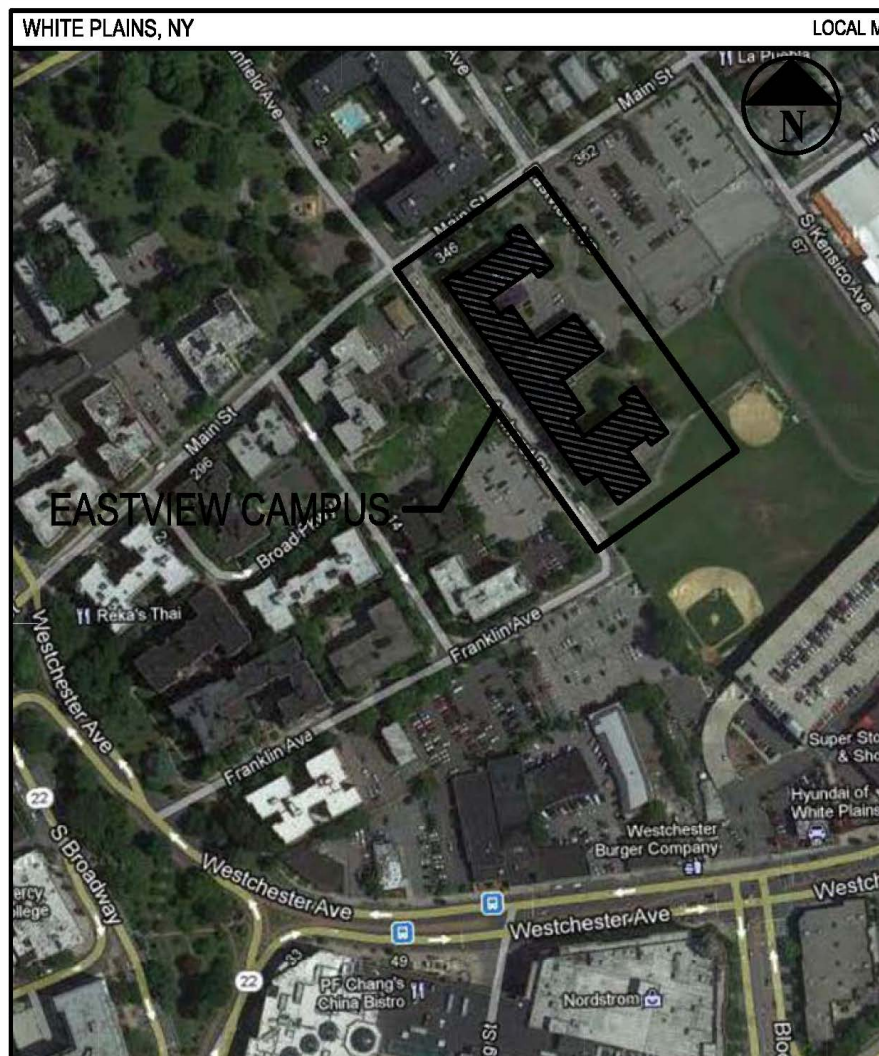
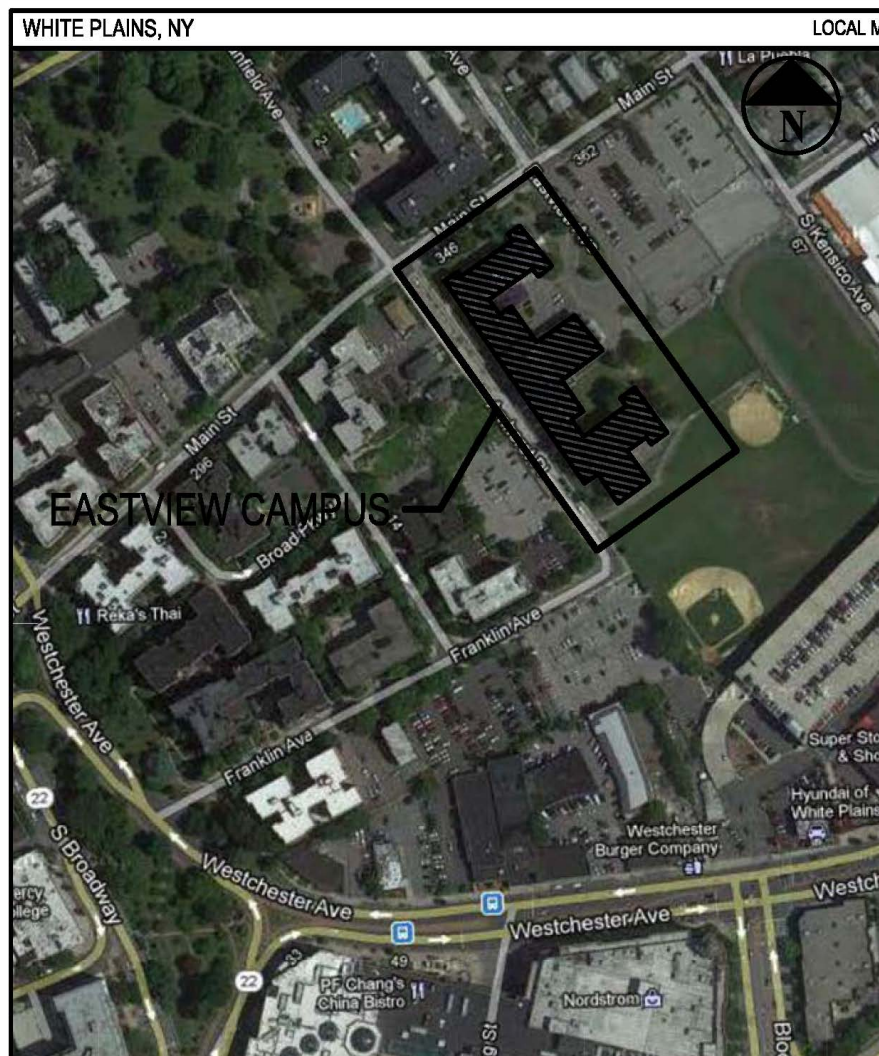
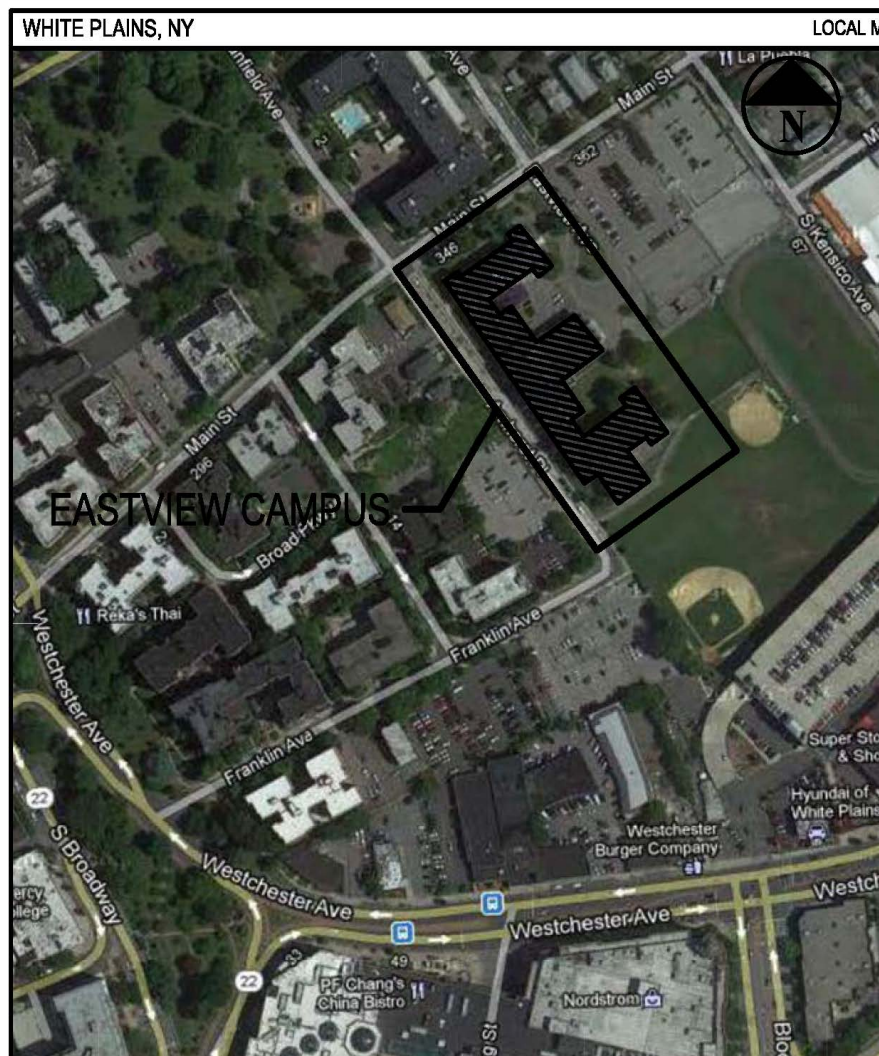
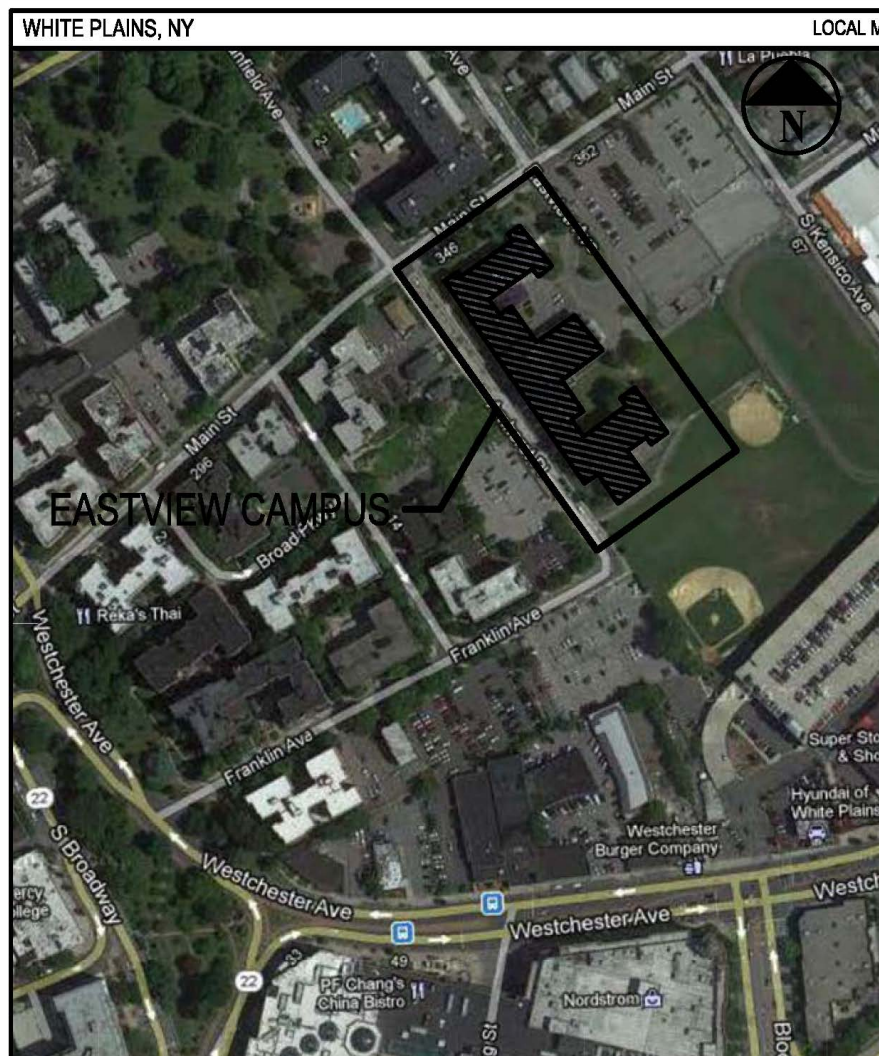
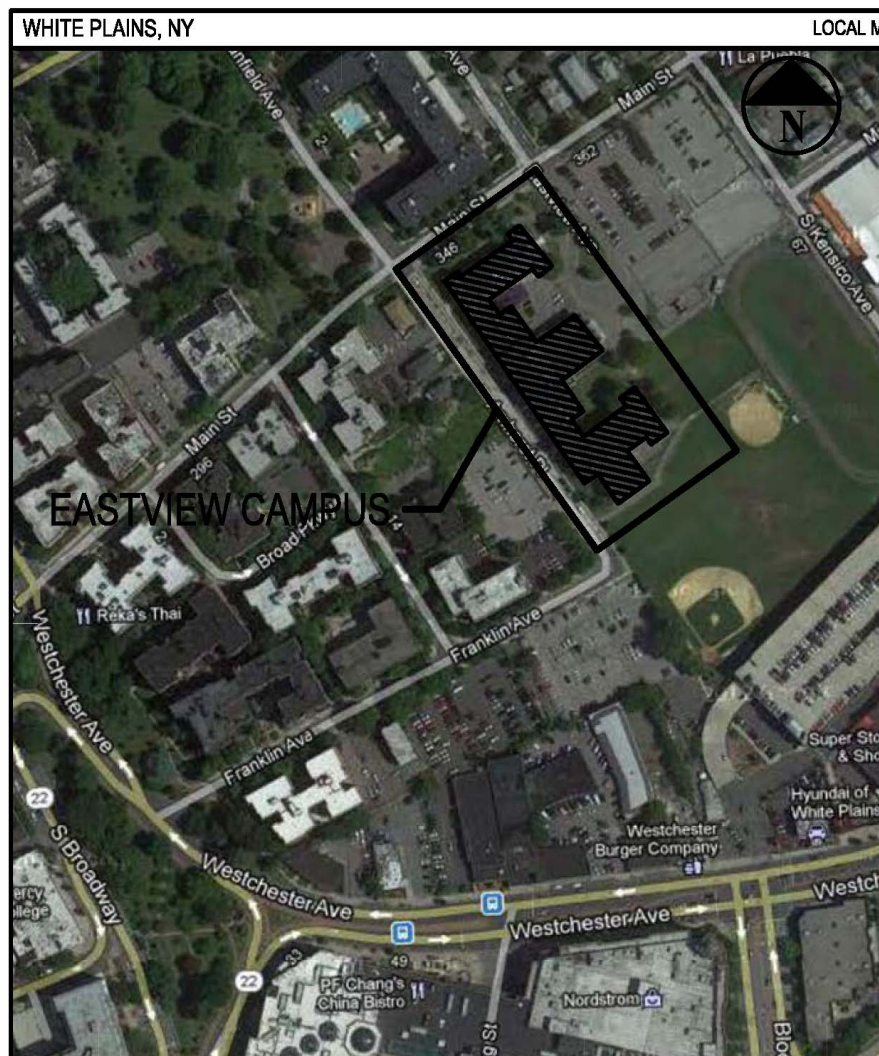
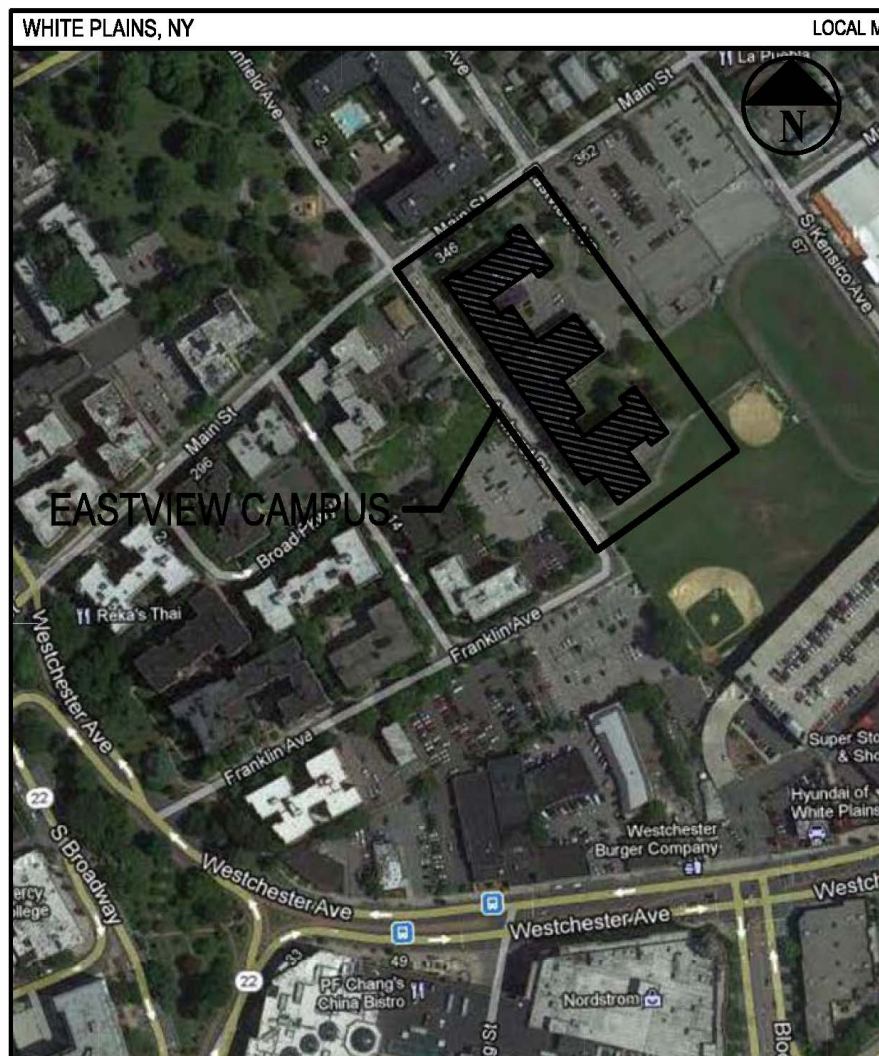
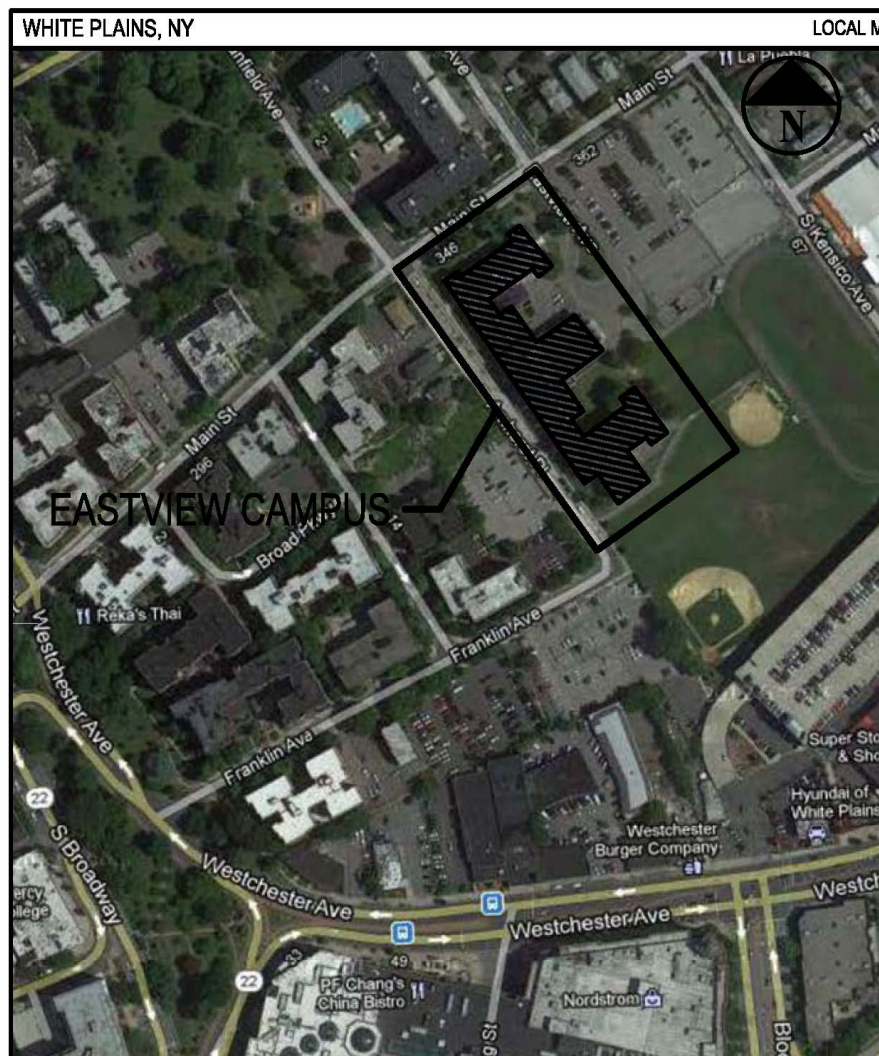
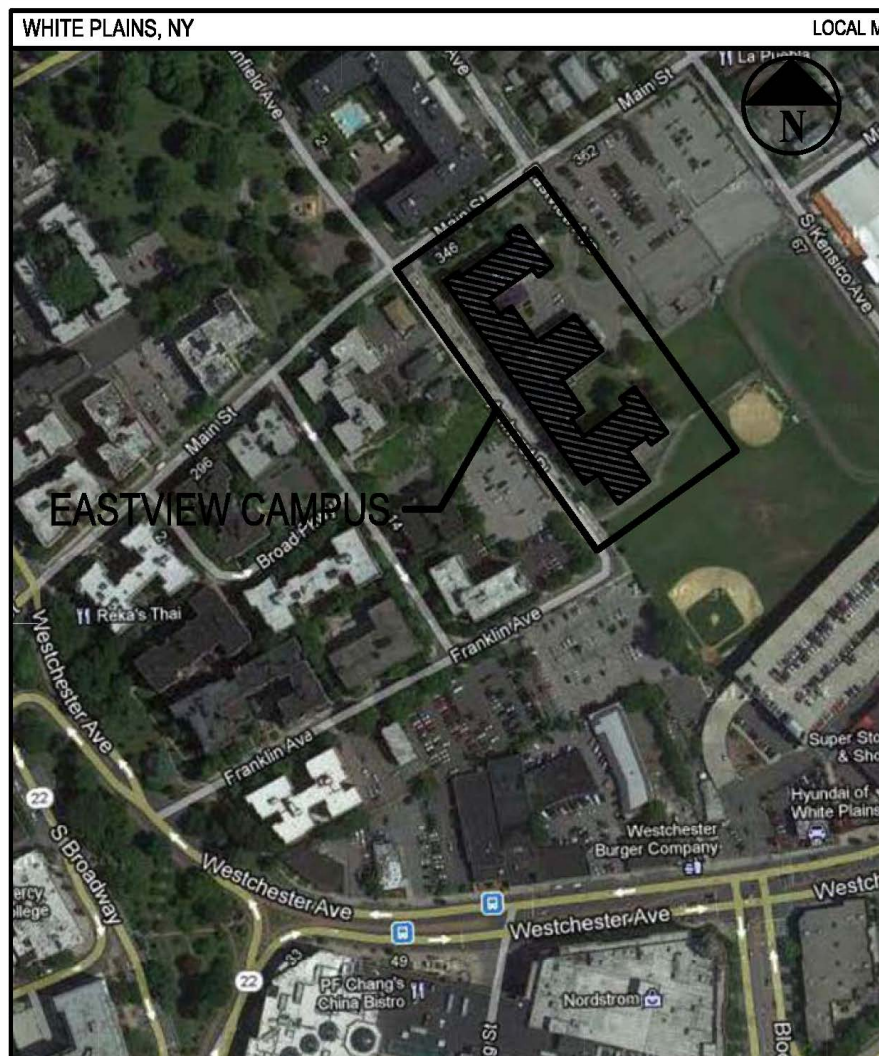
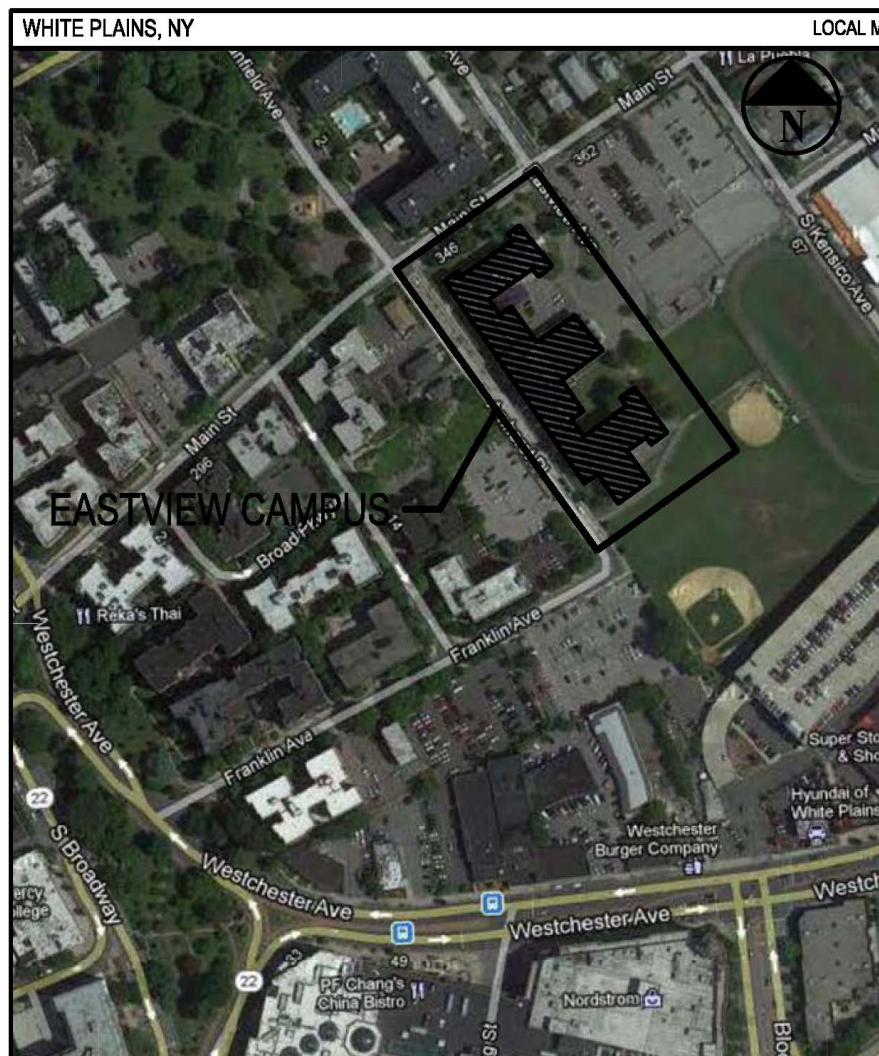
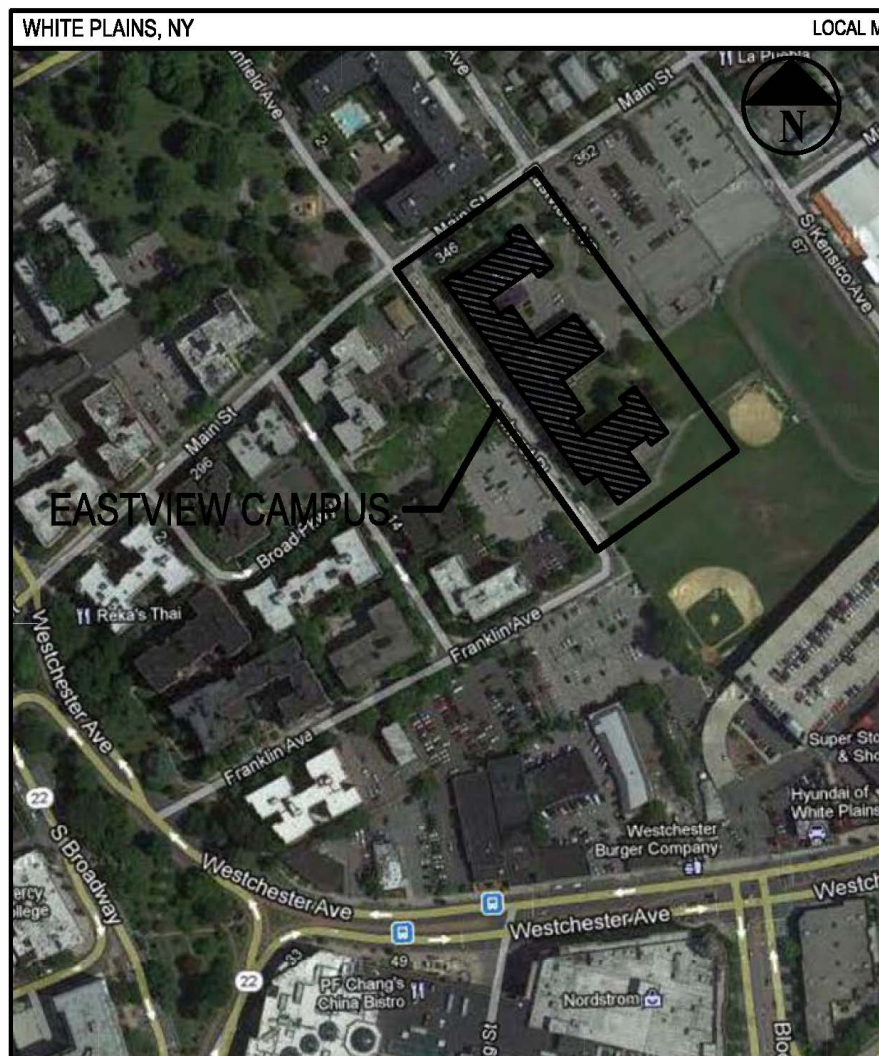
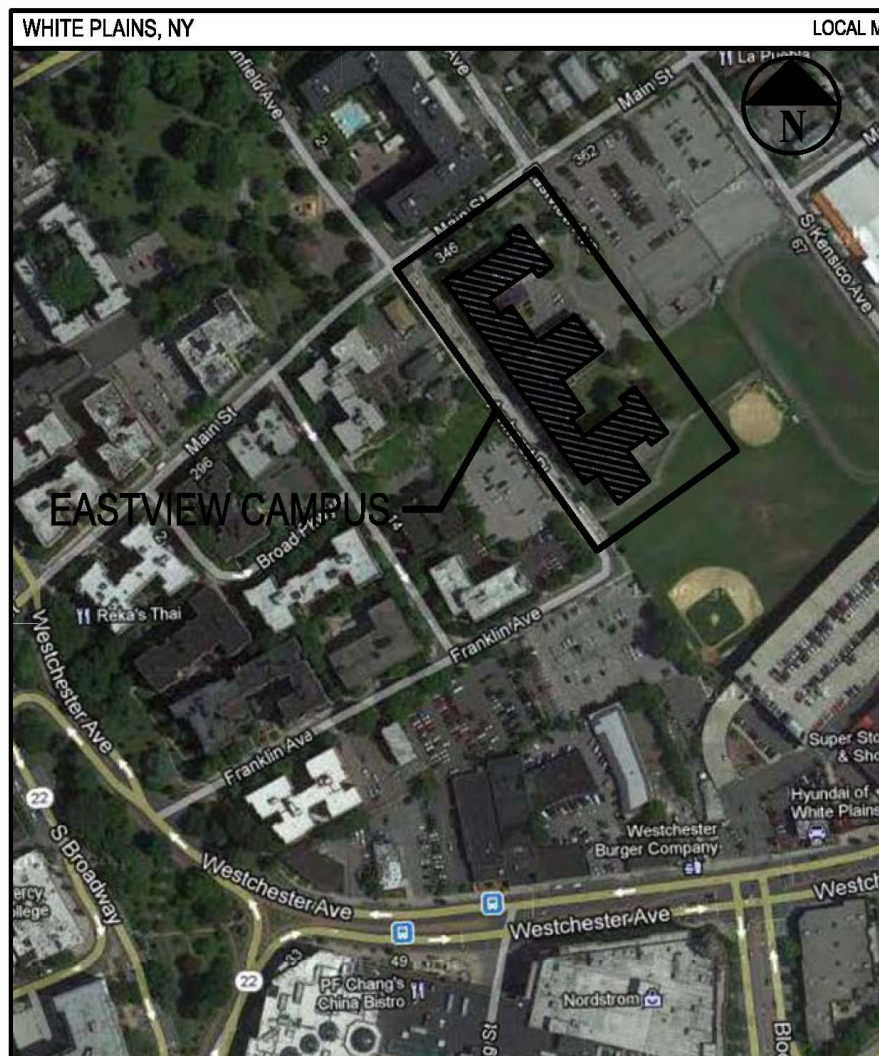
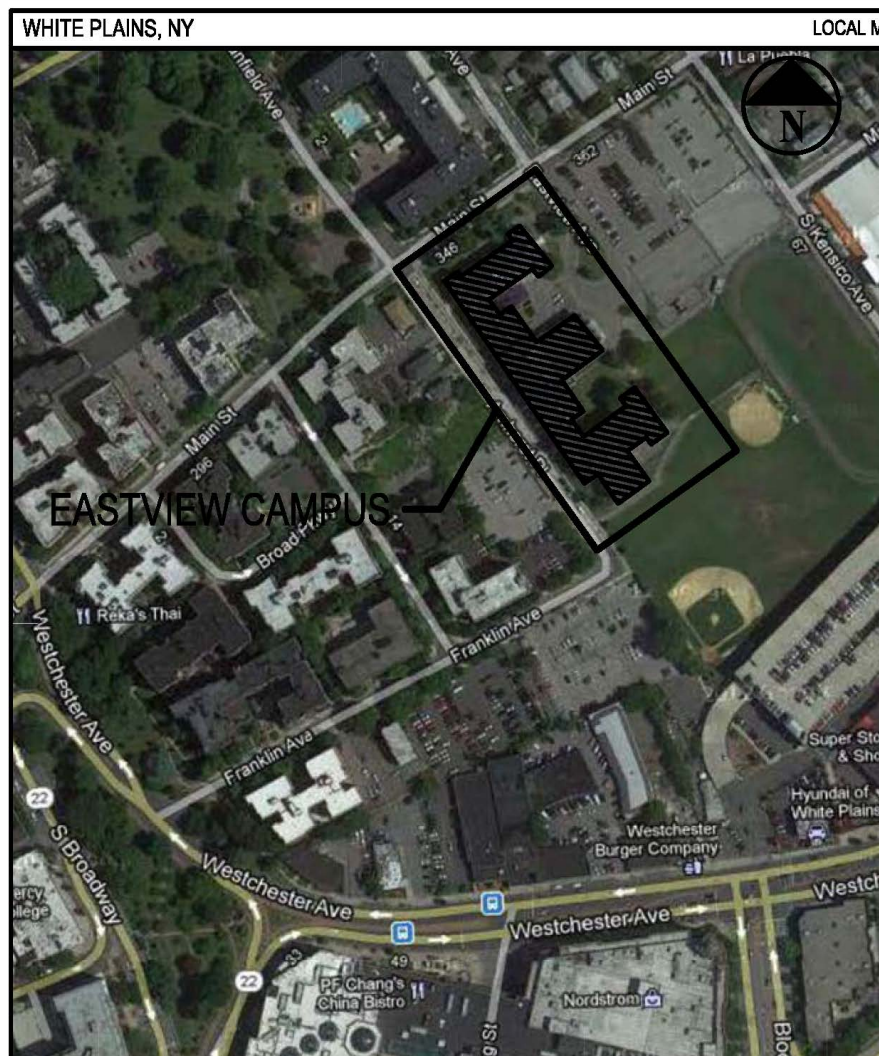
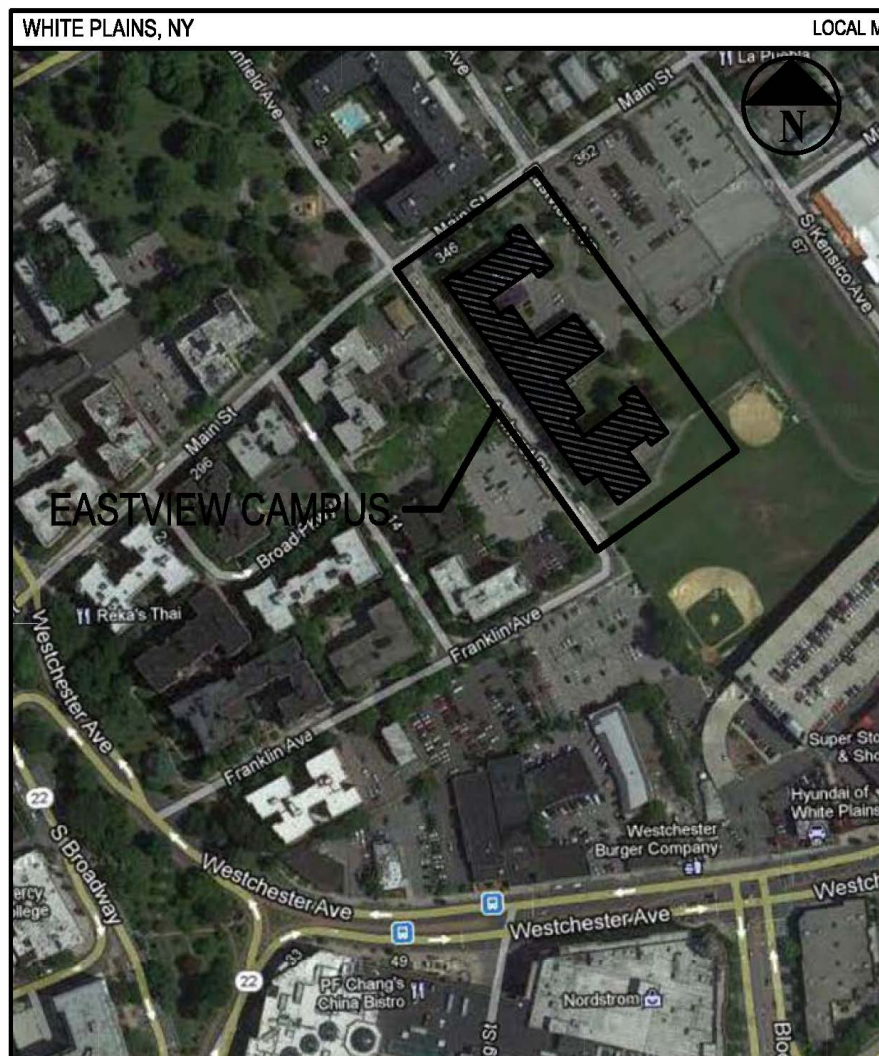
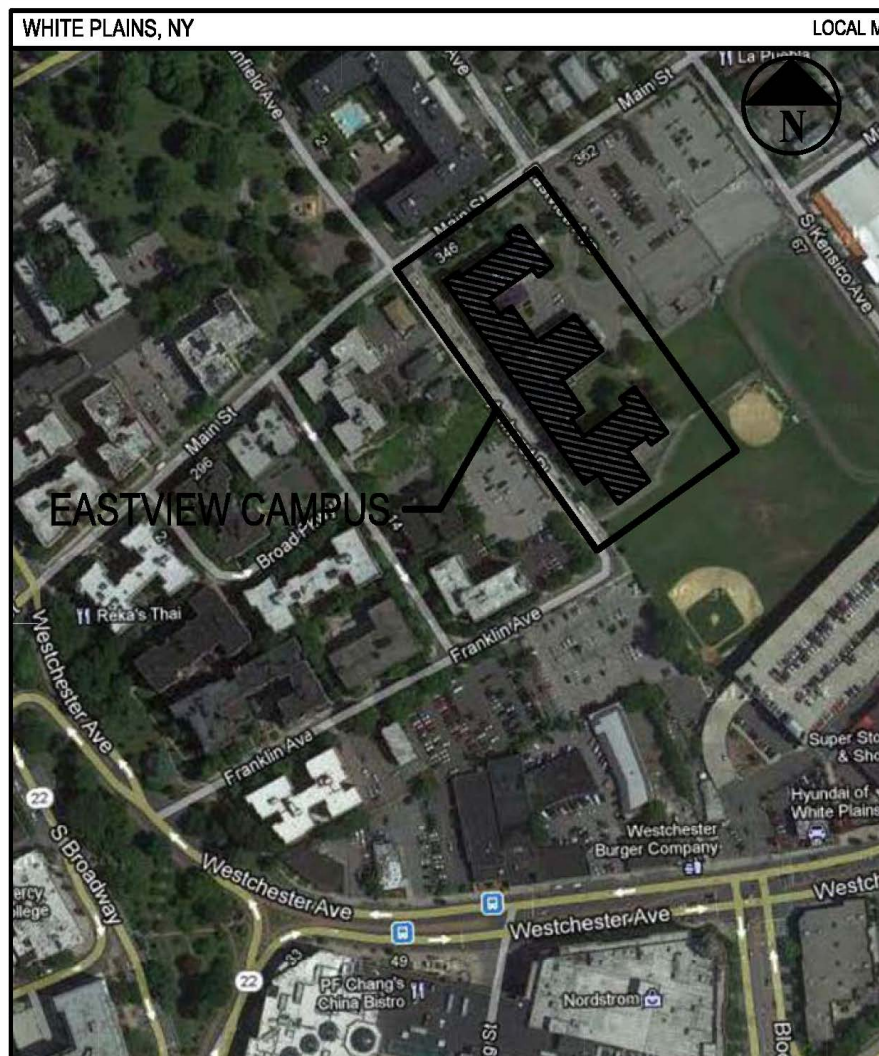
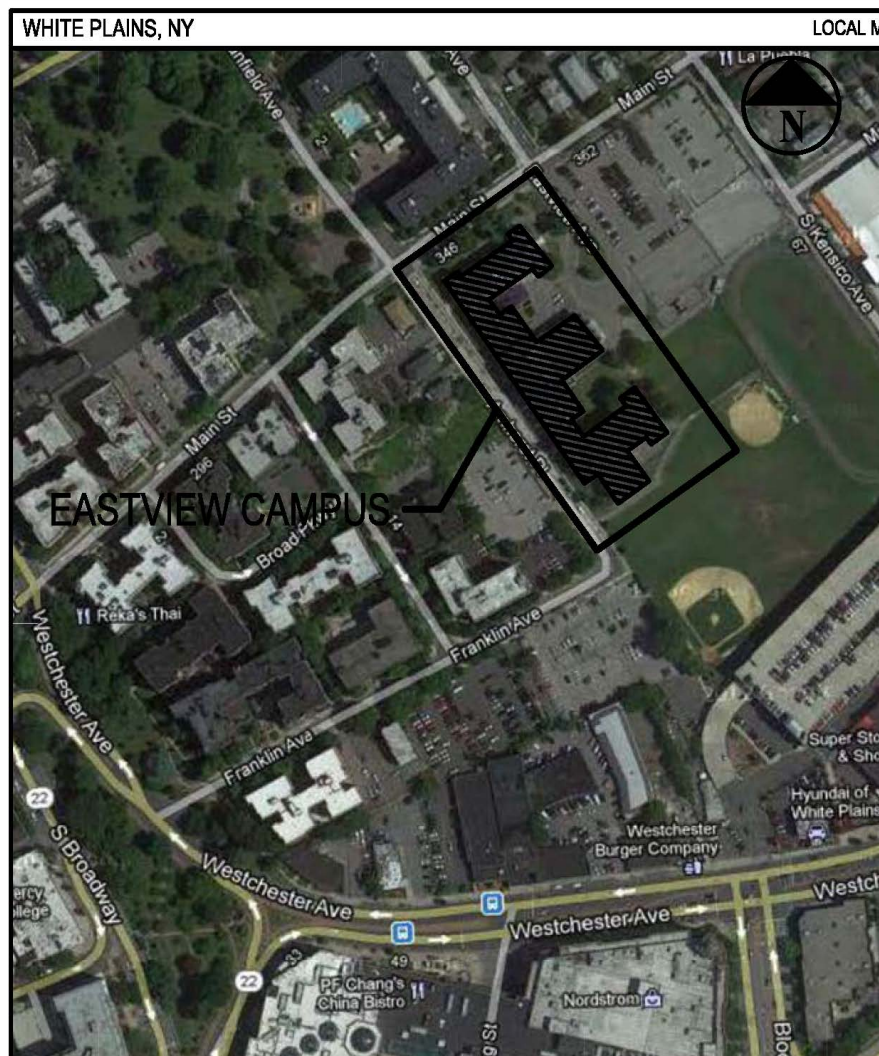
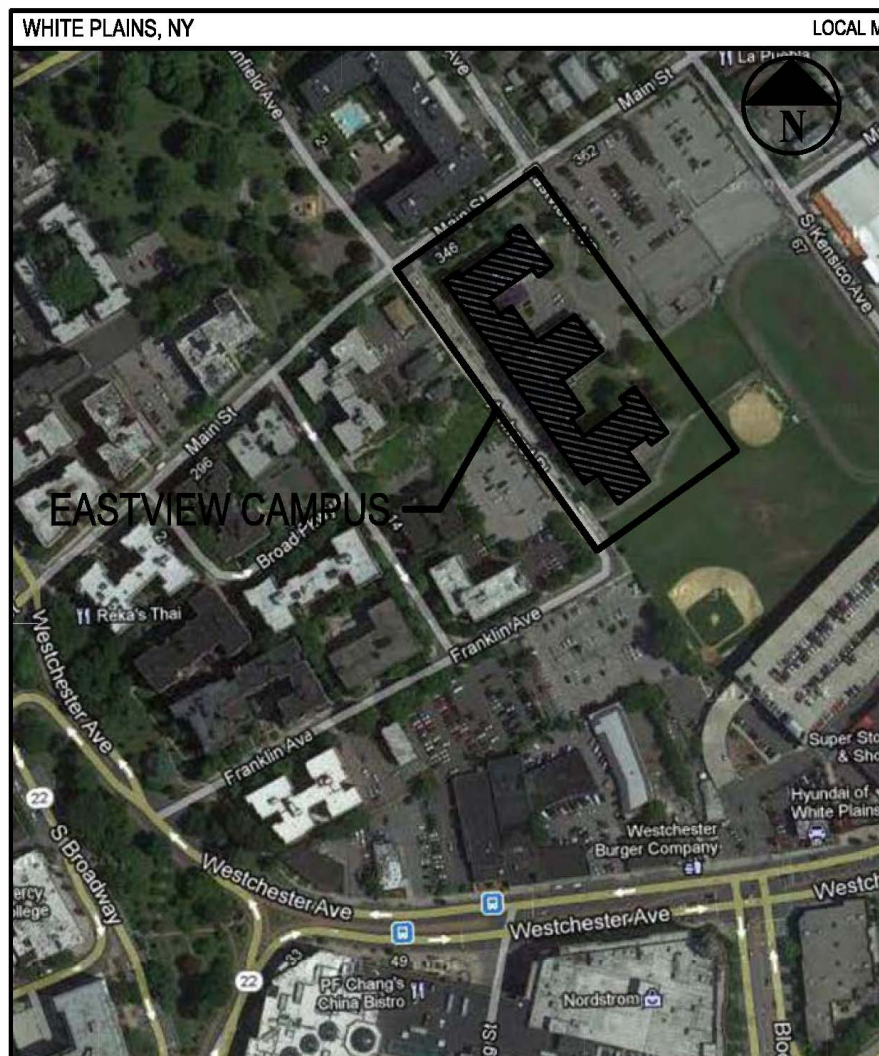
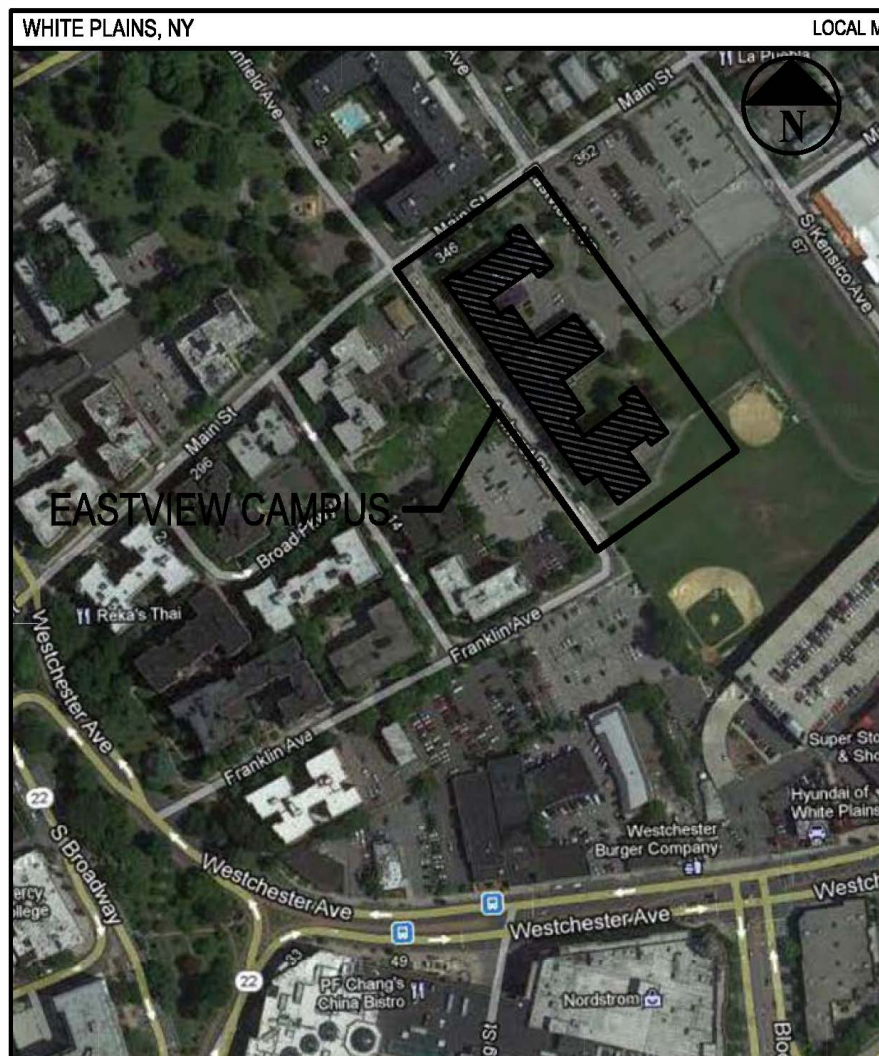
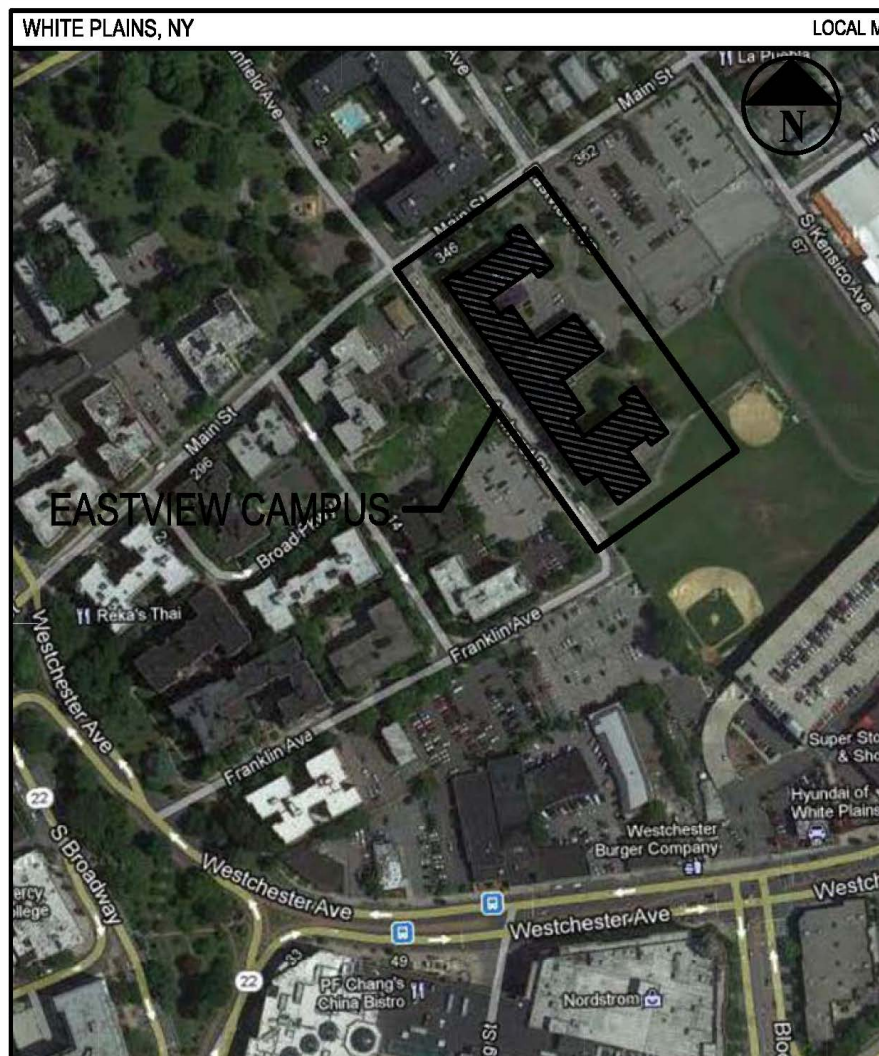
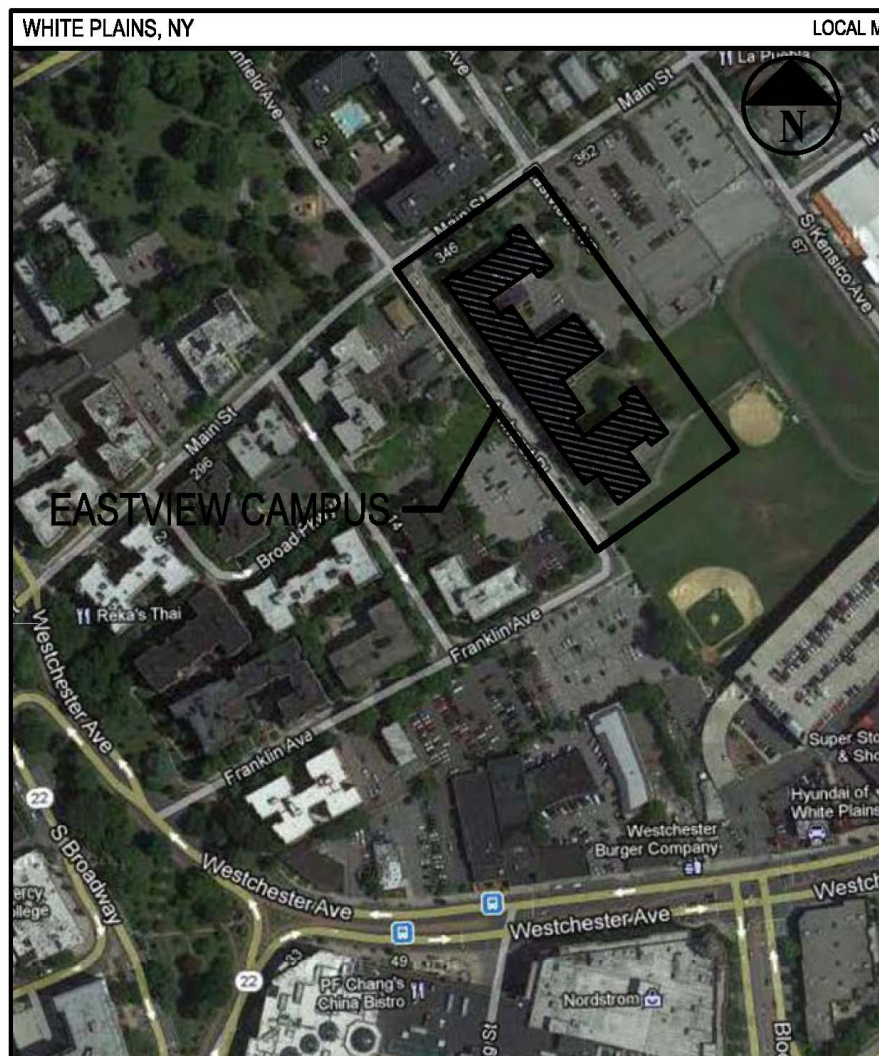
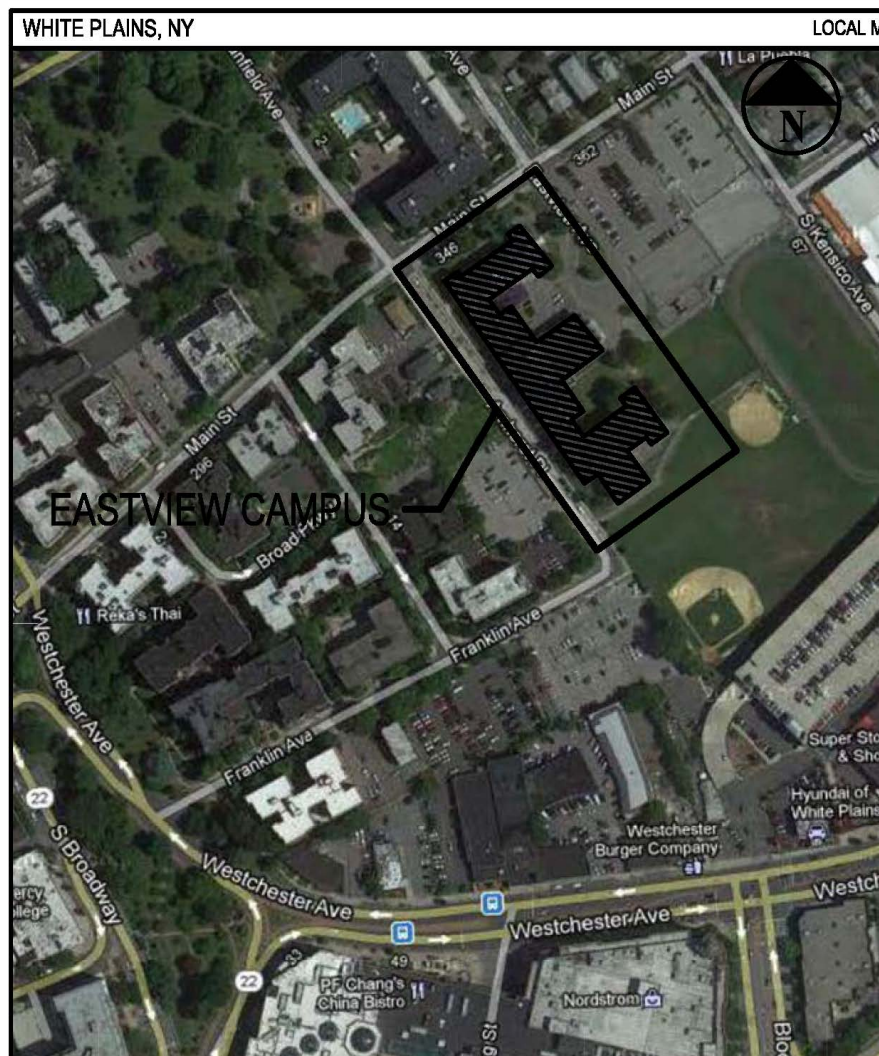
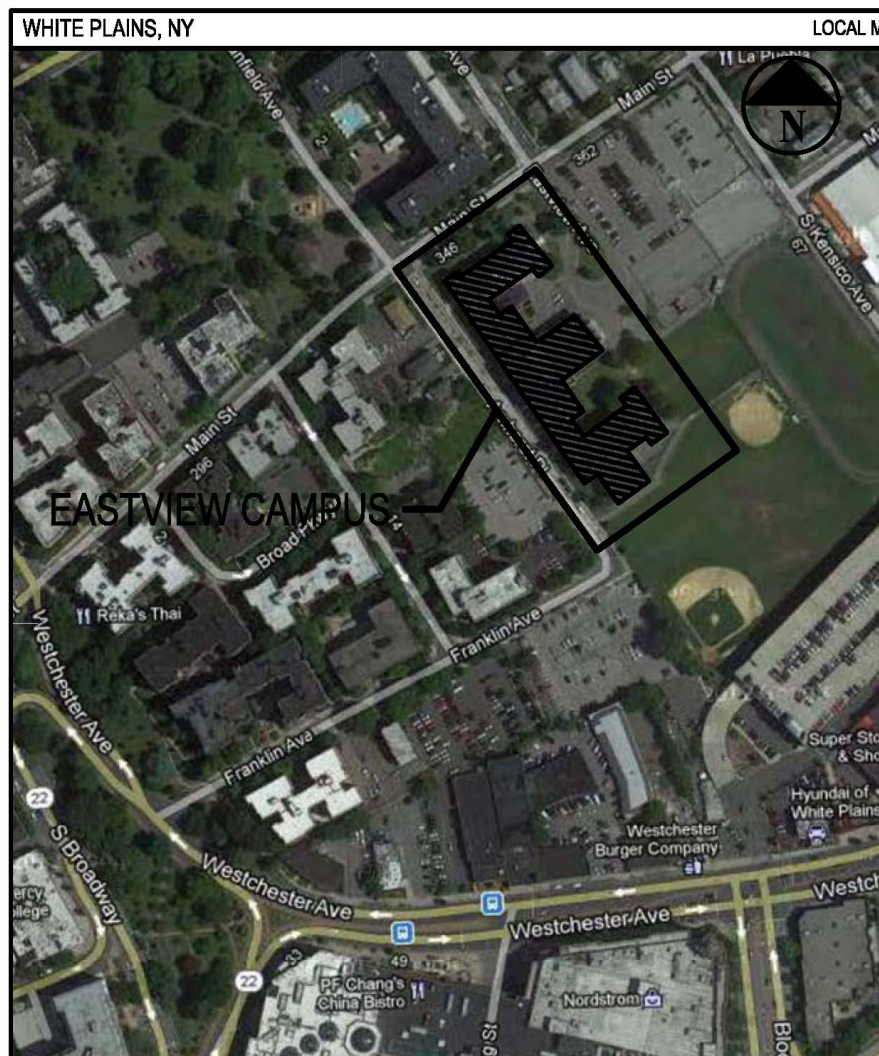
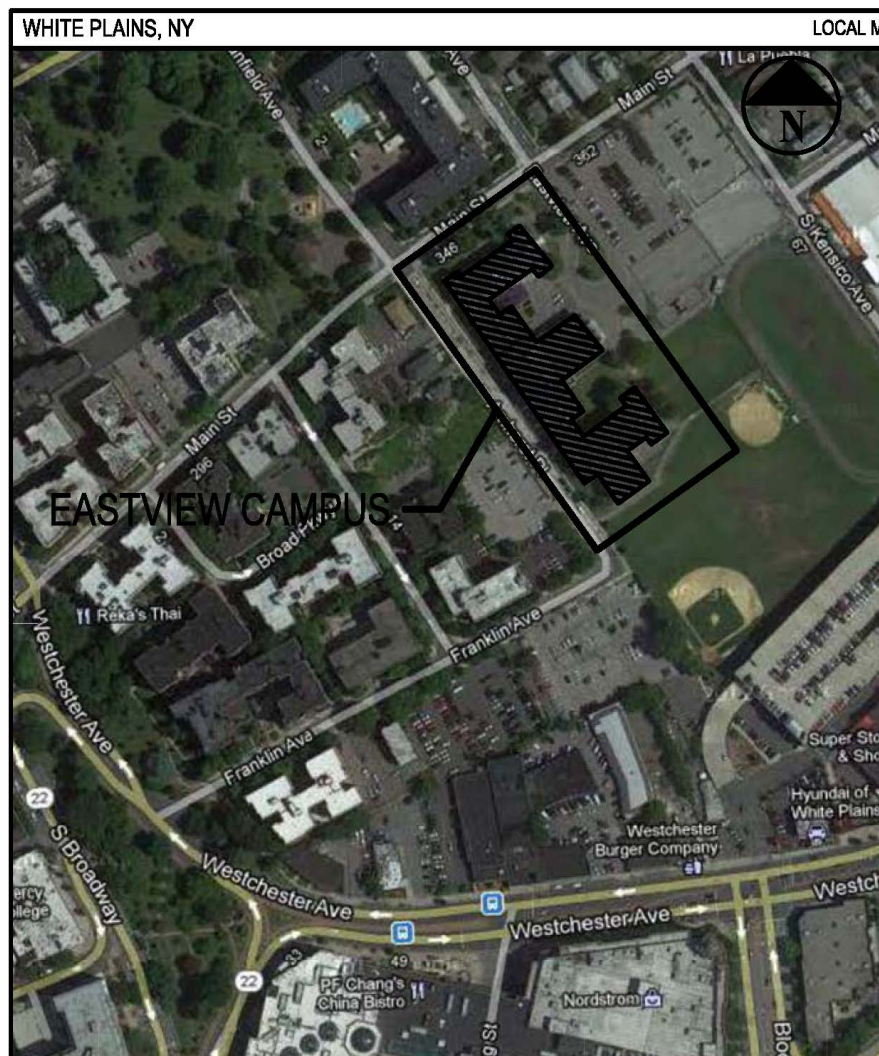
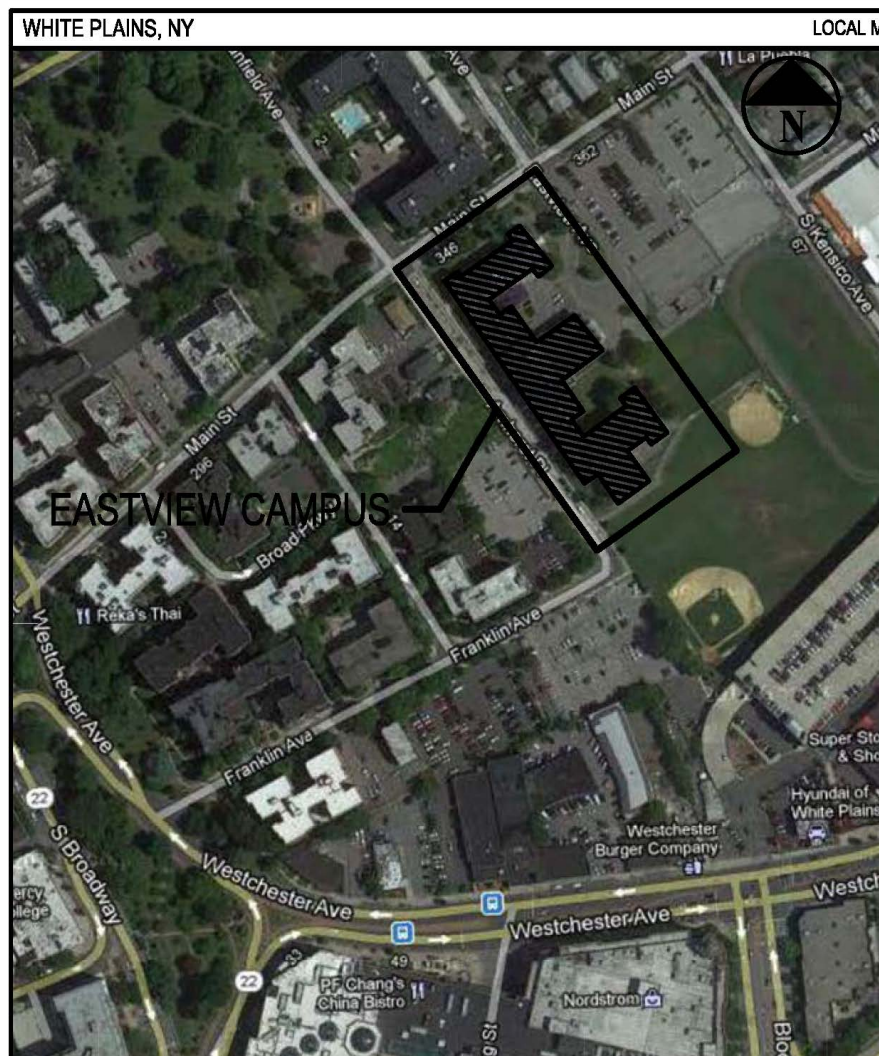
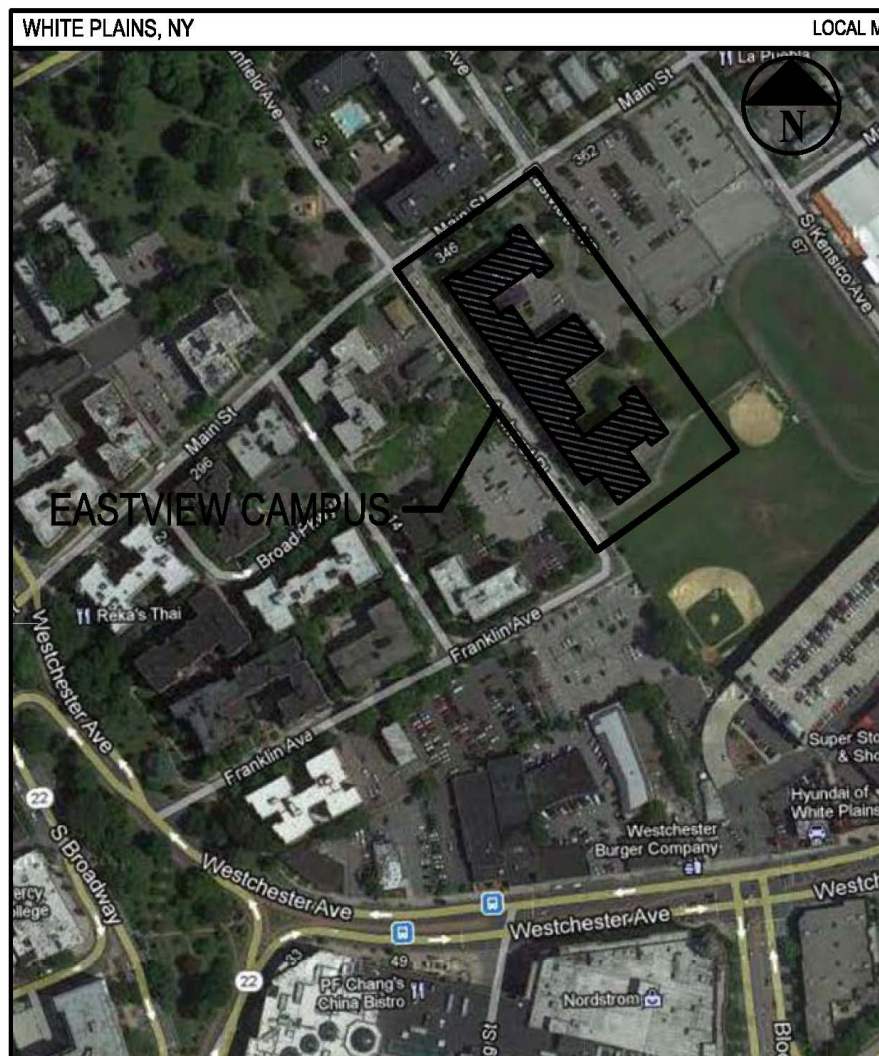
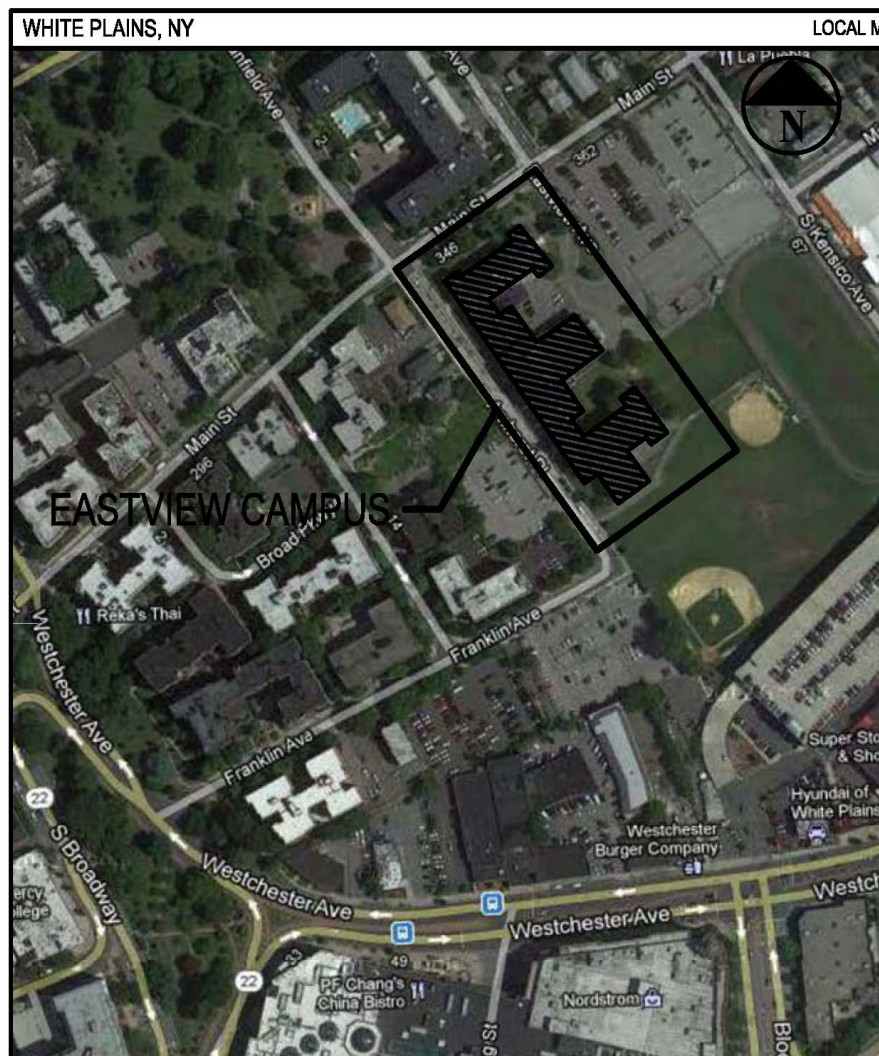
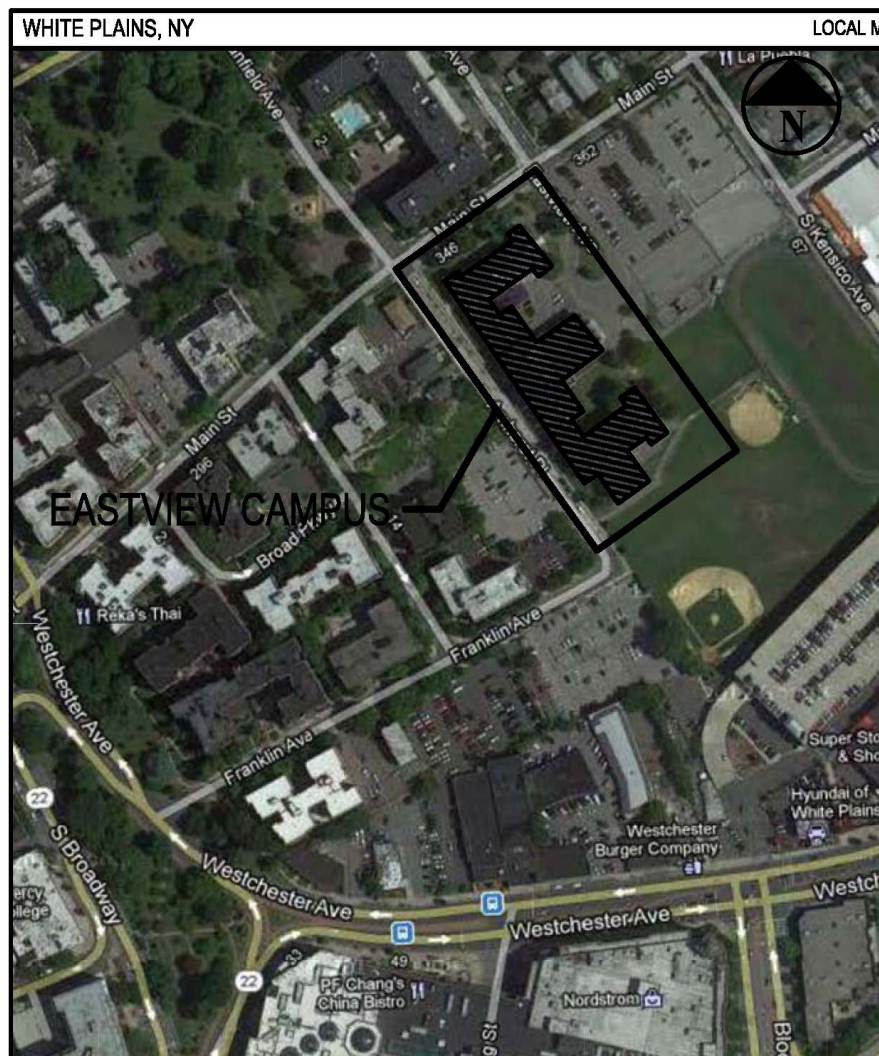
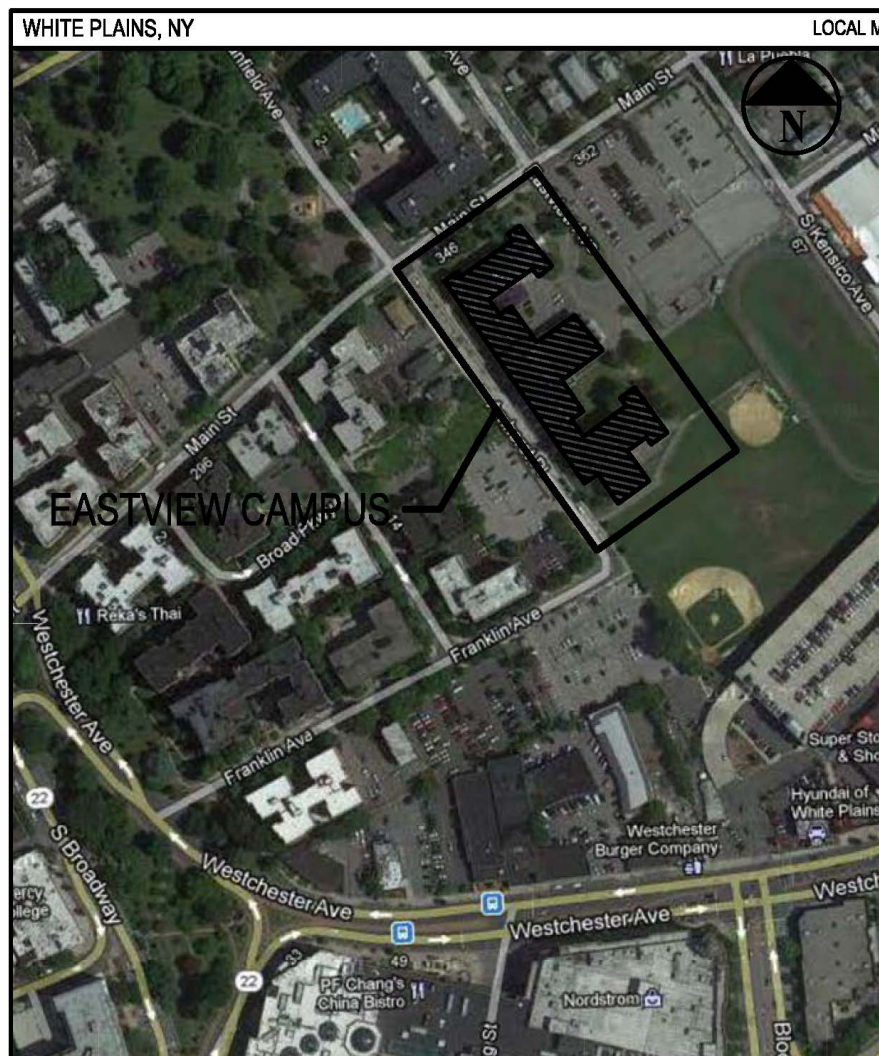
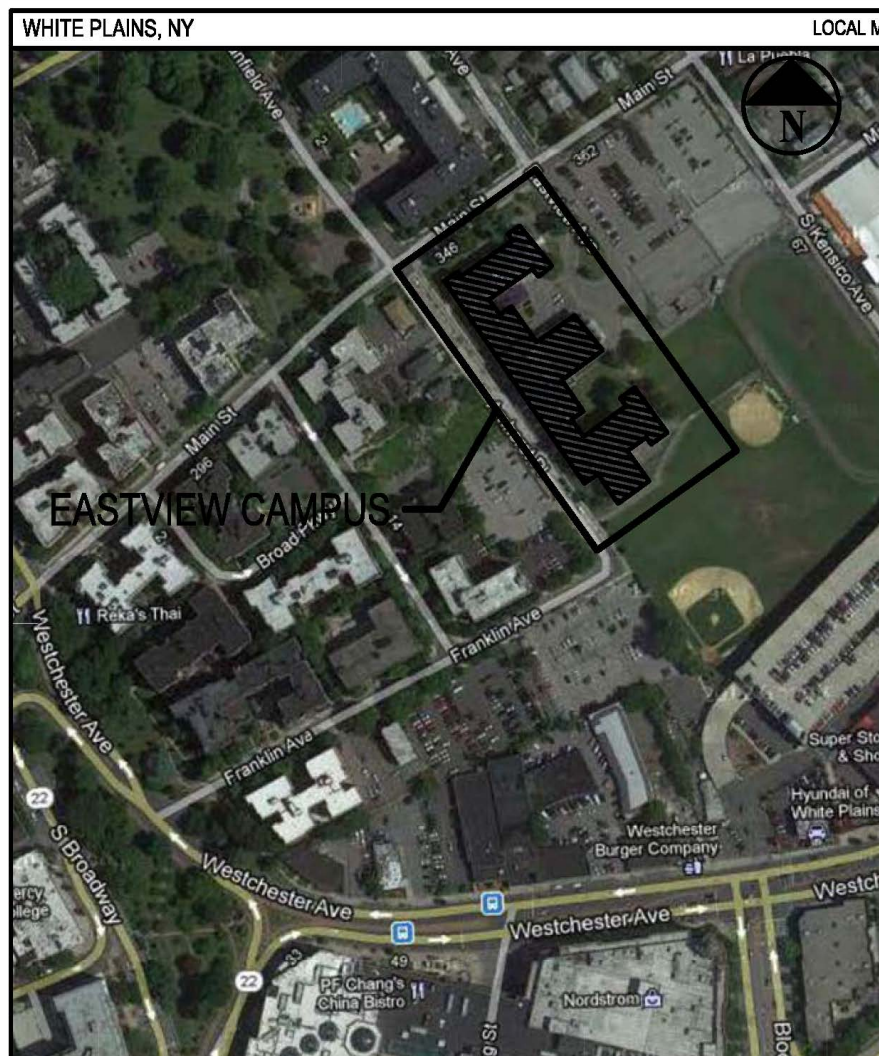
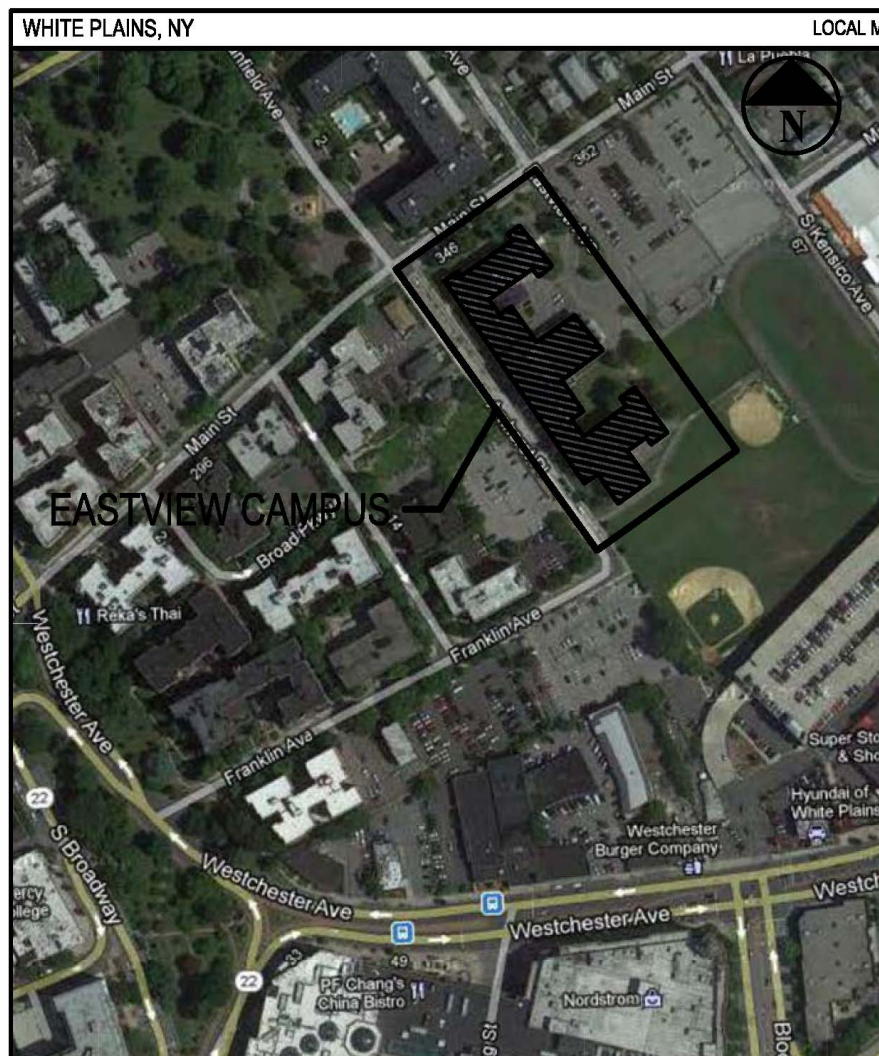
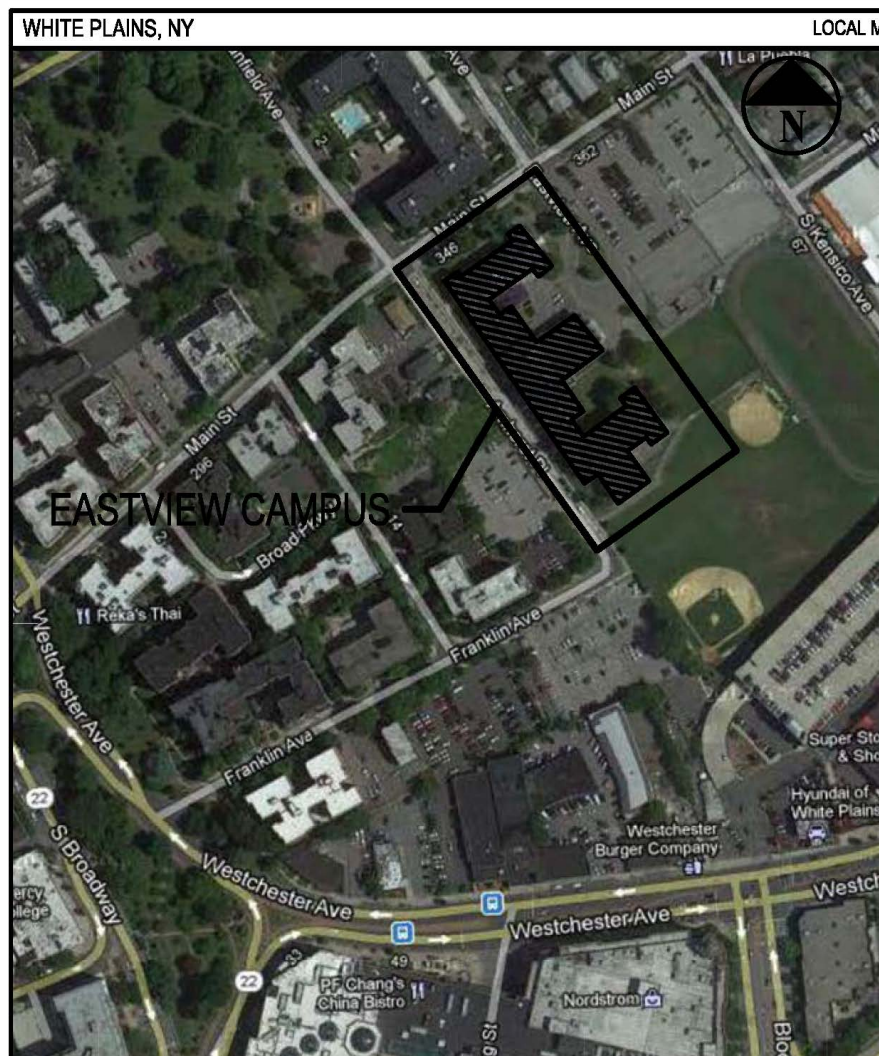
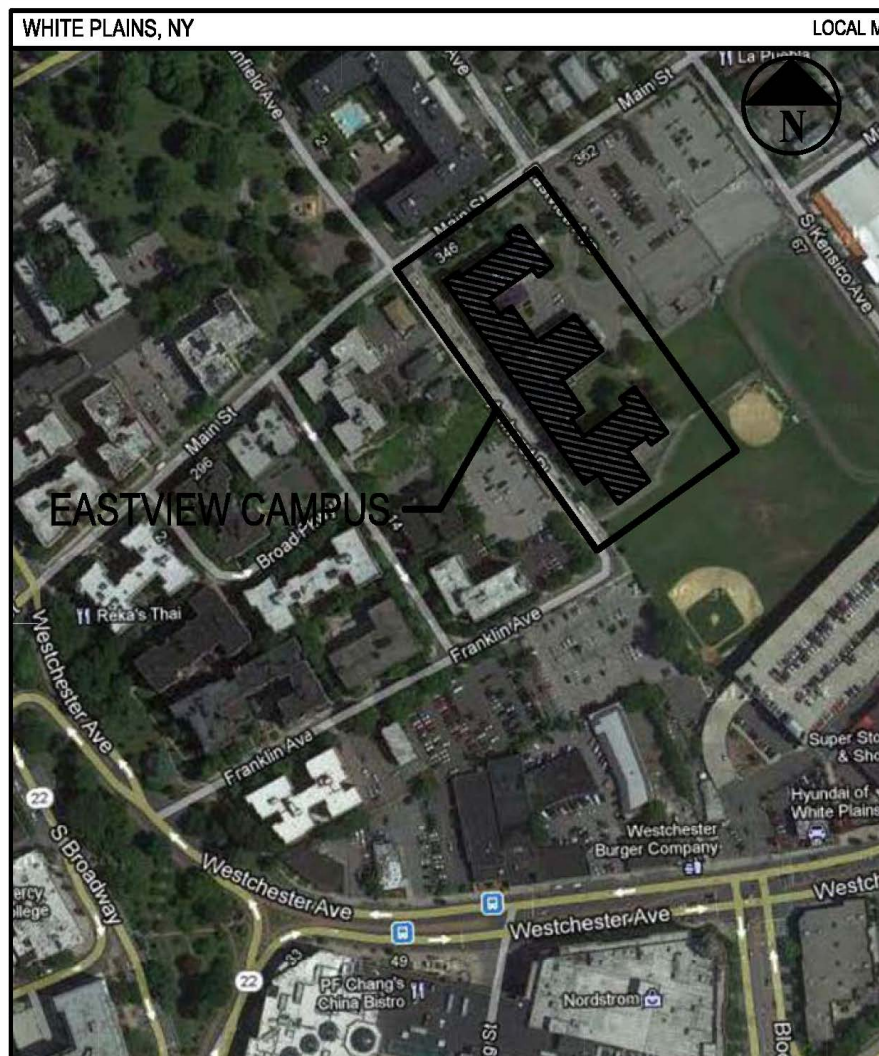
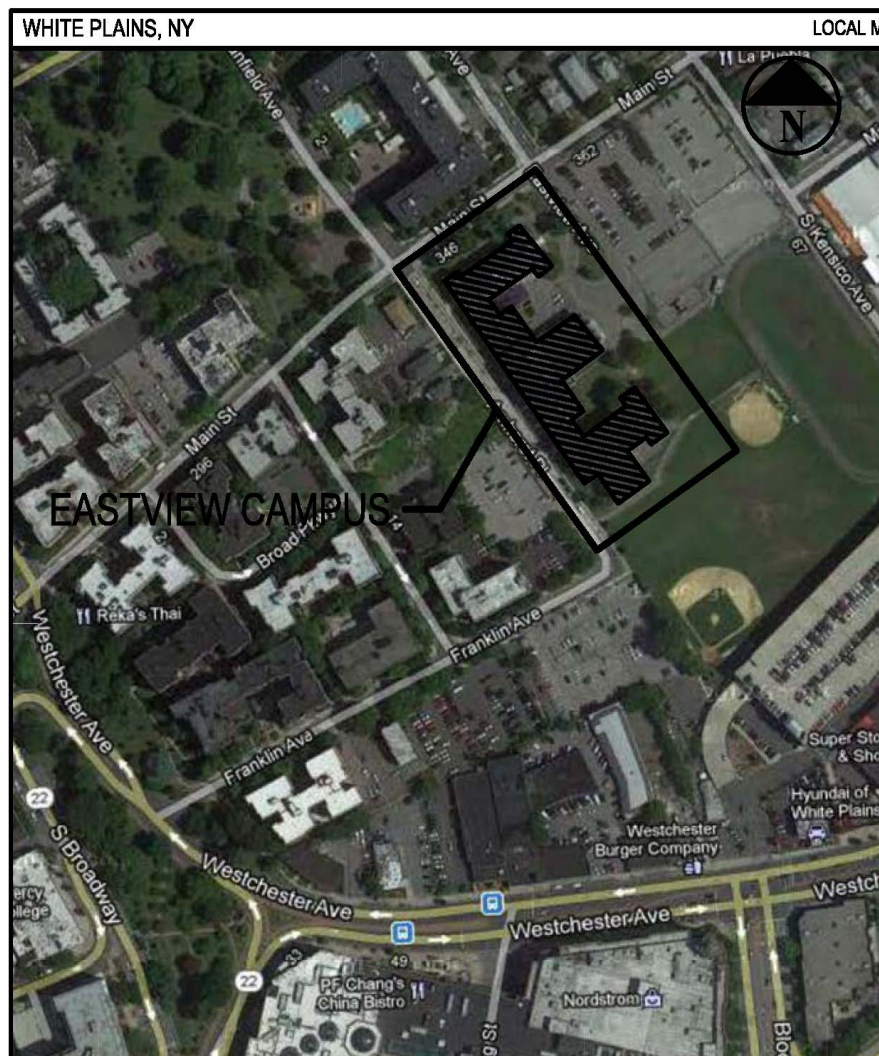
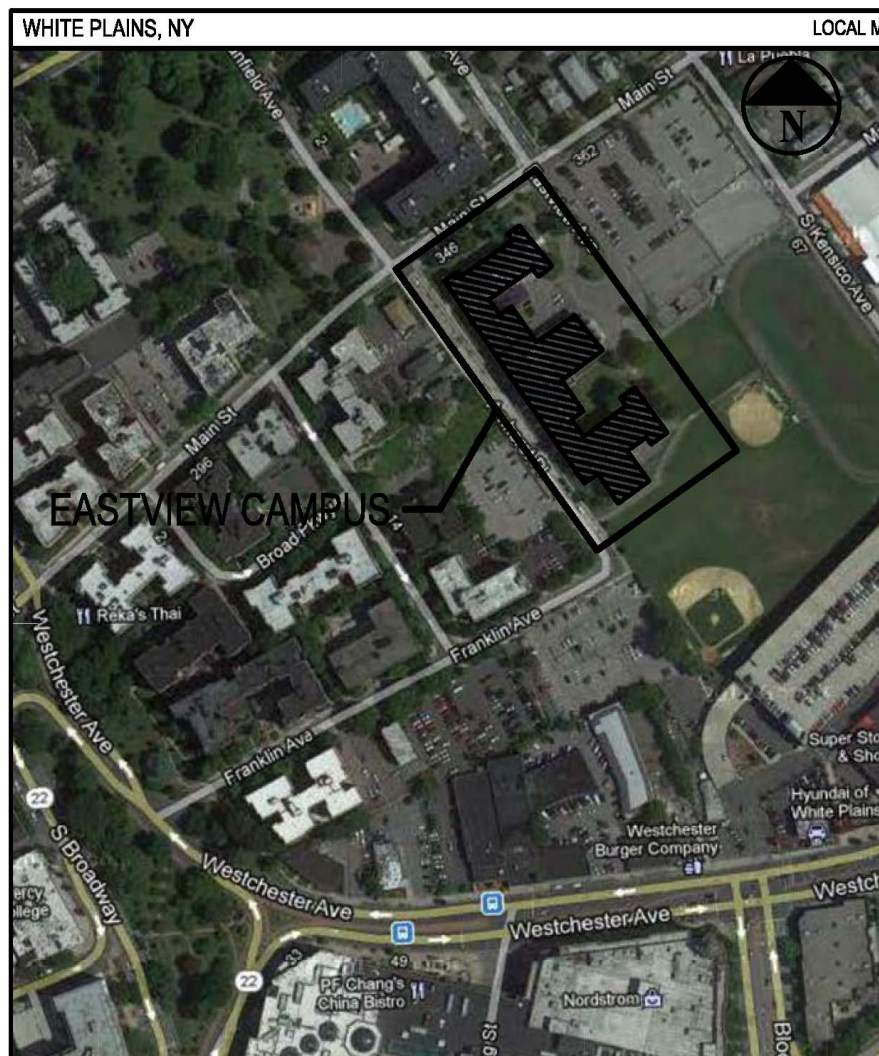
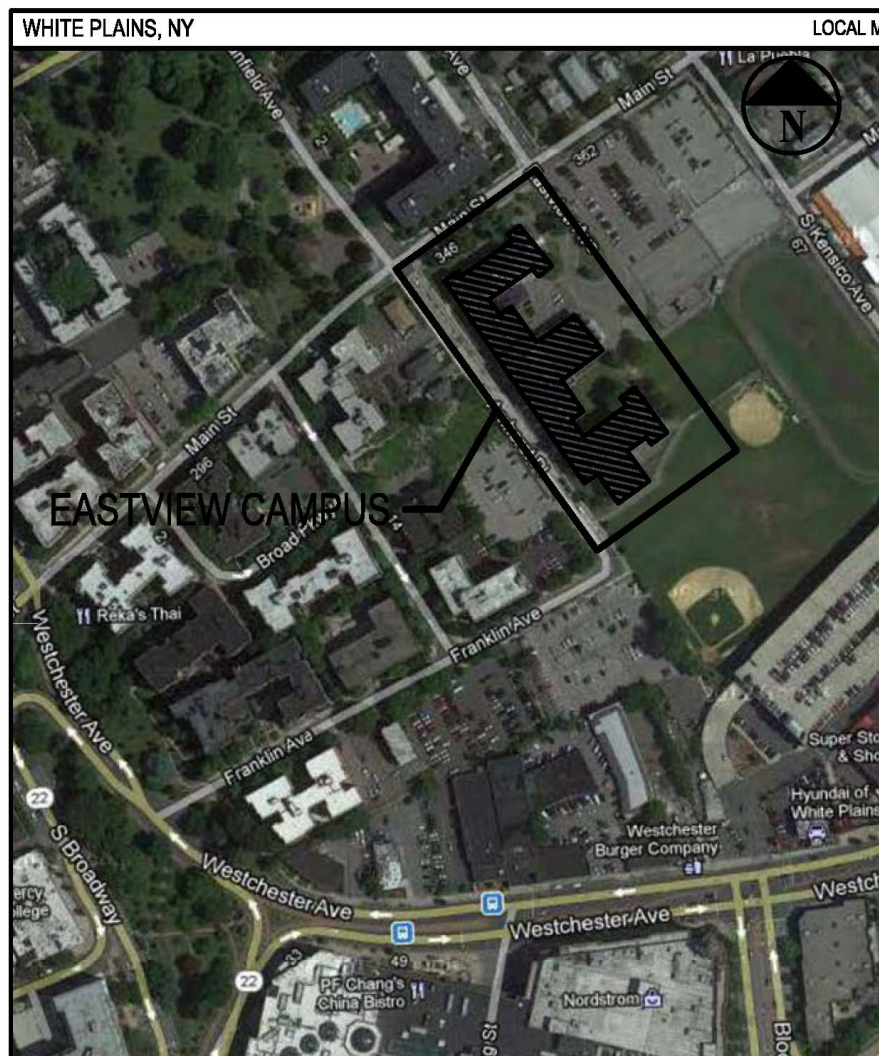
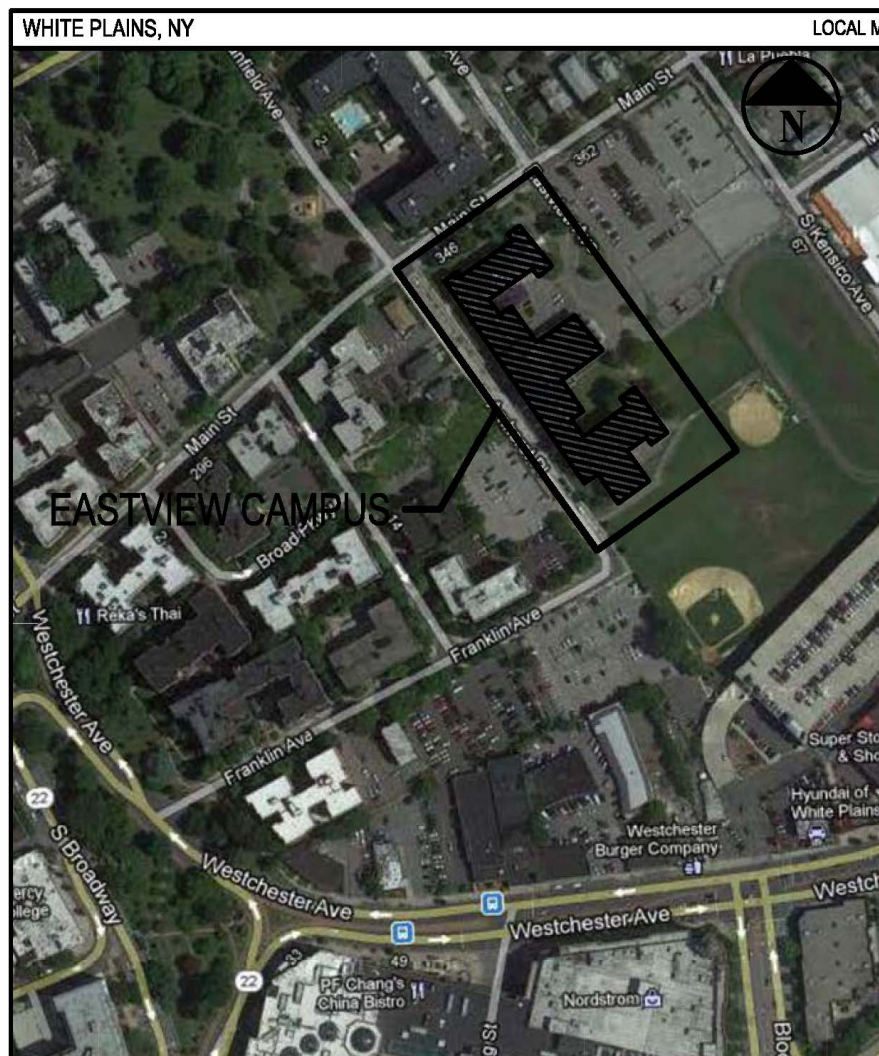
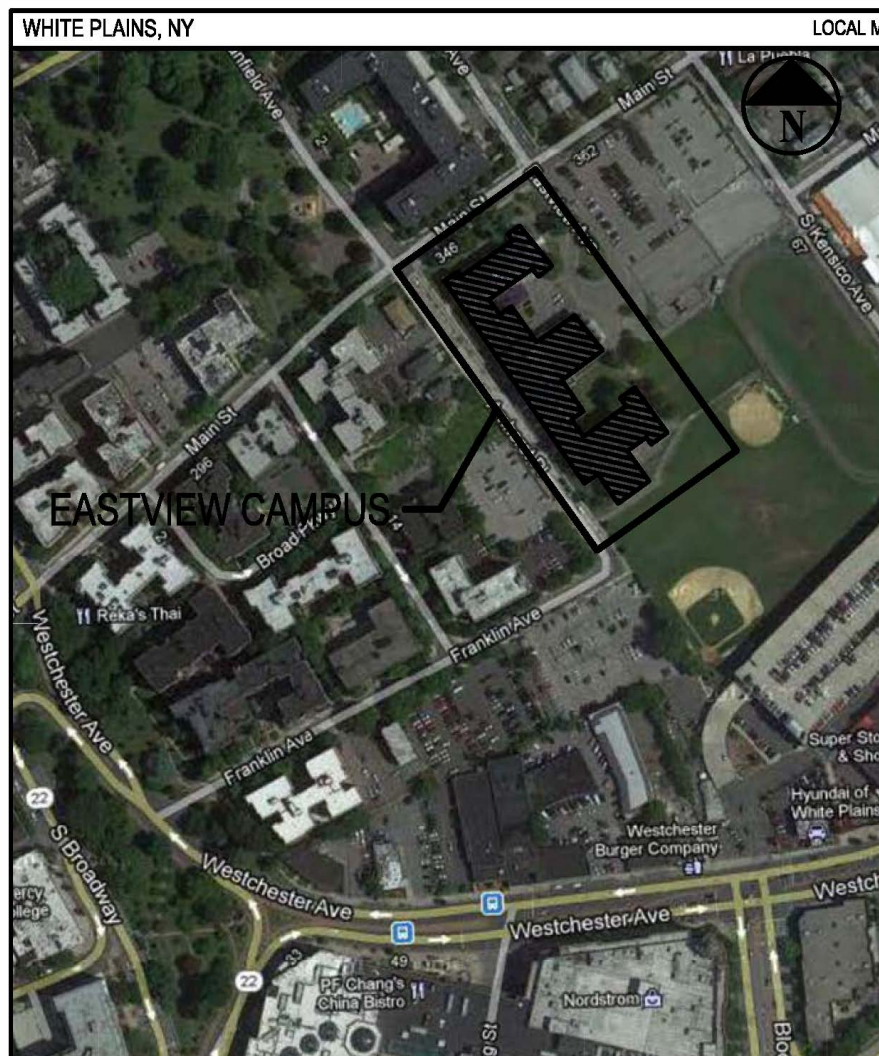
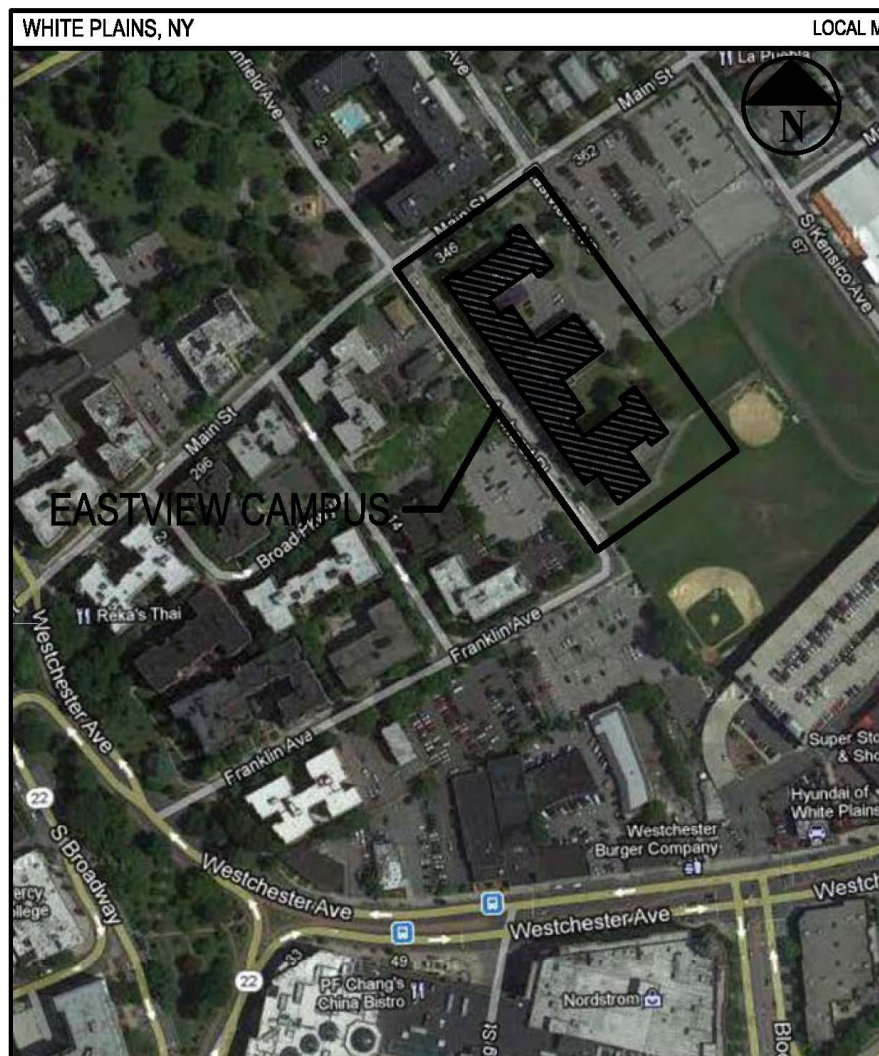
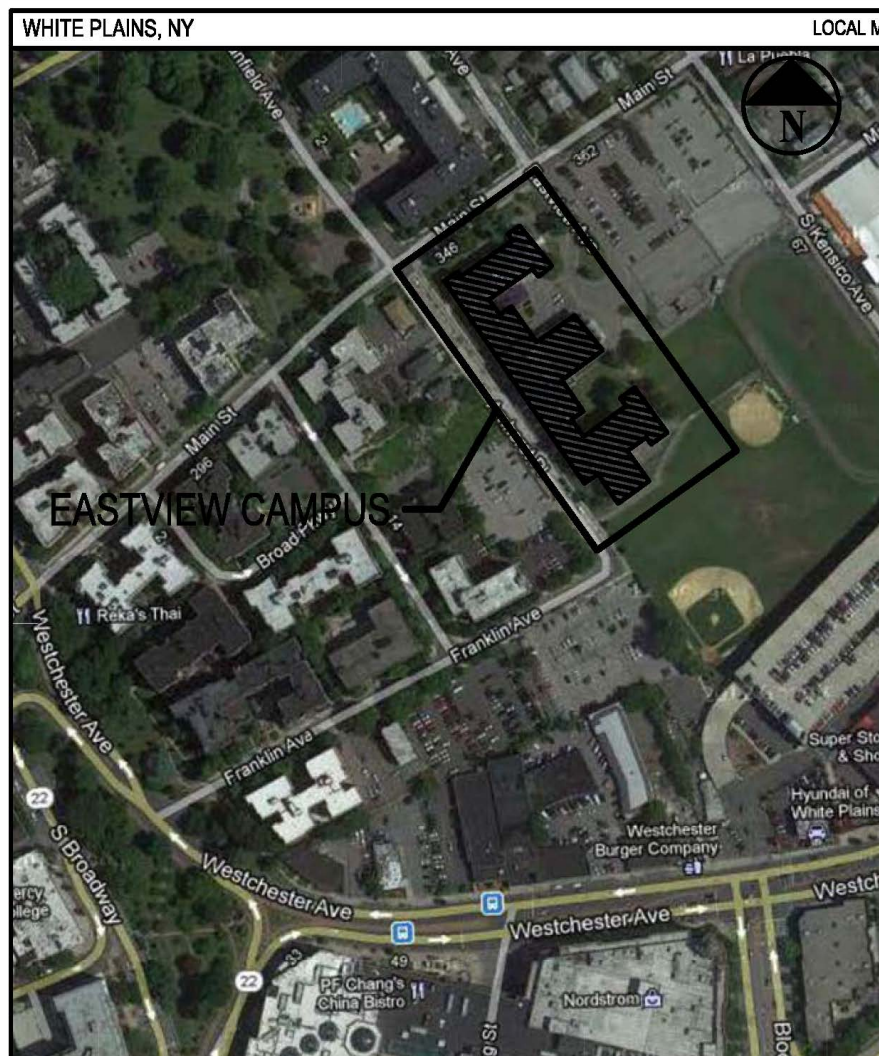
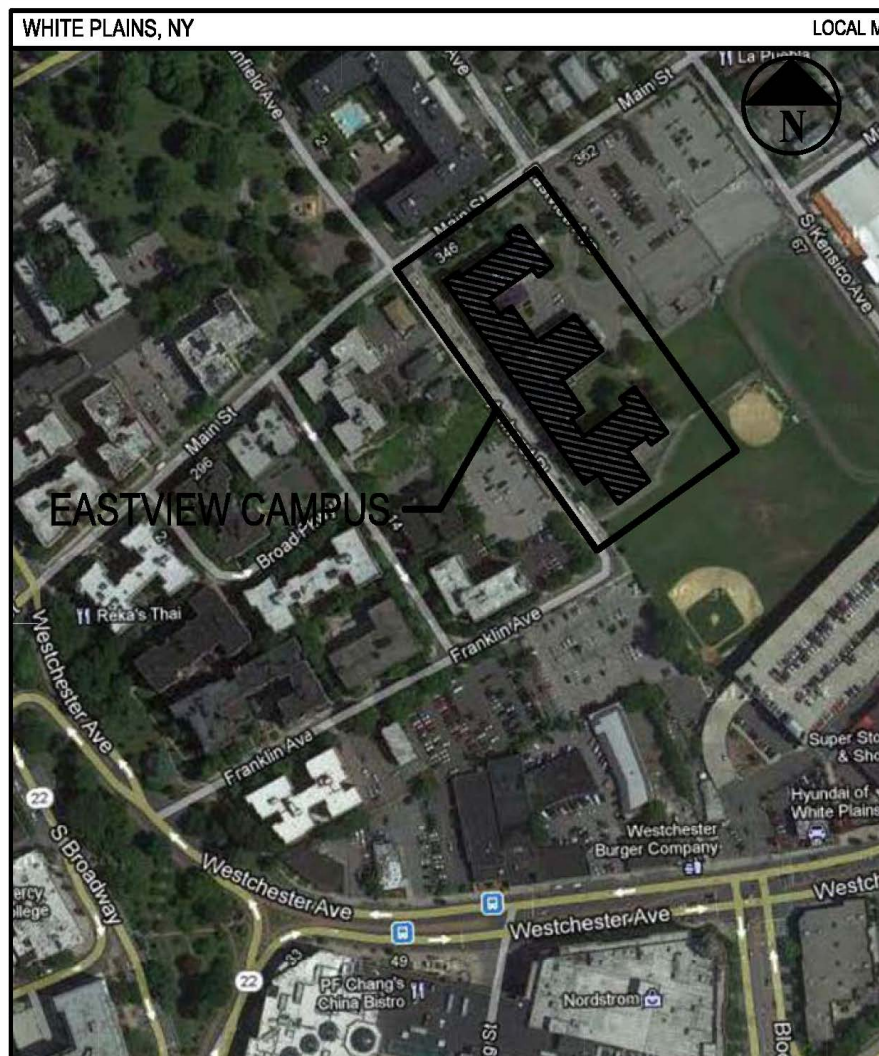
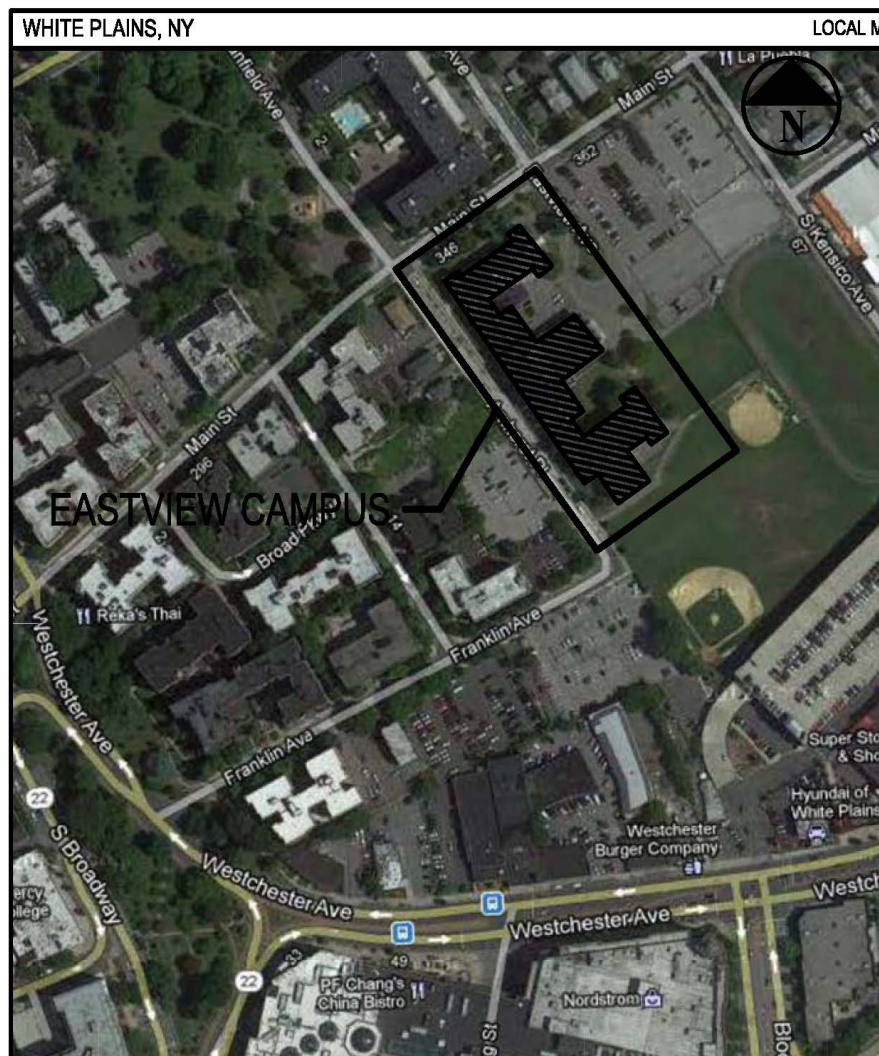
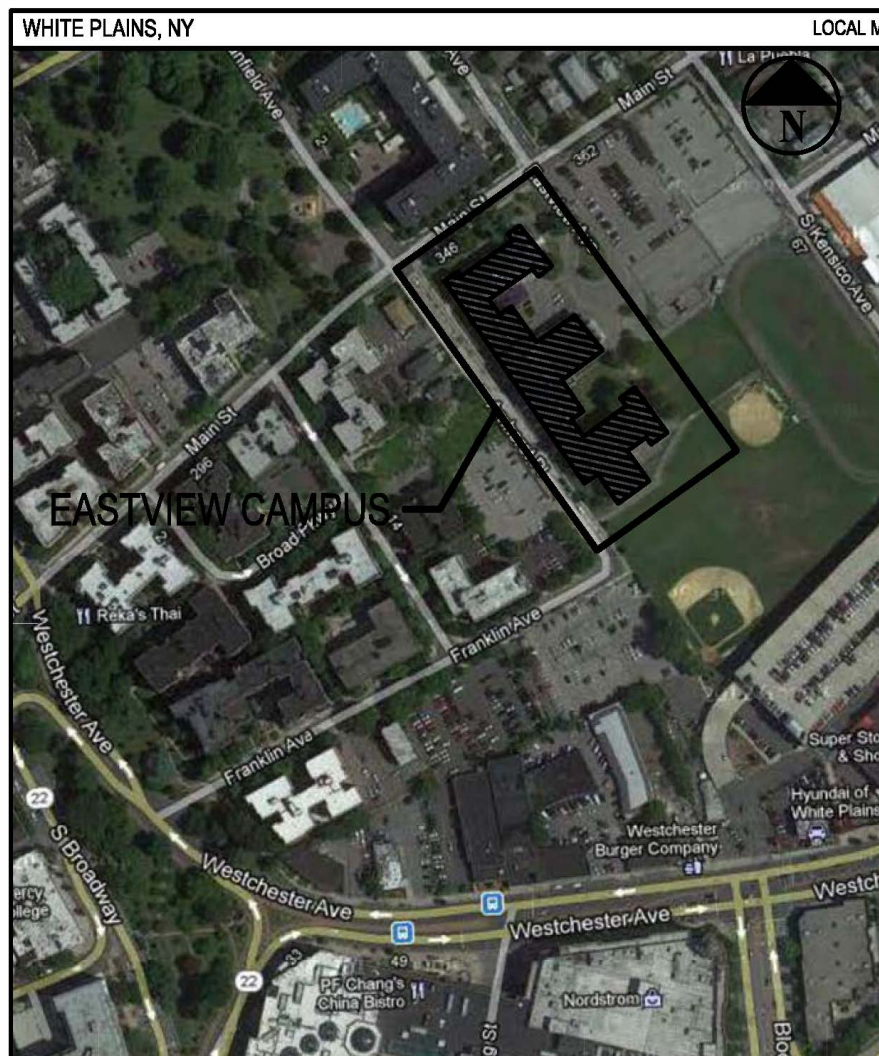
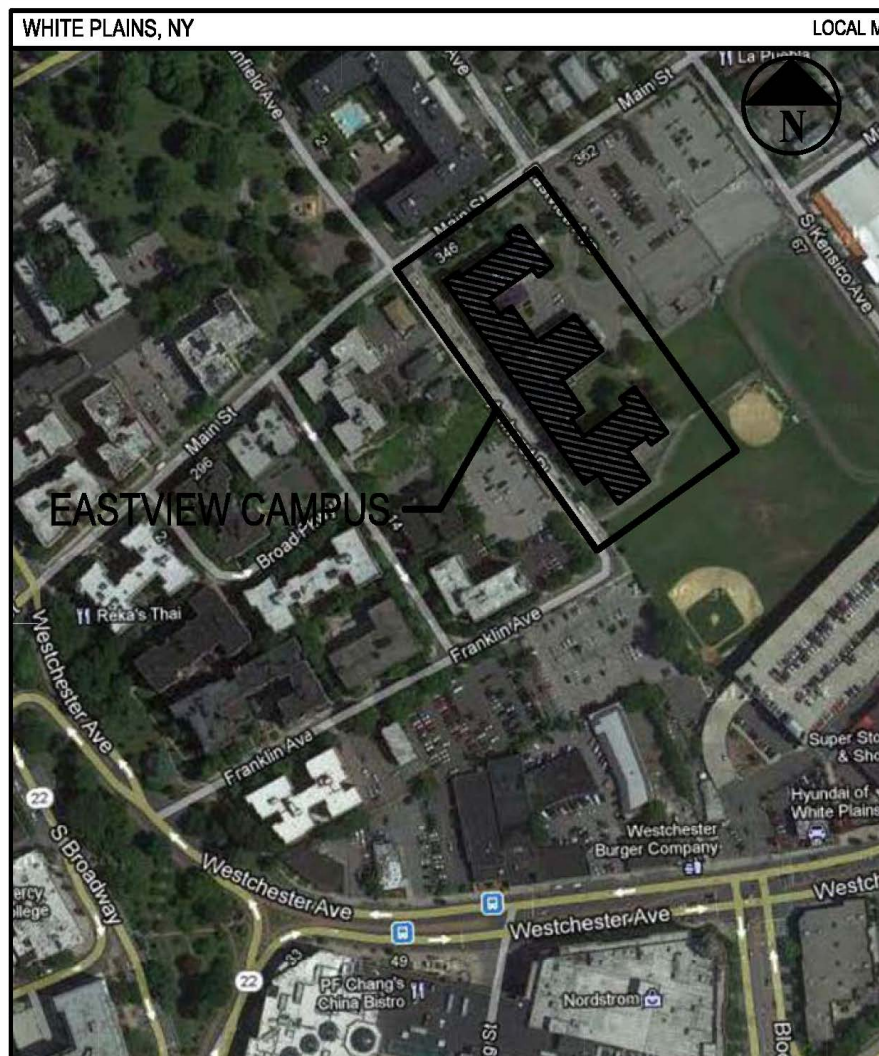
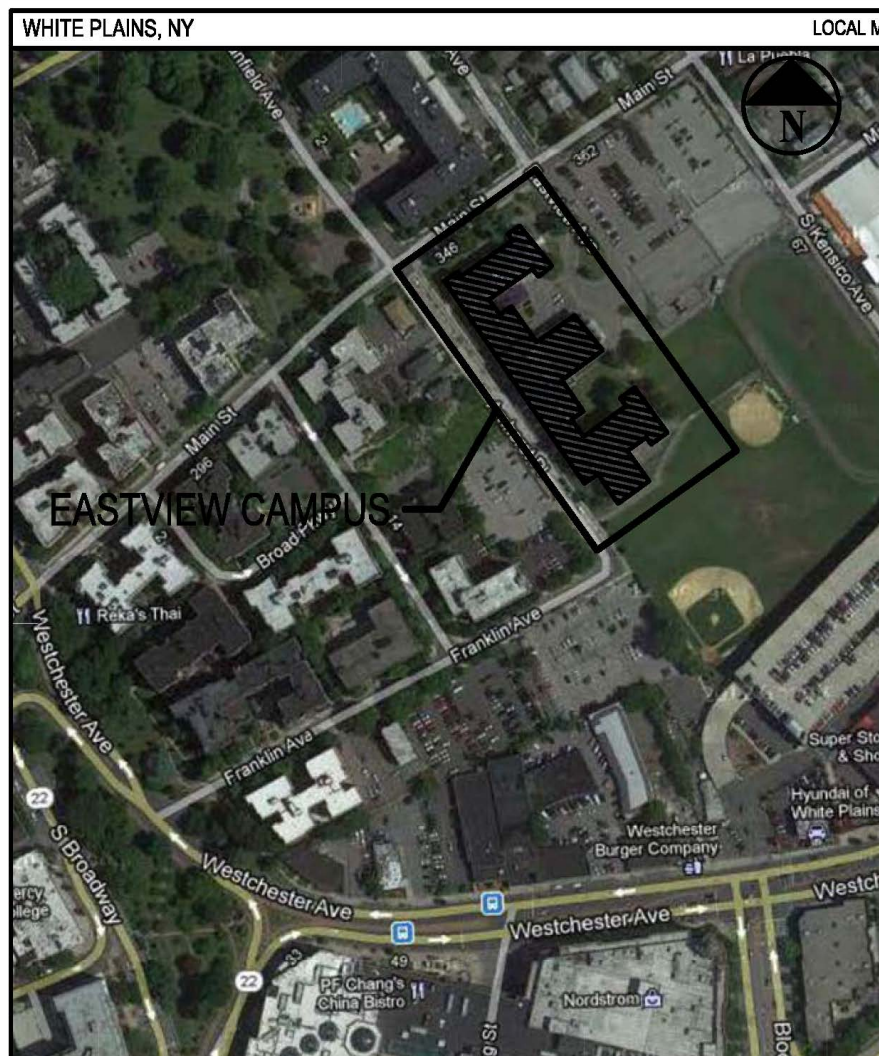
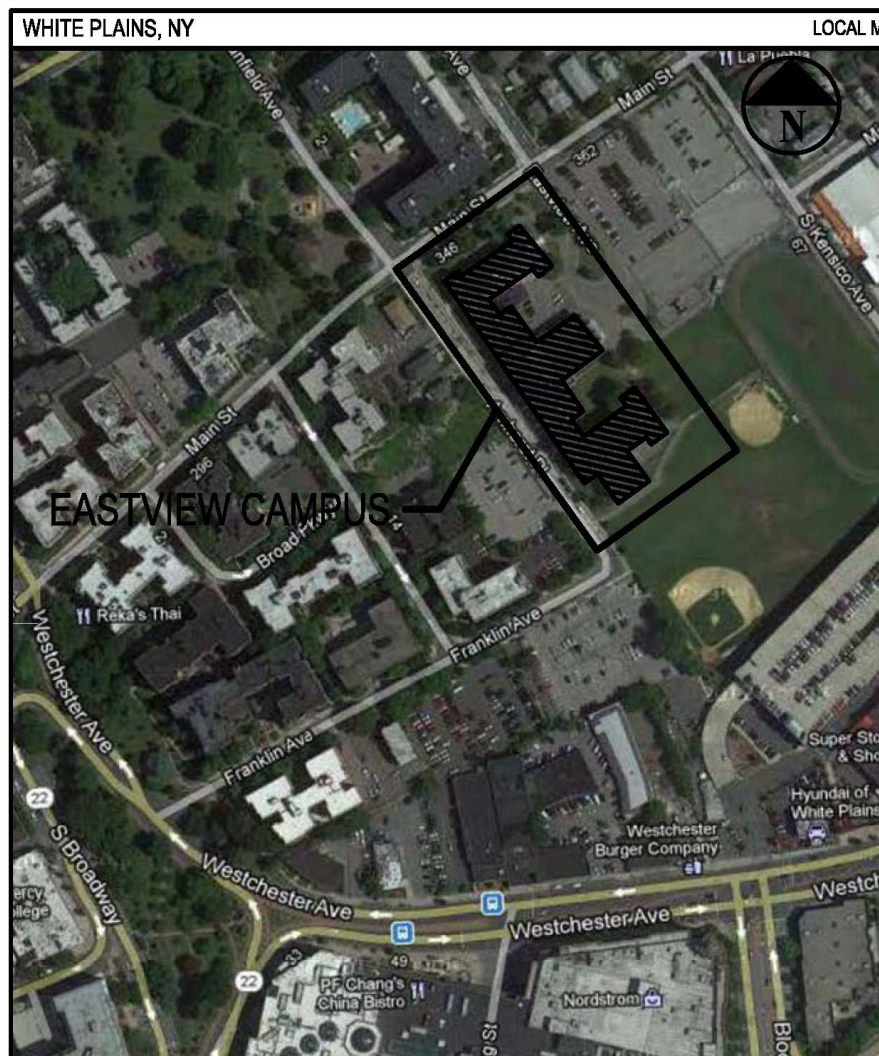
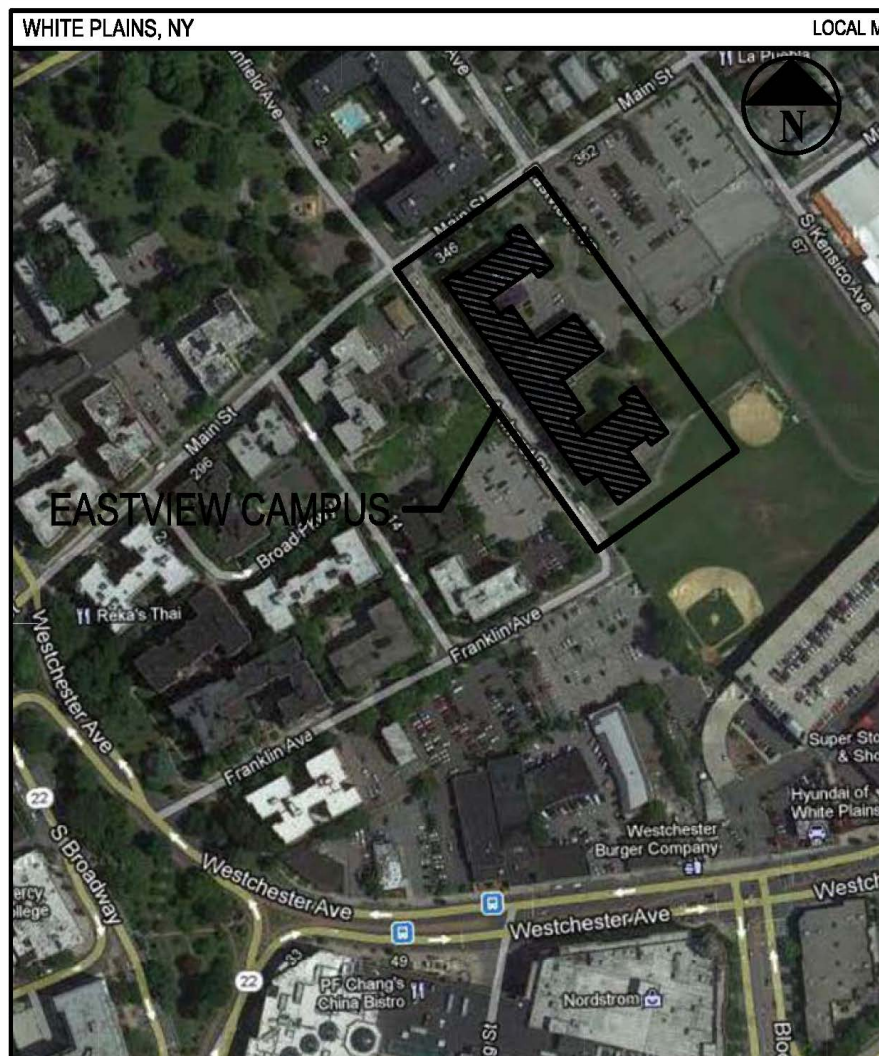
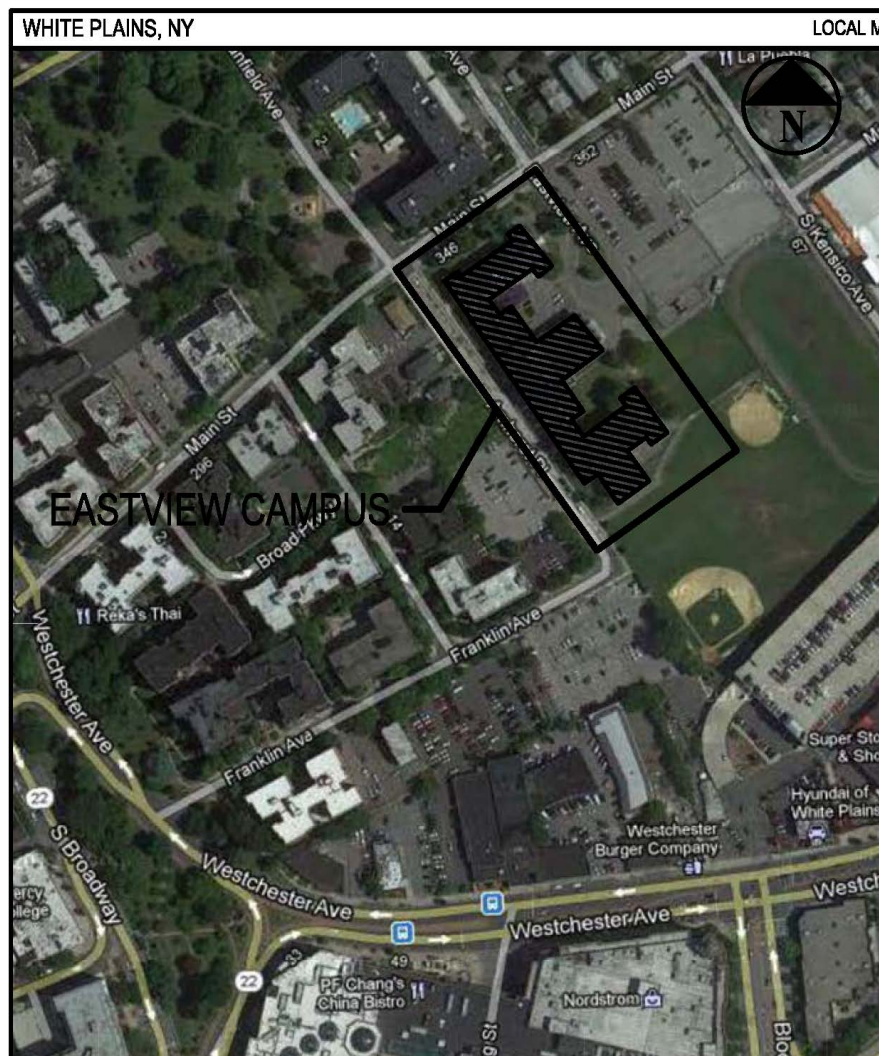
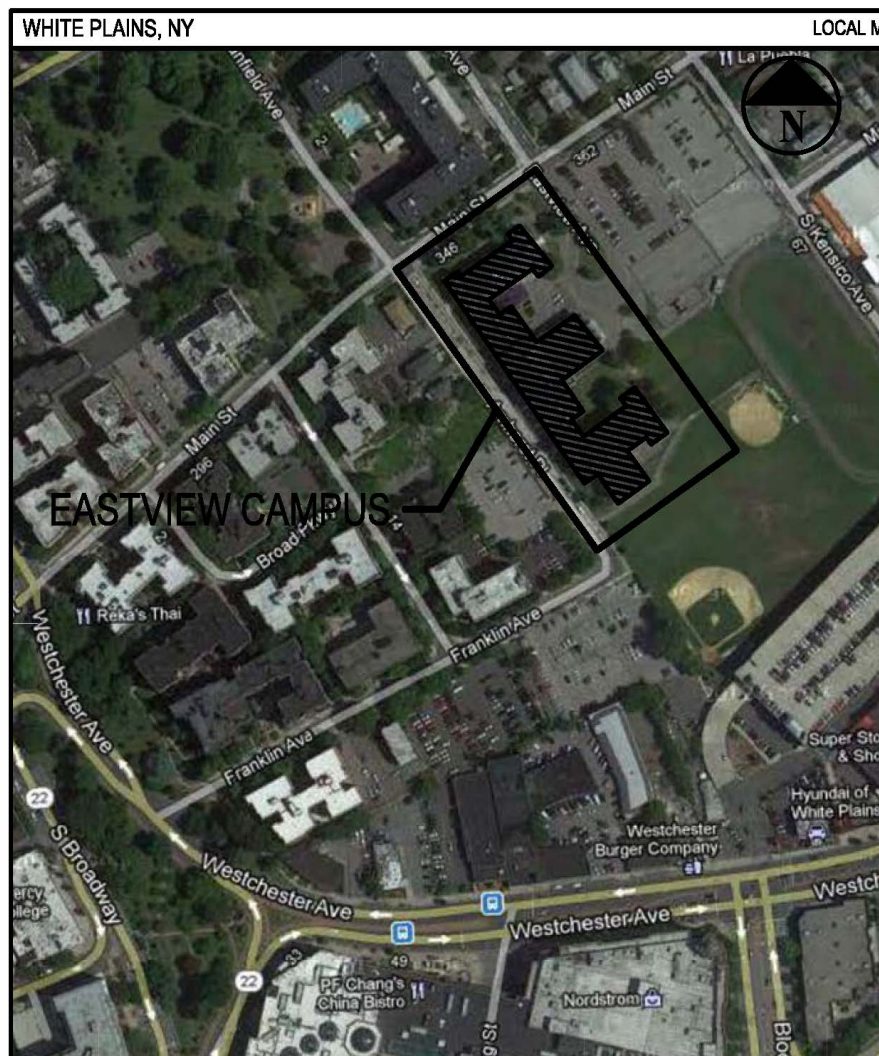
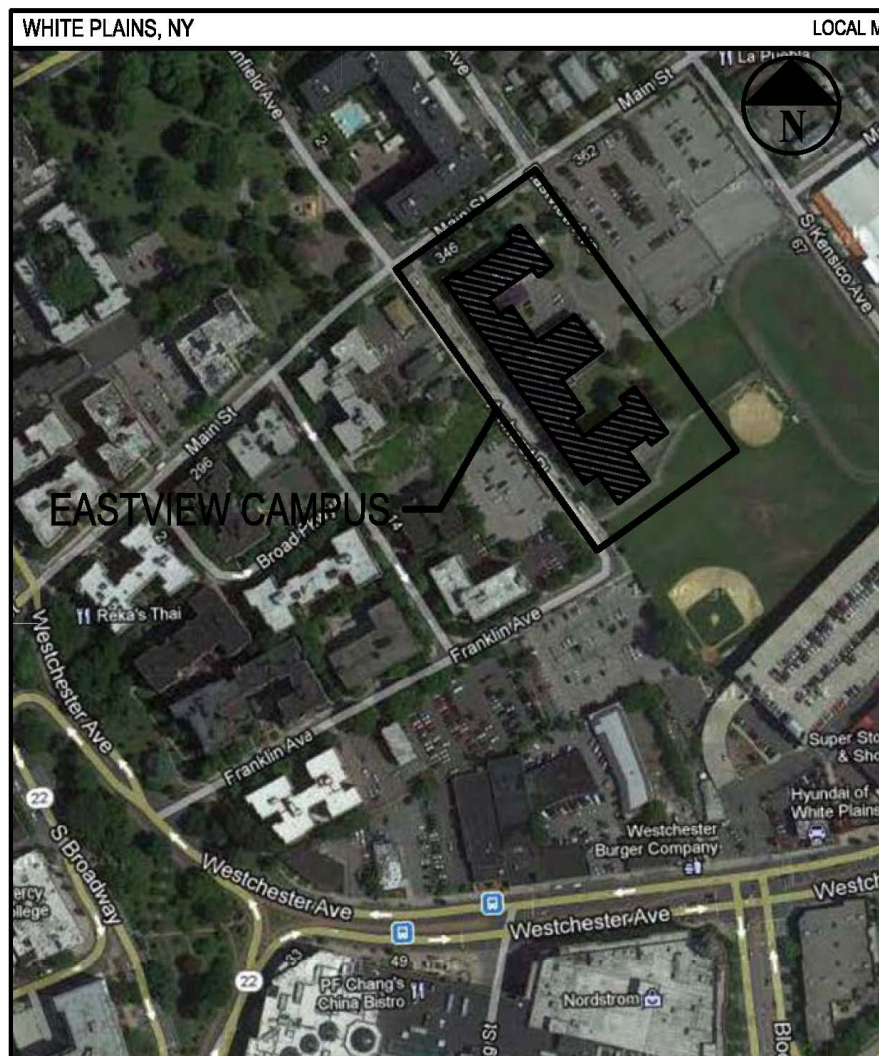
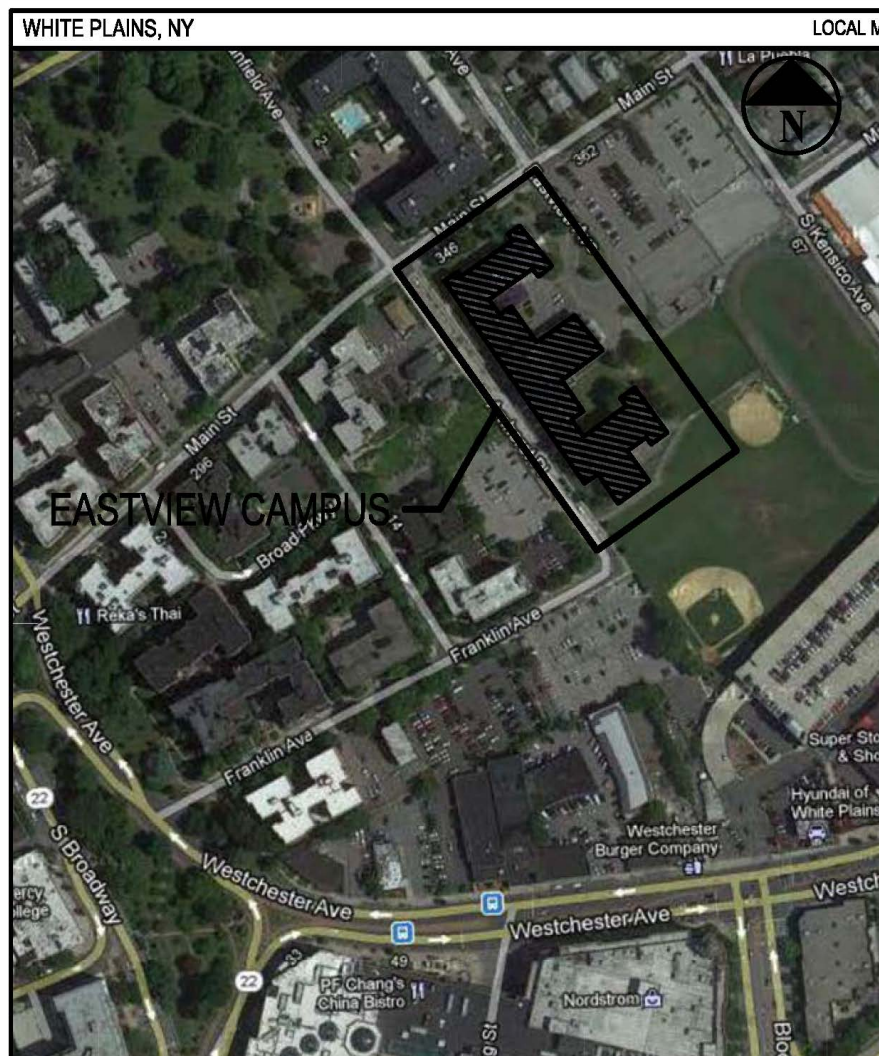
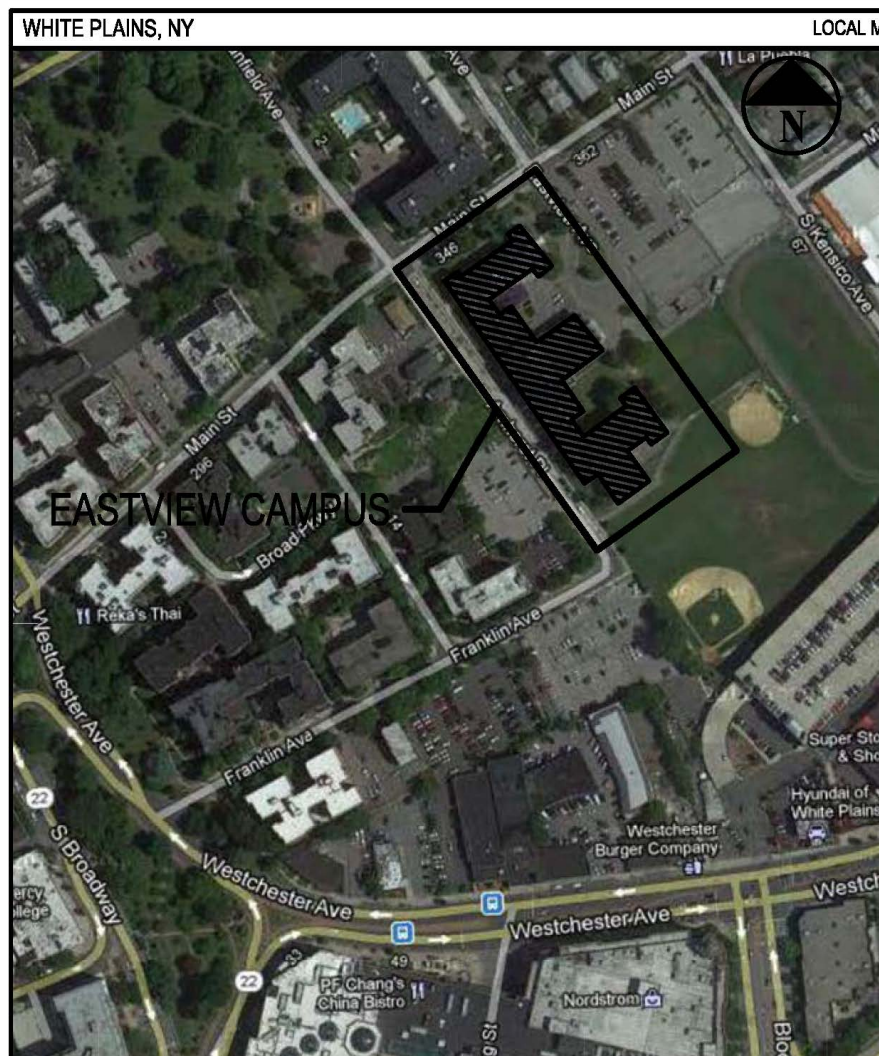
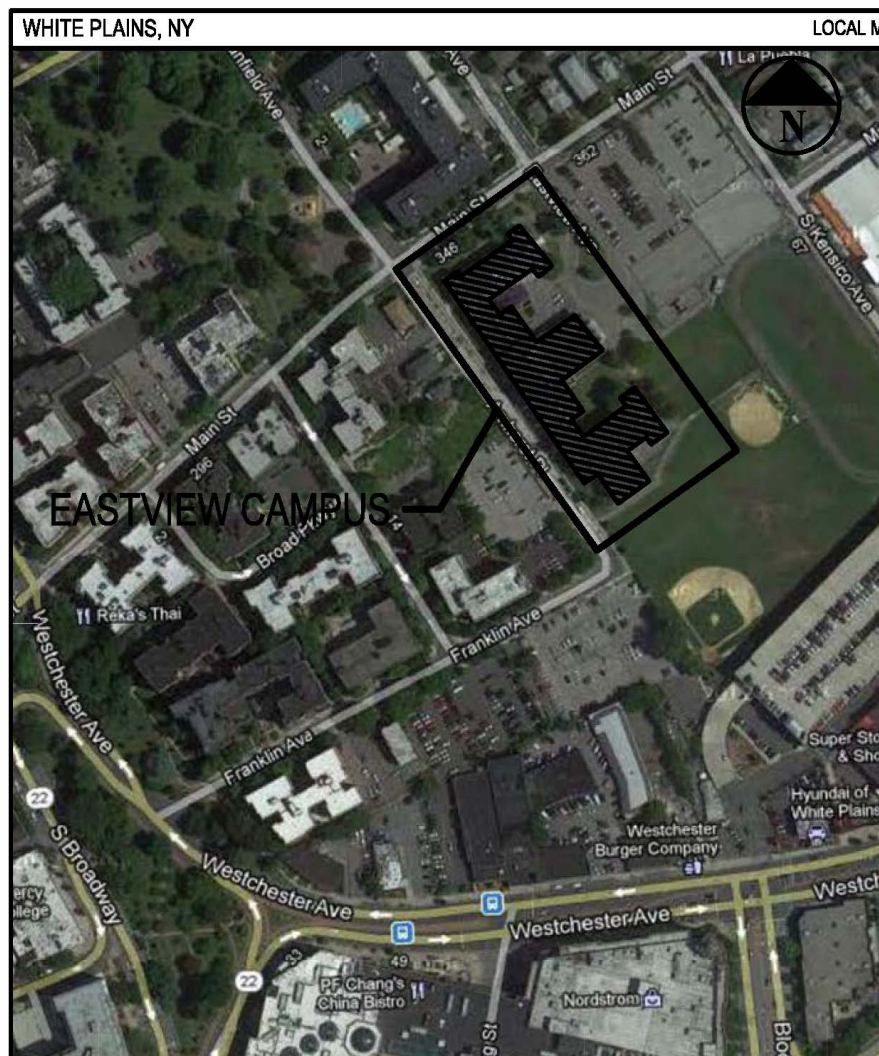
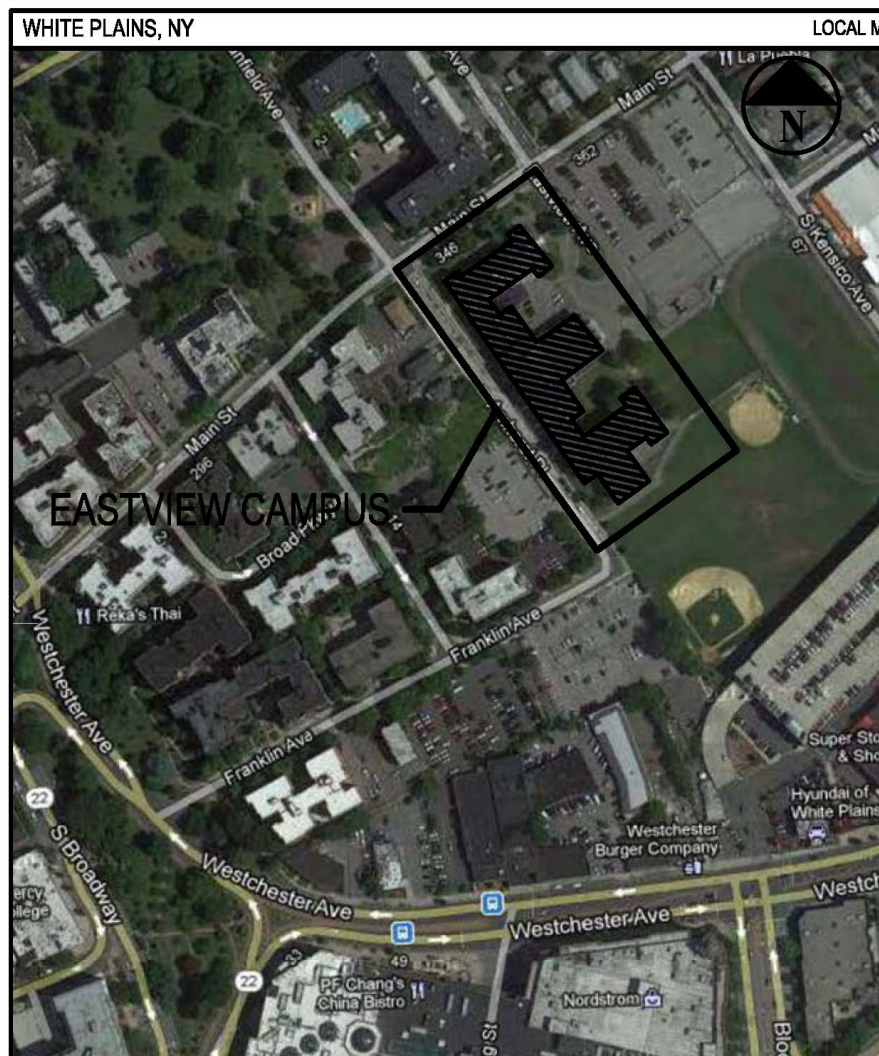
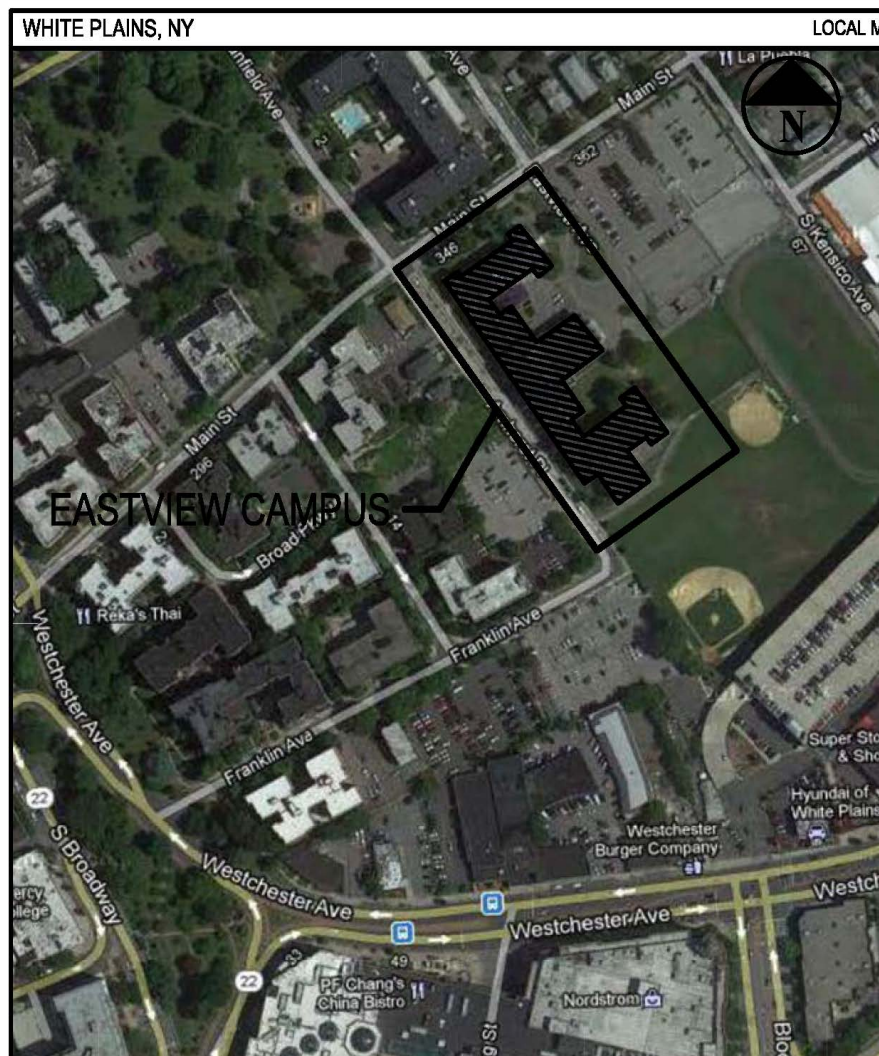
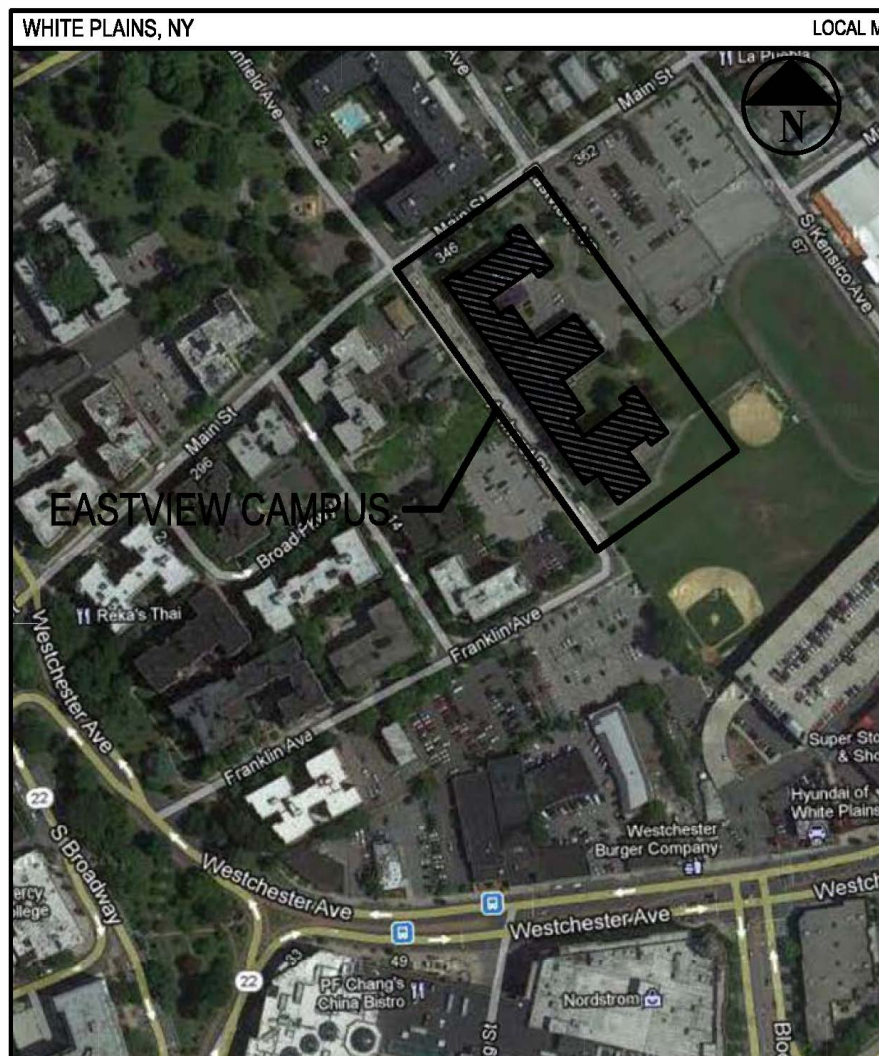
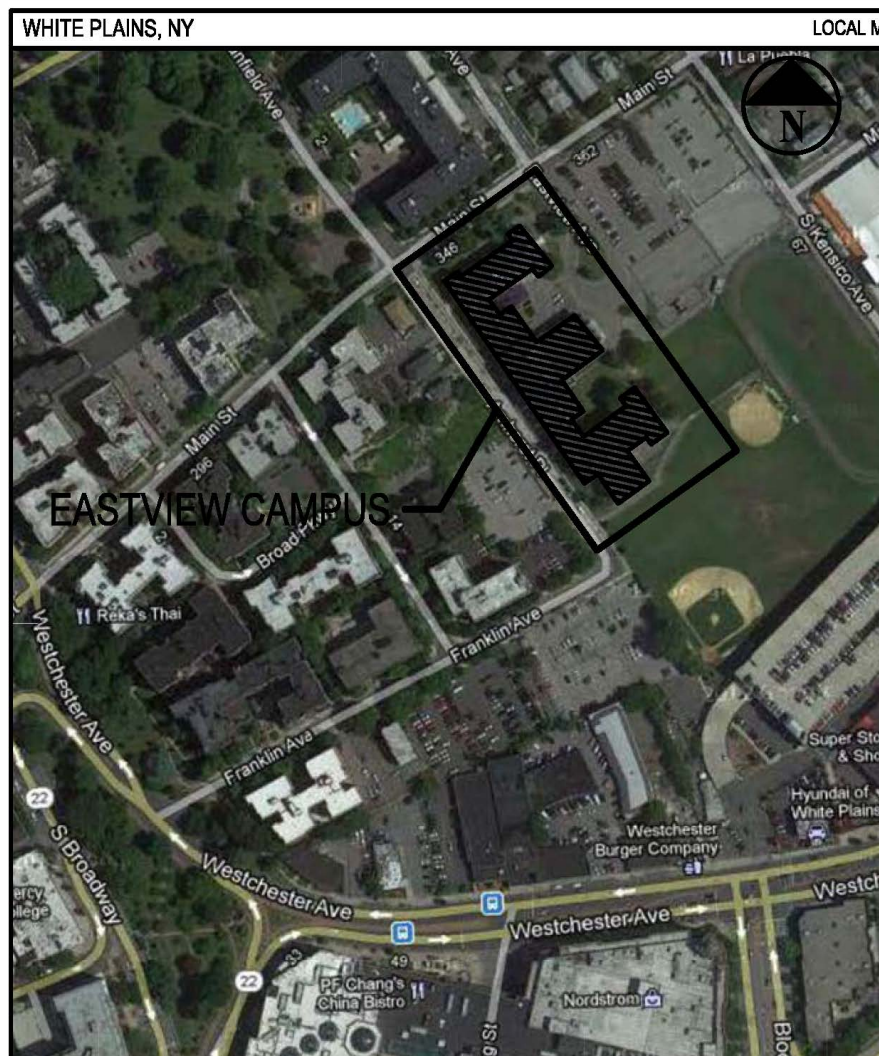
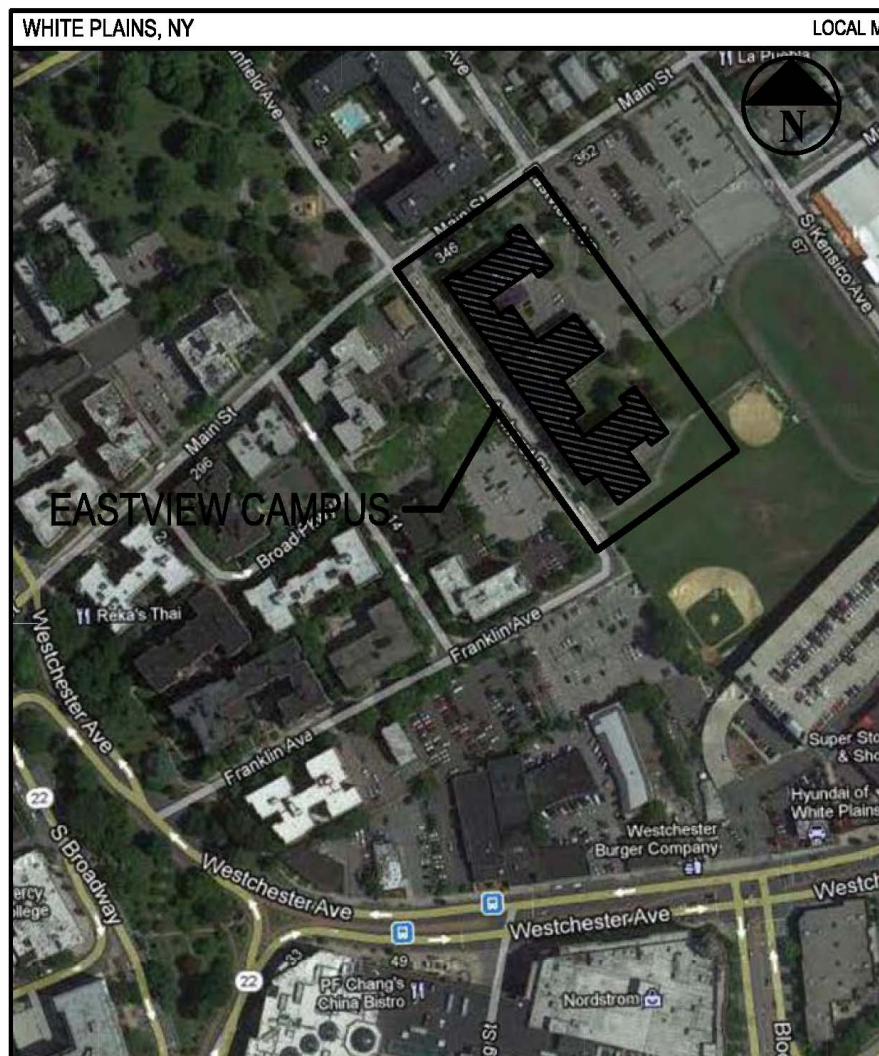
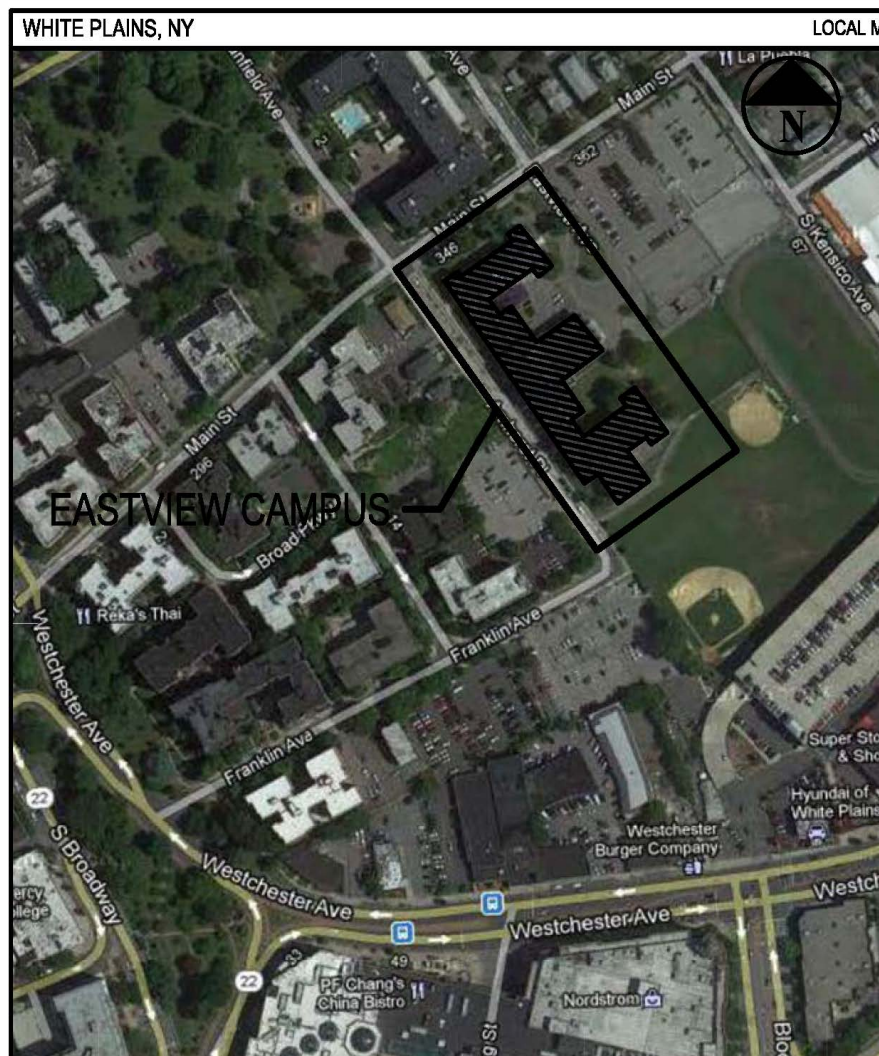
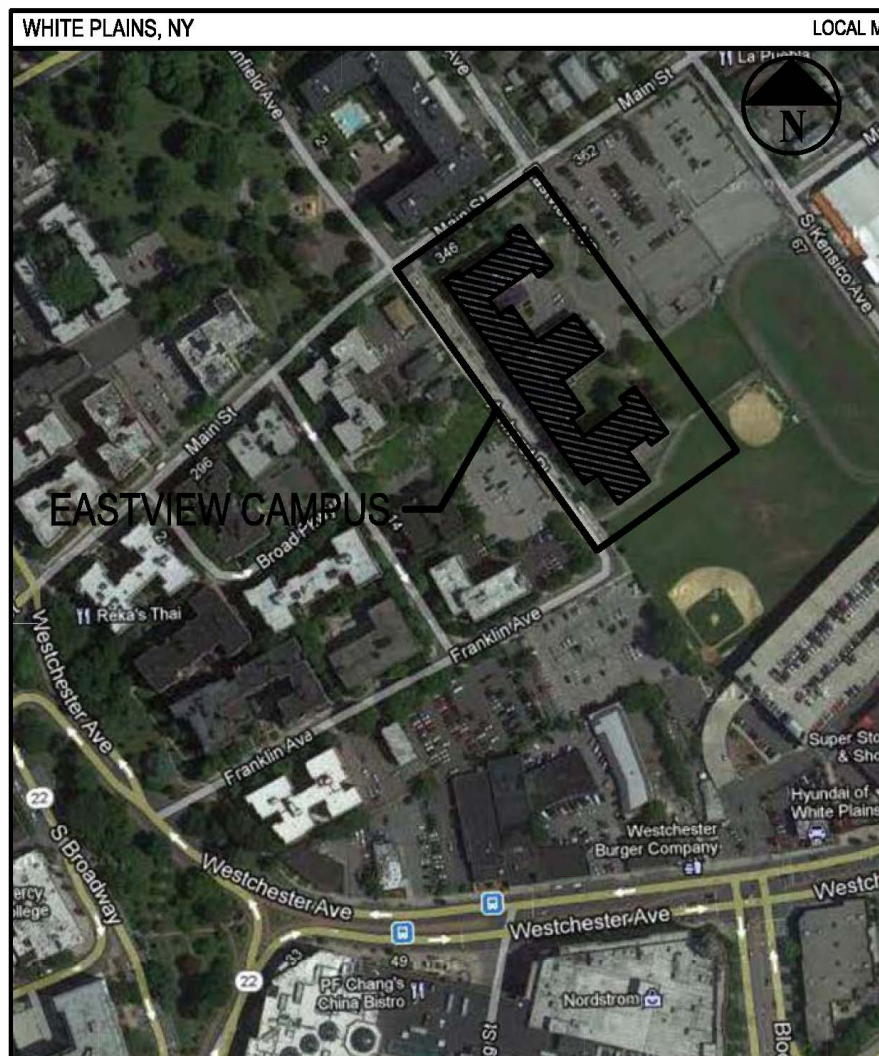
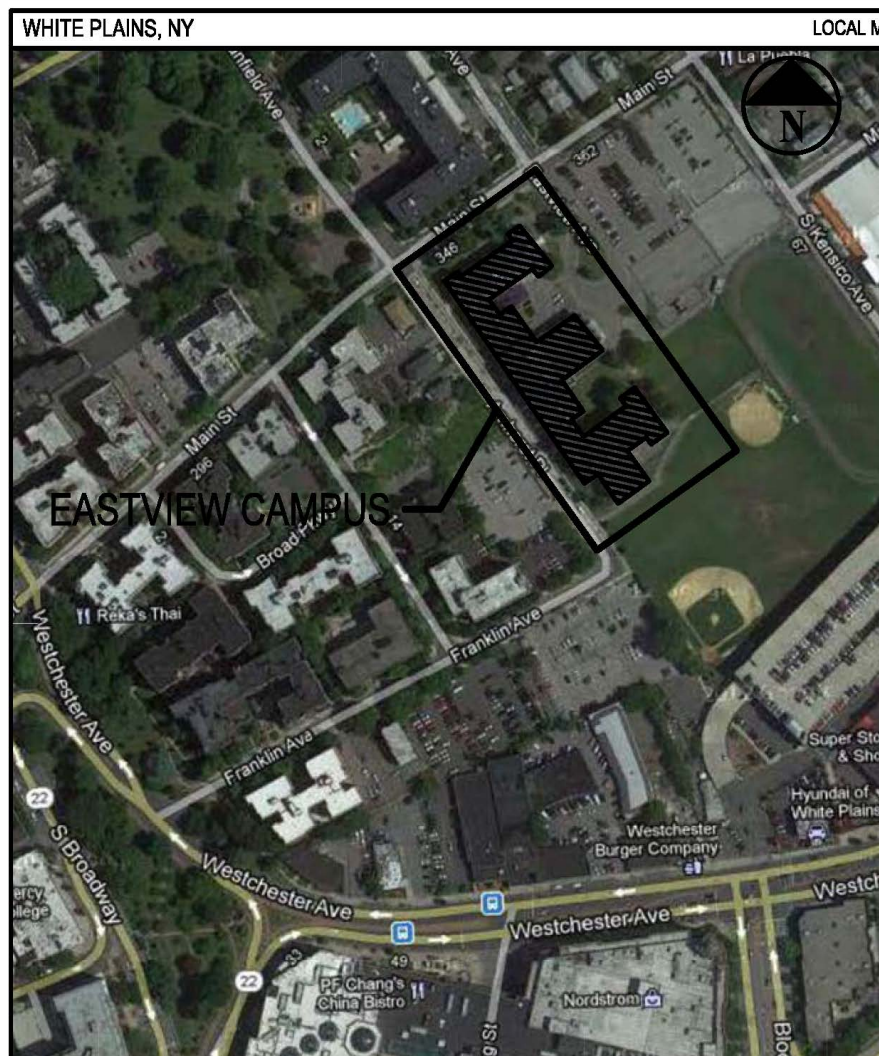
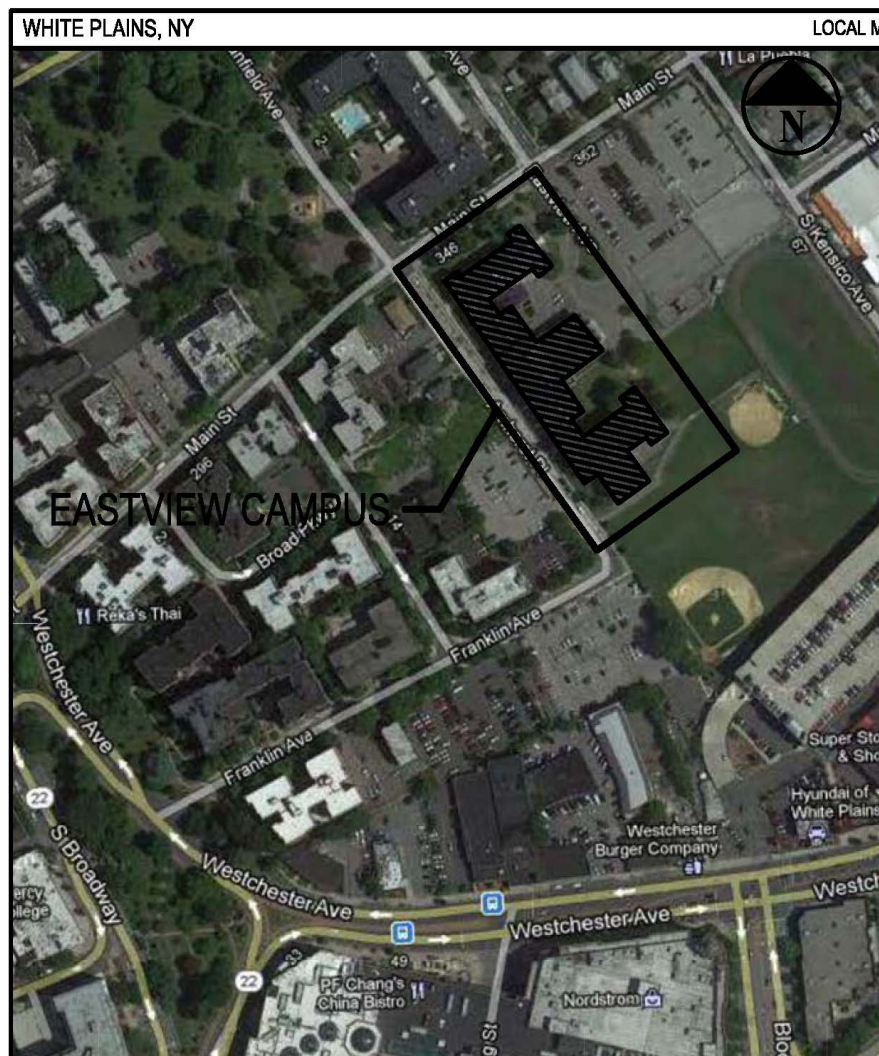
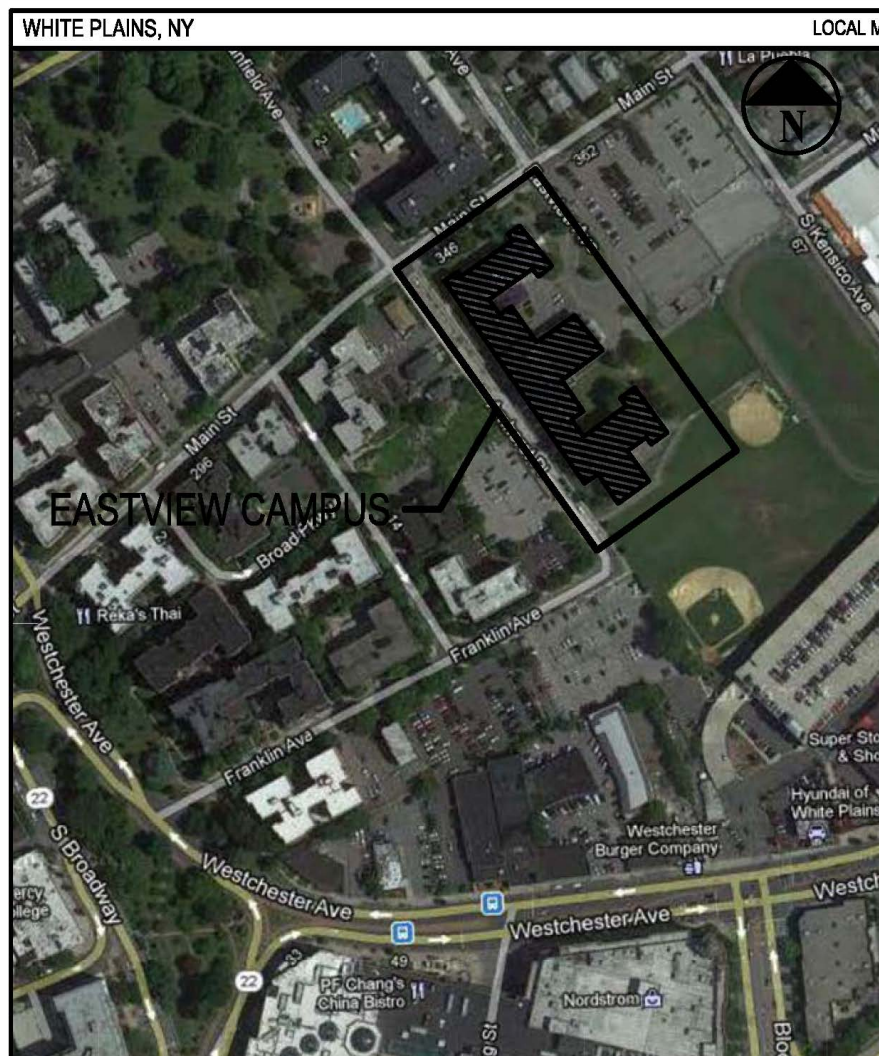
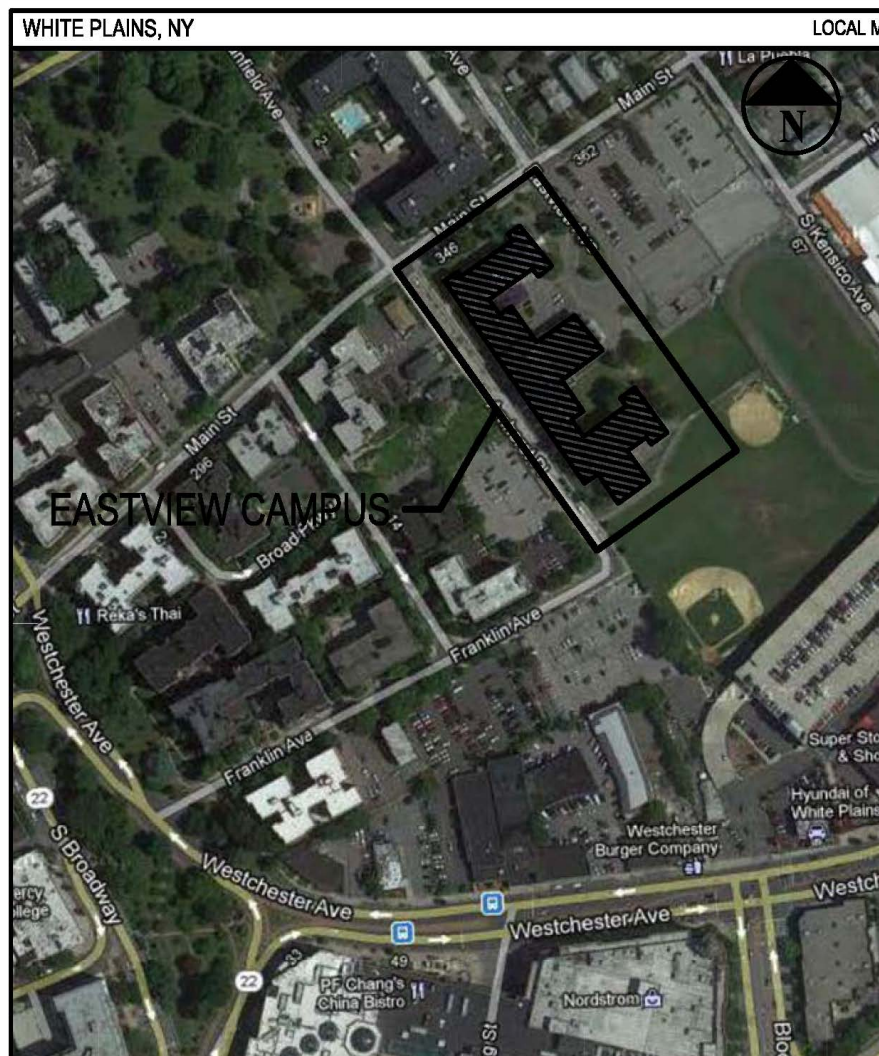
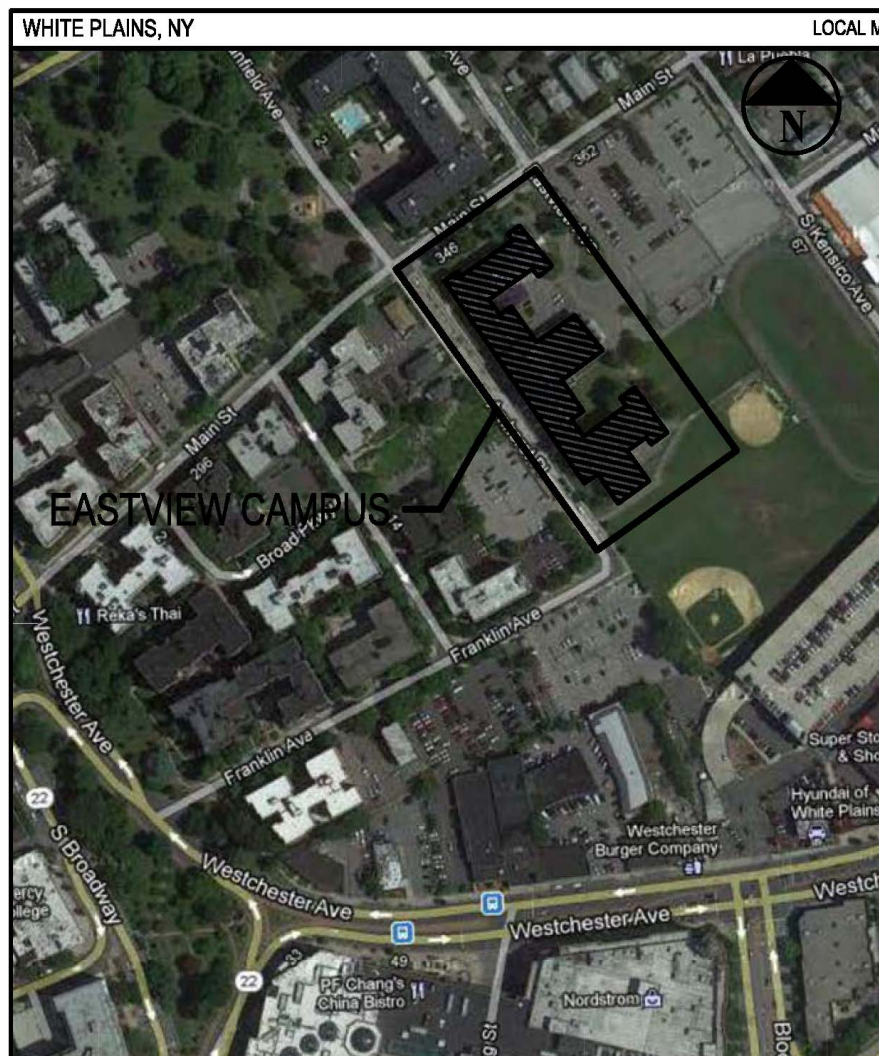
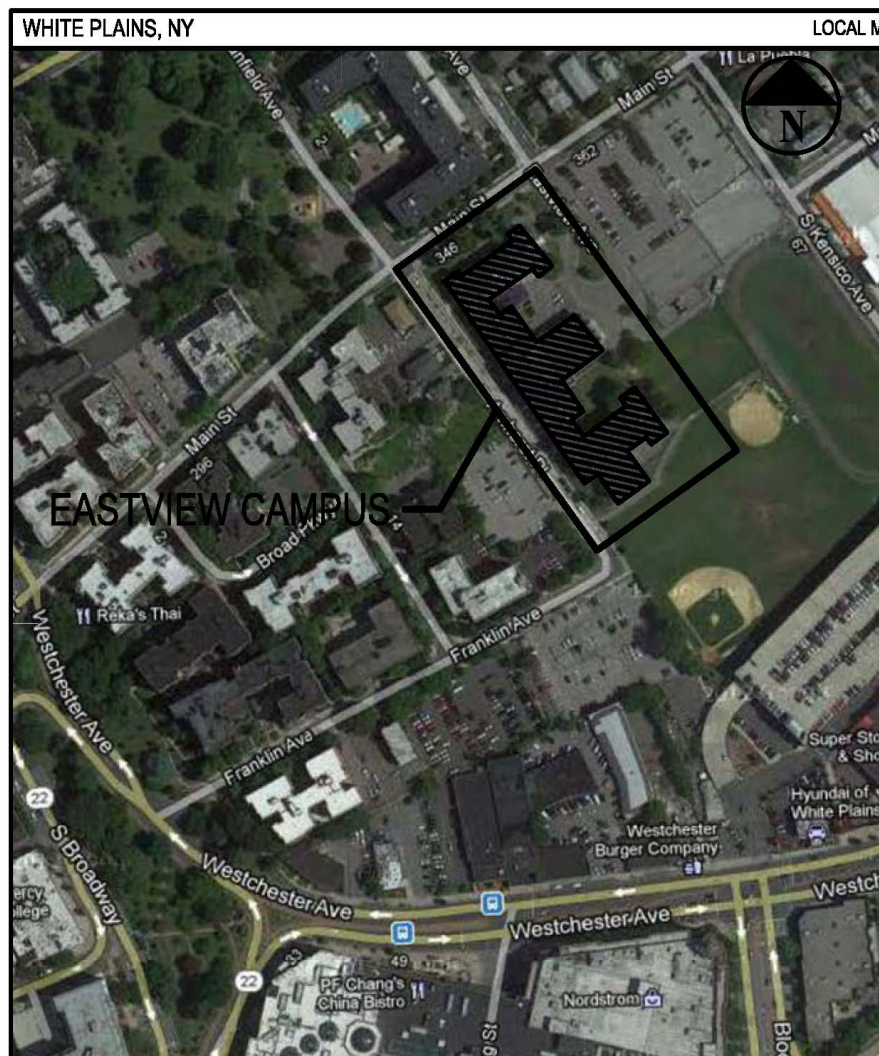
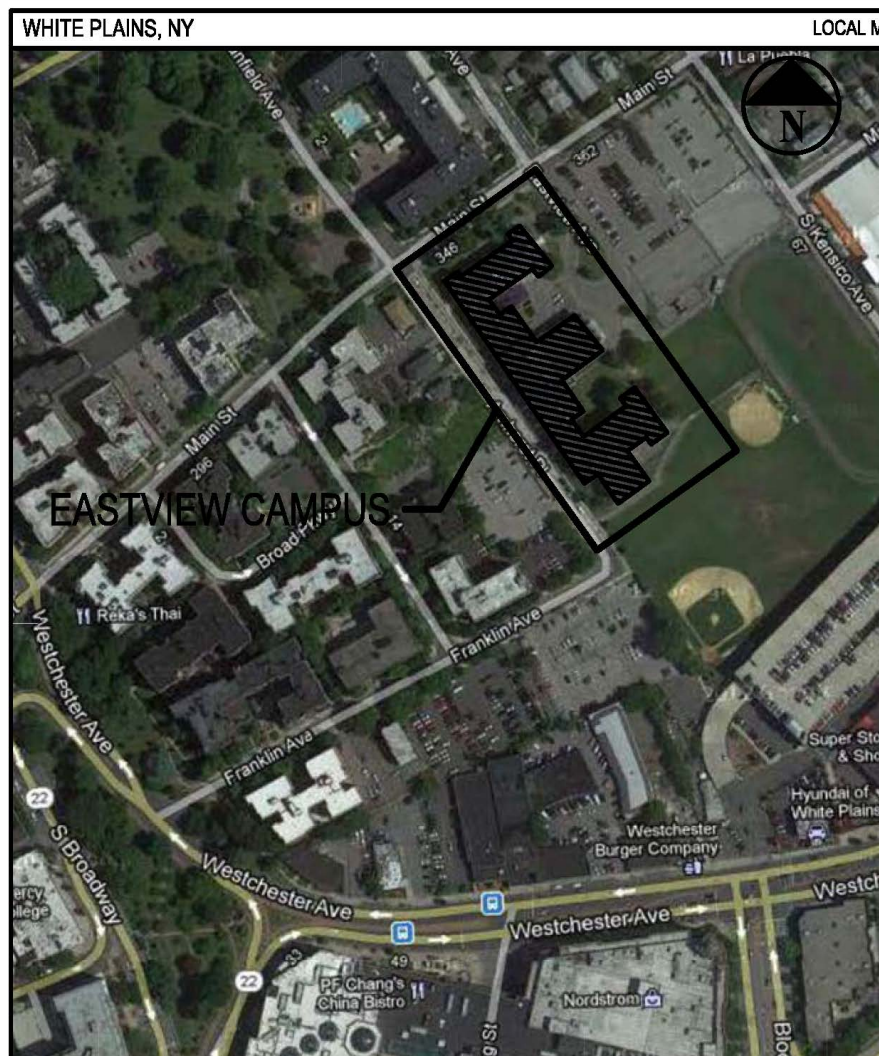
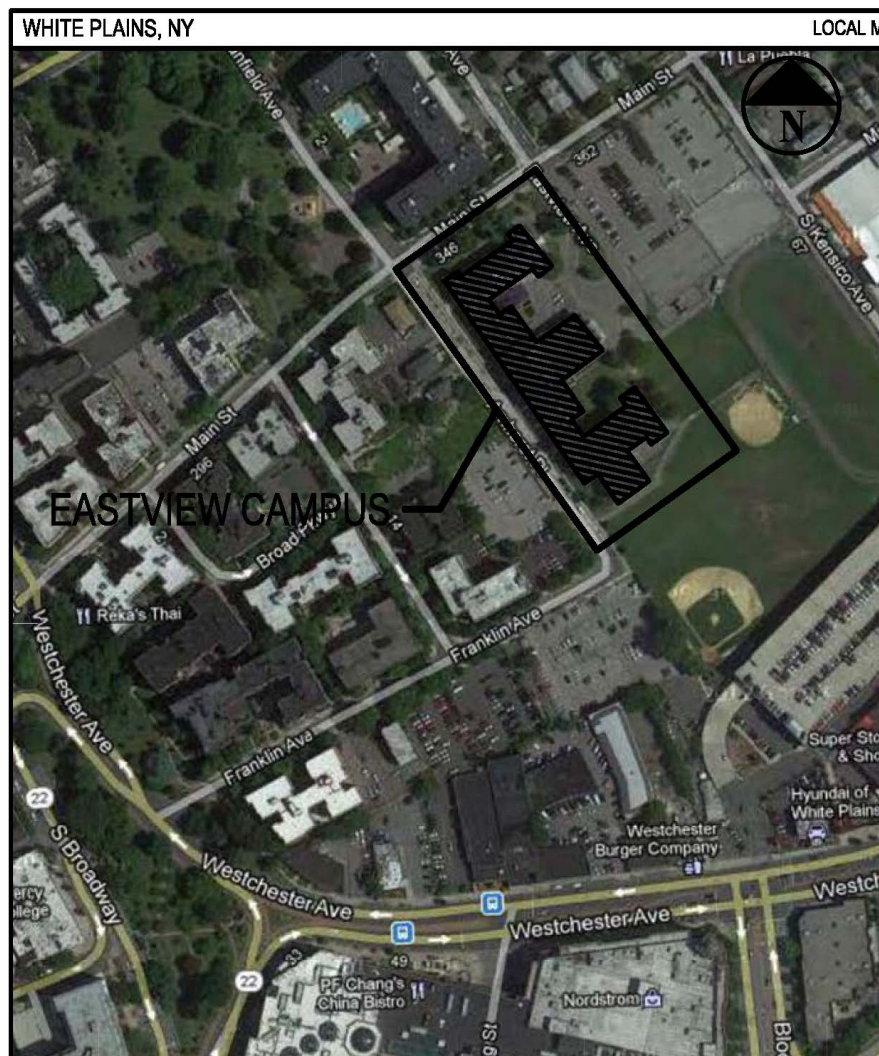
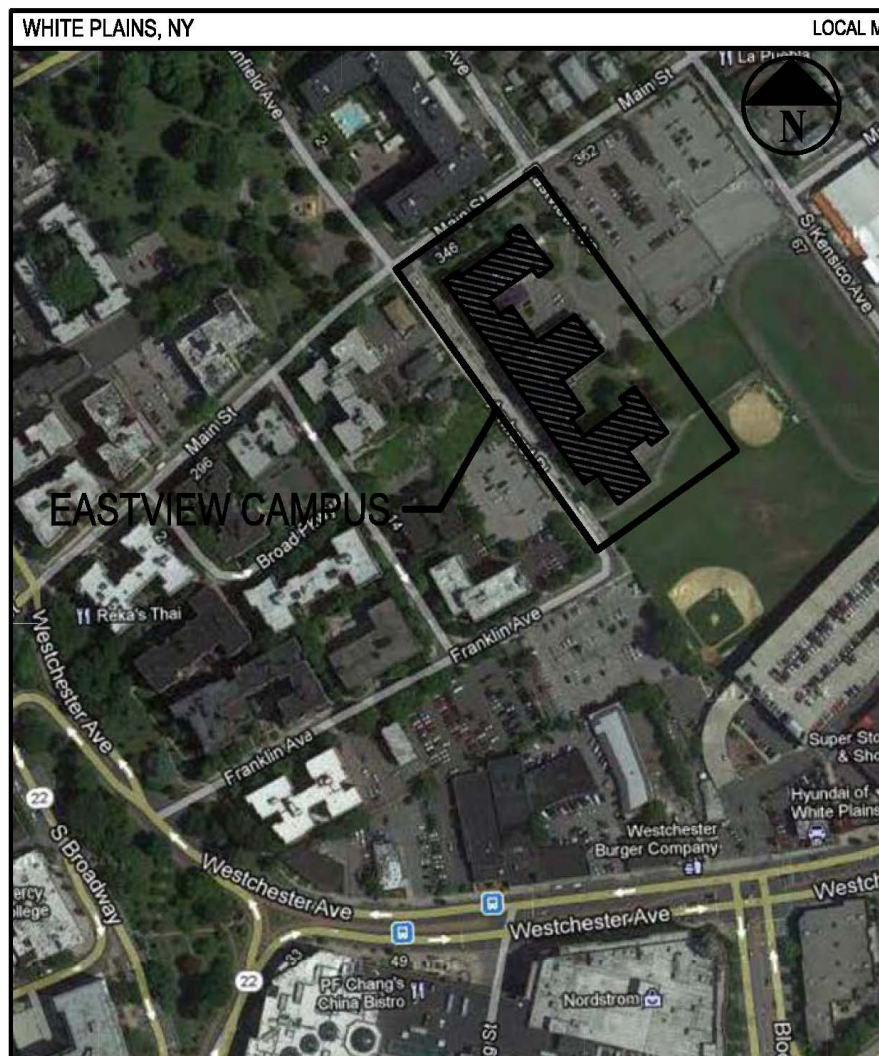
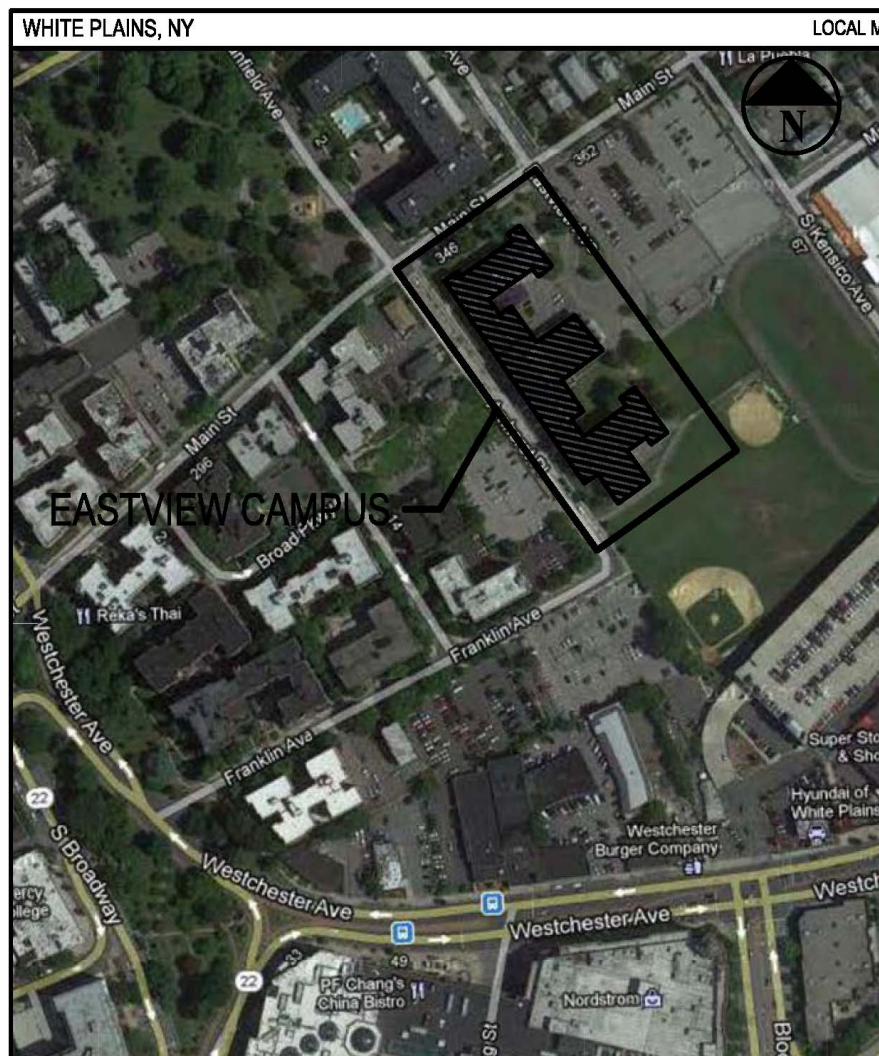
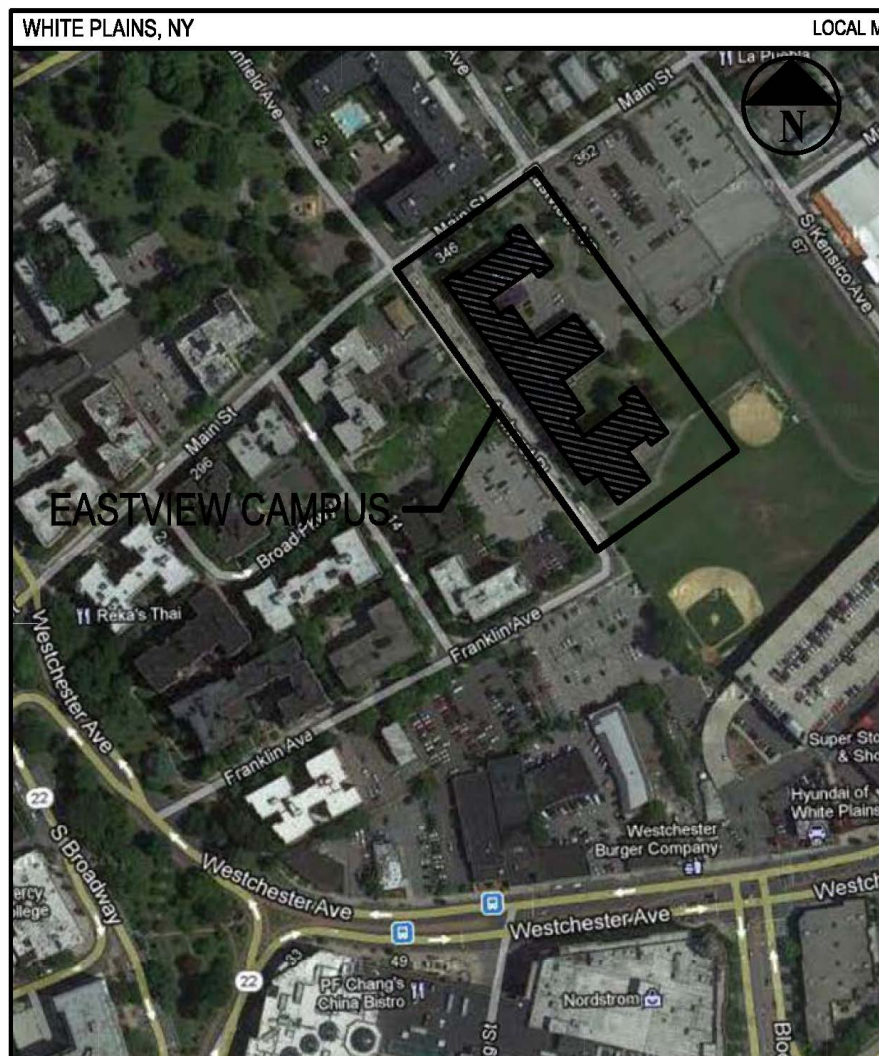
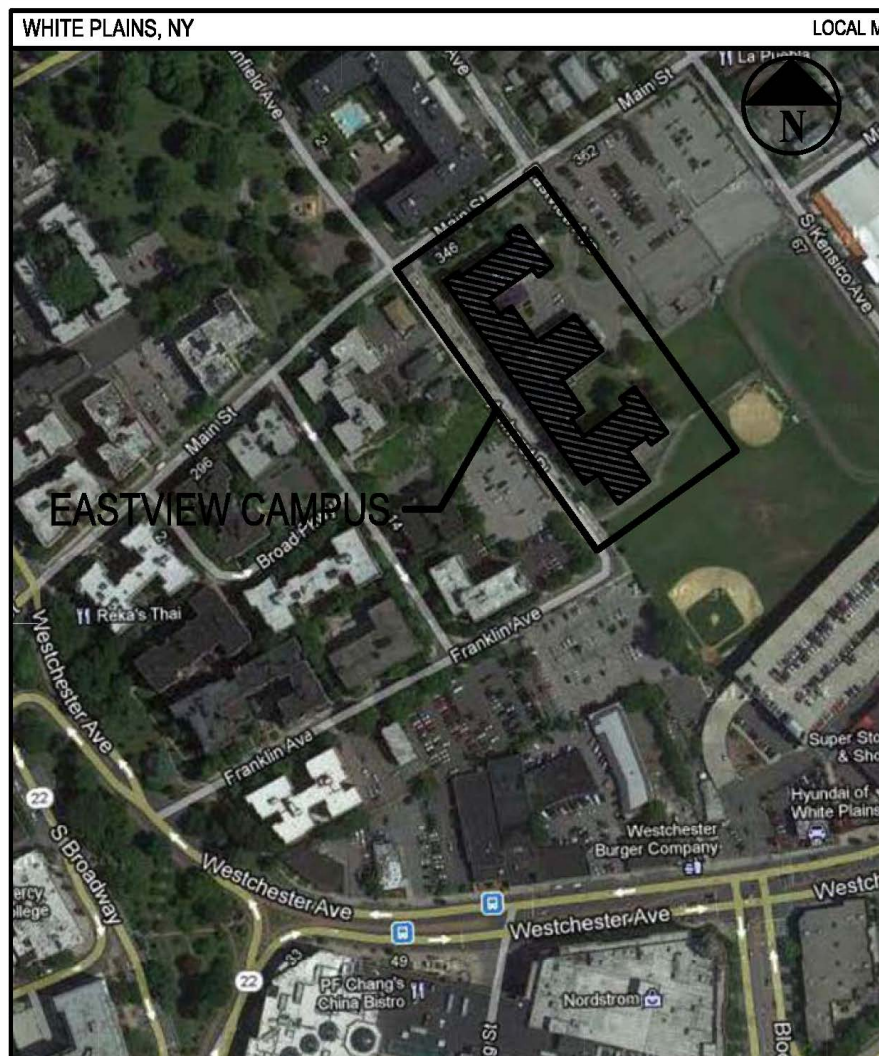
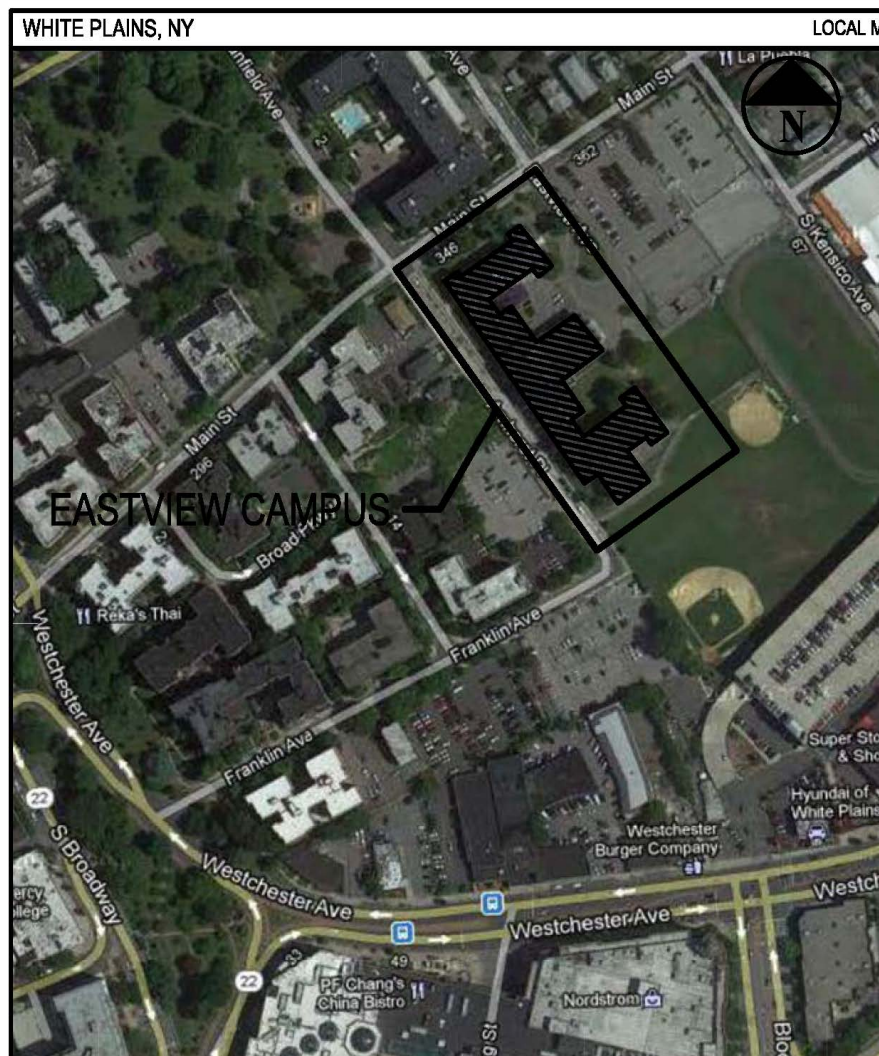
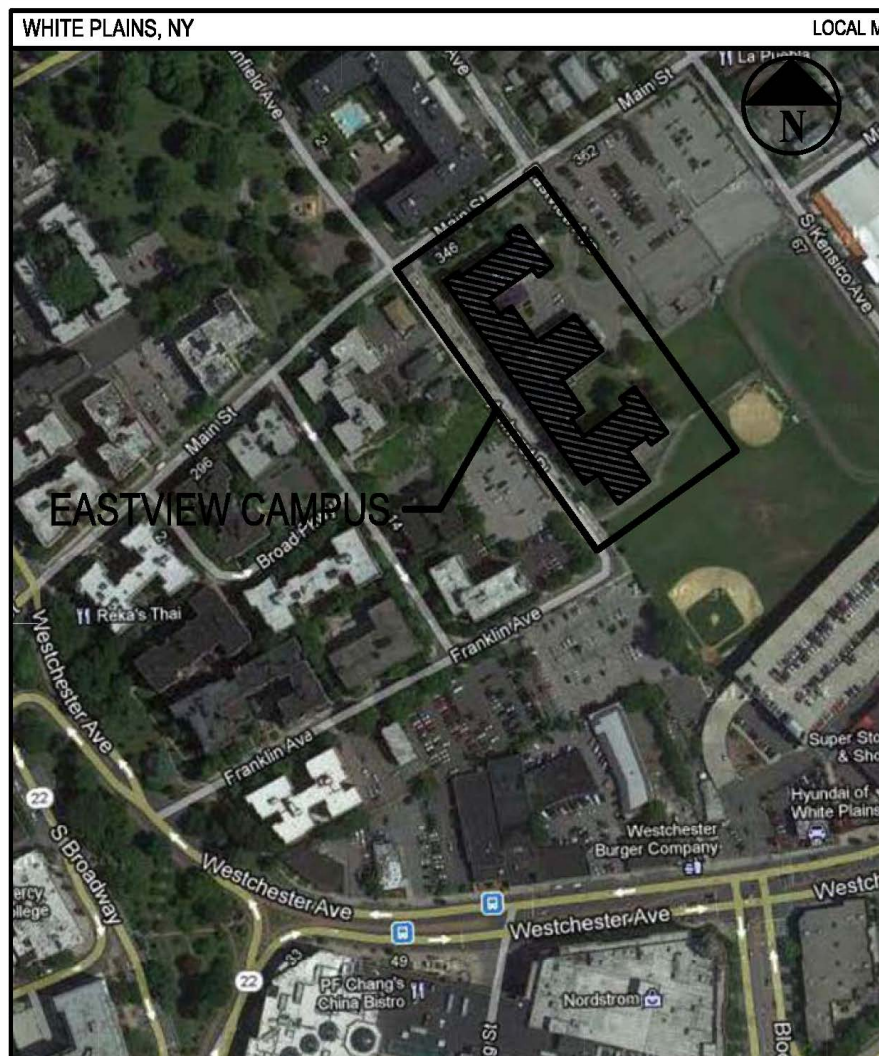
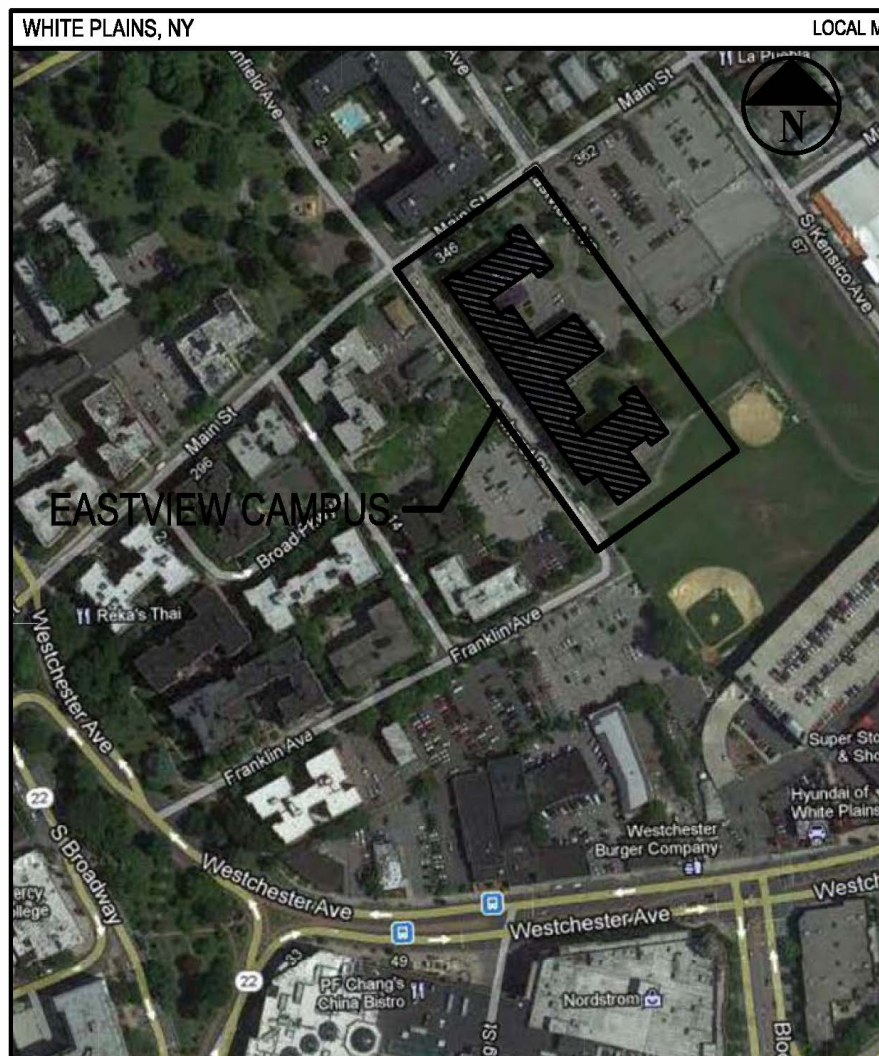
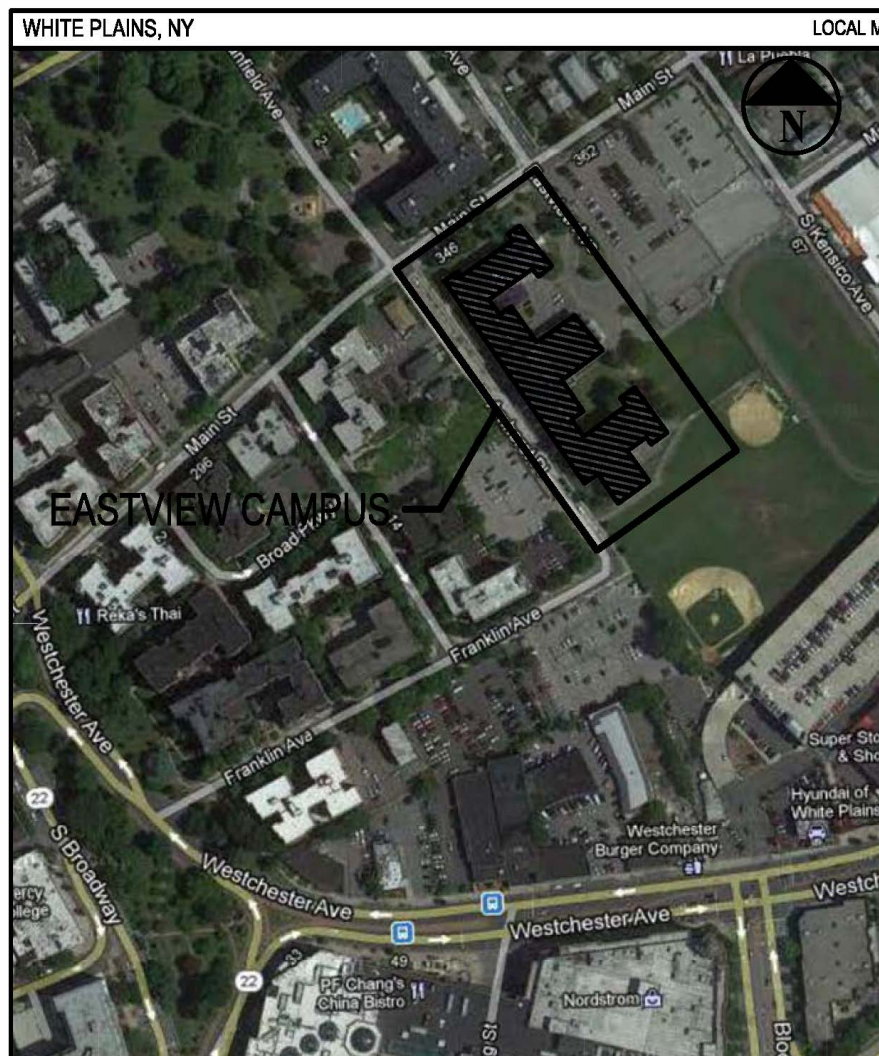
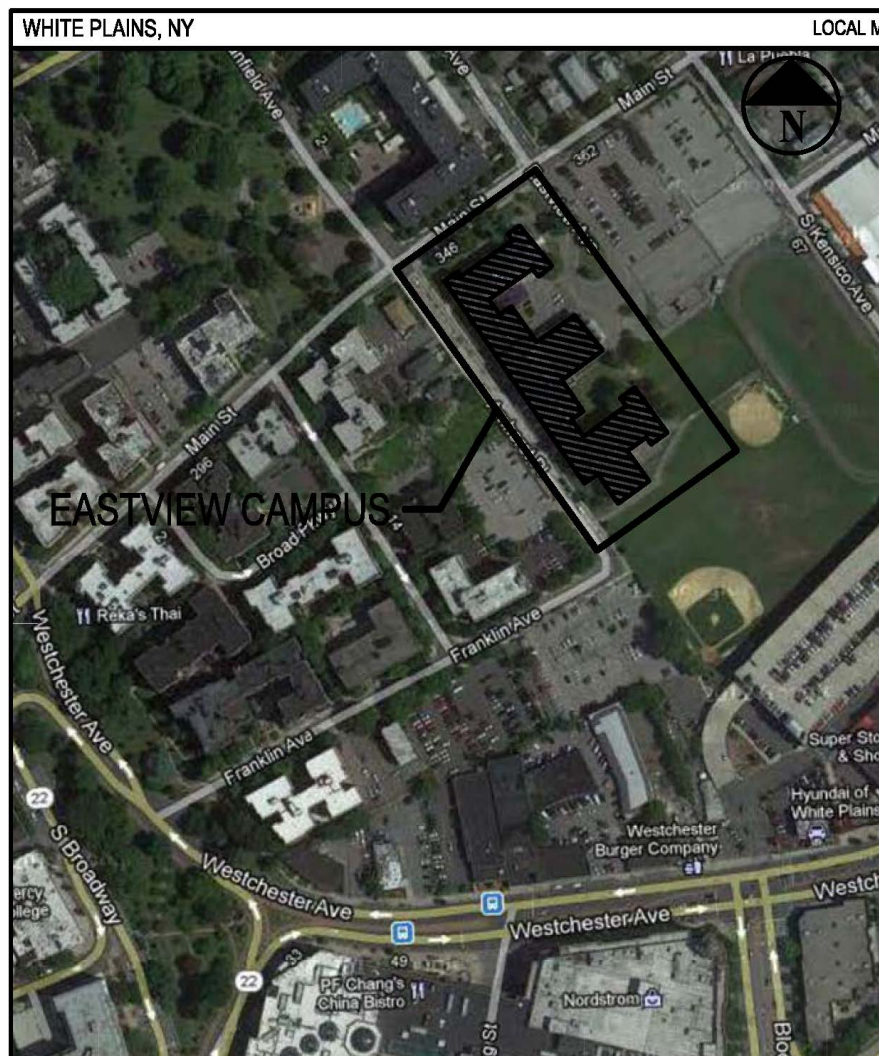
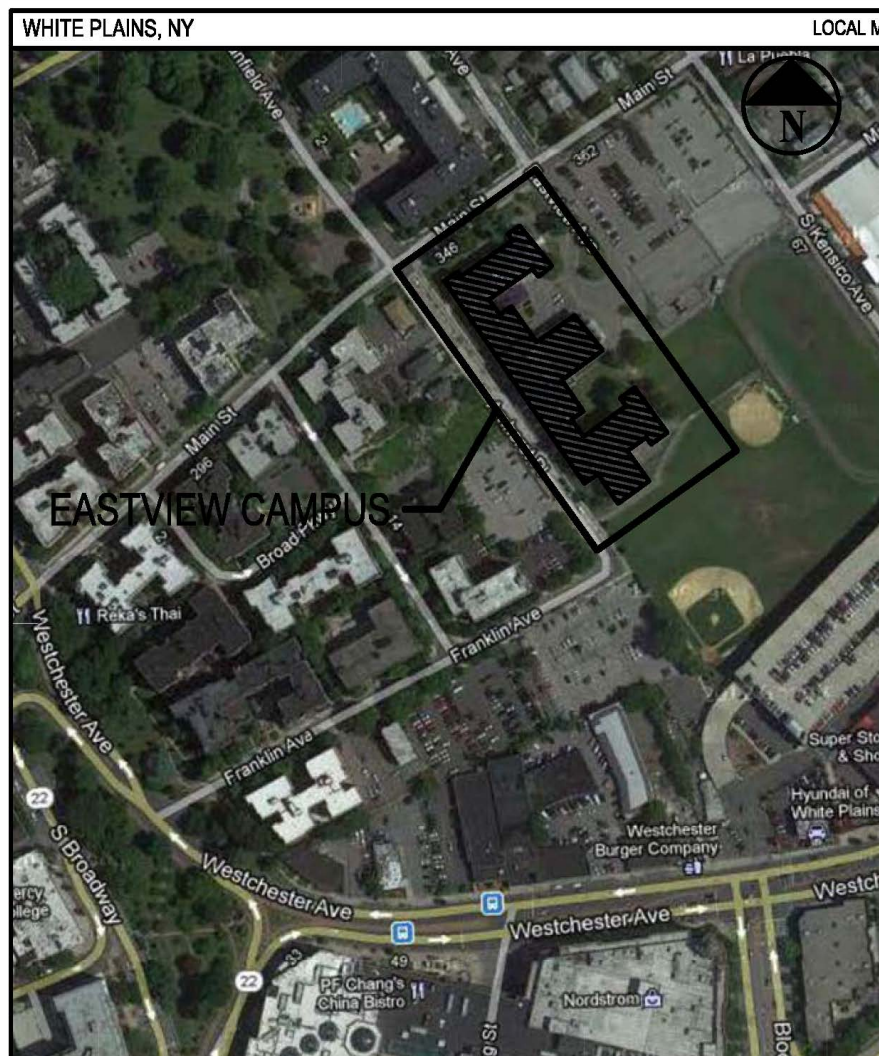
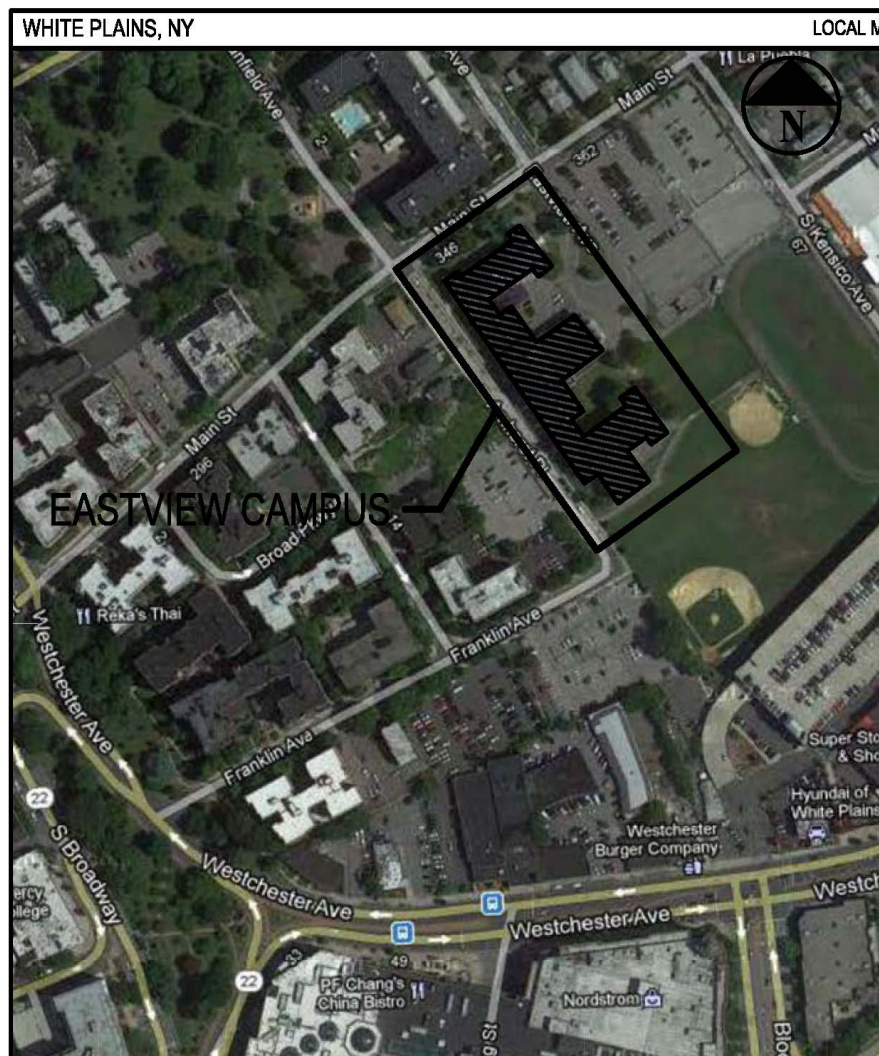
UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

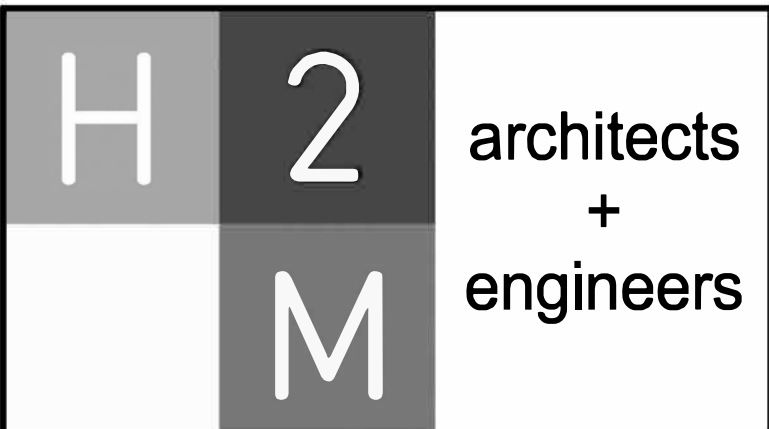
100 ORCHARD STREET WHITE PLAINS, NEW YORK 10604

SED PROJECT CONTROL NUMBER 66-22-00-01-0-003-017

CONTRACT H - HEATING, VENTILATION AND AIR CONDITIONING WORK & CONTRACT E - ELECTRICAL WORK

ABBREVIATIONS			GENERAL NOTES	DRAWING LIST
AB	Anchor Bolt	FIN	Finish	INFORMATIONAL DRAWINGS G 000.00 GENERAL NOTES, MAPS, DRAWING LIST, STAGING PLAN AND LEGENDS G 100.00 EXISTING BASEMENT LEVEL LIFE SAFETY PLAN G 101.00 EXISTING GROUND FLOOR LIFE SAFETY PLAN G 102.00 EXISTING FIRST FLOOR LIFE SAFETY PLAN G 103.00 EXISTING SECOND FLOOR LIFE SAFETY PLAN G 104.00 EXISTING THIRD FLOOR LIFE SAFETY PLAN G 105.00 EXISTING FOURTH FLOOR LIFE SAFETY PLAN HVAC DRAWINGS (CONTRACT H) M 000.00 MECHANICAL GENERAL NOTES, LEGENDS AND ABBREVIATIONS MD 111A.00 MECHANICAL DEMOLITION FIRST FLOOR PLAN PART A MD 111B.00 MECHANICAL DEMOLITION FIRST FLOOR PLAN PART B MD 111C.00 MECHANICAL DEMOLITION FIRST FLOOR PLAN PART C MD 112B.00 MECHANICAL DEMOLITION SECOND FLOOR PLAN PART B MD 112C.00 MECHANICAL DEMOLITION SECOND FLOOR PLAN PART C MD 113A.00 MECHANICAL DEMOLITION THIRD FLOOR PLAN PART A MD 113B.00 MECHANICAL DEMOLITION THIRD FLOOR PLAN PART B MD 113C.00 MECHANICAL DEMOLITION THIRD FLOOR PLAN PART C M 111A.00 MECHANICAL FIRST FLOOR PLAN PART A M 111B.00 MECHANICAL FIRST FLOOR PLAN PART B M 111C.00 MECHANICAL FIRST FLOOR PLAN PART C M 112A.00 MECHANICAL SECOND FLOOR PLAN PART A M 112B.00 MECHANICAL SECOND FLOOR PLAN PART B M 112C.00 MECHANICAL SECOND FLOOR PLAN PART C M 113A.00 MECHANICAL THIRD FLOOR PLAN PART A M 113B.00 MECHANICAL THIRD FLOOR PLAN PART B M 113C.00 MECHANICAL THIRD FLOOR PLAN PART C M 140A.00 MECHANICAL ROOF PART A PLAN M 140B.00 MECHANICAL ROOF PART B PLAN M 140C.00 MECHANICAL ROOF PART C PLAN M 140D.00 MECHANICAL ROOF PART D PLAN M 200.00 ENLARGED ELEVATIONS, SCHEDULES AND DETAILS M 400.00 ARCHITECTURAL ENLARGED PLANS AND DETAILS M 401.00 ARCHITECTURAL ENLARGED PLANS AND DETAILS M 500.00 MECHANICAL DETAILS M 600.00 MECHANICAL SCHEDULES
AC	Air Conditioning	FR	Fire Retardant	
ACI	American Concrete Institute	FTG	Footing	
ACST	Acoustic	GA	Gauge	
ACT	Acoustical Ceiling Tile	GBW	Gypsum Wall Board	
ACU	Air Conditioning Unit	GYP	Gypsum	
AD	Access Door	GYP. BD.	Gypsum Board	
ADJ	Adjustable	HC	Handicapped	
A/E	Architect/Engineer	HM	Hollow Metal	
AF	Above Finish	HOR	Horizontal	
ALUM	Aluminum	HW	Hot Water	ELECTRICAL DRAWINGS (CONTRACT E) E 001.00 ELECTRICAL LEGENDS ED 110.00 ELECTRICAL FIRST FLOOR DEMOLITION PLAN PART A ED 111.00 ELECTRICAL FIRST FLOOR DEMOLITION PLAN PART B ED 112.00 ELECTRICAL FIRST FLOOR DEMOLITION PLAN PART C ED 120.00 ELECTRICAL SECOND FLOOR DEMOLITION PLAN PART A ED 121.00 ELECTRICAL SECOND FLOOR DEMOLITION PLAN PART B ED 122.00 ELECTRICAL SECOND FLOOR DEMOLITION PLAN PART C ED 130.00 ELECTRICAL THIRD FLOOR DEMOLITION PLAN PART A ED 131.00 ELECTRICAL THIRD FLOOR DEMOLITION PLAN PART B ED 132.00 ELECTRICAL THIRD FLOOR DEMOLITION PLAN PART C E 100.00 ELECTRICAL PARTIAL LOWER LEVEL POWER PLAN E 110.00 ELECTRICAL FIRST FLOOR HVAC POWER PLAN PART A E 111.00 ELECTRICAL FIRST FLOOR HVAC POWER PLAN PART B E 112.00 ELECTRICAL FIRST FLOOR HVAC POWER PLAN PART C E 120.00 ELECTRICAL SECOND FLOOR HVAC POWER PLAN PART A E 121.00 ELECTRICAL SECOND FLOOR HVAC POWER PLAN PART B E 122.00 ELECTRICAL SECOND FLOOR HVAC POWER PLAN PART C E 130.00 ELECTRICAL THIRD FLOOR HVAC POWER PLAN PART A E 131.00 ELECTRICAL THIRD FLOOR HVAC POWER PLAN PART B E 132.00 ELECTRICAL THIRD FLOOR HVAC POWER PLAN PART C E 150.00 ELECTRICAL ROOF HVAC POWER PLAN PART A E 151.00 ELECTRICAL ROOF HVAC POWER PLAN PART B E 152.00 ELECTRICAL ROOF HVAC POWER PLAN PART C E 500.00 ELECTRICAL PANEL SCHEDULES E 601.00 ELECTRICAL PANEL SCHEDULES E 502.00 ELECTRICAL SINGLE LINE, SCHEDULE AND DETAILS
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	MAX	Maximum	
AWS	American Welding Society	MECH	Mechanical	
B	Blanket	MISC	Miscellaneous	
BAL	Balance	MSO	Masonry Opening	
BB	Bulletin Board	MR	Moisture Resistant	
BD	Board	NIC	Not in Contract	<p>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.</p> <p>ALL NOTES APPEARING HEREIN, WITH THOSE ON VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT DOCUMENTS.</p> <p>IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL DIMENSIONS, SQUARE FOOTAGES, LOCATIONS AND QUANTITIES OF ALL ITEMS AND/OR SPACES WHETHER INDICATED IN THE DRAWINGS OR NOT.</p> <p>DO NOT SCALE MEASURE ANY DRAWING. VERIFY THE FIGURES, DIMENSIONS AND DESIGN INTENTION SHOWN ON THE DRAWINGS BEFORE BEGINNING LAYOUT OF THE WORK AND REPORT ANY ERRORS, INACCURACIES, OR CONFLICTS TO THE ARCHITECT/ENGINEER IN WRITING BEFORE BEGINNING ANY WORK.</p> <p>ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, LAWS AND STATUTES AS REQUIRED. STRICTLY ADHERE TO MANUFACTURERS PRINTED INSTRUCTIONS.</p> <p>VERIFY EXACT LAYOUT COMPATIBILITY WITH ALL EXISTING CONDITIONS BEFORE BEGINNING WORK.</p> <p>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.</p> <p>EACH CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANSI AND PROVIDE WHERE APPLICABLE ADA COMPLIANT BUILDING COMPONENTS.</p> <p>THE OWNER RESERVES THE RIGHT AT ALL TIMES TO DELIVER, PLACE AND INSTALL EQUIPMENT AND FURNISHINGS AS THE WORK PROGRESSES SO LONG AS THERE IS NOT A CONFLICT WITH THE CONTRACTORS.</p> <p>THE CONTRACTOR SHALL MAINTAIN AT THE SITE ONE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS AND APPROVED SHOP DRAWINGS AND APPROVED SAMPLES MARKED CURRENTLY TO RECORD ALL CHANGES DURING CONSTRUCTION.</p> <p>ANY CHANGES TO THE SCOPE OF WORK OR IN THE CONSTRUCTION DETAILS, WHETHER DUE TO FIELD CONDITIONS OR OMISSION SHALL BE DOCUMENTED BY THE ARCHITECT PRIOR TO EXECUTION. ANY INCREASE OR DECREASE IN THE CONTRACT PRICE MUST BE APPROVED IN WRITING PRIOR TO EXECUTION.</p>
BULD	Building	NTS	Not to Scale	
BLK	Block	OC	On Center	
BLKG	Blocking	OD	Outside Diameter	
BUM	Beam	PLYWD	Plywood	
B.O.	Bottom Of	PSF	Pounds per Square Foot	
BOL	Bottom Of Lintel	PSI	Pounds per Square Inch	
BOT	Bottom	PTD	Painted	
CEIL	Ceiling	PVC	Polyvinyl Chloride	
CEM	Cement	R	Radius or Riser	
CER	Ceramic	RCP	Reflected Ceiling Plan	
CLO	Closet	RD	Roof Drain	
CMU	Concrete Masonry Unit	REINF	Reinforced	
COL	Column	RM	Rough Opening	
CONC	Concrete	SIM	Similar	
CONST	Construction	SPEC	Specifications	
CNT	Continuous	SQ	Square	
CORR	Corridor	SS	Stainless Steel	
CPT	Carpet	STL	Steel	
DS	Downspout	TEMP	Temperature	
DW	Dishwasher	TER	Terrazzo	
DWG	Drawing	THK	Thick	
EA	Each	TYP	Typical	
EL	Elevation	UNO	Unless Noted Otherwise	
ELEC	Electrical	UTIL	Utility	
ELEV	Elevator	VB	Vapor Barrier	
EP	Electrical Panel	VCT	Vinyl Composition Tile	
EPY	Epoxy Coating	VERT	Vertical	
EQ	Equipment	VTR	Vent Thru Roof	

LOCATION MAPS		SYMBOLS LEGEND		UNIFORM SAFETY STANDARDS - FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS							
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											



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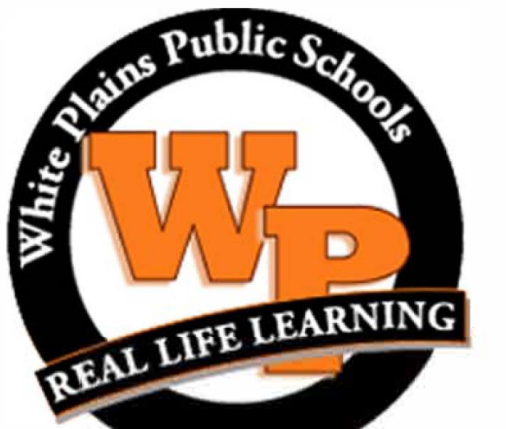
CONSULTANTS:

[illegible]

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL."			
DESIGNED BY: NPO	DRAWN BY: NPO	CHECKED BY: CWP	REVIEWED BY:
PROJECT No.: WPSD2114	DATE: FEBRUARY 2022	SCALE: AS SHOWN	

**WHITE PLAINS CITY
SCHOOL DISTRICT**

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

ALL CONTRACTS

STATUS

FINAL BID DOCUMENT

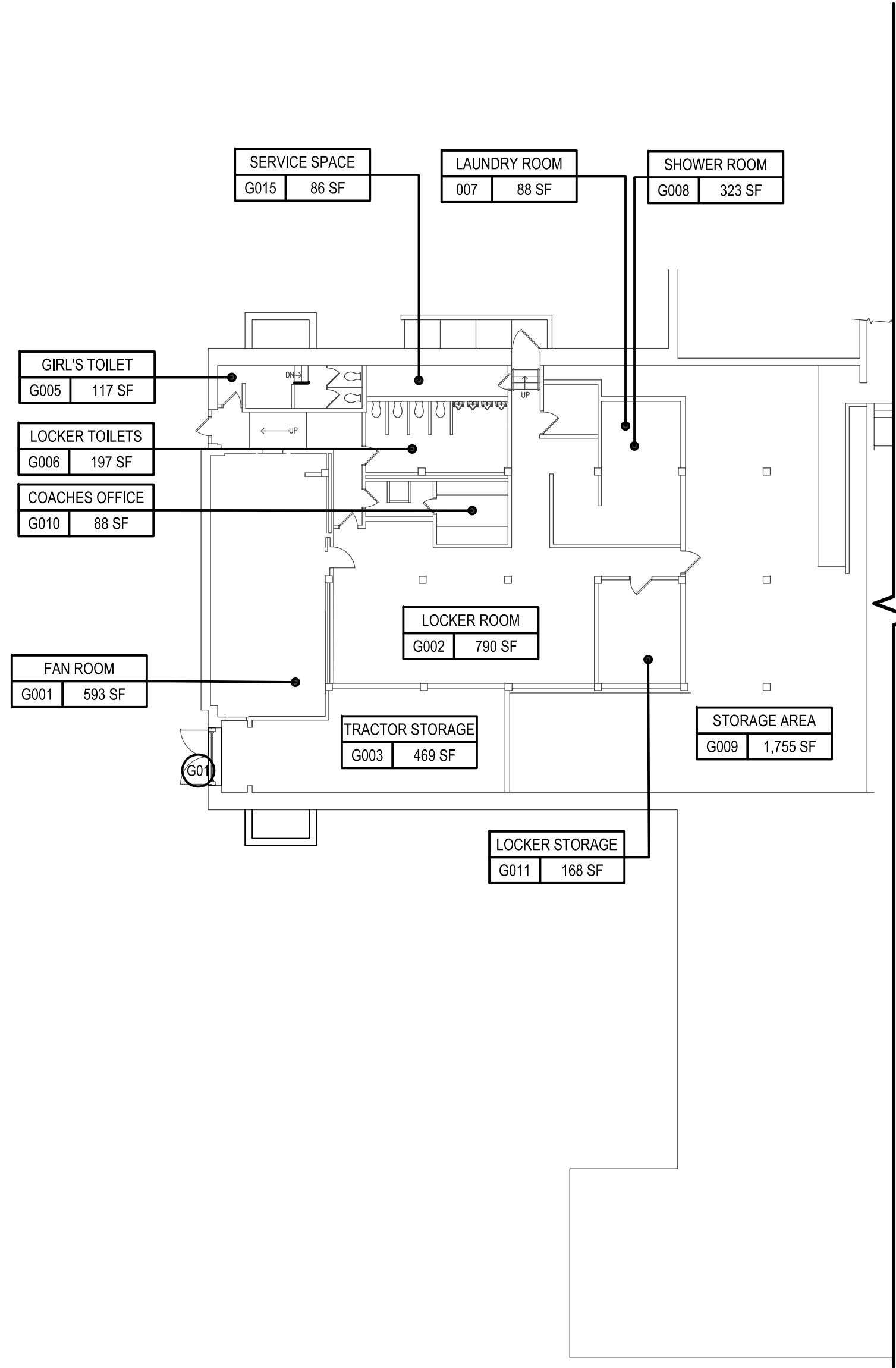
SHEET TITLE

GENERAL NOTES, MAPS, DRAWING LIST, STAGING PLAN AND LEGENDS

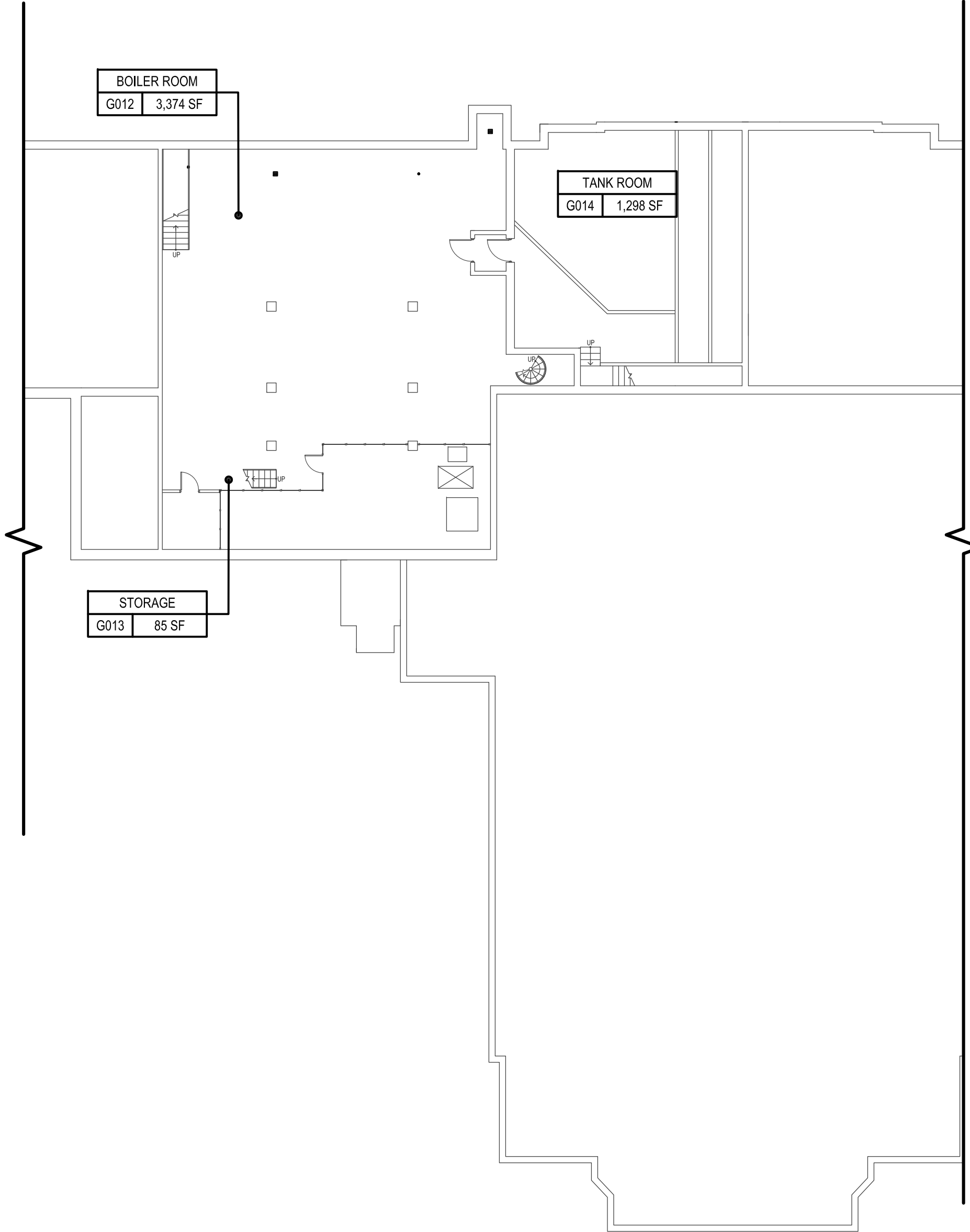
DRAWING No.

G000.00

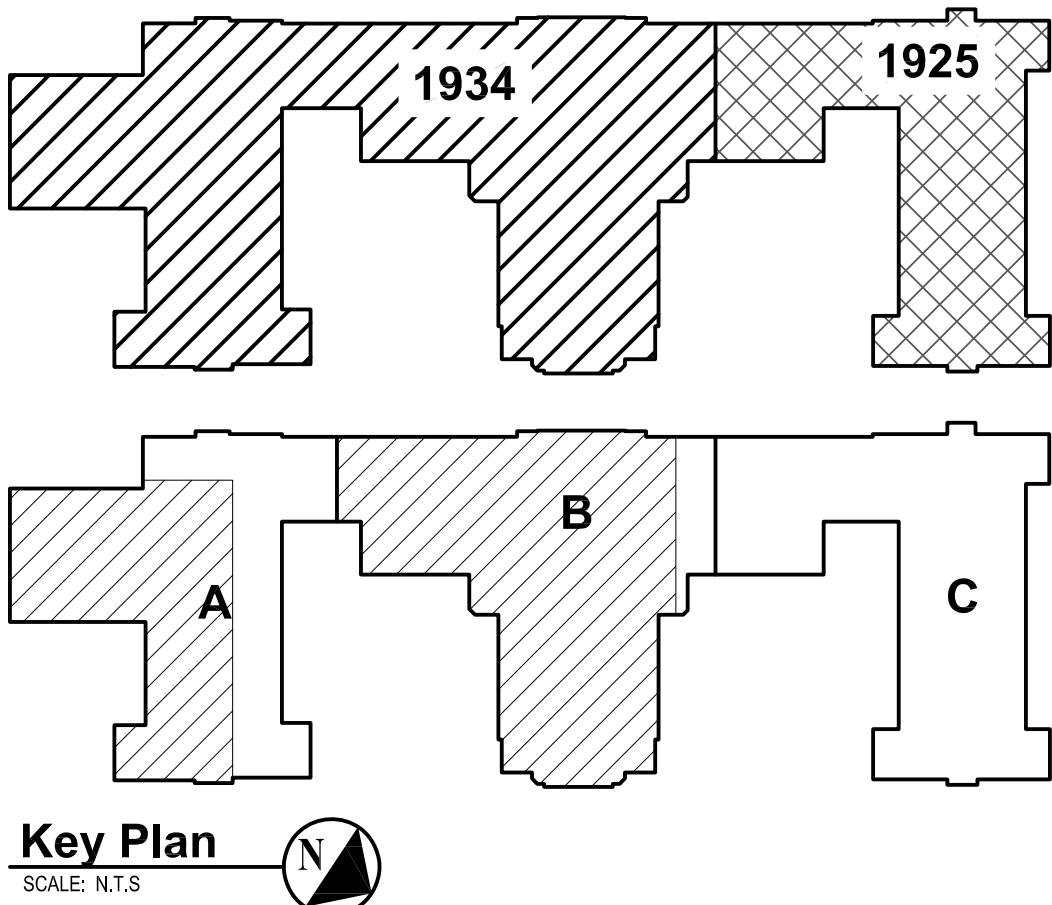
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1 Existing Ground Level Plan - Area A
SCALE: 1/16"= 1'-0"



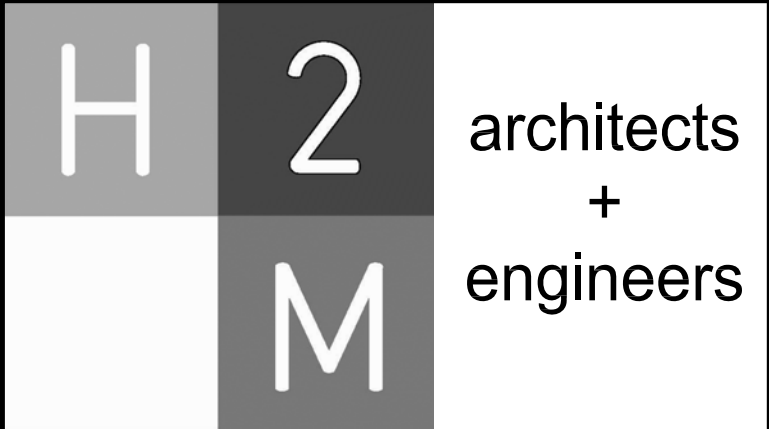
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SCALE: 1/16"= 1'-0"



Key Plan
SCALE: N.T.S.

LEGEND	
ROOM	ROOM NUMBER
000	± S.F.
⦿	EXISTING FIRE EXTINGUISHER
⦿	EXISTING PULL STATION
⦿	EXISTING FIRE ALARM STROBE
⦿	EXISTING SMOKE DETECTOR
⦿	EXISTING EXIT SIGN
⦿	EXISTING EMERGENCY LIGHTING
⦿	EXISTING EXIT SIGN WITH EMERGENCY LIGHTING
⦿	EXISTING FIRE HOSE

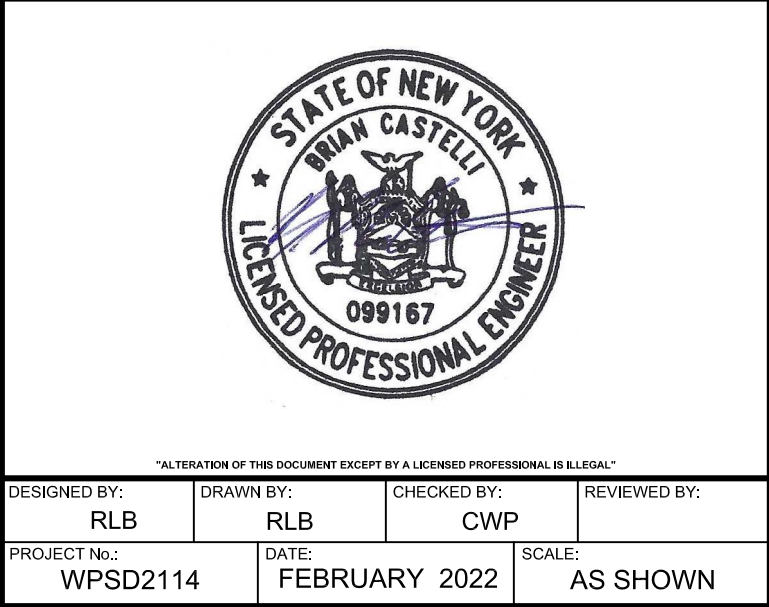
2020 BUILDING CODE OF NEW YORK STATE		
	ALLOWED	PROPOSED/EXISTING
BUILDING OCCUPANCY	EDUCATIONAL GROUP E	EDUCATIONAL GROUP E
CONSTRUCTION CLASSIFICATION	IIB	IIB
HEIGHT (STORIES)	2 STORIES	4 STORIES (NO CHANGE)
HEIGHT (FEET)	55 FEET	58 FEET (NO CHANGE)
FIRE AREA	14,500 S.F.	N/A (NO CHANGE)



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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	02-03-2023	FINAL BID DOCUMENT



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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

**CONTRACT G
GENERAL CONSTRUCTION**

STATUS

FINAL BID DOCUMENT

SHEET TITLE

**EXISTING GROUND
LEVEL LIFE SAFETY
PLANS**

DRAWING No.

G100.00

CONSULTANTS:		

MARK	DATE	DESCRIPTION
-	02-03-2023	FINAL BID DOCUMENT

STATE OF NEW YORK
JAMES CASTELLI
LICENSED PROFESSIONAL ENGINEER
099187

DESIGNED BY: RLB
PROJECT NO: WPSD2114

DRAWN BY: RLB
DATE: FEBRUARY 2022

CHECKED BY: CWP
SCALE: AS SHOWN

REVIEWED BY:

CLIENT

WHITE PLAINS CITY
SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL

White Plains Public Schools

WP

REAL LIFE LEARNING

350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FINAL BID DOCUMENT

SHEET TITLE

EXISTING BASEMENT
LEVEL LIFE SAFETY
PLAN

DRAWING No.

G101.00

2020 BUILDING CODE OF NEW YORK STATE		
	(IBC CODE TABLE 504.3, 504.4, 506.2)	
BUILDING OCCUPANCY	ALLOWED EDUCATIONAL GROUP E	PROPOSED/EXISTING EDUCATIONAL GROUP E
CONSTRUCTION CLASSIFICATION	IIB	IIB
HEIGHT (STORIES)	2 STORIES	4 STORIES (NO CHANGE)
HEIGHT (FEET)	55 FEET	58 FEET (NO CHANGE)
FIRE AREA	14,500 S.F.	N/A (NO CHANGE)

LEGEND

ROOM
000 ± S.F.

ROOM NUMBER
DESIGNATION TAG

OF

EXISTING FIRE EXTINGUISHER

PS

EXISTING PULL STATION

EX

EXISTING FIRE ALARM STROBE

SD

EXISTING SMOKE DETECTOR

EX

EXISTING EXIT SIGN

EL

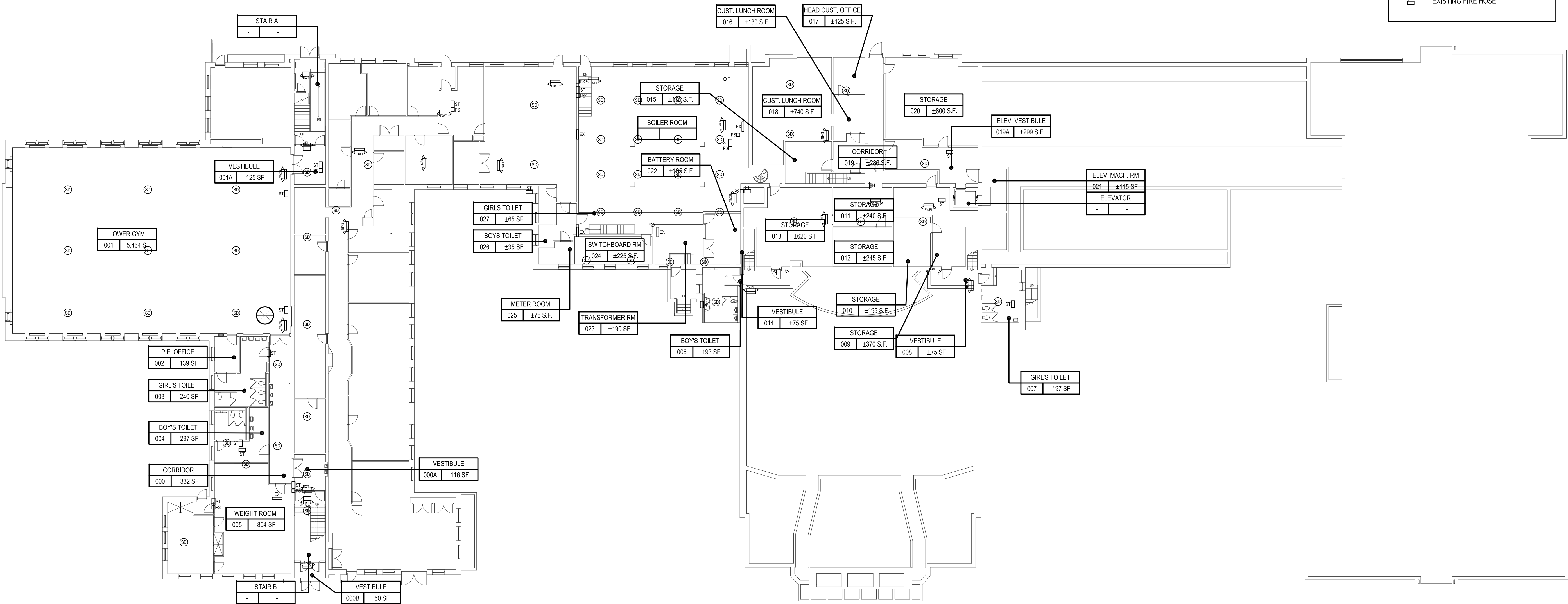
EXISTING EMERGENCY LIGHTING

EL

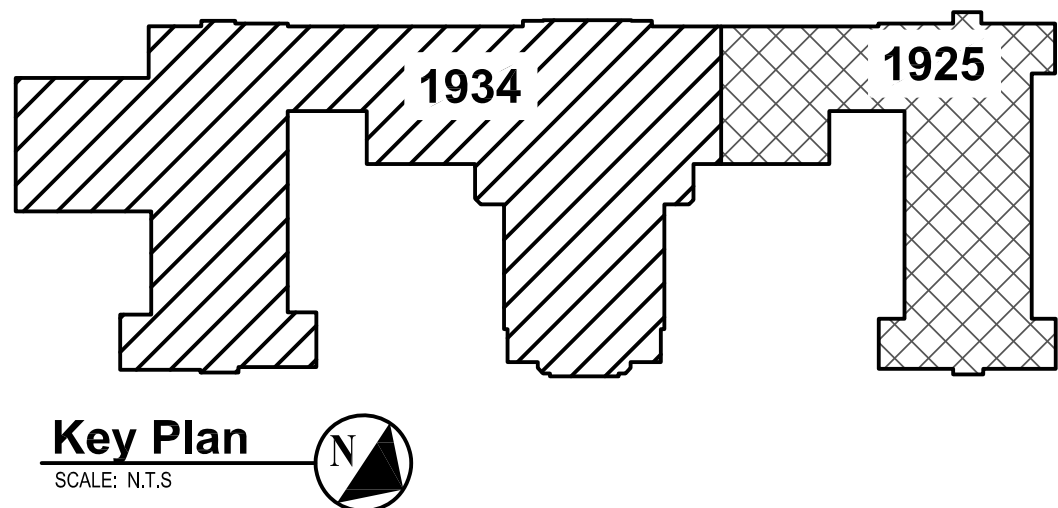
EXISTING EXIT SIGN WITH
EMERGENCY LIGHTING

HF

EXISTING FIRE HOSE



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



Key Plan
SCALE: N.T.S.

CONSULTANTS:		

MARK	DATE	DESCRIPTION
-	02-03-2023	FINAL BID DOCUMENT

STATE OF NEW YORK
SEAN CASTELL
LICENSED PROFESSIONAL ENGINEER
099167

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DESIGNED BY: RLB
PROJECT NO.: WPSD2114

DRAWN BY: RLB
DATE: FEBRUARY 2022

CHECKED BY: CWP
SCALE: AS SHOWN

REVIEWED BY:

CLIENT

WHITE PLAINS CITY
SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL

White Plains Public Schools
WP
REAL LIFE LEARNING

350 Main Street
White Plains, NY 10601
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FINAL BID DOCUMENT

SHEET TITLE

EXISTING FIRST
FLOOR LIFE SAFETY
PLAN

DRAWING No.

G102.00

2020 BUILDING CODE OF NEW YORK STATE		
	ALLOWED	PROPOSED/EXISTING
BUILDING OCCUPANCY	EDUCATIONAL GROUP E	EDUCATIONAL GROUP E
CONSTRUCTION CLASSIFICATION	IIB	IIB
HEIGHT (STORIES)	2 STORIES	4 STORIES (NO CHANGE)
HEIGHT (FEET)	55 FEET	58 FEET (NO CHANGE)
FIRE AREA	14,500 S.F.	N/A (NO CHANGE)

LEGEND

ROOM

000 ± S.F.

ROOM NUMBER
DESIGNATION TAG

OF

EXISTING FIRE EXTINGUISHER

PS

EXISTING PULL STATION

ALARM

EXISTING FIRE ALARM STROBE

SMOKE

EXISTING SMOKE DETECTOR

EXIT

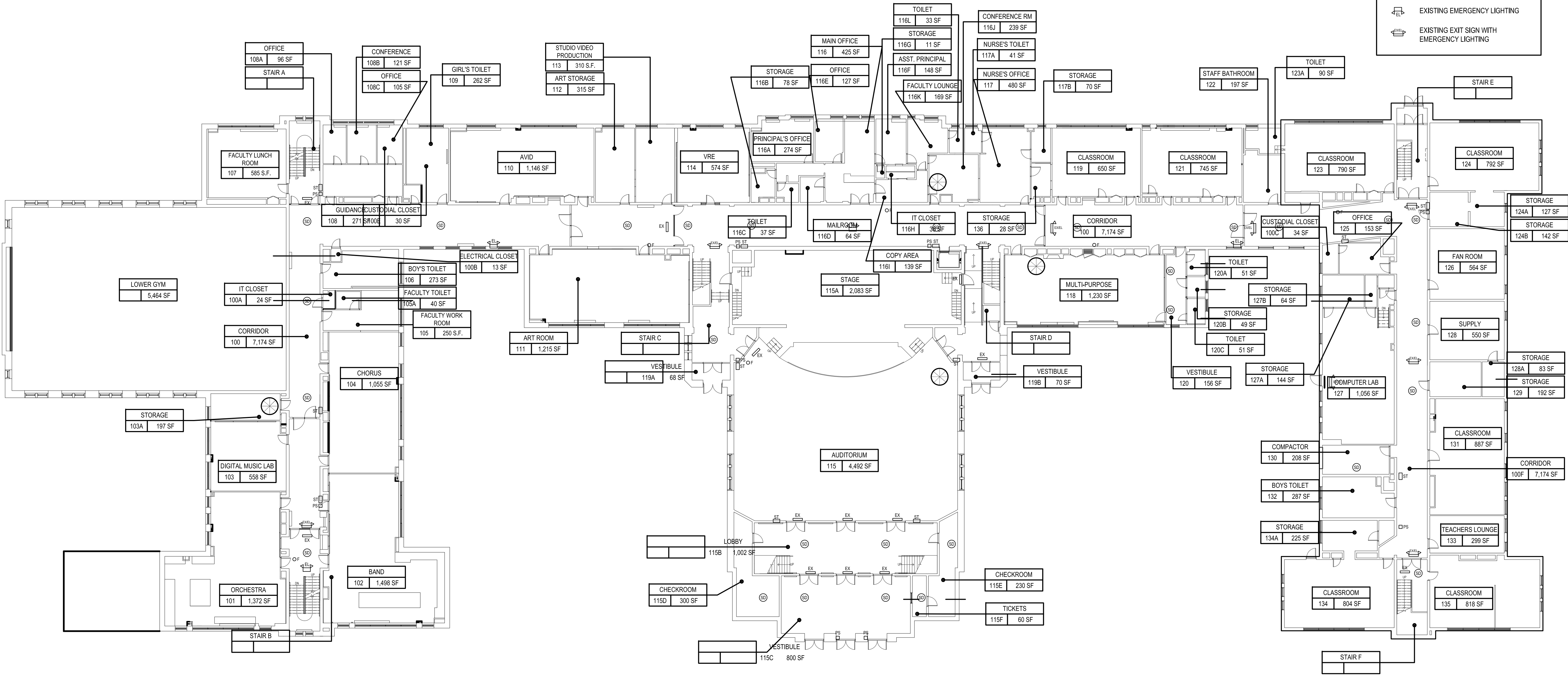
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EXIT

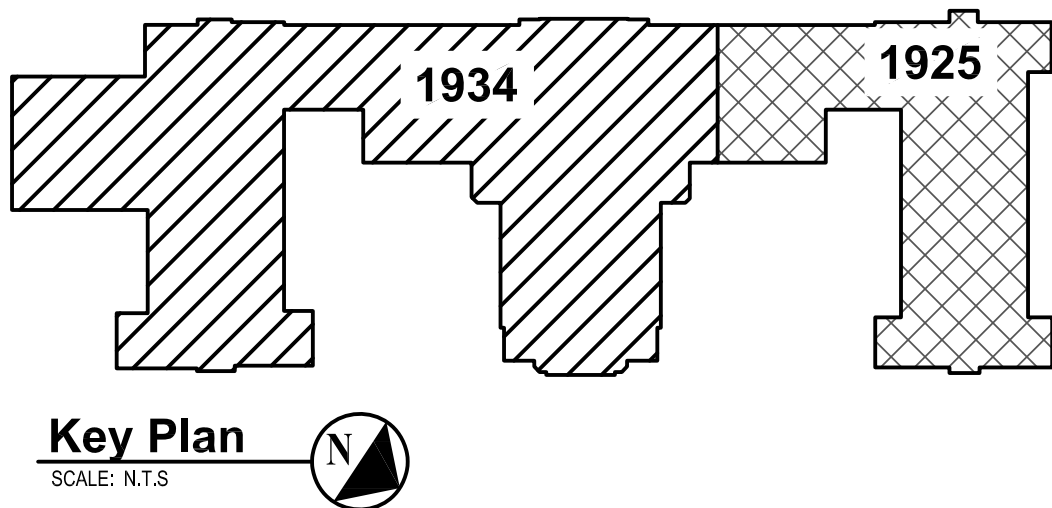
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EXIT

EXISTING EXIT SIGN WITH
EMERGENCY LIGHTING

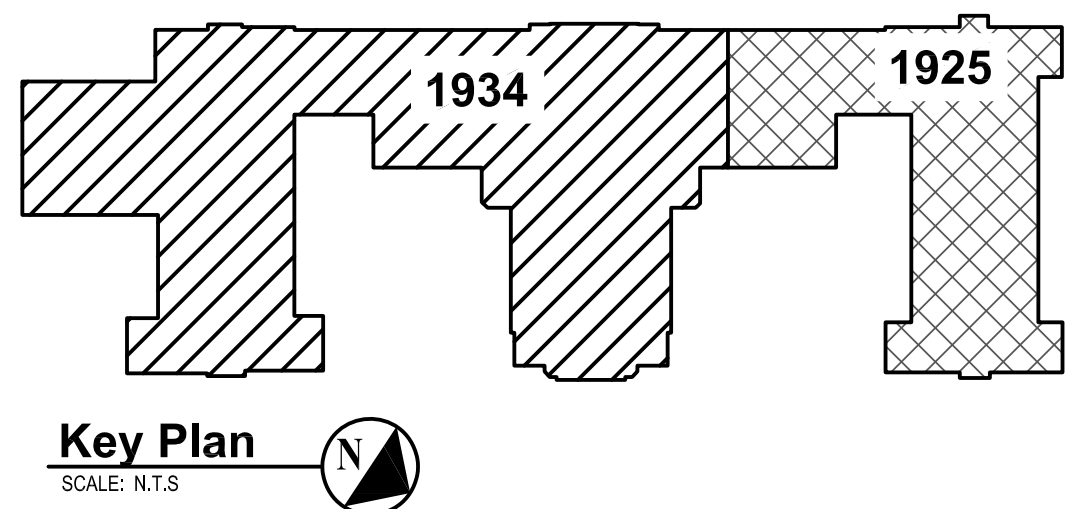


Existing First Floor Plan
SCALE: 1/16"=1'-0"

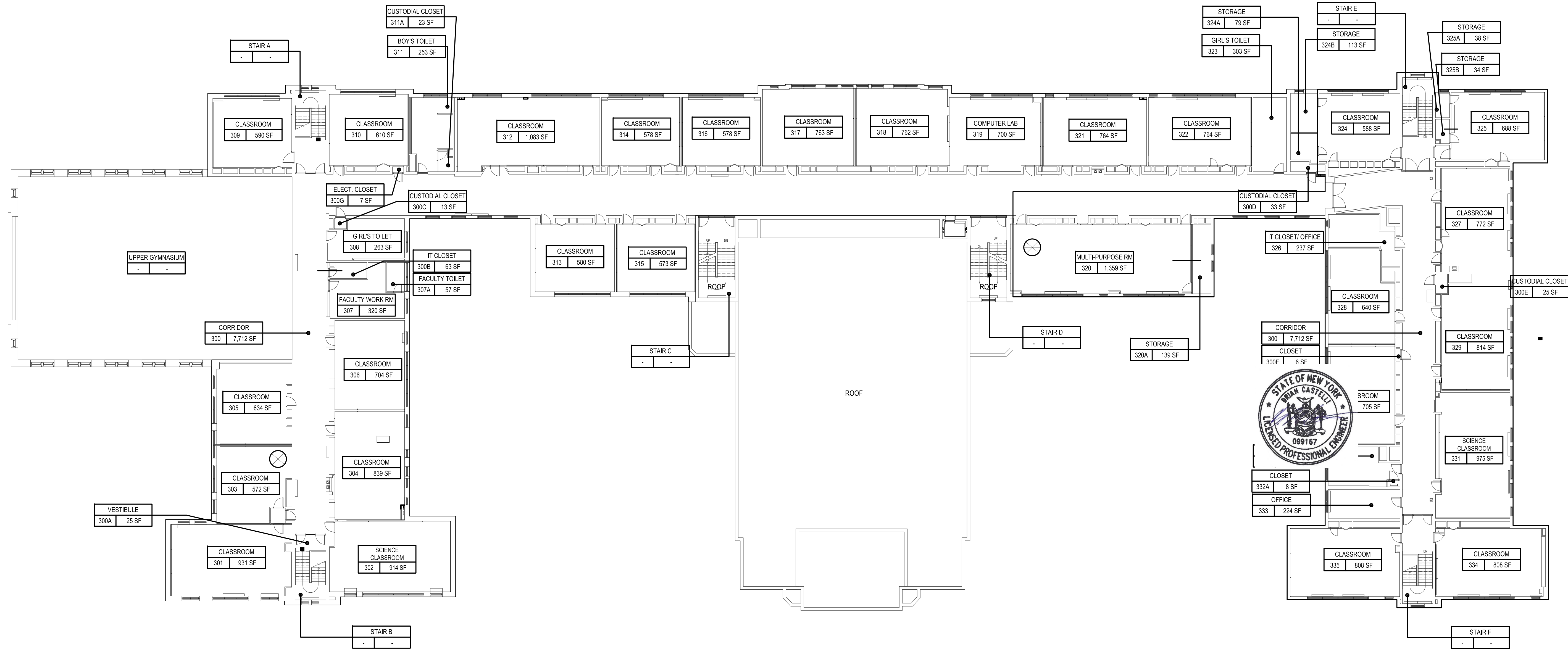


Key Plan
SCALE: N.T.S.

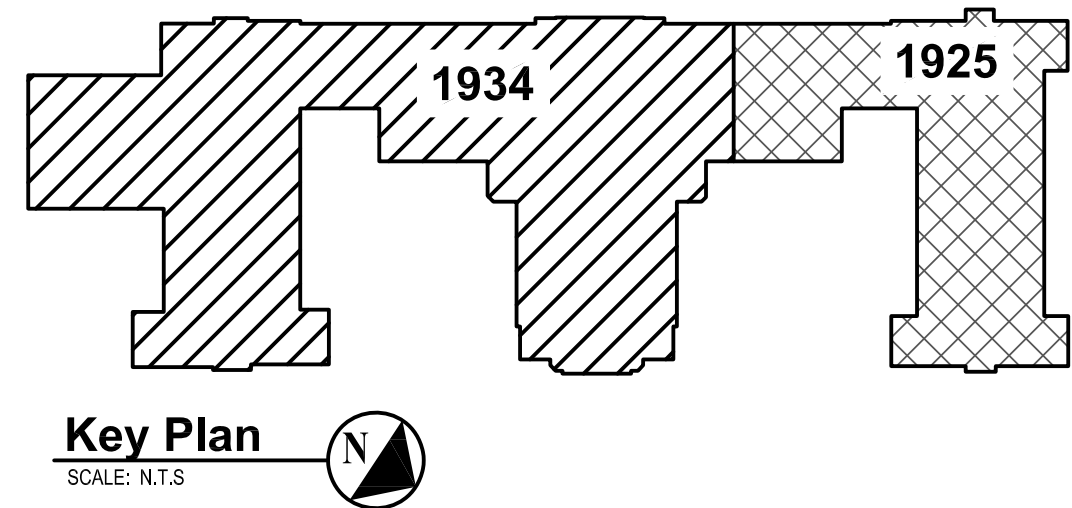
DRAWING No. **G103.00**



ROOM		ROOM NUMBER DESIGNATION TAG
000	± S.F.	
		EXISTING FIRE EXTINGUISHER
		EXISTING PULL STATION
		EXISTING FIRE ALARM STROBE
		EXISTING SMOKE DETECTOR
		EXISTING EXIT SIGN
		EXISTING EMERGENCY LIGHTING
		EXISTING EXIT SIGN WITH EMERGENCY LIGHTING




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



CONSULTANTS:		

MARK	DATE	DESCRIPTION
-	02-03-2023	FINAL BID DOCUMENT




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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
RLB	RLB	CWP	
PROJECT NO:	DATE:	SCALE:	
WPSD2114	FEBRUARY 2022	AS SHOWN	

CLIENT

WHITE PLAINS CITY
SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL



350 Main Street
White Plains, NY 10601
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FINAL BID DOCUMENT

SHEET TITLE

EXISTING FOURTH
FLOOR LIFE SAFETY
PLAN

DRAWING No.

G105.00

2020 BUILDING CODE OF NEW YORK STATE		
	ALLOWED	PROPOSED/EXISTING
BUILDING OCCUPANCY	EDUCATIONAL GROUP E	EDUCATIONAL GROUP E
CONSTRUCTION CLASSIFICATION	II-B	II-B
HEIGHT (STORIES)	2 STORIES	4 STORIES (NO CHANGE)
HEIGHT (FEET)	55 FEET	58 FEET (NO CHANGE)
FIRE AREA	14,500 S.F.	N/A (NO CHANGE)

LEGEND

ROOM

000 ± S.F.

ROOM NUMBER
DESIGNATION TAG

OF

EXISTING FIRE EXTINGUISHER

PS

EXISTING PULL STATION

EXISTING FIRE ALARM STROBE

SD

EXISTING SMOKE DETECTOR

ES

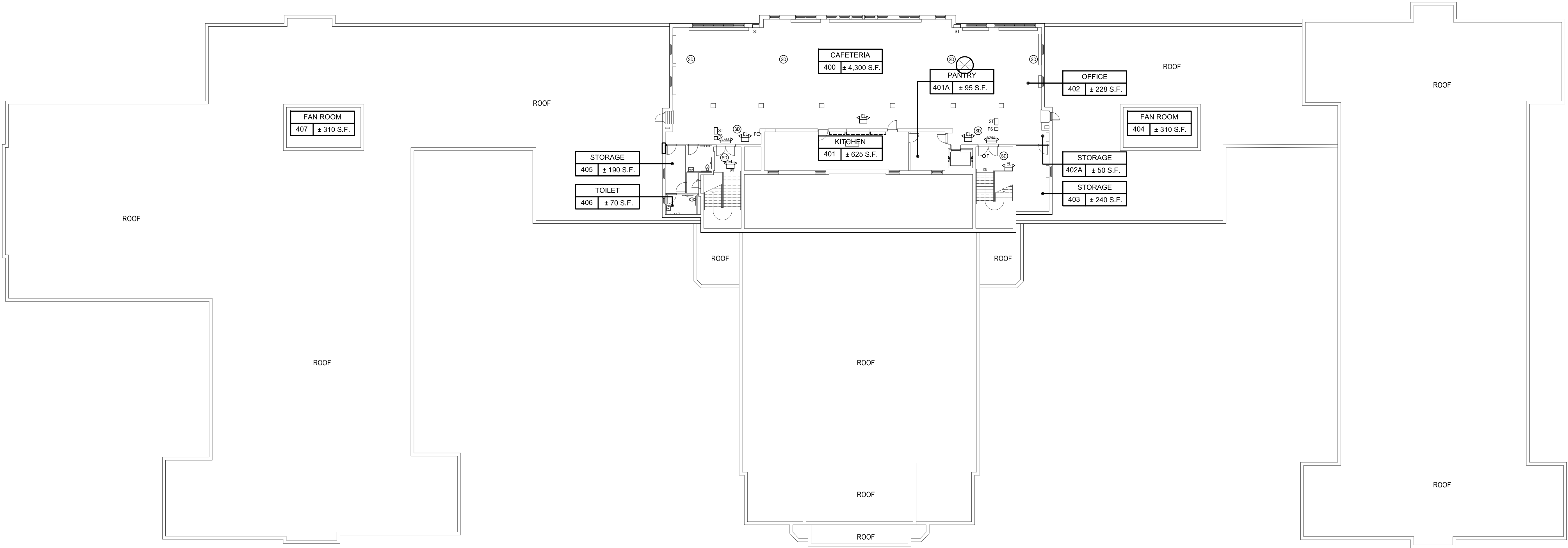
EXISTING EXIT SIGN

EL

EXISTING EMERGENCY LIGHTING

ESL

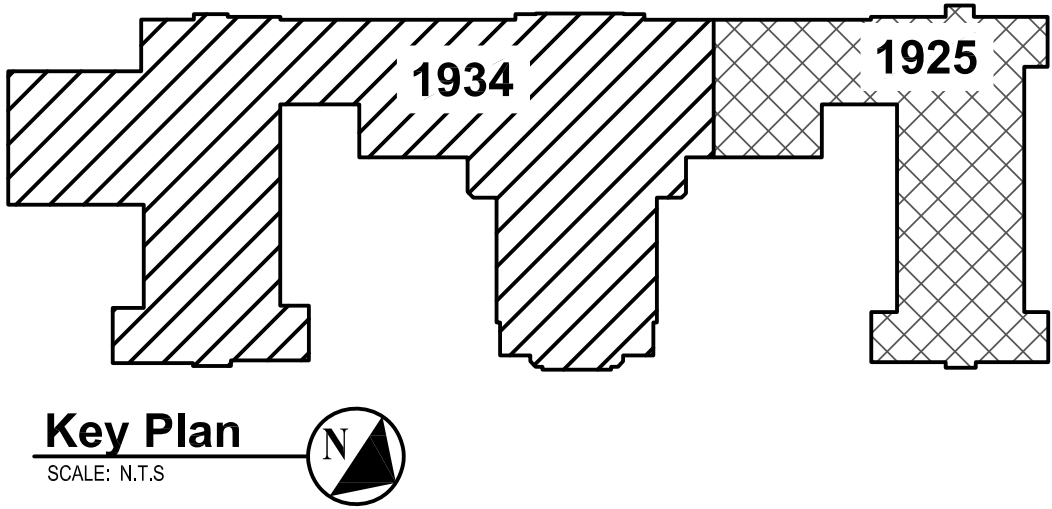
EXISTING EXIT SIGN WITH
EMERGENCY LIGHTING



Existing Fourth Floor Plan

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

N



Key Plan

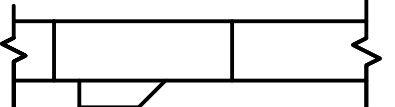
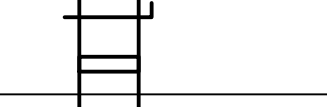
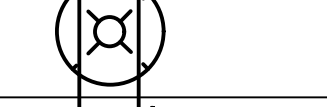
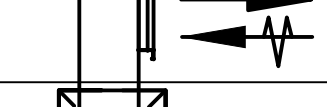
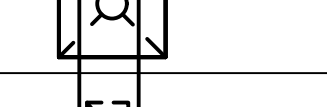


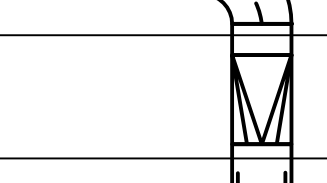
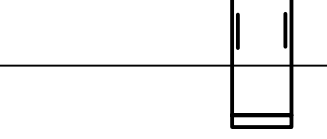

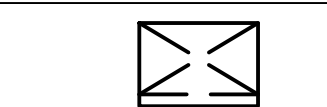
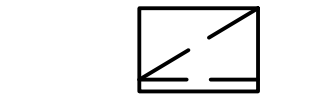

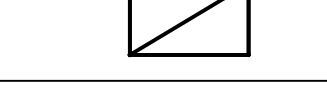
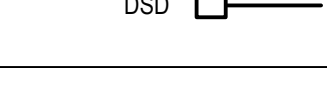
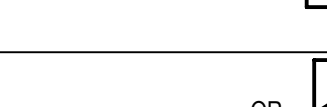

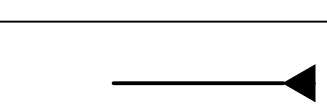

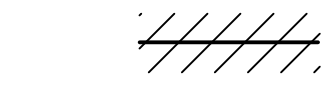
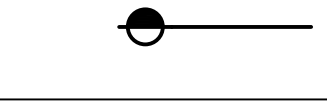


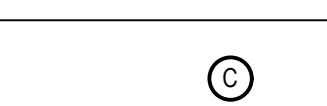

SCALE: N.T.S.

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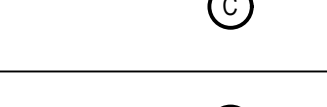
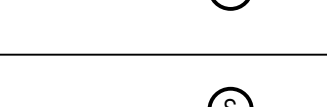
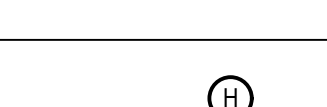

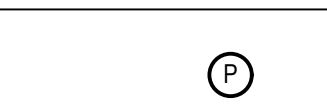

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BCU	BUILDING CONTROL UNIT
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COMM.	COMMUNICATION
CV	CONTROL VALVE
(D)	DEMOLISH
DB	DRY BULB
DCV	DEMAND CONTROLLED VENTILATION
DEG. F	DEGREES FAHRENHEIT
DIA	DIAMETER
DX	DIRECT EXPANSION
'E'	ELECTRICAL CONTRACTOR
(E)	EXISTING
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
ESP	EXTERNAL STATIC PRESSURE
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FT. H2O	FEET OF WATER
'G'	GENERAL CONSTRUCTION CONTRACTOR
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
H	HEIGHT
'H'	HVAC CONTRACTOR
HP	HORSEPOWER
IN.	INCHES
IN. W.C. (W.G.)	INCHES WATER COLUMN (WATER GAUGE)
KW	KILOWATTS
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LCD	LIQUID CRYSTAL DISPLAY
LDB	LEAVING DRY BULB TEMPERATURE
LPR	STEAM CONDENSATE RETURN
LPS	LOW PRESSURE STEAM
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
M	METER
MAX	MAXIMUM
MBH	1,000 BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MIN	MINIMUM
MNF	MANUFACTURER
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OAI	OUTDOOR AIR INTAKE
OD	OUTER DIAMETER
OED	OPEN ENDED DUCT
'P'	PLUMBING CONTRACTOR
(P)	PROPOSED
PD	PRESSURE DROP
PSIG	LBS / SQUARE INCH (GAUGE PRESSURE)
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAT	SUPPLY AIR TEMPERATURE
SEER	SEASONAL ENERGY EFFICIENCY RATING
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TYP	TYPICAL
VFD	VARIABLE FREQUENCY DRIVE
W	WIDTH
WB	WET BULB
WMS	WIRE MESH SCREEN



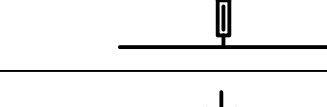
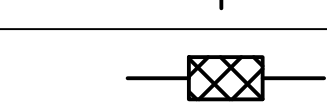
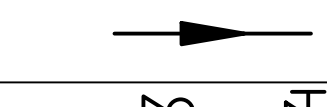
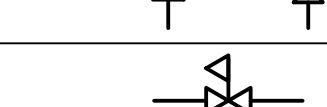
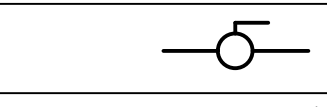
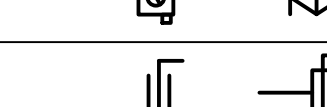
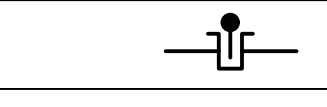

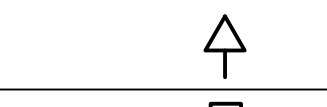
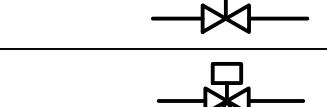
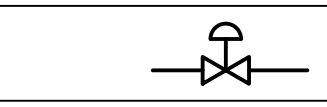

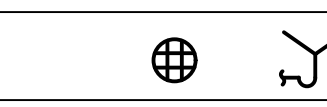
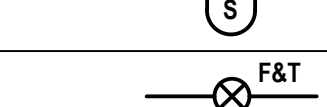
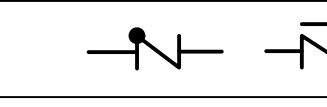
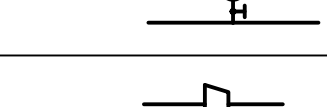
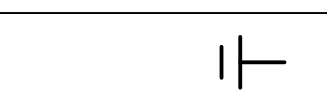
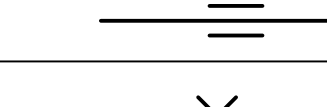
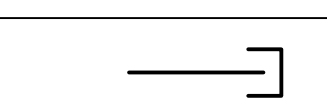
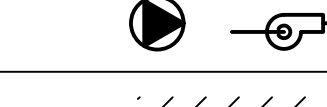
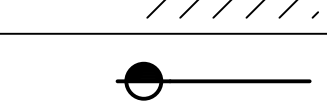
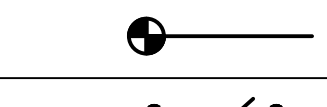








DUCTWORK LEGEND

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

CONTROLS LEGEND

SYMBOL	ABBREV	DESCRIPTION
		CARBON MONOXIDE SENSOR
		THERMOSTAT
		DIGITAL TEMPERATURE SENSOR
		HUMIDITY SENSOR
		CARBON DIOXIDE SENSOR
		PRESSURE SENSOR

PIPING LEGEND

SYMBOL	ABBREV	DESCRIPTION
		NEW WORK
		PIPING DOWN/ PIPING UP
		BALL VALVE WITH HOSE END CONNECTION
	TH	THERMOMETER
	U	UNION
	FPC	FLEXIBLE PIPE CONNECTION
		DIRECTION OF FLOW
	PSR	PRESSURE SAFETY AND RELIEF VALVE
	PRV	PRESSURE REDUCING VALVE
	BV	BALL VALVE
	BA	BALANCING VALVE
	BFV	BUTTERFLY VALVE
		TEMPERATURE SENSOR WITH THERMOWELL
	GA	GATE VALVE
	GB	GLOBE VALVE
	AV	AUTOMATIC AIR VENT
	CV	2-WAY ELECTRONIC CONTROL VALVE
	CV	3-WAY ELECTRONIC CONTROL VALVE
	CV	2-WAY PNEUMATIC CONTROL VALVE
	CV	3-WAY PNEUMATIC CONTROL VALVE
	STR	STRAINER WITH BLOW OFF VALVE WITH HOSE END CONNECTION
	FD	FLOOR DRAIN
		AIR SEPARATOR
		STEAM TRAPS (INDICATE TYPE)
	CH	CHECK VALVE
	PG	PRESSURE GAUGE WITH GAUGE COCK
	RED	REDUCER
	CO	CLEANOUT END CAP
		PIPE GUIDE
		PIPE ANCHOR
		CAPPED PIPE
		PUMP
		WORK TO BE REMOVED
		POINT OF DISCONNECTION FROM EXISTING
		POINT OF CONNECTION TO EXISTING
	TDV	TRIPLE DUTY VALVE

GENERAL NOTES

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

WORK IN EXISTING AREAS

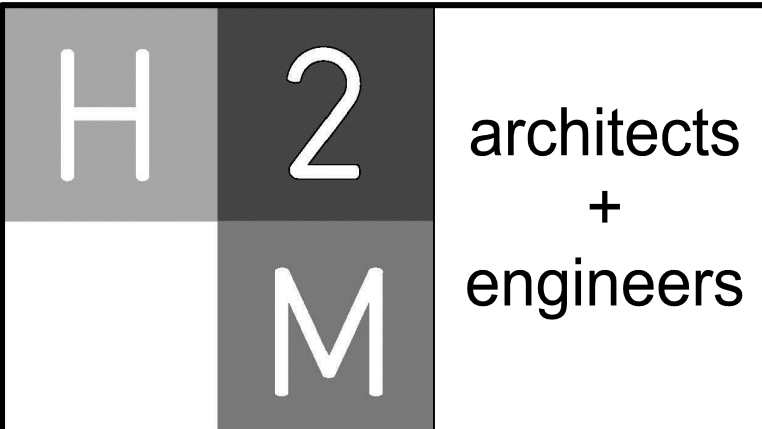
1. EXISTING CONDITIONS, INCLUDING EQUIPMENT, DUCT AND PIPE SIZES AND LOCATIONS, INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC. CONFIRM ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
2. CUT AND ROUGH PATCH EXISTING CONSTRUCTION AS REQUIRED FOR THE PERFORMANCE OF THE WORK. FINISH PATCHING AND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

CONTRACT 'H' SCOPE NOTES

1. PROVIDE ALL LOUVERS FOR INSTALLATION BY CONTRACT 'G'. SUBMIT LOUVER COLOR AND CONFIGURATION TO THE ARCHITECT/ENGINEER FOR APPROVAL.
2. INSTALL SMOKE DETECTORS IN DUCTWORK FOR AIR HANDLING UNITS RATED AT 2,000 CFM OR GREATER. SMOKE DETECTOR SUPPLY AND WIRING IS PART OF CONTRACT 'E'.
3. FURNISH AND INSTALL ALL NECESSARY CONTROL WIRING, CONDUIT, AND ACCESSORIES AS REQUIRED TO PROVIDE FULLY FUNCTIONING SYSTEMS AND SEQUENCES OF OPERATION.
4. FURNISH ALL UNTELS FOR DUCT AND PIPE PENETRATIONS IN INTERIOR MASONRY WALLS FOR INSTALLATION BY CONTRACT 'G'.
5. FURNISH ALL SLEEVES FOR PIPE AND CONDUIT FLOOR, WALL, PARTITION, AND ROOF PENETRATIONS FOR INSTALLATION BY CONTRACT 'G'.
6. FURNISH ALL CURBS FOR ALL ROOF MOUNTED EQUIPMENT AND DUCT PENETRATIONS FOR INSTALLATION BY CONTRACT 'G'.
7. REMOVE CHASE ENCLOSURE COVER WHEN PERFORMING WORK IN ANY CHASE, AND REINSTALL THE CHASE ENCLOSURE COVER WHEN WORK IS COMPLETE.
8. PERFORM ALL CUTTING AND ROUGH PATCHING AS REQUIRED IN THE EXECUTION OF THE WORK. FINISH PATCHING AND FLASHING IS PART OF CONTRACT 'G'.

LEGENDS/ABBREVIATIONS NOTES

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



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**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



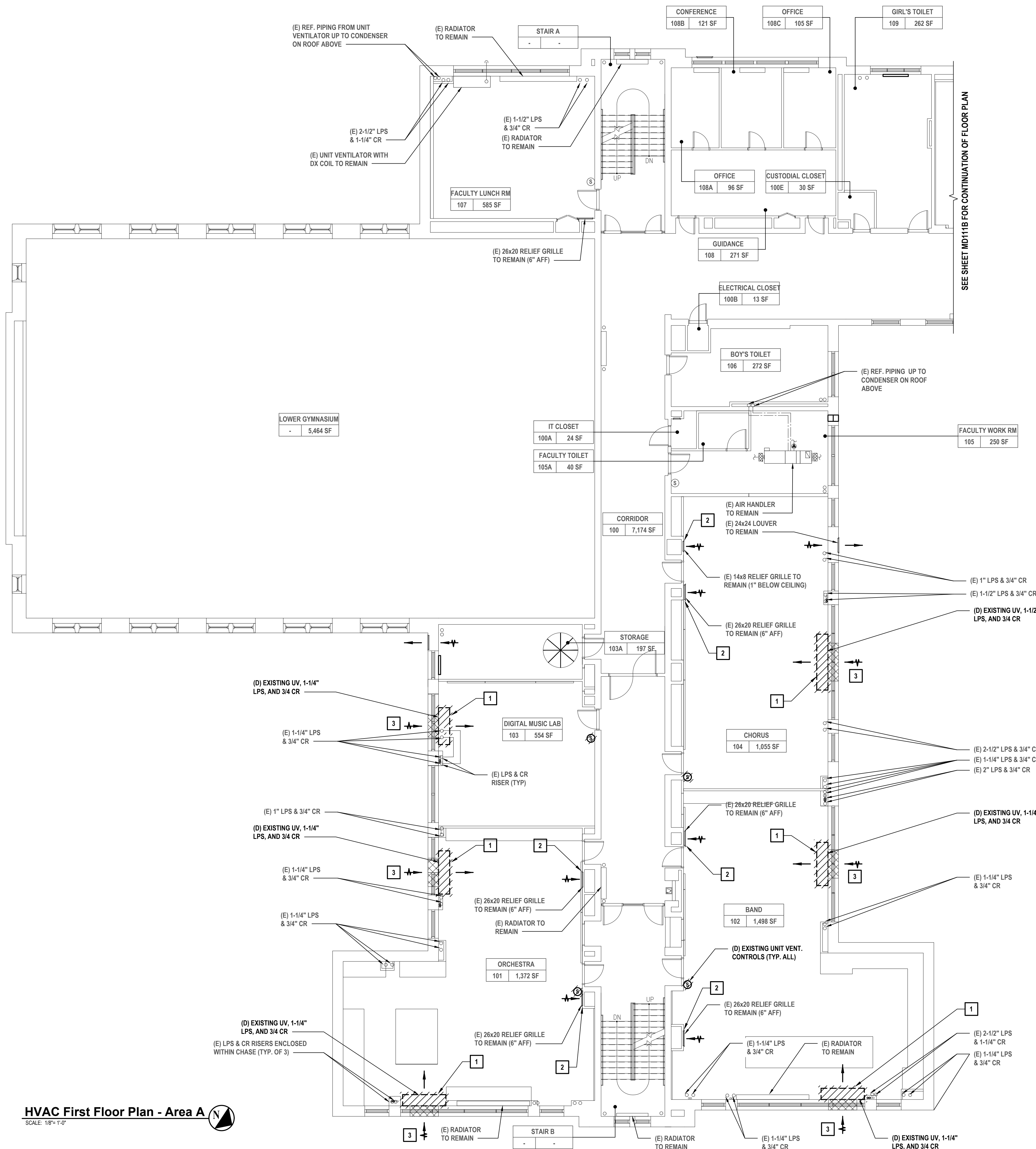
**350 Main Street
White Plains, NY 10601
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL GENERAL NOTES,
LEGENDS, AND ABBREVIATIONS**

DRAWING No.
M 000.00



HVAC First Floor Plan - Area A

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

GENERAL NOTES:

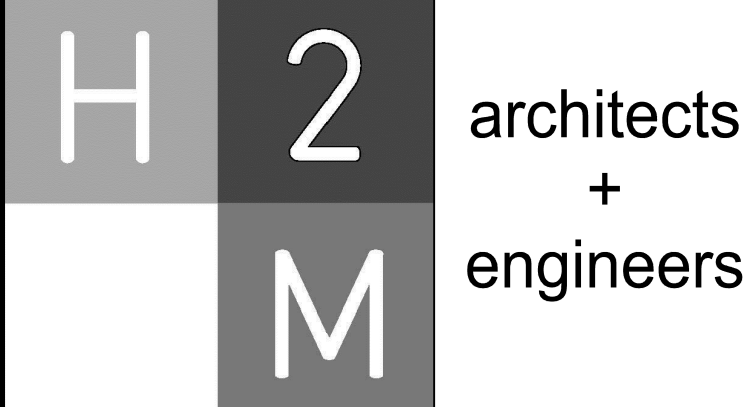
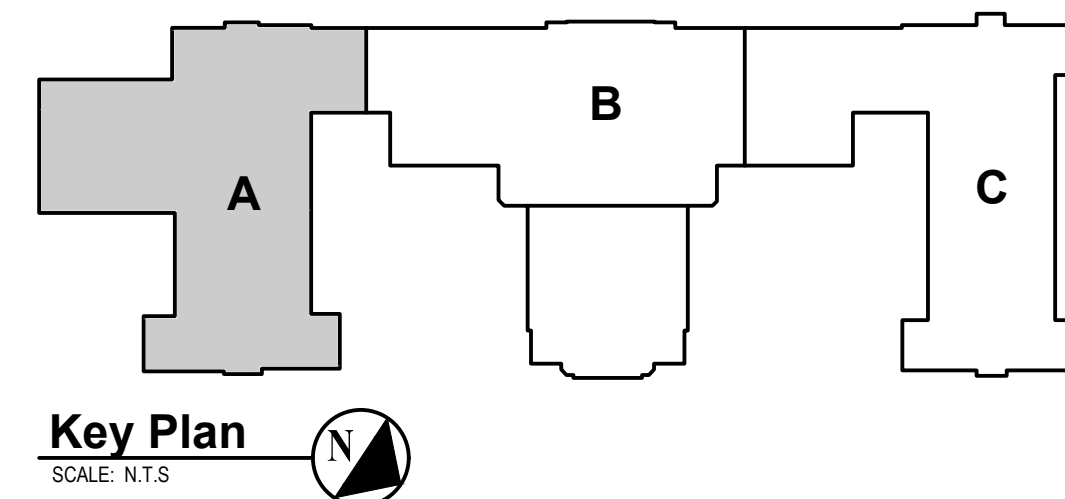
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- DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S REQUIRED MAINTENANCE CLEARANCES AND PREVAILING CODE.
- CONTRACTOR SHALL DEMOLISH AND REMOVE WINDOW ACs IN AREAS WHERE UNIT VENTILATORS ARE BEING REMOVED / REPLACED.
- ALL EXISTING EXHAUST DUCTWORK, GRILLES, ETC TO REMAIN.

UNIT VENTILATOR SURVEY NOTES:

- EVALUATE CONDITION OF EXISTING WALL SLEEVE AND COORDINATE QUANTITY REQUIRED WITH PURCHASE OF NEW UNIT VENTILATORS. PATCH WALL TO MATCH EXISTING AS REQUIRED.
- CONTRACTOR TO IDENTIFY REQUIRE QUANTITIES OF LEFT / RIGHT UNIT VENTS PRIOR TO PURCHASE AND INSTALL OF NEW UNIT VENTILATORS.

KEYED DEMOLITION NOTES:

- REMOVE AND DISPOSE OF EXISTING UNIT VENTILATOR(S), EXISTING ASSOCIATED CONTROLS, AND CONTROL WIRING. COORDINATE DEMOLITION OF UNIT VENTILATOR(S) WITH EXISTING SURROUNDING CASEWORK. DISCONNECT EXISTING HEATING COIL FROM EXISTING STEAM PIPING AND DEMOLISH PIPING AS REQUIRED TO COMPLETE NEW WORK. TEMPORARILY CAP PIPING WHERE REQUIRED TO PREPARE FOR NEW WORK.
- EVALUATE CONDITION OF EXISTING EXHAUST FAN(S) AND/OR BAROMETRIC RELIEF(S) TO ENSURE ALL EXHAUST EQUIPMENT IS OPERATIONAL. IF EXHAUST EQUIPMENT IS NOT OPERATIONAL, PROVIDE COST TO REPAIR / REPLACE.
- EXISTING LOUVER TO REMAIN. EXISTING LOUVER SHALL BE BLANKED OFF AS REQUIRED TO COMPLETE NEW WORK. CONTRACTOR SHALL VERIFY THAT EXISTING LOUVER IS LARGER THAN THE NEW UNIT VENTILATOR REQUIRES PRIOR TO PURCHASE/DEMOLITION.



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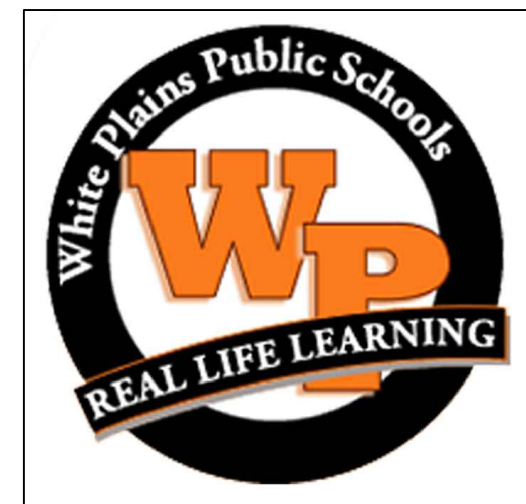


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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
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**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS

FINAL BID DOCUMENT

SHEET TITLE

**MECHANICAL DEMOLITION
FIRST FLOOR PLAN PART A**

DRAWING NO.

MD 111A.00

CONSULTANTS:

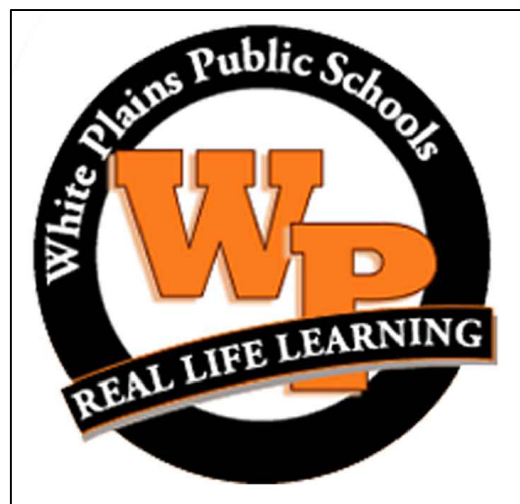
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CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

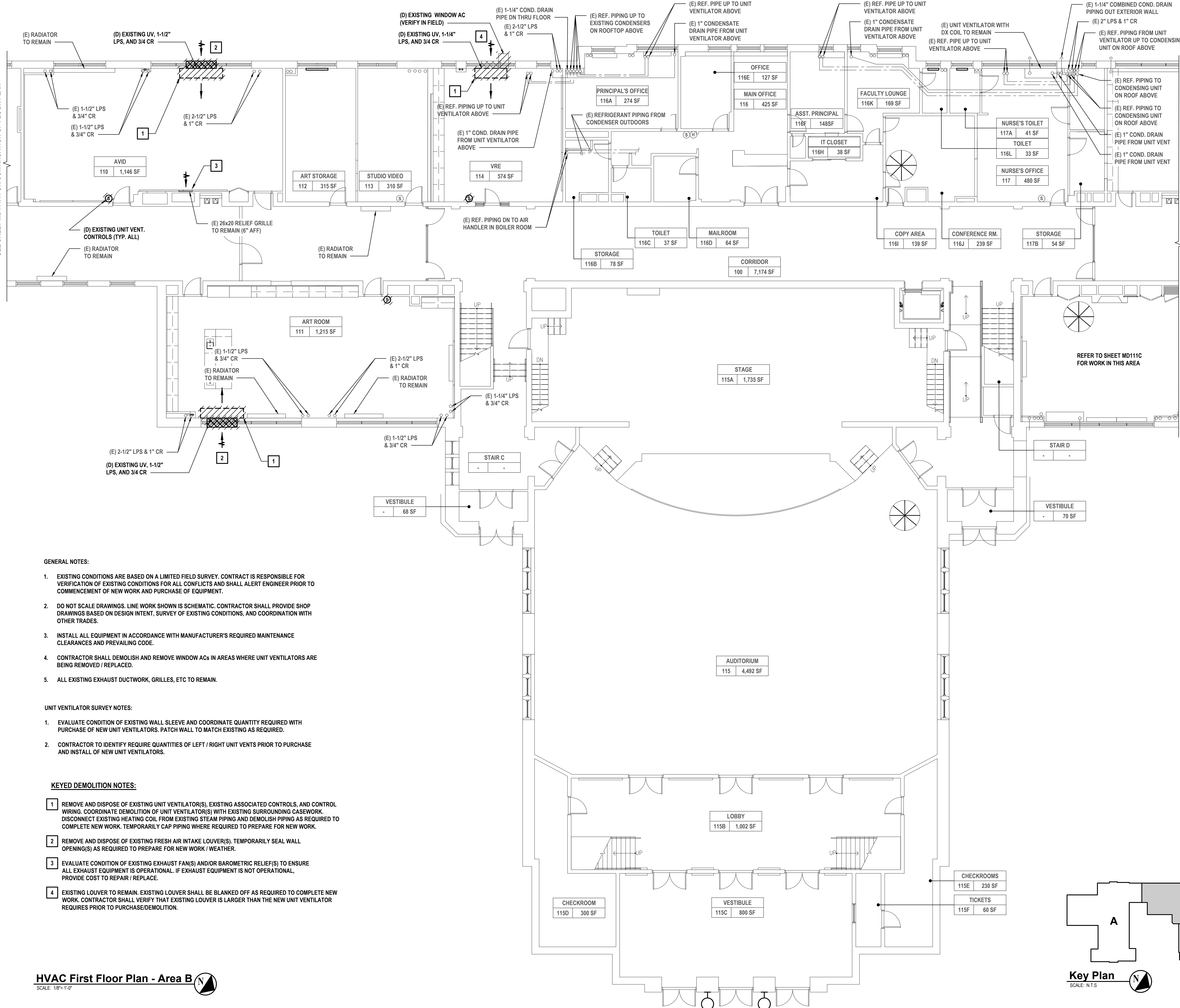
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SHEET TITLE
**MECHANICAL DEMOLITION
FIRST FLOOR PLAN PART B**

DRAWING NO.
MD 111B.00

SEE SHEET MD111A FOR CONTINUATION OF FLOOR PLAN

SEE SHEET MD111C FOR CONTINUATION OF FLOOR PLAN



GENERAL NOTES:

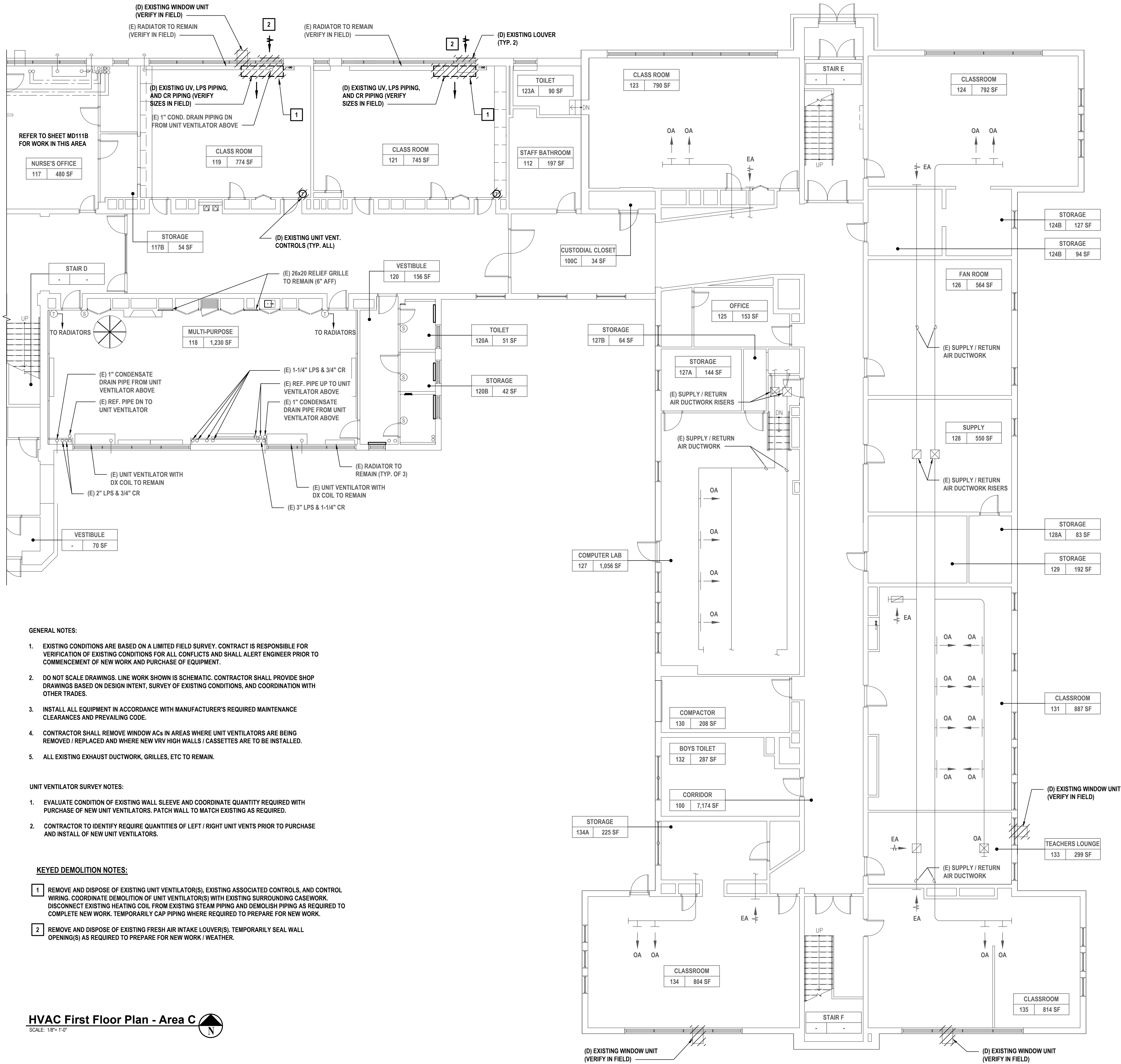
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- REMOVE AND DISPOSE OF EXISTING FRESH AIR INTAKE LOUVER(S), TEMPORARILY SEAL WALL OPENING(S) AS REQUIRED TO PREPARE FOR NEW WORK / WEATHER.
- EVALUATE CONDITION OF EXISTING EXHAUST FAN(S) AND/OR BAROMETRIC RELIEF(S) TO ENSURE ALL EXHAUST EQUIPMENT IS OPERATIONAL. IF EXHAUST EQUIPMENT IS NOT OPERATIONAL, PROVIDE COST TO REPAIR / REPLACE.
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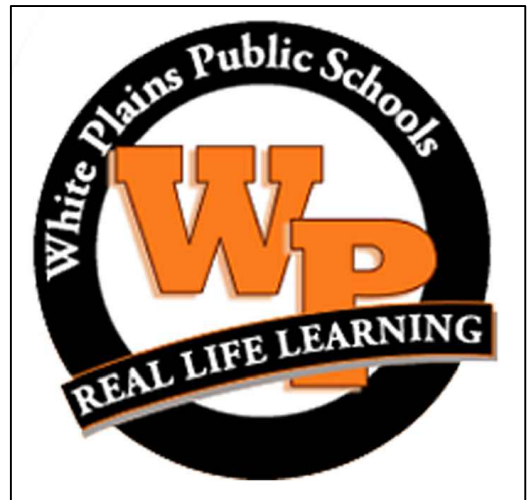
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SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



350 Main Street
White Plains, NY 10601

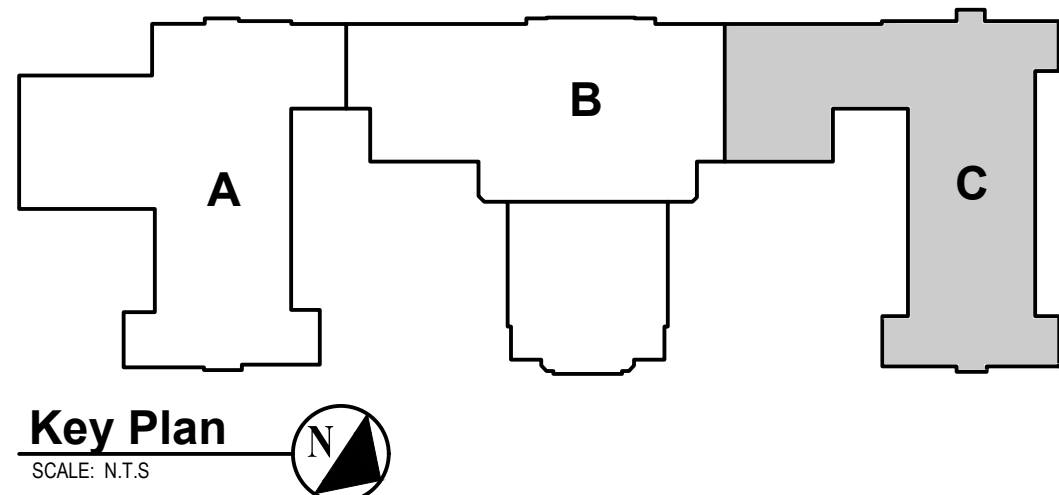
**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

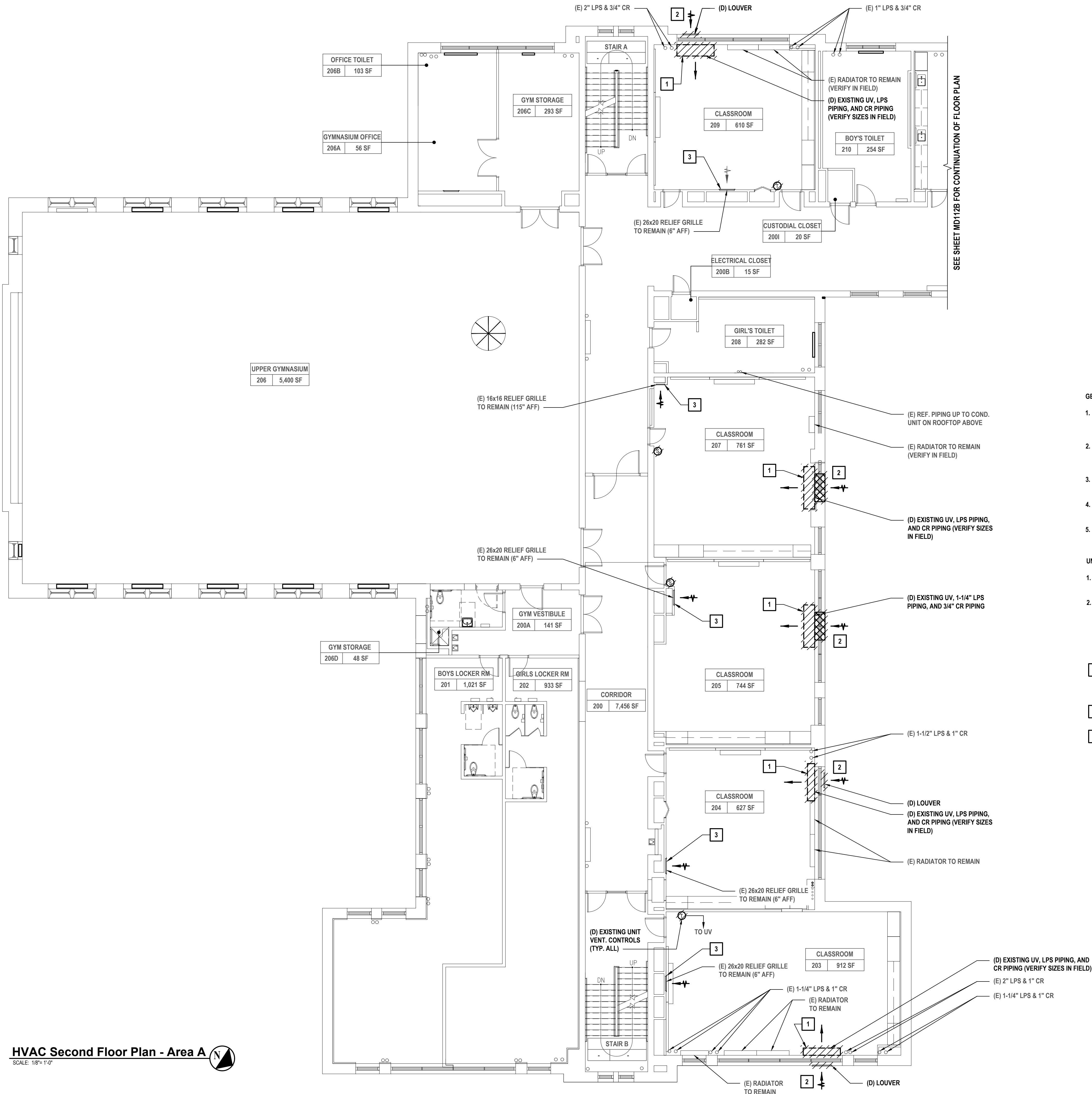
STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL DEMOLITION
FIRST FLOOR PLAN PART C**

DRAWING NO.
MD 111C.00



Key Plan
SCALE: N.T.S.



HVAC Second Floor Plan - Area A
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

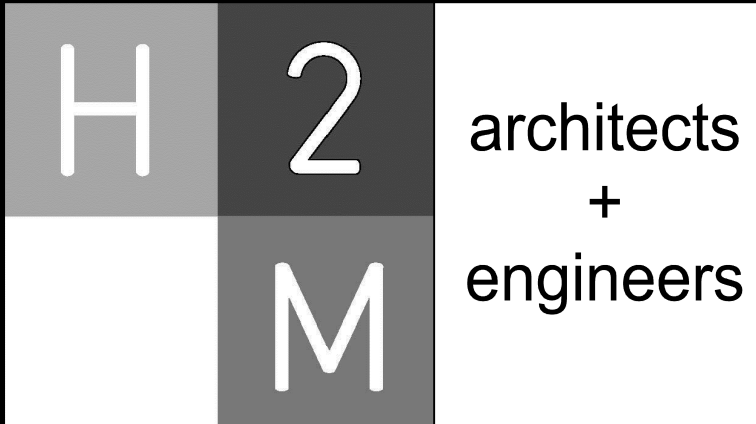
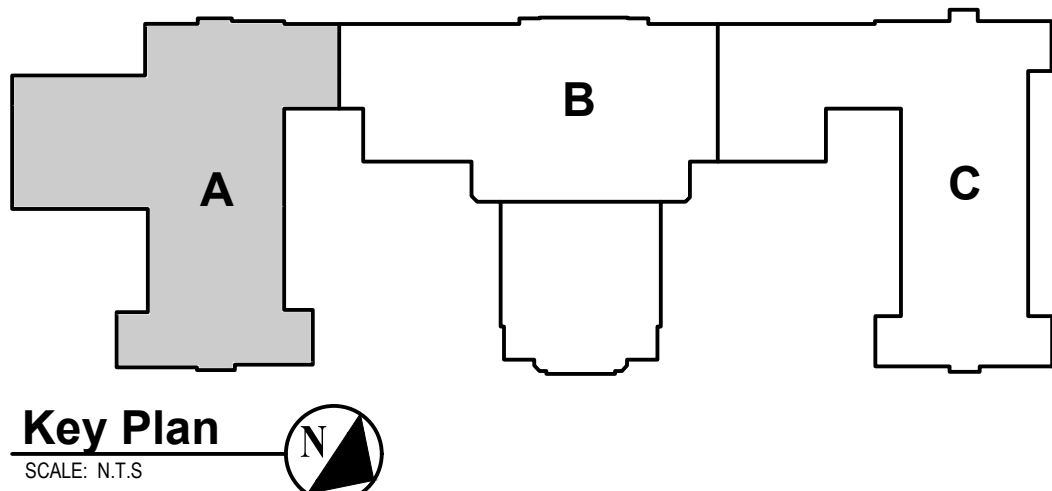
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- DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S REQUIRED MAINTENANCE CLEARANCES AND PREVAILING CODE.
- CONTRACTOR SHALL DEMOLISH AND REMOVE WINDOW ACs IN AREAS WHERE UNIT VENTILATORS ARE BEING REMOVED / REPLACED.
- ALL EXISTING EXHAUST DUCTWORK, GRILLES, ETC TO REMAIN.

UNIT VENTILATOR SURVEY NOTES:

- EVALUATE CONDITION OF EXISTING WALL SLEEVE AND COORDINATE QUANTITY REQUIRED WITH PURCHASE OF NEW UNIT VENTILATORS. PATCH WALL TO MATCH EXISTING AS REQUIRED.
- CONTRACTOR TO IDENTIFY REQUIRE QUANTITIES OF LEFT / RIGHT UNIT VENTS PRIOR TO PURCHASE AND INSTALL OF NEW UNIT VENTILATORS.

KEYED DEMOLITION NOTES:

- REMOVE AND DISPOSE OF EXISTING UNIT VENTILATOR(S), EXISTING ASSOCIATED CONTROLS, AND CONTROL WIRING. COORDINATE DEMOLITION OF UNIT VENTILATOR(S) WITH EXISTING SURROUNDING CASEWORK. DISCONNECT EXISTING HEATING COIL FROM EXISTING STEAM PIPING AND DEMOLISH PIPING AS REQUIRED TO COMPLETE NEW WORK. TEMPORARILY CAP PIPING WHERE REQUIRED TO PREPARE FOR NEW WORK.
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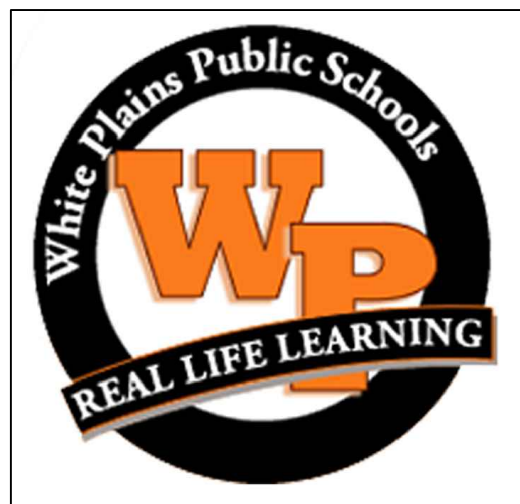
MARK	DATE	DESCRIPTION
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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



**350 Main Street
White Plains, NY 10601**

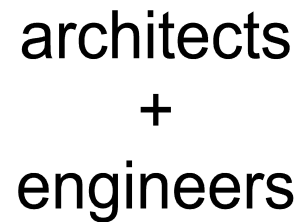
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NO. 66-22-00-01-0-003-017**

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL DEMOLITION
SECOND FLOOR PLAN PART A**

DRAWING NO.
MD 112A.00



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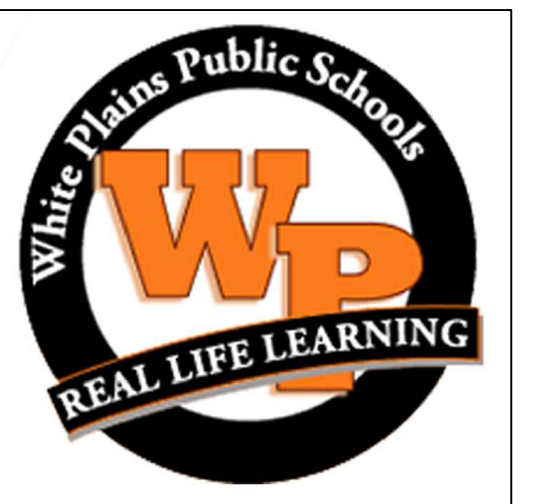
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PROJECT No.: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

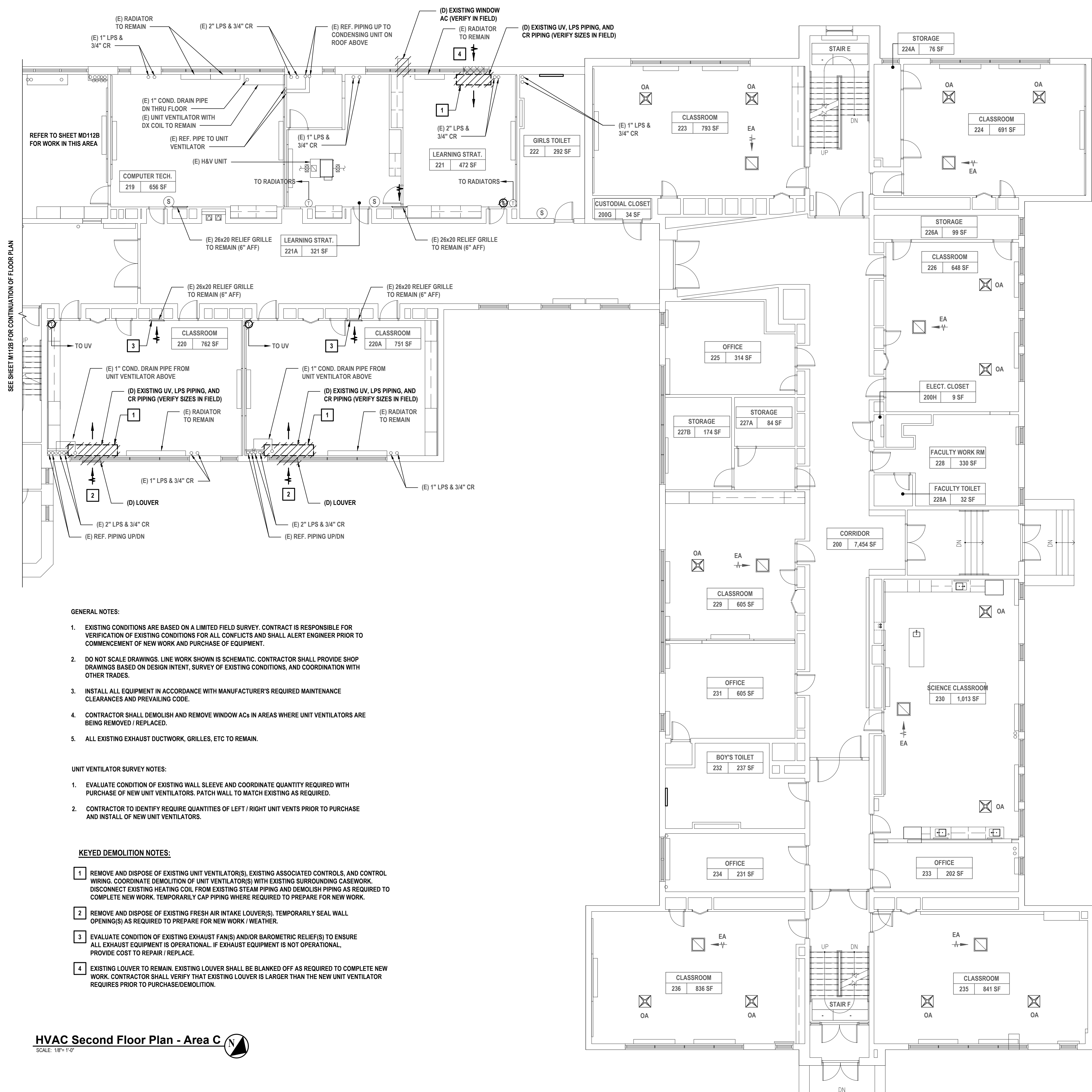
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HEATING VENTILATION AND AIR
CONDITIONING**

STATUS	FINAL BID DOCUMENT
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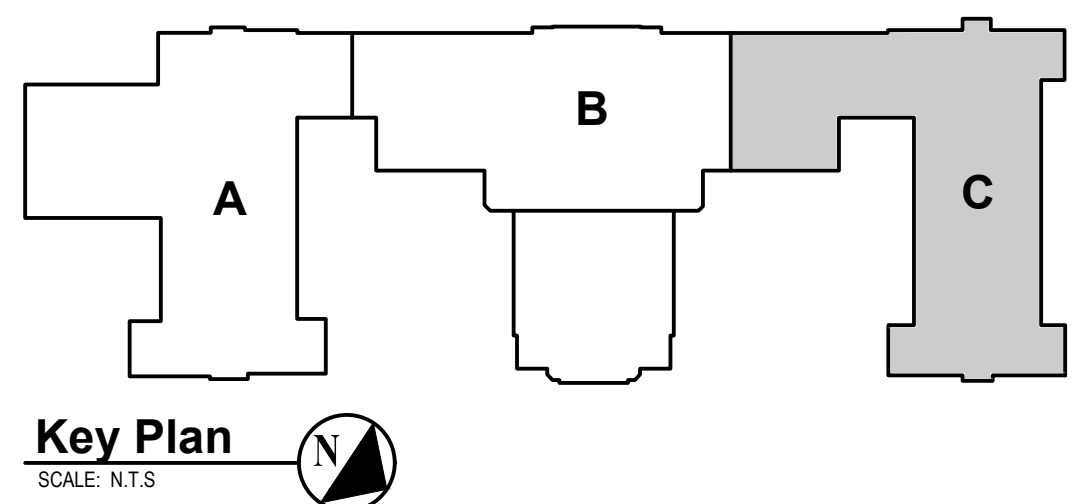
**MECHANICAL DEMOLITION
SECOND FLOOR PLAN PART C**

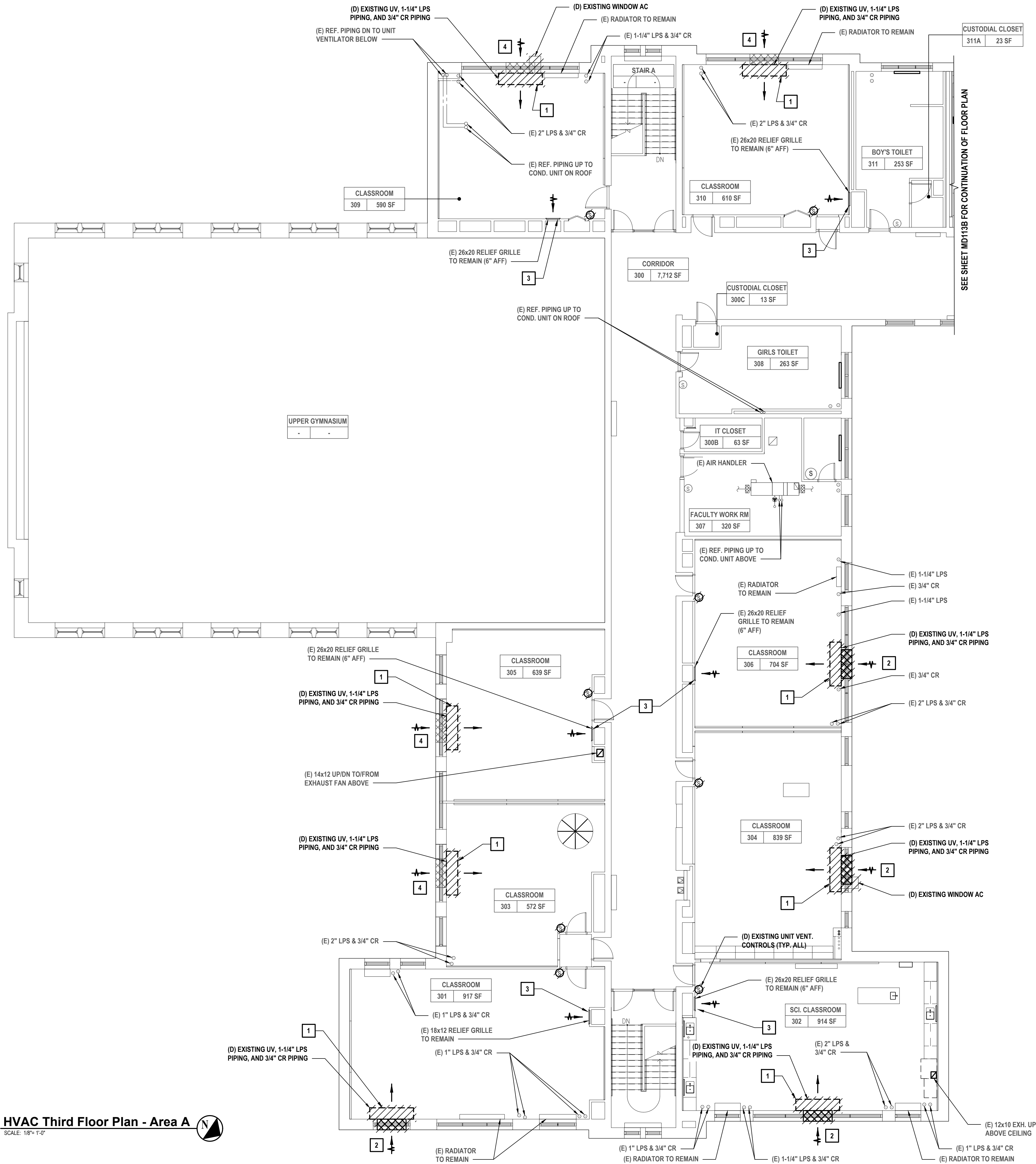
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HVAC Second Floor Plan - Area C

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





GENERAL NOTES:

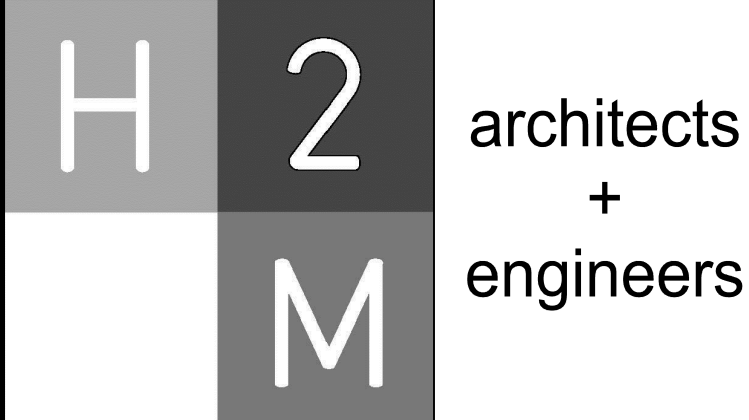
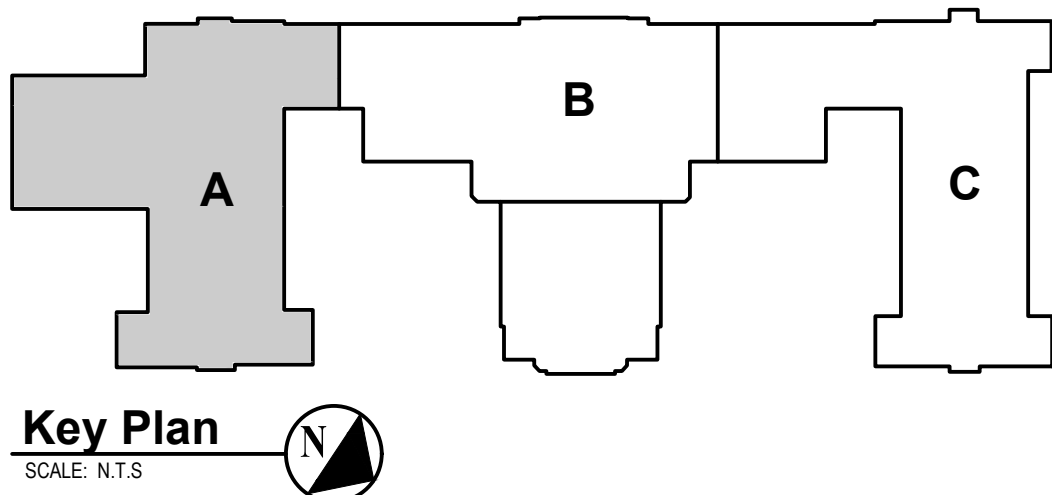
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UNIT VENTILATOR SURVEY NOTES:

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KEYED DEMOLITION NOTES:

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- EXISTING LOUVER TO REMAIN. EXISTING LOUVER SHALL BE BLANKED OFF AS REQUIRED TO COMPLETE NEW WORK. CONTRACTOR SHALL VERIFY THAT EXISTING LOUVER IS LARGER THAN THE NEW UNIT VENTILATOR REQUIRES PRIOR TO PURCHASE/DEMOLITION.



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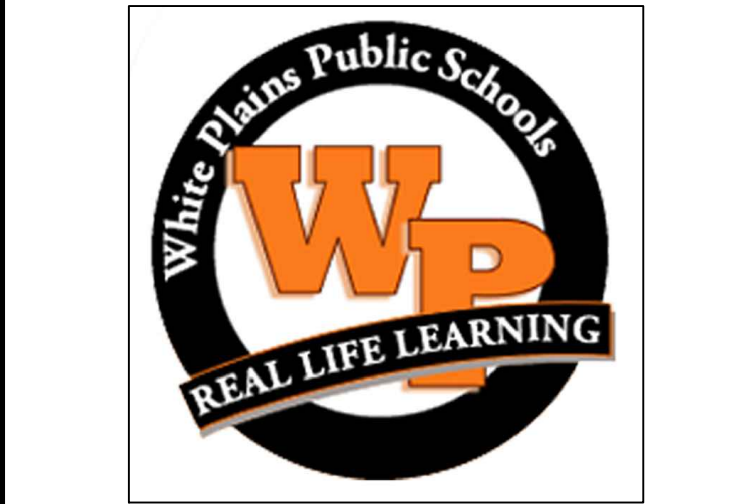
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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



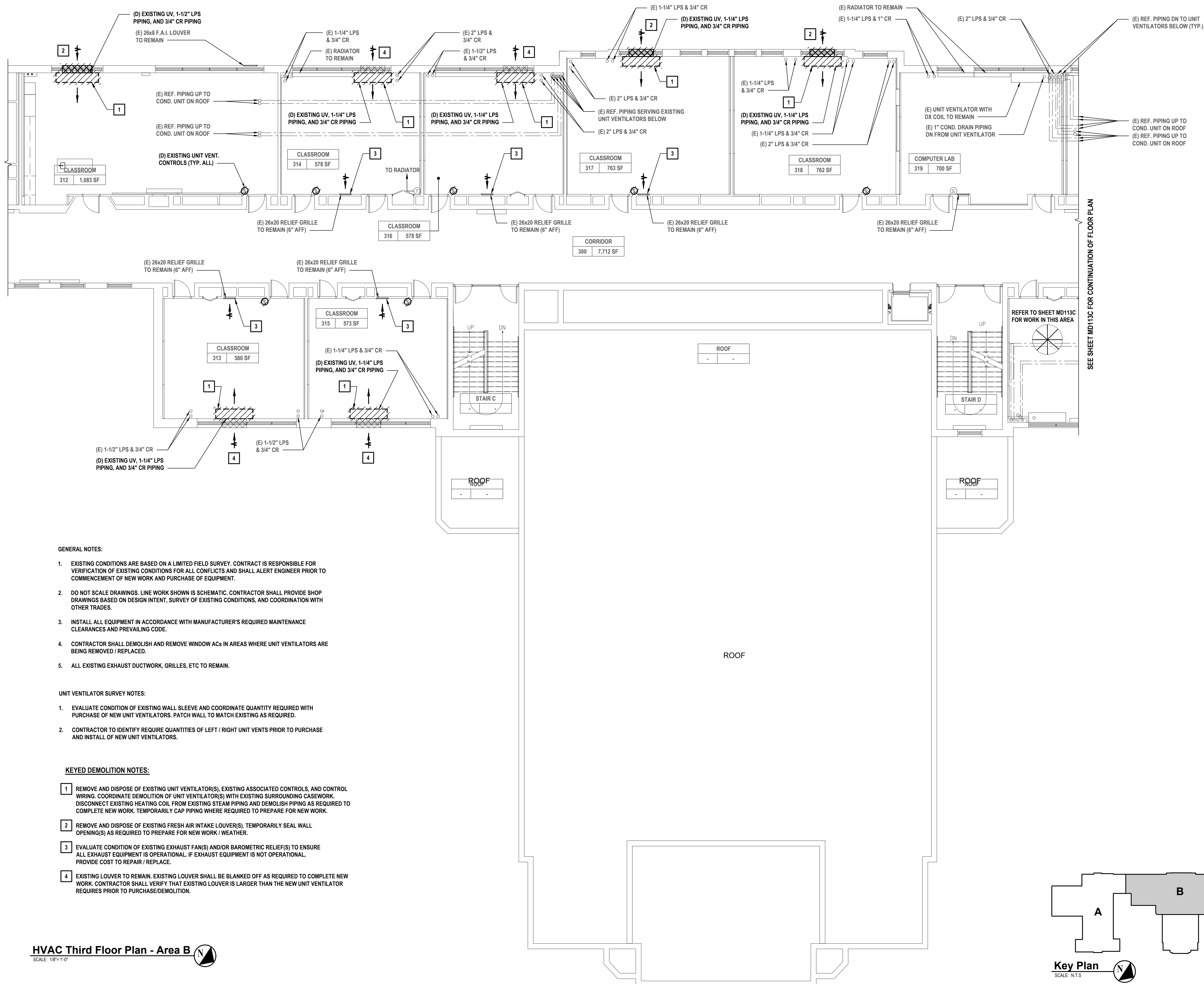
350 Main Street
White Plains, NY 10601
**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL DEMOLITION
THIRD FLOOR PLAN PART A**

DRAWING NO.
MD 113A.00



GENERAL NOTES:

1. EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
2. DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
3. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S REQUIRED MAINTENANCE CLEARANCES AND PREVAILING CODE.
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UNIT VENTILATOR SURVEY NOTES:

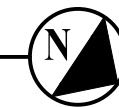
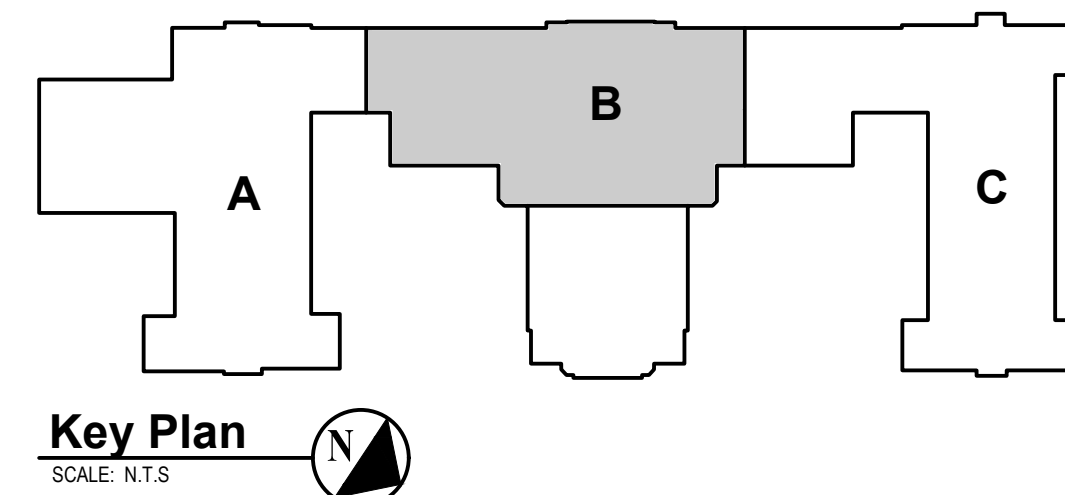
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KEYED DEMOLITION NOTES:

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HVAC Third Floor Plan - Area B

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



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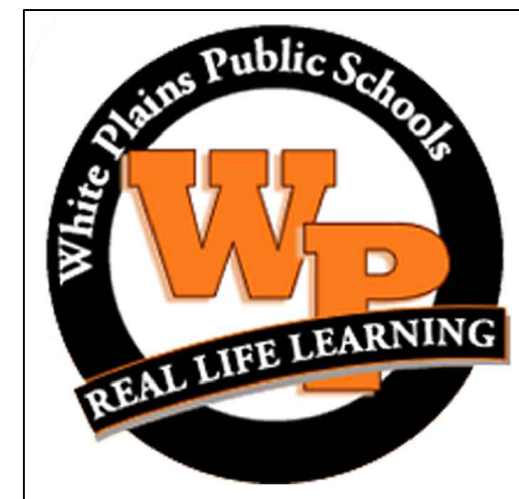
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PROJECT No.: WPSD2114		DATE: FEBRUARY 2023	SCALE: AS SHOWN

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS

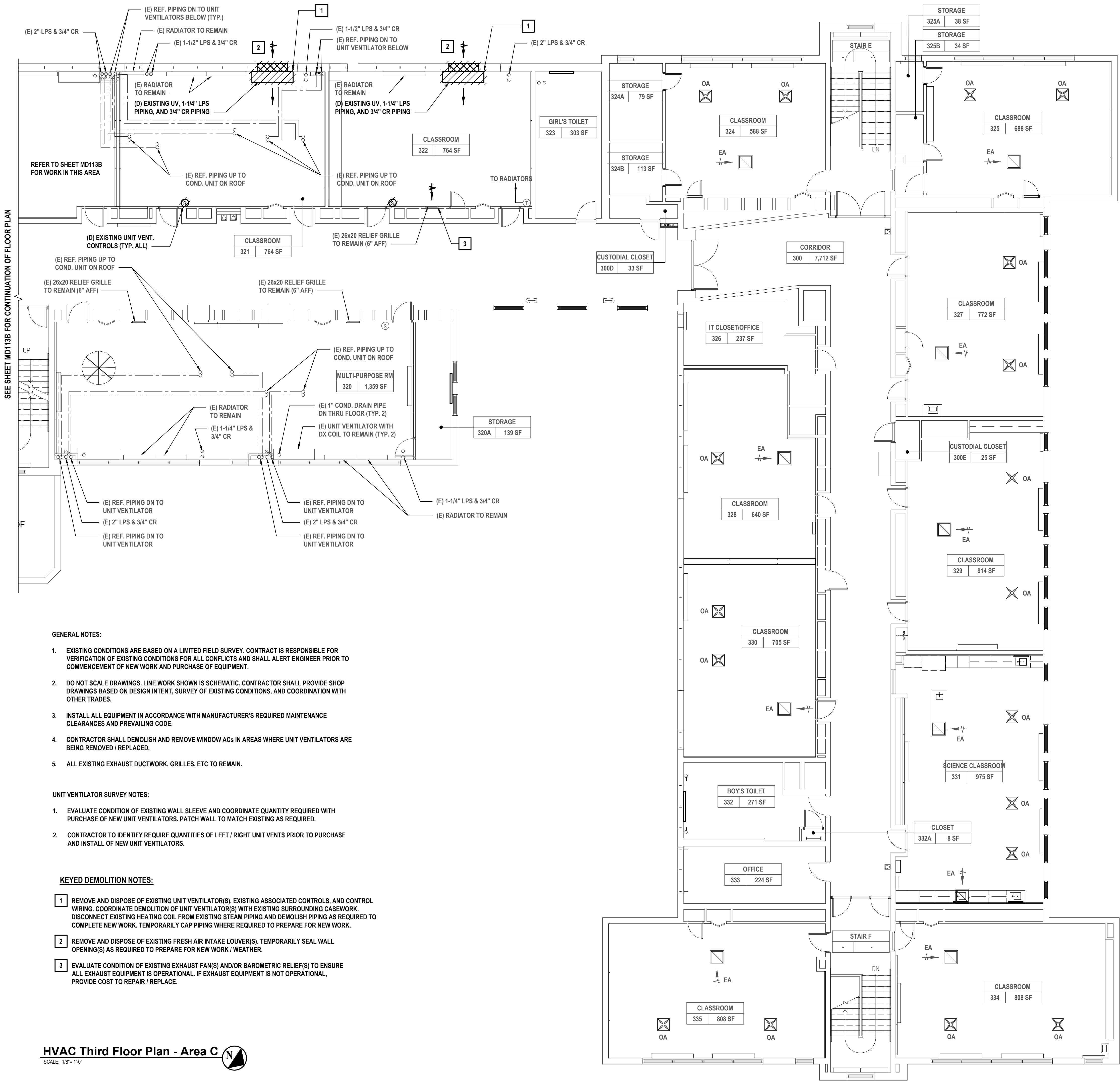
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SHEET TITLE

**MECHANICAL DEMOLITION
THIRD FLOOR PLAN PART B**

DRAFTING No.

MD 113B.00



GENERAL NOTES:

- EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY. CONTRACT IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
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UNIT VENTILATOR SURVEY NOTES:

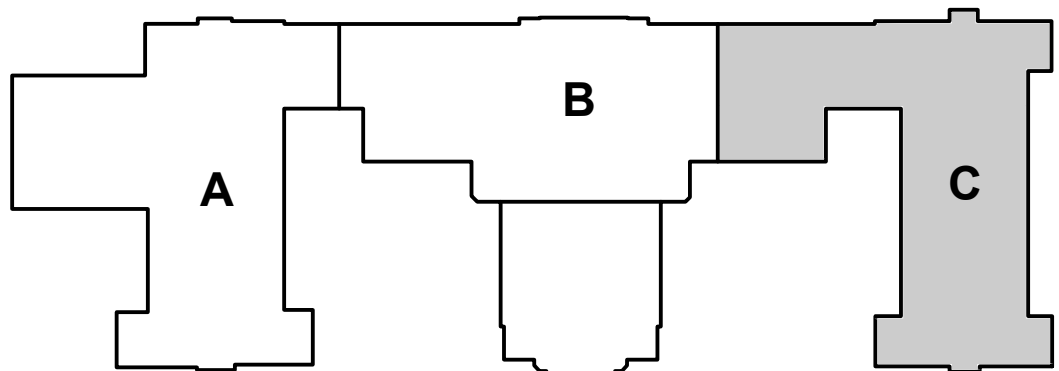
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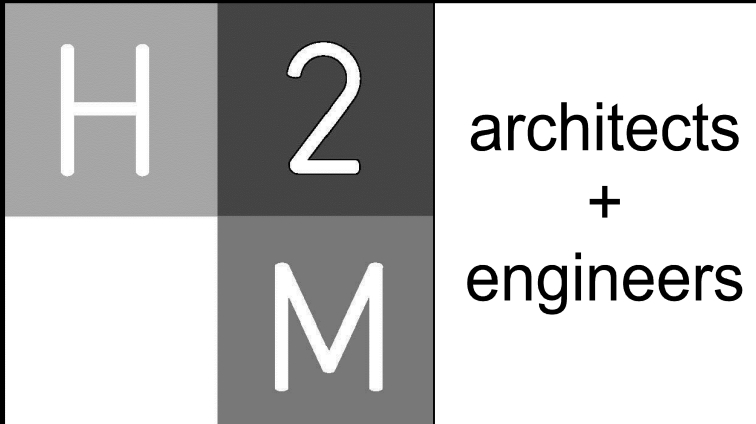
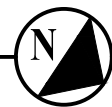
HVAC Third Floor Plan - Area C

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



Key Plan

SCALE: N.T.S.



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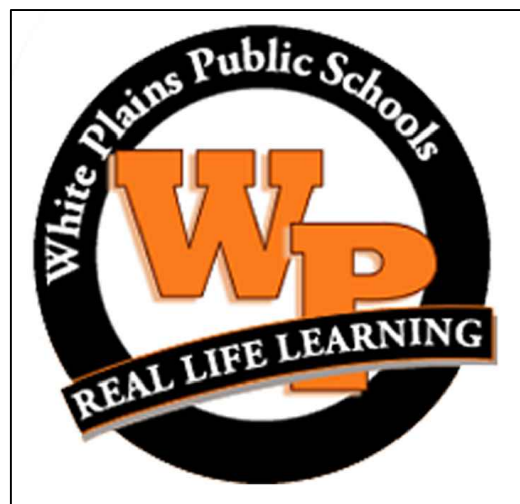
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PROJECT NO.: WPSPD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS

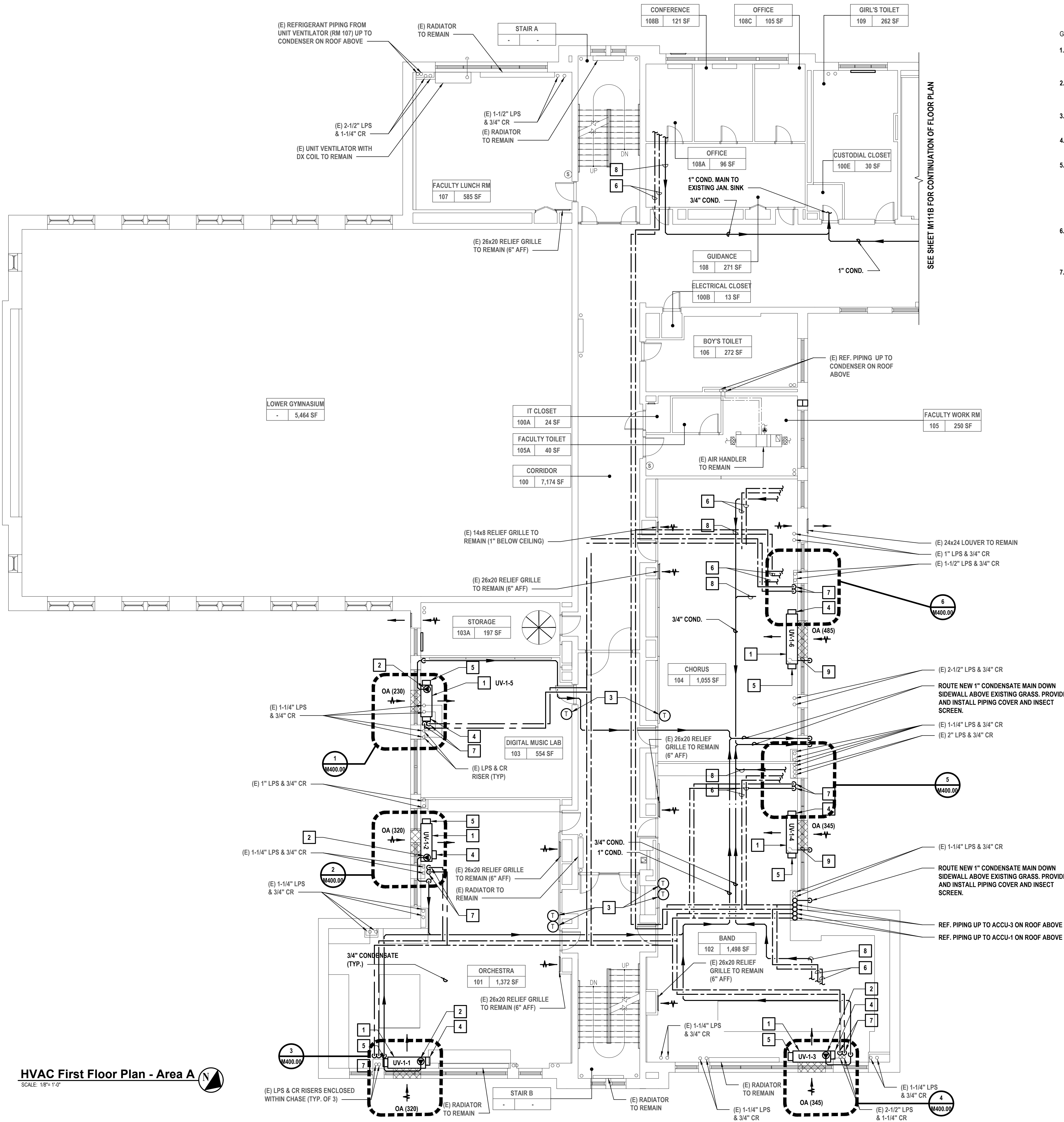
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SHEET TITLE

**MECHANICAL DEMOLITION
THIRD FLOOR PLAN PART C**

DRAWING NO.

MD 113C.00



HVAC First Floor Plan - Area A

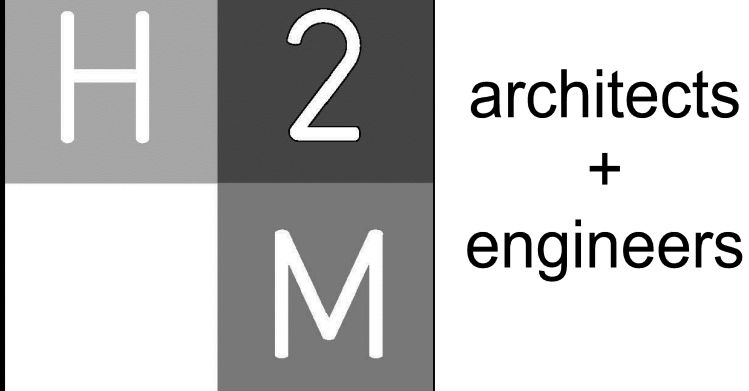
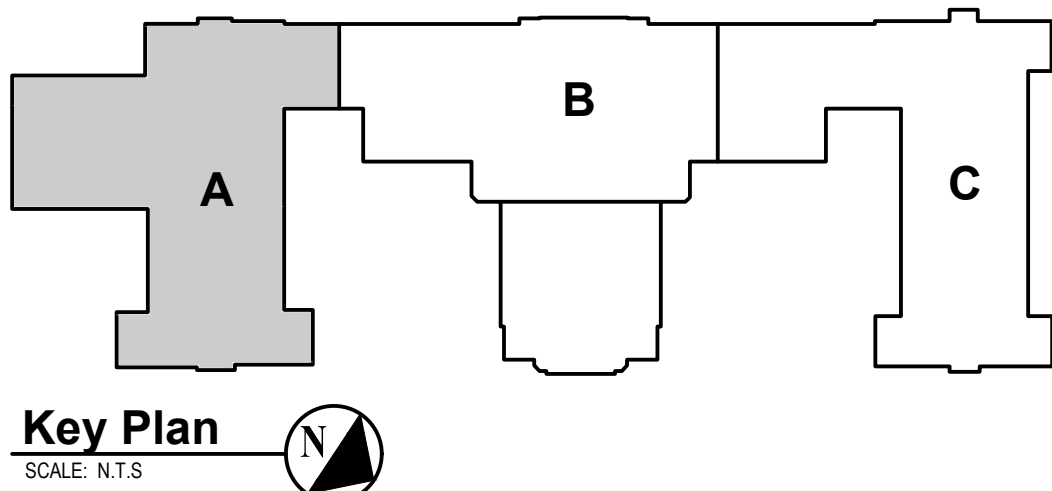
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- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S REQUIRED MAINTENANCE CLEARANCES AND PREVAILING CODE.
- CONTRACTOR TO COORDINATE THE FINAL PLACEMENT OF ALL TEMPERATURE SENSORS AND NEW MANUFACTURER'S Z-CONTROL BOXES WITH THE DISTRICT.
- NEW REFRIGERANT PIPING SHALL BE ROUTED DOWN FROM CONDENSING UNIT ON ROOFTOP TO THE FLOOR BELOW ASSOCIATED FLOOR MOUNTED UNIT VENTILATOR(S) UNLESS STATED OTHERWISE. SIZED PIPING TAKE-OFF(S) AS PER MANUFACTURER'S SPECIFICATIONS FOR EACH FLOOR MOUNTED VENTILATOR AND ROUTE PIPING TO THE CEILING SPACE BELOW THE LOCATION OF THE NEW UNIT VENTILATOR(S). PIPING SHALL RISE UP FOR CONNECTION TO NEW UNIT VENTILATOR(S). CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALTERATIONS TO EXISTING CASEWORK TO PROPERLY HIDE REFRIGERANT PIPING, EXPANSION VALVES, AND MAINTAIN EXISTING AESTHETIC.
- CONTRACTOR TO IDENTIFY BEST REQUIRED QUANTITIES OF DIFFERENT STEAM / DX COILS CONFIGURATIONS (LEFT / RIGHT) FOR ALL UNIT VENTILATORS PRIOR TO PURCHASE AND INSTALLATION OF NEW UNIT VENTILATORS. QUANTITIES SHOULD BE BASED ON EXISTING FIELD CONDITIONS, NEW WORK, AND LIMITING ALTERATIONS TO EXISTING CASEWORK.
- CONTRACTOR SHALL ROUTE ALL HORIZONTAL REFRIGERANT PIPING IN CEILING SPACES.

KEYED CONSTRUCTION NOTES:

- PROVIDE AND INSTALL NEW VERTICAL FLOOR-MOUNTED UNIT VENTILATOR (UV) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT, LOUVER, AND WALL SLEEVE. RECONNECT WITH NEW STEAM PIPING (SEE UNIT VENTILATOR PIPING DETAIL) INCLUDING NEW DDC CONTROL VALVE, STEAM TRAP, ETC. RECONNECT ANY FIN-TUBE RADIATION (FT) PIPING BRANCHES OR CONTROL INTERLOCKS (FT CONTROL VALVE AND SHARED UV THERMOSTAT). SEE ARCHITECTURAL DRAWINGS FOR MODIFICATIONS OR REPLACEMENTS OF EXISTING SHELVING UNITS.
- NEW CONDENSATE PUMP 'CP-1' INSIDE OF NEW UNIT VENTILATOR. PUMP DISCHARGE PIPING SHALL BE ROUTED UP SIDEWALL IN NEW ARCHITECTURAL BUMP OUT / SOFFITING. PIPING ROUTING SHALL LIMIT CHANGES TO ANY NEARBY CASEWORK.
- PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED LOW VOLTAGE THERMOSTAT/CONTROLLER.
- PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED AHU INTEGRATION KIT (EXPANSION VALVE).
- PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED AHU INTEGRATION KIT (Z-CONTROL BOX).
- PROVIDE AND INSTALL REFRIGERANT PIPING UP TO FLOOR MOUNTED UNIT VENTILATOR ABOVE.
- NEW REFRIGERANT PIPING CONNECTIONS SHALL BE ROUTED DOWN SIDEWALL IN NEW ARCHITECTURAL BUMP OUT / SOFFITING. PIPING ROUTING SHALL LIMIT CHANGES TO ANY NEARBY CASEWORK.
- NEW 3/4" CONDENSATE DRAIN PIPING DOWN FROM FLOOR MOUNTED UNIT VENTILATOR ABOVE.
- ROUTE NEW UNIT VENTILATOR 3/4" CONDENSATE MAIN DOWN SIDEWALL ABOVE EXISTING GRASS. PROVIDE AND INSTALL PIPING COVER AND INSECT SCREEN.
- CONTRACTOR TO PROVIDE AND INSTALL NEW STEEL HOT DIPPED GALVANIZED LINTEL - REFER TO DETAIL 2 AND LINTEL SCHEDULE ON M200.0 FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL NEW BRICK MASONRY THROUGHOUT AREA INDICATED. CONTRACTOR SHALL REMOVE EXISTING SILL. NEW BRICK MASONRY TO MATCH EXISTING COLOR, FINISH, COURSING AND PATTERN IN COMPLETELY FILLED BED, ENDS AND HEAD OF MORTAR JOINTS. REFER TO DETAIL 2 ON M200.0 FOR ADDITIONAL INFORMATION.



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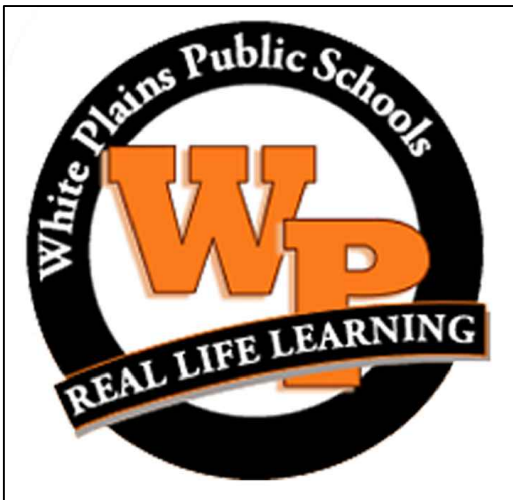
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WHITE PLAINS CITY
SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL



350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING

STATUS
FINAL BID DOCUMENT

SHEET TITLE
MECHANICAL FIRST FLOOR
PLAN PART A

DRAWING NO.
M 111A.00

CONSULTANTS:

MARK	DATE	DESCRIPTION
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STATE OF NEW YORK
SEAN CASTELLI
099167
LICENSED PROFESSIONAL ENGINEER

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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT
WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

White Plains Public Schools
WP
REAL LIFE LEARNING

350 Main Street
White Plains, NY 10601

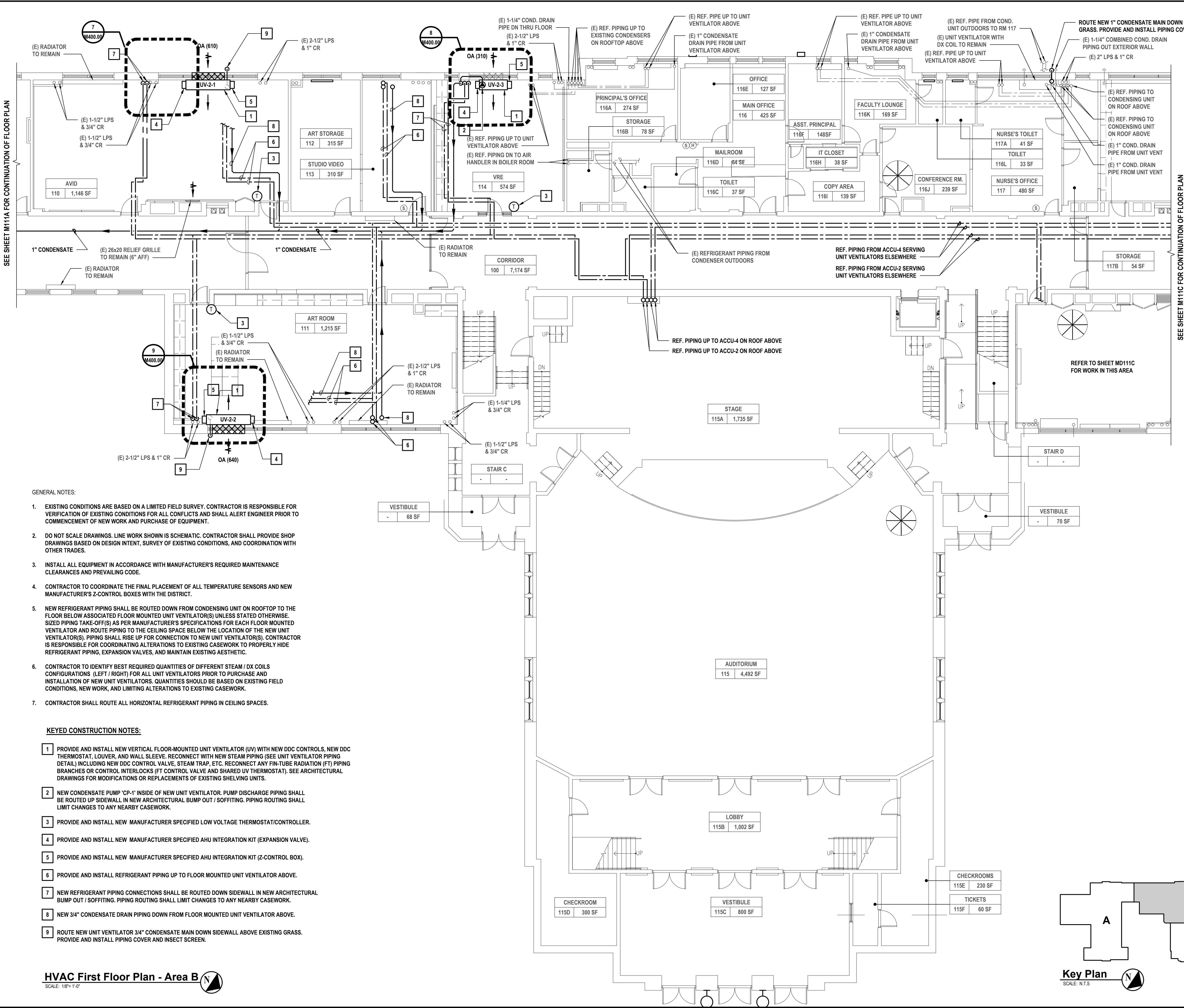
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT
CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING

STATUS
FINAL BID DOCUMENT

SHEET TITLE
MECHANICAL FIRST FLOOR
PLAN PART B

DRAWING No.
M 111B.00

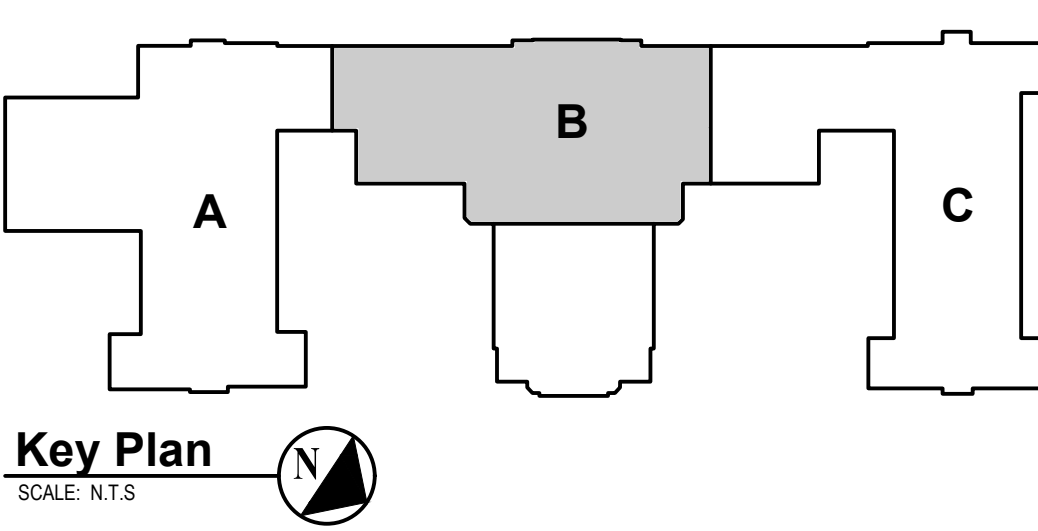


- GENERAL NOTES:
- EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
 - DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
 - INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S REQUIRED MAINTENANCE CLEARANCES AND PREVAILING CODE.
 - CONTRACTOR TO COORDINATE THE FINAL PLACEMENT OF ALL TEMPERATURE SENSORS AND NEW MANUFACTURER'S Z-CONTROL BOXES WITH THE DISTRICT.
 - NEW REFRIGERANT PIPING SHALL BE ROUTED DOWN FROM CONDENSING UNIT ON ROOFTOP TO THE FLOOR BELOW ASSOCIATED FLOOR MOUNTED UNIT VENTILATOR(S) UNLESS STATED OTHERWISE. SIZED PIPING TAKE-OFF(S) AS PER MANUFACTURER'S SPECIFICATIONS FOR EACH FLOOR MOUNTED VENTILATOR AND ROUTE PIPING TO THE CEILING SPACE BELOW THE LOCATION OF THE NEW UNIT VENTILATOR(S). PIPING SHALL RISE UP FOR CONNECTION TO NEW UNIT VENTILATOR(S). CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALTERATIONS TO EXISTING CASEWORK TO PROPERLY HIDE REFRIGERANT PIPING, EXPANSION VALVES, AND MAINTAIN EXISTING AESTHETIC.
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KEYED CONSTRUCTION NOTES:

- PROVIDE AND INSTALL NEW VERTICAL FLOOR-MOUNTED UNIT VENTILATOR (UV) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT, LOUVER, AND WALL SLEEVE. RECONNECT WITH NEW STEAM PIPING (SEE UNIT VENTILATOR PIPING DETAIL) INCLUDING NEW DDC CONTROL VALVE, STEAM TRAP, ETC. RECONNECT ANY FIN-TUBE RADIATION (FT) PIPING BRANCHES OR CONTROL INTERLOCKS (FT CONTROL VALVE AND SHARED UV THERMOSTAT). SEE ARCHITECTURAL DRAWINGS FOR MODIFICATIONS OR REPLACEMENTS OF EXISTING SHELVEING UNITS.
- NEW CONDENSATE PUMP 'CP-1' INSIDE OF NEW UNIT VENTILATOR. PUMP DISCHARGE PIPING SHALL BE ROUTED UP SIDEWALL IN NEW ARCHITECTURAL BUMP OUT / SOFFITING. PIPING ROUTING SHALL LIMIT CHANGES TO ANY NEARBY CASEWORK.
- PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED LOW VOLTAGE THERMOSTAT/CONTROLLER.
- PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED AHU INTEGRATION KIT (EXPANSION VALVE).
- PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED AHU INTEGRATION KIT (Z-CONTROL BOX).
- PROVIDE AND INSTALL REFRIGERANT PIPING UP TO FLOOR MOUNTED UNIT VENTILATOR ABOVE.
- NEW REFRIGERANT PIPING CONNECTIONS SHALL BE ROUTED DOWN SIDEWALL IN NEW ARCHITECTURAL BUMP OUT / SOFFITING. PIPING ROUTING SHALL LIMIT CHANGES TO ANY NEARBY CASEWORK.
- NEW 3/4" CONDENSATE DRAIN PIPING DOWN FROM FLOOR MOUNTED UNIT VENTILATOR ABOVE.
- ROUTE NEW UNIT VENTILATOR 3/4" CONDENSATE MAIN DOWN SIDEWALL ABOVE EXISTING GRASS. PROVIDE AND INSTALL PIPING COVER AND INSECT SCREEN.

HVAC First Floor Plan - Area B
SCALE: 1/8"= 1'-0"



CONSULTANTS:

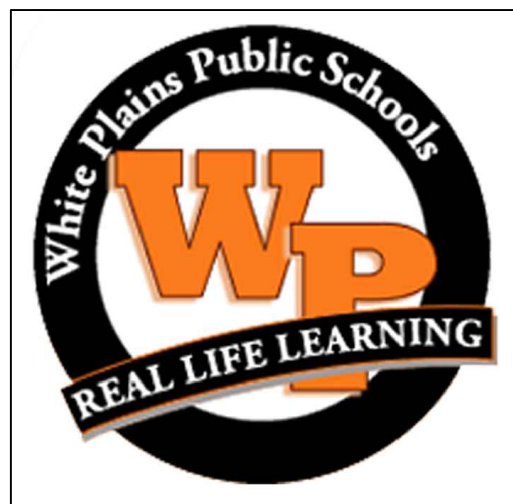
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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT
WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



350 Main Street
White Plains, NY 10601

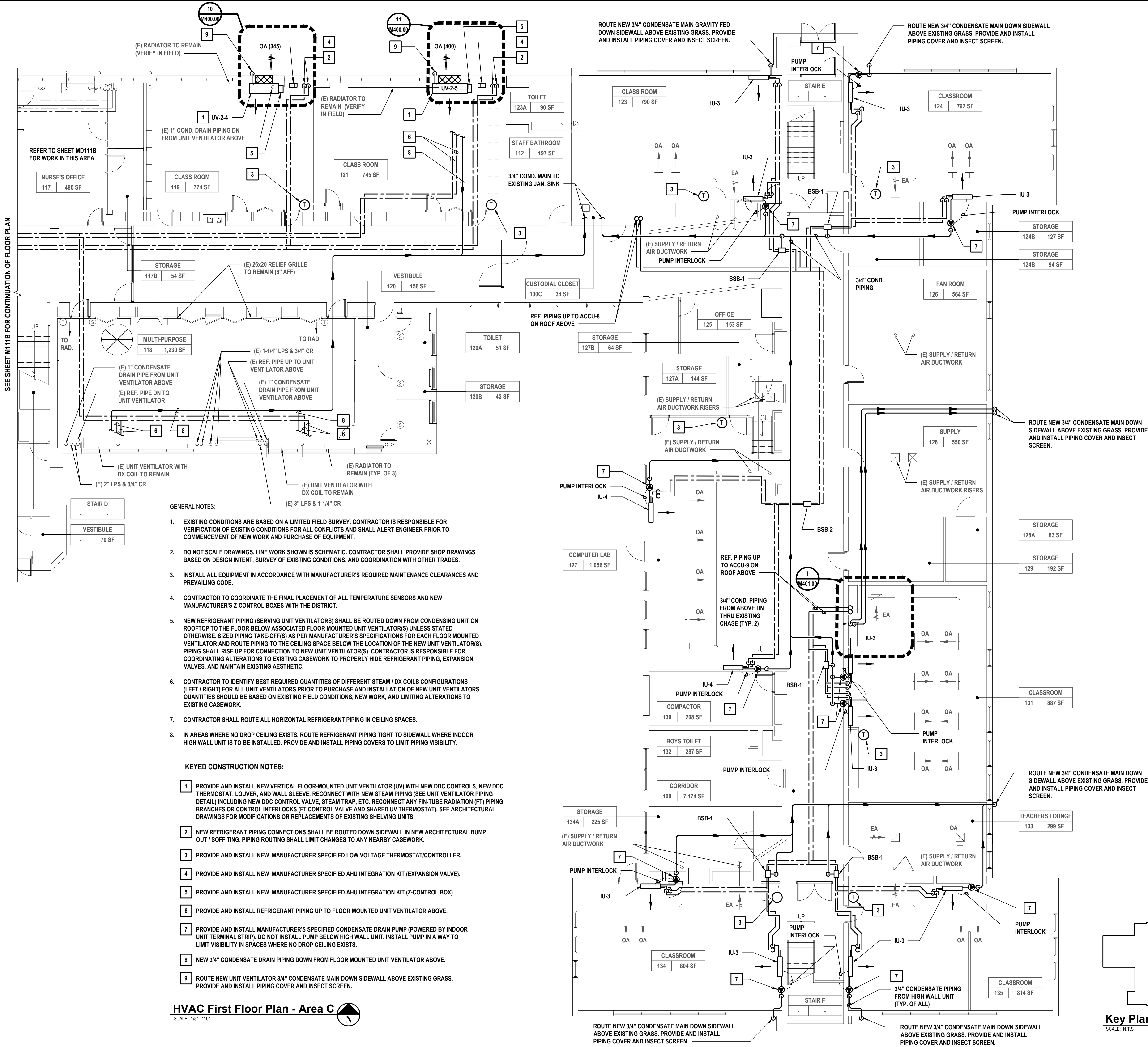
**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL FIRST FLOOR
PLAN PART C**

DRAWING No.
M 111C.00



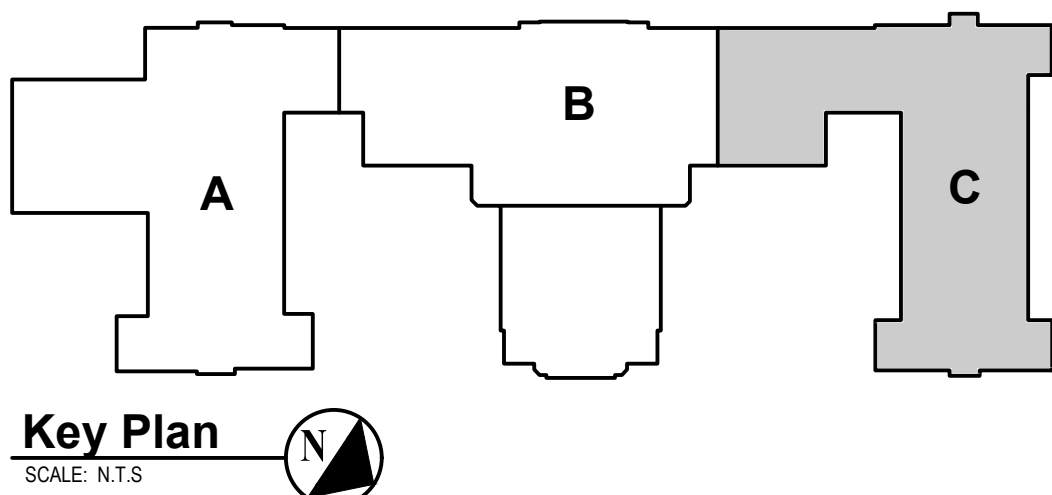
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- CONTRACTOR TO COORDINATE THE FINAL PLACEMENT OF ALL TEMPERATURE SENSORS AND NEW MANUFACTURER'S Z-CONTROL BOXES WITH THE DISTRICT.
- NEW REFRIGERANT PIPING (SERVING UNIT VENTILATORS) SHALL BE ROUTED DOWN FROM CONDENSING UNIT ON ROOFTOP TO THE FLOOR BELOW ASSOCIATED FLOOR MOUNTED UNIT VENTILATOR(S) UNLESS STATED OTHERWISE. SIZED PIPING TAKE-OFF(S) AS PER MANUFACTURER'S SPECIFICATIONS FOR EACH FLOOR MOUNTED VENTILATOR AND ROUTE PIPING TO THE CEILING SPACE BELOW THE LOCATION OF THE NEW UNIT VENTILATOR(S). PIPING SHALL RISE UP FOR CONNECTION TO NEW UNIT VENTILATOR(S). CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALTERATIONS TO EXISTING CASEWORK TO PROPERLY HIDE REFRIGERANT PIPING, EXPANSION VALVES, AND MAINTAIN EXISTING AESTHETIC.
- CONTRACTOR TO IDENTIFY BEST REQUIRED QUANTITIES OF DIFFERENT STEAM / DX COILS CONFIGURATIONS (LEFT / RIGHT) FOR ALL UNIT VENTILATORS PRIOR TO PURCHASE AND INSTALLATION OF NEW UNIT VENTILATORS. QUANTITIES SHOULD BE BASED ON EXISTING FIELD CONDITIONS, NEW WORK, AND LIMITING ALTERATIONS TO EXISTING CASEWORK.
- CONTRACTOR SHALL ROUTE ALL HORIZONTAL REFRIGERANT PIPING IN CEILING SPACES.
- IN AREAS WHERE NO DROP CEILING EXISTS, ROUTE REFRIGERANT PIPING TIGHT TO SIDEWALL WHERE INDOOR HIGH WALL UNIT IS TO BE INSTALLED. PROVIDE AND INSTALL PIPING COVERS TO LIMIT PIPING VISIBILITY.

KEYED CONSTRUCTION NOTES:

- PROVIDE AND INSTALL NEW VERTICAL FLOOR-MOUNTED UNIT VENTILATOR (UV) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT, LOUVER, AND WALL SLEEVE. RECONNECT WITH NEW STEAM PIPING (SEE UNIT VENTILATOR PIPING DETAIL), INCLUDING NEW DDC CONTROL VALVE, STEAM TRAP, ETC. RECONNECT ANY FIN-TUBE RADIATION (FT) PIPING BRANCHES OR CONTROL INTERLOCKS (FT CONTROL VALVE AND SHARED UV THERMOSTAT). SEE ARCHITECTURAL DRAWINGS FOR MODIFICATIONS OR REPLACEMENTS OF EXISTING SHELVING UNITS.
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- PROVIDE AND INSTALL MANUFACTURER'S SPECIFIED CONDENSATE DRAIN PUMP (POWERED BY INDOOR UNIT TERMINAL STRIP). DO NOT INSTALL PUMP BELOW HIGH WALL UNIT. INSTALL PUMP IN A WAY TO LIMIT VISIBILITY IN SPACES WHERE NO DROP CEILING EXISTS.
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HVAC First Floor Plan - Area C
SCALE: 1/8" = 1'-0"



Key Plan
SCALE: N.T.S.

CONSULTANTS:

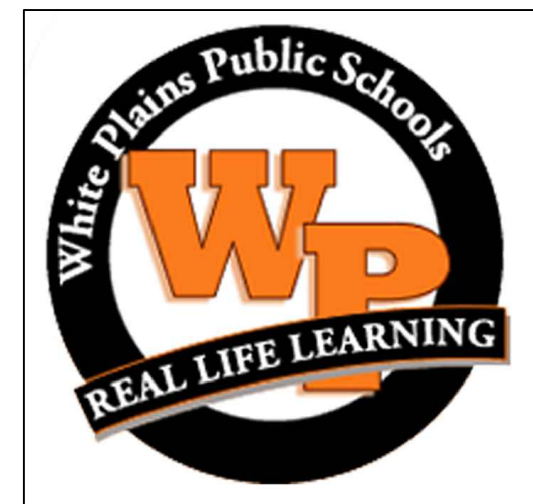
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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT
**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



350 Main Street
White Plains, NY 10601

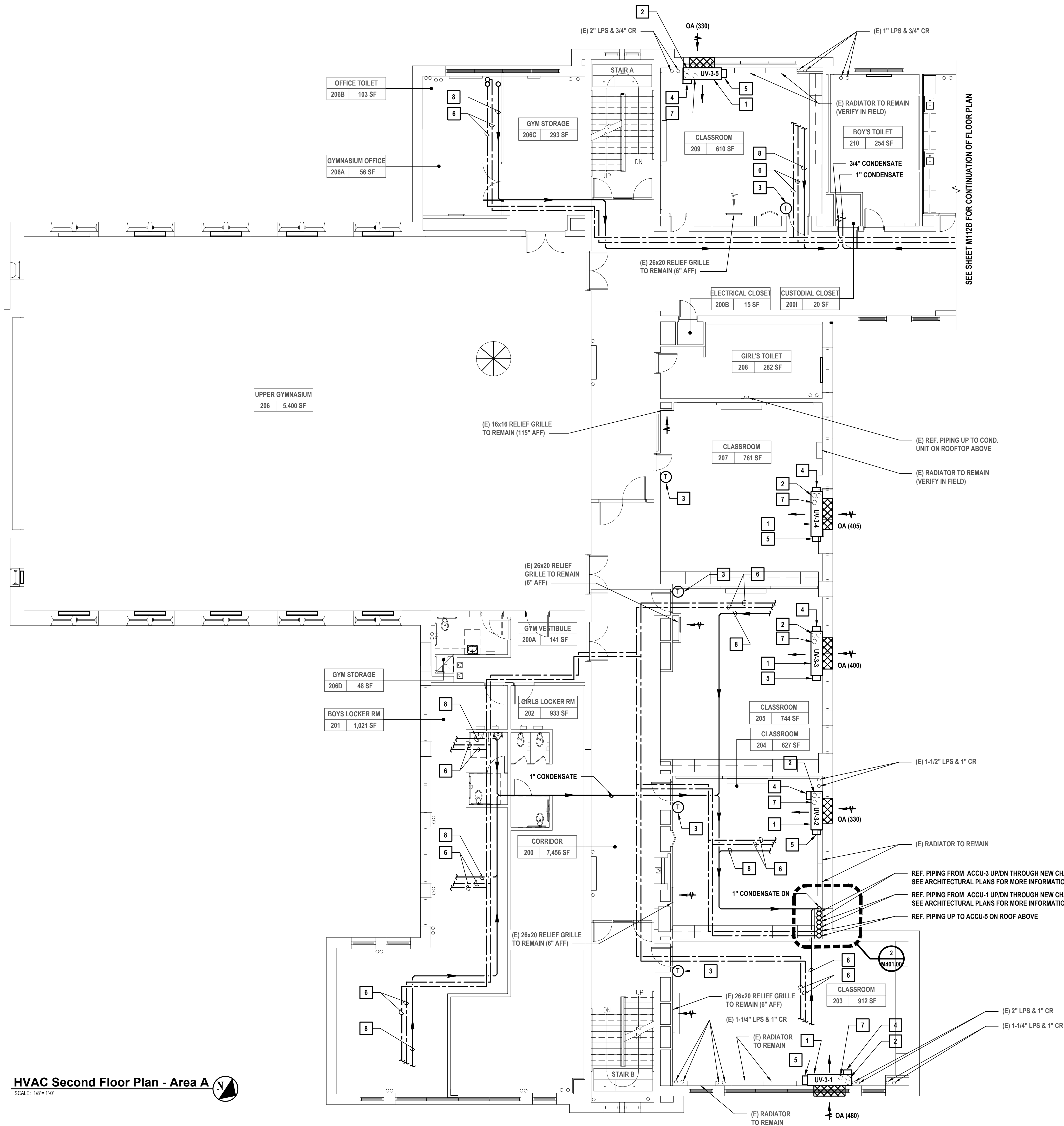
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL SECOND FLOOR
PLAN PART A**

DRAWING NO.
M 112A.00

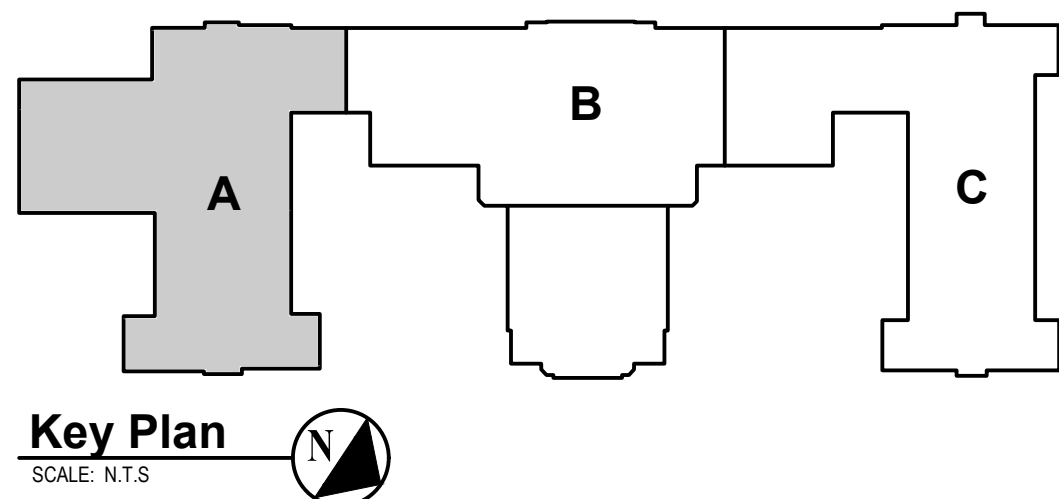


GENERAL NOTES:

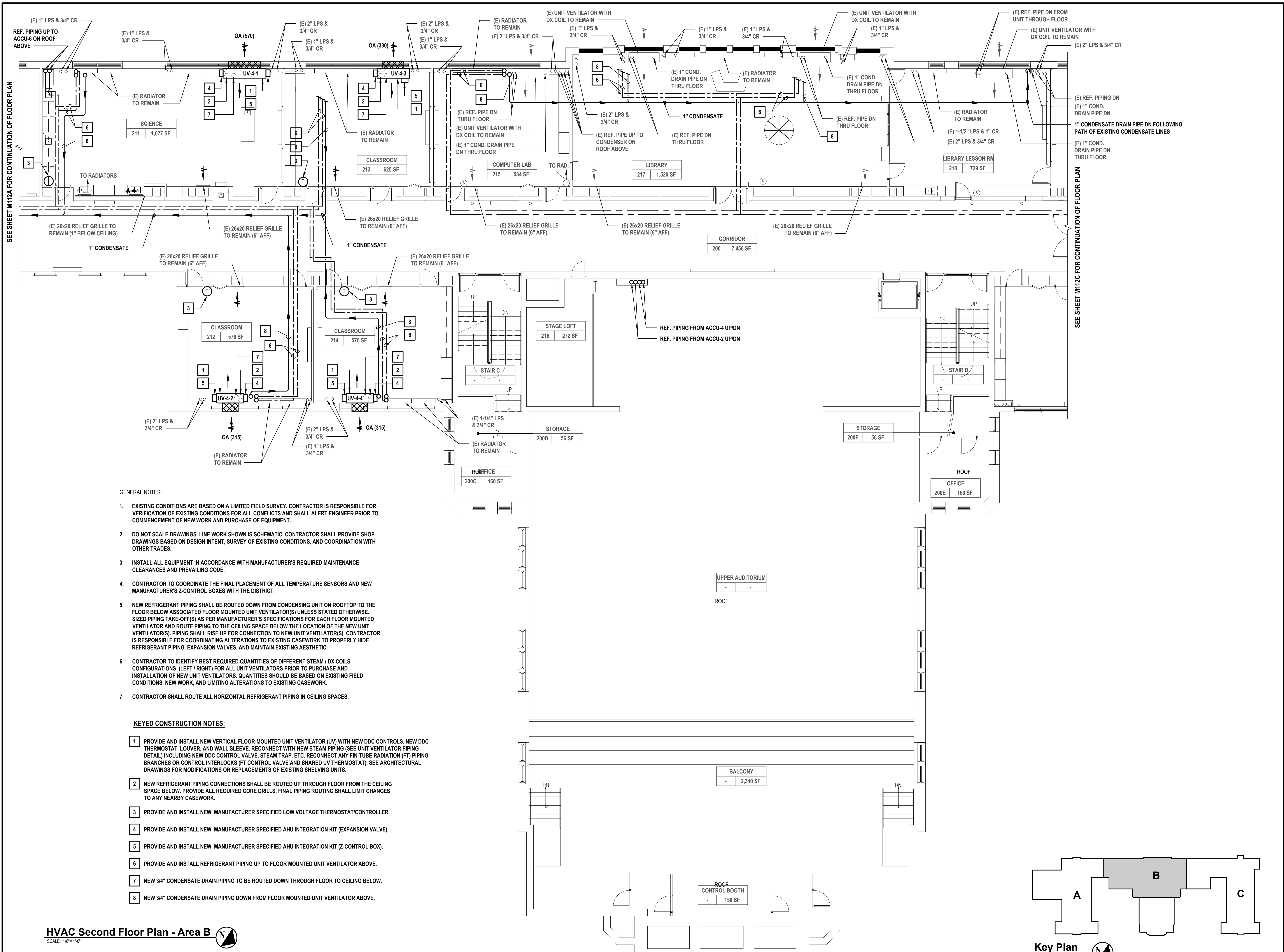
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HVAC Second Floor Plan - Area A
SCALE: 1/8" = 1'-0"



CONSULTANTS:

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STATE OF NEW YORK
SEAN CASTELLI
099167
LICENSED PROFESSIONAL ENGINEER

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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT

WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

White Plains Public Schools
WP
REAL LIFE LEARNING

350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING

STATUS

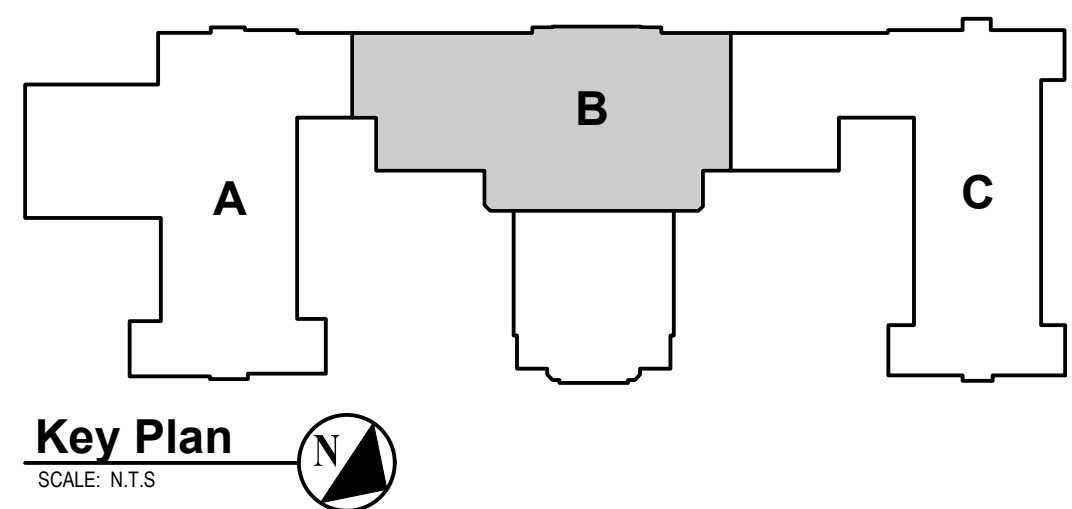
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SHEET TITLE

MECHANICAL SECOND FLOOR
PLAN PART B

DRAWING No.

M 112B.00



CONSULTANTS:

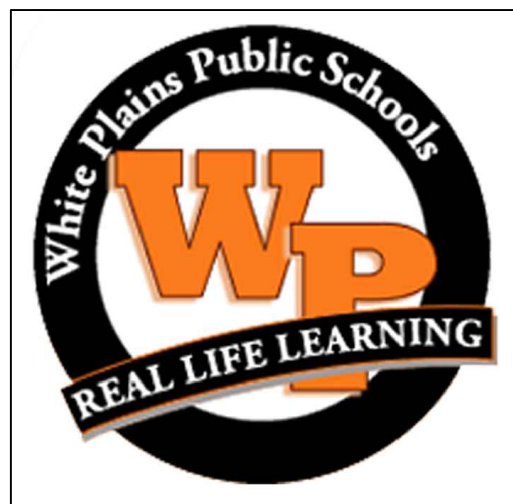
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CLIENT
**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
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STATUS

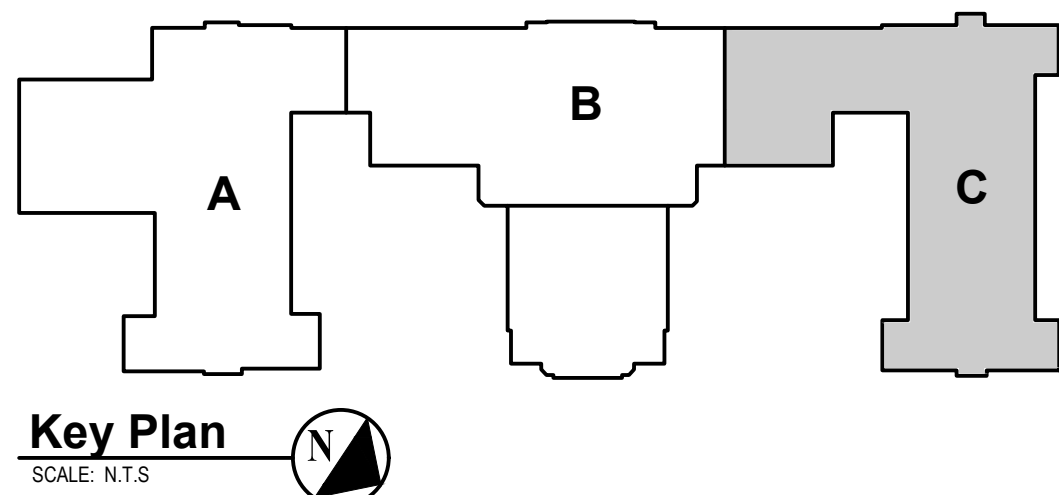
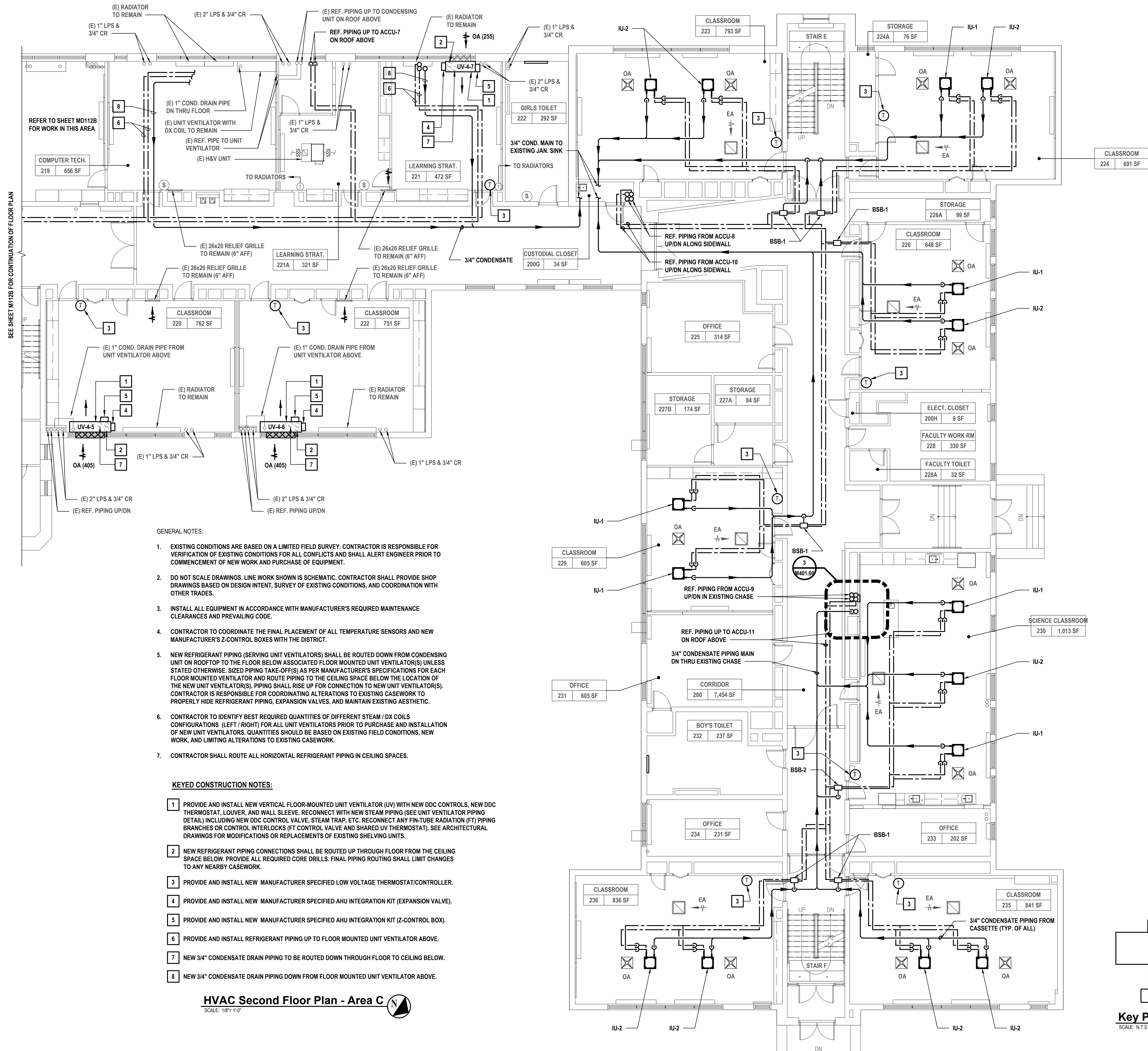
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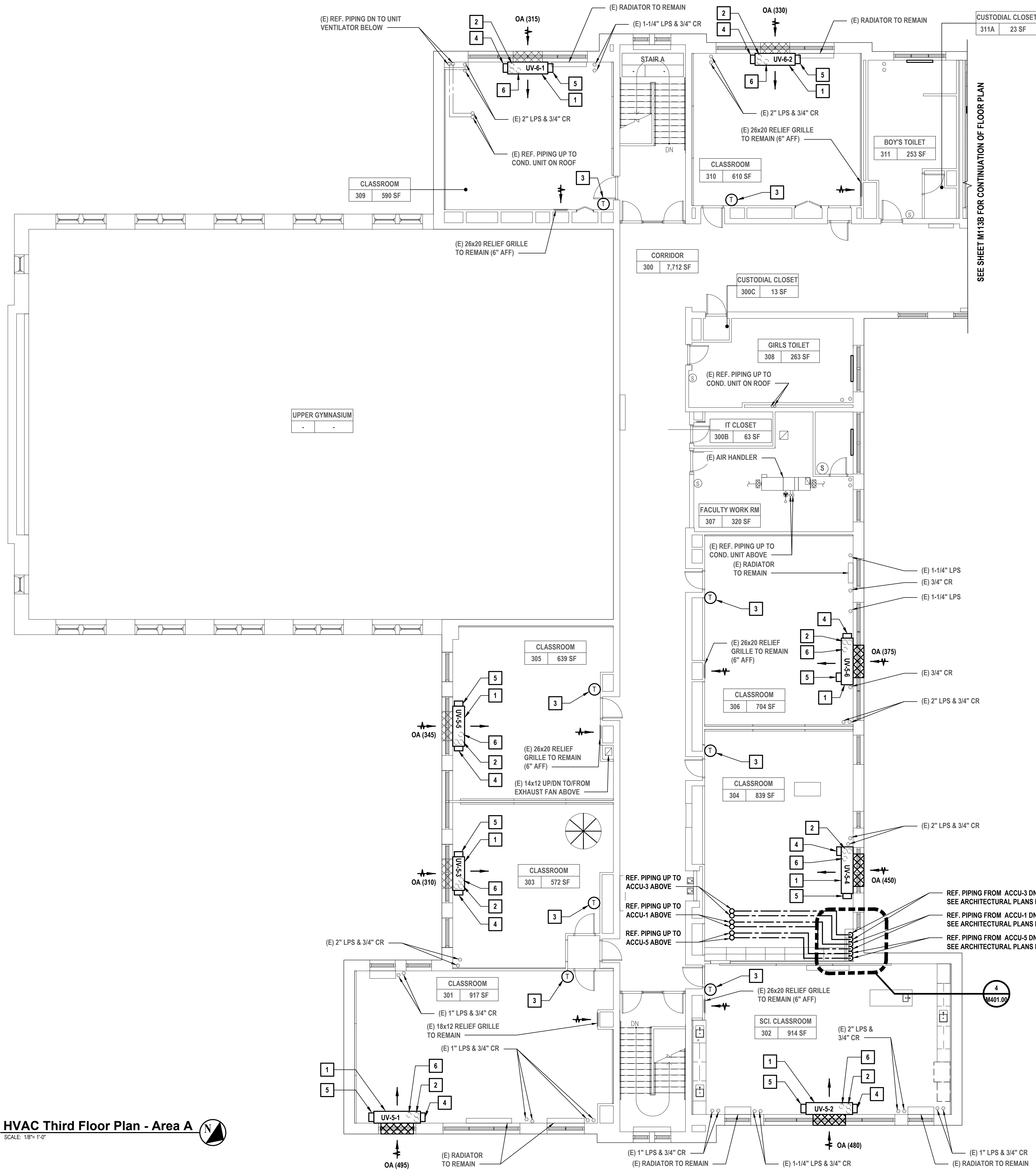
**MECHANICAL SECOND FLOOR
PLAN PART C**

DRAWING NO.

M 112C.00



Key Plan
SCALE: N.T.S.



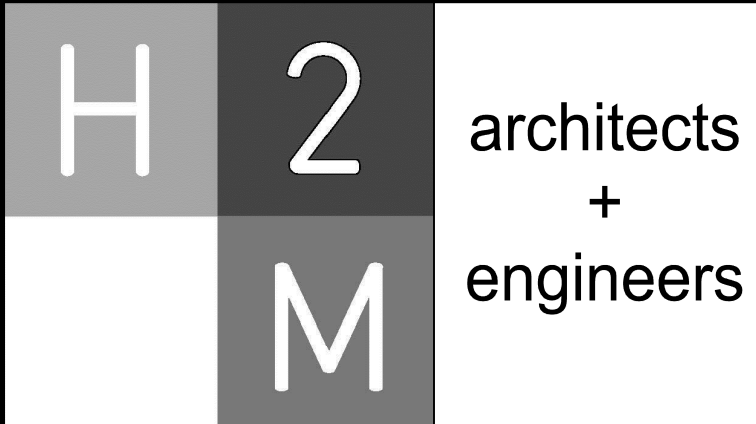
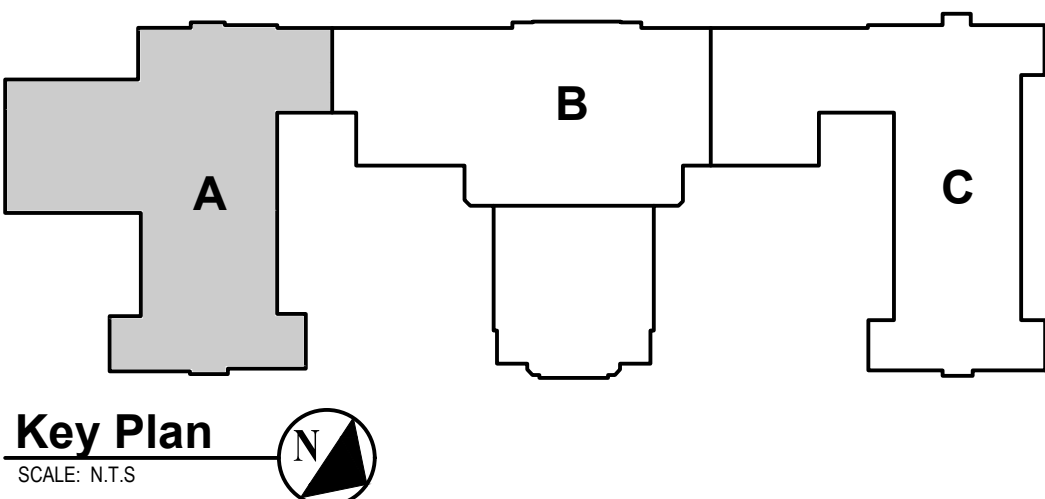
HVAC Third Floor Plan - Area A
SCALE: 1/8" = 1'-0"

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2700 Westchester Ave., Suite 415
Purchase, NY 10577
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CONSULTANTS:

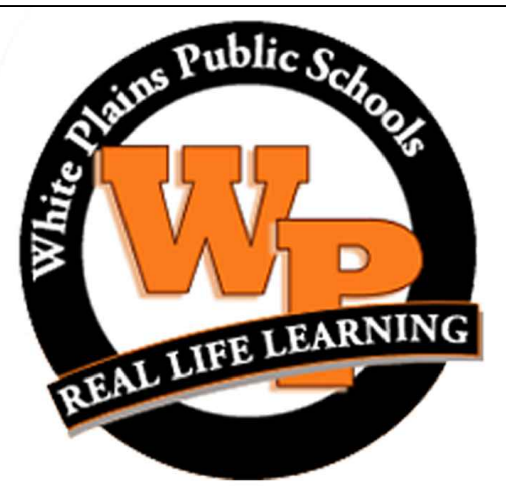
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SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



**350 Main Street
White Plains, NY 10601**

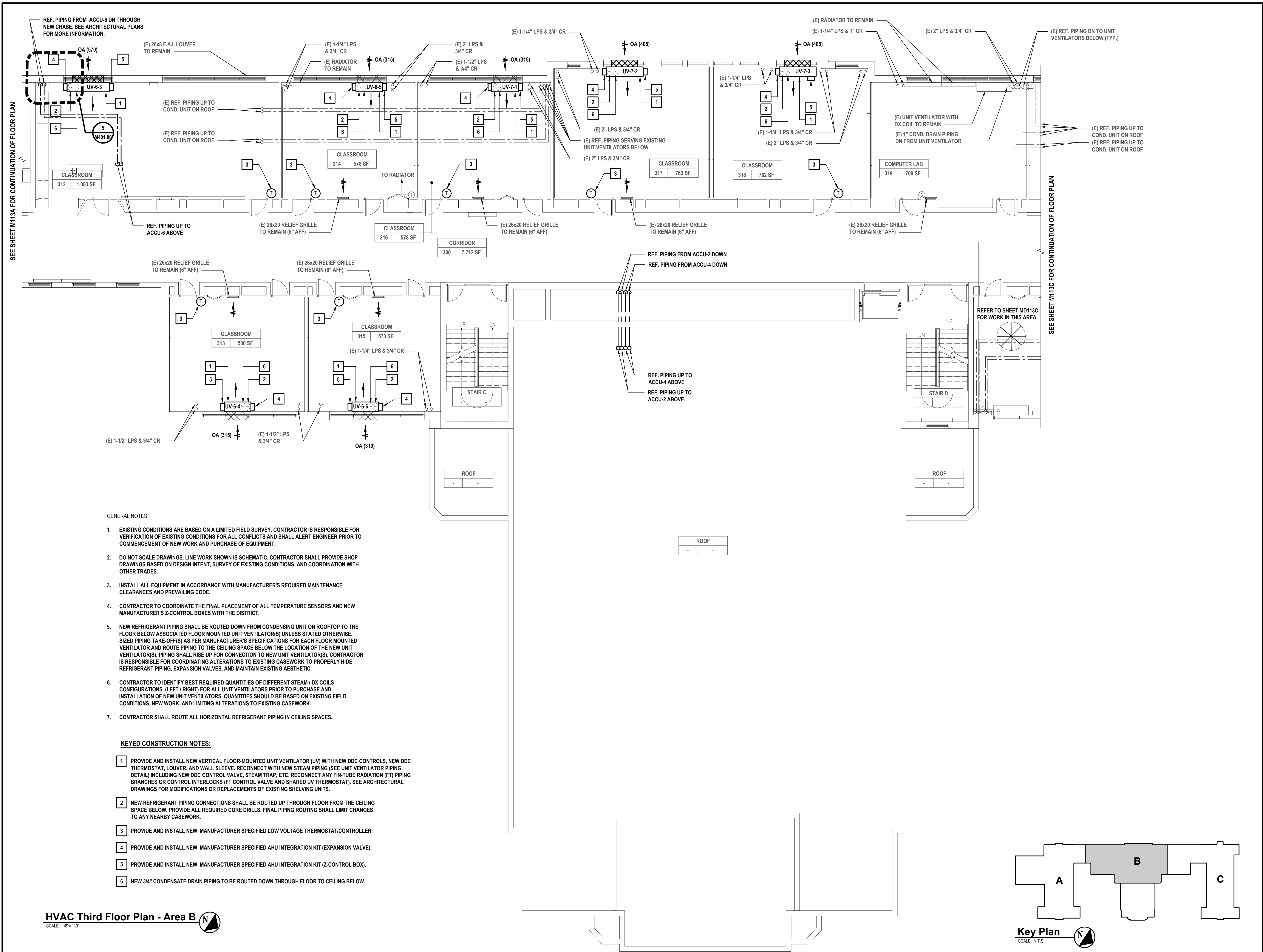
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CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL THIRD FLOOR
PLAN PART A**

DRAWING No.
M 113A.00



H2M

architects
+
engineers

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

CONSULTANTS:

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STATE OF NEW YORK
SEAN CASTELLI
099167
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SCHOOL DISTRICT**

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White Plains Public Schools
WP
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**MECHANICAL THIRD FLOOR
PLAN PART B**

DRAWING NO.
M 113B.00

WPSD (White Plains Central School District) - 10991WPSD2114 - (Estimate of Replacement) of Unit Ventilators and Radiators at Eastview Middle School, Third Floor Plan Part B, Mechanical, Third Floor Plan Part B, dated July 14, 2022. 12:49pm. Printed on: Feb 03, 2023. 3:41pm by jcastelli

CONSULTANTS:

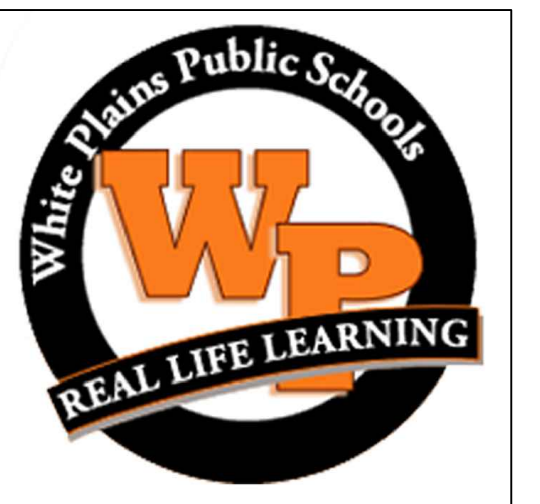
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350 Main Street
White Plains, NY 10601

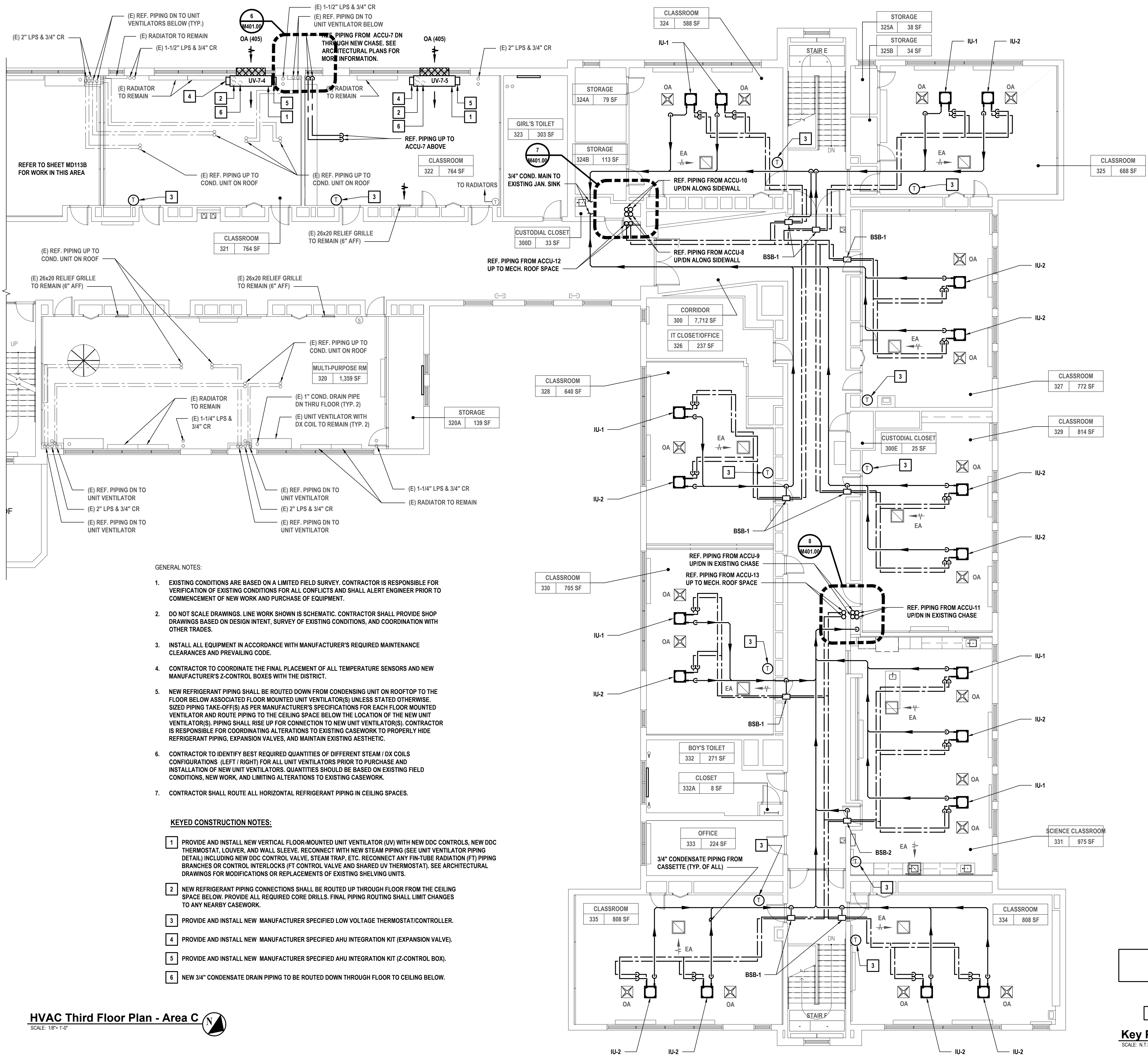
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL THIRD FLOOR
PLAN PART C**

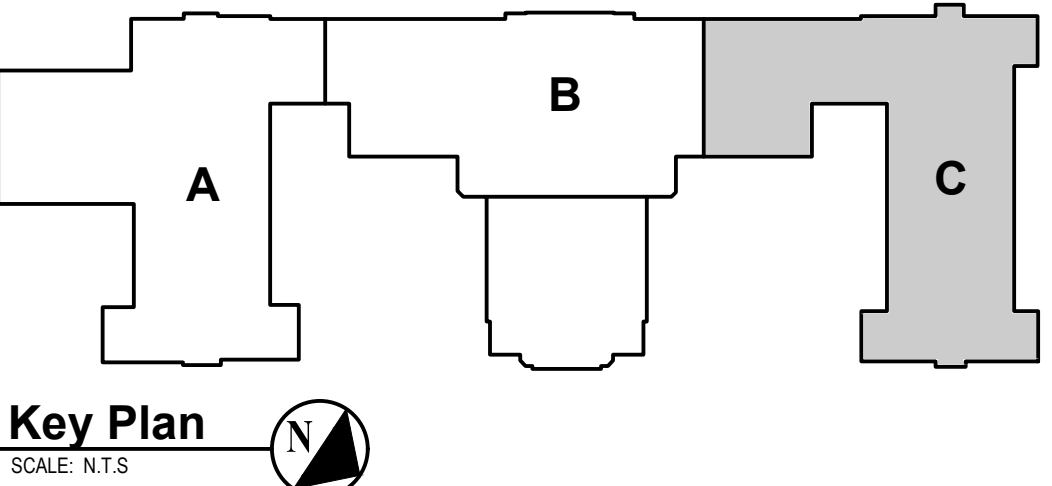
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M 113C.00

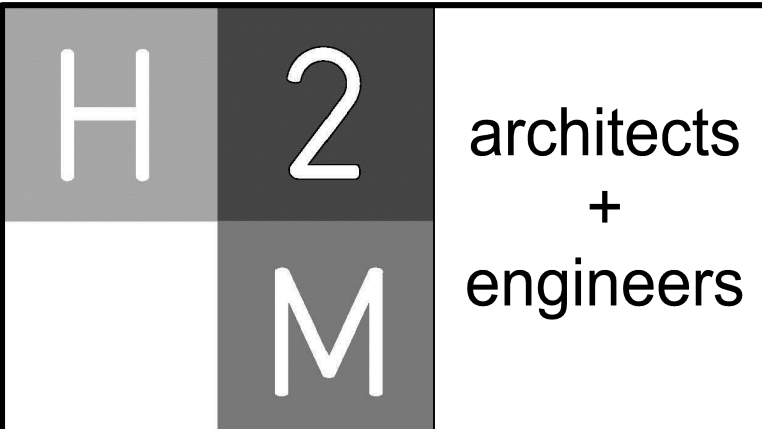
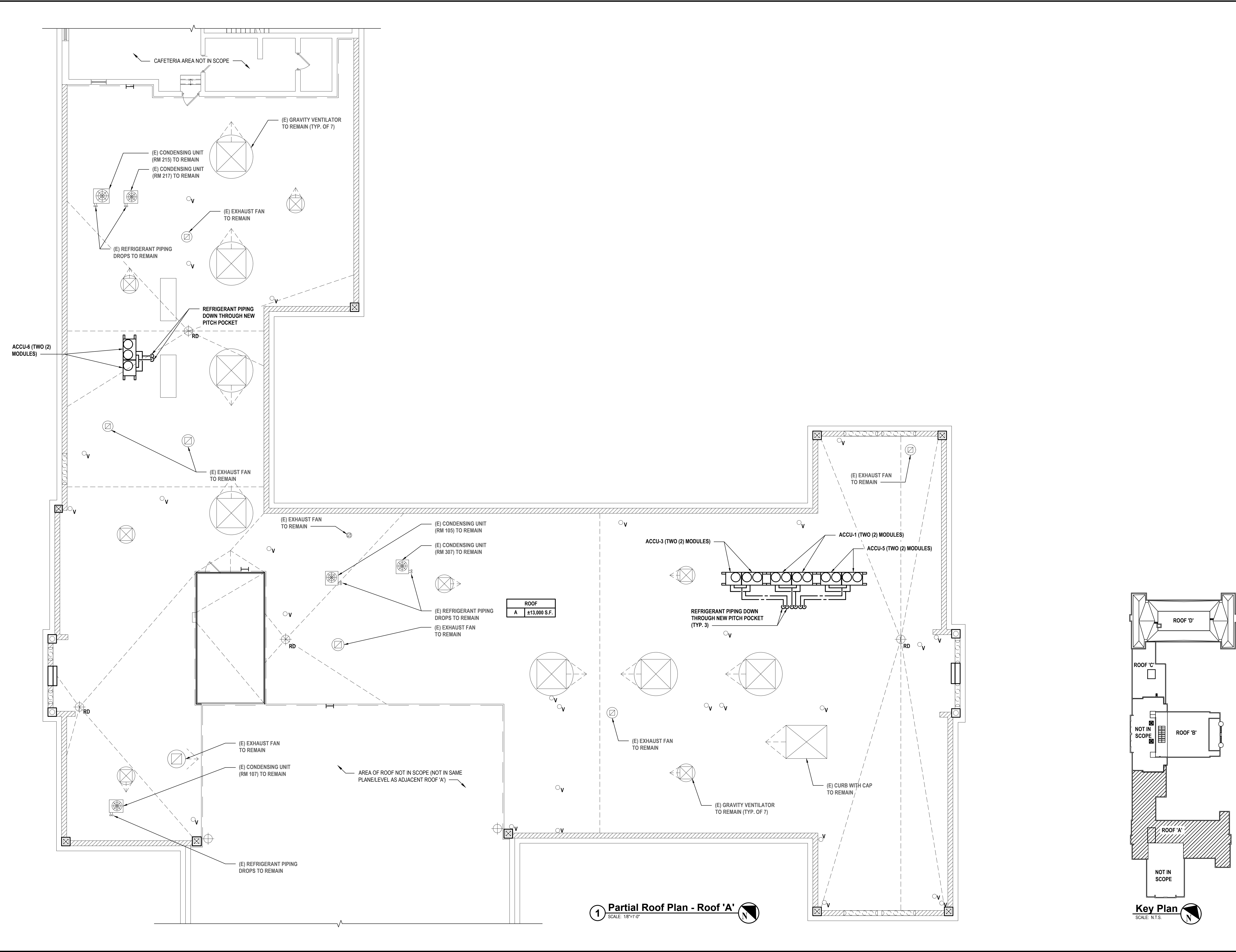


- GENERAL NOTES:
- EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
 - DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
 - INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S REQUIRED MAINTENANCE CLEARANCES AND PREVAILING CODE.
 - CONTRACTOR TO COORDINATE THE FINAL PLACEMENT OF ALL TEMPERATURE SENSORS AND NEW MANUFACTURER'S Z-CONTROL BOXES WITH THE DISTRICT.
 - NEW REFRIGERANT PIPING SHALL BE ROUTED DOWN FROM CONDENSING UNIT ON ROOFTOP TO THE FLOOR BELOW ASSOCIATED FLOOR MOUNTED UNIT VENTILATOR(S) UNLESS STATED OTHERWISE. SIZED PIPING TAKE-OFF(S) AS PER MANUFACTURER'S SPECIFICATIONS FOR EACH FLOOR MOUNTED VENTILATOR AND ROUTE PIPING TO THE CEILING SPACE BELOW THE LOCATION OF THE NEW UNIT VENTILATOR(S). PIPING SHALL RISE UP FOR CONNECTION TO NEW UNIT VENTILATOR(S). CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALTERATIONS TO EXISTING CASEWORK TO PROPERLY HIDE REFRIGERANT PIPING, EXPANSION VALVES, AND MAINTAIN EXISTING AESTHETIC.
 - CONTRACTOR TO IDENTIFY BEST REQUIRED QUANTITIES OF DIFFERENT STEAM / DX COILS CONFIGURATIONS (LEFT / RIGHT) FOR ALL UNIT VENTILATORS PRIOR TO PURCHASE AND INSTALLATION OF NEW UNIT VENTILATORS. QUANTITIES SHOULD BE BASED ON EXISTING FIELD CONDITIONS, NEW WORK, AND LIMITING ALTERATIONS TO EXISTING CASEWORK.
 - CONTRACTOR SHALL ROUTE ALL HORIZONTAL REFRIGERANT PIPING IN CEILING SPACES.

- KEYED CONSTRUCTION NOTES:
- PROVIDE AND INSTALL NEW VERTICAL FLOOR-MOUNTED UNIT VENTILATOR (UV) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT, LOUVER, AND WALL SLEEVE. RECONNECT WITH NEW STEAM PIPING (SEE UNIT VENTILATOR PIPING DETAIL) INCLUDING NEW DDC CONTROL VALVE, STEAM TRAP, ETC. RECONNECT ANY FIN-TUBE RADIATION (FT) PIPING BRANCHES OR CONTROL INTERLOCKS (FT CONTROL VALVE AND SHARED UV THERMOSTAT). SEE ARCHITECTURAL DRAWINGS FOR MODIFICATIONS OR REPLACEMENTS OF EXISTING SHELVING UNITS.
 - NEW REFRIGERANT PIPING CONNECTIONS SHALL BE ROUTED UP THROUGH FLOOR FROM THE CEILING SPACE BELOW. PROVIDE ALL REQUIRED CORE DRILLS. FINAL PIPING ROUTING SHALL LIMIT CHANGES TO ANY NEARBY CASEWORK.
 - PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED LOW VOLTAGE THERMOSTAT/CONTROLLER.
 - PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED AHU INTEGRATION KIT (EXPANSION VALVE).
 - PROVIDE AND INSTALL NEW MANUFACTURER SPECIFIED AHU INTEGRATION KIT (Z-CONTROL BOX).
 - NEW 3/4" CONDENSATE DRAIN PIPING TO BE ROUTED DOWN THROUGH FLOOR TO CEILING BELOW.

HVAC Third Floor Plan - Area C
SCALE: 1/8" = 1'-0"





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PROJECT NO.: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL

350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

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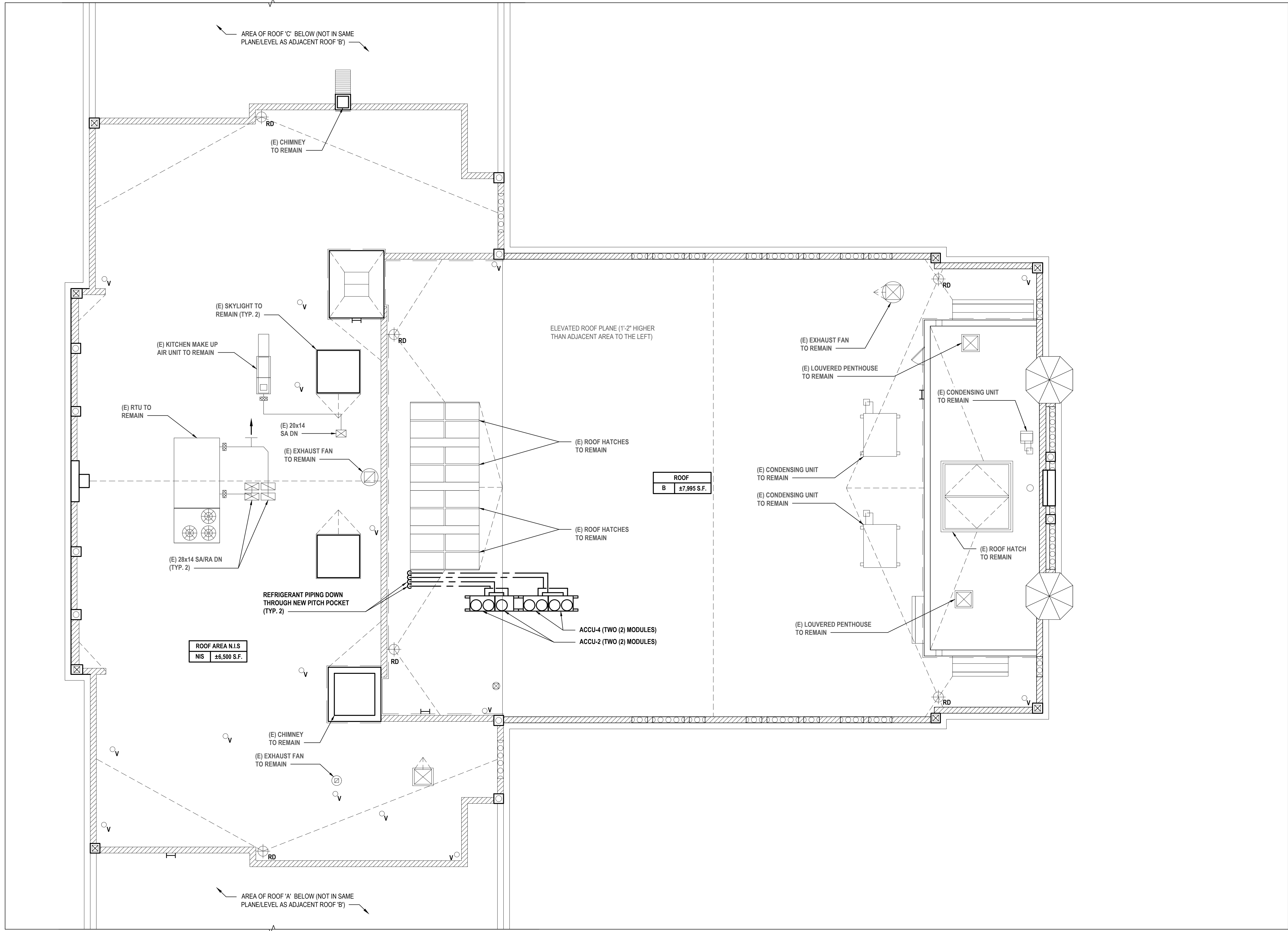
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**MECHANICAL ROOF PART A
PLAN**

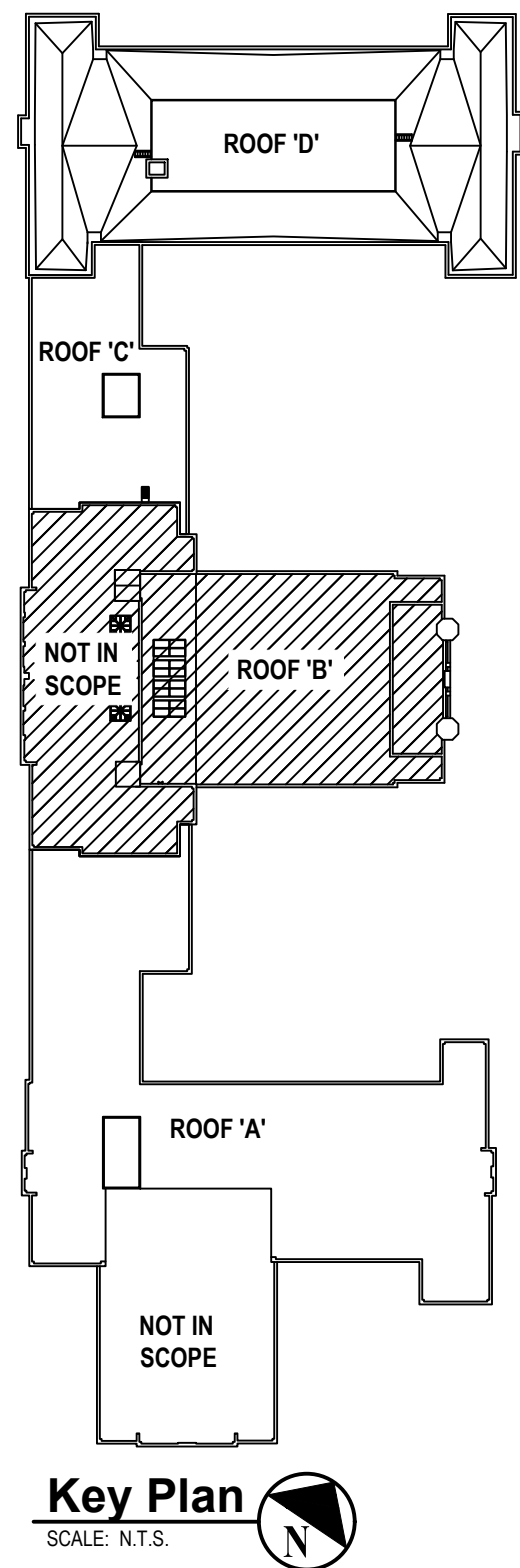
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M 140A.00

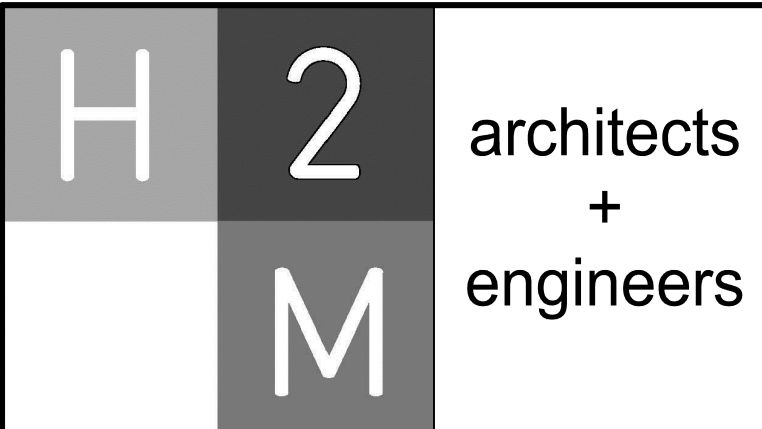
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1 Partial Roof Plan - Roof 'B'
SCALE: 1/8"=1'-0"



Key Plan
SCALE: N.T.S.



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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL

350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS

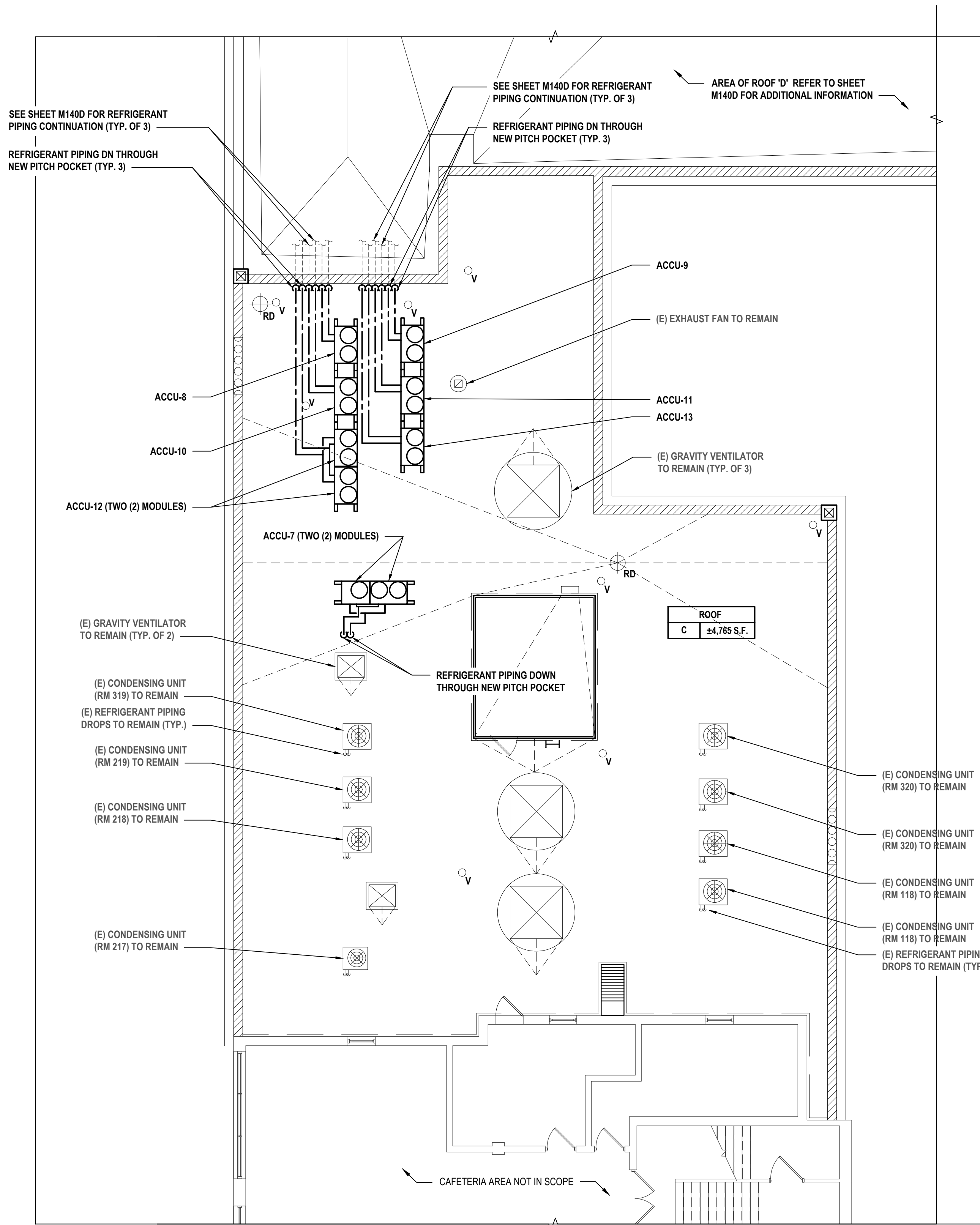
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SHEET TITLE

**MECHANICAL ROOF PART B
PLAN**

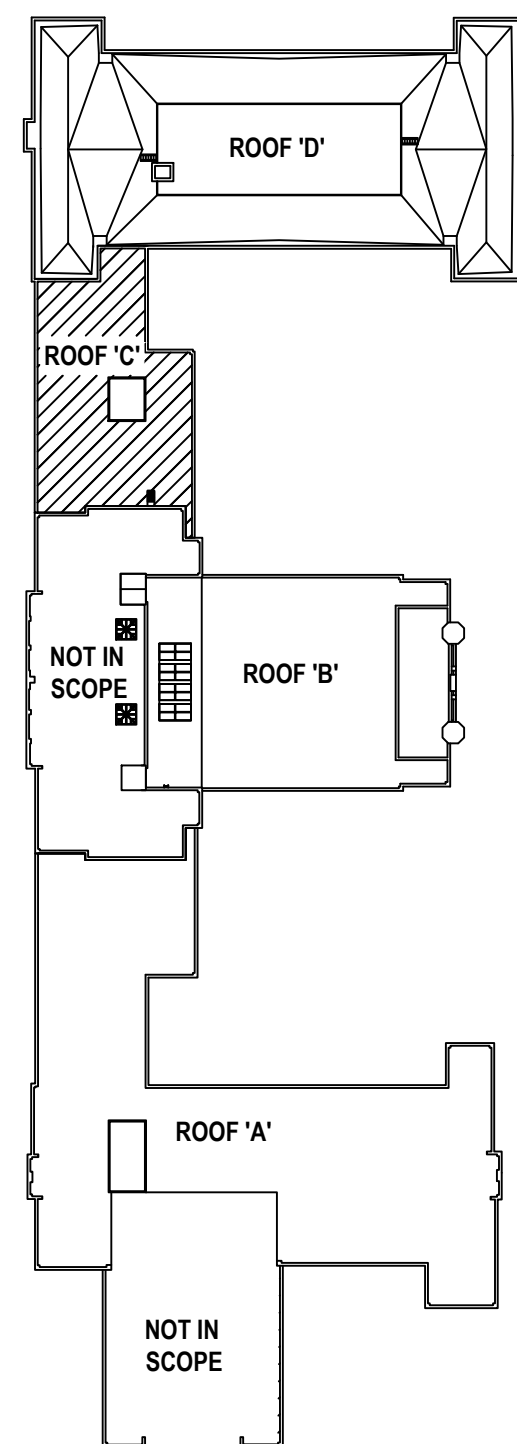
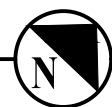
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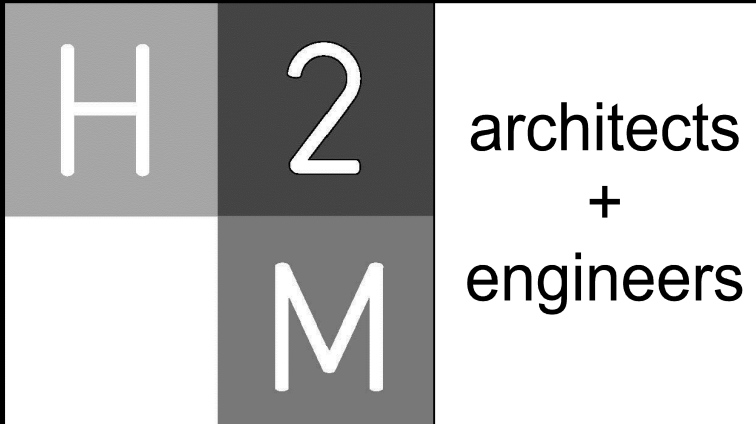
1 Partial Roof Plan - Roof 'C'

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



Key Plan

SCALE: N.T.S.



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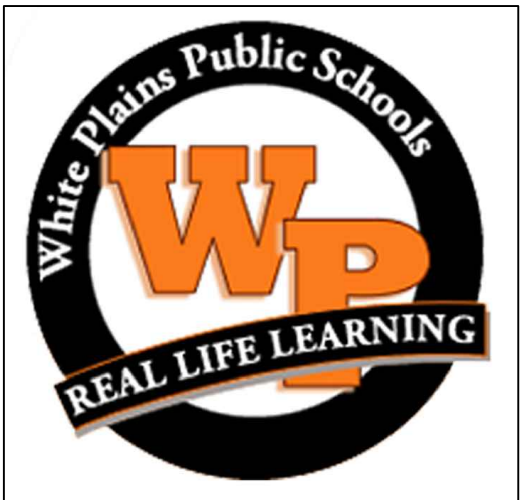
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PROJECT NO.: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



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CONTRACT
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SHEET TITLE
**MECHANICAL ROOF PART C
PLAN**

DRAWING No.
M 140C.00

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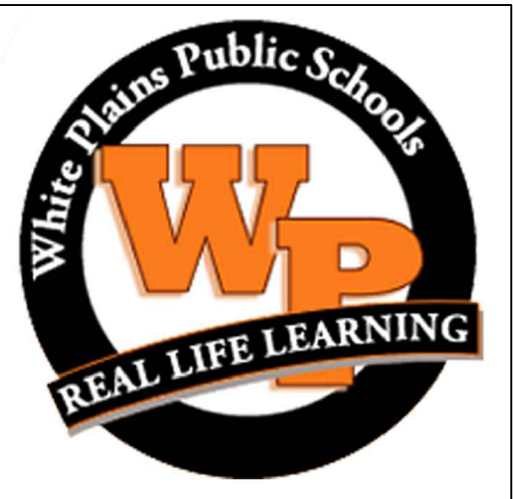
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WHITE PLAINS CITY
SCHOOL DISTRICT

UV REPLACEMENTS AT
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350 Main Street
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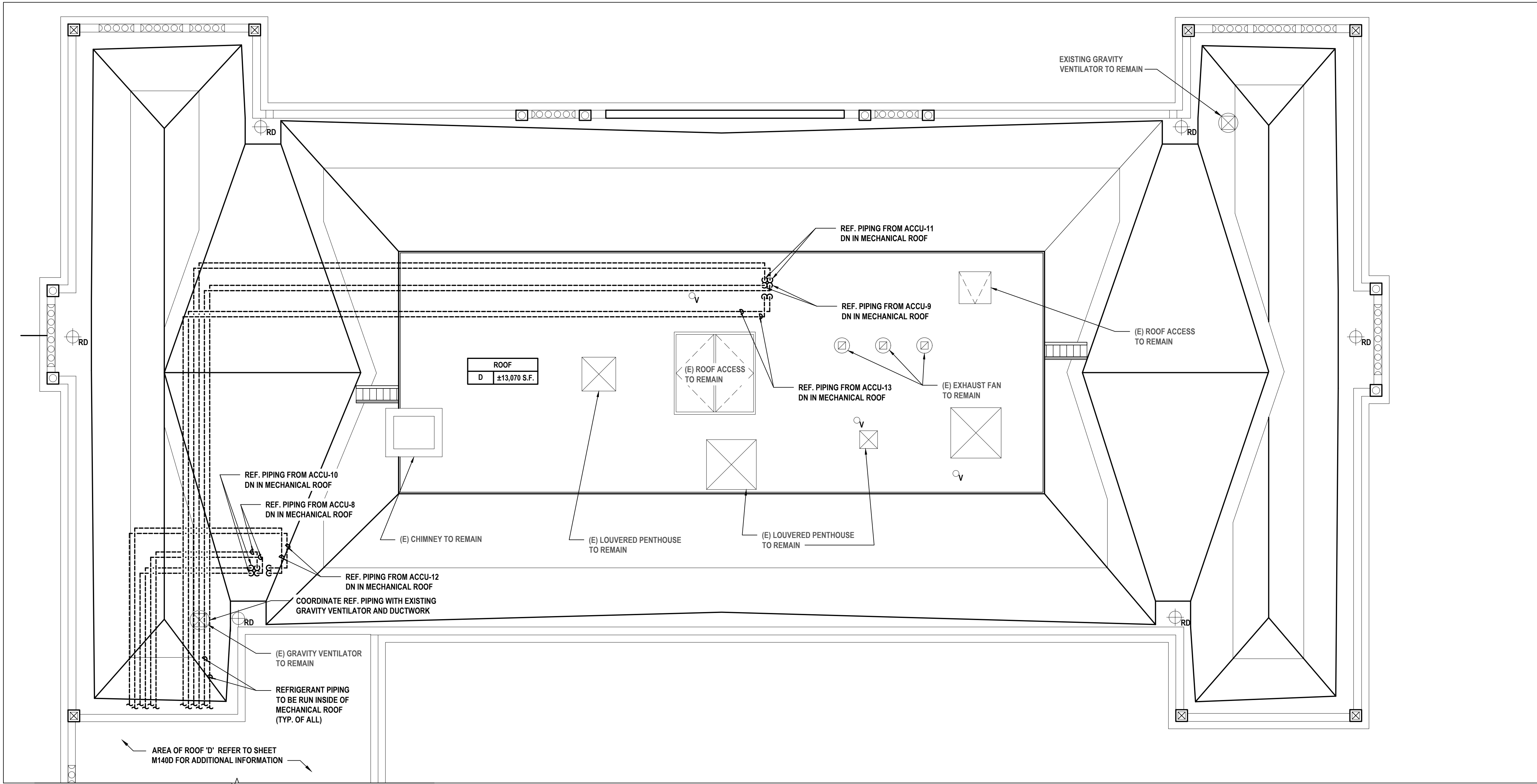
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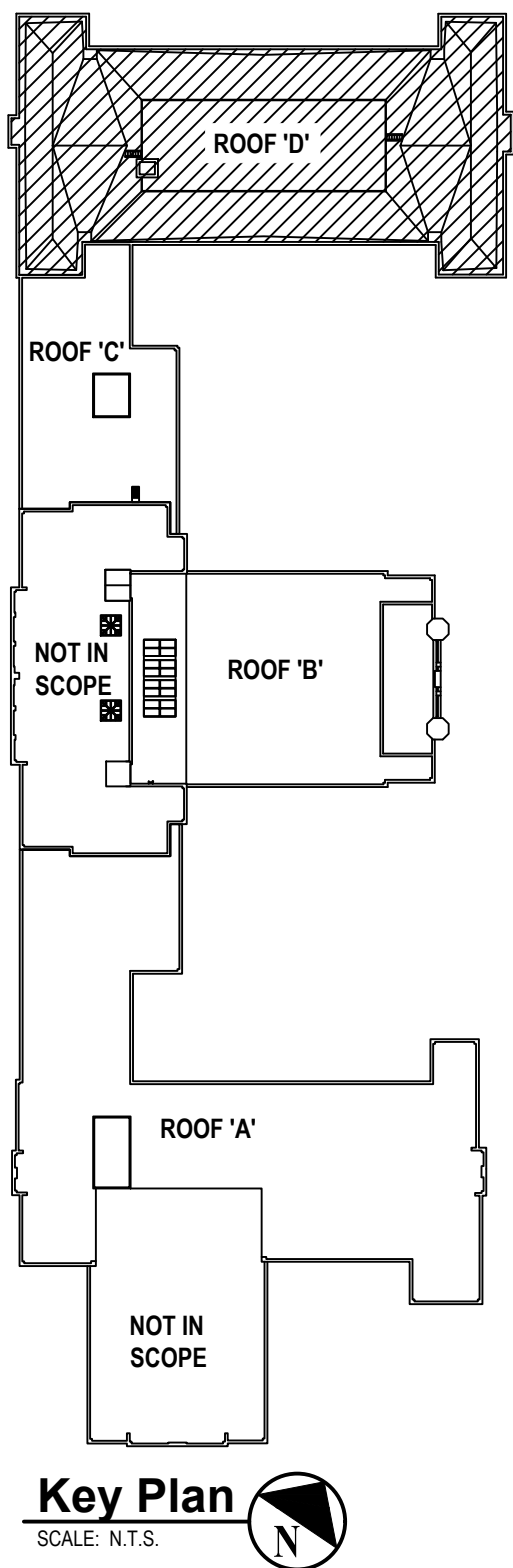
MECHANICAL ROOF PART D
PLAN

DRAWING No.

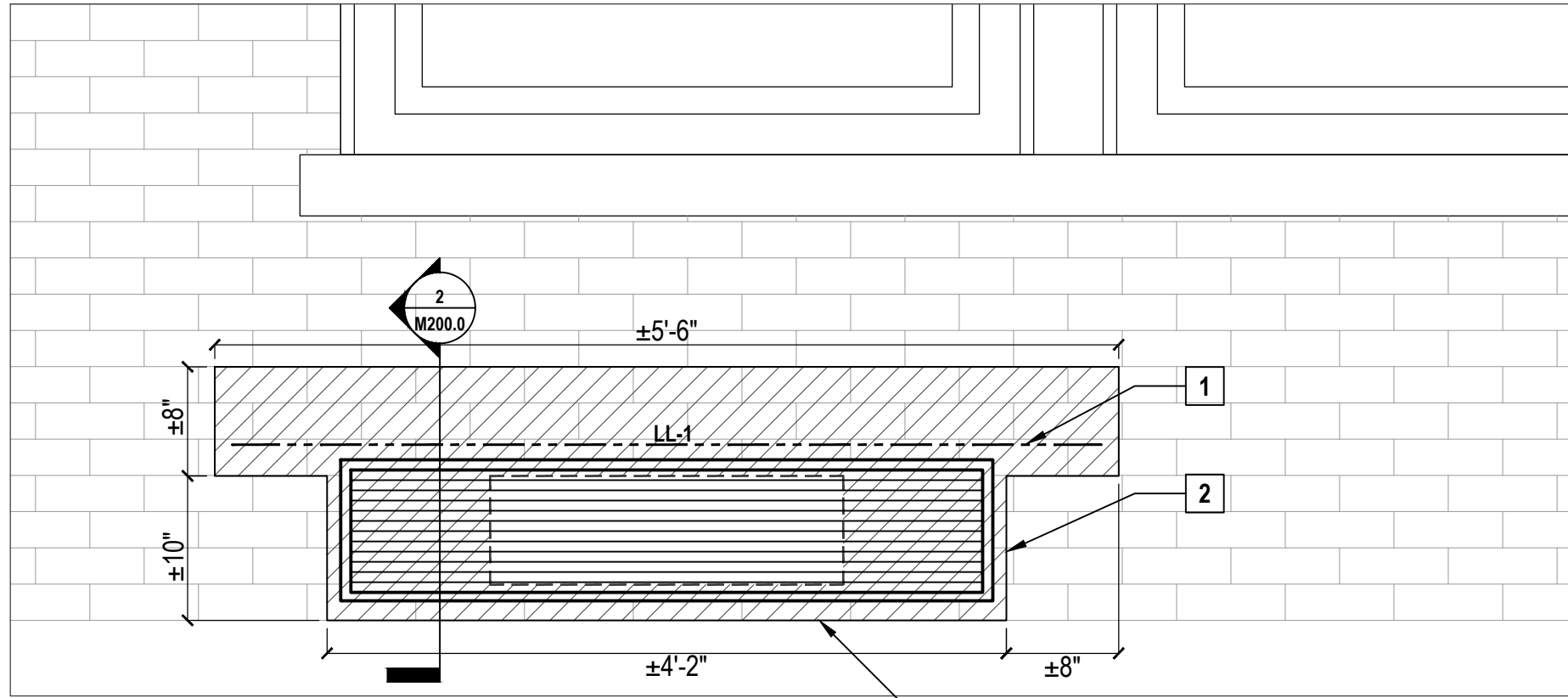
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1 Partial Roof Plan - Roof 'D'
SCALE: 1/8"=1'-0"

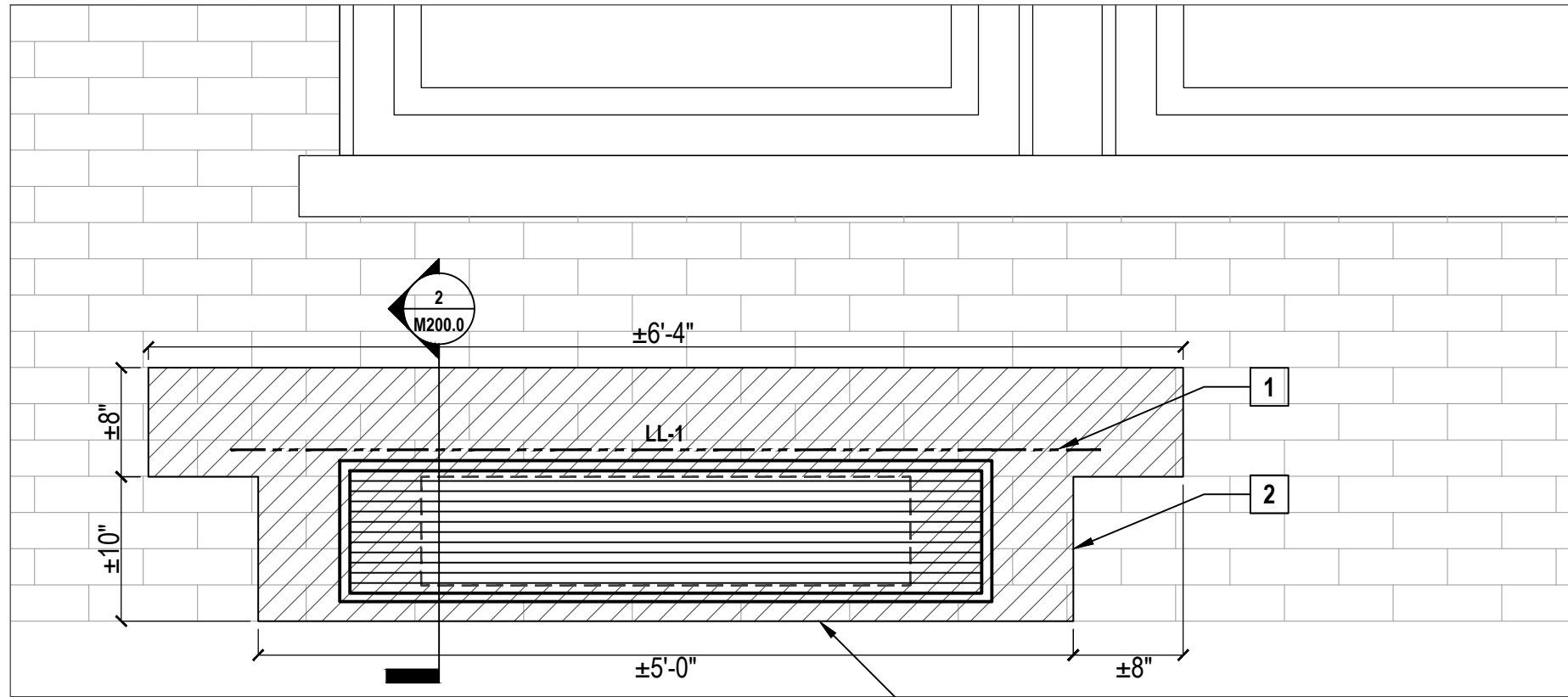


Key Plan
SCALE: N.T.S.



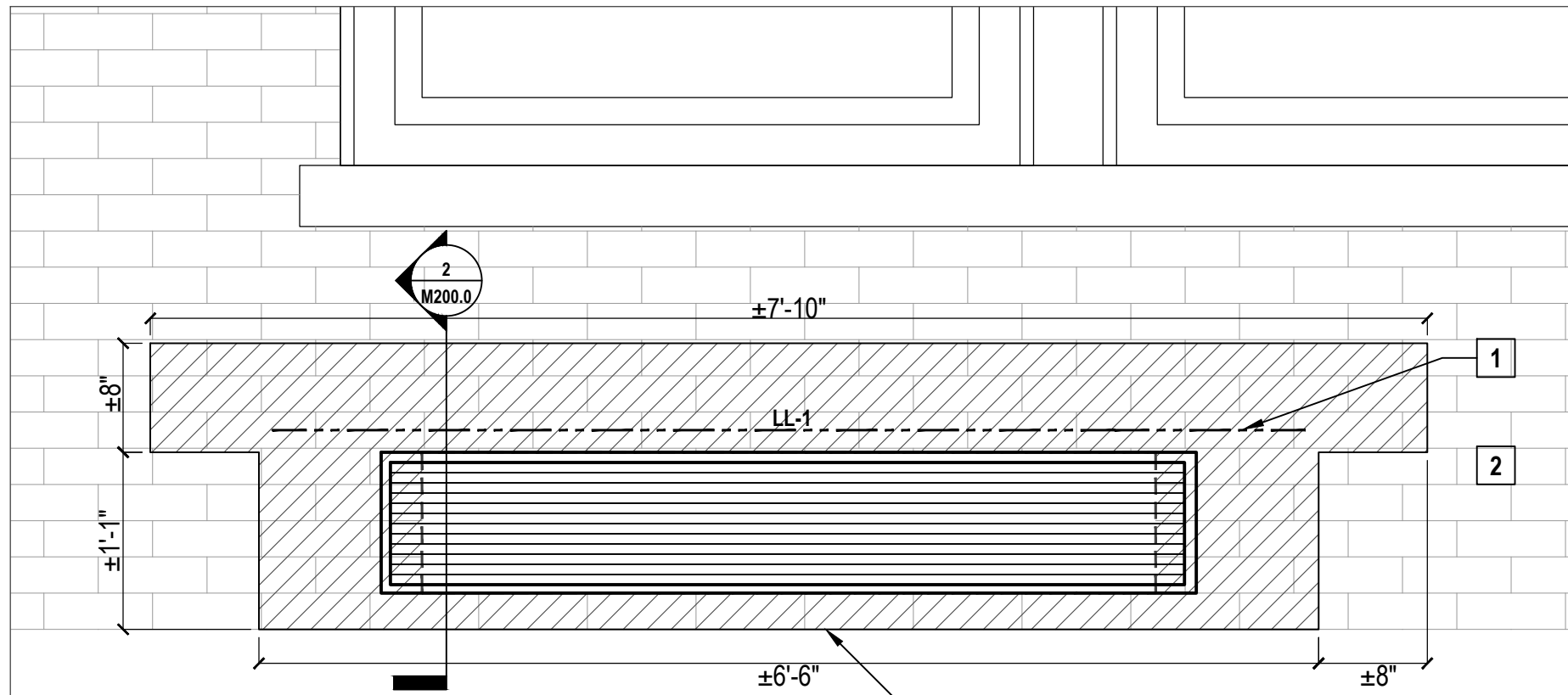
TYPE A

AREA OF DEMOLITION:
±8.0 sq. feet



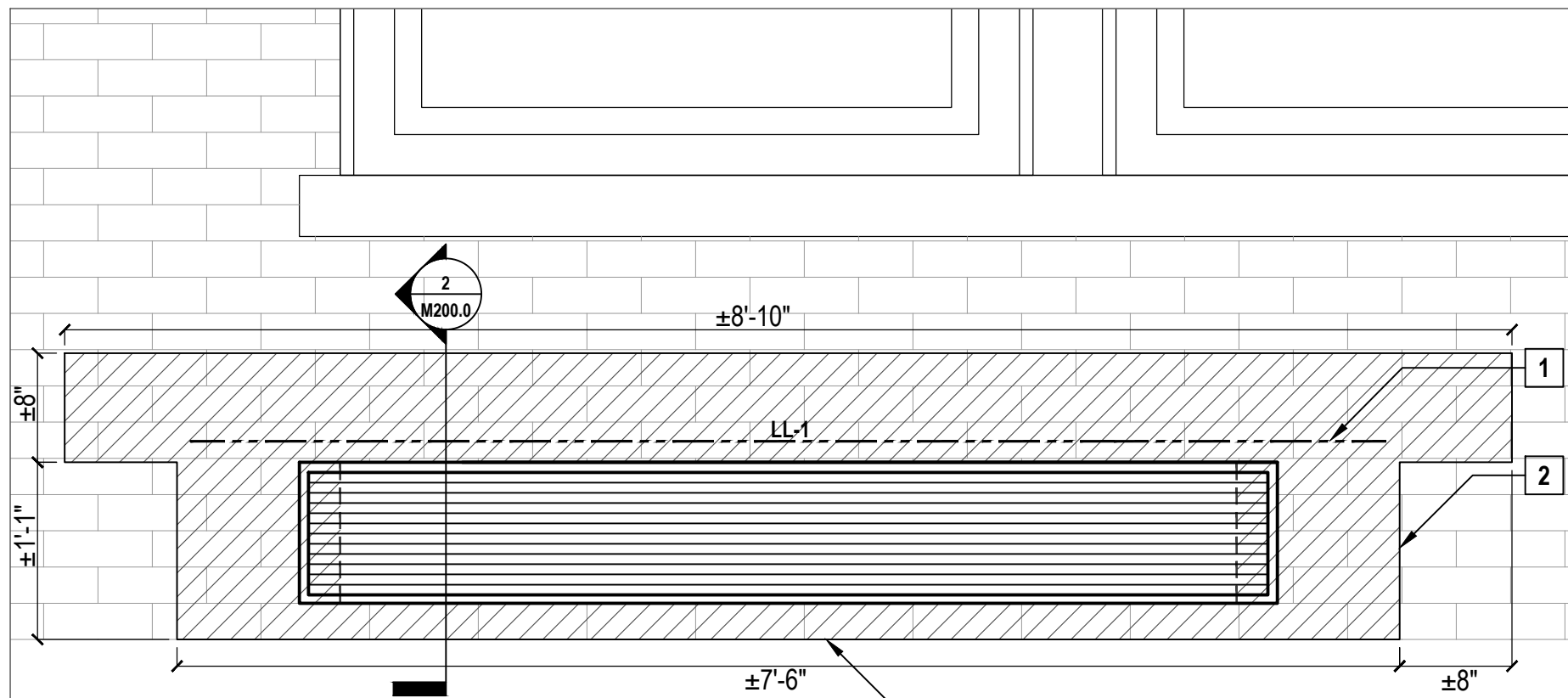
TYPE B

AREA OF DEMOLITION:
±9.0 sq. feet



TYPE C

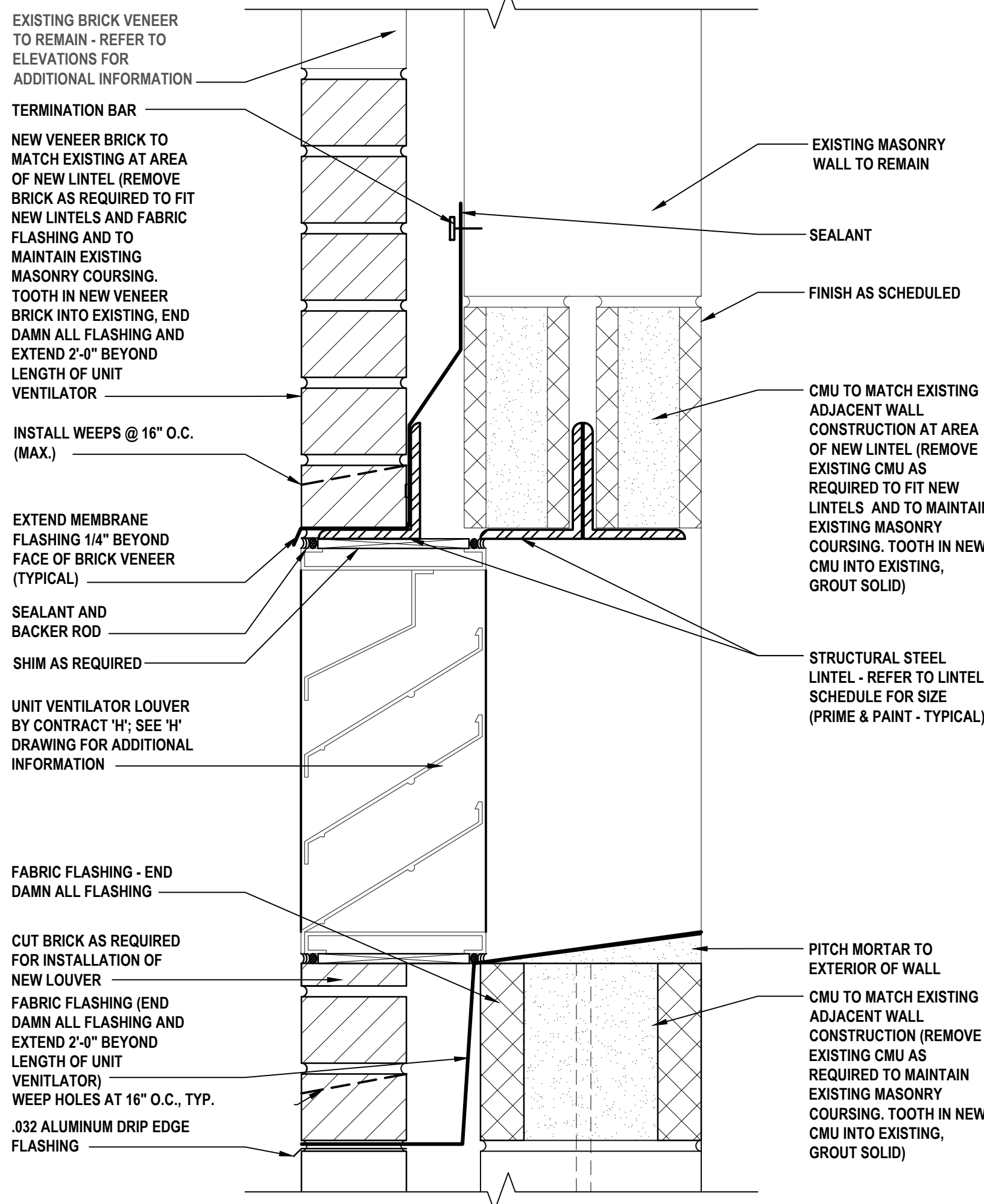
AREA OF DEMOLITION:
±13.0 sq. feet



TYPE D


AREA OF DEMOLITION:
±14.00 sq. feet


1 Existing and New Louver Elevations
SCALE: 1/4" = 1'-0"




2 Detail at Unit Ventilator Lintel
SCALE: 3/8" = 1'-0"

LEGEND

 BRICK TO BE DEMOLISHED

 EXISTING LOUVER TO BE DEMOLISHED

 LINTEL TO BE INSTALLED

KEY NOTES

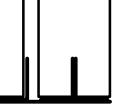
1

CONTRACTOR TO PROVIDE AND INSTALL NEW STEEL HOT DIPPED GALVANIZED LINTEL - REFER TO DETAIL 2 AND LINTEL SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

2

PROVIDE AND INSTALL NEW MASONRY WALL CONSTRUCTION THROUGHOUT AREA INDICATED. NEW MASONRY TO MATCH EXISTING COLOR, FINISH, COURSING AND PATTERN IN COMPLETELY FILLED BED, ENDS AND HEAD OF MORTAR JOINTS. REFER TO DETAIL 2 ON THIS SHEET FOR ADDITIONAL INFORMATION.

LINTEL SCHEDULE

MARK	SIZE	DETAIL	COMMENTS
LL-1	(2) L5 x 3 1/2 x 5/16", L4 X 3 1/2 x 5/16 W/PL 1/4" x 13 1/2" x M.O.		<ul style="list-style-type: none">USE FOR LINTELS UP TO 6'-6" MAX. IN LENGTHNOTES 1-7

LINTEL SCHEDULE NOTES

1.

LOOSE LINTELS SHALL REPLACE EXISTING AS INDICATED ON DRAWINGS. VERIFY SIZE OF EXISTING MASONRY OPENING IN FIELD PRIOR TO START OF FABRICATION OR INSTALLATION.

2.

LOOSE LINTEL LENGTHS TO BE M.O. ± 1'-4" (TO PROVIDE MIN. 8" BEARING AT EACH END).

3.

LINTELS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION, PREPARE, PRIME AND PAINT.

4.

DOUBLE ANGLE SECTIONS LOCATED DIRECTLY BELOW 8" CMU SHALL BE WELDED TOGETHER BACK-BACK.

5.

WELD VERTICAL REINFORCEMENT INTERRUPTED BY MASONRY OPENING TO TOP OF THE STEEL LINTELS, TYPICAL.

6.

SEE FLOOR PLAN AND ELEVATIONS FOR MASONRY LAYOUT AND LOCATIONS OF LINTELS.

7.


SCRAPE, PREPARE, PRIME & PAINT ALL EXISTING EXPOSED SURFACES OF ALL LOOSE LINTELS.

ROOM #	TYPE	LOUVER SCHEDULE		QUANTITY
		EXISTING	NEW	
110	D	66"x10 3/8"	72"x 10 3/8"	1
111	D	66"x10 3/8"	72"x 10 3/8"	1
119	A	36"x8"	36"x10 3/8"	1
121	B	36"x8"	48" x 10 3/8"	1
203	C	36"x8"	60"x10 3/8"	1
204	B	26"x8"	48"x 10 3/8"	1
205	C	54"x10 3/8"	60"x10 3/8"	1
207	C	54"x10 3/8"	60"x10 3/8"	1
206	B	26"x8"	48" x 10 3/8"	1
211	D	66"x10 3/8"	72"x 10 3/8"	1
212	A	26"x8"	36"x10 3/8"	1
213	B	26"x8"	48" x 10 3/8"	1
214	A	26"x8"	36"x10 3/8"	1
220	C	36"x8"	60"x10 3/8"	1
222	C	36"x8"	60"x10 3/8"	1
301	C	54"x10 3/8"	60"x10 3/8"	1
302	C	54"x10 3/8"	60"x10 3/8"	1
304	C	54"x10 3/8"	60"x10 3/8"	1
306	C	54"x10 3/8"	60"x10 3/8"	1
312	D	66"x10 3/8"	72"x 10 3/8"	1
317	C	54"x10 3/8"	60"x10 3/8"	1
318	C	54"x10 3/8"	60"x10 3/8"	1
321	C	54"x10 3/8"	60"x10 3/8"	1
322	C	54"x10 3/8"	60"x10 3/8"	1

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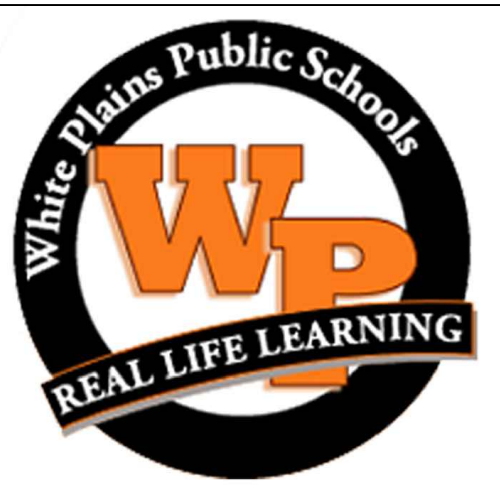
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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL



350 Main Street
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**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

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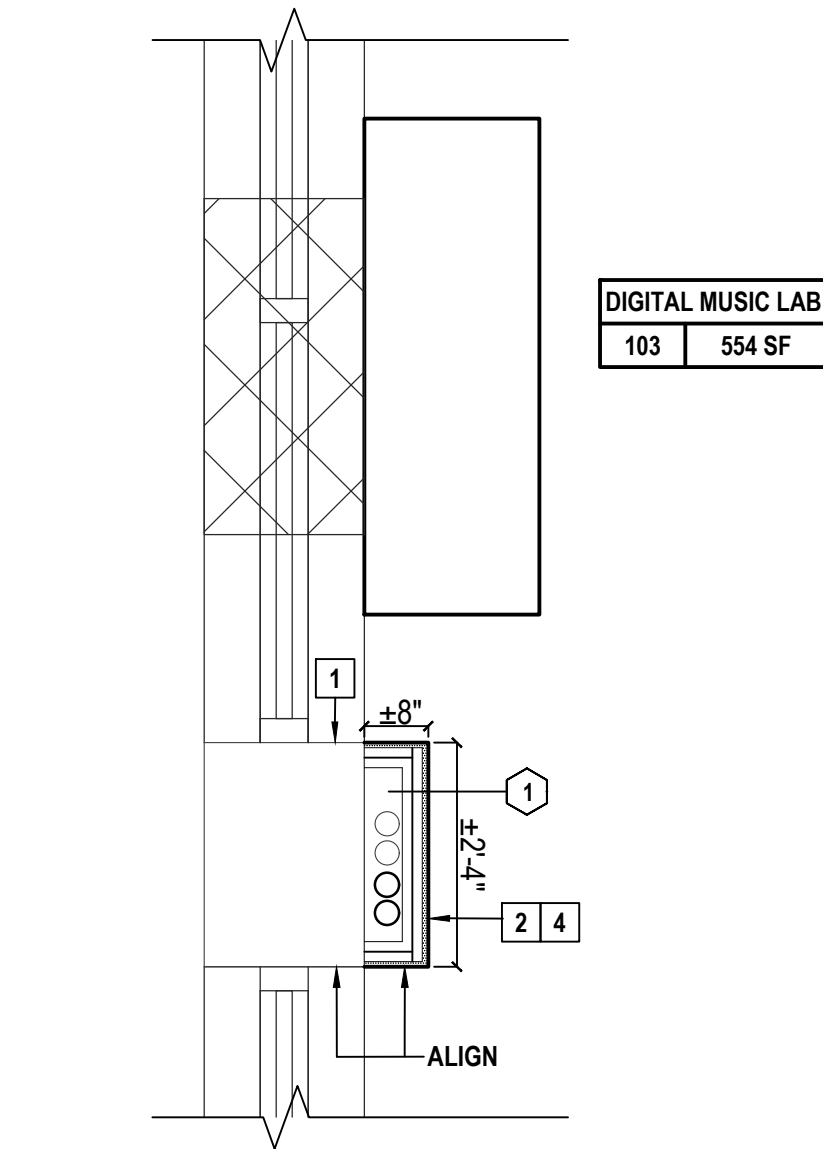
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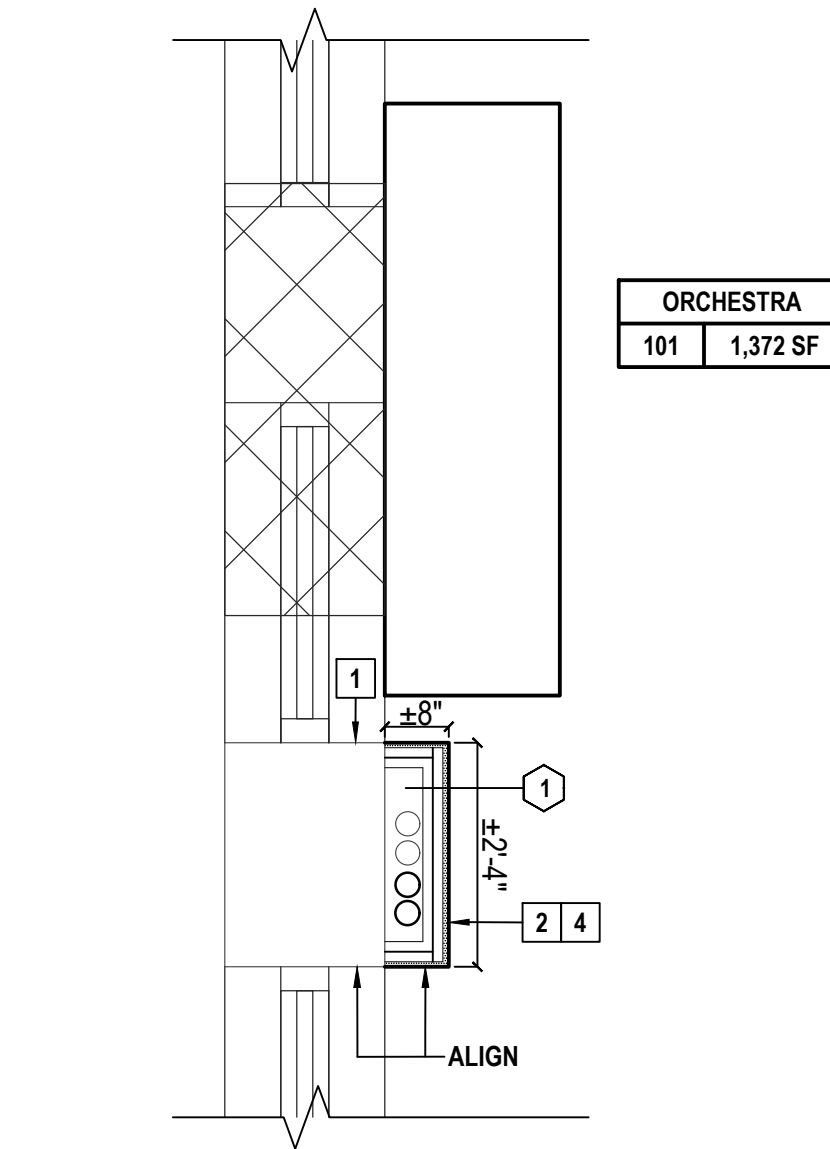
**ENLARGED
ELEVATIONS, SCHEDULES
AND DETAILS**

DRAWING No.

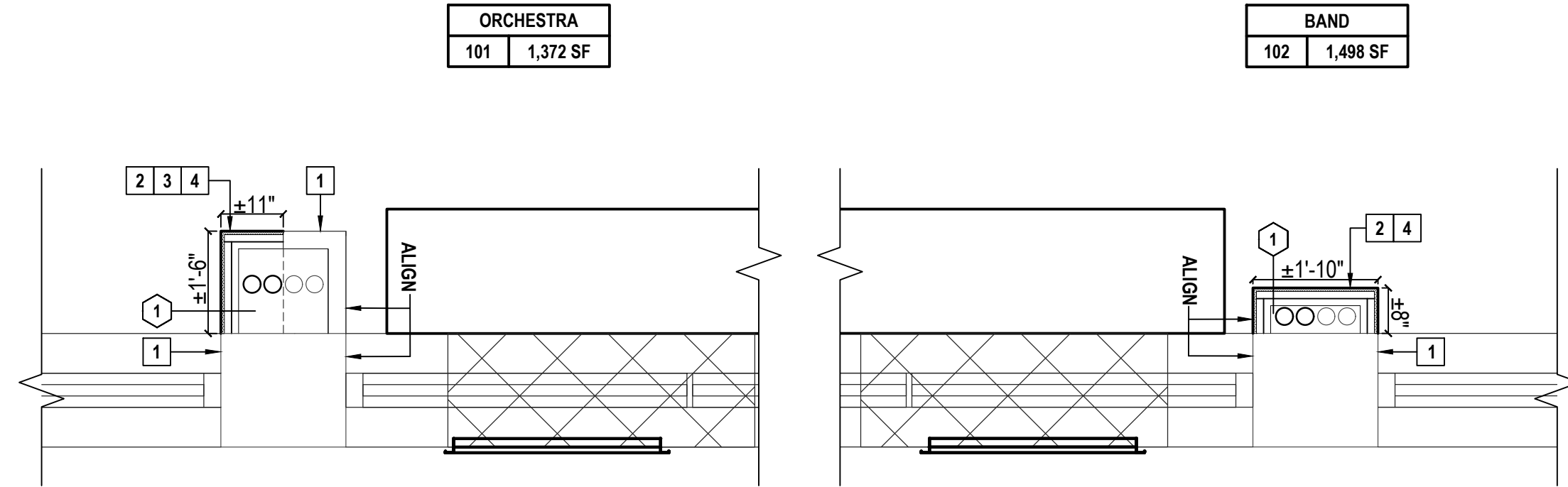
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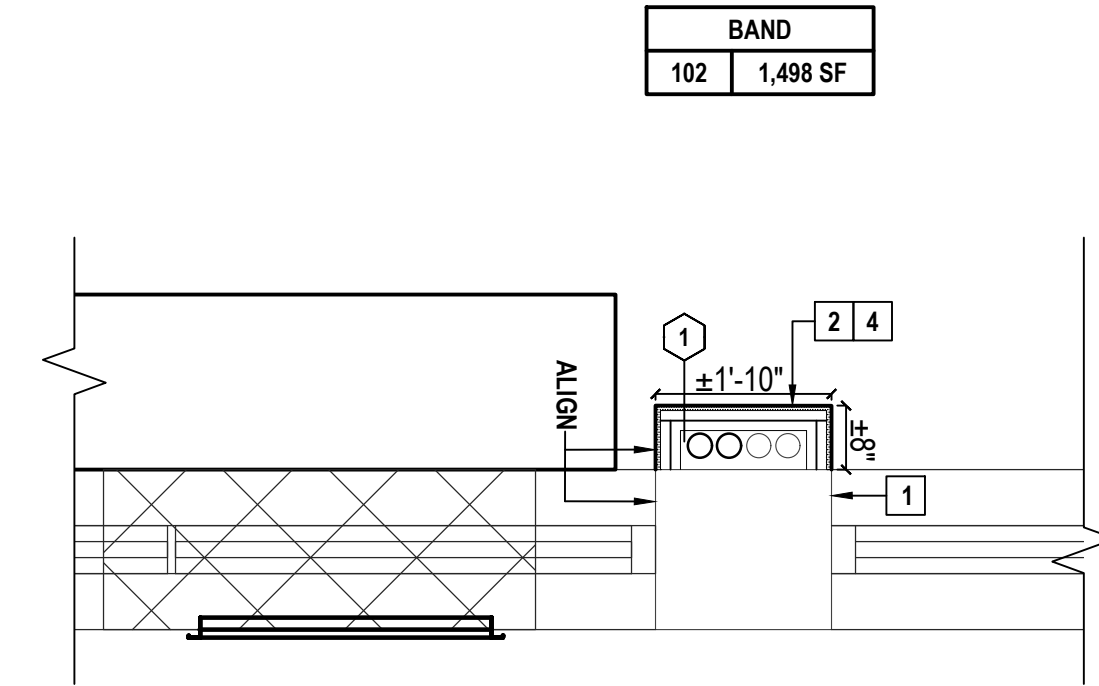
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SCALE: 1/2"=1'-0"



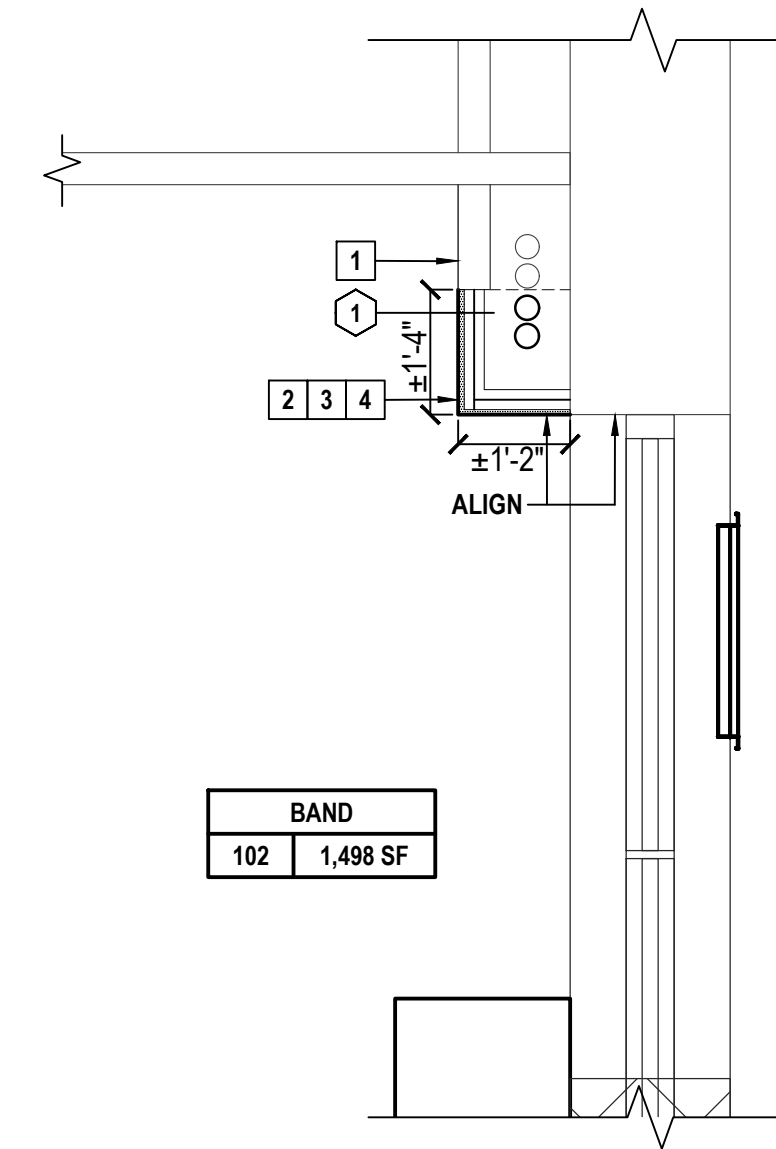
2 Partial First Floor Plan
SCALE: 1/2"=1'-0"



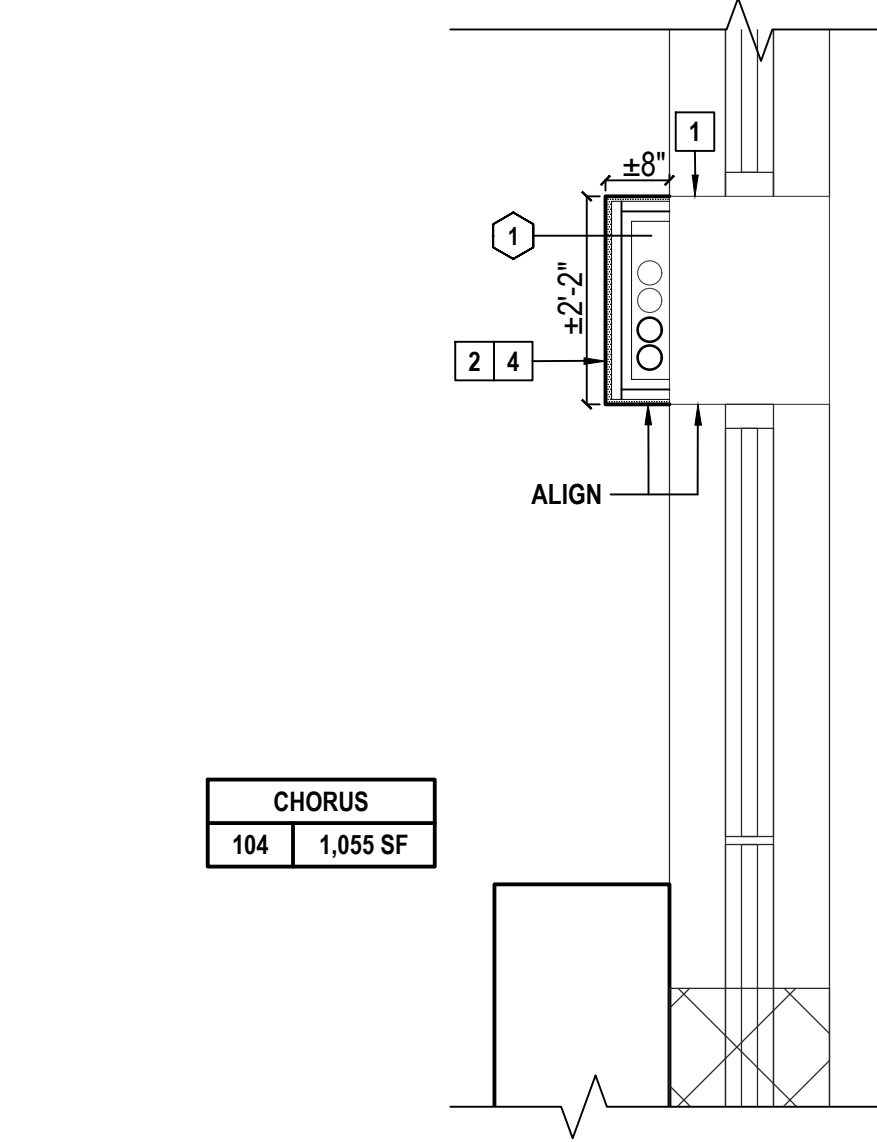
3 Partial First Floor Plan
SCALE: 1/2"=1'-0"



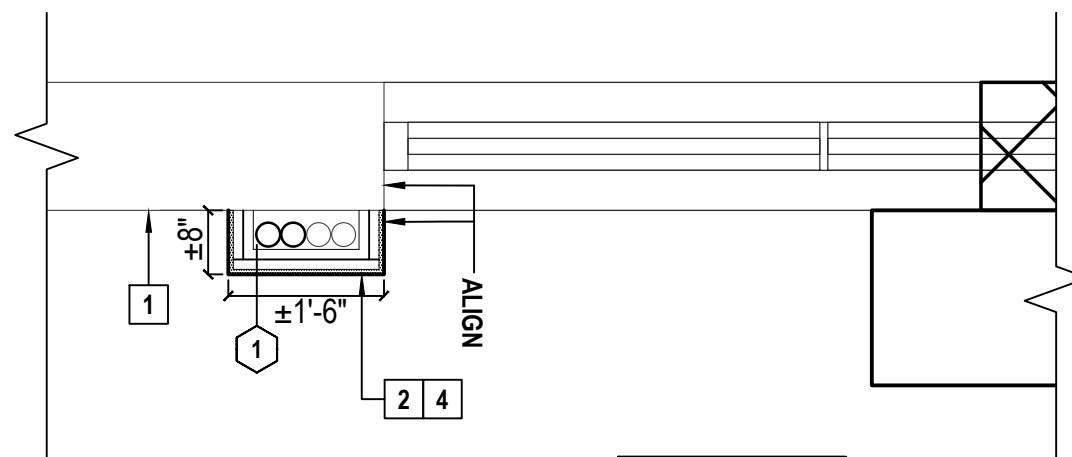
4 Partial First Floor Plan
SCALE: 1/2"=1'-0"



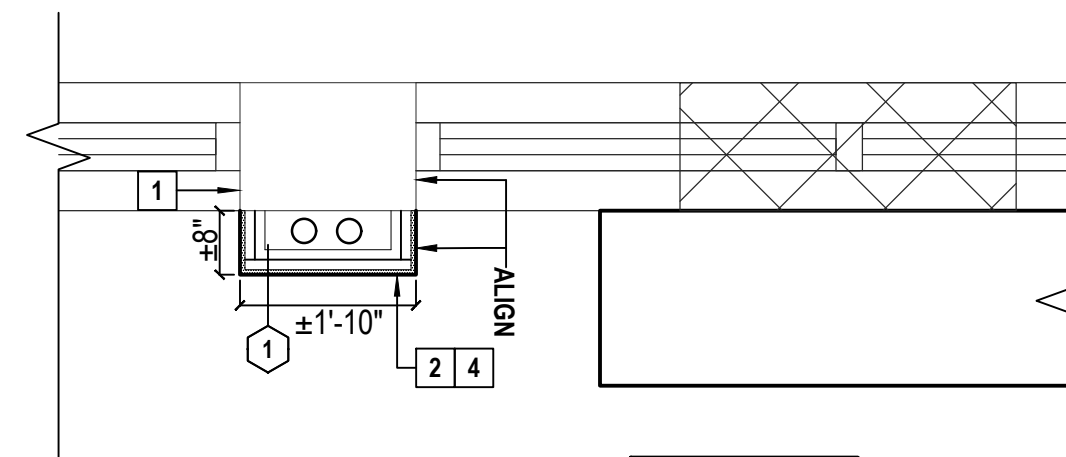
5 Partial First Floor Plan
SCALE: 1/2"=1'-0"



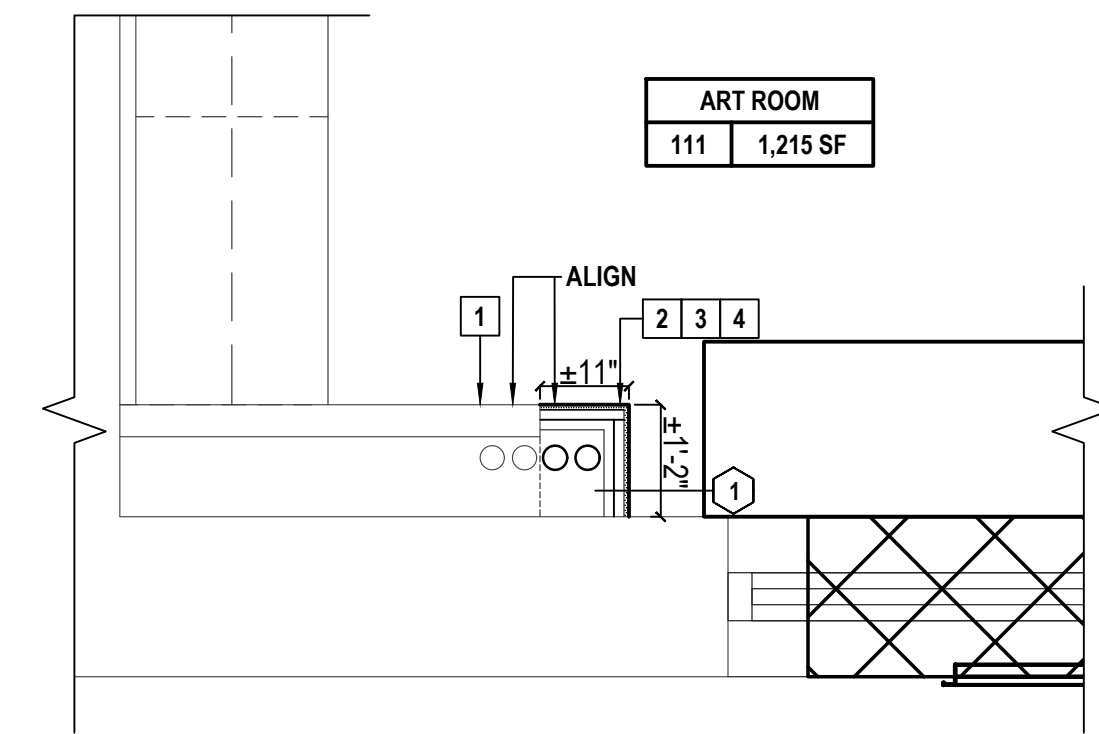
6 Partial First Floor Plan
SCALE: 1/2"=1'-0"



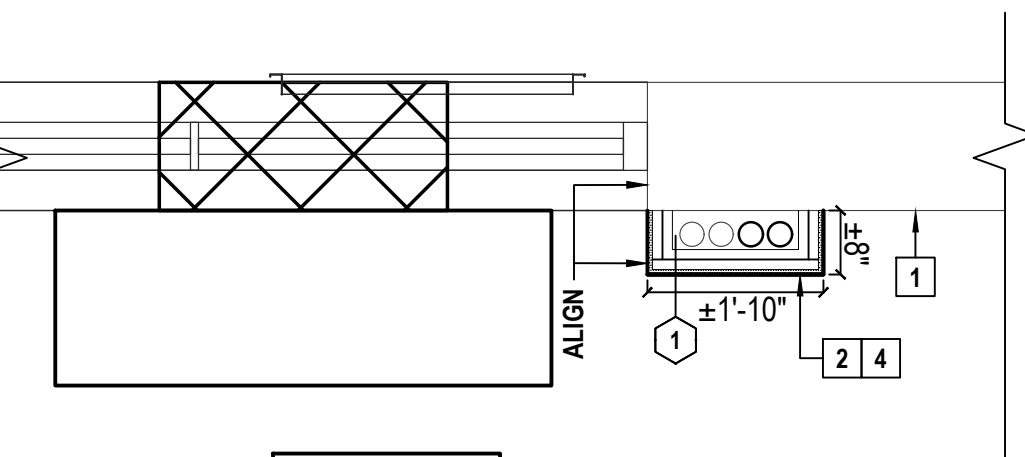
7 Partial First Floor Plan
SCALE: 1/2"=1'-0"



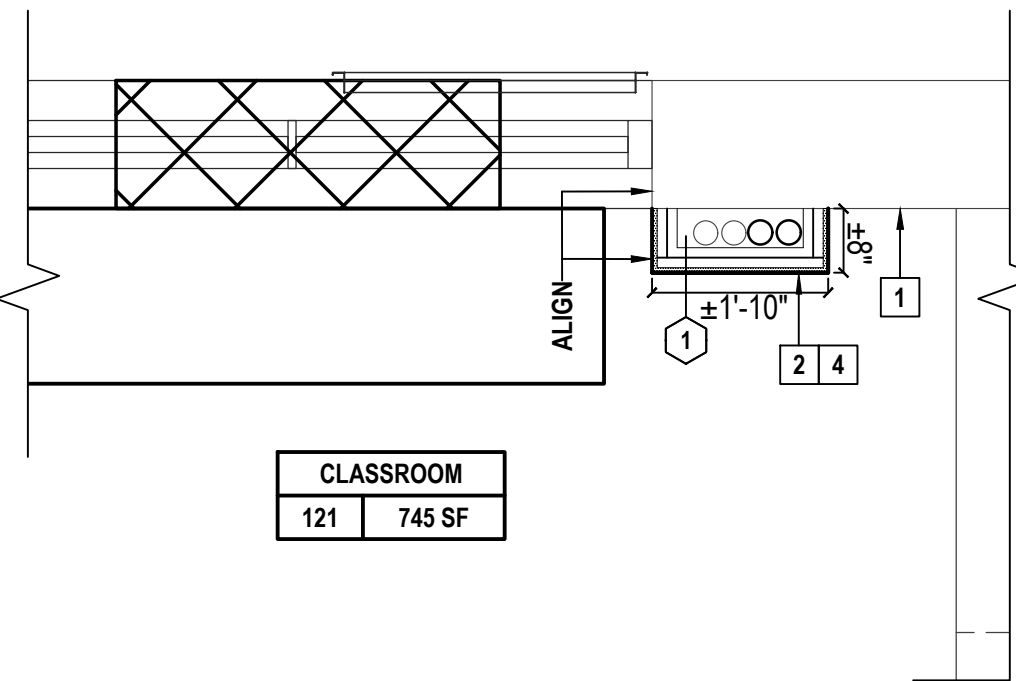
8 Partial First Floor Plan
SCALE: 1/2"=1'-0"



9 Partial First Floor Plan
SCALE: 1/2"=1'-0"



10 Partial First Floor Plan
SCALE: 1/2"=1'-0"



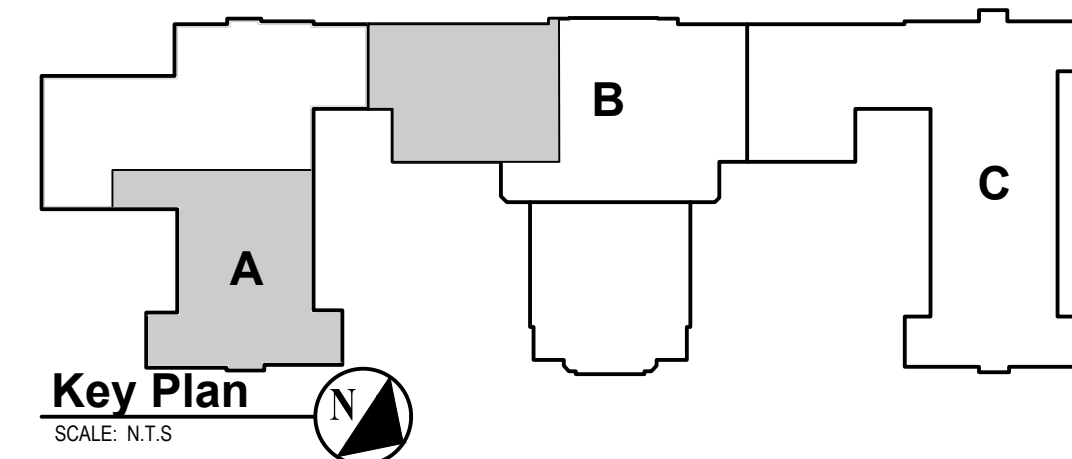
11 Partial First Floor Plan
SCALE: 1/2"=1'-0"

GENERAL NOTES:

- ALL DEMOLITION WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL AND NEW YORK STATE APPLICABLE BUILDING AND LIFE AND SAFETY REGULATIONS.
- THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE EXISTING BUILDING WHERE NEW WORK IS TO BE COMPLETED FROM DUST, WEATHER INCLEMENCY AND FREEZING. PROVIDE DUST FREE BARRIER PARTITIONS DURING DEMOLITION TO PREVENT DEBRIS FROM ENTERING NON-WORK AREAS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STRUCTURE OR BUILDING CONTENTS.
- THE CONTRACTOR 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.
- THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ADJOINING SURFACES AND FINISHES DURING DEMOLITION. THE CONTRACTOR SHALL PATCH AND REPAIR ALL ADJACENT SURFACES DAMAGED DURING DEMOLITION. CONTRACTOR SHALL MATCH ALL ADJACENT FINISHES.
- OVER-DEMOLITION SHALL BE ALLOWED PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, STRUCTURAL INTEGRITY AND APPEARANCE OF THOSE WHICH WERE REMOVED AND IN CONFORMANCE WITH CONTRACT DOCUMENTS AND AT NO ADDITIONAL COST TO THE OWNER. REMOVE ALL ITEMS THAT WILL BE ABANDONED AS A RESULT OF THE WORK BEING PERFORMED.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES OF ALL ITEMS PRIOR TO BID.
- COORDINATE THE WORK OF THE DEMOLITION DRAWING WITH ALL CONSTRUCTION DRAWINGS AND DOCUMENTS.
- THIS DRAWING IS A GENERAL LIST OF DEMOLITION ITEMS AND IS NOT EVERY ITEM REQUIRED FOR DEMOLITION. CONTRACTOR SHALL PROVIDE ALL DEMOLITION REQUIRED TO PERFORM ALL WORK INDICATED WITHIN THE PROJECT DRAWINGS AND SPECIFICATIONS AND TO PREPARE ALL AREAS FOR THE CONSTRUCTION WORK.

KEY NOTES:

- EXISTING WALL FINISHES SHALL REMAIN IN PLACE U.N.O.. THE CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, FLOORING AND CEILINGS IN AREA OF WORK TO MATCH ADJACENT FINISHES AND PREPARE NEW CONSTRUCTION.
 - EXISTING FLOORING SHALL REMAIN IN PLACE U.N.O.. EXISTING WALL BASE SHALL BE REMOVED AND LEGALLY DISPOSED OF. PATCH AND PREPARE EXISTING SURFACES FOR NEW CONSTRUCTION AND FINISHES.
 - SAWCUT, REMOVE, AND DISPOSE OF EXISTING WALL CONSTRUCTION IN ITS ENTIRETY. PREPARE EXISTING FLOOR, WALL AND CEILINGS 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.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL 3/4" IMPACT RESISTANT GYPSUM WALL BOARD ON 3-5/8" GALVANIZED METAL STUD FRAMING @ 16" O.C. TO UNDERSIDE OF DECK PER PARTITION TYPE 1 ON THIS SHEET. THE CONTRACTOR SHALL ALIGN AND PREPARE NEW AND EXISTING WALL TO PLUMB AS REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF NEW TILE AND FINISHES.
- NOTES:
- CONTRACTOR SHALL COORDINATE WITH 'E' DRAWINGS REGARDING INSTALLATION OF NEW ITEMS THROUGHOUT SPACE.
 - CONTRACTOR SHALL PATCH AND PREPARE EXISTING AND NEW SLAB/FLOORING, WALL AND CEILING OPENINGS.
 - SEE M400.00 FOR DETAILS



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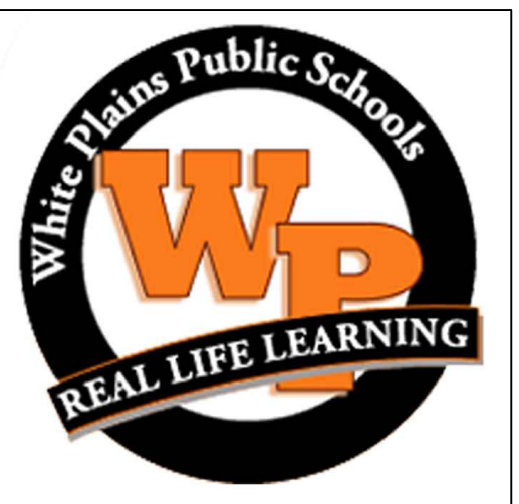
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-	02-03-2023	FINAL BID DOCUMENT



DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
CWP	RLB/LGS	CWP	
PROJECT NO:	DATE:	SCALE:	
WPSD2114	FEBRUARY 2023	AS SHOWN	

WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING

STATUS

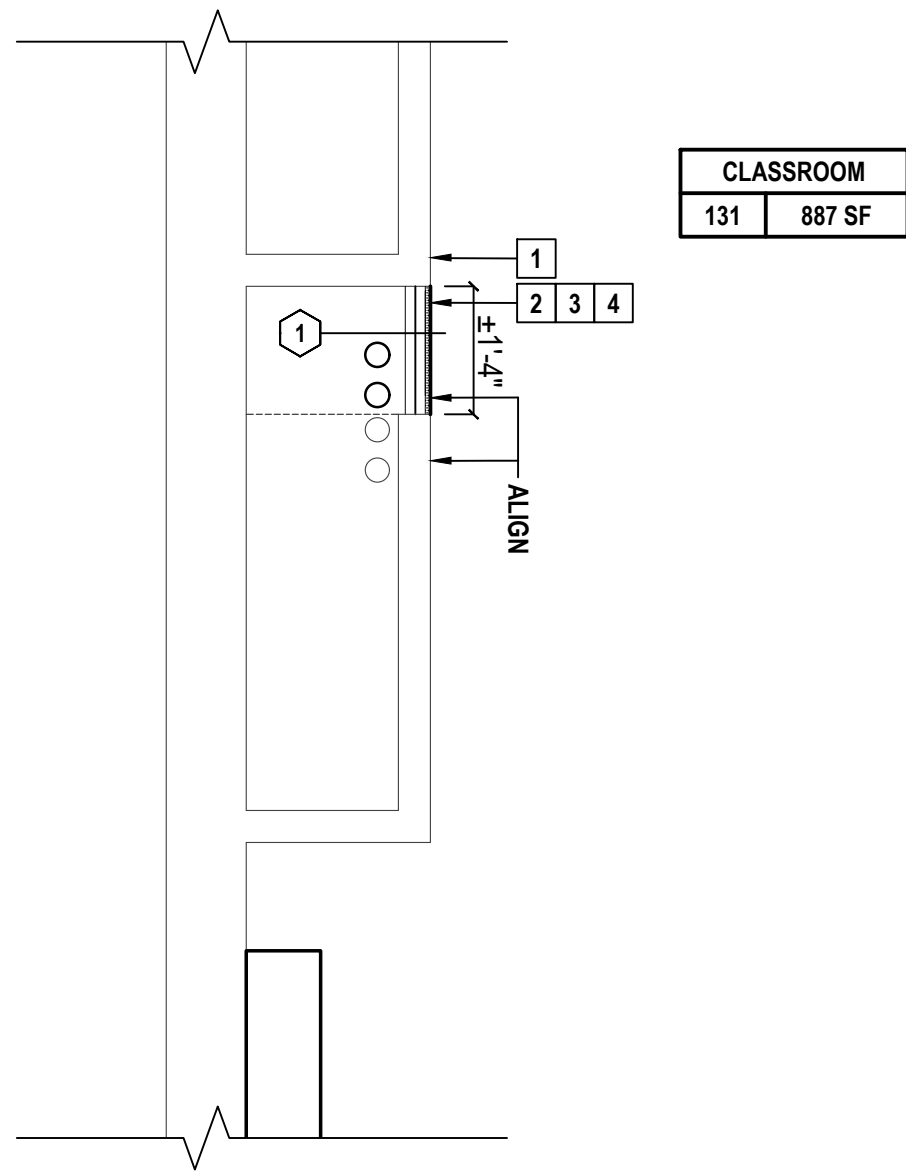
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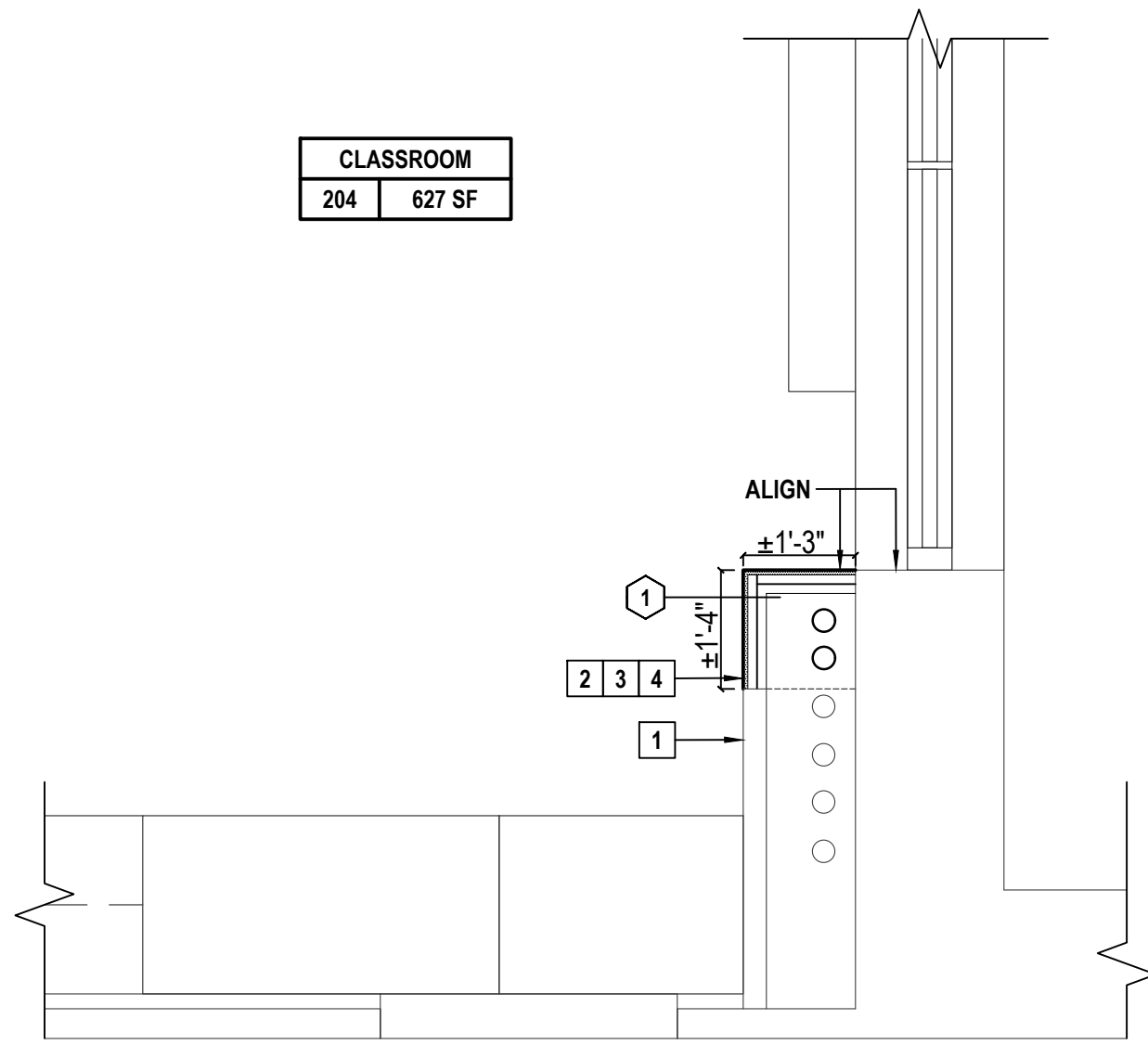
ARCHITECTURAL ENLARGED
PLANS AND DETAILS

DRAWING NO.

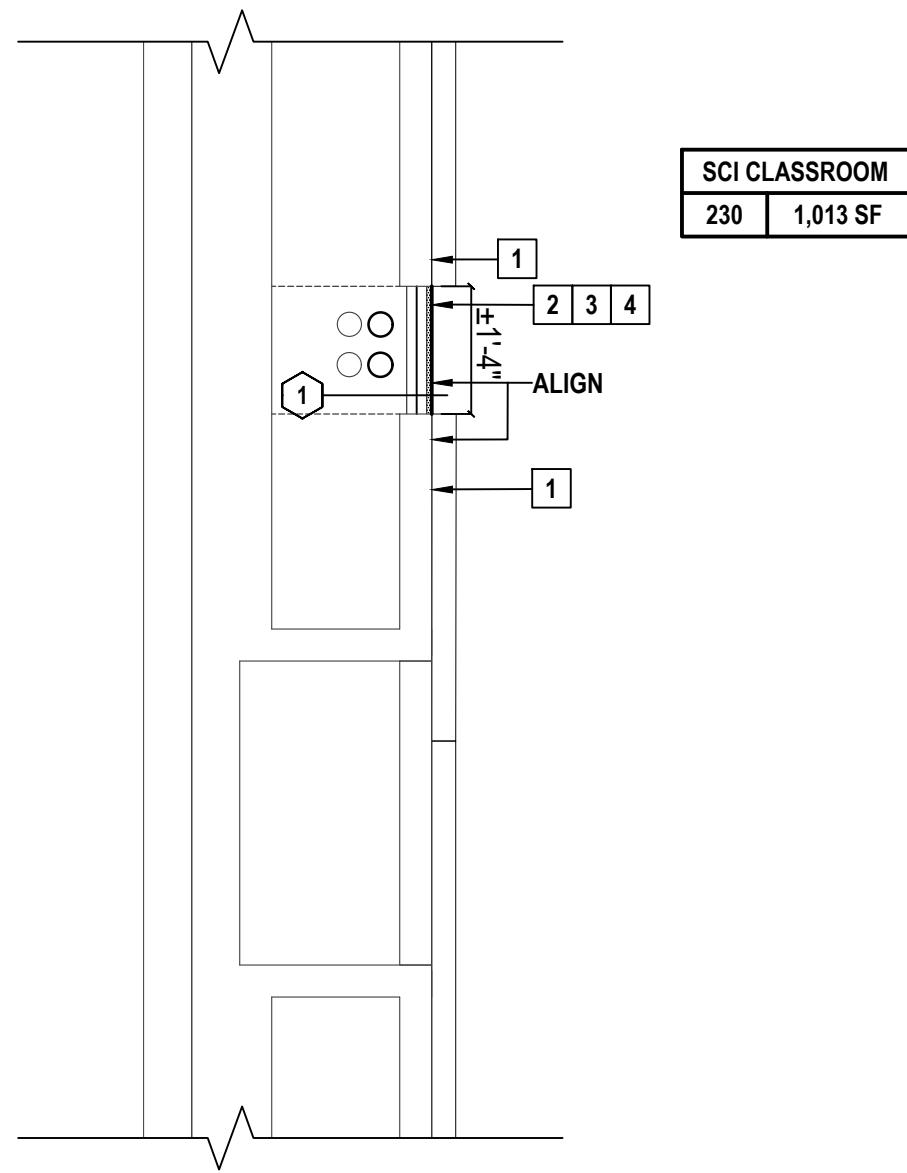
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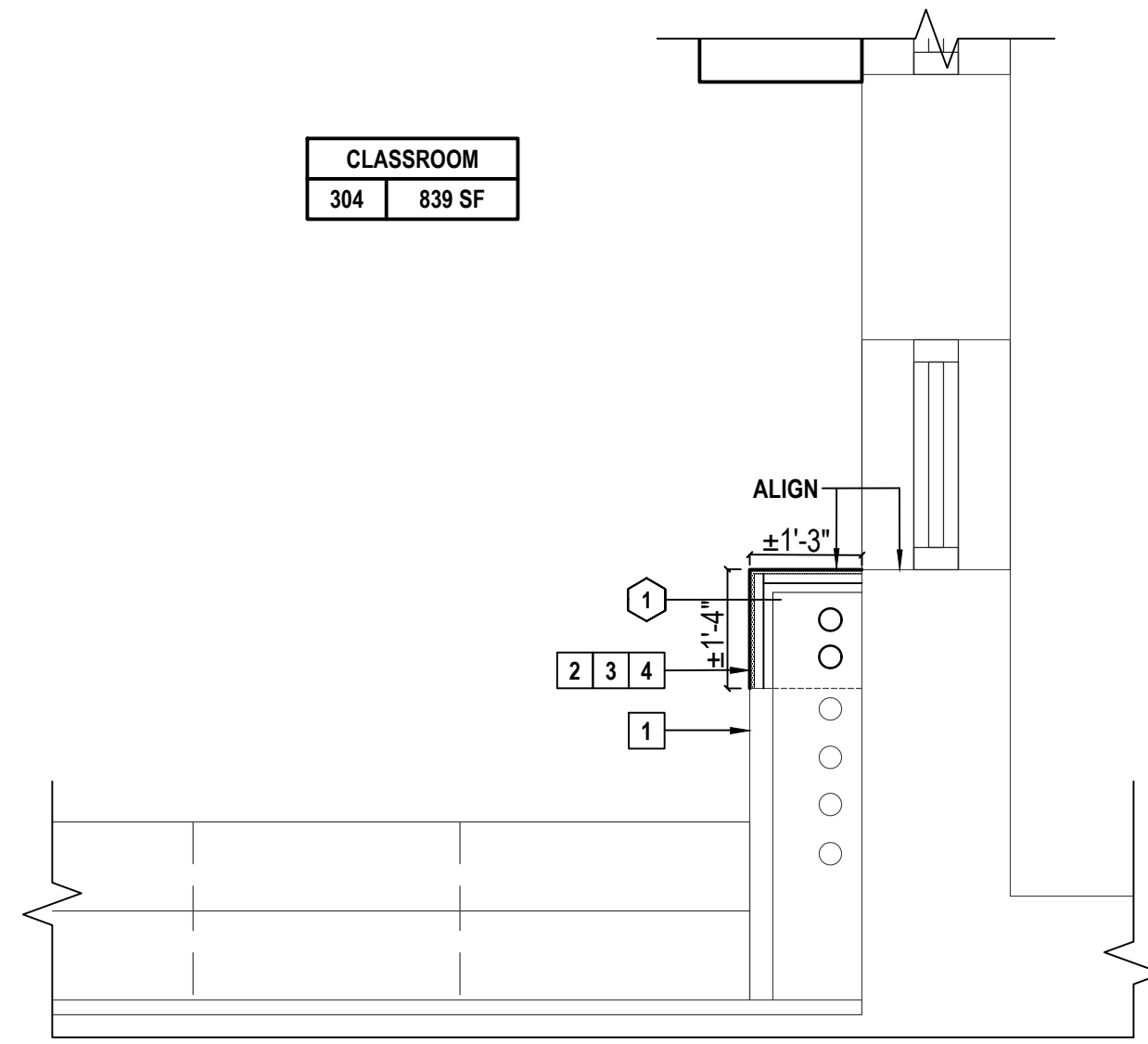
1 Partial First Floor Plan
SCALE: 1/2"=1'-0"



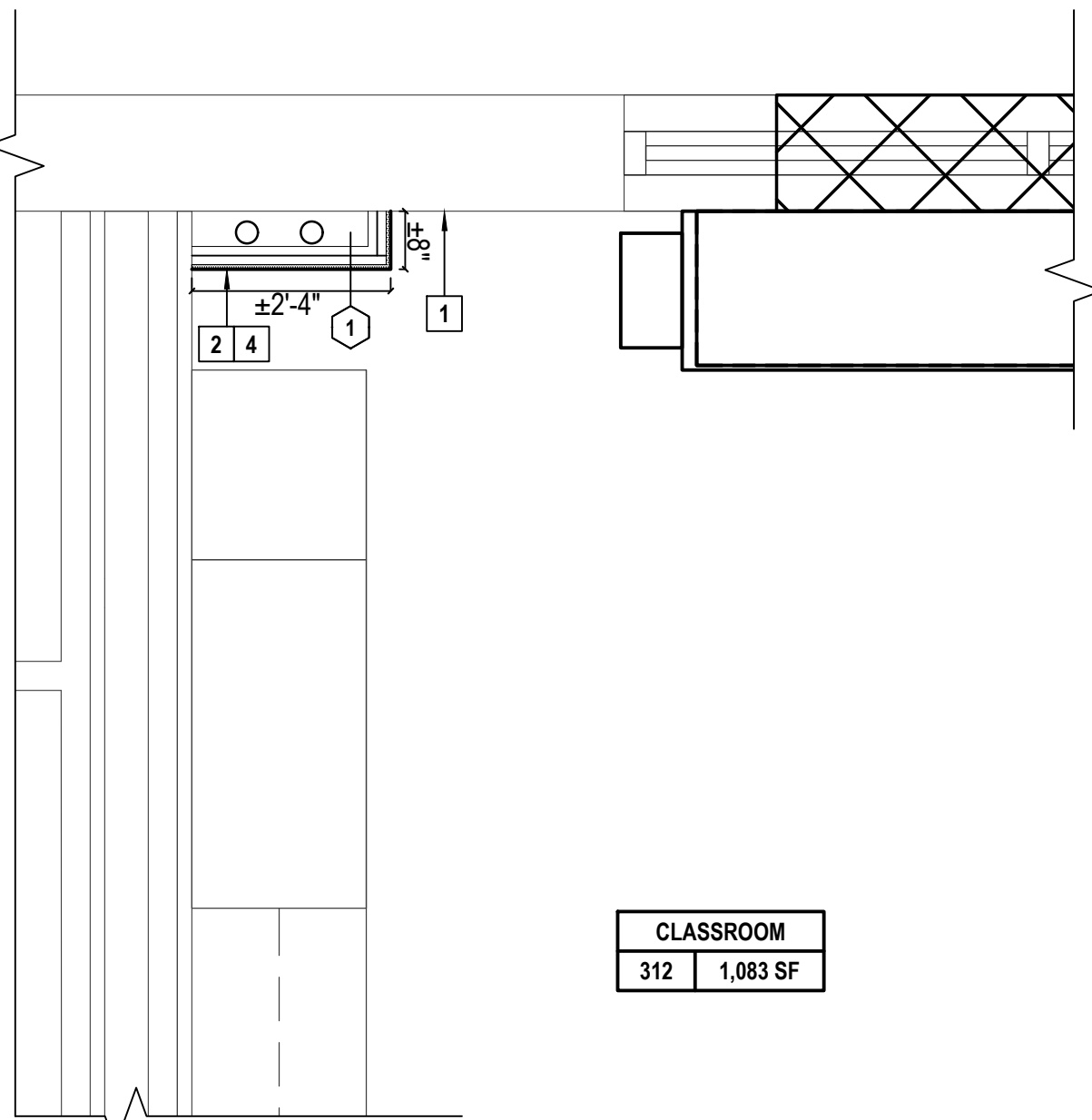
2 Partial Second Floor Plan
SCALE: 1/2"=1'-0"



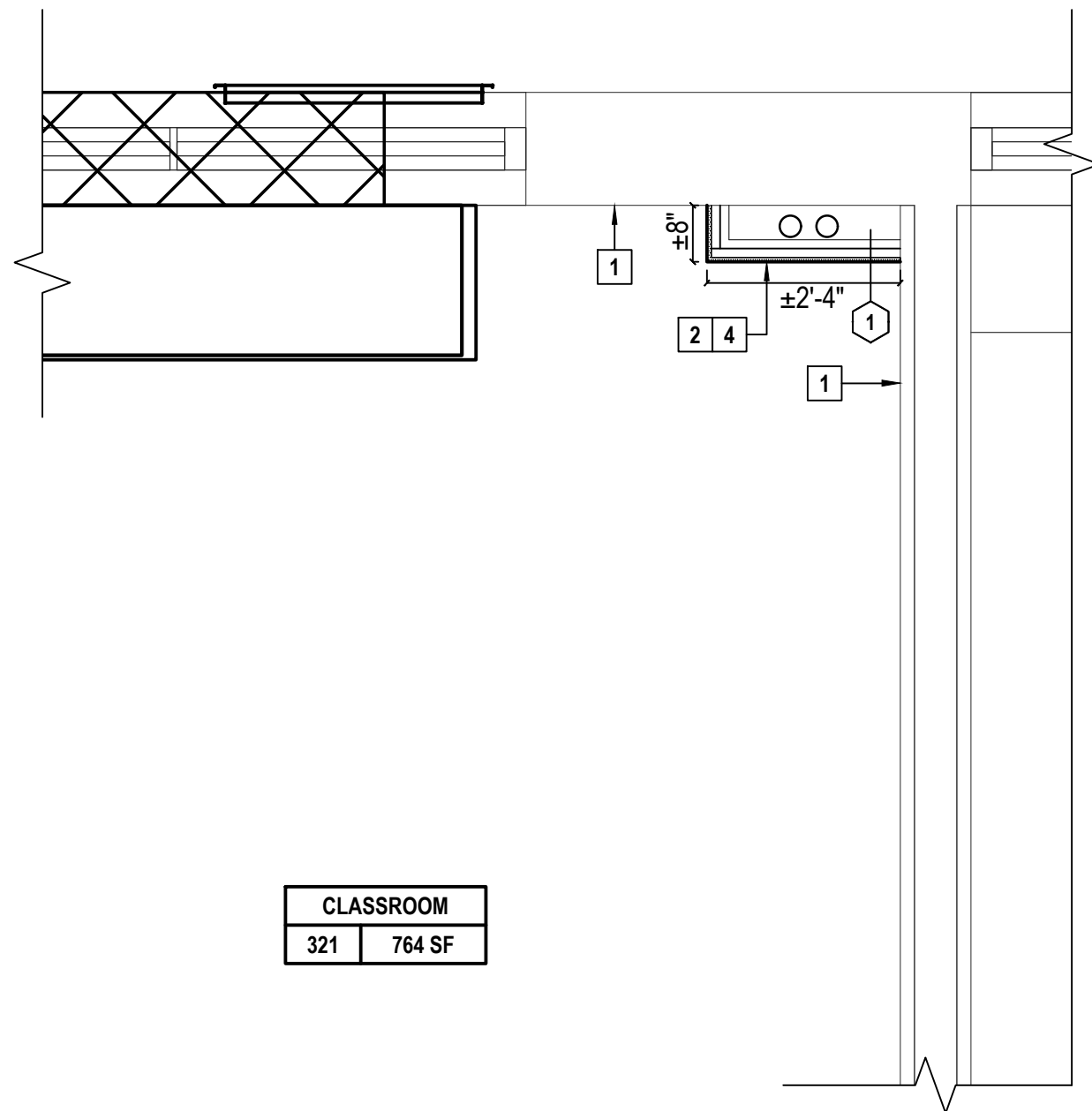
3 Partial Second Floor Plan
SCALE: 1/2"=1'-0"



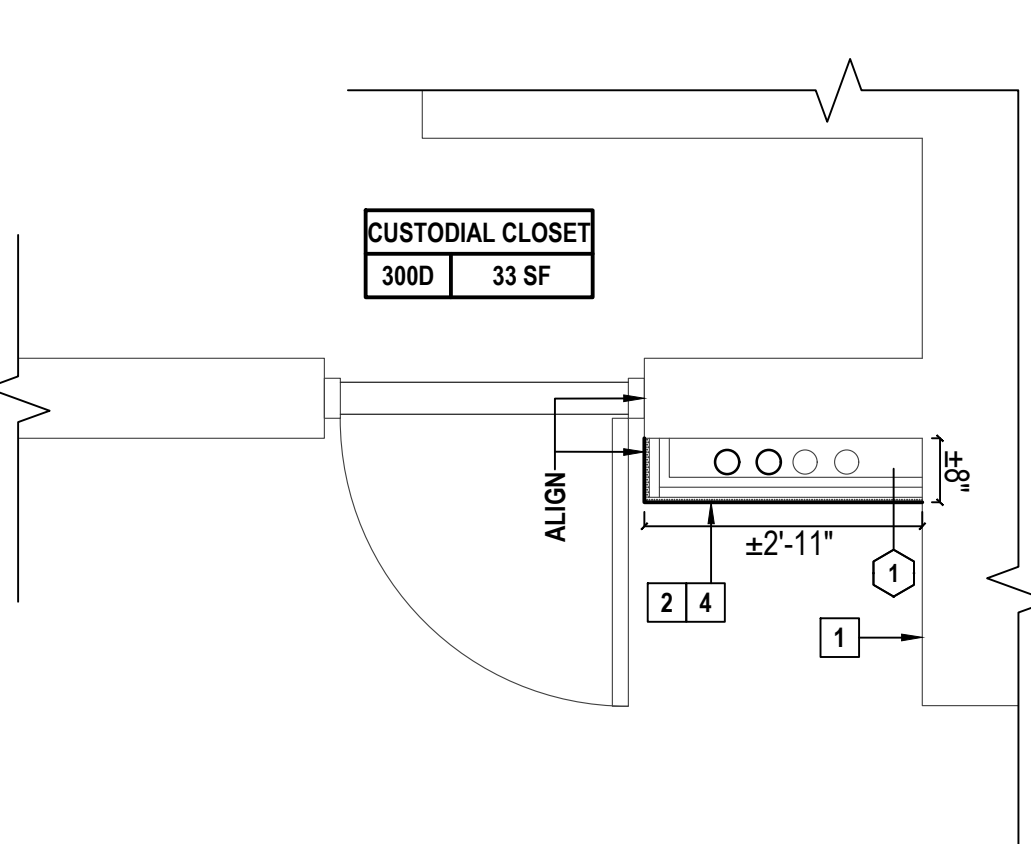
4 Partial Third Floor Plan
SCALE: 1/2"=1'-0"



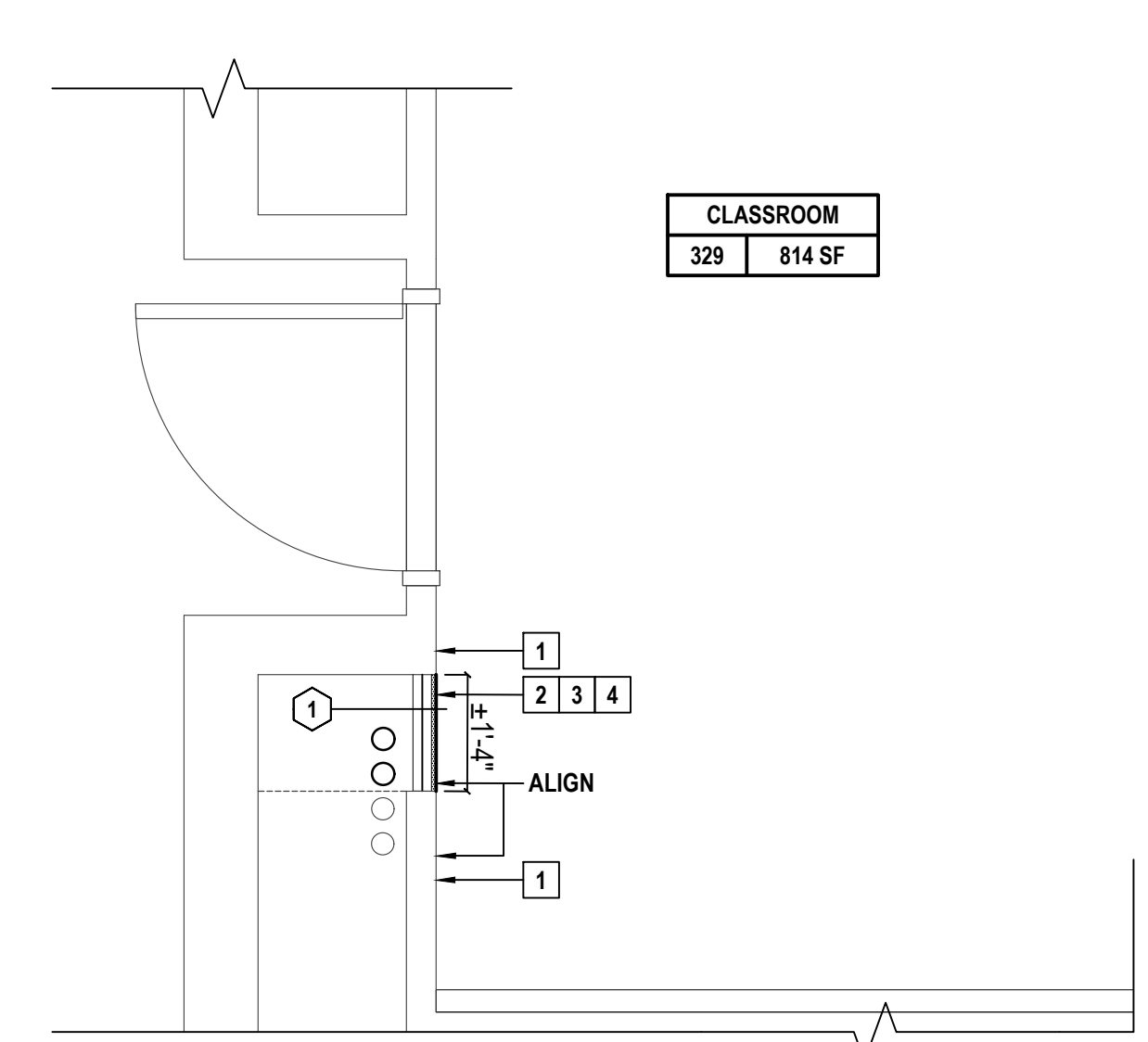
5 Partial Third Floor Plan
SCALE: 1/2"=1'-0"



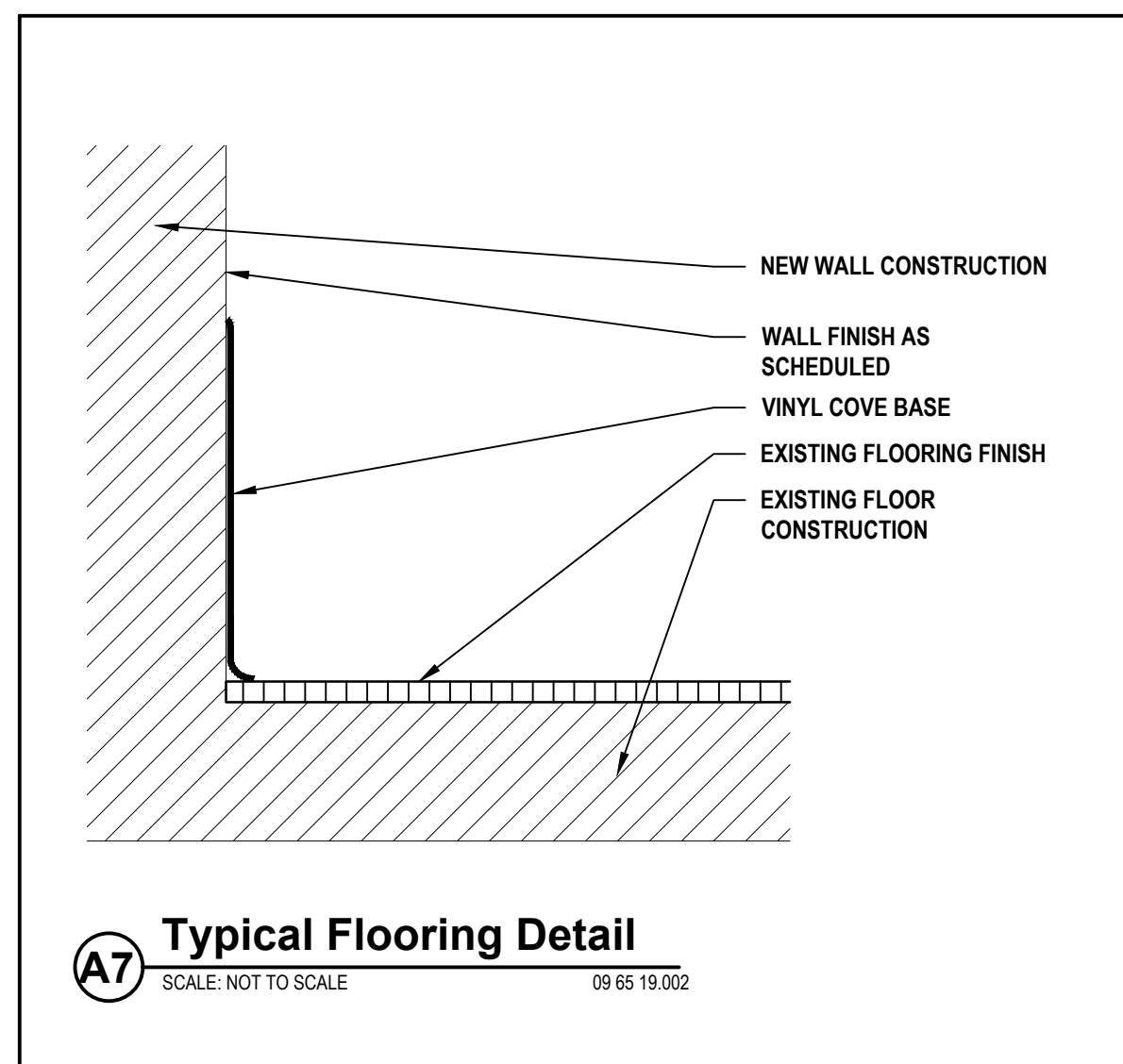
6 Partial Third Floor Plan
SCALE: 1/2"=1'-0"



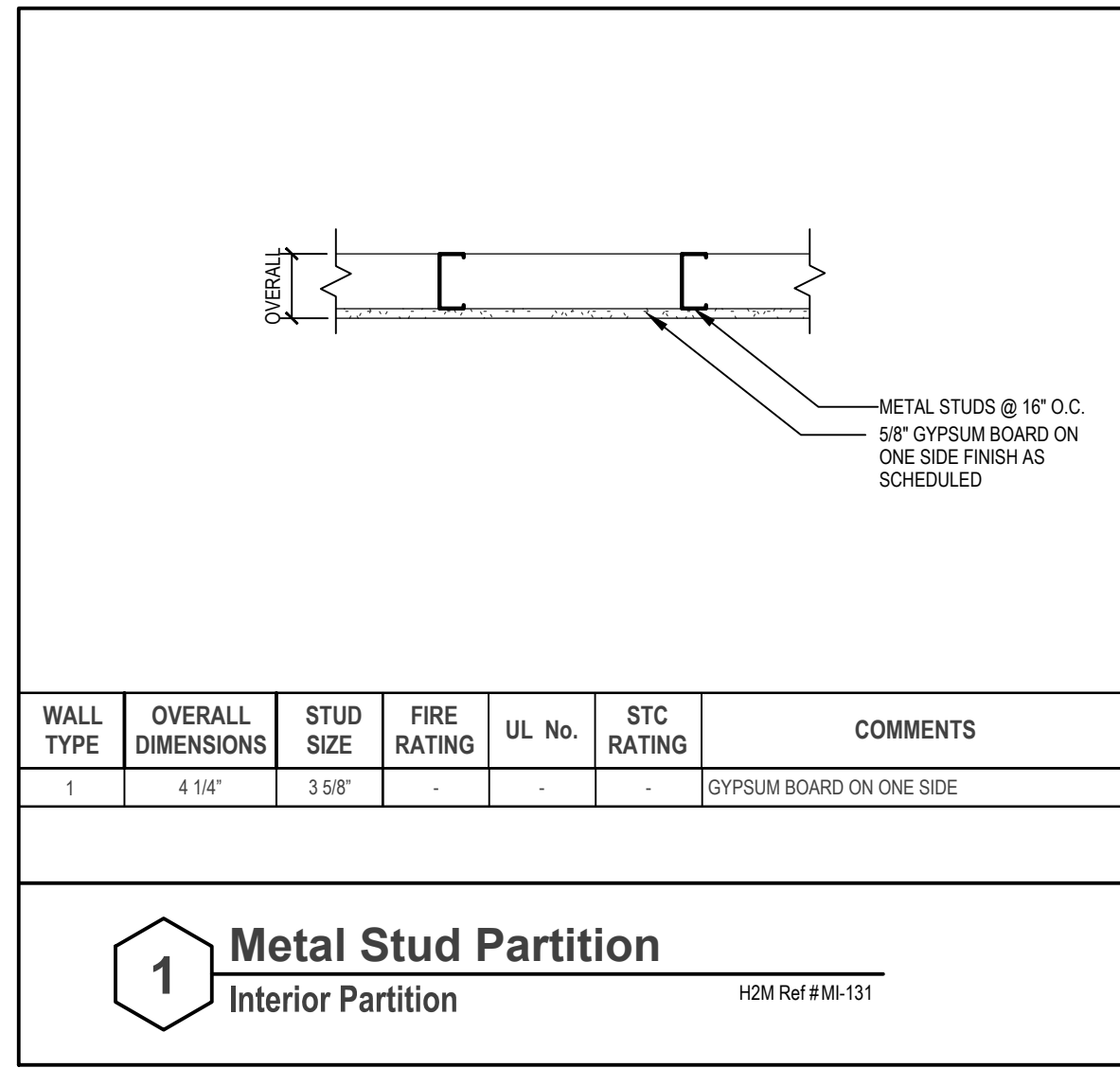
7 Partial Third Floor Plan
SCALE: 1/2"=1'-0"



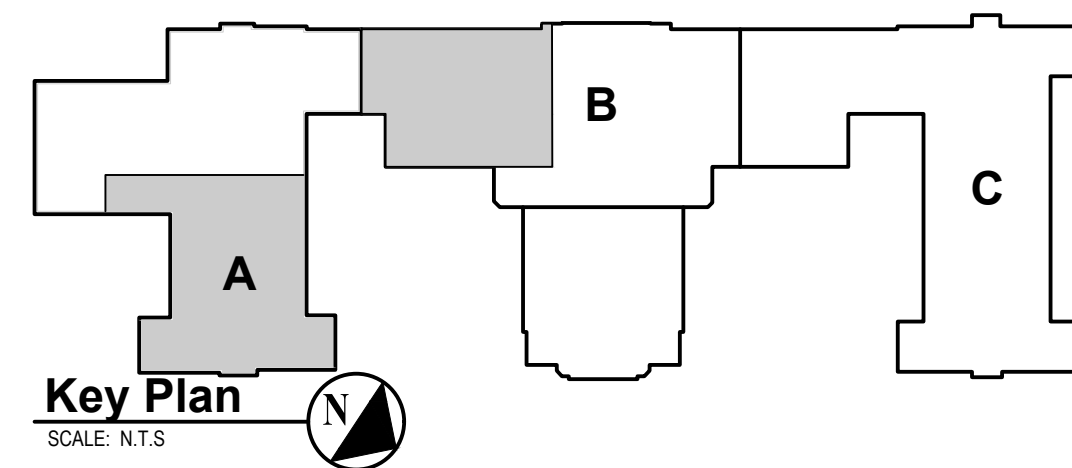
8 Partial Third Floor Plan
SCALE: 1/2"=1'-0"



A7 Typical Flooring Detail
SCALE: NOT TO SCALE 09 65 19.002



1 Metal Stud Partition
Interior Partition H2M Ref #MI-131



Key Plan
SCALE: N.T.S.

CONSULTANTS:		

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STATE OF NEW YORK
ERIAN CASTELLI
089167
LICENSED PROFESSIONAL ENGINEER

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UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL

White Plains Public Schools
WP
REAL LIFE LEARNING

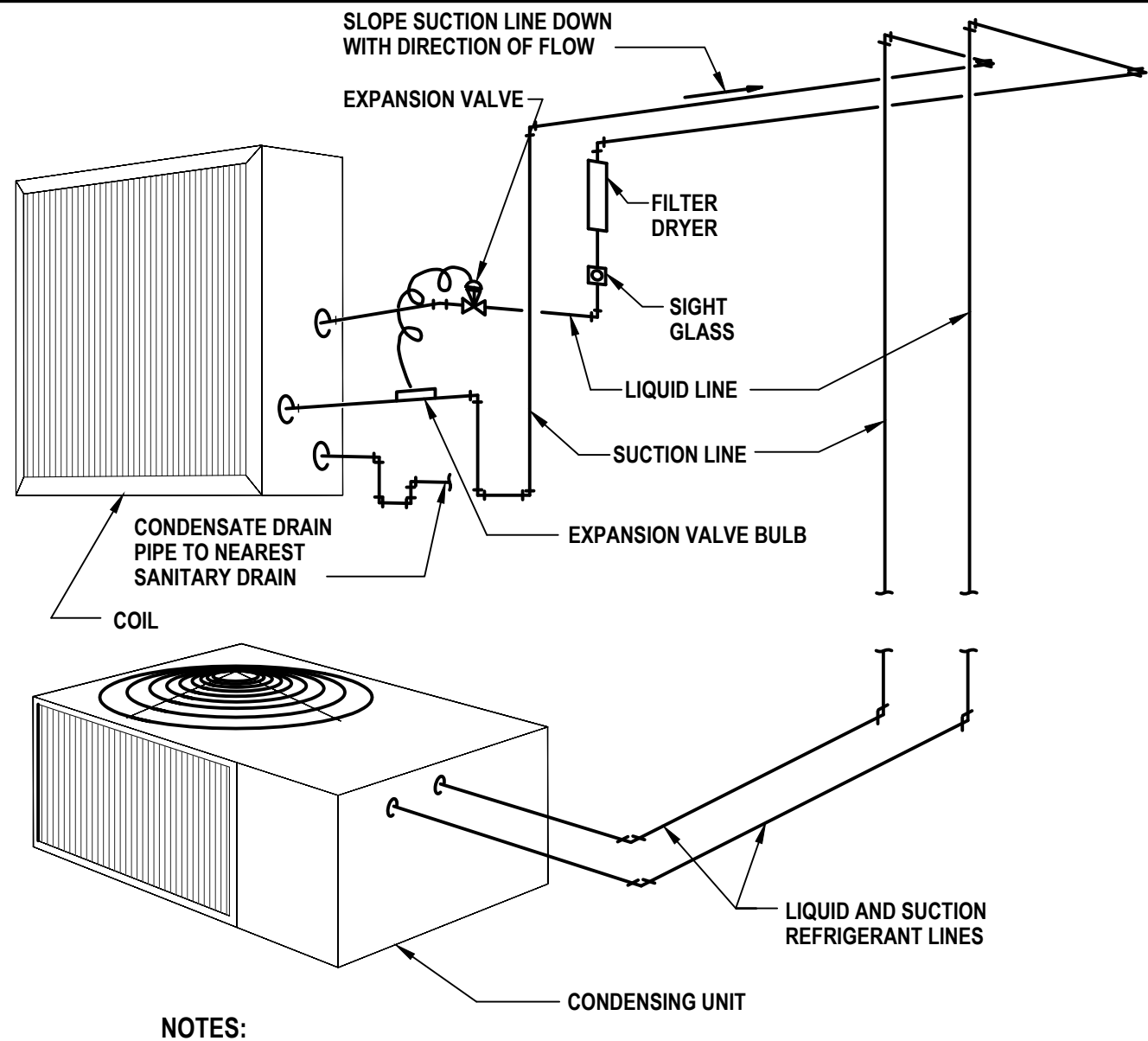
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NO. 66-22-00-01-0-003-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

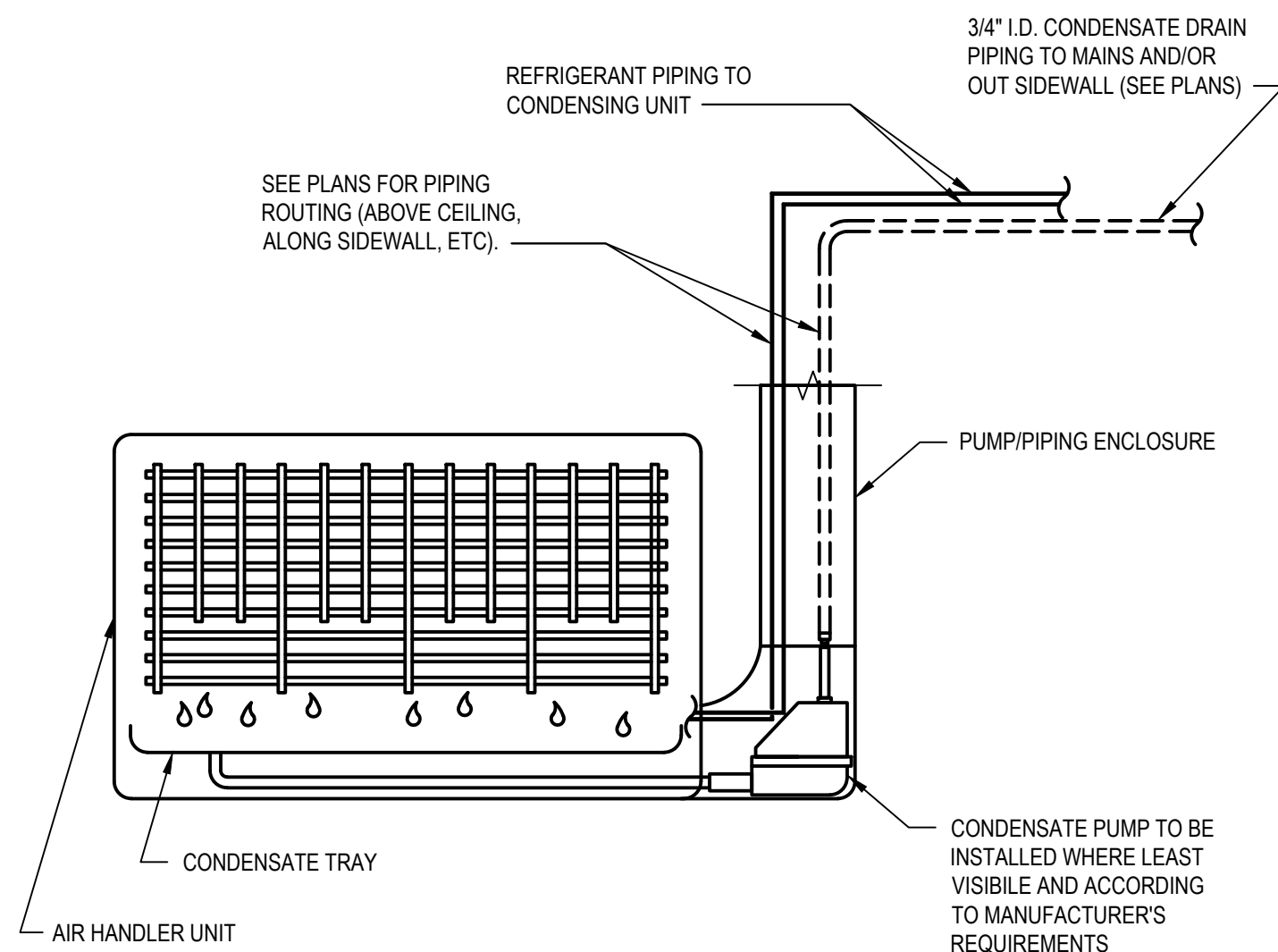
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**ARCHITECTURAL ENLARGED
PLANS AND DETAILS**

DRAWING No.
M401.00



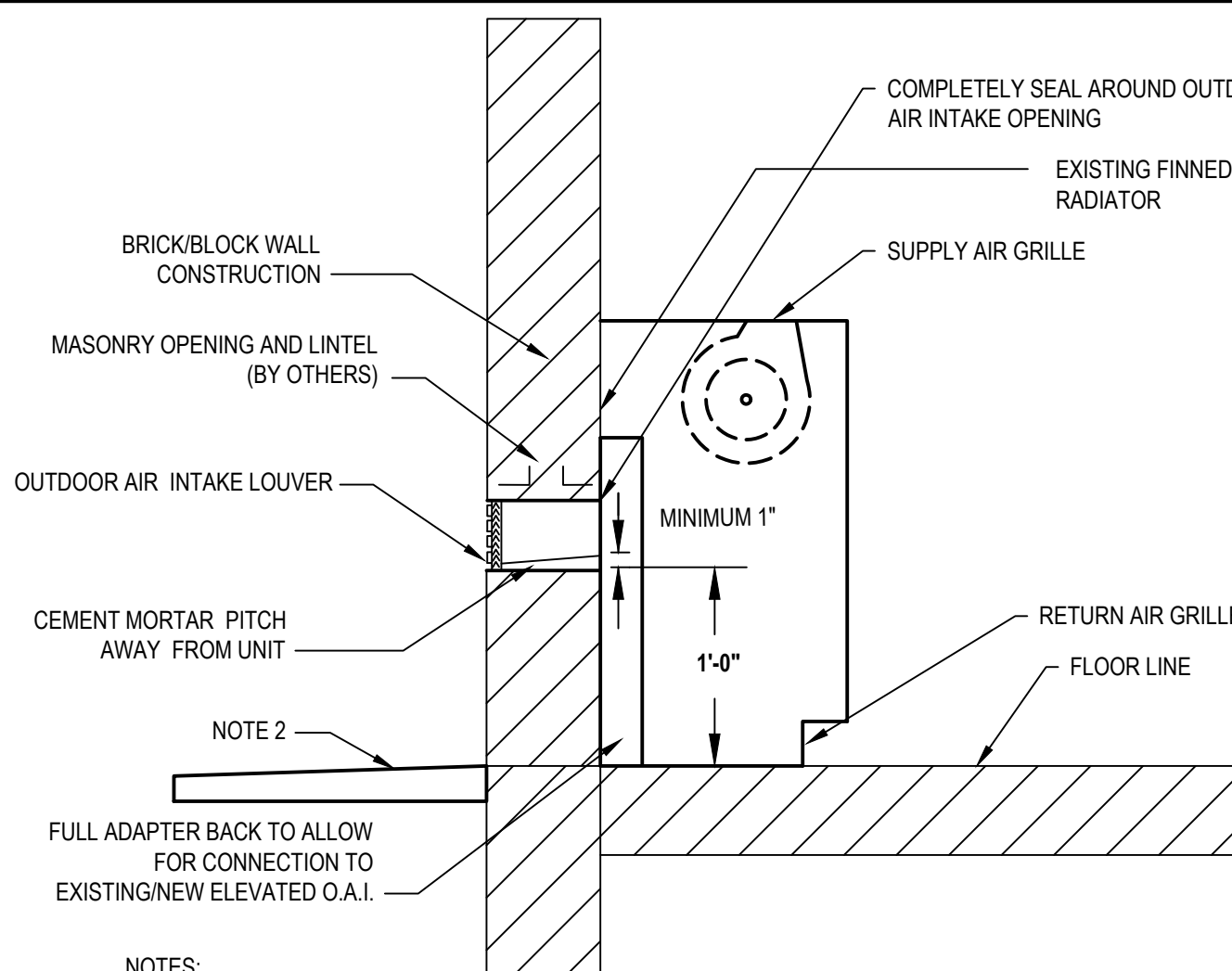
1 Refrigerant Piping Detail

SCALE: NTS (DETAIL #)



2 Ductless Split Condensate Drain Piping Detail

SCALE: NTS

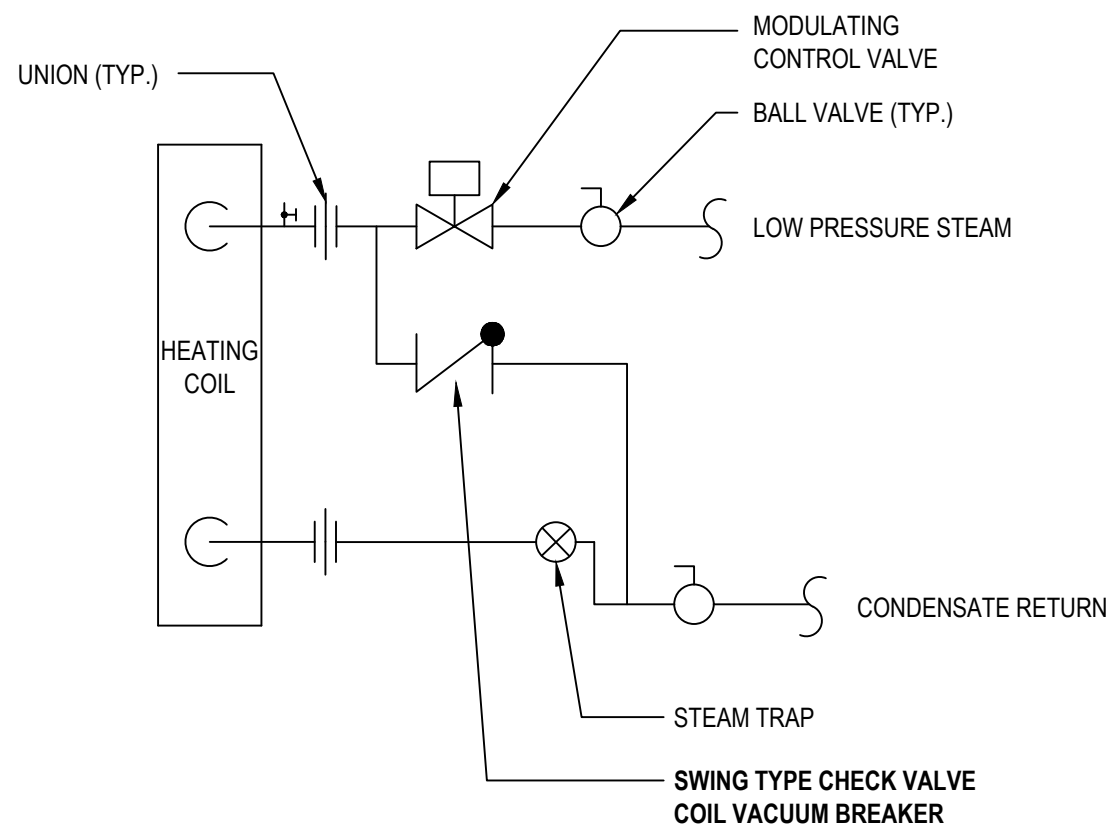


NOTES:

- PROVIDE ALL BLOCKING AS NECESSARY TO PROVIDE AN AIR TIGHT SEAL FOR THE OUTDOOR AIR INTAKE PLENUM.
- PROVIDE NEW 4-INCH CONCRETE PAD AT EXTERIOR WALL BENEATH NEW O.A.I. LOUVER. PAD SHALL EXTEND 24-INCHES OFF BUILDING. COORDINATE LENGTH OF PAD WITH NEW LOUVER. PAD SHALL EXTEND 6 INCHES FROM EACH SIDE OF NEW LOUVER. PITCH PAD AWAY FROM BUILDING FOR DRAINAGE.

3 Unit Ventilator Detail

SCALE: NTS (DETAIL #)

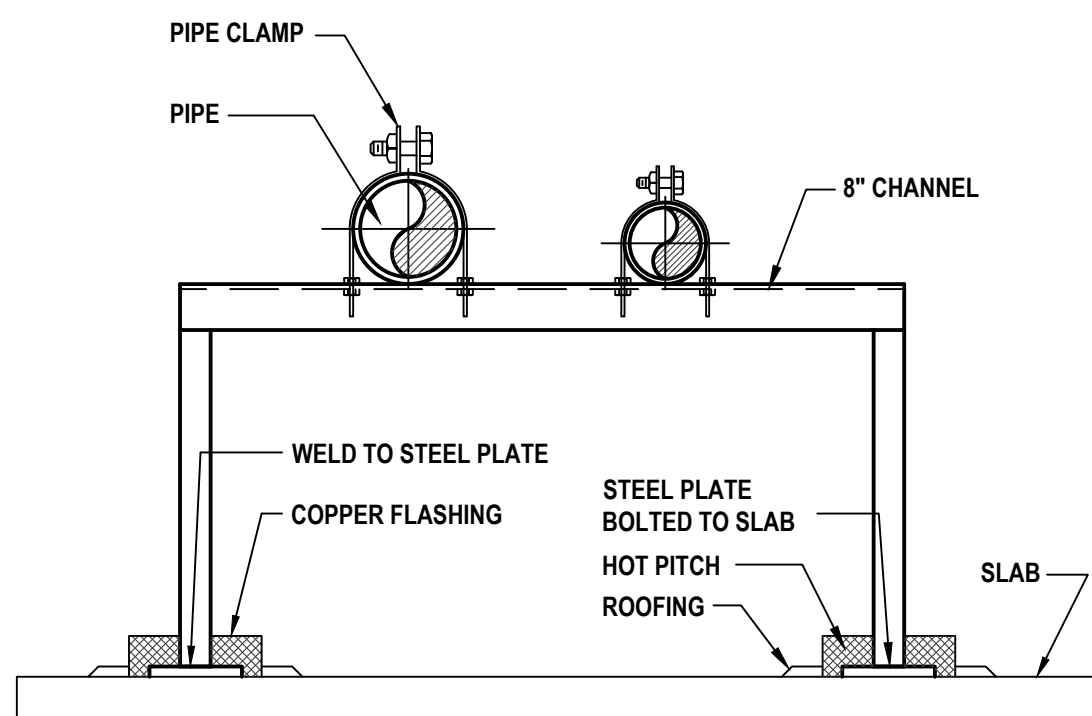


NOTES:

- ALL COMPONENTS SHALL BE ENCLOSED WITHIN UNIT VENTILATOR CABINET.

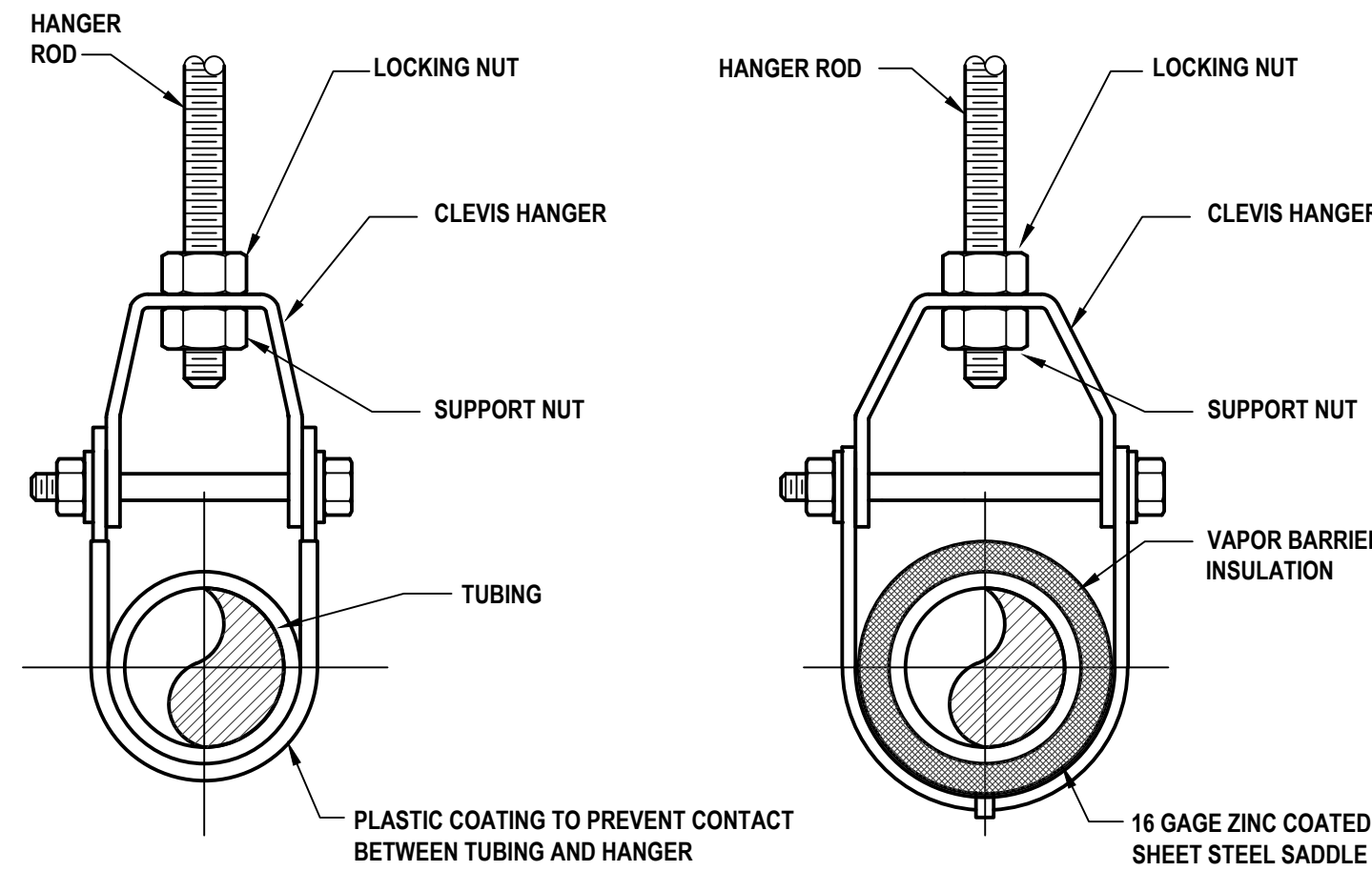
4 Unit Ventilator Steam Coil Piping Diagram - Modulating Control Valve

SCALE: NTS (DETAIL #)



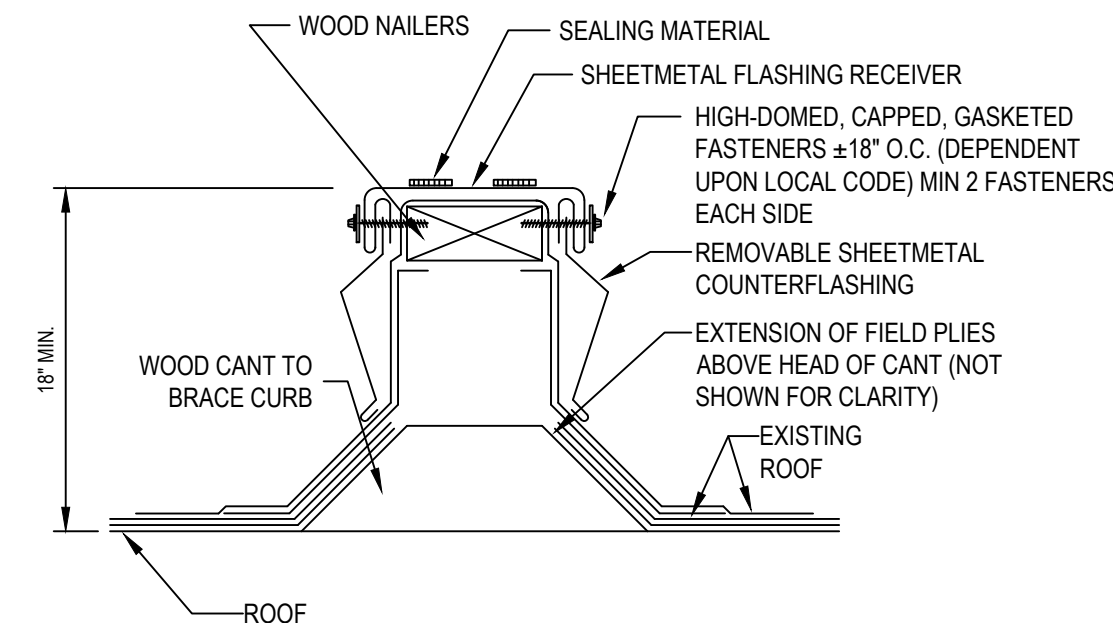
5 Piping Support From Roof

SCALE: NTS (DETAIL #)



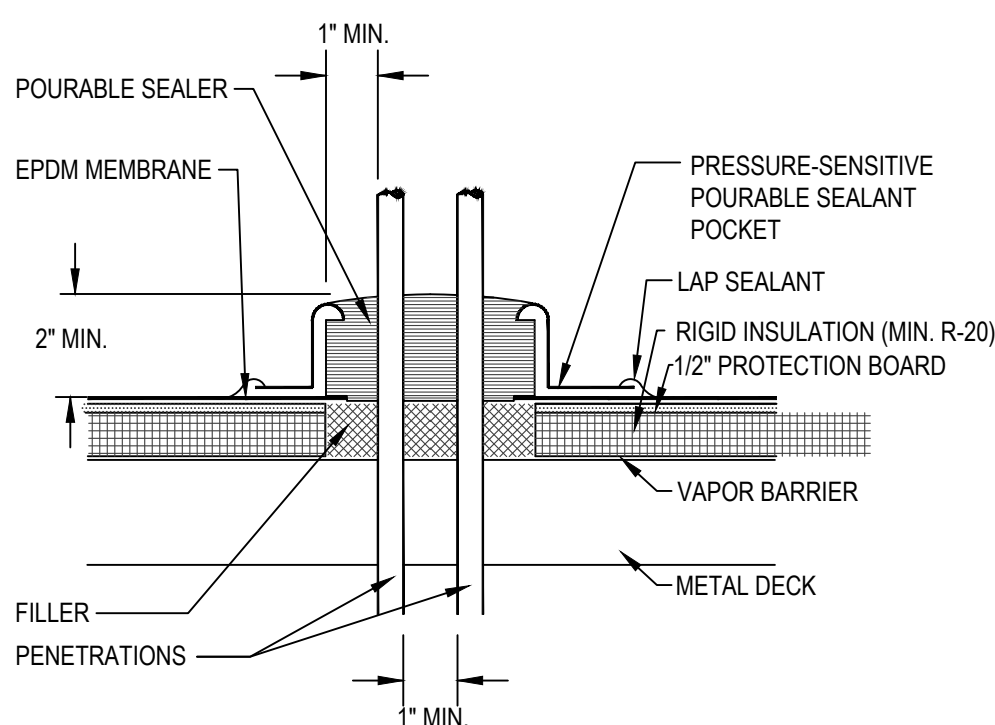
6 Copper Tubing Hanger Details

SCALE: NTS (DETAIL #)



7 Condensing Unit Curb Detail

SCALE: NTS (DETAIL #)

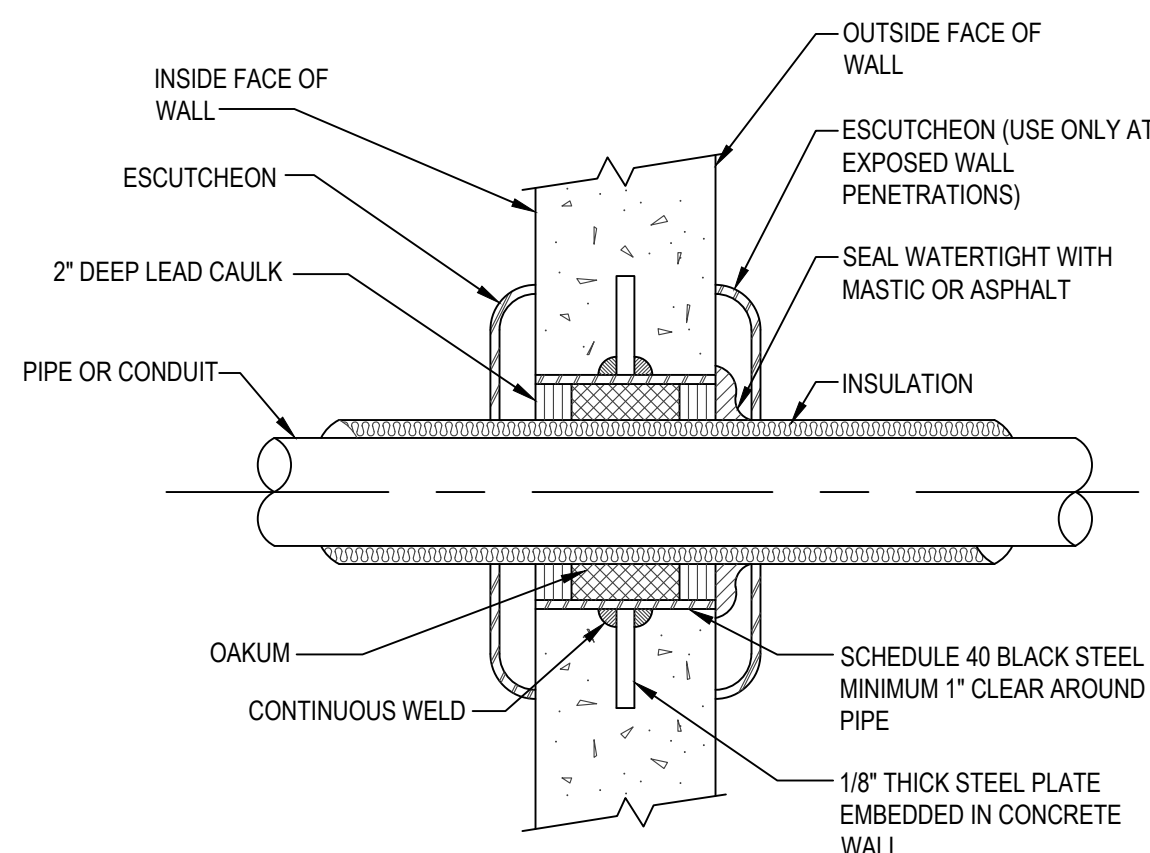


NOTES:

- 180° F MAXIMUM TEMPERATURE.
- POURABLE SEALER MUST CONTACT UNCURED ELASTOFORM FLASHING AND DECK MEMBRANE.
- POURABLE SEALER POCKET TO BE 1" MINIMUM FROM PENETRATION ON ANY SIDE.
- POURABLE SEALER MUST COMPLETELY FILL POURABLE SEALER POCKET TO PREVENT PONDING OF WATER.
- SECUREMENT IS REQUIRED FOR POURABLE SEALER POCKETS WHICH ARE GREATER THAN 18" IN DIAMETER.
- POURABLE SEALER TO BE MINIMUM 2" DEEP.
- POURABLE SEALER MUST CONTACT THE BARE SURFACE OF THE PENETRATION. ALL DEBRIS (PAINT, RUST, LEAD, OTHER FLASHINGS, ETC.) MUST BE REMOVED FROM THE PENETRATION.

8 Pourable Sealer Pitch Pocket Detail

SCALE: NTS (DETAIL #)



9 Pipe or Conduit Penetration Through Exterior Walls

SCALE: NTS (DETAIL #)

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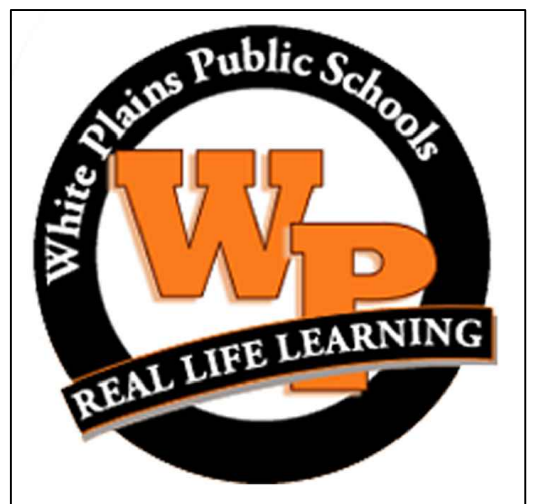


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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT
WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS

FINAL BID DOCUMENT

SHEET TITLE

MECHANICAL DETAILS

DRAWING No.

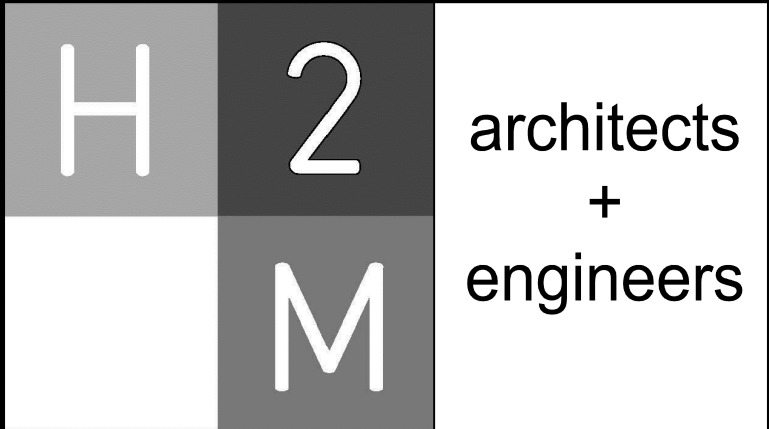
M 500.00

UNIT VENTILATORS

EQUIPMENT NO. UV-X	NOMINAL TONNAGE	ASSOCIATED CONDENSER	PERFORMANCE/ CONSTRUCTION REQUIREMENTS									
			SUPPLY FAN			OUTSIDE AIR FLOW (CFM)	COOLING COIL				FILTERS	
			AIR FLOW / FAN SPEED (CFM)	MOTOR POWER (HP)	MOTOR TYPE		TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	REFRIGERANT TYPE	AIR DATA		TYPE
										EAT DB/WB (°F)	LAT DB/WB (°F)	
1-5, 2-3, 2-4, 4-2, 4-4, 4-7, 5-3, 6-4, 6-5, 6-6, 7-1	2.0	SEE PLANS	750	0.333	ECM - VARIABLE	SEE VENT INDEX	22.9	17.2	R-410A	80 / 67	58.8 / 57.5	1" THROWAWAY
1-1, 1-2, 1-3, 1-4, 2-5, 3-2, 3-5, 4-3, 5-5, 6-1, 6-2	2.5	SEE PLANS	1000	0.333	ECM-VARIABLE	SEE VENT INDEX	33.2	24.9	R-410A	80 / 67	56.6 / 56.0	1" THROWAWAY
3-1, 3-3, 3-4, 4-5, 4-6, 5-1, 5-2, 5-4, 5-6, 7-2, 7-3, 7-4, 7-5	3	SEE PLANS	1250	0.333	ECM - VARIABLE	SEE VENT INDEX	43.4	32.6	R-410A	80 / 67	55.2 / 55.2	1" THROWAWAY
1-6, 2-1, 2-2, 4-1, 6-3	4	SEE PLANS	1500	0.333	ECM - VARIABLE	SEE VENT INDEX	53.7	40.3	R-410A	80 / 67	54.3 / 54.3	1" THROWAWAY

VENTILATION INDEX BASED ON 2020 NEW YORK STATE MECHANICAL CODE


ROOM NAME	UV TAG	OCCUPANCY CLASSIFICATION	FLOOR AREA (SF)	OCCUPANCY LOAD (PERSONS/1000 SF)	NUMBER OF OCCUPANTS	OCCUPANT BASED OA RATE (CFM/OCCUPANT)	AREA BASED OUTSIDE AIR RATE (CFM/SF)	EXHAUST RATE (CFM/SF)	UNCORRECTED OA REQUIRED (CFM)	Ez EFFICIENCY FACTOR (HEATING)	CORRECTED OA [HEATING] (CFM)	EXHAUST REQUIRED (CFM)
101	1-1, 1-2	MUSIC/THEATER/DANCE	1372	35	49	10	0.06	0	573	0.90	640	0
102	1-3, 1-4	MUSIC/THEATER/DANCE	1498	35	53	10	0.06	0	620	0.90	690	0
103	1-5	MEDIA CENTER	558	25	14	10	0.12	0	207	0.90	230	0
104	1-6	MUSIC/THEATER/DANCE	1055	35	37	10	0.06	0	434	0.90	485	0
110	2-1	CLASSROOM 9+	1146	35	41	10	0.12	0	548	0.90	610	0
111	2-2	CLASSROOM 9+	1215	35	43	10	0.12	0	576	0.90	640	0
114	2-3	CLASSROOM 9+	574	35	21	10	0.12	0	279	0.90	310	0
119	2-4	CLASSROOM 9+	650	35	23	10	0.12	0	308	0.90	345	0
121	2-5	CLASSROOM 9+	745	35	27	10	0.12	0	360	0.90	400	0
203	3-1	CLASSROOM 9+	912	35	32	10	0.12	0	430	0.90	480	0
204	3-2	CLASSROOM 9+	627	35	22	10	0.12	0	296	0.90	330	0
205	3-3	CLASSROOM 9+	744	35	27	10	0.12	0	360	0.90	400	0
207	3-4	CLASSROOM 9+	761	35	27	10	0.12	0	362	0.90	405	0
209	3-5	CLASSROOM 9+	610	35	22	10	0.12	0	294	0.90	330	0
211	4-1	CLASSROOM 9+	1077	35	38	10	0.12	0	510	0.90	570	0
212	4-2	CLASSROOM 9+	576	35	21	10	0.12	0	280	0.90	315	0
213	4-3	CLASSROOM 9+	625	35	22	10	0.12	0	295	0.90	330	0
214	4-4	CLASSROOM 9+	576	35	21	10	0.12	0	280	0.90	315	0
220	4-5	CLASSROOM 9+	762	35	27	10	0.12	0	362	0.90	405	0
221	4-6	CLASSROOM 9+	751	35	27	10	0.12	0	361	0.90	405	0
222	4-7	CLASSROOM 9+	472	35	17	10	0.12	0	227	0.90	255	0
301	5-1	CLASSROOM 9+	931	35	33	10	0.12	0	442	0.90	495	0
302	5-2	CLASSROOM 9+	914	35	32	10	0.12	0	430	0.90	480	0
303	5-3	CLASSROOM 9+	572	35	21	10	0.12	0	279	0.90	310	0
304	5-4	CLASSROOM 9+	839	35	30	10	0.12	0	401	0.90	450	0
305	5-5	CLASSROOM 9+	634	35	23	10	0.12	0	307	0.90	345	0
306	5-6	CLASSROOM 9+	704	35	25	10	0.12	0	335	0.90	375	0
309	6-1	CLASSROOM 9+	590	35	21	10	0.12	0	281	0.90	315	0
310	6-2	CLASSROOM 9+	610	35	22	10	0.12	0	294	0.90	330	0
312	6-3	CLASSROOM 9+	1083	35	38	10	0.12	0	510	0.90	570	0
313	6-4	CLASSROOM 9+	580	35	21	10	0.12	0	280	0.90	315	0
314	6-5	CLASSROOM 9+	578	35	21	10	0.12	0	280	0.90	315	0
315	6-6	CLASSROOM 9+	573	35	21	10	0.12	0	279	0.90	310	0
316	7-1	CLASSROOM 9+	578	35	21	10	0.12	0	280	0.90	315	0
317	7-2	CLASSROOM 9+	763	35	27	10	0.12	0	362	0.90	405	0
318	7-3	CLASSROOM 9+	762	35	27	10	0.12	0	362	0.90	405	0
321	7-4	CLASSROOM 9+	764	35	27	10	0.12	0	362	0.90	405	0
322	7-5	CLASSROOM 9+	764	35	27	10	0.12	0	362	0.90	405	0



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UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



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CONTRACT

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
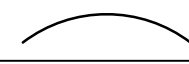
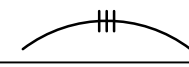



























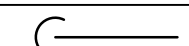







MECHANICAL SCHEDULES -
SHEET 2 OF 2

DRAWING No.

M601.00






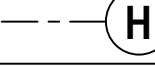
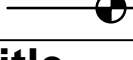
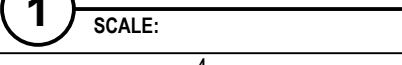
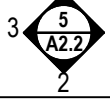


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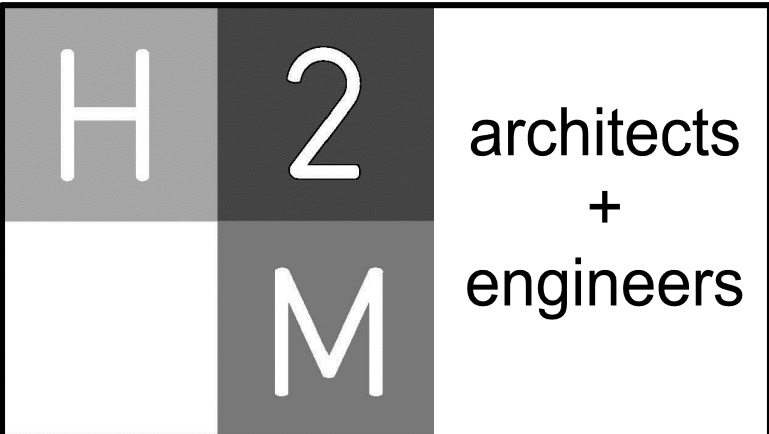
ELECTRICAL LEGENDS

SYMBOL	DESCRIPTION	COMMENTS	ABBREVIATION	DESCRIPTION	COMMENTS
S ₃	THREE - WAY SWITCH	46" AFF TO CL UON	AFF	ABOVE FINISHED FLOOR	
S ₄	FOUR - WAY SWITCH	46" AFF TO CL UON	AFC	ABOVE FINISHED CEILING	
S ₁	ILLUMINATED SWITCH	46" AFF TO CL UON	AFCI	ARC FAULT CIRCUIT INTERRUPTER	
S ^A	SINGLE POLE SWITCH; "A" INDICATES SWITCH CONTROL	46" AFF TO CL UON	AFG	ABOVE FINISHED GRADE	
S ₀	SINGLE POLE DIMMER SWITCH	46" AFF TO CL UON	AHJ	AUTHORITY HAVING JURISDICTION	
S ₃₀	THREE - WAY DIMMER SWITCH	46" AFF TO CL UON	AMP, A	AMPERE	
S _K	SINGLE POLE KEYED SWITCH	46" AFF TO CL UON	ATS	AUTOMATIC TRANSFER SWITCH; SEE TRANSFER SWITCH SCHEDULE	
S _{K3}	KEYED THREE - WAY SWITCH	46" AFF TO CL UON	AWG	AMERICAN WIRE GAUGE	
S _{K4}	KEYED FOUR - WAY SWITCH	46" AFF TO CL UON	BFC	BELOW FINISHED CEILING	
S _P	SWITCH AND PILOT LIGHT		CL	CENTERLINE	
S _T	SWITCH WITH THERMAL OVERLOAD PROTECTION (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)		CT	COUNTER TOP	
S _{OS} /V _S	OCCUPANCY/VACANCY SENSOR WITH MANUAL OVERRIDE, WALL MOUNT		E.C.	ELECTRICAL CONDUIT	
TC	TIME CLOCK		GFCI	GROUND FAULT CIRCUIT INTERRUPTER	
 E,G	EMERGENCY SHUT OFF SWITCH; 'E' INDICATES ELECTRICAL; 'G' INDICATES GAS		GFI	GROUND FAULT INDICATOR	
	2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING		GND	GROUND	
	3 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN OR BELOW SLAB		CON ED	CONSOLIDATED EDISON INC.	
 LP1-35	DEDICATED HOME RUN TO PANEL LP1 FOR CIRCUIT NO. 35 ONLY. 2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING		MCB	MAIN CIRCUIT BREAKER	
	SIMPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH	MLO	MAIN LUGS ONLY	
	DUPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH	NTS	NOT TO SCALE	
	QUAD RECEPTACLE, DOUBLE DUPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH	TYP	TYPICAL	
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "C" INDICATES CEILING MOUNT.	FLUSH	UON	UNLESS OTHERWISE NOTED	
	DUPLEX RECEPTACLE: 120V, 20A; FLOOR MOUNTED.	FLUSH	UC	UNDER COUNTER	
	QUAD RECEPTACLE: 120V, 20A; FLOOR MOUNTED.		UV	UNIT VENTILATOR	
 D/T	DUPLEX RECEPTACLE AND DATA JACK: 120V, 20A; FLOOR MOUNTED.		V	VOLT	
 D/T	DATA JACK; FLOOR MOUNTED.		VAC	VOLTS ALTERNATING CURRENT	
	ISOLATED GROUND DUPLEX RECEPTACLE. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH	VDC	VOLTS DIRECT CURRENT	
	DUPLEX RECEPTACLE: 120V, 20A; WITH GROUND FAULT INDICATOR. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH	X-FMR	TRANSFORMER	
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "UC" INDICATES UNDER COUNTER	AS PER ENGINEER	WP	WEATHERPROOF	
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "CT" INDICATES COUNTER TOP.	AS PER ENGINEER			
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "WP" INDICATED WEATHER PROOF.	AS PER ENGINEER			
	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "USB" INDICATES INTEGRAL USB.	FLUSH			
	SPECIAL PURPOSE OUTLET: 240V, 40A. VERIFY NEMA CONFIGURATION WITH EQUIPMENT MANUFACTURER.	AS PER ENGINEER			
	TWISTED LOCK RECEPTACLE: 125V, 20A, 3 WIRE, UNLESS OTHERWISE NOTED.	AS PER ENGINEER			
	SURFACE RACEWAY WITH 2 GROUNDED AND ISOLATED TYPE DUPLEX RECEPTACLES AND 1 DATA OUTLET PER POSITION, 16" AFF UNLESS OTHERWISE NOTED.				
 S ₁	MAGNETIC STARTER "S1"; SEE STARTER SCHEDULE				
 DS ₁	DISCONNECTION SWITCH "DS1"; SEE DISCONNECT SWITCH SCHEDULE.				
	JUNCTION BOX.				
	NEMA 4X STAINLESS STEEL JUNCTION BOX WITH GASKET COVER.				
	JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING. MOUNT 18" AFF, UNLESS OTHERWISE NOTED.				
	FOR MONITOR. JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING.				
	FOR HAND DRYER, JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.				
 T ₁	TRANSFORMER "T1"; SEE TRANSFORMER SCHEDULE.				
	ELECTRICAL PANEL "P1", RECESSED; SEE PANEL SCHEDULE.				
	ELECTRICAL PANEL "P1", SURFACE MOUNT; SEE PANEL SCHEDULE.				
	CONDUIT GOING UP.				
	CONDUIT GOING DOWN.				
	TELEPHONE. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.				
	CABLE TELEVISION. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.				
	DATA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.				
 D/T	COMBINED DATA AND TV. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.				
	SECURITY CAMERA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.				

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.	
	RACK OUT CIRCUIT BREAKER	
	REDUCED VOLTAGE SOLID STATE RAMPING MODULE, SIZED FOR 10 H.P.	
	REDUCED VOLTAGE SOLID STATE STARTER, SIZED FOR 150 H.P.	
	VARIABLE FREQUENCY DRIVE, RATED FOR 25 H.P.	
	FULL VOLTAGE NON-REVERSING STARTER, NEMA SIZE 6	
	FULL VOLTAGE REVERSING STARTER, NEMA SIZE 5	
	FAST ACTING SOLID STATE FUSES AS PER MANUFACTURER.	
	MULTIPLE BRANCH CIRCUITS AS REQUIRED.	
	CONTROL CIRCUIT; MIN 2 #12 AWG IN 3/4\"/>	

LIST OF DRAWINGS	
E 001	ELECTRICAL LEGENDS
ED 110	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLAN
ED 111	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLAN
ED 112	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLAN
ED 120	ELECTRICAL PARTIAL SECOND FLOOR DEMOLITION PLAN
ED 121	ELECTRICAL PARTIAL SECOND FLOOR DEMOLITION PLAN
ED 122	ELECTRICAL PARTIAL SECOND FLOOR DEMOLITION PLAN
ED 130	ELECTRICAL PARTIAL THIRD FLOOR DEMOLITION PLAN
ED 131	ELECTRICAL PARTIAL THIRD FLOOR DEMOLITION PLAN
ED 132	ELECTRICAL PARTIAL THIRD FLOOR DEMOLITION PLAN
E 100	ELECTRICAL PARTIAL LOWER LEVEL POWER PLAN
E 110	ELECTRICAL PARTIAL FIRST FLOOR HVAC POWER PLAN
E 111	ELECTRICAL PARTIAL FIRST FLOOR HVAC POWER PLAN
E 112	ELECTRICAL PARTIAL FIRST FLOOR HVAC POWER PLAN
E 120	ELECTRICAL PARTIAL SECOND FLOOR HVAC POWER PLAN
E 121	ELECTRICAL PARTIAL SECOND FLOOR HVAC POWER PLAN
E 122	ELECTRICAL PARTIAL SECOND FLOOR HVAC POWER PLAN
E 130	ELECTRICAL PARTIAL THIRD FLOOR HVAC POWER PLAN
E 131	ELECTRICAL PARTIAL THIRD FLOOR HVAC POWER PLAN
E 132	ELECTRICAL PARTIAL THIRD FLOOR HVAC POWER PLAN
E 150	ELECTRICAL PARTIAL ROOF HVAC POWER PLAN
E 151	ELECTRICAL PARTIAL ROOF HVAC POWER PLAN
E 152	ELECTRICAL PARTIAL ROOF HVAC POWER PLANS
E 500	ELECTRICAL PANEL SCHEDULES
E 501	ELECTRICAL PANEL SCHEDULES
E 502	ELECTRICAL SINGLE LINE, SCHEDULE AND DETAILS

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 #



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DESIGNED BY: SAN	DRAWN BY: SAN	CHECKED BY:	REVIEWED BY:
PROJECT No.: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT

**WHITE PLAINS CITY
SCHOOL DISTRICT**

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

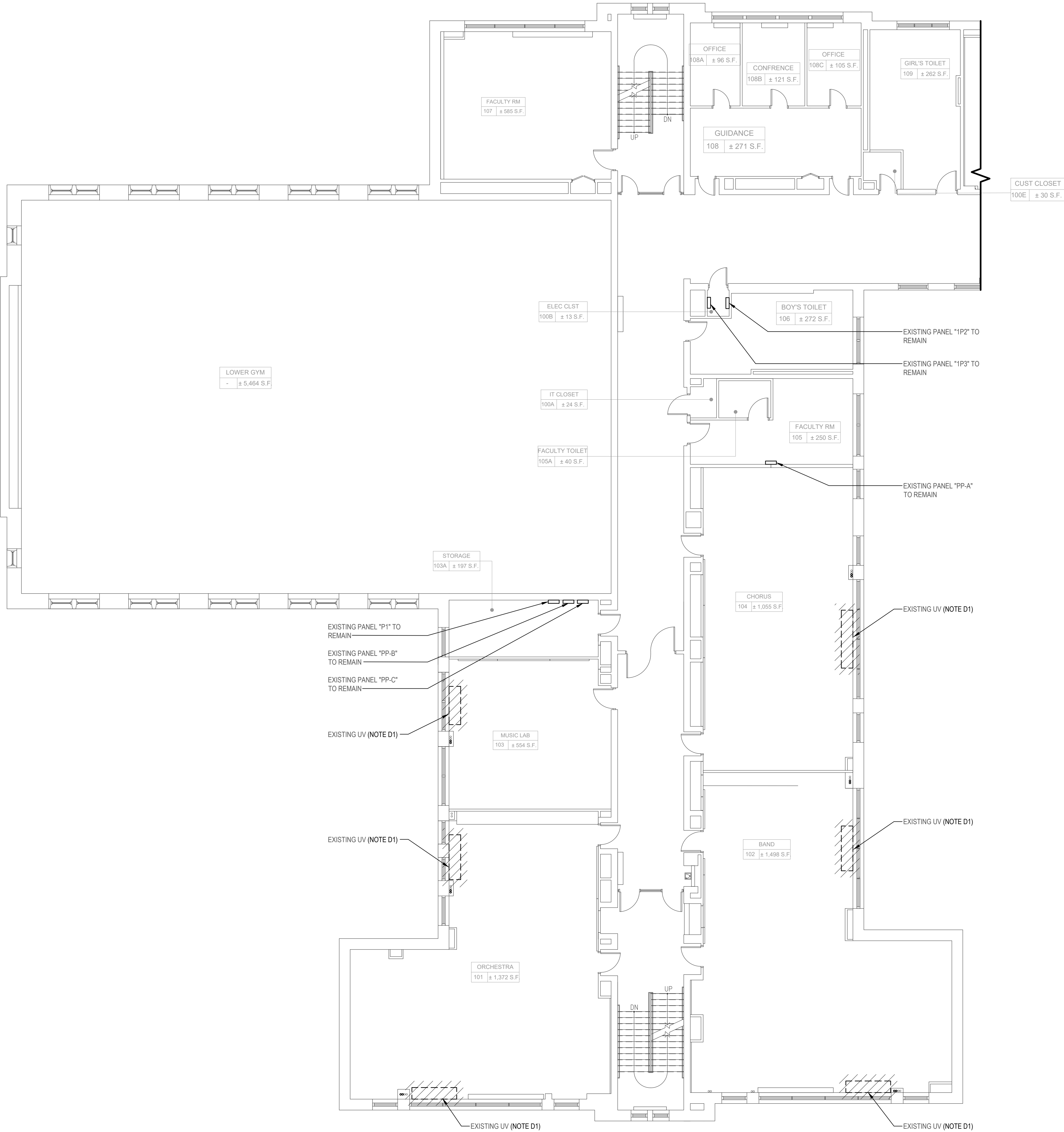
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SHEET TITLE

ELECTRICAL LEGENDS

DRAWING No.

E 001.00



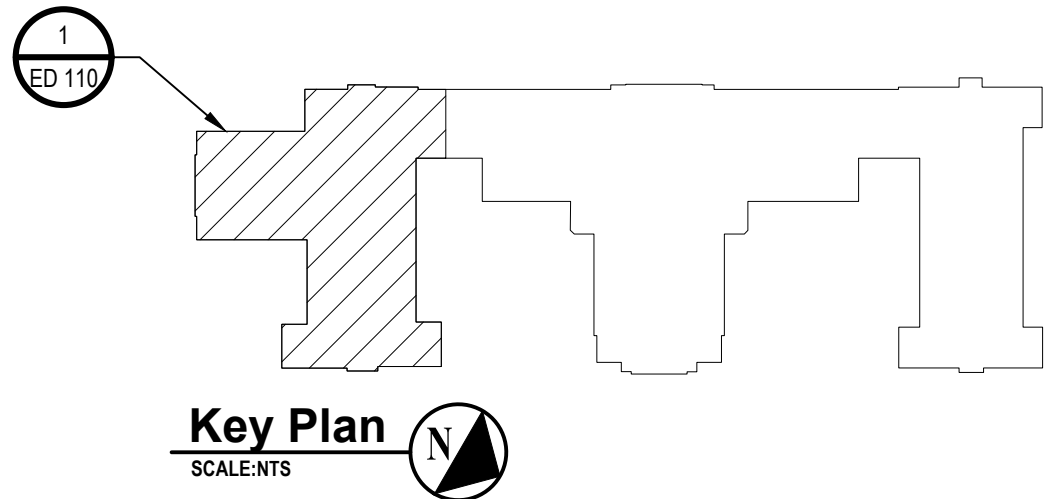
LEGEND	
	- REMOVE AND DISPOSE OF ITEM IDENTIFIED, U.O.N.

ELECTRICAL GENERAL DEMOLITION NOTES:

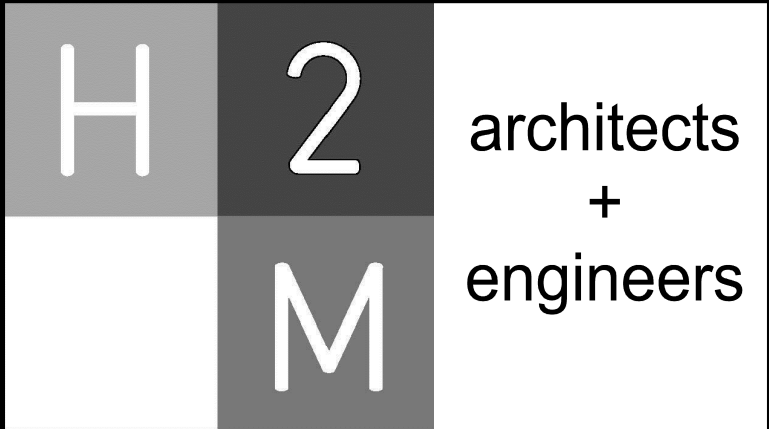
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- GD2. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL EXISTING DEVICES ON A CIRCUIT WHEN THE DRAWINGS CALL FOR REMOVAL AND/OR DISPOSAL OF A DEVICE ON THAT CIRCUIT.
- GD3. ALL CONDUITS SPECIFIED TO BE REMOVED SHALL BE CUT FLUSH WITH THE SURFACE AND SURFACE SHALL BE PATCHED UNLESS OTHERWISE NOTED. SURFACE SHALL BE PRIMED AND PAINTED TO MATCH EXISTING.
- GD4. WHERE CONDUITS AND WIRING PASS THROUGH WORK AREA AND/OR ARE SCHEDULED TO REMAIN, CONTRACTOR SHALL REROUTE EXISTING CONDUIT AND WIRING. PROVIDE CONDUIT, WIRE, AND JUNCTION BOXES AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WITH OTHER TRADES AS REQUIRED.
- GD5. CONTRACTOR SHALL NOTIFY FIRE ALARM MONITORING COMPANY PRIOR TO INSTALLING, RELOCATING AND/OR MODIFYING EXISTING AND/OR NEW FIRE ALARM DEVICES. PROGRAM SYSTEM AS REQUIRED TO INSTALL NEW DEVICES.

ELECTRICAL DEMOLITION KEY NOTE:

- D1. CONTRACT 'H' SHALL REMOVE AND DISPOSE OF EXISTING EQUIPMENT. CONTRACT 'E' SHALL REMOVE AND DISPOSE OF ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH THE EXISTING HVAC EQUIPMENT SCHEDULED FOR DEMOLITION INCLUDING BUT NOT LIMITED TO DISCONNECT SWITCHES, MOTOR STARTERS, ASSOCIATED FIRE ALARM DEVICES, WIRE AND CONDUIT BACK TO SOURCE. REFER TO CONTRACT 'H' DRAWINGS FOR ADDITIONAL INFORMATION.



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



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE:	AS SHOWN

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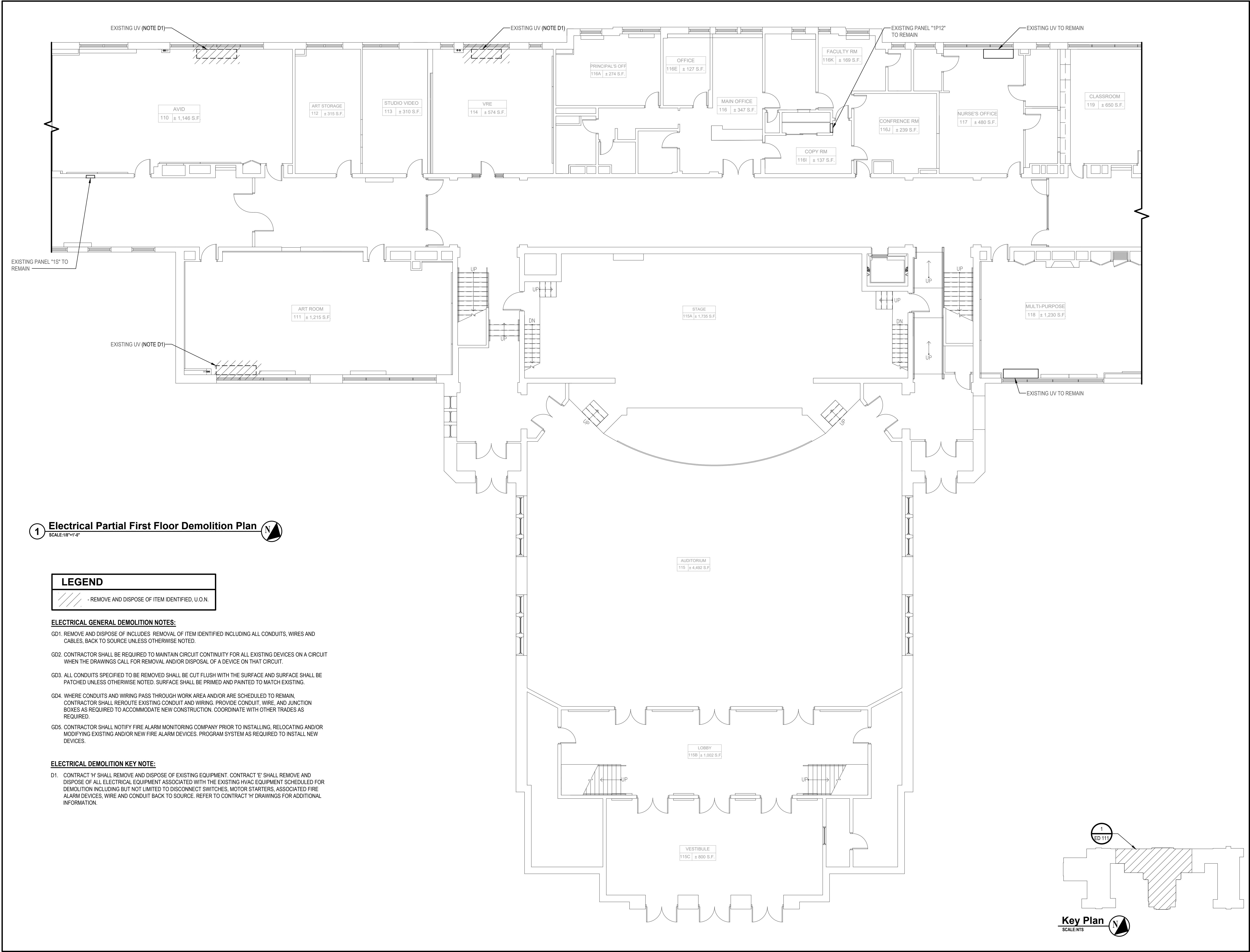
WHITE PLAINS CITY SCHOOL DISTRICT

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White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT	CONTRACT E ELECTRICAL CONSTRUCTION
STATUS	FINAL BID DOCUMENT
SHEET TITLE	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLAN
DRAWING No.	ED 110.00



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

LEGEND

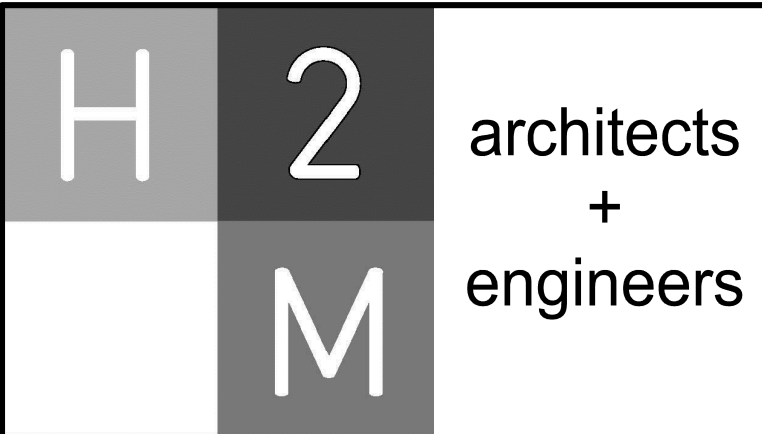
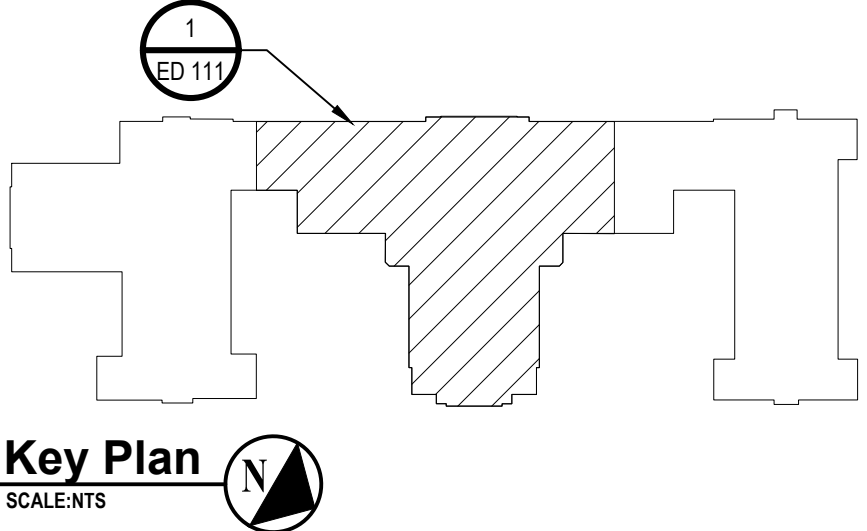
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- GD4. WHERE CONDUITS AND WIRING PASS THROUGH WORK AREA AND/OR ARE SCHEDULED TO REMAIN, CONTRACTOR SHALL REROUTE EXISTING CONDUIT AND WIRING. PROVIDE CONDUIT, WIRE, AND JUNCTION BOXES AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WITH OTHER TRADES AS REQUIRED.
- GD5. CONTRACTOR SHALL NOTIFY FIRE ALARM MONITORING COMPANY PRIOR TO INSTALLING, RELOCATING AND/OR MODIFYING EXISTING AND/OR NEW FIRE ALARM DEVICES. PROGRAM SYSTEM AS REQUIRED TO INSTALL NEW DEVICES.

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PROJECT NO: WPSPD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

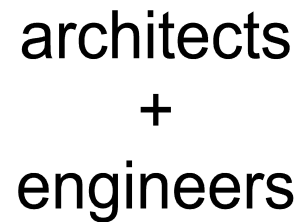
UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT	CONTRACT E ELECTRICAL CONSTRUCTION
STATUS	FINAL BID DOCUMENT
SHEET TITLE	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLAN
DRAWING No.	ED 111.00



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PROJECT No.: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

**WHITE PLAINS CITY
SCHOOL DISTRICT**

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

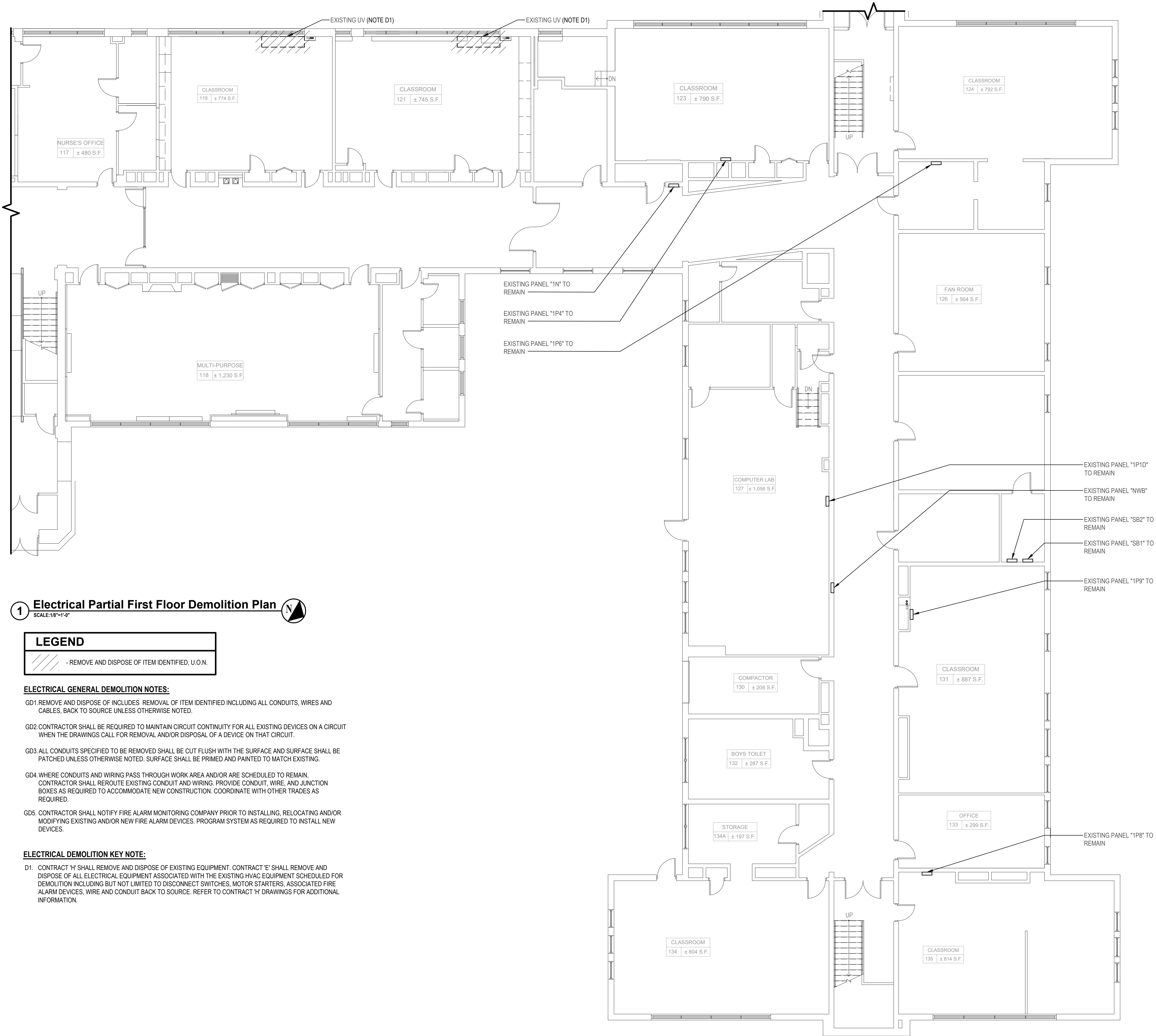
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NO. 66-22-00-01-0-003-017

CONTRACT E
ELECTRICAL CONSTRUCTION

FINAL BID DOCUMENT

ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLAN

ED 112.00



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

LEGEND

/// - REMOVE AND DISPOSE OF ITEM IDENTIFIED, U.O.N.

ELECTRICAL GENERAL DEMOLITION NOTES:

G01. REMOVE AND DISPOSE OF INCLUDES REMOVAL OF ITEM IDENTIFIED INCLUDING ALL CONDUITS, WIRES AND CABLES. BACK TO SOURCE UNLESS OTHERWISE NOTED.

G02. 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.

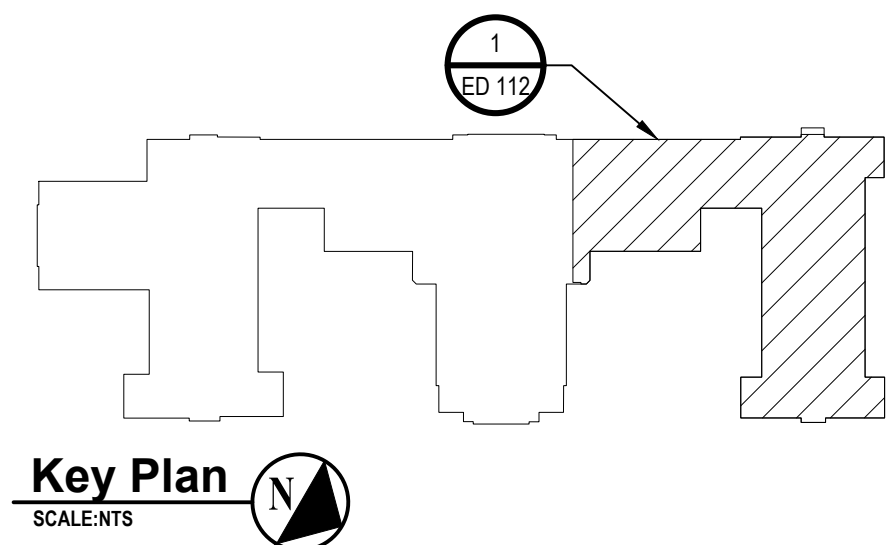
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G04. WHERE CONDUITS AND WIRING PASS THROUGH WORK AREA AND/OR ARE SCHEDULED TO REMAIN, CONTRACTOR SHALL REROUTE EXISTING CONDUIT AND WIRING. PROVIDE CONDUIT, WIRE, AND JUNCTION BOXES AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WITH OTHER TRADES AS REQUIRED.

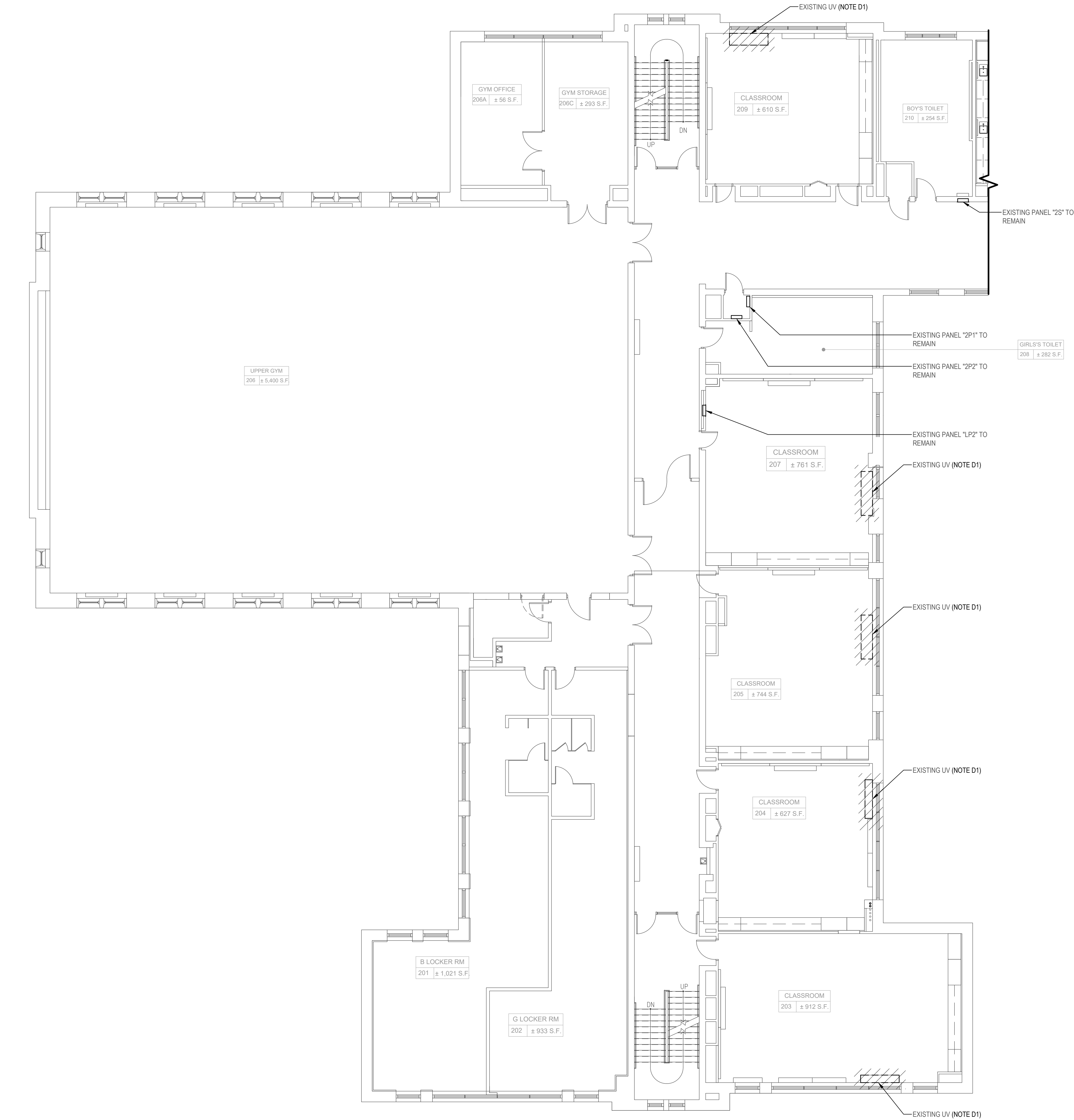
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Key Plan 
SCALE: NTS



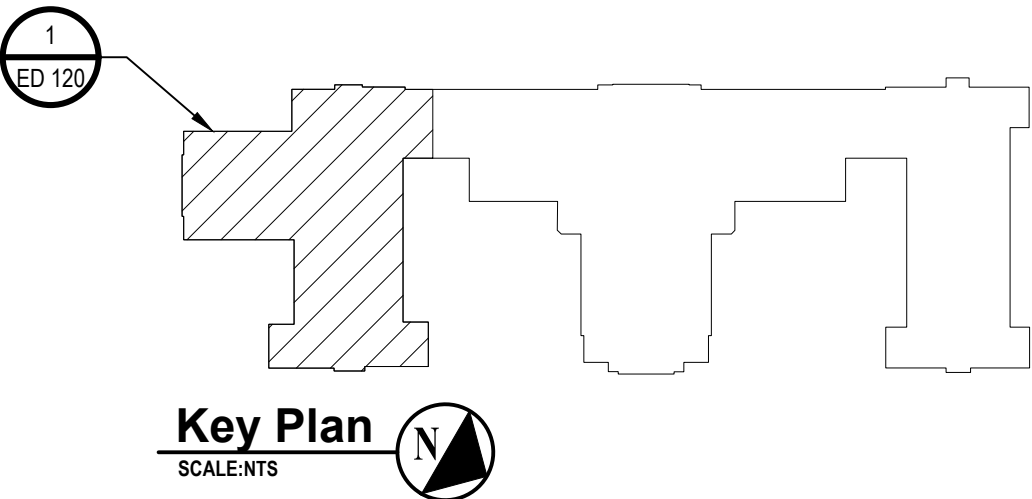
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- REMOVE AND DISPOSE OF ITEM IDENTIFIED, U.O.N.

ELECTRICAL GENERAL DEMOLITION NOTES:

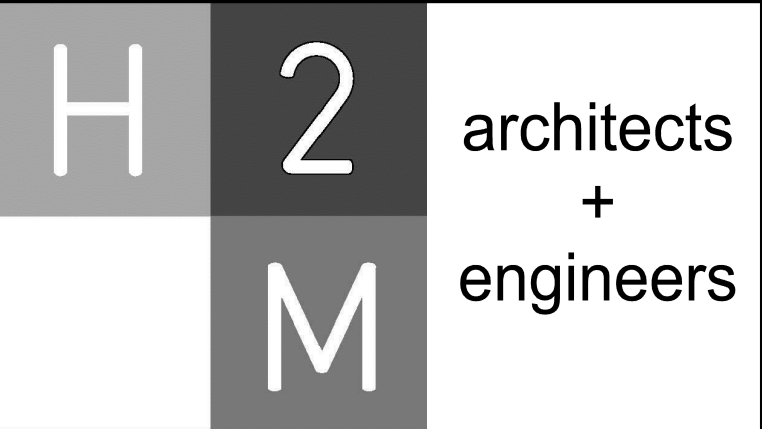
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1 Electrical Partial Second Floor Demolition Plan
SCALE: 1/8"=1'-0"



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

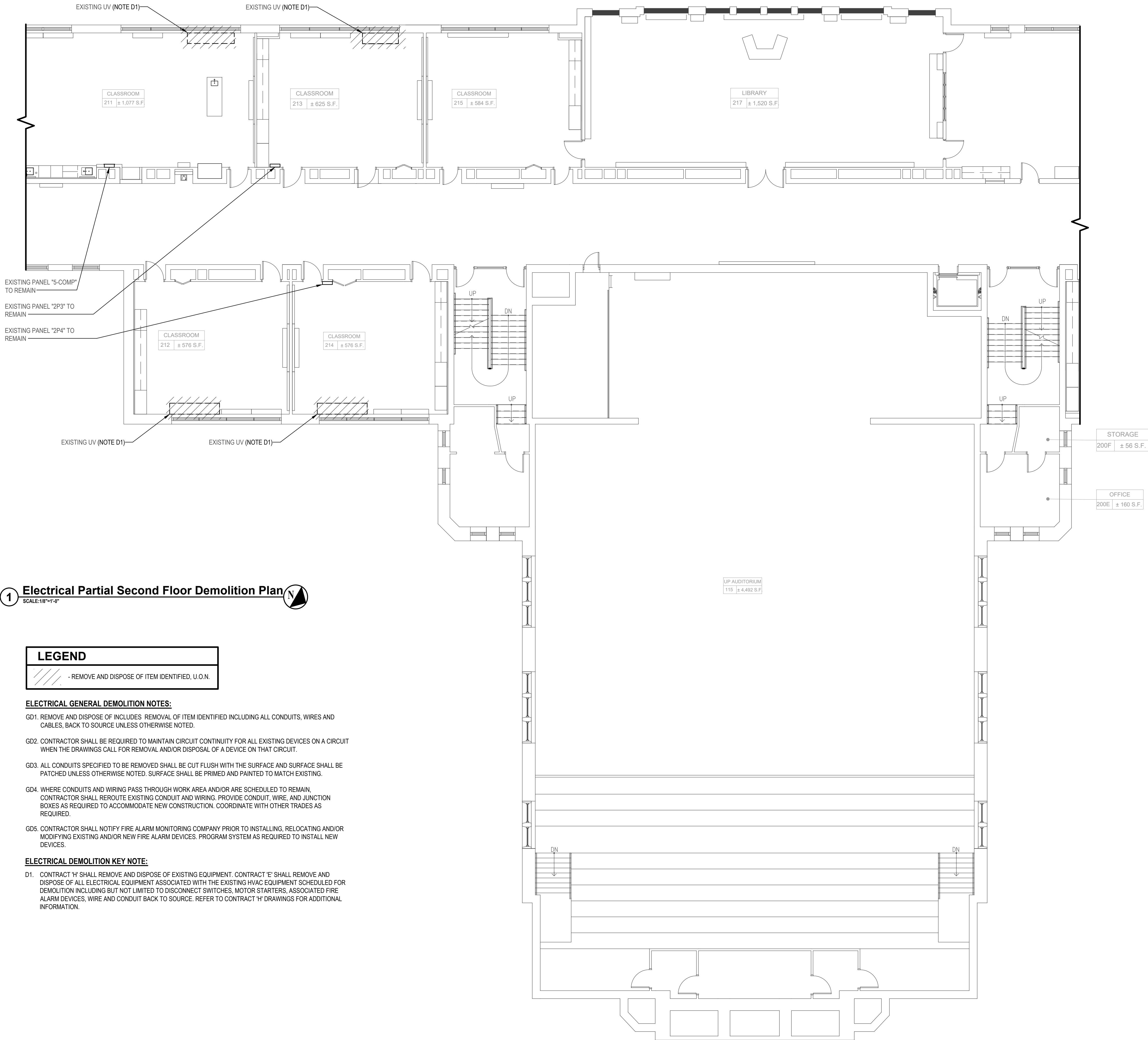
CONTRACT
CONTRACT E ELECTRICAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

SHEET TITLE
ELECTRICAL PARTIAL SECOND FLOOR DEMOLITION PLAN

DRAWING No.
ED 120.00

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1 Electrical Partial Second Floor Demolition Plan

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

LEGEND

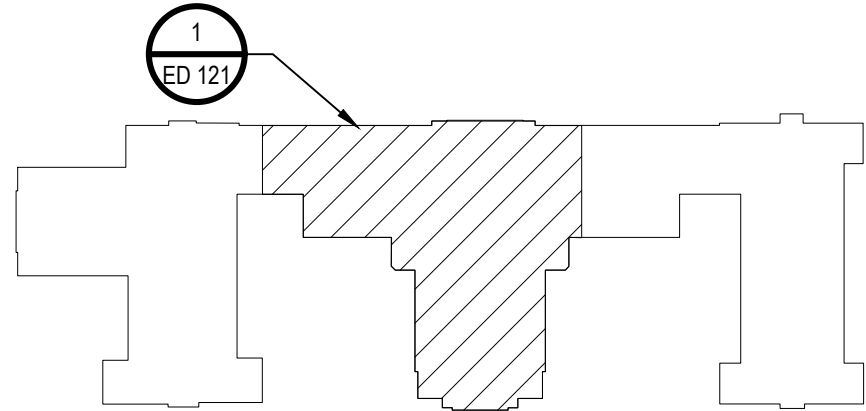
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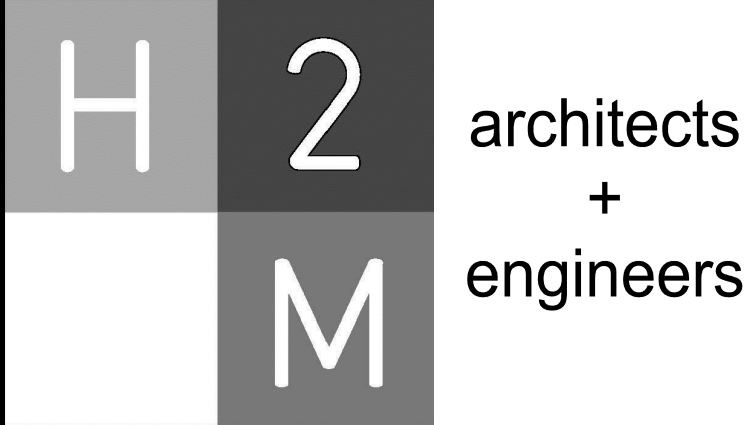
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Key Plan

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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

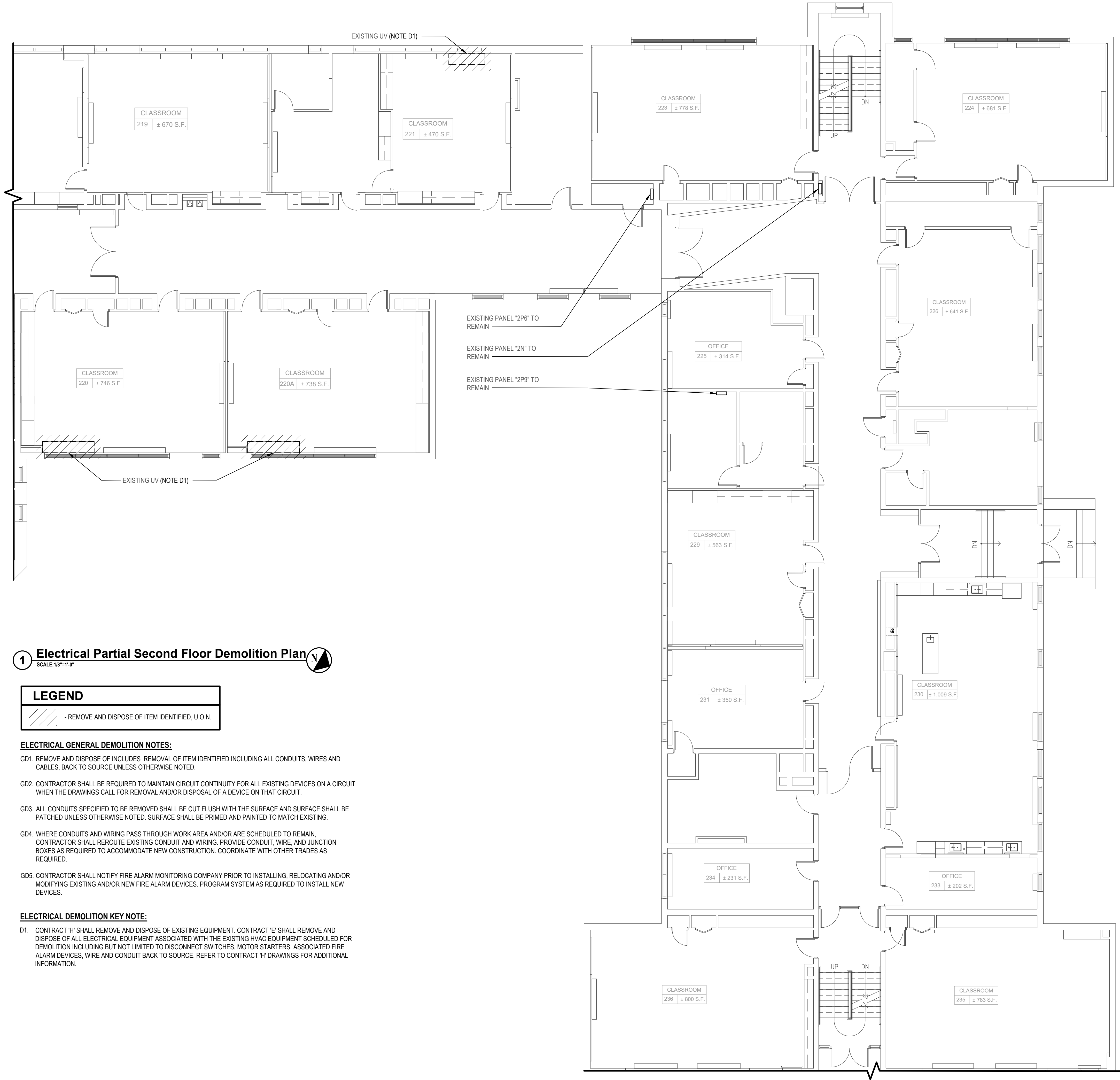


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**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT	CONTRACT E ELECTRICAL CONSTRUCTION
STATUS	FINAL BID DOCUMENT
SHEET TITLE	ELECTRICAL PARTIAL SECOND FLOOR DEMOLITION PLAN
DRAWING No.	ED 121.00

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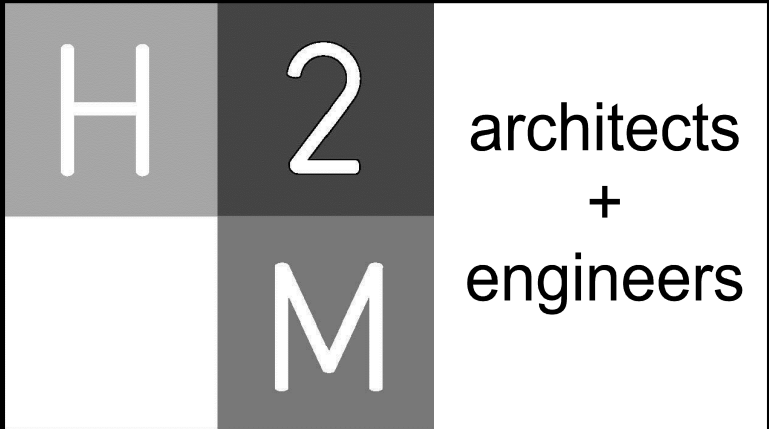
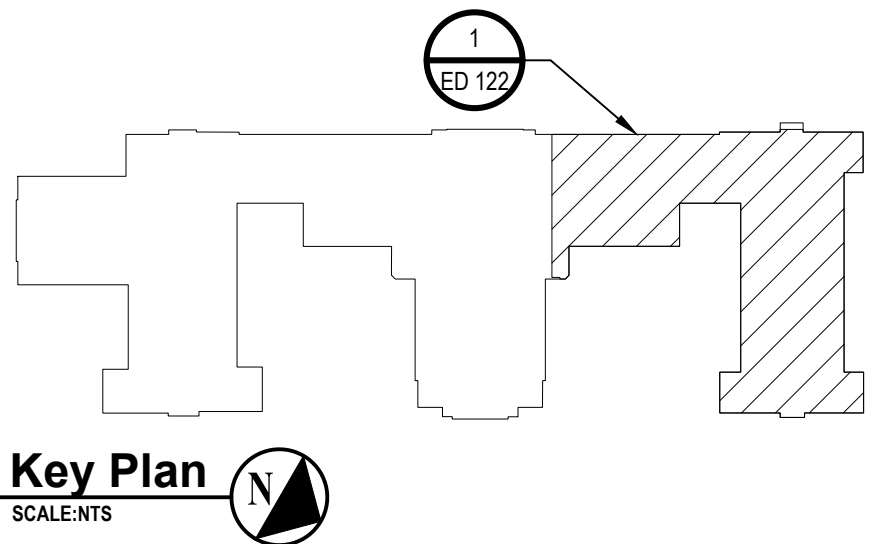


1 Electrical Partial Second Floor Demolition Plan
SCALE: 1/8"=1'-0"

LEGEND
- REMOVE AND DISPOSE OF ITEM IDENTIFIED, U.O.N.

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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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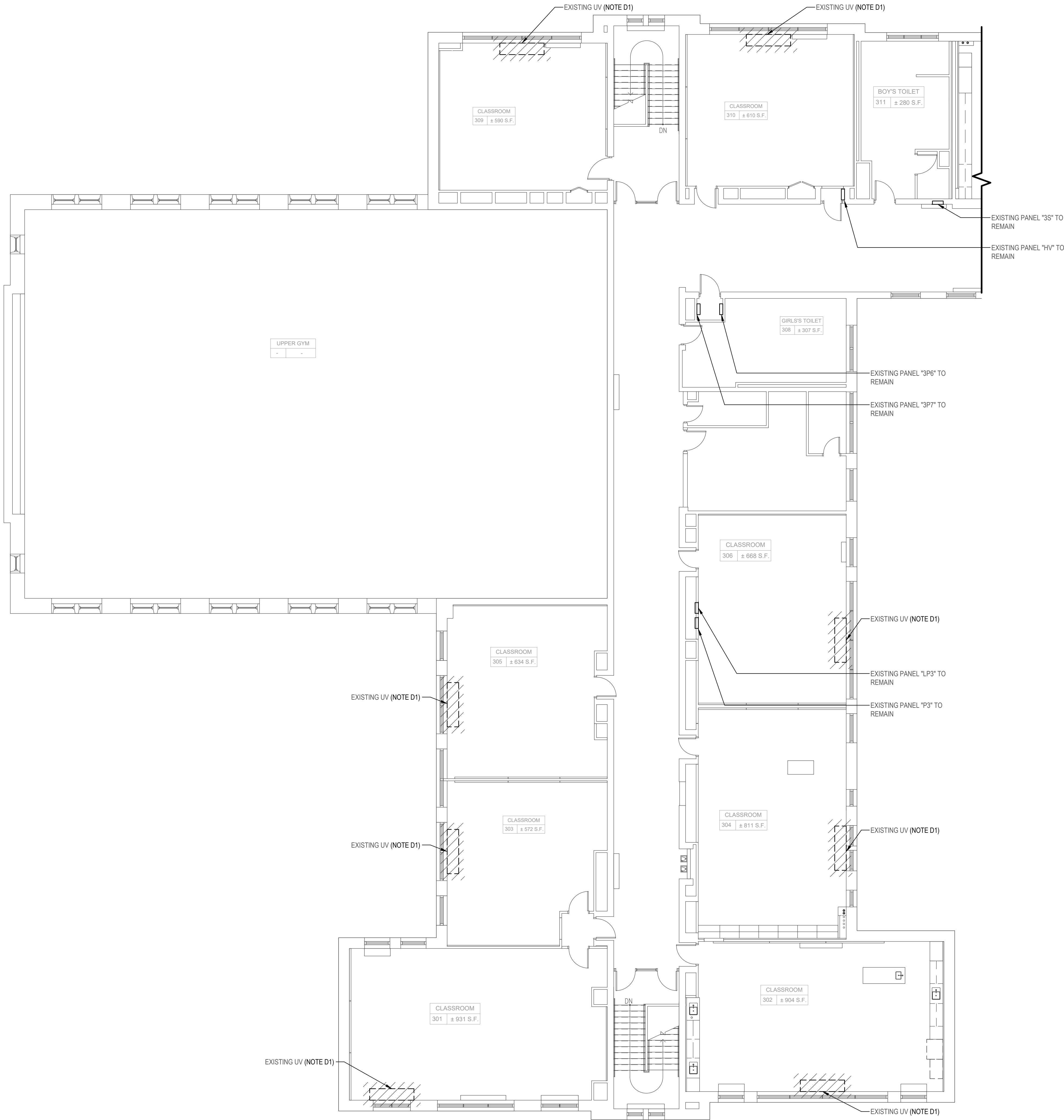
WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

**350 Main Street
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STATUS	FINAL BID DOCUMENT
SHEET TITLE	ELECTRICAL PARTIAL SECOND FLOOR DEMOLITION PLAN
DRAWING No.	ED 122.00



LEGEND

REMOVE AND DISPOSE OF ITEM IDENTIFIED, U.O.N.

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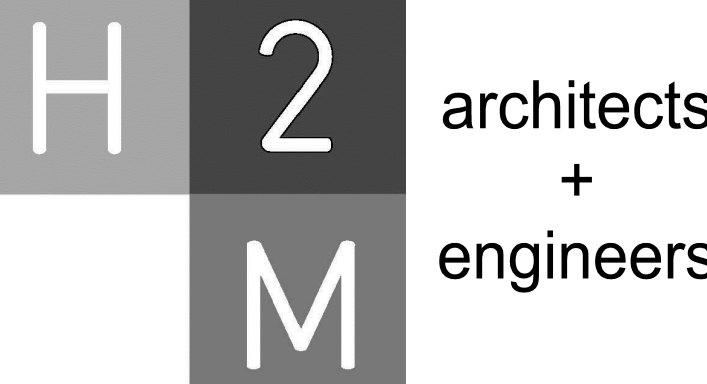
1 Electrical Partial Third Floor Demolition Plan

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

1
ED 130

Key Plan

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



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



350 Main Street
White Plains, NY 10601

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NO. 66-22-00-01-0-003-017**

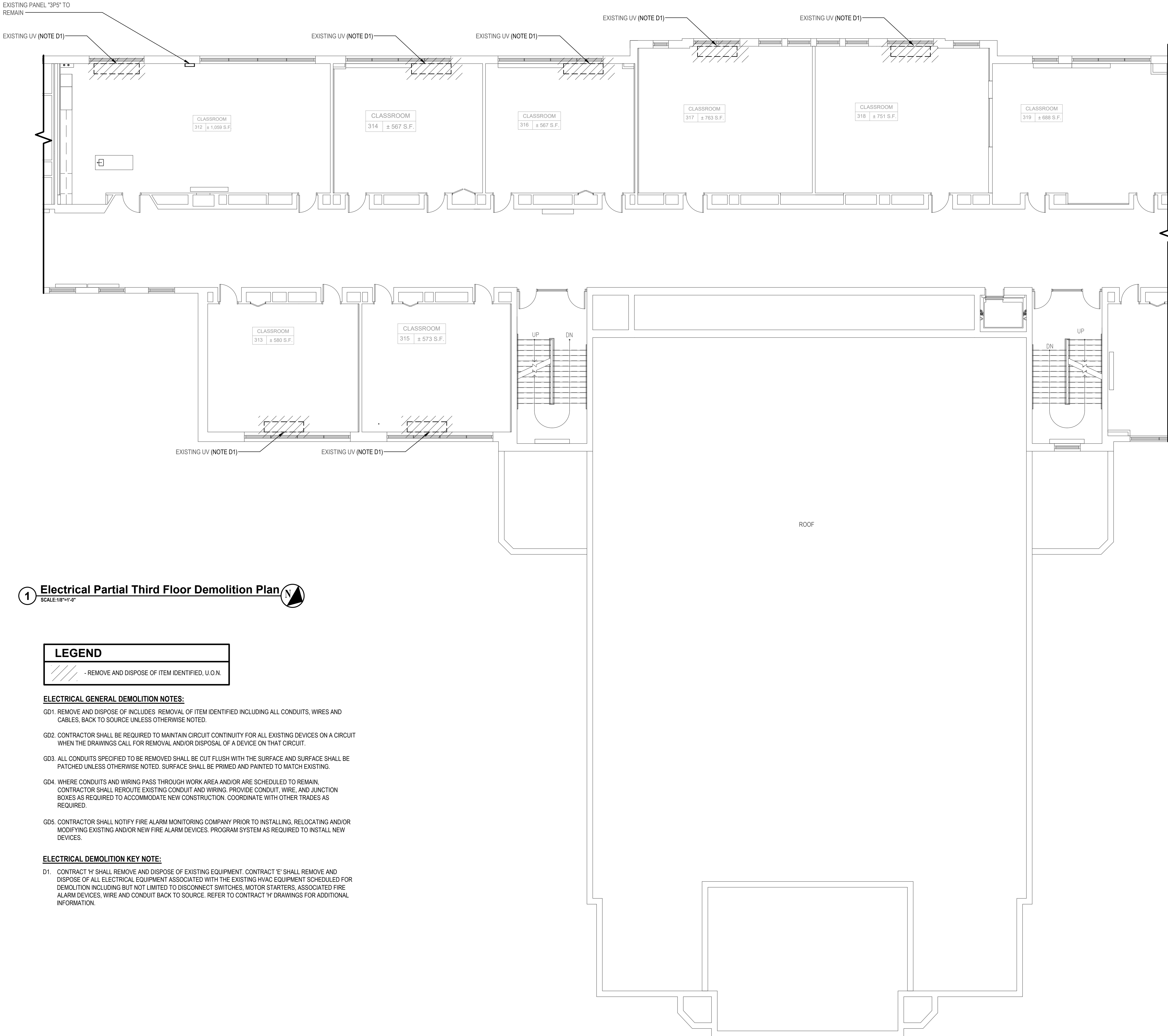
CONTRACT
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ELECTRICAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**ELECTRICAL PARTIAL THIRD
FLOOR DEMOLITION PLAN**

DRAWING No.
ED 130.00

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

LEGEND

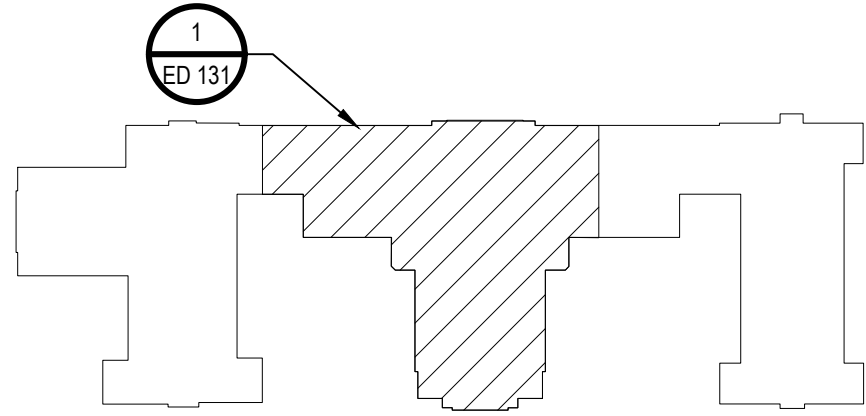
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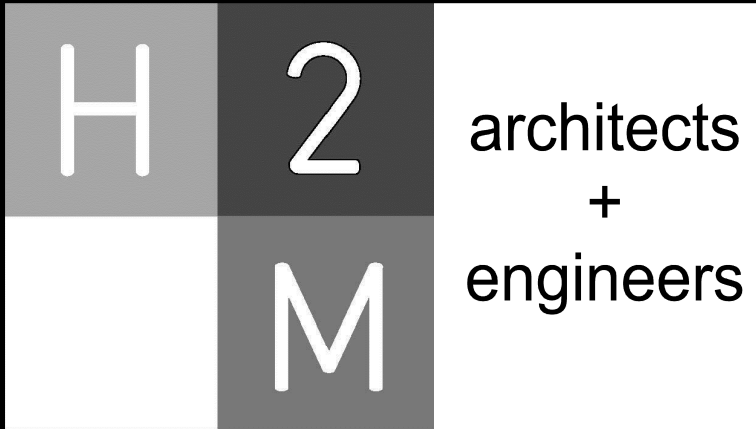
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Key Plan
SCALE:1/8"=1'-0"



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
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**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

FINAL BID DOCUMENT

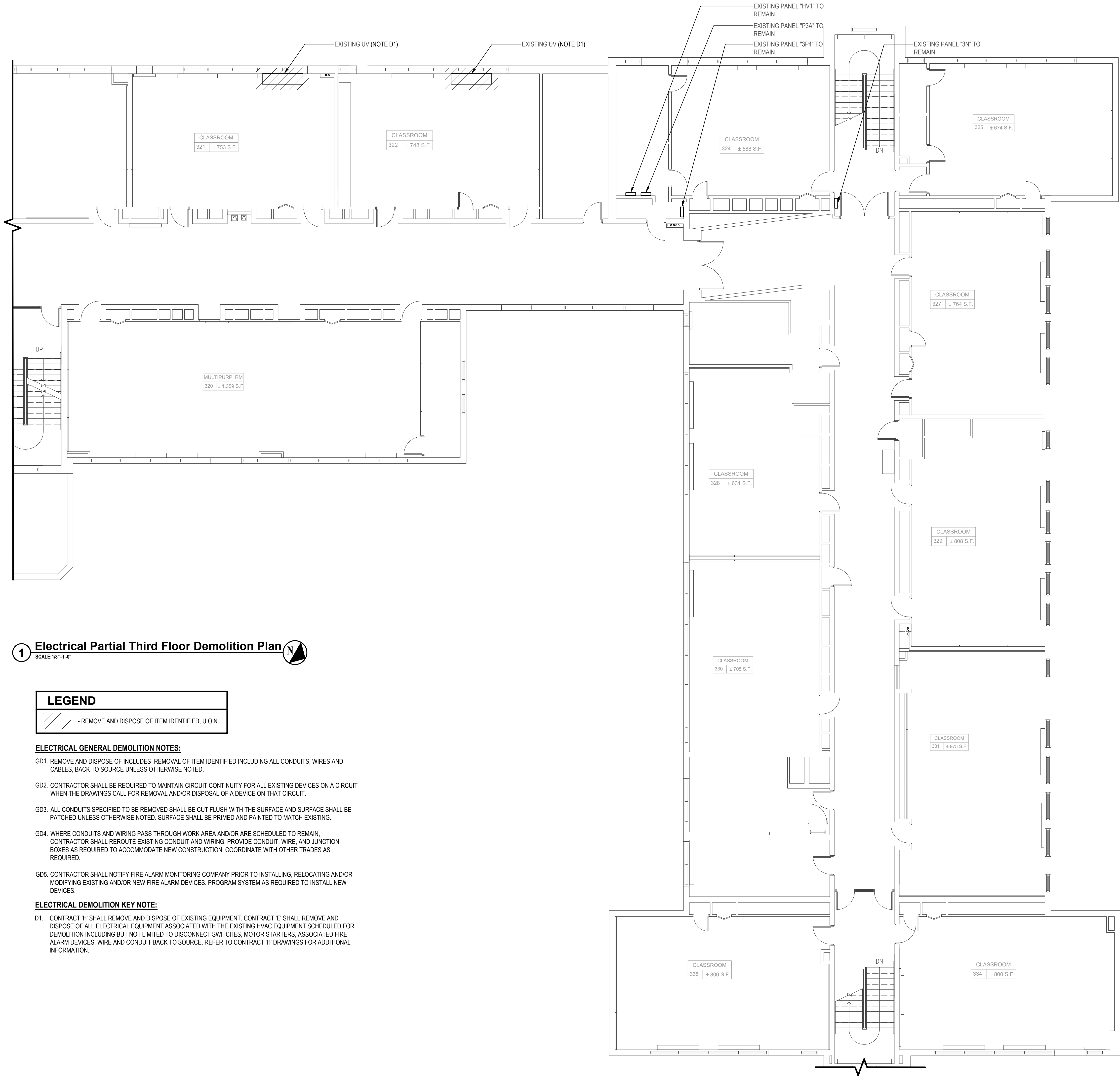
SHEET TITLE

ELECTRICAL PARTIAL THIRD FLOOR DEMOLITION PLAN

DRAWING No.

ED 131.00

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1 Electrical Partial Third Floor Demolition Plan

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



LEGEND

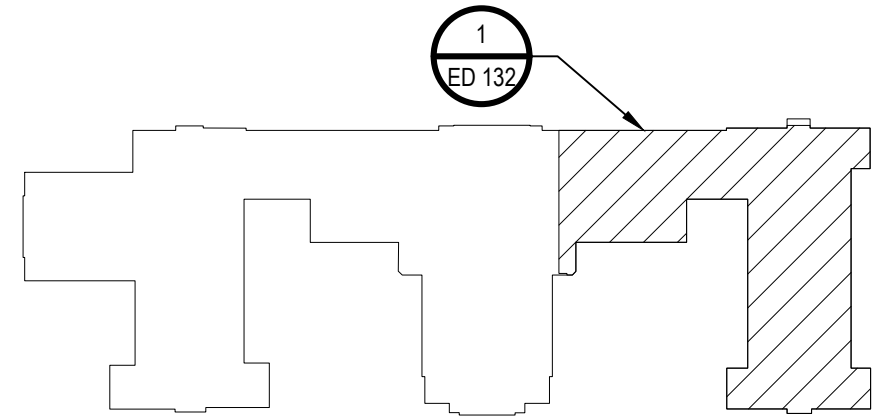
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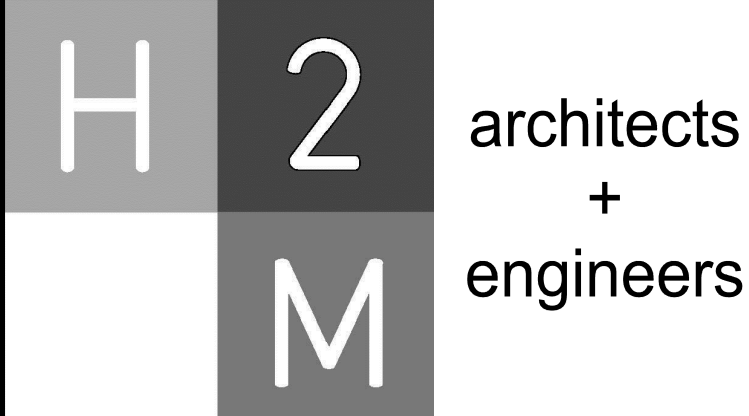
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**WHITE PLAINS CITY
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**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**



**350 Main Street
White Plains, NY 10601**

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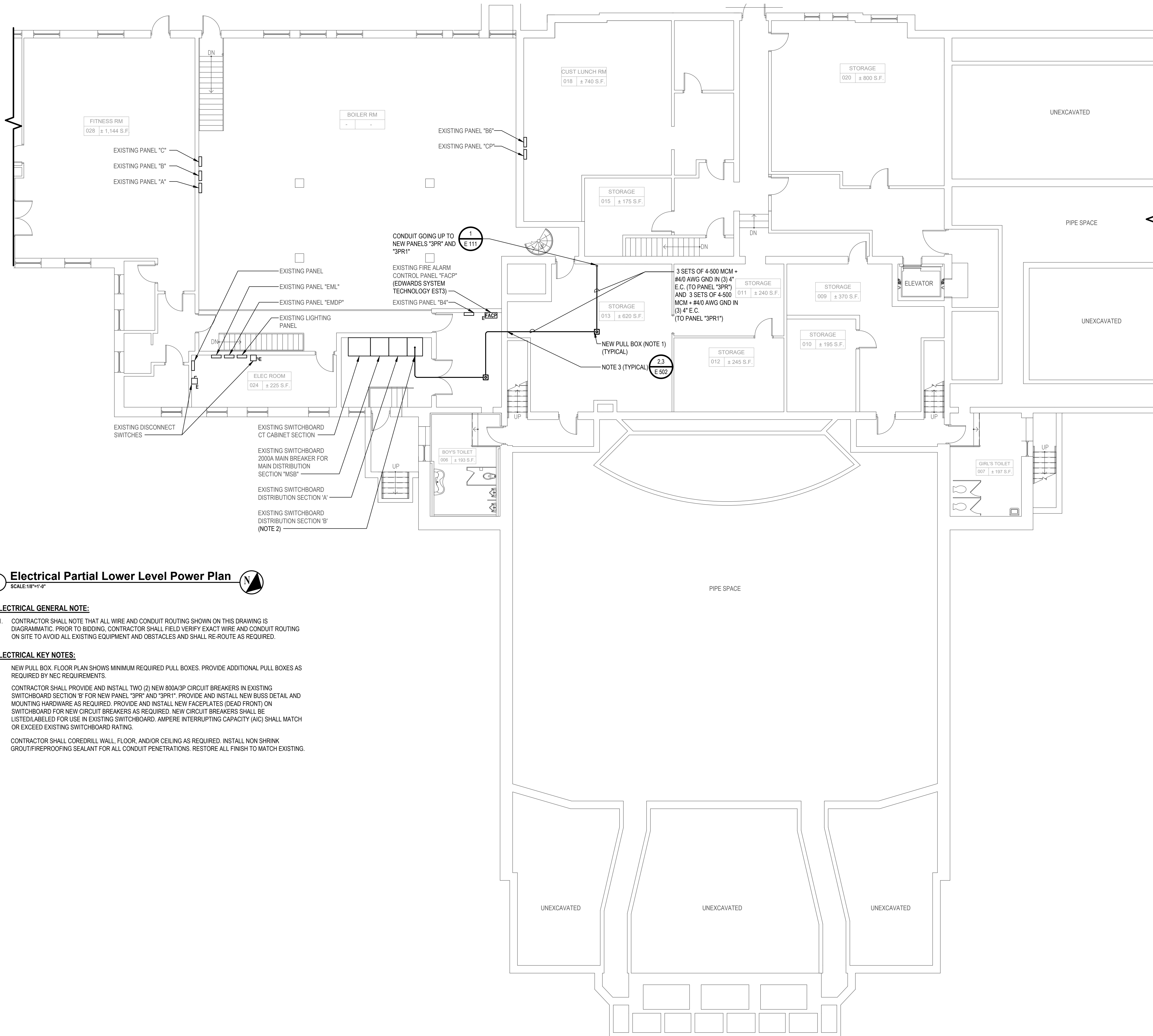
CONTRACT
**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**ELECTRICAL PARTIAL THIRD
FLOOR DEMOLITION PLAN**

DRAWING No.
ED 132.00

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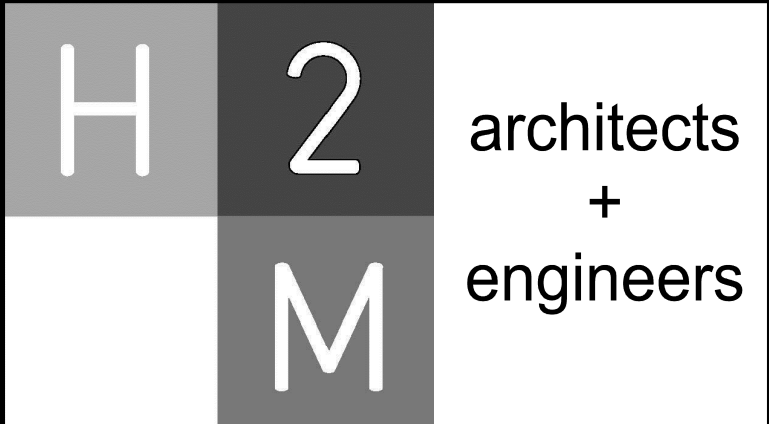
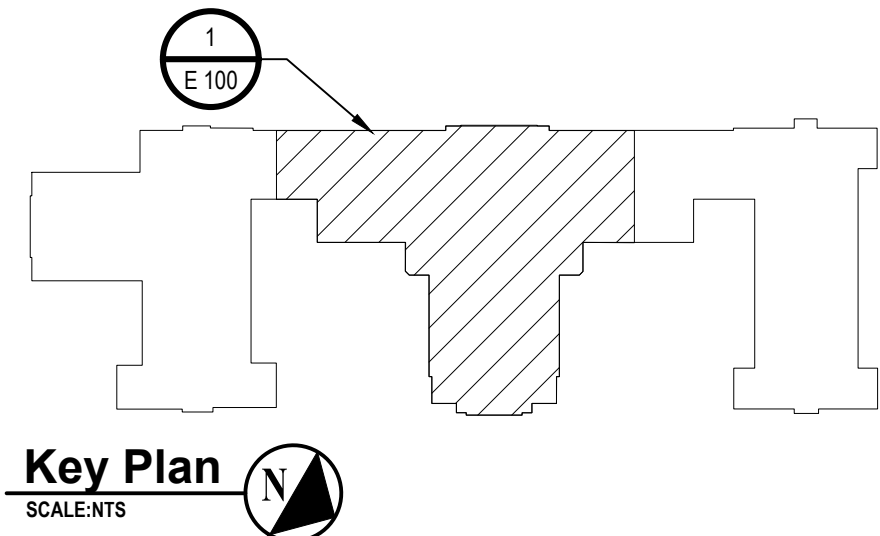


1 Electrical Partial Lower Level Power Plan
SCALE: 1/8"=1'-0"

ELECTRICAL GENERAL NOTE:

G1. CONTRACTOR SHALL NOTE THAT ALL WIRE AND CONDUIT ROUTING SHOWN ON THIS DRAWING IS DIAGRAMMATIC. PRIOR TO BIDDING, CONTRACTOR SHALL FIELD VERIFY EXACT WIRE AND CONDUIT ROUTING ON SITE TO AVOID ALL EXISTING EQUIPMENT AND OBSTACLES AND SHALL RE-ROUTE AS REQUIRED.

- ELECTRICAL KEY NOTES:**
1. NEW PULL BOX. FLOOR PLAN SHOWS MINIMUM REQUIRED PULL BOXES. PROVIDE ADDITIONAL PULL BOXES AS REQUIRED BY NEC REQUIREMENTS.
 2. CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) NEW 800A/3P CIRCUIT BREAKERS IN EXISTING SWITCHBOARD SECTION 'B' FOR NEW PANEL '3PR' AND '3PR1'. PROVIDE AND INSTALL NEW BUSS DETAIL AND MOUNTING HARDWARE AS REQUIRED. PROVIDE AND INSTALL NEW FACEPLATES (DEAD FRONT) ON SWITCHBOARD FOR NEW CIRCUIT BREAKERS AS REQUIRED. NEW CIRCUIT BREAKERS SHALL BE LISTED/LABELED FOR USE IN EXISTING SWITCHBOARD. AMPERE INTERRUPTING CAPACITY (AIC) SHALL MATCH OR EXCEED EXISTING SWITCHBOARD RATING.
 3. CONTRACTOR SHALL COREDRILL WALL, FLOOR, AND/OR CEILING AS REQUIRED. INSTALL NON SHRINK GROUT/FIREPROOFING SEALANT FOR ALL CONDUIT PENETRATIONS. RESTORE ALL FINISH TO MATCH EXISTING.



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**

350 Main Street
White Plains, NY 10601

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT	CONTRACT E ELECTRICAL CONSTRUCTION
STATUS	FINAL BID DOCUMENT
SHEET TITLE	ELECTRICAL PARTIAL LOWER LEVEL POWER PLAN
DRAWING No.	E 100.00

MARK	DATE	DESCRIPTION
-	02-03-2023	FINAL BID DOCUMENT



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**UV REPLACEMENTS AT
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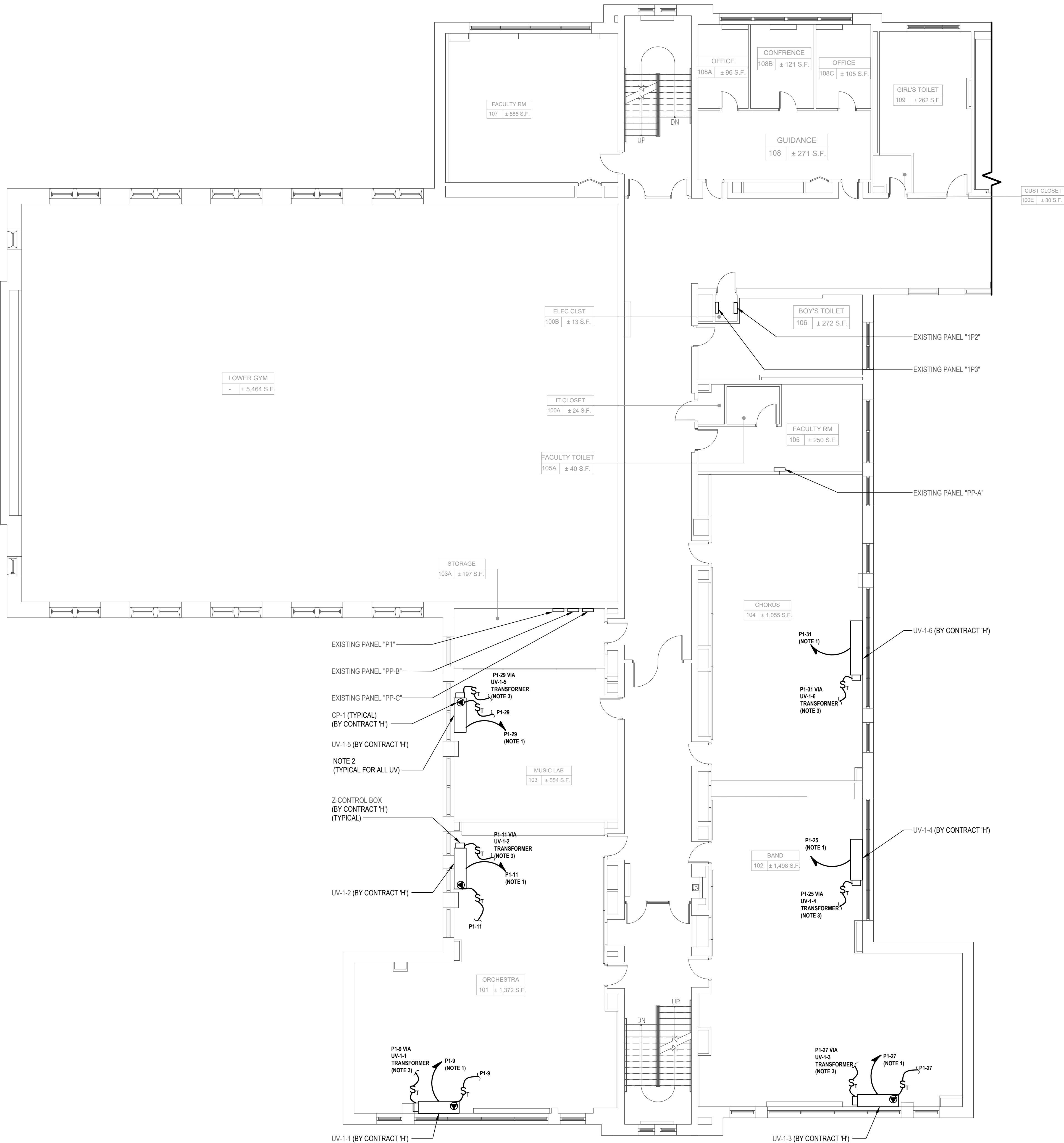
STATUS
FINAL BID DOCUMENT

SHEET TITLE
**ELECTRICAL PARTIAL FIRST
FLOOR HVAC POWER PLAN**

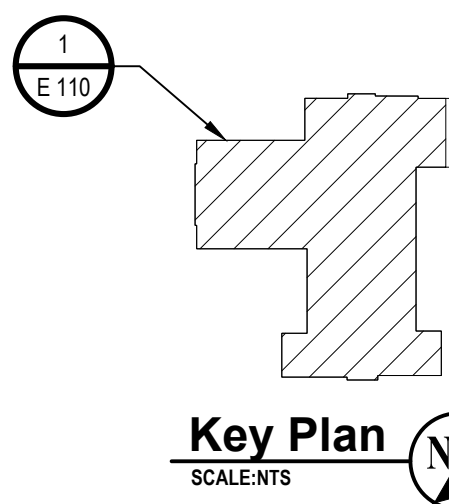
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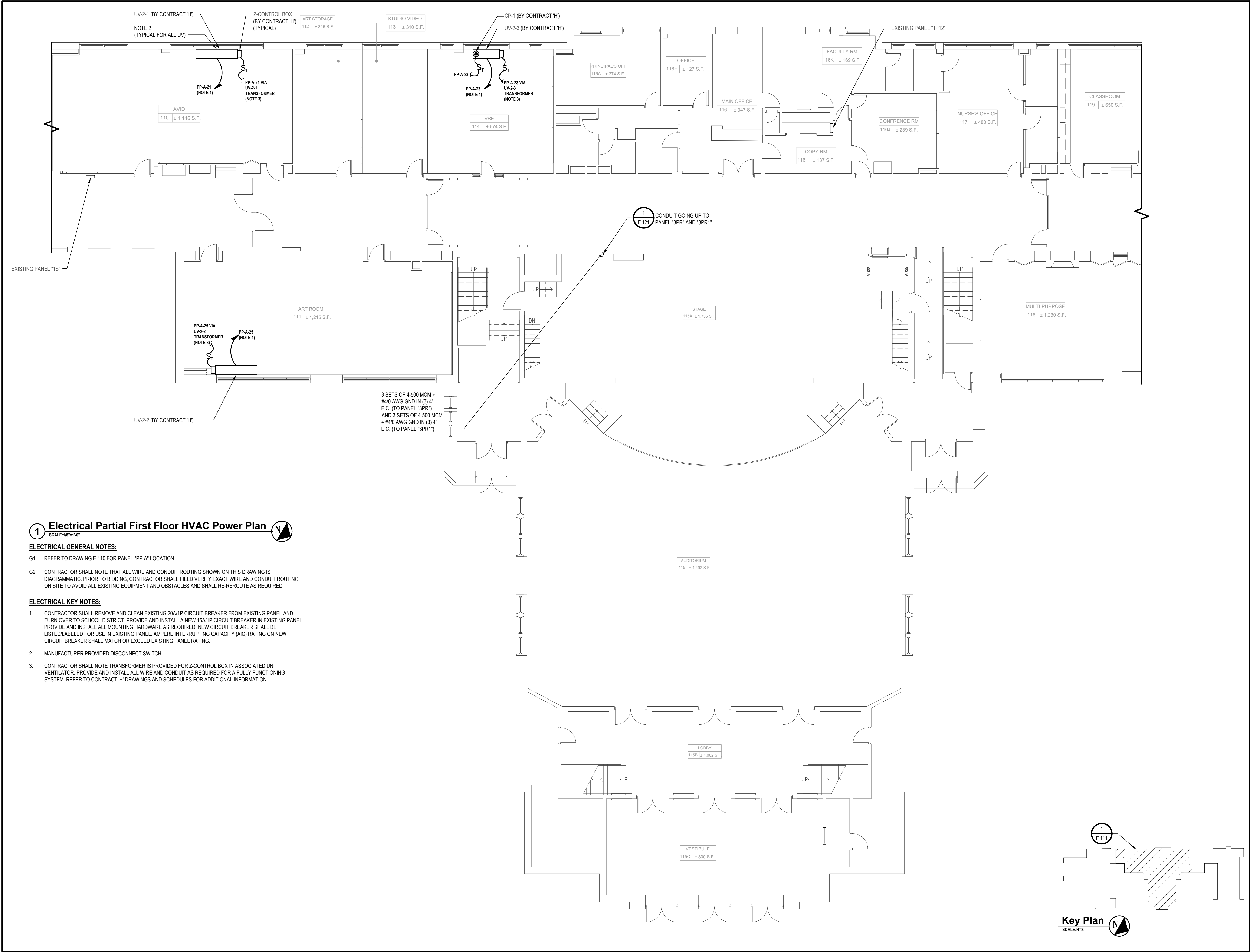
ELECTRICAL KEY NOTES:

- CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/1P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. PROVIDE AND INSTALL A NEW 15A/1P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
- MANUFACTURER PROVIDED DISCONNECT SWITCH.
- CONTRACTOR SHALL NOTE TRANSFORMER IS PROVIDED FOR Z-CONTROL BOX IN ASSOCIATED UNIT VENTILATOR. PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM. REFER TO CONTRACT 'H' DRAWINGS AND SCHEDULES FOR ADDITIONAL INFORMATION.



1 Electrical Partial First Floor HVAC Power Plan
SCALE: 1/8"=1'-0"





H2M

architects
+
engineers

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Purchase, NY 10577
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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	02-03-2023	FINAL BID DOCUMENT

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DESIGNED BY: SAN	DRAWN BY: SAN	CHECKED BY:	REVIEWED BY:
PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT

**WHITE PLAINS CITY
SCHOOL DISTRICT**

**UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL**

**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

FINAL BID DOCUMENT

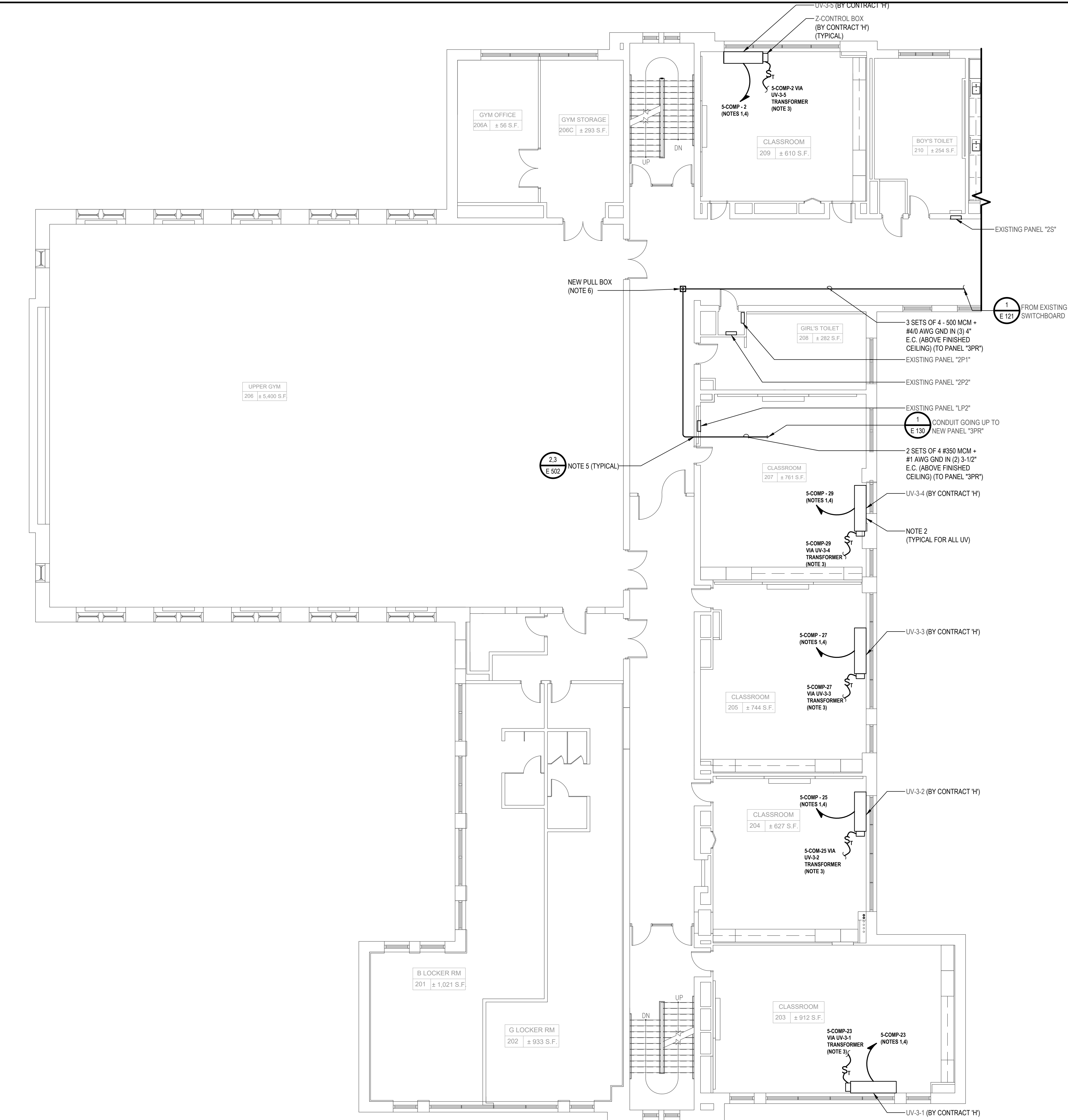
SHEET TITLE

**ELECTRICAL PARTIAL FIRST FLOOR
HVAC POWER PLAN**

DRAWING No.

E 111.00

X:\WPSD\White Plains Central School District - 10591\WPSD2114 - (Eastview UV Replacements)\02-Bid\ACAD\CD\Con documents\E 111 Electrical Partial First Floor HVAC Power Plan.dwg, Last Modified: Jan 31, 2023 - 12:28pm Plotted on: Feb 03, 2023 - 9:42am By: single



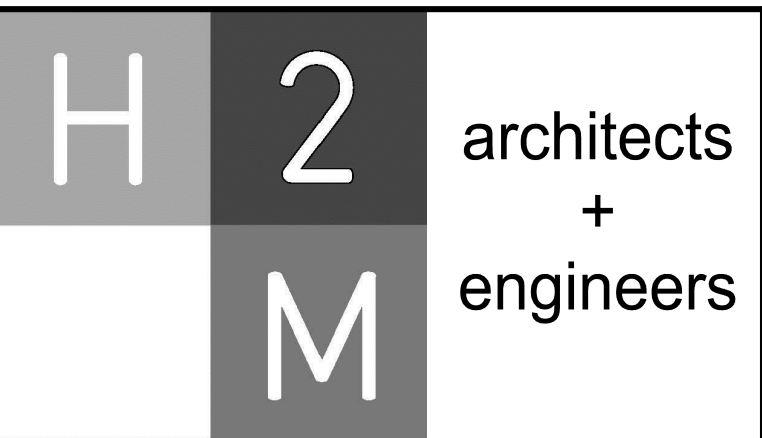
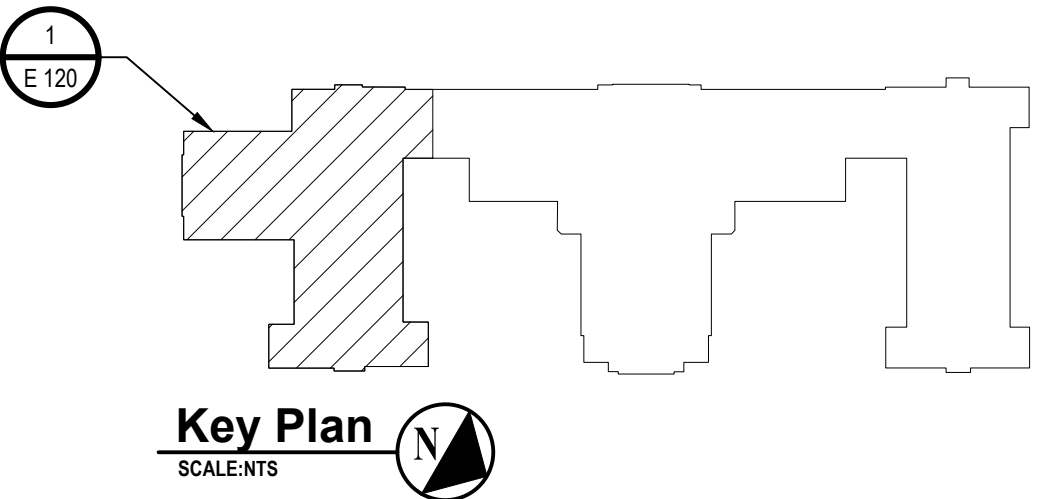
1 Electrical Partial Second Floor HVAC Power Plan
SCALE: 1/8"=1'-0"

ELECTRICAL GENERAL NOTE:

- G1. REFER TO DRAWING E 121 FOR PANEL "5-COMP" LOCATION.
- G2. CONTRACTOR SHALL NOTE THAT ALL WIRE AND CONDUIT ROUTING SHOWN ON THIS DRAWING IS DIAGRAMMATIC. PRIOR TO BIDDING, CONTRACTOR SHALL FIELD VERIFY EXACT WIRE AND CONDUIT ROUTING ON SITE TO AVOID ALL EXISTING EQUIPMENT AND OBSTACLES AND SHALL RE-ROUTE AS REQUIRED.

ELECTRICAL KEY NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/1P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
2. MANUFACTURER PROVIDED DISCONNECT SWITCH.
3. CONTRACTOR SHALL NOTE TRANSFORMER IS PROVIDED FOR Z-CONTROL BOX IN ASSOCIATED UNIT VENTILATOR. PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM. REFER TO CONTRACT 'H' DRAWINGS AND SCHEDULES FOR ADDITIONAL INFORMATION.
4. CONTRACTOR SHALL CUT BLOCK/PLASTER WALL AS REQUIRED TO RECESS NEW CONDUIT ABOVE EXISTING RECESSED MOUNTED PANEL. PATCH, PRIME AND PAINT WALL TO MATCH EXISTING.
5. CONTRACTOR SHALL COREDRILL WALL AND FLOOR AS REQUIRED. INSTALL NON SHRINK GROUT/FIREPROOFING SEALANT FOR ALL CONDUIT PENETRATIONS. RESTORE ALL FINISH TO MATCH EXISTING.
6. NEW PULL BOX. FLOOR PLAN SHOWS MINIMUM REQUIRED PULL BOXES. PROVIDE ADDITIONAL PULL BOXES AS REQUIRED BY NEC REQUIREMENTS.



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

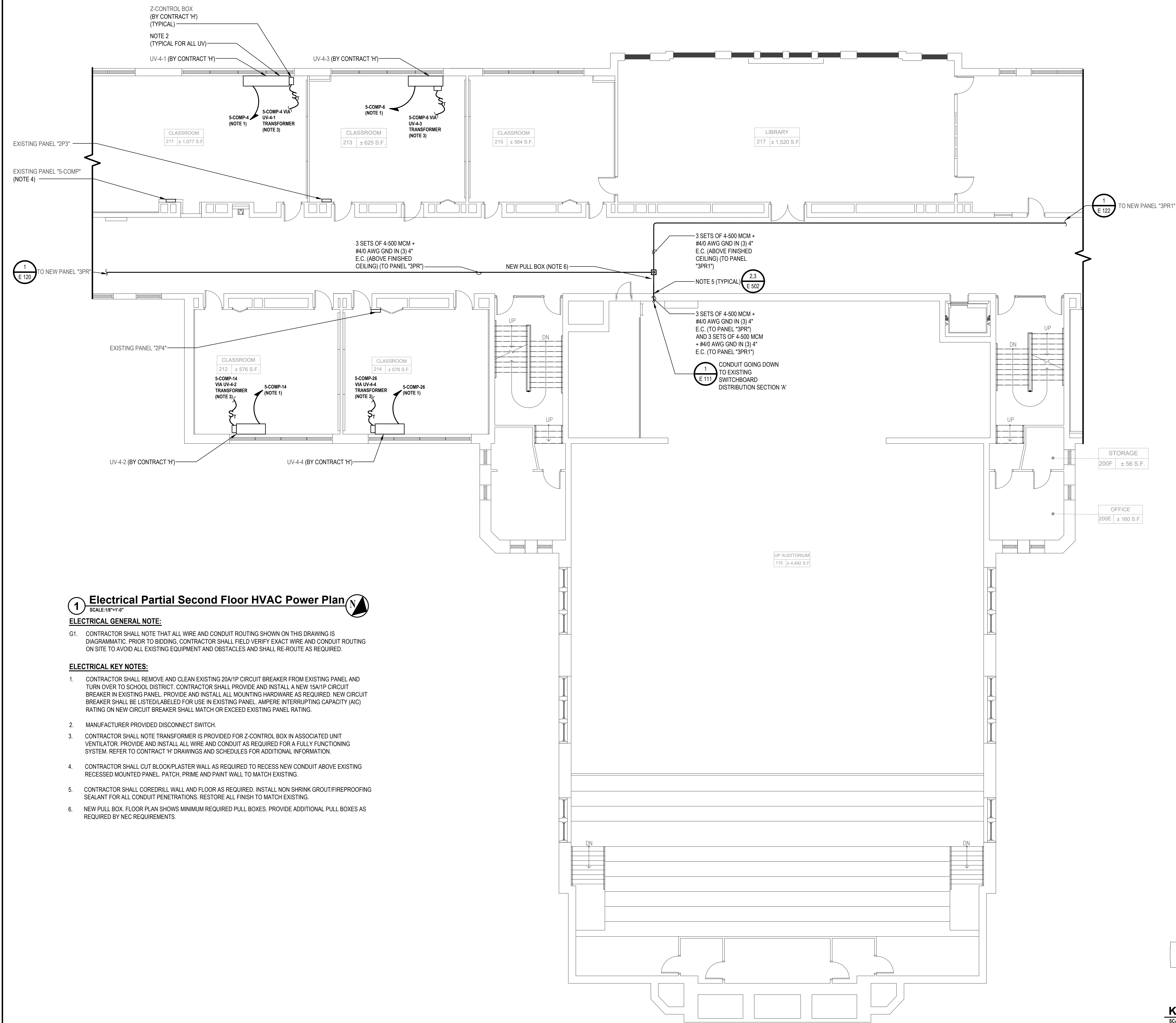
FINAL BID DOCUMENT

SHEET TITLE

ELECTRICAL PARTIAL SECOND FLOOR HVAC POWER PLAN

DRAWING No.

E 120.00



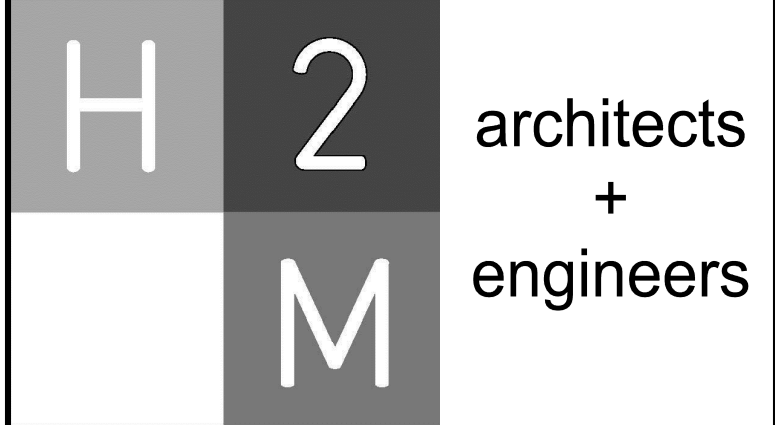
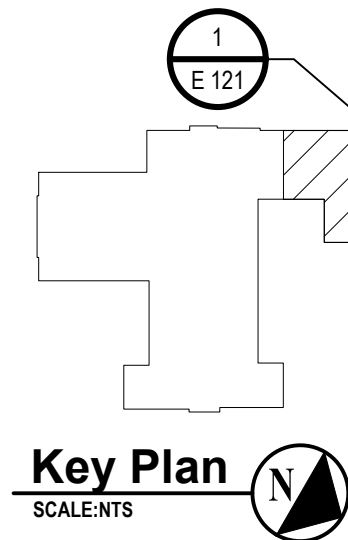
1 Electrical Partial Second Floor HVAC Power Plan
SCALE:1/8"=1'-0"

ELECTRICAL GENERAL NOTE:

G1. CONTRACTOR SHALL NOTE THAT ALL WIRE AND CONDUIT ROUTING SHOWN ON THIS DRAWING IS DIAGRAMMATIC. PRIOR TO BIDDING, CONTRACTOR SHALL FIELD VERIFY EXACT WIRE AND CONDUIT ROUTING ON SITE TO AVOID ALL EXISTING EQUIPMENT AND OBSTACLES AND SHALL RE-ROUTE AS REQUIRED.

ELECTRICAL KEY NOTES:

- CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/1P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/1P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
- MANUFACTURER PROVIDED DISCONNECT SWITCH.
- CONTRACTOR SHALL NOTE TRANSFORMER IS PROVIDED FOR Z-CONTROL BOX IN ASSOCIATED UNIT VENTILATOR. PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM. REFER TO CONTRACT 'H' DRAWINGS AND SCHEDULES FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL CUT BLOCK/PLASTER WALL AS REQUIRED TO RECESS NEW CONDUIT ABOVE EXISTING RECESSED MOUNTED PANEL. PATCH, PRIME AND PAINT WALL TO MATCH EXISTING.
- CONTRACTOR SHALL CORE/DRILL WALL AND FLOOR AS REQUIRED. INSTALL NON SHRINK GROUT/FIREPROOFING SEALANT FOR ALL CONDUIT PENETRATIONS. RESTORE ALL FINISH TO MATCH EXISTING.
- NEW PULL BOX. FLOOR PLAN SHOWS MINIMUM REQUIRED PULL BOXES. PROVIDE ADDITIONAL PULL BOXES AS REQUIRED BY NEC REQUIREMENTS.



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE:	AS SHOWN

CLIENT

WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL

**350 Main Street
White Plains, NY 10601**

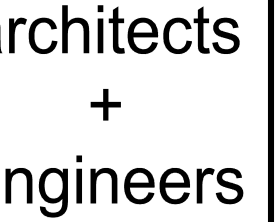
**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT
CONTRACT E ELECTRICAL CONSTRUCTION

STATUS
FINAL BID DOCUMENT

SHEET TITLE
ELECTRICAL PARTIAL SECOND FLOOR HVAC POWER PLAN

DRAWING No.
E 121.00



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PROJECT No.: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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**WHITE PLAINS CITY
SCHOOL DISTRICT**

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

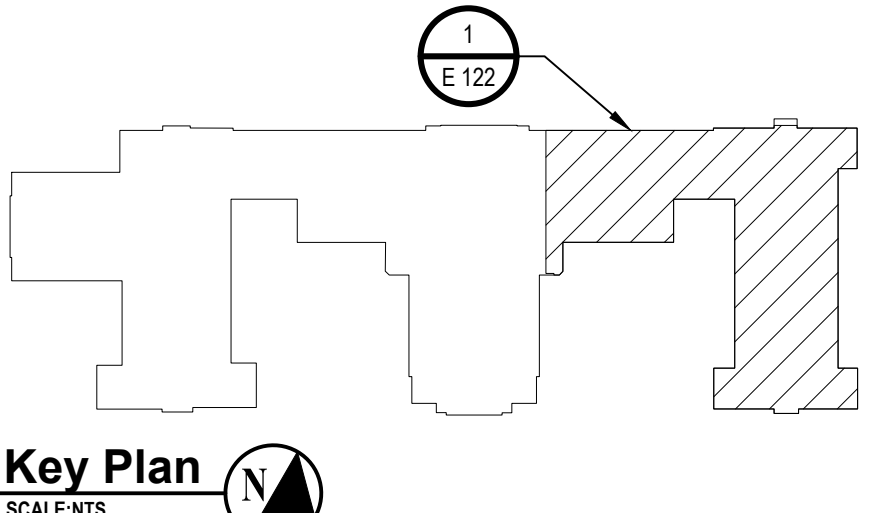
FINAL BID DOCUMENT

SHEET TITLE

ELECTRICAL PARTIAL SECOND FLOOR HVAC POWER PLAN

DRAWING No.

E 122.00



1 Electrical Partial Second Floor HVAC Power Plan
SCALE: 1/8"=1'-0"

ELECTRICAL GENERAL NOTE:

G1. CONTRACTOR SHALL NOTE THAT ALL WIRE AND CONDUIT ROUTING SHOWN ON THIS DRAWING IS DIAGRAMMATIC. PRIOR TO BIDDING, CONTRACTOR SHALL FIELD VERIFY EXACT WIRE AND CONDUIT ROUTING ON SITE TO AVOID ALL EXISTING EQUIPMENT AND OBSTACLES AND SHALL RE-ROUTE AS REQUIRED.

ELECTRICAL KEY NOTES:

1. CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/1P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/1P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
2. MANUFACTURER PROVIDED DISCONNECT SWITCH.
3. CONTRACTOR SHALL NOTE TRANSFORMER IS PROVIDED FOR Z-CONTROL BOX IN ASSOCIATED UNIT VENTILATOR. PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM. REFER TO CONTRACT 'H' DRAWINGS AND SCHEDULES FOR ADDITIONAL INFORMATION.
4. CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/2P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/2P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.

Z-CONTROL BOX
(BY CONTRACT 'H')
(TYPICAL)

UV-6-3 (BY CONTRACT 'H')

EXISTING PANEL "3P5"

UV-6-5 (BY CONTRACT 'H')

UV-7-1 (BY CONTRACT 'H')

UV-7-2 (BY CONTRACT 'H')

UV-7-3 (BY CONTRACT 'H')

HV-27
(NOTE 1)

HV-27 VIA
UV-6-3
TRANSFORMER
(NOTE 3)

CLASSROOM
312 ± 1,059 S.F.

HV-29
(NOTE 1)

HV-29 VIA
UV-6-5
TRANSFORMER
(NOTE 3)

CLASSROOM
314 ± 567 S.F.

HV-31
(NOTE 1)

HV-31 VIA
UV-7-1
TRANSFORMER
(NOTE 3)

CLASSROOM
316 ± 567 S.F.

HV-37
(NOTE 1)

HV-37 VIA
UV-7-2
TRANSFORMER
(NOTE 3)

CLASSROOM
317 ± 763 S.F.

HV-39
(NOTE 1)

HV-39 VIA
UV-7-3
TRANSFORMER
(NOTE 3)

CLASSROOM
318 ± 751 S.F.

CLASSROOM
319 ± 688 S.F.

CLASSROOM
313 ± 580 S.F.

HV-41 VIA
UV-6-4
TRANSFORMER
(NOTE 3)

HV-41
(NOTE 1)

UV-6-4 (BY CONTRACT 'H')

NOTE 2
(TYPICAL FOR ALL UV)

CLASSROOM
315 ± 573 S.F.

HV-22 VIA
UV-6-6
TRANSFORMER
(NOTE 3)

HV-22
(NOTE 1)

UV-6-6 (BY CONTRACT 'H')

ROOF

1 Electrical Partial Third Floor HVAC Power Plan

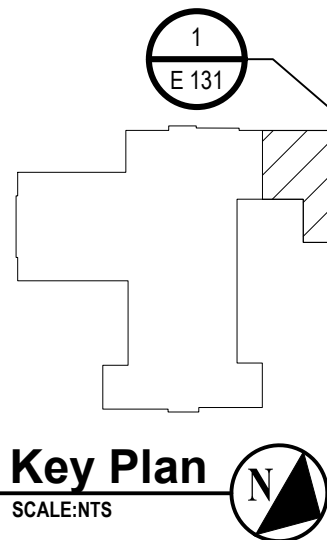
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ELECTRICAL GENERAL NOTE:

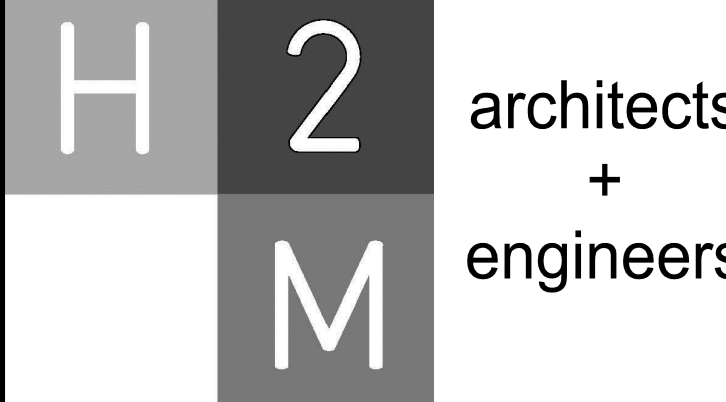
- REFER TO DRAWING E 130 FOR PANEL "HV" LOCATION.

ELECTRICAL KEY NOTES:

- CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/1P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/1P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
- MANUFACTURER PROVIDED DISCONNECT SWITCH.
- CONTRACTOR SHALL NOTE TRANSFORMER IS PROVIDED FOR Z-CONTROL BOX IN ASSOCIATED UNIT VENTILATOR. PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM. REFER TO CONTRACT 'H' DRAWINGS AND SCHEDULES FOR ADDITIONAL INFORMATION.



Key Plan
SCALE:NTS



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DESIGNED BY: SAN	DRAWN BY: SAN	CHECKED BY:	REVIEWED BY:
PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

CLIENT

WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

CONTRACT E ELECTRICAL CONSTRUCTION

STATUS

FINAL BID DOCUMENT

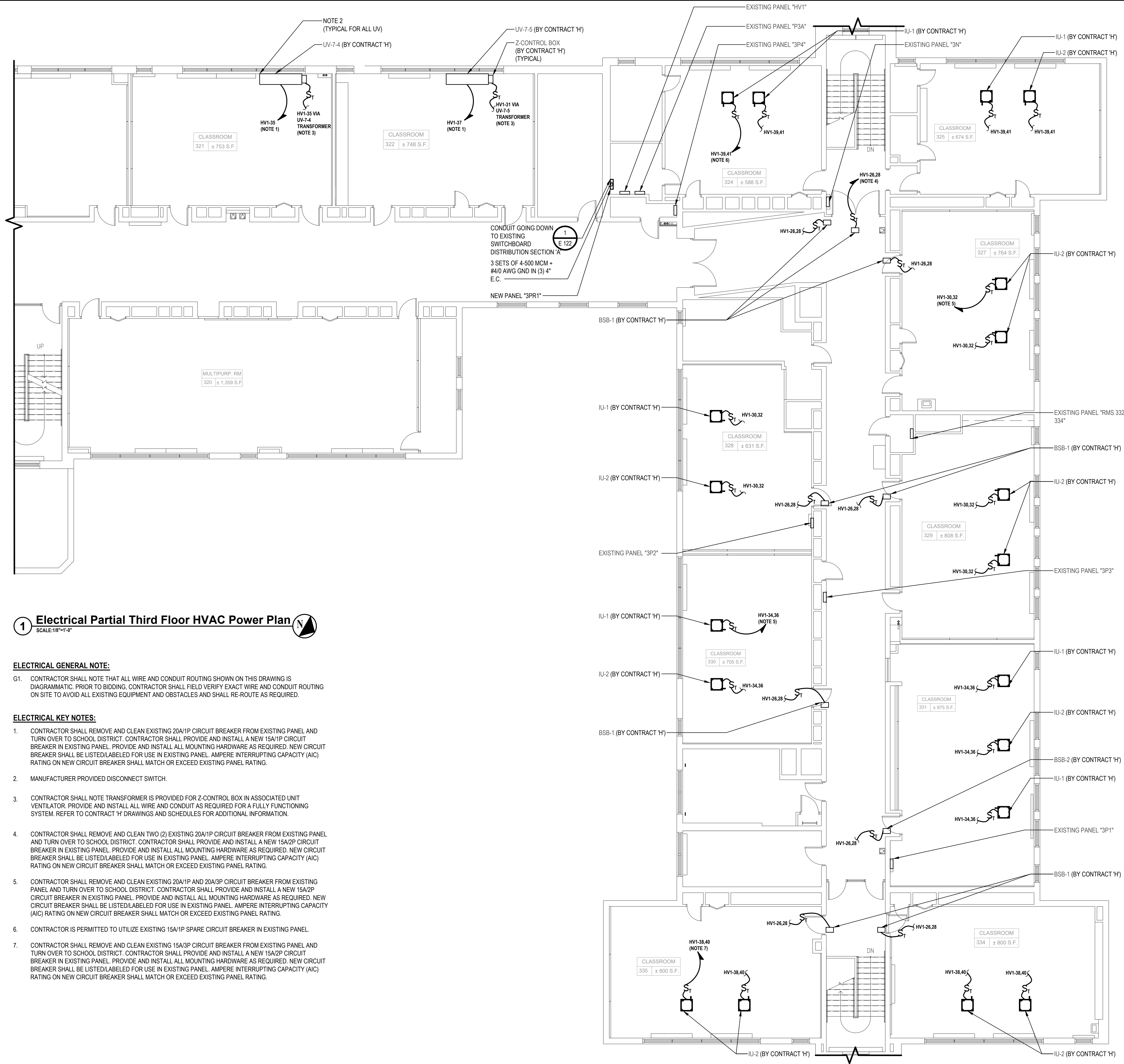
SHEET TITLE

ELECTRICAL PARTIAL THIRD FLOOR HVAC POWER PLAN

DRAWING No.

E 131.00

X:\WPSD\White Plains Central School District - 10591\WPSD 2114 - (Eastview M Replacement)\02-Bid\ACAD\Drawings\Electrical\E 131 Electrical Partial Third Floor HVAC Power Plan.dwg last modified: Jan 31, 2023, 3:14pm Plotted on Feb 03, 2023, 9:42am By: ewg/aj

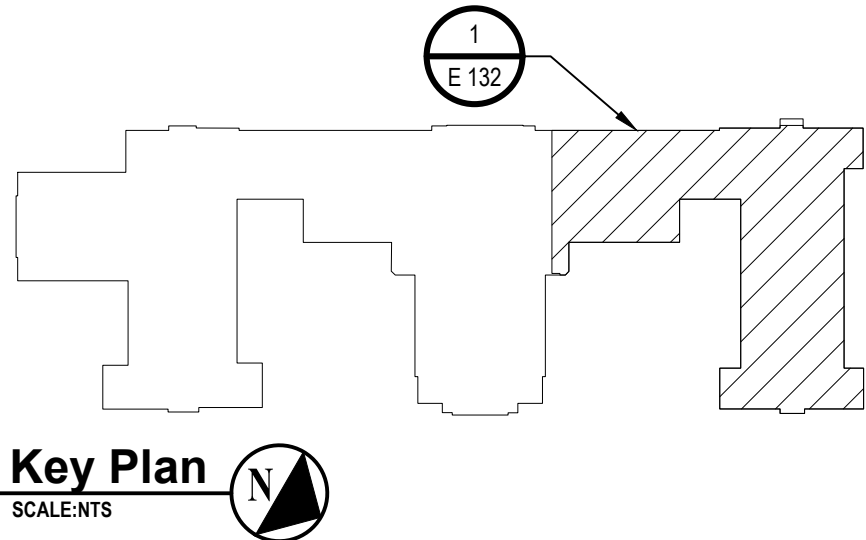


1 Electrical Partial Third Floor HVAC Power Plan

ELECTRICAL GENERAL NOTE:

G1. CONTRACTOR SHALL NOTE THAT ALL WIRE AND CONDUIT ROUTING SHOWN ON THIS DRAWING IS DIAGRAMMATIC. PRIOR TO BIDDING, CONTRACTOR SHALL FIELD VERIFY EXACT WIRE AND CONDUIT ROUTING ON SITE TO AVOID ALL EXISTING EQUIPMENT AND OBSTACLES AND SHALL RE-ROUTE AS REQUIRED.

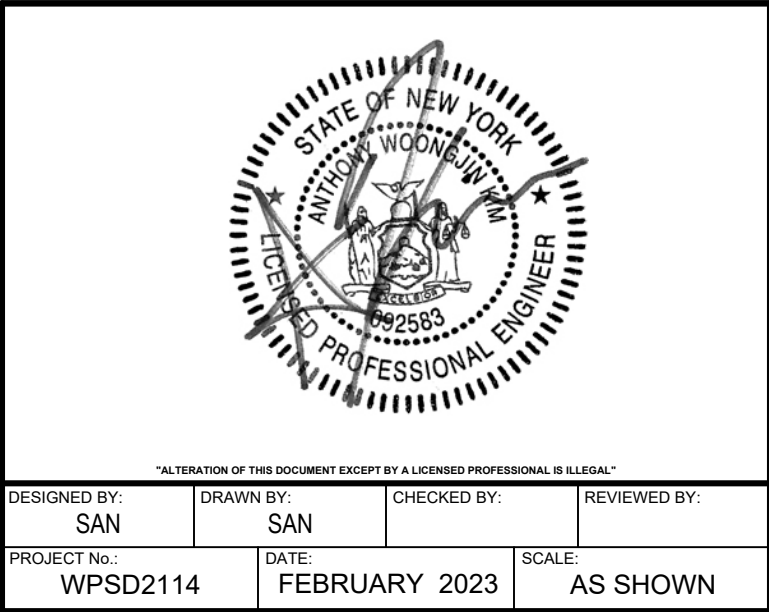
- ELECTRICAL KEY NOTES:**
- CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/1P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/1P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
 - MANUFACTURER PROVIDED DISCONNECT SWITCH.
 - CONTRACTOR SHALL NOTE TRANSFORMER IS PROVIDED FOR Z-CONTROL BOX IN ASSOCIATED UNIT VENTILATOR. PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM. REFER TO CONTRACT "H" DRAWINGS AND SCHEDULES FOR ADDITIONAL INFORMATION.
 - CONTRACTOR SHALL REMOVE AND CLEAN TWO (2) EXISTING 20A/1P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/2P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
 - CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/1P AND 20A/3P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/2P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
 - CONTRACTOR IS PERMITTED TO UTILIZE EXISTING 15A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL.
 - CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 15A/3P CIRCUIT BREAKER FROM EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/2P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.



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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



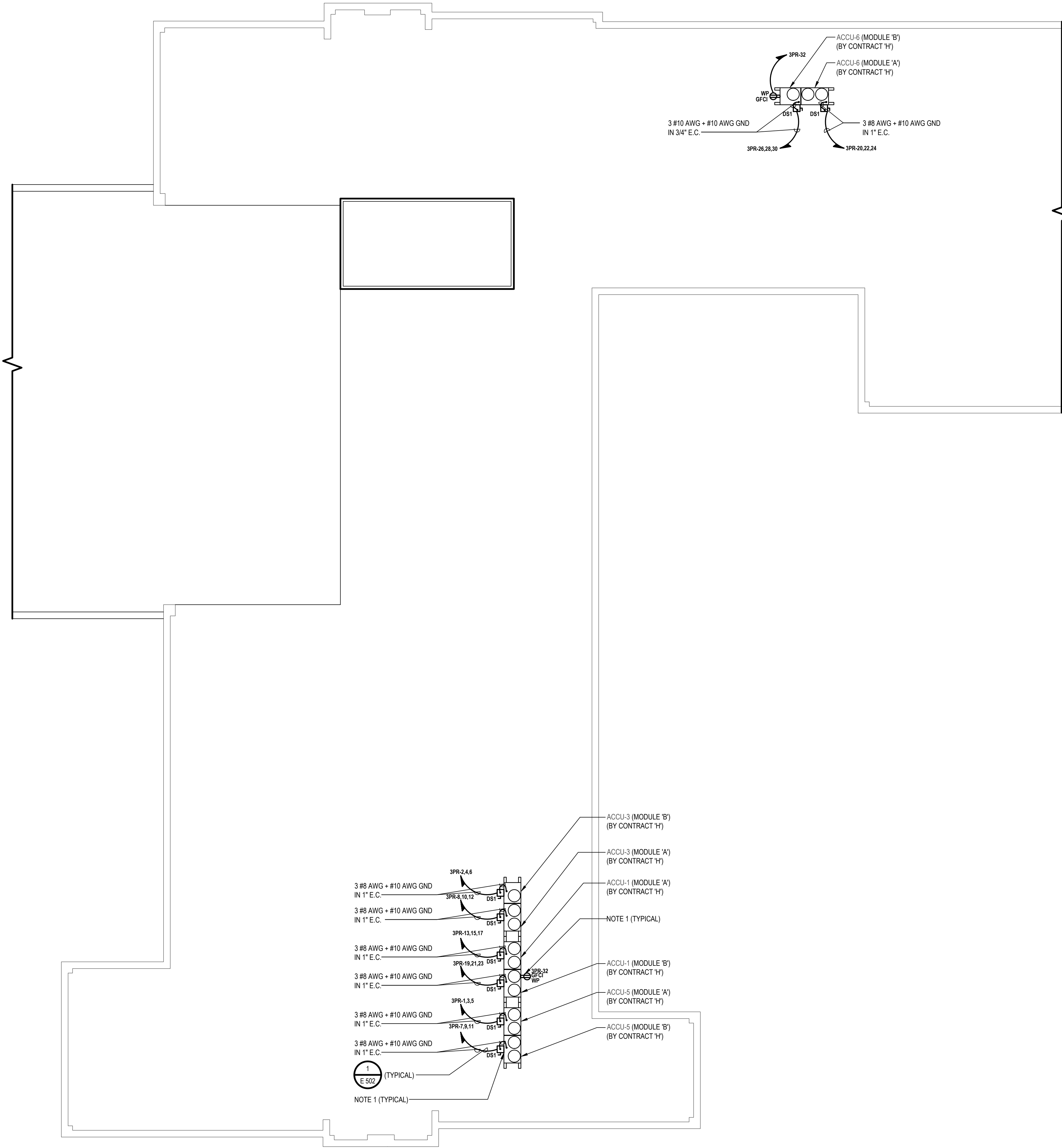
350 Main Street
White Plains, NY 10601
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT E ELECTRICAL CONSTRUCTION

STATUS FINAL BID DOCUMENT

SHEET TITLE ELECTRICAL PARTIAL THIRD FLOOR HVAC POWER PLAN

DRAWING No. E 132.00

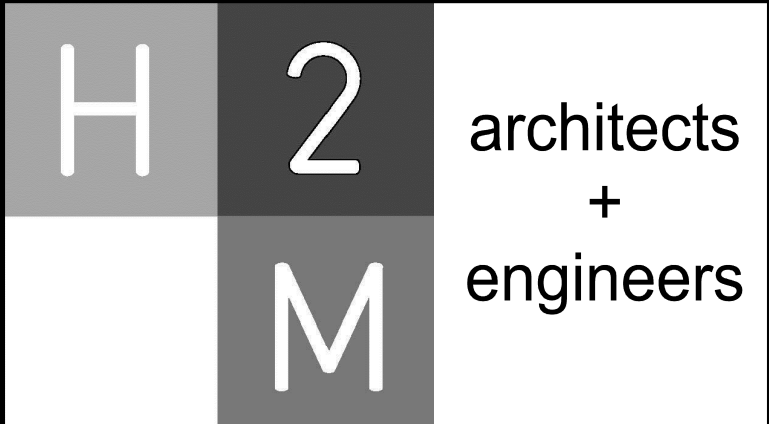


ELECTRICAL GENERAL NOTE:

- G1. CONTRACTOR SHALL NOTE CONDENSING UNITS CONSISTS OF MULTIPLE MODULES WITH DIFFERENT ELECTRICAL REQUIREMENT. VERIFY EXACT LOCATION OF MODULES WITH CONTRACT 'H' PRIOR TO TERMINATING EACH CIRCUIT.

ELECTRICAL KEY NOTE:

1. CONTRACTOR SHALL PROVIDE AND INSTALL A CHANNEL SUPPORT SYSTEM AS REQUIRED TO MOUNT DISCONNECT SWITCH AND/OR RECEPTACLE FROM THE ROOF CURBS SUPPORTING THE HVAC UNIT SUCH THAT THE UNIT'S MANUFACTURE'S WARRANTY IS NOT VOIDED. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED TO MAINTAIN WORKING CLEARANCE AS PER NEC 110.26. MAINTAIN ALL CLEARANCES FROM THE HVAC UNIT AS REQUIRED BY THE IMC.



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DESIGNED BY: SAN	DRAWN BY: SAN	CHECKED BY:	REVIEWED BY:
PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



**350 Main Street
White Plains, NY 10601**

**SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017**

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

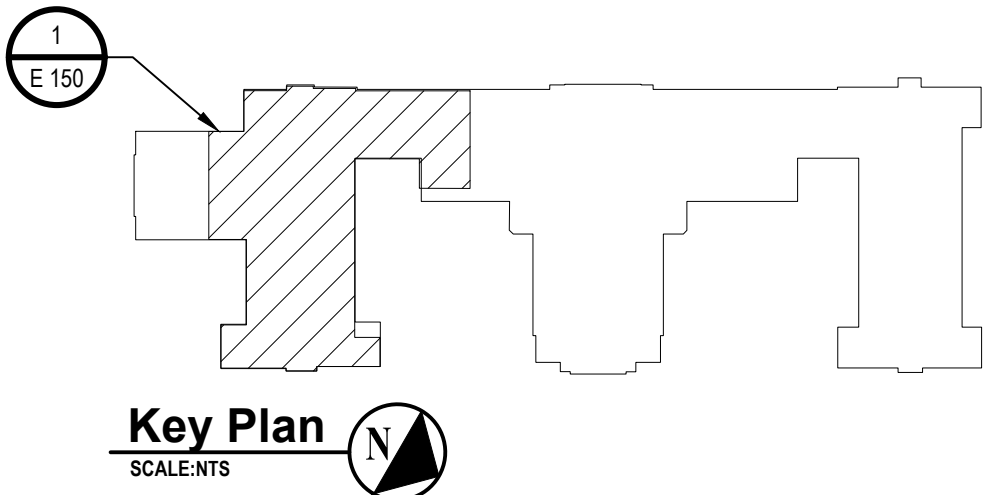
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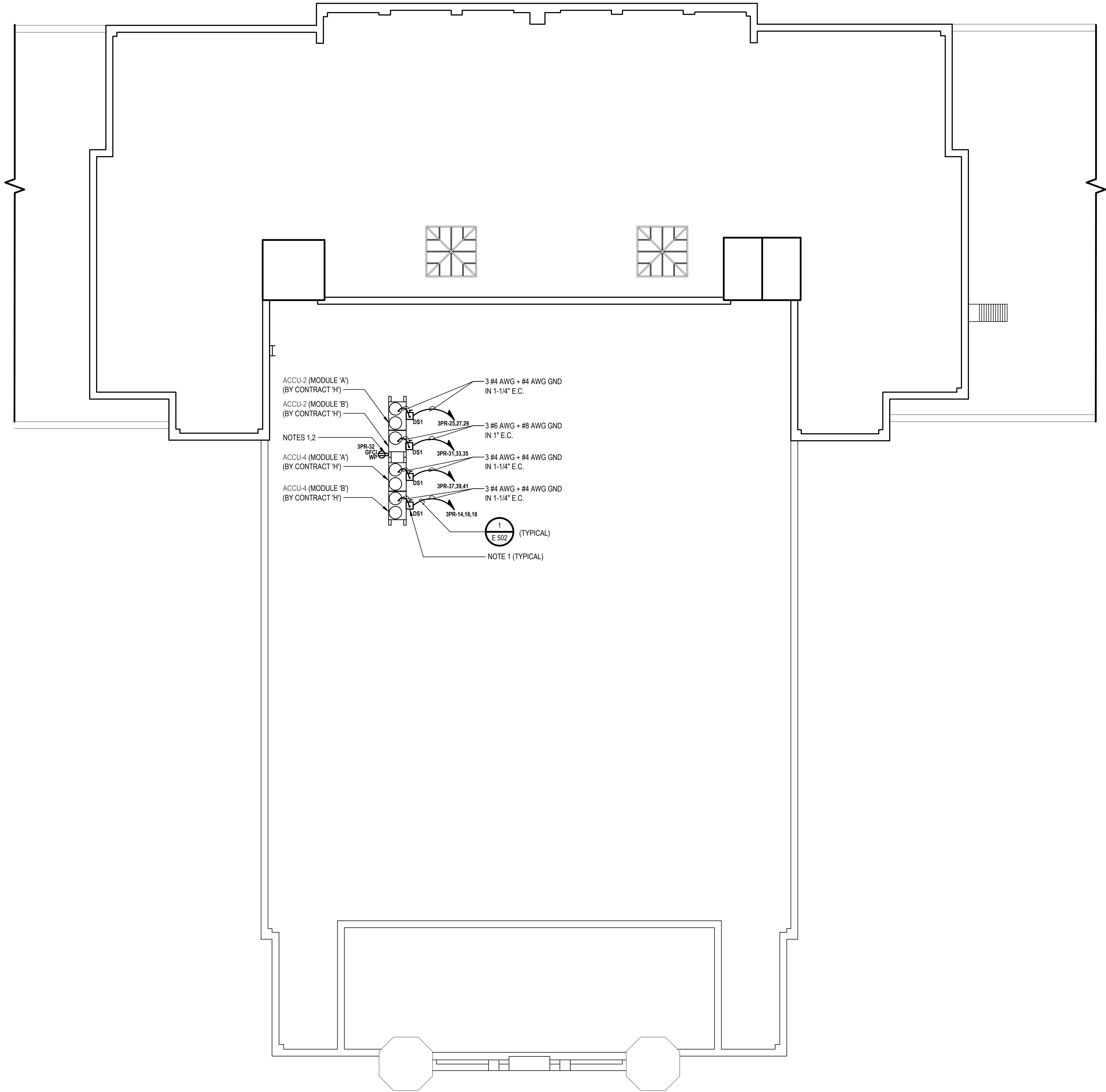
**ELECTRICAL PARTIAL ROOF
HVAC POWER PLAN**

DRAWING No.

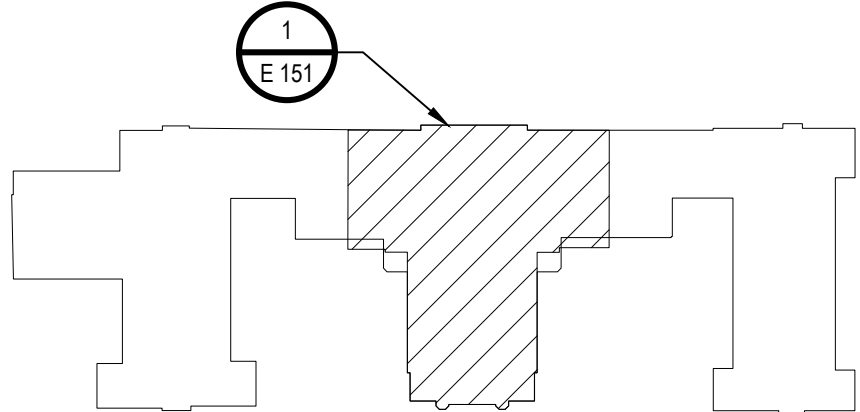
E 150.00



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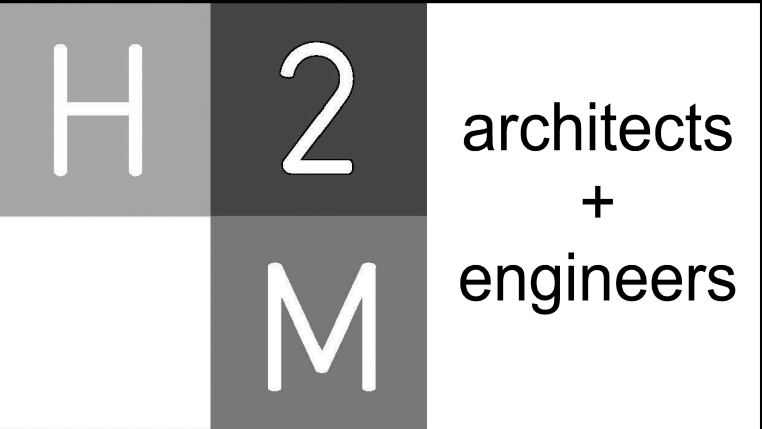


- ELECTRICAL KEY NOTES:**
- CONTRACTOR SHALL PROVIDE AND INSTALL A CHANNEL SUPPORT SYSTEM AS REQUIRED TO MOUNT DISCONNECT SWITCH AND/OR RECEPTACLE FROM THE ROOF CURBS SUPPORTING THE HVAC UNIT SUCH THAT THE UNIT'S MANUFACTURE'S WARRANTY IS NOT VOIDED. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED TO MAINTAIN WORKING CLEARANCE AS PER NEC 110.26. MAINTAIN ALL CLEARANCES FROM THE HVAC UNIT AS REQUIRED BY THE IMC.
 - REFER TO DRAWING E 150 FOR CIRCUIT CONTINUATION.



1 Electrical Partial Roof HVAC Power Plan
SCALE: 1/8"=1'-0"

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



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PROJECT NO.: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL

350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

**CONTRACT E
ELECTRICAL CONSTRUCTION**

STATUS

FINAL BID DOCUMENT

SHEET TITLE

**ELECTRICAL PARTIAL ROOF HVAC
POWER PLAN**

DRAWING No.

E 151.00

CONSULTANTS:

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-	02-03-2023	FINAL BID DOCUMENT



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PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE: AS SHOWN	

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WHITE PLAINS CITY
SCHOOL DISTRICT

UV REPLACEMENTS AT
EASTVIEW MIDDLE SCHOOL

350 Main Street
White Plains, NY 10601

SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

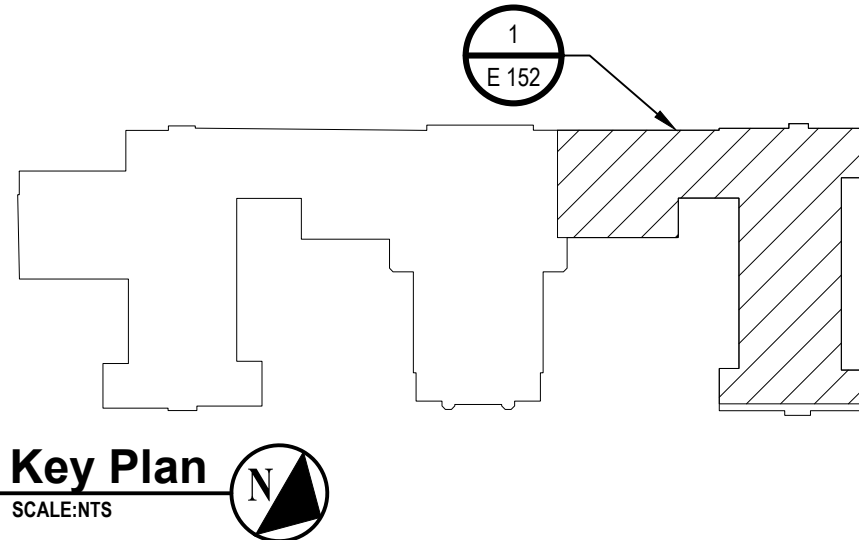
FINAL BID DOCUMENT

SHEET TITLE

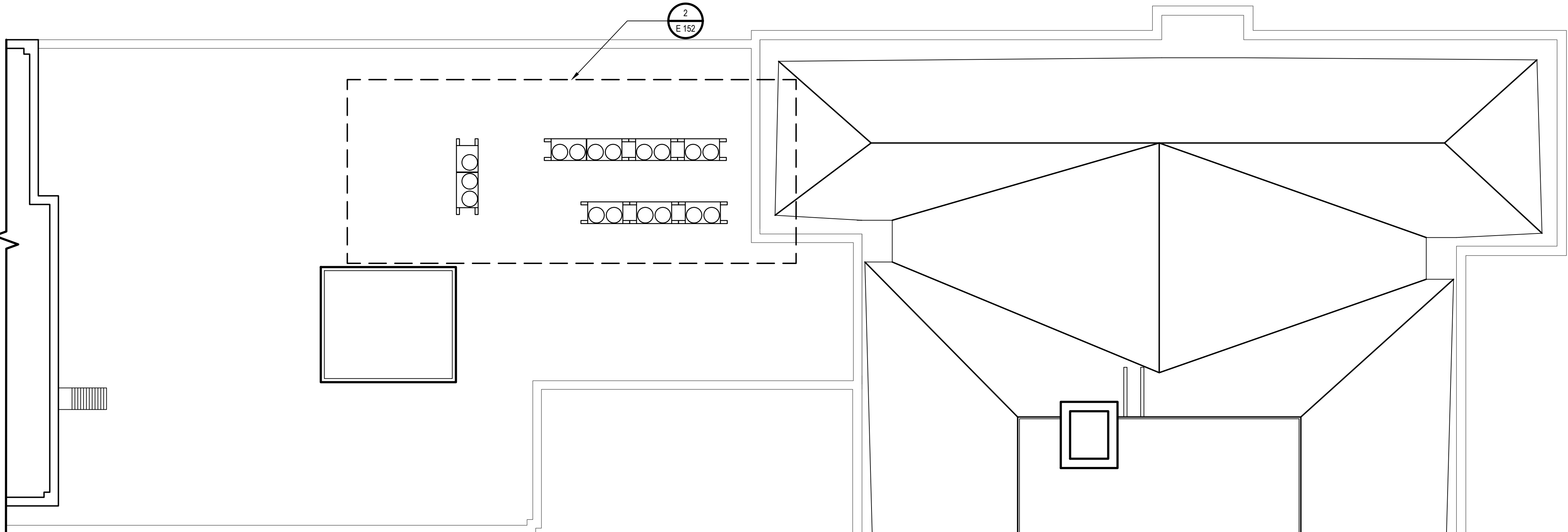
ELECTRICAL PARTIAL ROOF HVAC
POWER PLAN

DRAWING No.

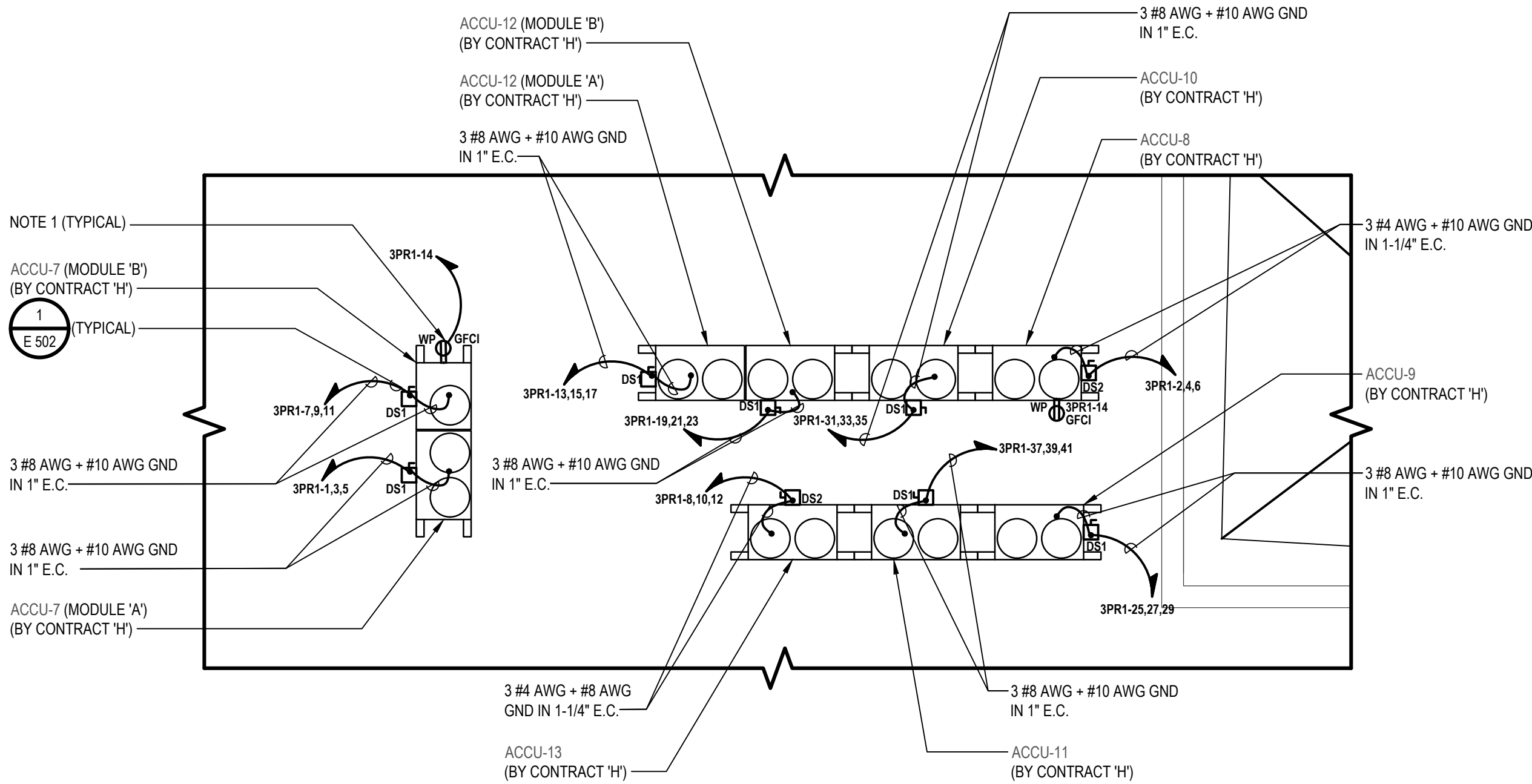
E 152.00



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



1 Electrical Partial Roof HVAC Power Plan
SCALE: 1/8"=1'-0"



2 Electrical Enlarged Partial Roof HVAC Power Plan
SCALE: 3/16"=1'-0"

ELECTRICAL KEY NOTE:

- CONTRACTOR SHALL PROVIDE AND INSTALL A CHANNEL SUPPORT SYSTEM AS REQUIRED TO MOUNT DISCONNECT SWITCH AND/OR RECEPTACLE FROM THE ROOF CURBS SUPPORTING THE HVAC UNIT SUCH THAT THE UNIT'S MANUFACTURE'S WARRANTY IS NOT VOIDED. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED TO MAINTAIN WORKING CLEARANCE AS PER NEC 110.26. MAINTAIN ALL CLEARANCES FROM THE HVAC UNIT AS REQUIRED BY THE IMC.

DRAWING No. **E 500.00**

Panel Wiring Schedule (3-Phase)

Panelboard

1P4 (EXISTING)

Manufacturer

EATON

Panel Type

PRL1A

NEMA Type Enclosure

1

Voltage

120/208

Mains

MLO

Mounting

SURFACE

Phase

3

Wires

4

Mains Rating

200A

Options

Note

NOTE 1

A/C Rating

EXISTING

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD			CIRC NO	A	B	C	CIRC NO	CONNECTED LOAD			TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
			VOLT AMPERES								VOLT AMPERES					
			Ø A	Ø B	Ø C						Ø A	Ø B	Ø C			
EXISTING SPARE		15A/1P	-	-	-	1				2	-	-	-	15A/1P		EXISTING
EXISTING		20A/1P	-	-	-	3				4	-	-	-	15A/1P		EXISTING
EXISTING SPARE		20A/1P	-	-	-	5				6	-	-	-	15A/1P		EXISTING SPARE
EXISTING		15A/1P	-	-	-	7				8	-	-	-	15A/1P		EXISTING
EXISTING		15A/1P	-	-	-	9				10	-	-	-	15A/1P		EXISTING
EXISTING		15A/1P	-	-	-	11				12	-	-	-	15A/1P		EXISTING SPARE
EXISTING		15A/1P	-	-	-	13				14	-	-	-	20A/1P		EXISTING
EXISTING		15A/1P	-	-	-	15				16	-	-	-	20A/1P		EXISTING
EXISTING		15A/1P	-	-	-	17				18	-	-	-	20A/1P		EXISTING SPARE
EXISTING		15A/1P	-	-	-	19				20	-	-	-	20A/2P		EXISTING
EXISTING		15A/1P	-	-	-	21				22	-	-	-	-		
EXISTING		15A/1P	-	-	-	23				24	-	-	-	15A/1P		EXISTING SPARE
EXISTING		20A/1P	-	-	-	25				26	-	-	-	15A/1P		EXISTING SPARE
EXISTING		20A/1P	-	-	-	27				28	-	-	-	-		
EXISTING		40A/2P	-	-	-	29				30	-	-	-	20A/2P		EXISTING
EXISTING		40A/2P	-	-	-	31				32	-	-	-	-		
UV-2/4 CLASSROOM 119		15A/1P	-	936	-	33				34	-	-	-	30A/2P		EXISTING
UV-2/5 CLASSROOM 121		15A/1P	-	-	936	35				36	-	-	-	20A/1P		EXISTING SPARE
IJ-3 CLASSROOM 123 & 124		15A/2P	208	-	-	37				38	10.4	-	-	15A/2P		BSB-1
CONDENSATE PUMPS		15A/1P	-	208	-	39				40	-	10.4	-	-		
						41				42	-	-	-	-		SPACE

Connected Totals:

ØA EXISTING KVA

ØB EXISTING KVA

ØC EXISTING KVA

(All Phases to be balanced to within 7% using Actual Load Totals.)

Total EXISTING KVA

AMPERES

Breaker Options:

AS - Powerlink AS Breaker

LO - Handle lock-off device

ST - Shunt Trip Type

AUX - Auxiliary Contacts

PA - Handle Padlock Attachment

GFCI - Ground Fault Circuit Interrupter

HAQR - Heating, A/C & Refrigeration

SF - Subfeed

TC - Time Clock Control

Panel Wiring Schedule (3-Phase)

Panelboard 2PP (EXISTING)
 Manufacturer SIEMENS
 Panel Type PRL1A
 NEMA Type Enclosure 1

Voltage 120/208
 Mains MLO
 Mounting SURFACE

Phase 3
 Mains Rating 100A
 Options -

Wire 4
 Note NOTE 1

A/C Rating EXISTING

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD			CIRC. NO.	A	B	C	CIRC. NO.	CONNECTED LOAD			TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
			VOLT								VOLT					
			Ø A	Ø B	Ø C						Ø A	Ø B	Ø C			
IU-2 RM 223 & 224	15A/2P	229				1				2				20A/1P		EXISTING
BSB-1	15A/2P	13				3				4				20A/1P		EXISTING
						5				6				20A/1P		EXISTING
EXISTING	20A/1P	-				7				8				20A/1P		EXISTING
EXISTING	20A/1P	-				9				10				20A/1P		EXISTING
EXISTING	20A/1P	-				11				12				20A/1P		EXISTING
EXISTING	20A/1P	-				13				14				20A/1P		EXISTING
EXISTING	20A/1P	-				15				16				20A/1P		EXISTING
EXISTING	20A/1P	-				17				18				20A/1P		EXISTING
EXISTING	20A/1P	-				19				20				936		UV-4-6 RM 220A
EXISTING	20A/1P	-				21				22				-		EXISTING
EXISTING	20A/1P	-				23				24				-		EXISTING
EXISTING	20A/1P	-				25				26				-		EXISTING
EXISTING	20A/1P	-				27				28				-		EXISTING
EXISTING	20A/1P	-				29				30				-		EXISTING
EXISTING	20A/1P	-				31				32				936		UV-4-7 RM 221
EXISTING	20A/1P	-				33				34				229		IU-162 RM 226
EXISTING	20A/1P	-				35				36				229		
EXISTING	20A/1P	-				37				38				432		15A/2P
EXISTING	20A/1P	-				39				40				432		
UV-4-5 RM 220	15A/1P	-				41				42				-		20A/1P

Connected Totals:
 ØA EXISTING KVA
 ØB EXISTING KVA
 ØC EXISTING KVA
 (All Phases to be balanced to within 7% using Actual Load Totals.)

Total EXISTING KVA EXISTING Amperes

Breaker Options:
 AS - Powerlink AS Breaker
 LO - Handle lock-off device
 ST - Shunt Trip Type
 AUX - Auxiliary Contacts
 PA - Handle Padlock Attachment
 GFCI - Ground Fault Circuit Interrupter
 HACR - Heating, A/C & Refrigeration
 Sfr - Subfeed
 TC - Time Clock Control

1. CONTRACTOR SHALL PROVIDE UPDATED TYPED CIRCUIT DIRECTORY FOR ALL EXISTING PANEL WITH NEW CIRCUITS AS PER NEC SECTIONS 110.22 AND 408.4.

Panel Wiring Schedule (3-Phase)

Panelboard

Manufacturer

Panel Type

NEMA Type Enclosure

HV1 (EXISTING)

EATON

PRL1A

1

Voltage

Mains

Mounting

120/208

250A MCB

SURFACE

Phase

Mains Rating

Options

3

250A

-

Wire

Note

4

-

A/C Rating

NOTE 1

EXISTING

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD			CIRC. NO.	A	B	C	CIRC. NO.	CONNECTED LOAD			TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION								
			VOLT AMPERES								VOLT AMPERES													
			Ø A	Ø B	Ø C						Ø A	Ø B	Ø C											
EXISTING		30A/3P	/	-	/	1				2	/	-	/	30A/3P		EXISTING								
			/	-	/	3				4	/	-	/											
			/	-	/	5				6	/	-	/											
			/	-	/	7				8	/	-	/											
EXISTING		30A/3P	/	-	/	9				10	/	-	/	30A/3P		EXISTING								
			/	-	/	11				12	/	-	/											
			/	-	/	13				14	/	-	/											
EXISTING		30A/3P	/	-	/	15				16	/	-	/	30A/3P		EXISTING								
			/	-	/	17				18	/	-	/											
			/	-	/	19				20	/	-	/											
EXISTING		30A/3P	/	-	/	21				22	/	-	/	30A/3P		EXISTING								
			/	-	/	23				24	/	-	/											
EXISTING		20A/1P	/	-	/	25				26	94	/	/	15A/2P		CORRIDOR BSB-1, BSB-2								
EXISTING		20A/1P	/	-	/	27				28		94	/											
EXISTING		20A/1P	/	-	/	29				30			353.6	15A/2P		IU IN RM 329, 327 & 328								
EXISTING		20A/1P	/	-	/	31				32	353.6		250											
EXISTING		20A/1P	/	-	/	32				33			250	15A/2P		IU IN RM 330 & 331								
UV-7-4 RM 321		15A/1P	/	-	836	35				36			250											
UV-7-5 RM 322		15A/1P	936	/	/	37				38	250	/	/	15A/2P		IU IN RM 334 & 335								
			/	187	/	39				40		250	/											
IU IN RM 324 & 325		15A/2P	/	/	/	41				42	/	-	/	20A/1P		EXISTING SPARE								

Connected Totals:

ØA

ØB

ØC

Total

EXISTING

KVA

KVA

KVA

EXISTING

Amperes

Breaker Options:

AS - PowerLink AS Breaker

LO - Handle lock-off device

ST - Shunt Trip Type

AUX - Auxiliary Contacts

PA - Handle Padlock Attachment

GFCI - Ground Fault Circuit Interrupter


HACR - Heating, A/C & Refrigeration

SF - Sulfated

TC - Time Clock Control

PANEL SCHEDULE NOTE:

1. CONTRACTOR SHALL PROVIDE ADDITIONAL SETS OR OVERSIZED LUGS AS REQUIRED TO MAKE ALL TERMINATIONS.



architects
+
engineers

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CONSULTANTS:

[illegible]

The logo for White Plains City School District is centered on the page. It consists of a circular emblem with a black border. Inside the circle, the words "White Plains Public Schools" are written in a white, sans-serif font along the top arc. In the center of the circle are the large, stylized letters "WP" in a bold, orange, sans-serif font. Below the circle is a black banner with the words "REAL LIFE LEARNING" in white, sans-serif font. The banner has a slight 3D effect with a white highlight on the top edge.

CONTRACT

CONTRACT E

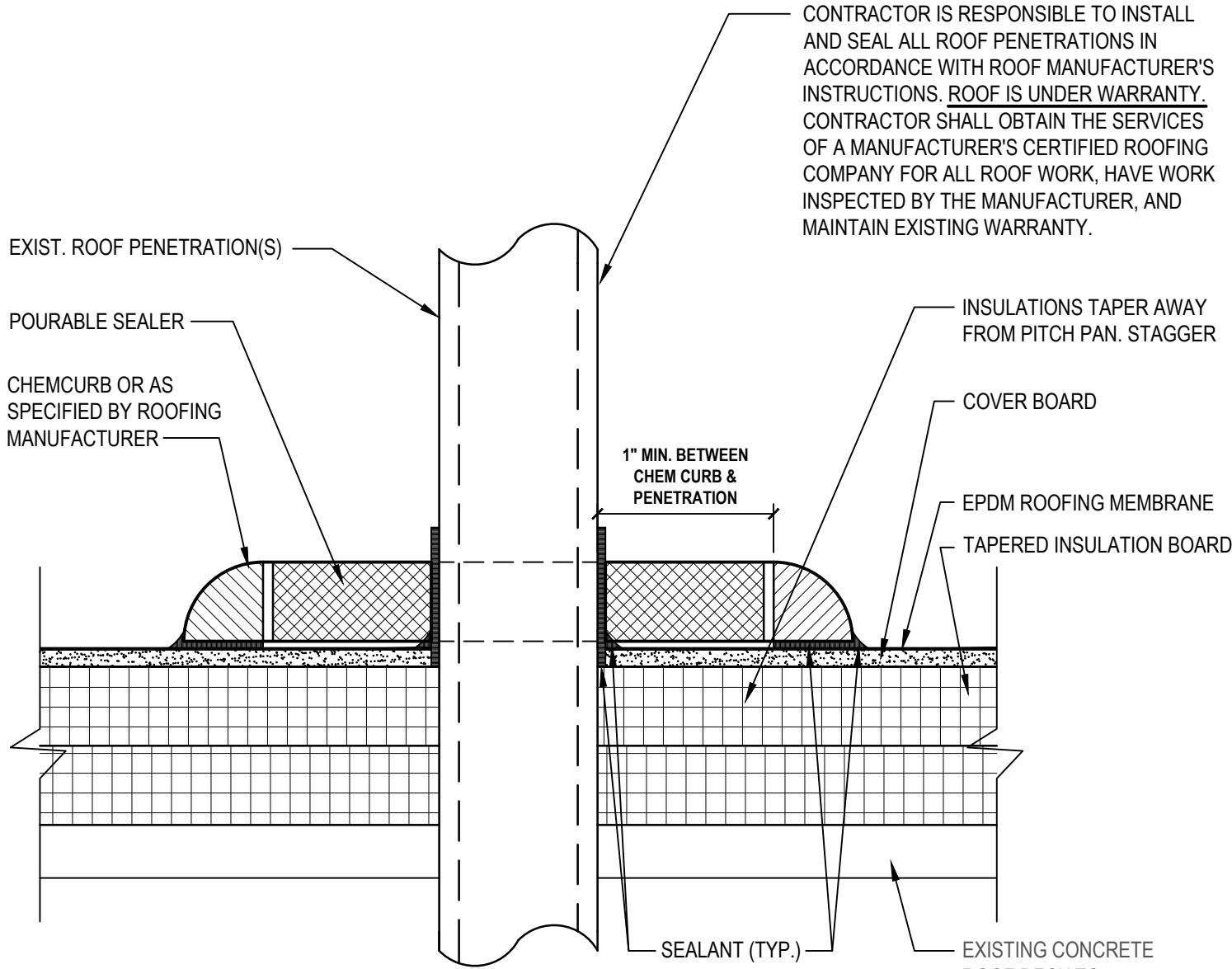
ELECTRICAL CONSTRUCTION

STATUS	FINAL BID DOCUMENT
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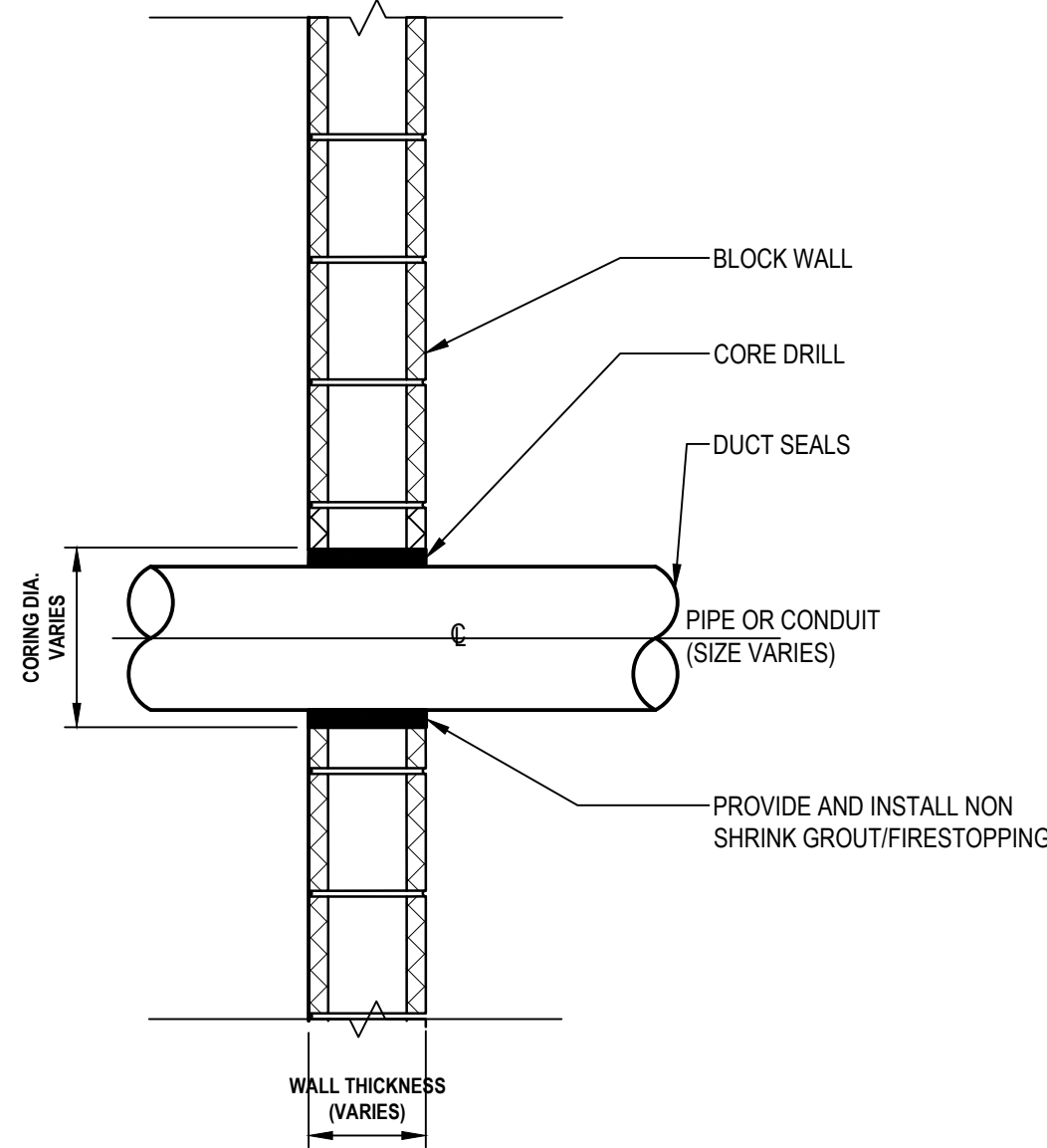
SHEET TITLE

ELECTRICAL PANEL SCHEDULES

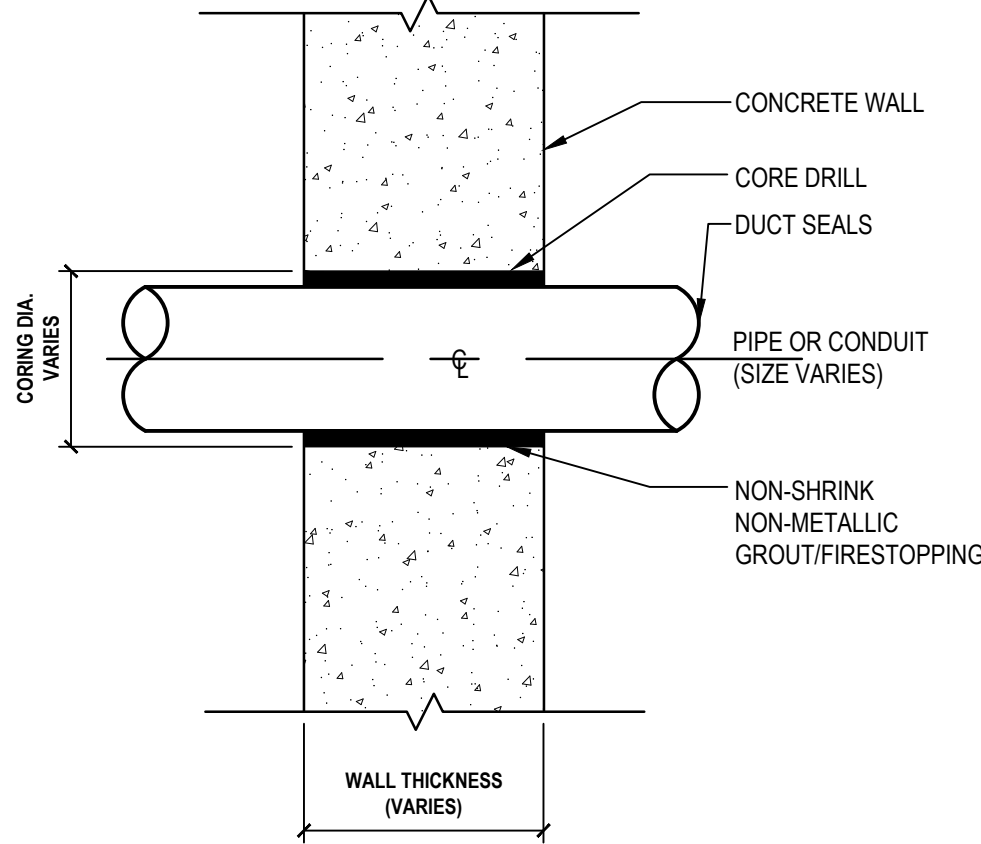
DRAWING No. **E 501.00**



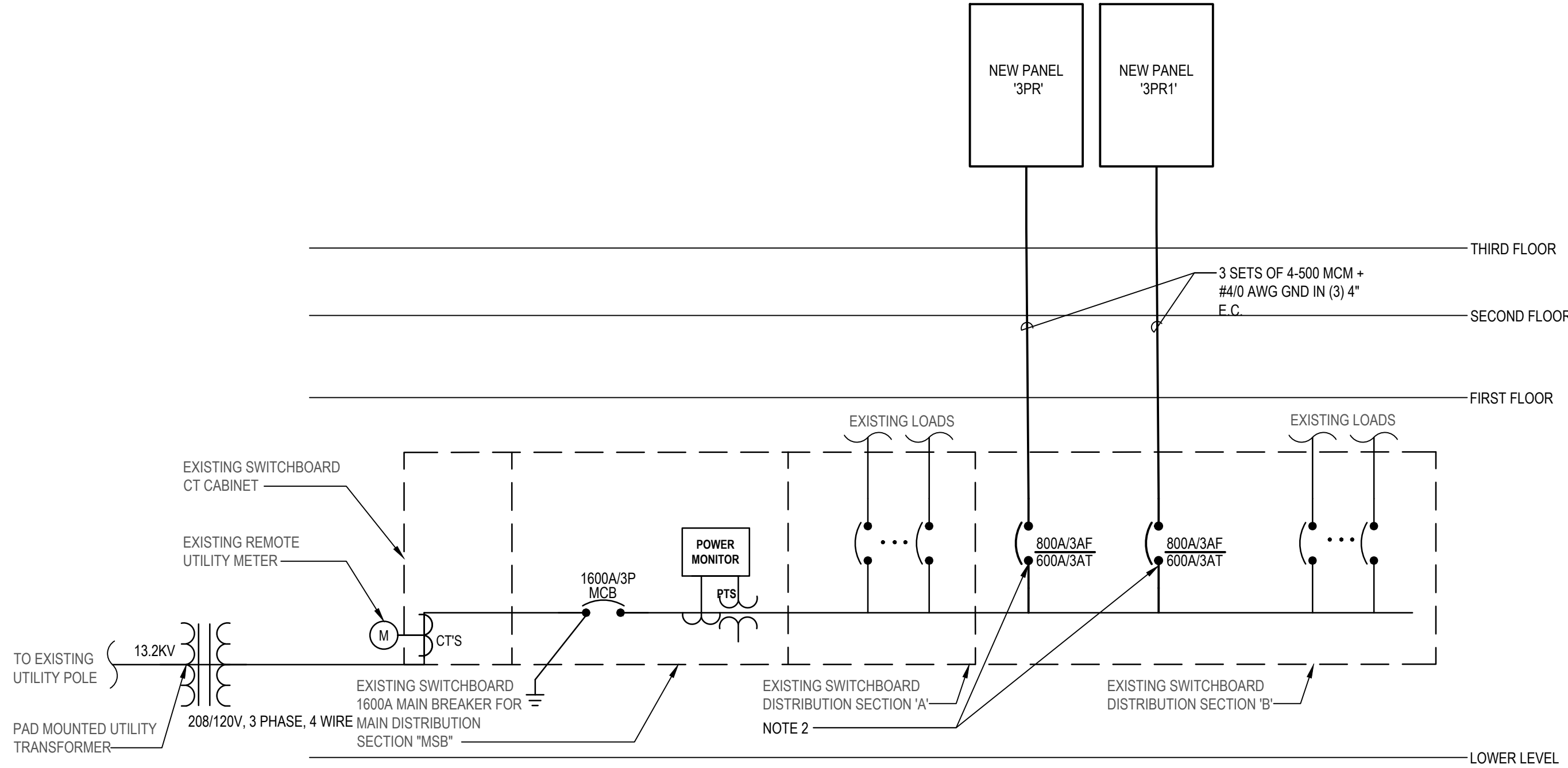
1 Typical Pitch Pocket Detail
SCALE: NTS



2 Typical Penetration Through Block Wall
SCALE: NTS



3 Typical Penetration Through Concrete Wall
SCALE: NTS



4 Partial Single Line Diagram (Note 1)
SCALE: NTS

SINGLE LINE DIAGRAM NOTES:

- NOT ALL EXISTING CIRCUITS ARE SHOWN IN EXISTING AND NEW PARTIAL SINGLE LINE DIAGRAM FOR CLARITY PURPOSES. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) NEW 600A/3P CIRCUIT IN EXISTING SWITCHBOARD SECTION 'A' FOR NEW PANEL "3PR" AND "3PR1". PROVIDE AND INSTALL NEW BUSS DETAIL AND MOUNTING HARDWARE AS REQUIRED. PROVIDE AND INSTALL NEW FACEPLATES (DEAD FRONT) ON SWITCHBOARD FOR NEW CIRCUIT BREAKER AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING SWITCHBOARD. AMPERE INTERRUPTING CAPACITY (AIC) SHALL MATCH OR EXCEED EXISTING SWITCHBOARD RATING.

DISCONNECT SWITCH SCHEDULE

DISCONNECT SWITCH IDENTIFICATION	TYPE	ENCLOSURE	VOLTS	POLES	FRAME SIZE AMPS	FUSE RATING
DS1	UNFUSED	NEMA 3R	240	3	60	-
DS2	UNFUSED	NEMA 3R	240	3	100	-



DESIGNED BY: SAN	DRAWN BY: SAN	CHECKED BY:	REVIEWED BY:
PROJECT NO: WPSD2114	DATE: FEBRUARY 2023	SCALE:	AS SHOWN

WHITE PLAINS CITY SCHOOL DISTRICT

UV REPLACEMENTS AT EASTVIEW MIDDLE SCHOOL



350 Main Street
White Plains, NY 10601
SED PROJECT CONTROL
NO. 66-22-00-01-0-003-017

**CONTRACT E
ELECTRICAL CONSTRUCTION**

**STATUS
FINAL BID DOCUMENT**

**SHEET TITLE
ELECTRICAL SINGLE LINE,
SCHEDULE AND DETAILS**

**DRAWING No.
E 502.00**