WINDOW AND DOOR REPLACEMENT

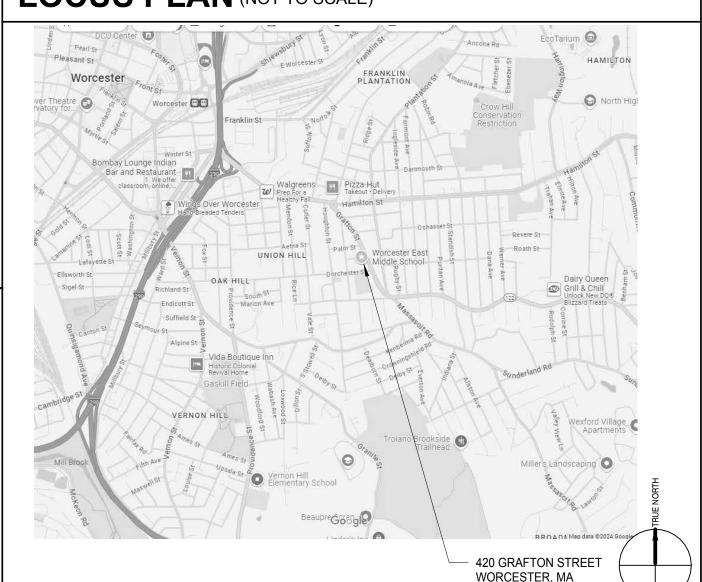
WORCESTER EAST MIDDLE SCHOOL

420 Grafton Street Worcester, MA 01604

100% CONSTRUCTION DRAWINGS

November 6, 2024

LOCUS PLAN (NOT TO SCALE)



DRAWING LIST

G-002 SYMBOLS, ABBREVIATIONS, GENERAL NOTES & CODE

ARCHITECTURAL DEMOLITION

AD-201 FACADE ELEVATIONS - DEMOLITION

A-100 FLOOR PLANS - REFERENCE ONLY

A-204 FACADE ELEVATIONS

A-601 ENTRY DETAILS & DOOR SCHEDULE

A-617 WINDOW DETAILS

Grand total: 24

WORCES
WORCES
MIDDLE

420 Graft
Worcester

PROJECT NO: 2124.17 DRAWN BY: JW

CHECKED BY: MB

COVER SHEET

G-001

<u>ARCHITECT</u>

HABEEB & ASSOCIATES **ARCHITECTS**

43 HARVARD STREET UPPER LEVEL WORCESTER, MA 01609

TEL: 781-871-9804 www.habeebarch.com OWNER/AWARDING AUTHORITY

CITY OF WORCESTER - PURCHASING DIVISION

455 MAIN STREET - ROOM 201 WORCESTER, MA 01608

TEL:508-799-1297

OWNER'S PROJECT MANAGER

WORCESTER PUBLIC SCHOOLS FACILITIES MANAGEMENT

115 NORTHEAST CUTOFF WORCESTER, MA 01608

TEL:774-418-1780

SYSTEM

DEMOLISH, DEMOLITION

DRINKING FOUNTAIN

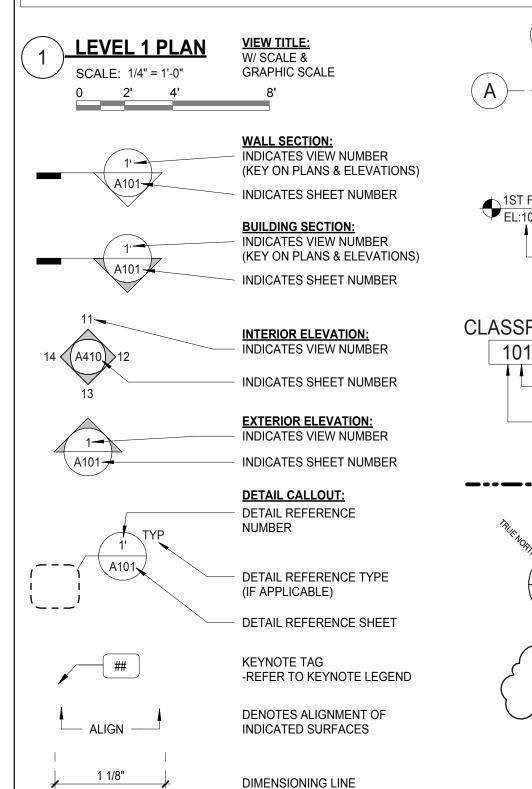
FIREPROOF(ING)

FIRE RESISTANT

FIRE SHIELD

FS

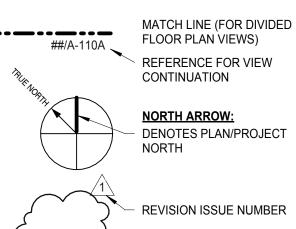
GENERAL DRAWING ANNOTATIONS



COLUMN GRID DESIGNATION COLUMN GRID CENTERLINES

LEVEL INDICATOR: 1ST FLOOR EL:100'-0" (105.00) INDICATES CIVIL DATUM -REFER TO GENERAL NOTE #9 INDICATES BUILDING DATUM -REFER TO GENERAL NOTE #9

ROOM TAG: CLASSROOM INDICATES ROOM NAME 101A- DENOTES ACCESSORY ROOM/AREA (WHERE PRESENT) DENOTES ROOM /AREA NUMBER DENOTES FLOOR / LEVEL



NUMBER

WINDOW TYPE DESIGNATION "D" SUFFIX INDICATES EXISTING

WINDOW TO BE DEMOLISHED

ITEMS WITHIN CLOUD HAVE BEEN REVISED

ABBREVIATIONS											
@	AT	DIA	DIAMETER	FSZ	FULL SIZE			REF	REFRIGERATOR	TOM	TOP OF MASONRY
ACT	ACOUSTICAL CEILING TILE	DIM	DIMENSION	FT	FEET, FOOT	MACH	MACHINE	REINF	REINFORCING	TOP	TOP OF PARAPET
AD	AREA DRAIN	DN	DOWN	FTR	FIN TUBE RADIATOR	MAS	MASONRY	REQD	REQUIRED	TOR	TOP OF RAIL
ADJ	ADJUSTABLE	DO	DOOR OPENING	FUR	FURRING	MAT	MATERIAL	RESIL	RESILIENT	TOS	TOP OF STEEL
AFF	ABOVE FINISH FLOOR	DR	DOOR	1010	TORKING	MAX	MAXIMUM	RET	RETAINING	TOW	TOP OF WALL
ALUM	ALUMINUM	DS	DOWNSPOUT	GA	GAUGE	MB	MARKER BOARD	RJ	RELIEVING JOINT	TWR	TOWER
ANCH	ANCHOR	DSP	DISPENSER	GALV	GALVANIZED	MD	METAL DOOR	RM	ROOM	TYP	TYPICAL
APPROX	APPROXIMATE(LY)	DW	DISHWASHER	GC	GENERAL CONTRACTOR	MECH	MECHANICAL	RO	ROUGH OPENING		THICAL
AFFROX	AFFROXIMATE(ET)	DWG(S)	DRAWING(S)	GFCMU	GROUND FACED CMU	MEMBR	MEMBRANE	RWL	RAIN WATER LEADER	UC	UNDERCUT
BD	BOARD	DWG(3)	DIAWING(3)	GL	GLASS	MFGR	MANUFACTURER	IXVVL	NAIN WATER LEADER	UL	UNDERWRITERS
BFE	BOTTOM OF FOOTING	EA	EACH	GMU	GLAZED MASONRY UNIT	MIN	MINIMUM	S, STR	STRUCTURAL	OL	LABORATORY
DIL	ELEVATION	ED	EDUCATION	GR	GRADE	MISC	MISCELLANEOUS	SAM	SELF ADHERED MEMBRANE	UNO /	UNLESS NOTED OTHERWISE /
BIT	BITUMINOUS	EDSP	END SPLASH	GSU	GLAZED STRUCTURAL UNIT	MMC	MISC METAL CONTRACTOR	SC	SCUPPER	UON	UNLESS OTHERWISE NOTED
BKSP	BACKSPLASH	EF	EXHAUST FAN	GWB	GYPSUM WALL BOARD	MO	MASONRY OPENING	SCHED	SCHEDULE	UPR	UPPER
BKT	BRACKET	EIFS	EXTERIOR INSULATED FINISH	GYP	GYPSUM WALL BOARD	MT	METAL THRESHOLD	SCN	SCREEN	UV	UNIT VENTILATOR,
BLDG	BUILDING	EIFO	SYSTEM	GIF	GIFSUM	MTD	MOUNTED	SD	STORM DRAIN		ULTRAVIOLET
BLK	BLOCK	EJ	EXPANSION JOINT	НС	HANDICAP(PED)	MTL	METAL	SECT	SECTION		
BLKG	BLOCKING	EL	ELEVATION (GRADE)	HD	HEAD, HIGH DENSITY	IVIIL	METAL		SHELF. SHELVING.	V	VOLT(AGE)
BM	BEAM	ELEC	ELECTRIC(AL)	HDR	HEADER	NIAT	NATURAL	SH	SINGLE-HUNG	VC	VINYL CLAD
BOD	BOTTOM OF DECK	ELEV	ELEVATION (FACADE)	HDWD		NAT NC		SHT	SHEET	VCT	VINYL COMPOSITE TILE
BSMT	BASEMENT	EOD	EDGE OF DECK		HARDWOOD		NONCORROSIVE	SIGS	SILICON IMPREGNATED	VENT	VENTILATOR
DOWN	DAGEMENT	EP	ELECTRIC PANEL	HDWR	HARDWARE	NIC	NOT IN CONTRACT	3100	GYPSUM SHEATHING	VERT	VERTICAL
CAB	CABINET	EPDM	ETHYLENE PROPYLENE DIENE	HGT	HEIGHT	NO/#	NUMBER	SIM	SIMILAR	VEST	VESTIBULE
	CHALKBOARD OR CATCH	EFDIVI	MONOMER		HOLLOW METAL	NOM	NOMINAL	SIP	STRUCTURAL INSULATED	VIF	VERIFY IN FIELD
СВ	BASIN	EQ	EQUAL	HORZ	HORIZONTAL	0.4	0)/50411	OII	PANEL	VP	VENT PIPE
CEM	CEMENT	EQP,	EQUIPMENT	HP	HIGH POINT	OA	OVERALL	SLID	SLIDING	VS	VINYL SHEET
CER/CT	CERAMIC/ CERAMIC TILE	EQUIP	EQUI MEIVI	HR	HOUR	OC	ON CENTER	SMV	SMOKE-VENTING HATCH	VT	VINYL TILE
CG	CORNER GUARD	ES	EACH SIDE	HT	HEIGHT	OD	OUTSIDE DIAMETER	SPEC	SPECIFICATIONS	VWC	VINYL WALL COVERING
CHP	CONCRETE HOUSEKEEPING	ETR	EXISTING TO REMAIN	HVAC	HEATING, VENTILATION & AIR	OH	OPPOSITE HAND	SPF	SPECIFIED		
OH	PAD	EXIST	EXISTING		CONDITIONING	OPER	OPPERATE	SPK	SPEAKER	W	WIDE, WIDE FLANGE
CIP	CAST IN PLACE	EXP	EXPOSED	ID	INCIDE DIAMETED	OPNG	OPENING	SPR	SPRINKLER	W/	WITH
CJ	CONTROL JOINT	EXT	EXTERIOR	ID	INSIDE DIAMETER	OVHD	OVERHEAD	SQ	SQUARE FEET	W/O, WO	WITHOUT
CL	CENTERLINE	EXTIN	EXTINGUISHER	IN	INCH OR INCHES	OZ	OUNCES	SS	STAINLESS STEEL	WB	WHITE BOARD (MARKER
CLG	CEILING		_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IN2	SQUARE INCH			ST	STREET		BOARD)
CLKG	CAULKING	FB	FLAT BAR	IN3	CUBIC INCHES	PARTN	PARTITION	STD	STANDARD	WBO	WORK BY OTHERS
CLOS	CLOSET	FC	FIRE CODE	INCAN	INCANDESCENT	PC	PRECAST CONCRETE	STIFF	STIFFENER	WBOR	WORK BY OWNER
CLR	CLEAR(ANCE)	FCP	FIBER CEMENT PANEL	INFIL	INFILTRATION	PERIM	PERIMETER	STL	STEEL	WC	WATER CLOSET
CMU	CONCRETE MASONRY UNIT	FD.	FLOOR DRAIN	INSUL	INSULATION	PERP	PERPENDICULAR (TO)	STOR	STORAGE	WD	WOOD
CO	CLEAR OPENING	FDC	FIRE DEPARTMENT	INT	INTERIOR	PL	PLATE	STRUCT	STRUCTURAL	WD	WINDOW DIMENSION
COL	COLUMN	100	CONNECTION	INV	INVERT	PL	PLASTIC LAMINATE	SUSP	SUSPENDED	WG	WIRE GLASS, WALL GUARD
CONC	CONCRETE (PORTLAND	FDV	FIRE DEPARTMENT VALVE		IANUTOR	PL	PLATE	SY	SQUARE YARD	WH	WALL-HUNG
00110	CEMENT)	FDVC	FIRE DEPARTMENT VALVE	JAN	JANITOR	PLAS	PLASTER	01	OQUINE THE	WI	WROUGHT IRON
COND	CONDITION		CABINET	JB	JUNCTION BOX	PLUMB	PLUMBING	т	TREAD	WIND	WINDOW
CONST	CONSTRUCTION	FE	FIRE EXTINGUISHER	JST	JOIST	PLWD	PLYWOOD	T&G	TONGUE & GROOVE	WO	WINDOW OPENING
CONT	CONTINUOUS	FEC	FIRE EXTINGUISHER CABINET	JT	JOINT	PNL	PANEL	TB	TACK BOARD	WP	WATERPROOFING
CONTR	CONTRACTOR	FF	FACTORY FINISH			POL	POLISHED	TBLE	TABLE	WT	WEIGHT
CORR	CORRIDOR	FFE	FINISH FLOOR ELEVATION	LAM	LAMINATE(D)	PR	PAIR	TC	TERRA COTTA	WWF	WELDED WIRE FABRIC
CR	COLD ROLLED	FH	FLAT HEAD	LBS/#	POUNDS	PT	PRESSURE TREATED	TD	TRENCH DRAIN	WWM	WELDED WIRE MESH
CTOP	COUNTERTOP	FHC	FIRE HOSE CABINET	LCC	LEAD COATED COPPER	PT	PAINT(ED)	TEL	TELEPHONE		
CU	CUBIC, COPPER	FIN	FINISH	LDP	LAMINATED DRYWALL				TERRAZZO	X	INDICATES "TIMES" OR "BY"
CUH	CABINET UNIT HEATER	FL	FLOOR, FLOORING		PARTITION	QT	QUARRY TILE	TERR		^	
0011	CADINET ON THEATEN	FLASH	FLASHING	LGMF	LIGHT GAUGE METAL	QTY	QUANTITY	TG	TEMPERED GLASS	YD	YARD
"	DITTO (REPEAT)	FLUOR	FLUORESCENT	LOTU	FRAMING			THK	THICKNESS	טו	.,
DA	DOUBLE ACTING	FO	FRAMED OPENING	LGTH	LENGTH	R	RISER	THRESH	THRESHOLD	Z	Z STUD (STRUCTURAL SHAPE
DAFS	DIRECT APPLIED FINISH	FOS	FACE OF STEEL / STUD	LIWT	LIGHT WEIGHT	R=	RADIUS	TLT	TOILET	۷	2 0100 (OTROCTORAL SHAPE)
טאו ט	SYSTEM	FP	FIREPROOF(ING)	LOW	LIMIT OF WORK	RAD ENC	L RADIATOR ENCLOSURE	TO	TOP OF BLOOKING		

LOW POINT

LIGHTING

LOUVER

LTG

LVR

ROOF DRAIN

RESILIENT BASE

TOB

TOC

TOF

TOP OF BLOCKING

TOP OF CONCRETE

TOP OF FOOTING

BUILDING CODE SUMMARY

SECTION 7 - CODE ANALYSIS: STOREFRONT AND EXTERIOR DOOR REPLACEMENT THE REMOVAL AND REPLACEMENT OF THE EXISTING STOREFRONTS AND DOORS SHALL MEET THE REQUIREMENTS OF THE FOLLOWING CODES, REGULATIONS AND ALL RELEVANT STANDARDS REFERENCED THEREIN:

1. CMR 780 MASSACHUSETTS STATE BUILDING CODE, TENTH EDITION (2021 INTERNATIONAL BUILDING CODE WITH MASSACHUSETTS AMENDMENTS)

- CHAPTER 13 COMMERCIAL ENERGY EFFICIENCY (2021 INTERNATIONAL ENERGY CONSERVATION ENERGY CODE AND ASHRAE 90.1-2016 WITH MASSACHUSETTS AMENDMENTS)
- · CHAPTER 34 EXISTING BUILDING CODE (2021 INTERNATIONAL EXISTING BUILDING CODE WITH MASSACHUSETTS AMENDMENTS)
- CHAPTER 115 AA MASSACHUSETTS STRETCH ENERGY CODE.

2.CMR 521 MASSACHUSETTS ARCHITECTURAL ACCESS BOARD RULES AND REGULATIONS.

CMR 780 MASSACHUSETTS STATE BUILDING CODE, TENTH EDITION ANALYSIS

CHAPTER 5 [CE]: EXISTING BUILDINGS:

SECTION C501.1 SCOPE.

THE PROVISIONS OF THIS CHAPTER SHALL CONTROL THE ALTERATION, REPAIR, ADDITION AND CHANGE OF OCCUPANCY OF EXISTING BUILDINGS AND STRUCTURES.

SECTION C501.2 EXISTING BUILDINGS:

EXCEPT AS SPECIFIED IN THIS CHAPTER, THIS CODE SHALL NOT BE USED TO REQUIRE THE REMOVAL, ALTERATION, OR ABANDONMENT OF, NOR PREVENT THE CONTINUED USED AND MAINTENANCE OF, AN EXISTING BUILDING OR BUILDING SYSTEM LAWFULLY IN EXISTENCE AT THE TIME OF ADOPTION OF THIS CODE.

SECTION C503.1 ALTERATIONS, GENERAL:

ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE CODE FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NO LESS CONFORMING TO THE PROVISIONS OF THIS CODE THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION. ALTERATIONS TO AN EXISTING BUILDING, BUILDING SYSTEM OR PORTION THEREOF SHALL CONFORM TO THE PROVISIONS OF THIS CODE AS THOSE PROVISIONS RELATE TO NEW CONSTRUCTION WITHOUT REQUIRING THE UNALTERED PORTIONS OF THE EXISTING BUILDING OR BUILDING SYSTEM TO COMPLY WITH THIS CODE. ALTERATIONS SHALL NOT CREATE AN UNSAFE OR HAZARDOUS CONDITION OR OVERLOAD EXISTING BUILDING SYSTEMS.

CHAPTER 13 COMMERCIAL ENERGY EFFICIENCY

TABLE C301.1 CLIMATE ZONES, MOISTURE REGIMES, AND WARM-HUMID DESIGNATIONS BY STATE, COUNTY, AND TERRITORY.

MASSACHUSETTS 5A(ALL)

SECTION C401.2.1 APPLICATION TO REPLACEMENT FENESTRATION PRODUCTS. WHERE SOME OR ALL OF AN EXISTING FENESTRATION UNIT IS REPLACED WITH A NEW FENESTRATION PRODUCT, INCLUDING SASH AND GLAZING, THE REPLACEMENT FENESTRATION UNIT SHALL MEET THE APPLICABLE REQUIREMENTS FOR U-FACTOR AND SHGC IN TABLE C402.4.

EXCEPTION: AN AREA-WEIGHTED AVERAGE OF THE *U*-FACTOR OF REPLACEMENT FENESTRATION PRODUCTS BEING INSTALLED IN THE BUILDING FOR EACH FENESTRATION PRODUCT CATEGORY LISTED IN TABLE C402.4 SHALL BE PERMITTED TO SATISFY THE *U*-FACTOR REQUIREMENTS FOR EACH FENESTRATION PRODUCT CATEGORY LISTED IN TABLE C402.4. INDIVIDUAL FENESTRATION PRODUCTS FROM DIFFERENT PRODUCT CATEGORIES LISTED IN TABLE C402.4 SHALL NOT BE COMBINED IN CALCULATING THE AREA-WEIGHTED AVERAGE *U-*FACTOR.

FOR EXISTING BUILDINGS WHERE AN EXISTING FENESTRATION UNIT IS BEING REPLACED, THE CODE REQUIRES THAT THE NEW FENESTRATION UNIT COMPLIES WITH THE REQUIREMENTS FOR NEW CONSTRUCTION FOUND IN TABLE 402.4. MANY EXISTING BUILDINGS WERE CONSTRUCTED UNDER LESS STRINGENT, OR PRIOR TO ANY, ENERGY CONSERVATION REQUIREMENTS. UPGRADING STOREFRONTS AT THE TIME OF REPLACEMENT IS AN EASY WAY TO IMPROVE A BUILDING'S EFFICIENCY. CHAPTER 5 [CE] PROVIDES ADDITIONAL REQUIREMENTS FOR EXISTING BUILDINGS THE EXCEPTIONS FOR STOREFRONTS IN CHAPTER 5 [CE] ADDRESS SITUATIONS OTHER THAN THE REPLACEMENT OF A FENESTRATION UNIT. THE EXCEPTION IN THIS SECTION PROVIDES FLEXIBILITY FOR INSTALLING STOREFRONTS OF EACH CATEGORY. FOR EXAMPLE, WHILE TABLE C402.4 WOULD REQUIRE OPERABLE FENESTRATION PRODUCTS IN A BUILDING IN CLIMATE ZONE 3 TO HAVE A MAXIMUM U-FACTOR OF 0.60. STOREFRONTS OF HIGHER U-FACTORS COULD BE INSTALLED IN SOME STOREFRONT OPENINGS, PROVIDED THAT OTHER OPERABLE STOREFRONTS HAVE A LOWER U-FACTOR. THE KEY IS THAT THE AREA OF ALL FENESTRATIONS OF THAT CATEGORY (FIXED VERSUS OPERABLE VERSUS ENTRANCE DOORS) AVERAGE AT OR BELOW THE MAXIMUM *U*-FACTOR FOR THAT ZONE.

TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM *U*-FACTOR AND SHGC REQUIREMENTS

CLIMATE ZONE: 5 AND MARINE 4

U-FACTOR FIXED FENESTRATION 0.30 OPERABLE FENESTRATION 0.32 ENTRANCE DOORS

PF=> 0.5

FIXED OPERABLE 0.38 0.33 PF=0.2-0.5 0.46 0.40

0.61

NR=NO REQUIREMENT, PF=PROJECTION FACTOR

CHAPTER 34 EXISTING BUILDING CODE 2021 INTERNATIONAL EXISTING BUILDING CODE WITH MASSACHUSETTS AMENDMENTS

SECTION 503 ALTERATION - LEVEL 1 REMOVAL AND REPLACEMENT OF EXISTING MATERIALS USING NEW MATERIALS THAT SERVE THE SAME PURPOSE SHALL BE CLASSIFIED AS LEVEL 1 ALTERATIONS.

SECTION 702.6 MATERIALS AND METHODS ALL NEW WORK SHALL COMPLY WITH THE MATERIALS AND METHODS

0.53

REQUIREMENTS IN THE INTERNATIONAL BUILDING CODE.

CHAPTER 115 AA MASSACHUSETTS STRETCH ENERGY CODE

AA104 EXISTING BUILDINGS. FOR ALTERATIONS, RENOVATIONS, ADDITIONS, OR REPAIRS OF EXISTING BUILDINGS IN THESE MUNICIPALITIES THE ENERGY EFFICIENCY REQUIREMENTS OF 780 CMR 13.00 ENERGY EFFICIENCY OR 51.00 MASSACHUSETTS RESIDENTIAL CODE, SECTIONS N1100.1 THROUGH N1111.2, SHALL BE USED AS APPLICABLE BASED ON THE USE AND OCCUPANCY OF THE BUILDING.

GENERAL NOTES

- 1. "N.I.C." IS NOTED ON ITEMS NOT IN THE CONTRACT. "BY OWNER" AND/OR "OTHERS" ARE NOTED ON ITEMS TO BE PROVIDED UNDER SEPARATE CONTRACT BY THE TENANT.
- 2. WHERE A TYPICAL CONDITION IS DETAILED AND/OR NOTED, IT SHALL BE UNDERSTOOD THAT ALL LIKE OR SIMILAR
- CONDITIONS SHALL BE THE SAME UNLESS SPECIFICALLY DETAILED OR NOTED OTHERWISE. 3. DO NOT SCALE DRAWINGS. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL REQUEST CLARIFICATION FROM THE ARCHITECT OF ANY DIMENSIONAL REQUIREMENT AS
- 4. THE TERM "AFFECTED WORK" AS USED IN THESE GENERAL NOTES SHALL BE DEEMED TO BE ANY REQUIREMENT OF THE CONSTRUCTION DOCUMENTS AND SHALL BE FURTHER DEEMED TO INCLUDE THE PROCUREMENT OF ANY AND ALL MATERIALS, TOOLS, LABOR, ETC., AS FURTHER DESCRIBED IN THE SPECIFICATIONS, REQUIRED FOR THE EXECUTION OF SUCH WORK.

NECESSARY FOR THE PROPER EXECUTION OF ANY AFFECTED WORK PRIOR TO THE COMMENCEMENT OF SUCH

- 5. THE CONTRACTOR SHALL REPORT ANY DISCREPANCY WITHIN THE CONTRACT DOCUMENTS TO THE ARCHITECT FOR CLARIFICATION AND/OR RESOLUTION PRIOR TO THE COMMENCEMENT OF ANY AFFECTED WORK. SUCH CLARIFICATION AND/OR RESOLUTION SHALL BE PROVIDED BY THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY AFFECTED WORK.
- 6. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE, BUILDING, AND UTILITY CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES BETWEEN SUCH EXISTING CONDITIONS AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS TO THE ARCHITECT FOR CLARIFICATION AND/OR RESOLUTION, PRIOR TO THE COMMENCEMENT OF ANY AFFECTED WORK. THE ARCHITECT SHALL PROVIDE SUCH CLARIFICATION AND/OR RESOLUTION PRIOR TO THE COMMENCEMENT OF ANY AFFECTED WORK.
- 7. THE LOCATIONS OF ALL NEW PLUMBING FIXTURES, MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING ARE TO BE CONSIDERED DIAGRAMMATIC UNLESS SPECIFICALLY NOTED AND/OR DIMENSIONED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION REQUIREMENTS FOR THE SAME, AND SHALL REPORT ANY CONFLICTS AFFECTING THE CONSTRUCTION DOCUMENTS TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY AFFECTED WORK. THE ARCHITECT SHALL PROVIDE CLARIFICATION AND/OR RESOLUTION REGARDING ANY SUCH CONFLICT PRIOR TO THE COMMENCEMENT OF ANY AFFECTED WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY REQUIREMENTS FOR ALL OFFSETS, BENDS, ELBOWS, AND/OR OTHER COMPONENTS NOT DRAWN BUT NECESSARY FOR PROPER EXECUTION OF THE WORK, AND ALL SUCH MISCELLANEOUS COMPONENTS SHALL BE DEEMED TO BE PART OF THE SCOPE OF WORK REQUIRED BY THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL MANUFACTURERS' REQUIREMENTS FOR MECHANICAL EQUIPMENT RELATED TO POWER, WATER SUPPLY, DRAINAGE, PADS, BASES. ANCHORAGE, STRUCTURAL OPENINGS, ETC. PIPING AND DUCTS PENETRATING WALLS AND/OR FLOOR/CEILING ASSEMBLIES SHALL BE PROVIDED WITH ALL NECESSARY FRAMES, BRACING, FIRESAFING, AND ACOUSTICAL SEALANT AROUND SUCH OPENINGS. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS.
- 8. NOMINAL DIMENSIONS FOR LUMBER AND WOOD TRIM ARE NOTED IN THE FOLLOWING FORMAT: 1 x 4, 5/4 x 4, 2 x 4, ETC. ACTUAL DIMENSIONS, WHERE REQUIRED, ARE NOTED AS 1" x 2" ETC.
- 9. VERTICAL DATUM: ARCHITECTURAL DRAWINGS REFERENCE THE MAIN FLOOR CLOSEST TO GROUND LEVEL AS 100'-0." ALL ARCHITECTURAL SPOT ELEVATIONS AS REFERENCED BY MARKER:

NAME OF LEVEL 100'-0" (###.##)

ARE RELATIVE TO THIS ARCHITECTURAL DATUM. THE NUMBER IN PARENTHESIS, WHERE USED, IS INTENDED TO CONVEY THE CIVIL DATUM IN DECIMAL FEET. REFER TO CIVIL DRAWINGS FOR BENCHMARK AND ACTUAL GRADE

PHASING & ALTERNATES:

FRONT/EAST FACADE (GRAFTON STREET) WINDOWS. SOUTH FACADE (DORCHESTER ST.) WINDOWS

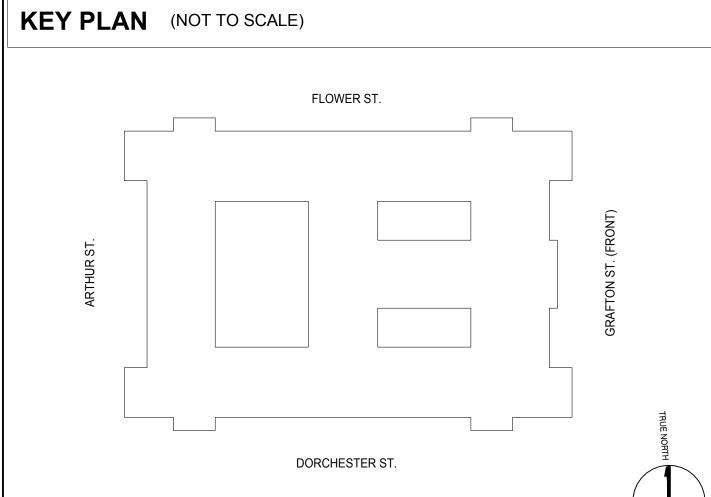
ALTERNATE 2: URGENT COURTYARD WINDOWS (AS SHOWN ON DRAWINGS). ALTERNATE 3: REMAINING COURTYARD WINDOWS -EXCEPT THOSE RECENTLY REPLACED (AS SHOWN ON DRAWINGS).

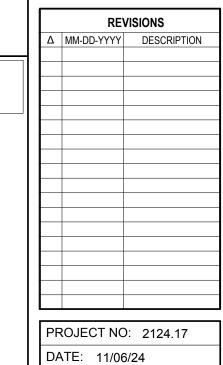
EXTERIOR BUILDING DOOR ENTRIES (EXCEPT FRONT AND BOILER ROOM), NORTH FACADE WINDOWS (FLOWER ST.) ALTERNATE 1: WEST FACADE (ARTHUR ST.) WINDOWS.

Q A

ЩO

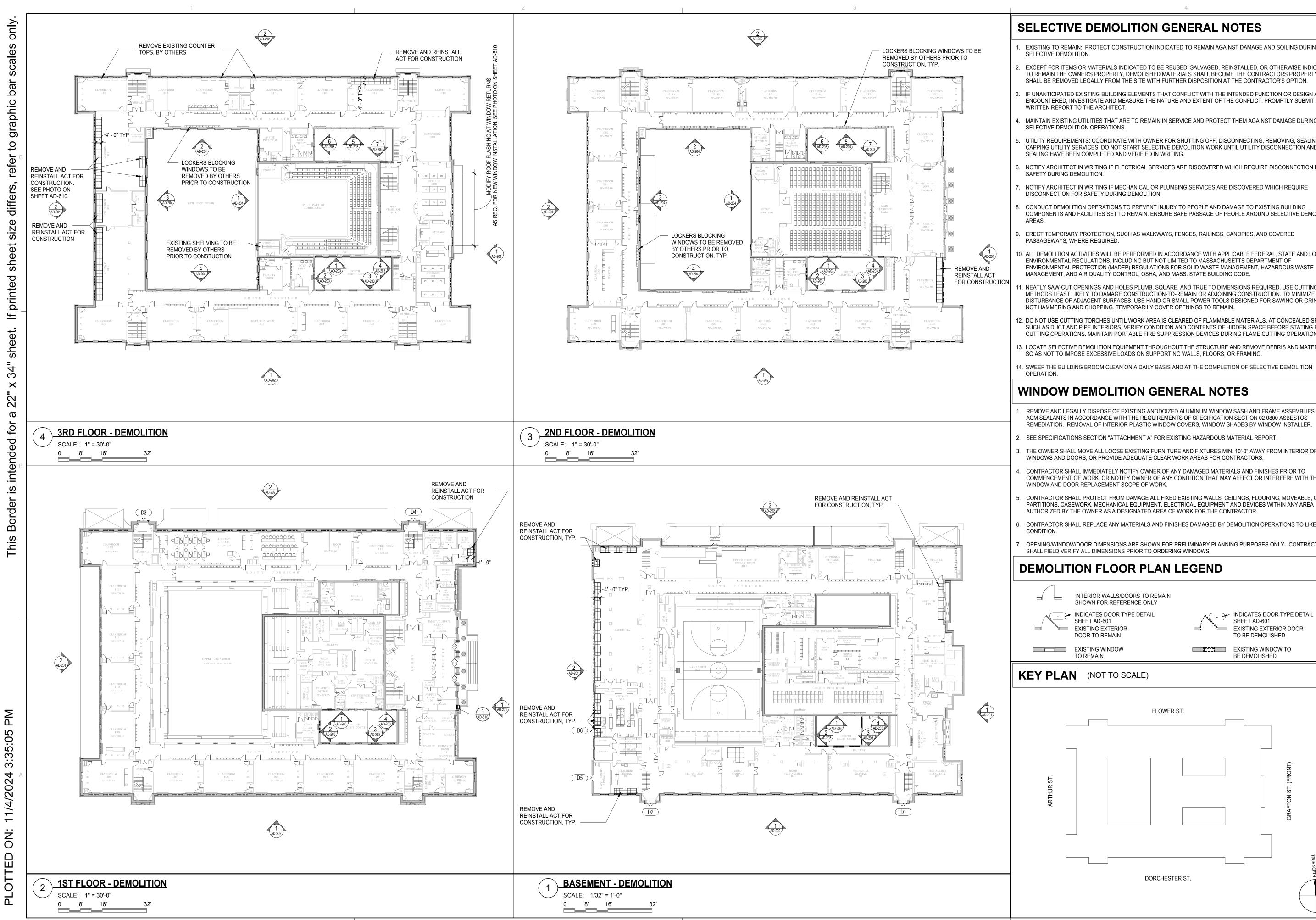
ш





SCALE: AS NOTED DRAWN BY: JW CHECKED BY: MB

> SYMBOLS, ABBREVIATIONS, **GENERAL NOTES &** CODE SUMMARY



SELECTIVE DEMOLITION GENERAL NOTES

- EXISTING TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION.
- EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN THE OWNER'S PROPERTY, DEMOLISHED MATERIALS SHALL BECOME THE CONTRACTORS PROPERTY AND
- IF UNANTICIPATED EXISTING BUILDING ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, INVESTIGATE AND MEASURE THE NATURE AND EXTENT OF THE CONFLICT. PROMPTLY SUBMIT A WRITTEN REPORT TO THE ARCHITECT.
- MAINTAIN EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
- . UTILITY REQUIREMENTS: COORDINATE WITH OWNER FOR SHUTTING OFF, DISCONNECTING, REMOVING, SEALING OR CAPPING UTILITY SERVICES. DO NOT START SELECTIVE DEMOLITION WORK UNTIL UTILITY DISCONNECTION AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING.
- ENOTIFY ARCHITECT IN WRITING IF ELECTRICAL SERVICES ARE DISCOVERED WHICH REQUIRE DISCONNECTION FOR SAFETY DURING DEMOLITION.
- NOTIFY ARCHITECT IN WRITING IF MECHANICAL OR PLUMBING SERVICES ARE DISCOVERED WHICH REQUIRE DISCONNECTION FOR SAFETY DURING DEMOLITION.
- 8. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO EXISTING BUILDING COMPONENTS AND FACILITIES SET TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION
- ERECT TEMPORARY PROTECTION, SUCH AS WALKWAYS, FENCES, RAILINGS, CANOPIES, AND COVERED PASSAGEWAYS, WHERE REQUIRED.
- 10. ALL DEMOLITION ACTIVITIES WILL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS, INCLUDING BUT NOT LIMITED TO MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION (MADEP) REGULATIONS FOR SOLID WASTE MANAGEMENT, HAZARDOUS WASTE MANAGEMENT, AND AIR QUALITY CONTROL, OSHA, AND MASS. STATE BUILDING CODE.
- . NEATLY SAW-CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION-TO-REMAIN OR ADJOINING CONSTRUCTION. TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING. TEMPORARILY COVER OPENINGS TO REMAIN.
- 12. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS. VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STATING FLAME CUTTING OPERATIONS. MAINTAIN PORTABLE FIRE SUPPRESSION DEVICES DURING FLAME CUTTING OPERATIONS.
- 13. LOCATE SELECTIVE DEMOLITION EQUIPMENT THROUGHOUT THE STRUCTURE AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
- 4. SWEEP THE BUILDING BROOM CLEAN ON A DAILY BASIS AND AT THE COMPLETION OF SELECTIVE DEMOLITION OPERATION.

WINDOW DEMOLITION GENERAL NOTES

- REMOVE AND LEGALLY DISPOSE OF EXISTING ANODOIZED ALUMINUM WINDOW SASH AND FRAME ASSEMBLIES WITH ACM SEALANTS IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION SECTION 02 0800 ASBESTOS REMEDIATION. REMOVAL OF INTERIOR PLASTIC WINDOW COVERS, WINDOW SHADES BY WINDOW INSTALLER.
- SEE SPECIFICATIONS SECTION "ATTACHMENT A" FOR EXISTING HAZARDOUS MATERIAL REPORT.
- THE OWNER SHALL MOVE ALL LOOSE EXISTING FURNITURE AND FIXTURES MIN. 10'-0" AWAY FROM INTERIOR OF WINDOWS AND DOORS, OR PROVIDE ADEQUATE CLEAR WORK AREAS FOR CONTRACTORS.
- CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER OF ANY DAMAGED MATERIALS AND FINISHES PRIOR TO COMMENCEMENT OF WORK, OR NOTIFY OWNER OF ANY CONDITION THAT MAY AFFECT OR INTERFERE WITH THE
- WINDOW AND DOOR REPLACEMENT SCOPE OF WORK. CONTRACTOR SHALL PROTECT FROM DAMAGE ALL FIXED EXISTING WALLS, CEILINGS, FLOORING, MOVEABLE, OR FIXED
- AUTHORIZED BY THE OWNER AS A DESIGNATED AREA OF WORK FOR THE CONTRACTOR. CONTRACTOR SHALL REPLACE ANY MATERIALS AND FINISHES DAMAGED BY DEMOLITION OPERATIONS TO LIKE NEW
- OPENING/WINDOW/DOOR DIMENSIONS ARE SHOWN FOR PRELIMINARY PLANNING PURPOSES ONLY. CONTRACTOR
- SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING WINDOWS.

DEMOLITION FLOOR PLAN LEGEND

INTERIOR WALLS/DOORS TO REMAIN SHOWN FOR REFERENCE ONLY → INDICATES DOOR TYPE DETAIL SHEET AD-601 EXISTING EXTERIOR

DOOR TO REMAIN

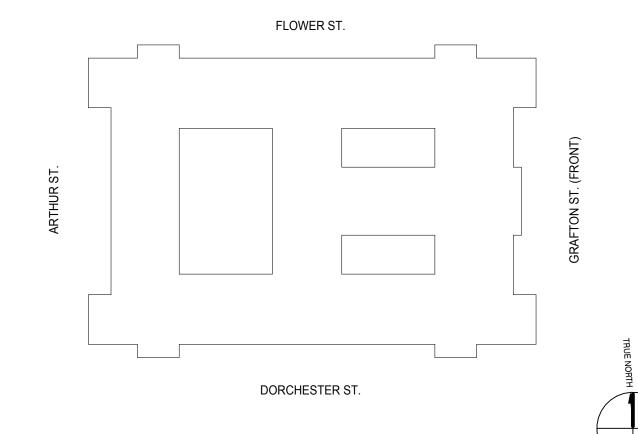
TO REMAIN

INDICATES DOOR TYPE DETAIL SHEET AD-601 EXISTING EXTERIOR DOOR TO BE DEMOLISHED

EXISTING WINDOW TO BE DEMOLISHED

KEY PLAN (NOT TO SCALE)

EXISTING WINDOW



REVISIONS Δ MM-DD-YYYY DESCRIPTION

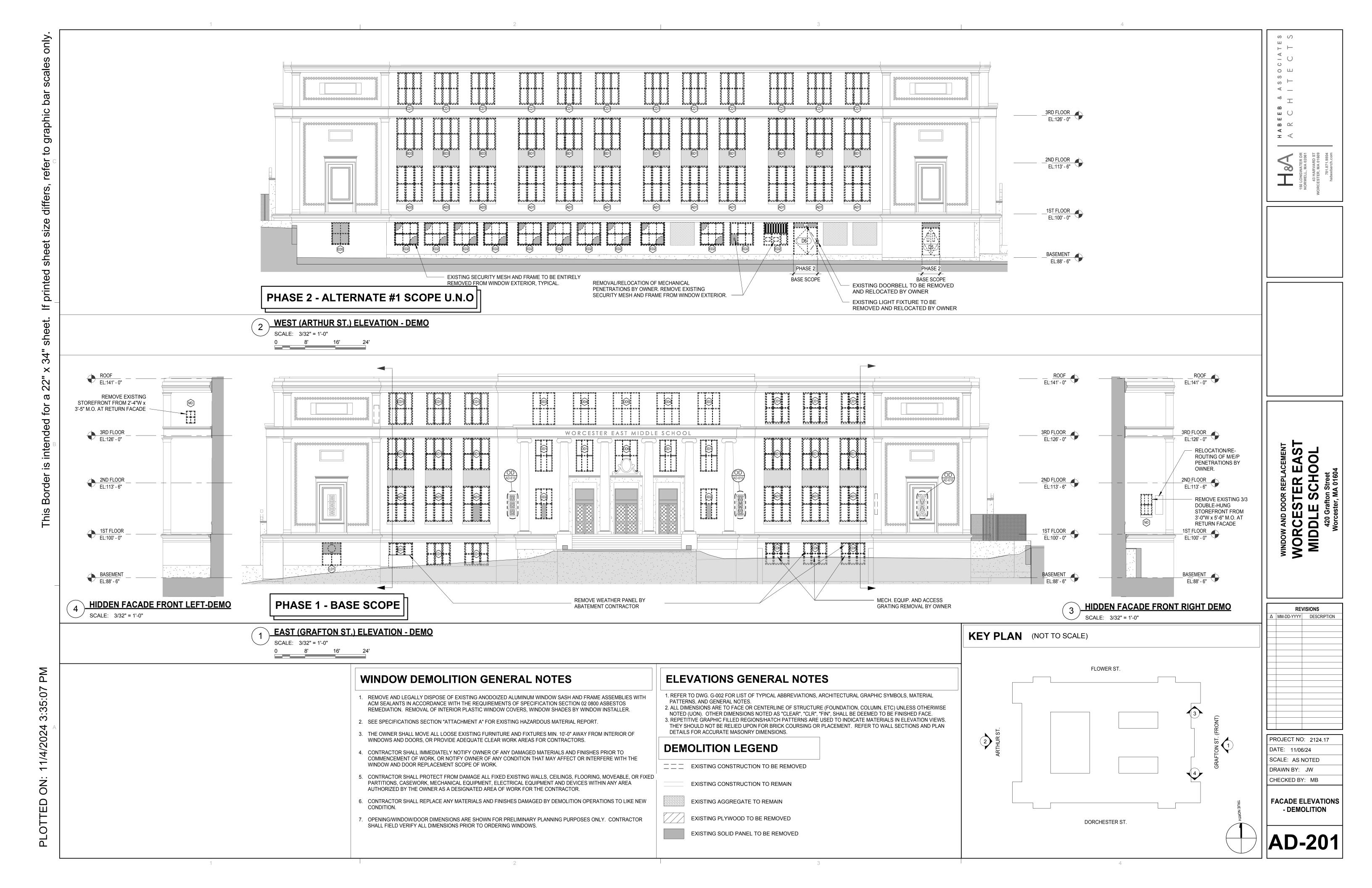
ER EAS

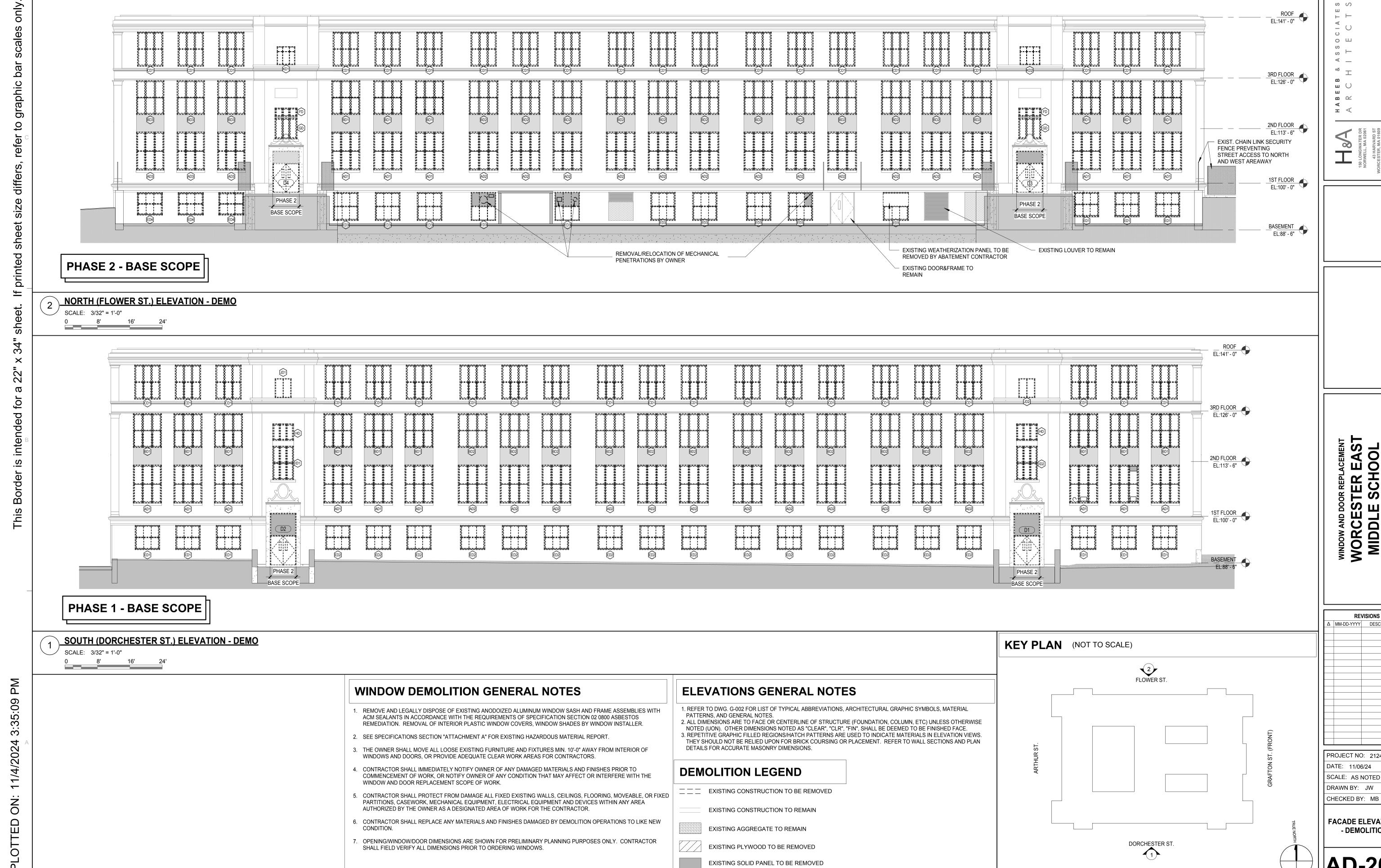
WORCES
WORCES
MIDDLE

420 Graft

PROJECT NO: 2124.17 DATE: 11/06/24 SCALE: AS NOTED DRAWN BY: JW CHECKED BY: MB

> **FLOOR PLANS -**DEMOLITION REFERENCE ONLY





STER EAST

STER EAST

SCHOOL

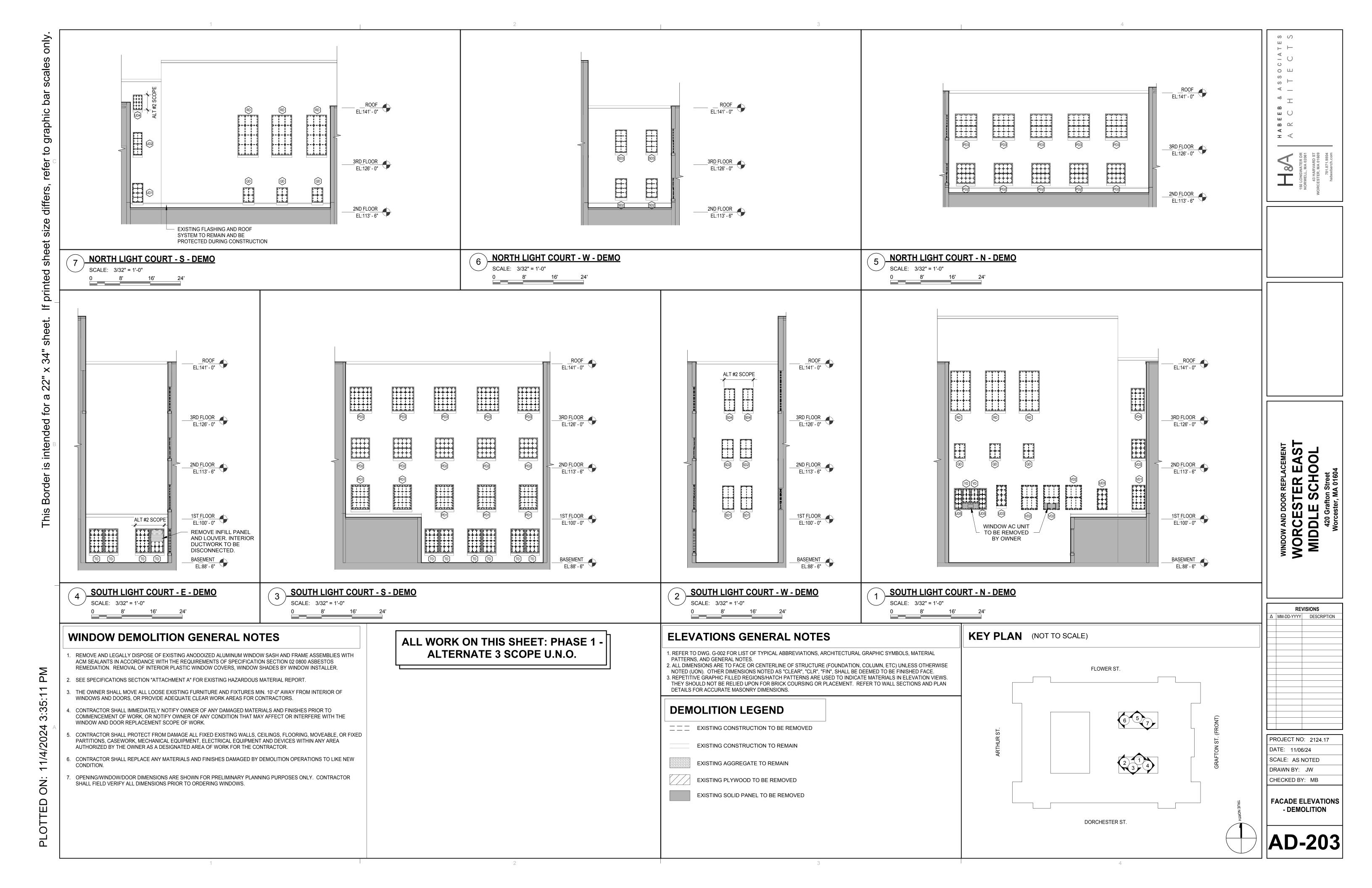
afton Street
er, MA 01604 WORCES
WORCES
MIDDLE

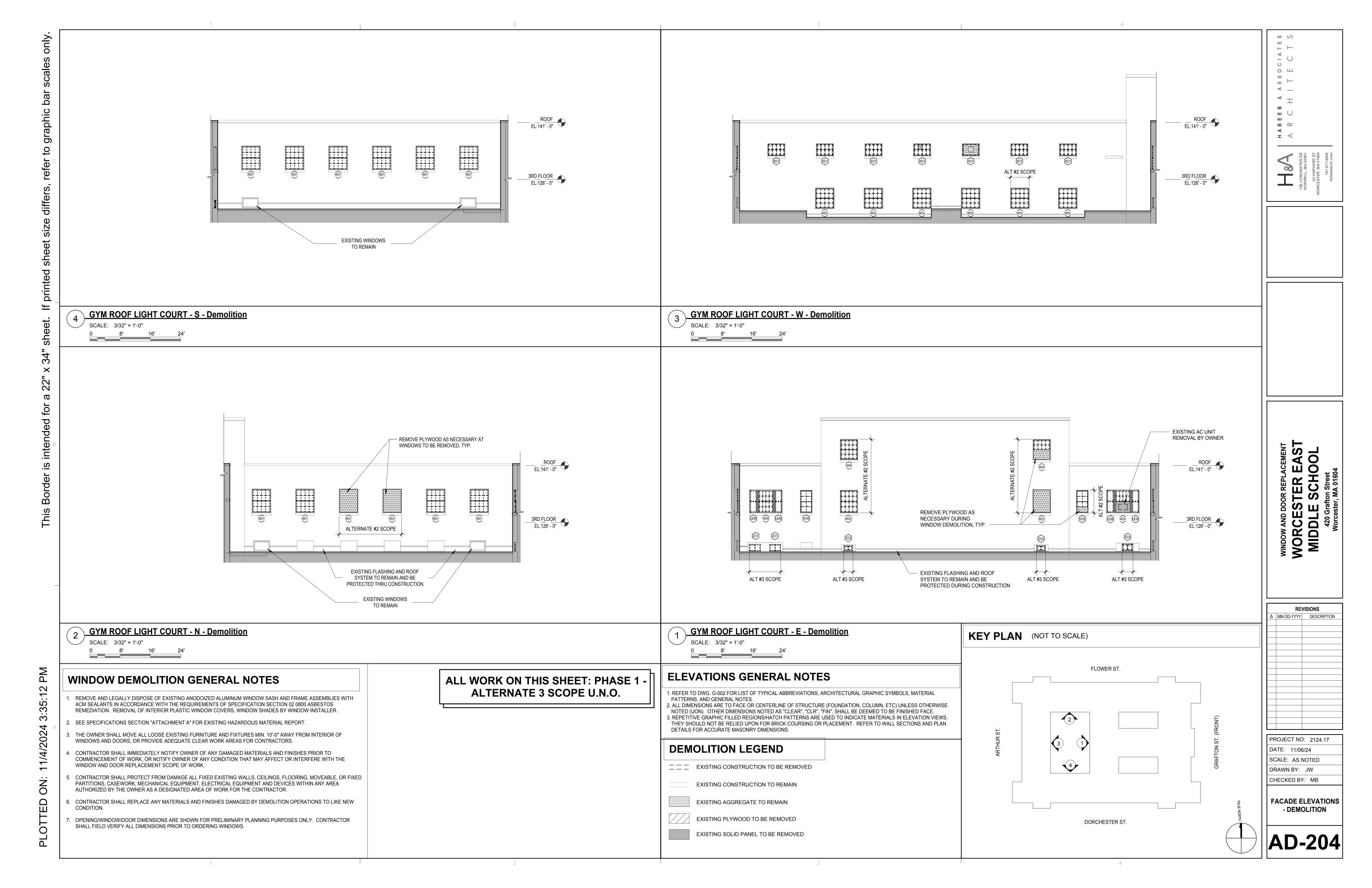
420 Graft

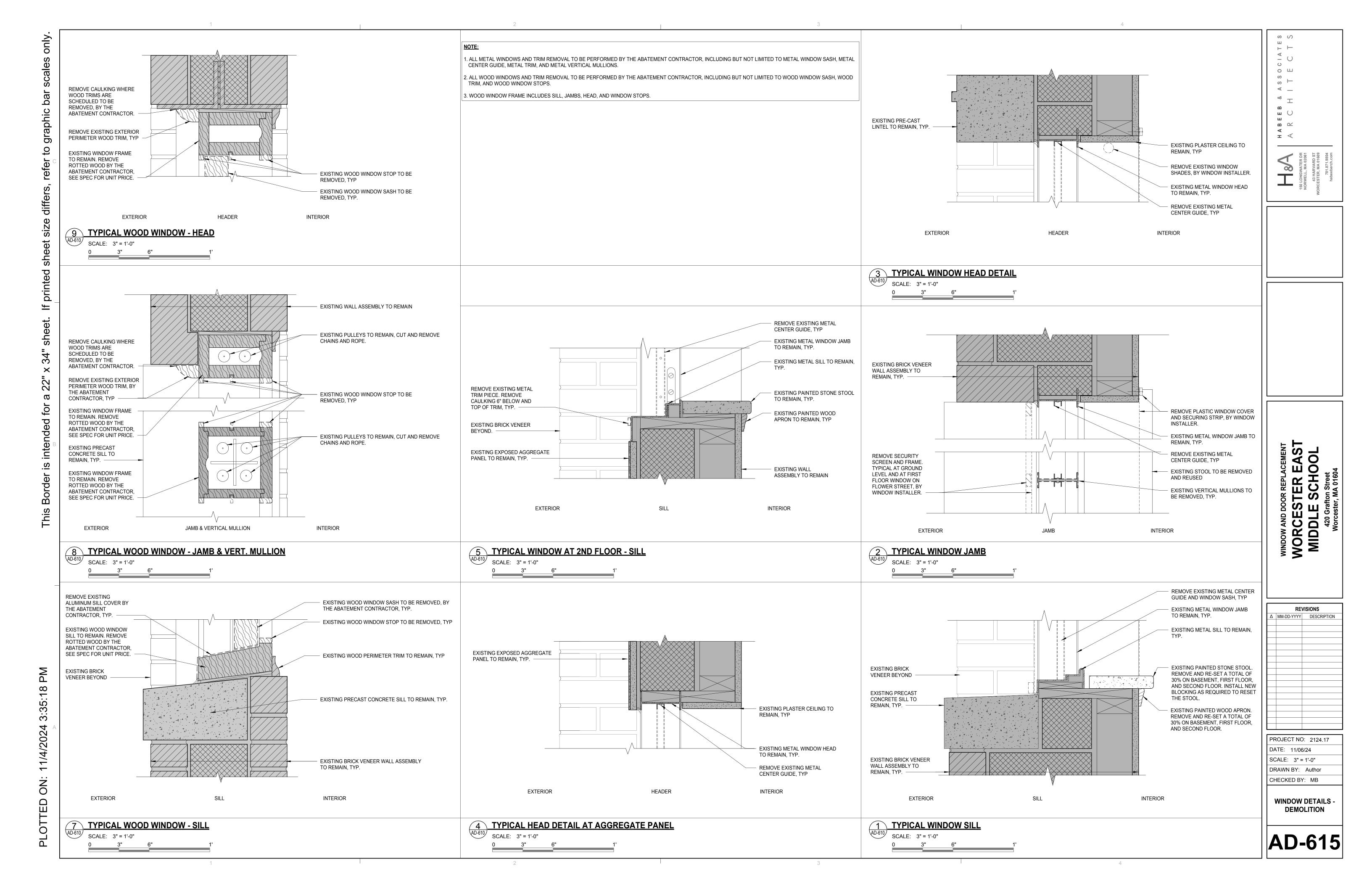
Δ MM-DD-YYYY DESCRIPTION

PROJECT NO: 2124.17 DATE: 11/06/24 SCALE: AS NOTED DRAWN BY: JW

FACADE ELEVATIONS - DEMOLITION

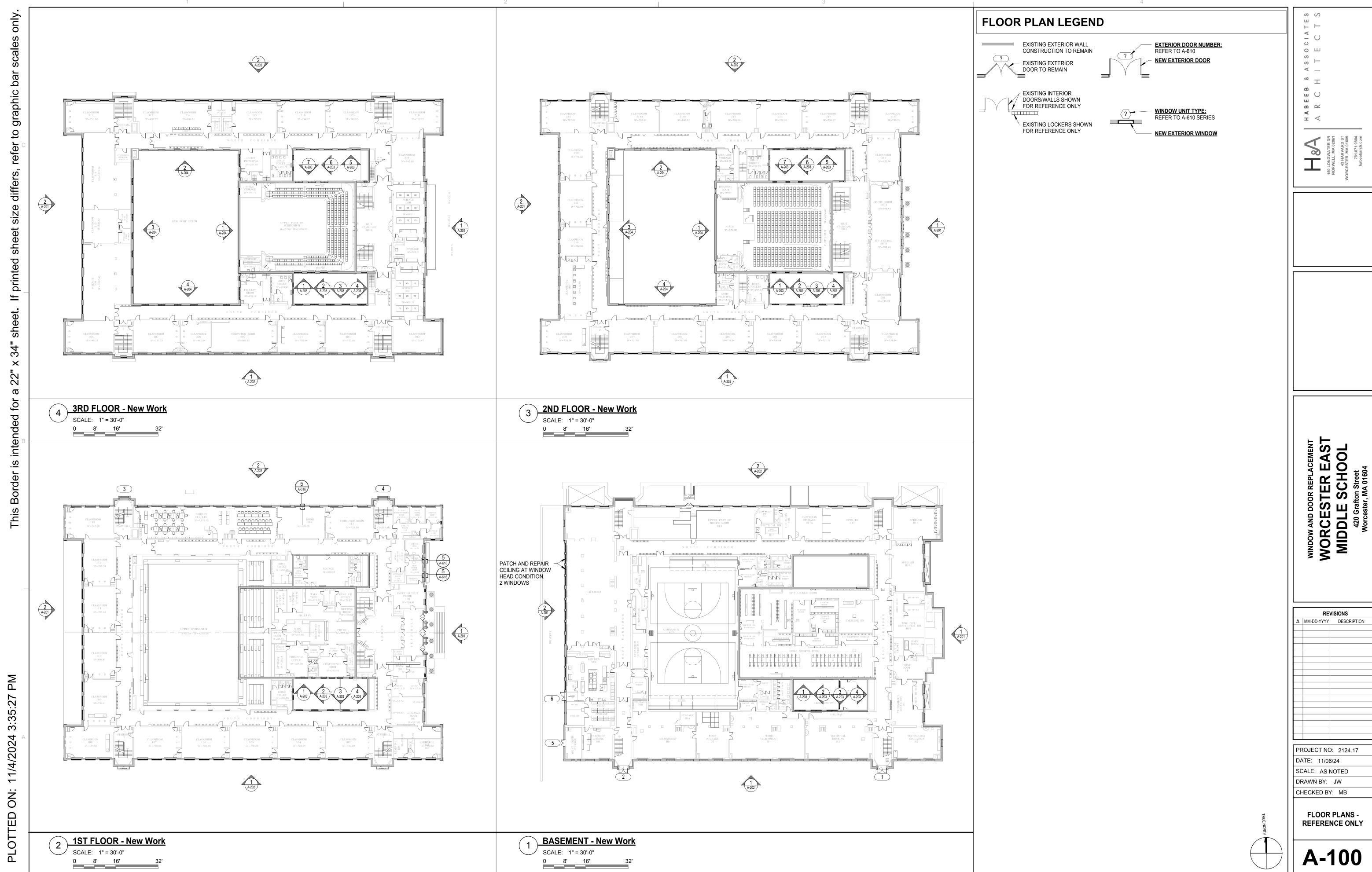






REVISIONS

PROJECT NO: 2124.17



A-100

REVISIONS

