### PROJECT INFORMATION

# CHAIRLIFT REPLACEMENT FOR: WESTLAND MIDDLE SCHOOL

# MONTGOMERY COUNTY PUBLIC SCHOOLS 5511 MASSACHUSETTS AVENUE BETHESDA, MARYLAND 20816



### CONTACT LIST

### OWNER:

MONTGOMERY COUNTY PUBLIC SCHOOLS DIVISION OF DESIGN AND CONSTRUCTION 45 WEST GUDE DRIVE, SUITE 4300

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### MECH. / ELEC. ENGINEER:

ALBAN ENGINEERING, INC.

303 INTERNATIONAL CIR #450

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TEL.: (410)-842-6411

### GENERAL NOTES

- GOVERNING LAWS AND CODES, VISIT THE SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS BEFORE SUBMITTING BIDS.
- PART OF THE CONTRACTOR'S WORK INVOLVES ALTERATIONS TO AN EXISTING FACILITY. THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE ACTUAL FIELD CONDITIONS, AND CHECK THE ACCURACY OF THE EXISTING CONDITIONS. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR EXECUTING ANY AND ALL WORK SHOWN, NOTED, OR

ALL WORK DESCRIBED WITHIN THE BID DOCUMENTS SHALL BE PERFORMED IN STRICT ACCORDANCE

- SAFETY CODE, 2010 ADA, AS WELL AS ORDINANCES AND REGULATIONS AND OTHER BUILDING CODES ENFORCED BY THE AUTHORITY HAVING JURISDICTION. ALL MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND

- REPAIR ALL AREAS DISTURBED BY THE WORK OF THIS PROJECT, INCLUDING SUBSTRATES OR REMAIN OR NEW FINISHES INSTALLED
- THE JOB SITE IS TO BE LEFT CLEAN AND FREE FROM DEBRIS AT ALL TIMES. UNLESS OTHERWISE NOTED, ALL WORK IS CONSIDERED TO BE NEW CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING, BRACING, AND TAKE OTHER
- PRECAUTIONS NECESSARY FOR SAFETY AS REQUIRED BY CODE AND PRACTICE.

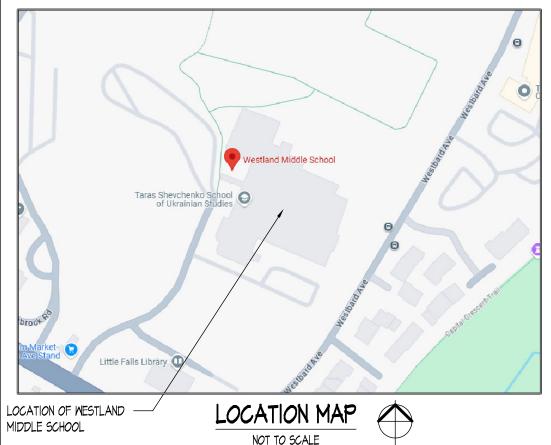
SURROUNDING AREA MITHOUT ANY VISIBLE SEAMS OR CHANGE IN APPEARANCE BETWEEN THE

- REFINISHED TO MATCH SURROUNDING AREA OR FINISHED AS INDICATED. REPAIRED AND NEW AREAS OF WALLS OR CEILINGS SHALL BLEND AND FEATHER INTO
- - AND PROTECT DUCTWORK DURING CONSTRUCTION WITH TEMPORARY FILTER ON RETURN DUCTWORK.

### REPAIRED OR NEW AREA AND THE SURROUNDING AREA WHEN VIEWED FROM A DISTANCE OF 3

- ATTACHMENT OF SURFACE AND/OR RECESSED MOUNTED EQUIPMENT OR ACCESSORIES, WHETHER SHOWN IN THE DRAWINGS OR NOT. BLOCKING TO BE FIRE RETARDANT. CONTRACTOR SHALL SUPPLY ALL NECESSARY ANCHORS, TIES, CLIPS, HANGERS, BOLTS, AND OTHER
- FASTENING DEVICES AS REQUIRED BY CODE AND GOOD PRACTICE. CONTRACTOR SHALL PROVIDE SEALANT AROUND LOUVERS, DOOR JAMBS AND HEADS, AND
- SYSTEM IN AN EXISTING BUILDING. CONTRACTOR IS RESPONSIBLE TO CONCEAL ALL NEW PIPING
- CONFIRM FINAL CEILING HEIGHT WITH CONTRACTOR DUE TO JOB CONDITIONS. EXISTING BUILDING INFORMATION IS BASED ON INFORMATION PROVIDED BY OTHERS AND PROF ASSOCIATES ARCHITECTS' FIELD SURVEYS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO SUBMITTING SHOP DRAWINGS, AND BEFORE
- CONSTRUCTION AND FABRICATION OF MATERIALS AND NOTIFY ARCHITECT OF ANY DISCREPANCE
- DIMENSIONS, NOTES, FINISHES AND FIXTURES SHOWN ON TYPICAL PLANS, SECTIONS OR DETAILS 24. THE CONTRACTOR SHALL, UPON COMPLETION OF THE WORK, CLEAN THE SPACE, INCLUDING BUT NOT LIMITED TO; GLASS, DOORS, FRAMES, FLOORS, BASE, HVAC DIFFUSERS AND GRILLS, AND LIGHT
- 26. CONTRACTORS SHALL SUPPLY AND REPLACE EXISTING AIR FILTERS IN AREAS OF RENOVATION
- CONCRETE, ETC.) WITH THE SCHOOL, CONTRACTOR SHALL PERFORM ALL SUCH WORK DURING NON-SCHOOL HOURS. NO ELECTRICAL, MECHANICAL, OR PLUMBING SHUT DOWNS ARE ALLOWED DURING SCHOOL HOURS WHILE STUDENTS OR STAFF ARE PRESENT.

VICINITY & LOCATION MAP



# ABBREVIATIONS

L.L.V.

MATL.

PLÁS. LA

RECEPT

V.C.T.

VERT.

MGT., MT.

JOINT

LAMINATE

LAVATORY

LINEAR FEET

MASONRY

MATERIAL

MAXIMUM

NATURAL

OVERALL

ON CENTER

OUT TO OUT

**OPPOSITE** 

POLISHED

PAINTED

RISERS

ROOF DRAIN

RECEPTACLE REINFORCING

ROUGH OPENING

SOLID MASONRY PIER

SPECIFICATIONS

STAINLESS STEEL

REQUIRED

REVISED

SCHEDULE

SECTION

SHEET

SQUARE

STANDARD

STORAGE

STRUCTURAL

SUSPENDED

TELEPHONE THICKNESS

THROUGH

VERTICAL

VESTIBULE

MIDTH

MOOD

WEIGHT

MINDOM

MITHOUT WEATHERPROOF

VERIFY IN FIELD

TOP OF SLAB

TOP OF STEEL

VINYL COMPOSITION TILE

VINYL WALL COVERING

WELDED WIRE FABRIC

SYMMETRICAL

TONGUE & GROOVE

OUTSIDE DIMENSION

PAINTED GYPSUM BOARD

PLASTIC LAMINATE

PREFABRICATED

PRESSURE TREATED

POLYVINYL CHLORIDE

PREFINISHED

MECHANICAL

MANUFACTURER

MISCELLANEOUS

MASONRY OPENING

NOT IN CONTRACT

LONG LEG HORIZONTA

LONG LEG VERTICAL

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### DRAWINGS LIST

### AO.I COVER SHEET

### ARCHITECTURAL DRAWINGS

CAI.O OVERALL EXISTING EGRESS FLOOR PLANS

ALL EXISTING / DEMOLITION & PROPOSED FLOOR PLANS

A5.1 INTERIOR ELEVATION AND SECTION

### ELECTRICAL DRAWINGS

BUILDING AREA

SPRINKLER

CONSTRUCTION TYPE

EO.I ELECTRICAL LEGEND, ABBREVIATIONS, & CONVENTIONS EI.I DEMOLITION & PROPOSED FLOOR PLANS

## SCOPE OF WORK SUMMARY - WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING, SEE DRAWINGS AND SPECIFICATIONS FOR FULL EXTENTS OF WORK.

THIS PROJECT CONSISTS OF INTERIOR RENOVATIONS TO AN EXISTING MIDDLE SCHOOL FOR REPLACEMENT OF AN EXISTING CHAIRLIFT WITH A NEW ADA-COMPLIANT MODEL.

IMPROVEMENTS TO THE SPACE ARE LIMITED TO INTERIOR WORK AND INCLUDE ALL OR MOST OF THE FOLLOWING ASPECTS:

SELECTIVE DEMOLITION - PROJECT INCLUDES REMOVAL OF EXISTING CHAIRLIFT ASSEMBLY AND ALL RELATED COMPONENTS. SAWCUTTING OF EXISTING MASONRY IS ALSO INCLUDED.

MASONRY - THE PROJECT INCLUDES CONSTRUCTING A NEW RECESSED CMU WALL TO ACCOMMODATE THE CHAIRLIFT. GENERAL TRADES - THE PROJECT REQUIRES INSTALLATION OF A NEW CHAIRLIFT.

FINISHES - THE PROJECT REQUIRES PATCHING & REPAIR OF EXISTING FINISHES DISTURBED BY THE WORK. ALL FINISH REPAIRS SHALL MATCH EXISTING ADJACENT MATERIALS, COLORS, & PATTERNS.

NOTE: '2010 ADA STANDARDS FOR ACCESSIBLE DESIGN' FIGURE NUMBERS REFERENCED, FOR ADDITIONAL INFORMATION REFER TO THE FULL '2010 ADA STANDARDS FOR ACCESSIBLE DESIGN'.

ELECTRICAL - THE PROJECT INCLUDES WORK AS REQUIRED FOR CONNECTION OF THE NEW CHAIRLIFT SYSTEM.

ADA MANEUVERING CLEARANCES AT DOORS

SEE LOCATION MAP

# DESIGN CODES

LEGEND

3042 ROOM NAME

( G )---

FINISHED WOOD

ROUGH WOOD

GYPSUM BOARD

RIGID INSULATION

MINDOW OPENING

SEE SCHEDULE

ROOM NAME

COLUMN REFERENCE

SHEET TO LOCATE DETAIL

SHEET TO LOCATE ELEVATION

DIRECTION OF CUTTING PLANE

SHEET TO LOCATE SECTION

- EXTENT OF SECTION CUT

WALL TYPE, FIRE-RATED

HEIGHT INDICATOR (ABOVE

FINISHED FLOOR, ABOVE

INTERIOR ELEVATION KEY:

- SHEET TO LOCATE ELEVATION

REVISION NOTE

SEA LEVEL)

----ELEVATION INDICATOR

-DIRECTION OF VIEW

SECTION NUMBER

DIRECTION OF VIEW

ACOUS.

ACT

A.D.

ADJ.

ALUM.

BLDG.

BLK'G

CLO.

CLR.

CMU

CONC.

F.O.EX.

HDW.

HVAC

INFO.

ACOUSTIC

AREA DRAIN

ADJUSTABLE

ALTERNATE

ALUMINUM

ANCHORED

ARCHITECT

BITUMINOUS

BLOCKING

BOTTOM

BEARING

CEILING

CLOSET

COLUMN

CONCRETE

CORRIDOR

DIAMETER

DIAMETER

DIMENSION

DOWNSPOUT

EXPANSION JOINT

ELEVATION

EQUIPMENT

EACH WAY

EXISTING

**EXPANSION** 

EXTERIOR

FLOOR

FLOOR DRAIN

FLUORESCENT

FIRE EXTINGUISHER

FACE OF EXISTING

FURRING/FURRED

FOOT/FEET

GALVANIZED

GENERAL CONTRACTOR

GYPSUM WALL BOARD

HEATING, VENTILATION \$

INSIDE DIAMETER

INFORMATION

INSULATION

INCHES

AIR CONDITIONING

FOOTING

GRADE

HOSE BIB

HARDWARE

HOLLOW METAL

HORIZONTAL

ELECTRIC WATER COOLER

FIRE EXTINGUISHER CABINET

DETAIL

EACH

DOOR

DRINKING FOUNTAIN

CERAMIC TILE

CENTER LINE

CEILING HEIGHT

CONTROL JOINT CLEAN OUT

BOTTOM OF FOOTING

CONSTRUCTION JOINT

CONCRETE MASONRY UNIT

ACCESS PANEL

APPROXIMATE

ACOUSTICAL CEILING TILE

ABOVE FINISHED FLOOR AIR CONDITIONING

### AUTHORITY HAVING JURISDICTION: MONTGOMERY COUNTY, MARYLAND

2018 INTERNATIONAL BUILDING CODE MARYLAND BUILDING REHABILITATION CODE - COMAR 09.12.58

2018 INTERNATIONAL EXISTING BUILDING CODE

2015 NFPA IOI LIFE SAFETY CODE 2015 NFPA I FIRE CODE

2017 NFPA 70 NATIONAL ELECTRICAL CODE

ACCESSIBILITY: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN MARYLAND ACCESSIBILITY CODE - COMAR 09.12.53

ASME AI8.1-2020 SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY LIFTS

### SQUARE FOOTAGE SUMMARY:

OVERALL EXISTING BUILDING: 90,085 GSF - FIRST FLOOR 68,925 GSF - SECOND FLOOR

AREA OF INTERIOR DEMOLITION: 24 SF

AREA OF ALTERATION: 24 SF TOTAL AREA PROPOSED BUILDING: 80,085 GSF - FIRST FLOOR

68,925 GSF - SECOND FLOOR 5,341 GSF - THIRD FLOOR

5,341 GSF - THIRD FLOOR 164,351 GSF - TOTAL ALL FLOORS

154,351 GSF - TOTAL ALL FLOORS

EV DATE DESCRIPTION

ISSUE

PROJECT NO.:

**COVER SHEET** 

### BUILDING DATA:

68,925 GSF - SECOND FLOOR 5,341 GSF - THIRD FLOOR 164,351 GSF - TOTAL ALL FLOORS AREA OF ALTERATION 24 SF AREA OF INTERIOR DEMOLITION BUILDING HEIGHT 3 STORIES

STATE RATED CAPACITY (SRC) 1,064 STUDENTS OCCUPANCY CLASSIFICATION **EDUCATIONAL** OCCUPANT LOAD

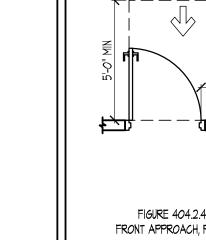
<u>EXISTING</u>

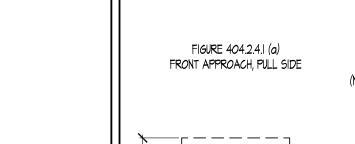
NO CHANGE TO EXISTING BUILDING SPRINKLERED NO CHANGE TO EXISTING BUILDING

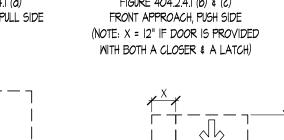
NO CHANGE TO EXISTING BUILDING

PROPOSED

90,085 GSF - FIRST FLOOR NO CHANGE TO EXISTING BUILDING







(NOTE: X = 12" IF DOOR IS PROVIDED WITH BOTH CLOSER & LATCH)

FIGURE 404.2.6 (b) DOORS & GATES IN A SERIES

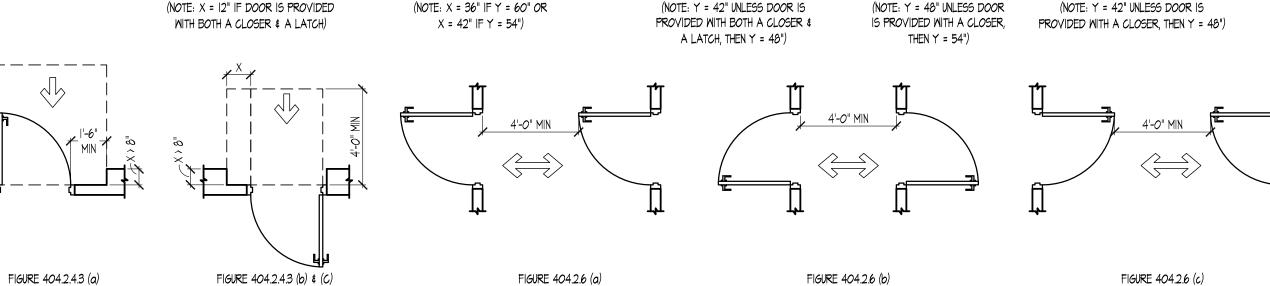
DOORS & GATES IN A SERIES

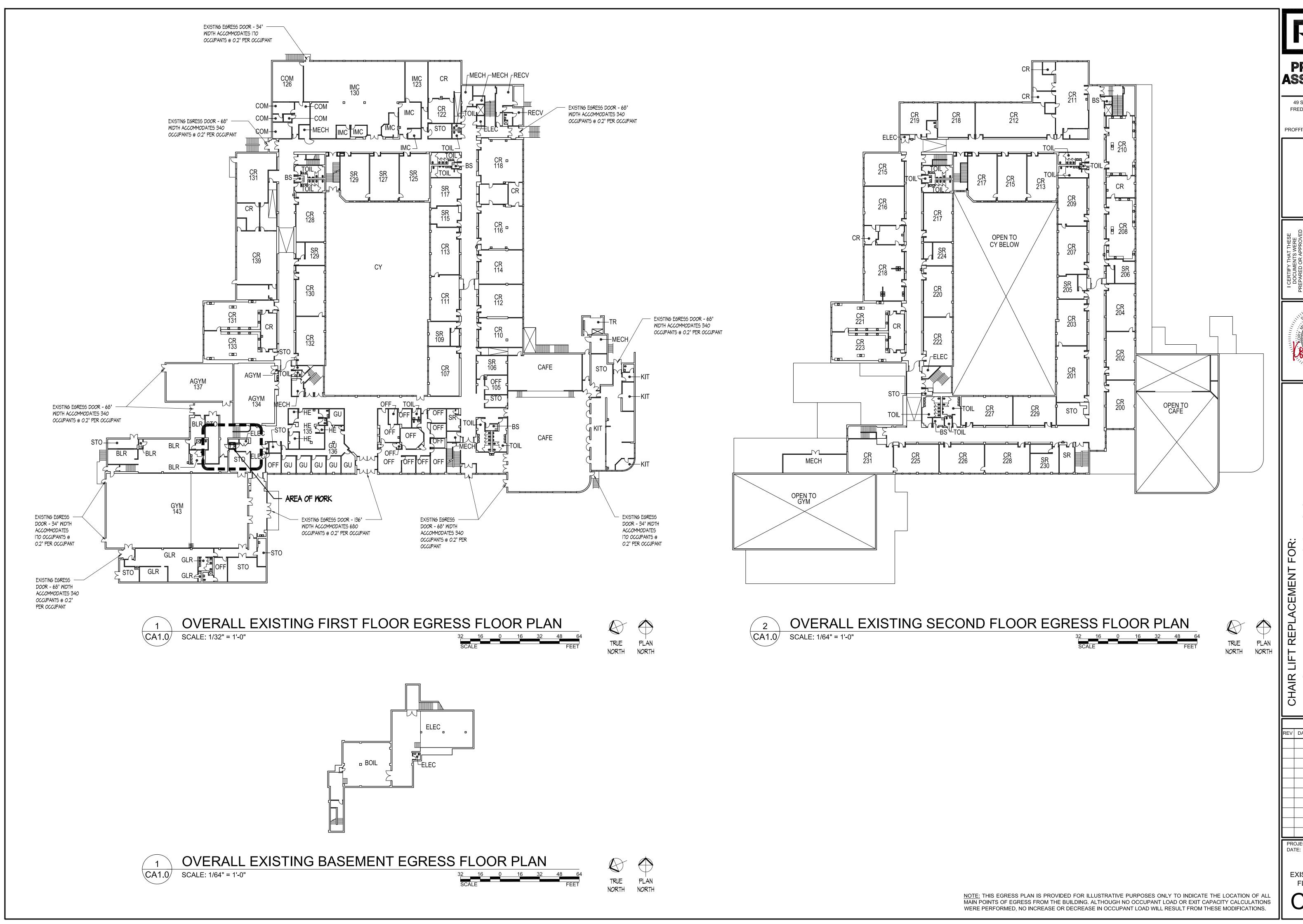
FIGURE 404.2.6 (c) DOORS & GATES IN A SERIES

FIGURE 404.2.4.1 (d) \$ (e) FIGURE 404.2.4.1 (f) \$ (q) FIGURE 404.2.4.1 (h) & (i) FIGURE 404.2.4.1 (j) & (k) HINGE APPROACH, PULL SIDE HINGE APPROACH, PUSH SIDE LATCH APPROACH, PULL SIDE LATCH APPROACH, PUSH SIDE (NOTE: X = 36" IF Y = 60" OR (NOTE: Y = 42" UNLESS DOOR IS (NOTE: Y = 48" UNLESS DOOR (NOTE: Y = 42" UNLESS DOOR IS PROVIDED WITH BOTH A CLOSER \$ IS PROVIDED WITH A CLOSER, X = 42" IF Y = 54") PROVIDED WITH A CLOSER, THEN Y = 48") A LATCH, THEN Y = 48") THEN Y = 54")

FIGURE 404.2.4.1 (b) & (c)

FIGURE 404.2.4.3 (b) \$ (C) FIGURE 404.2.6 (a) RECESSED DOOR, PUSH SIDE RECESSED DOOR, PULL SIDE





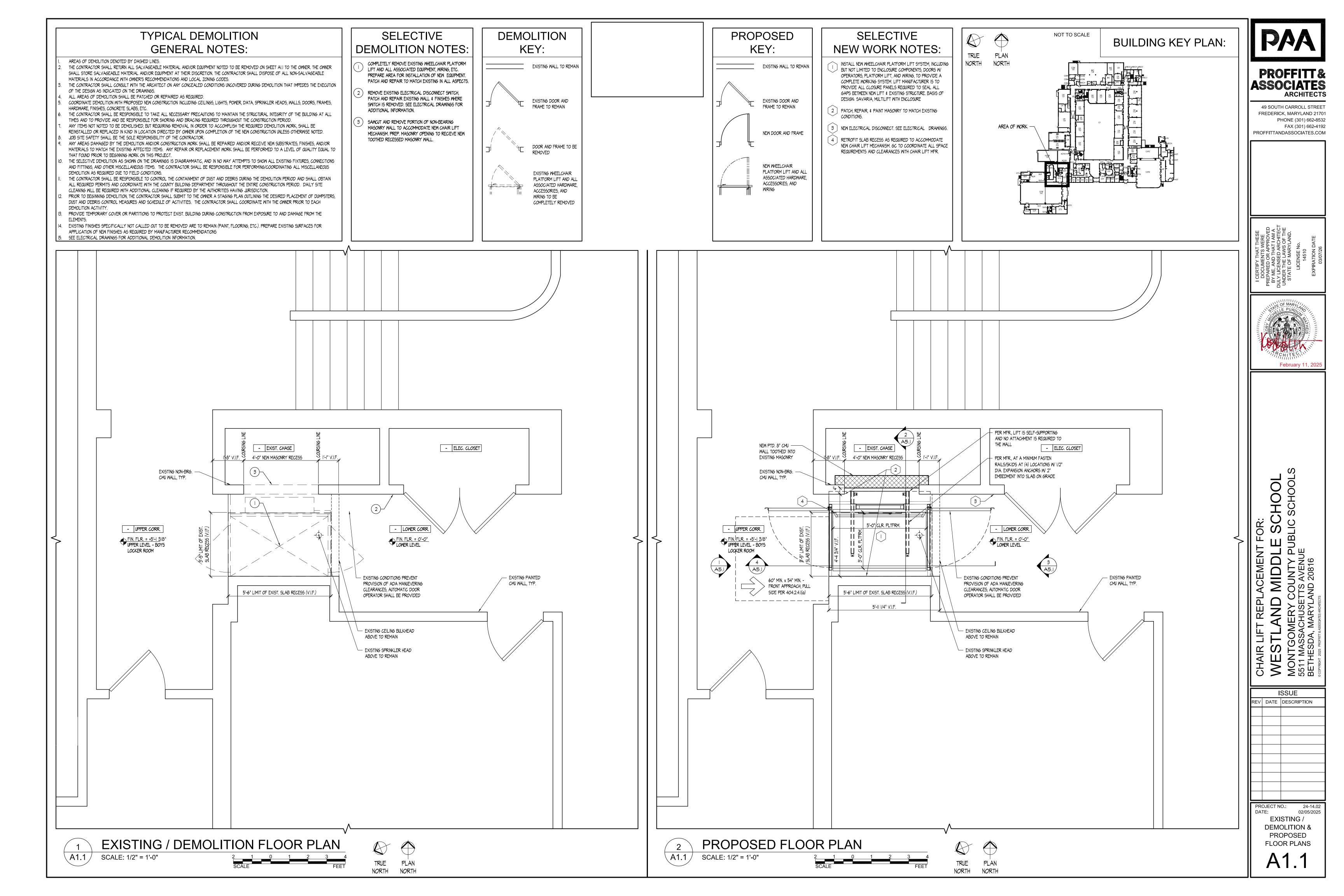
PROFFITT& **ASSOCIATES** 

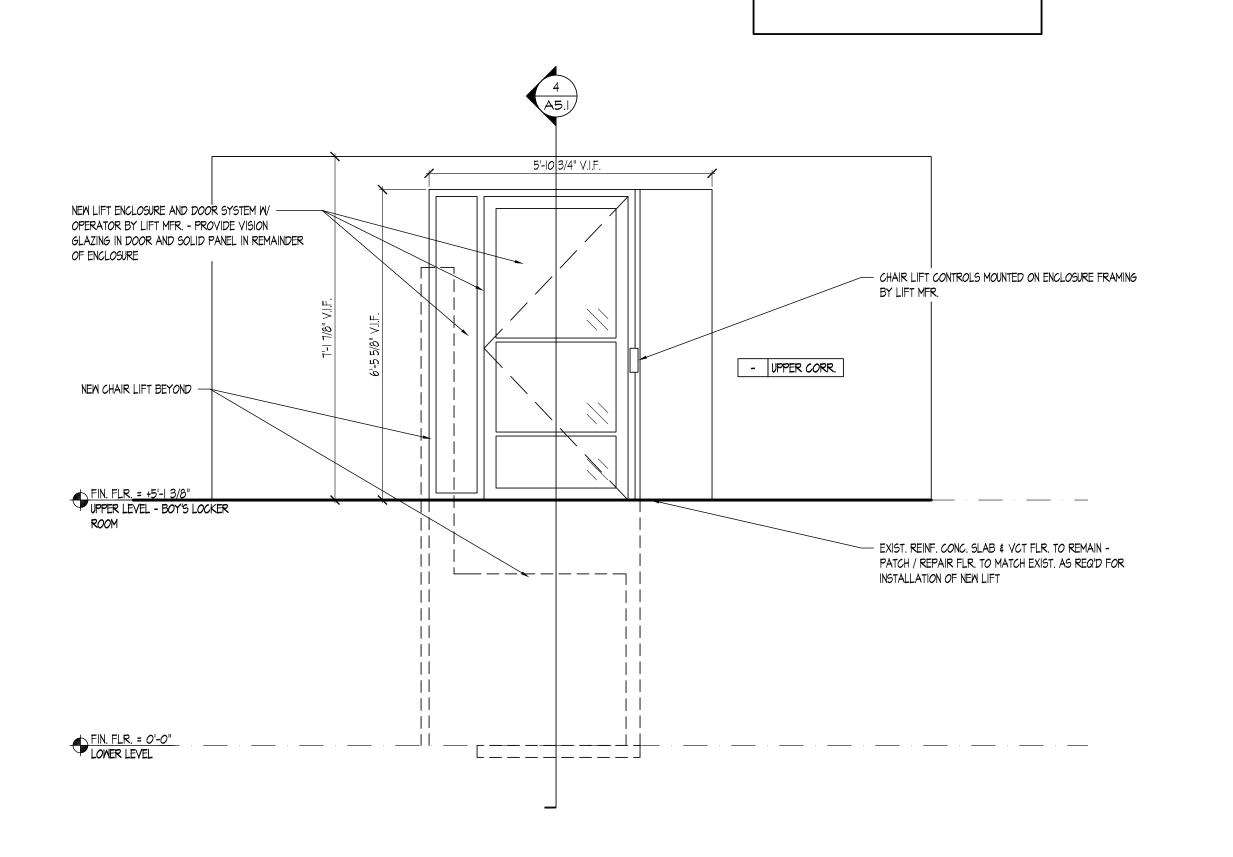
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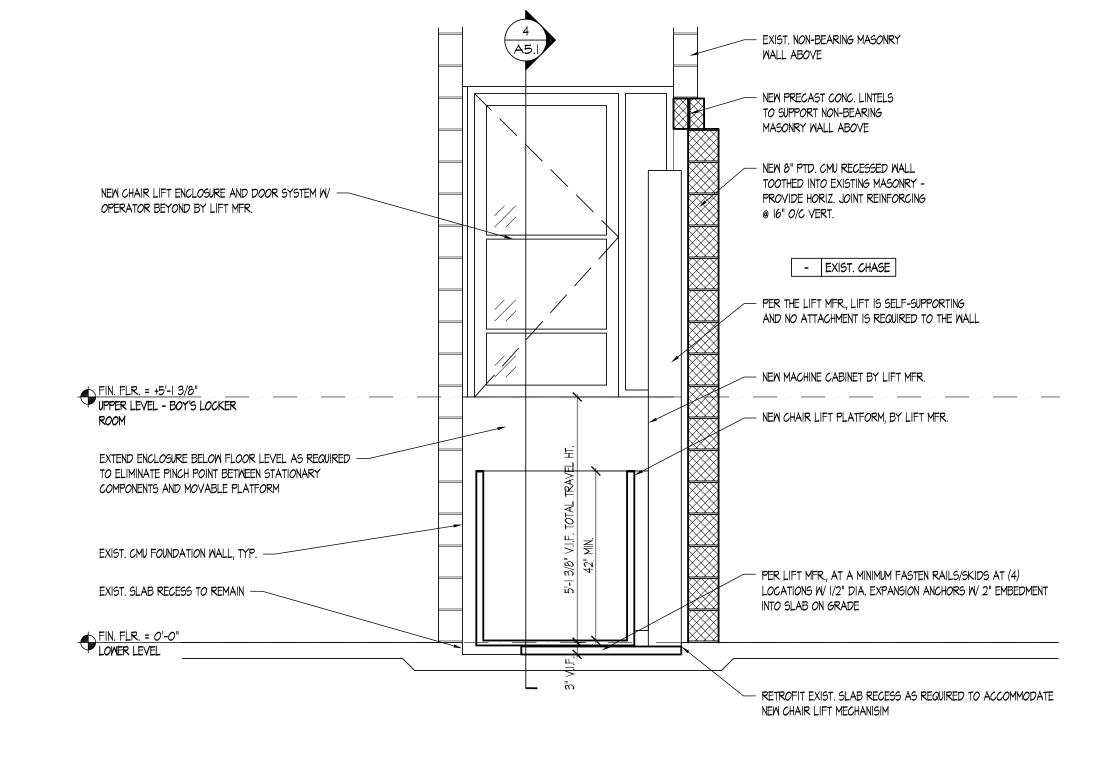
ISSUE REV DATE DESCRIPTION

PROJECT NO.: OVERALL

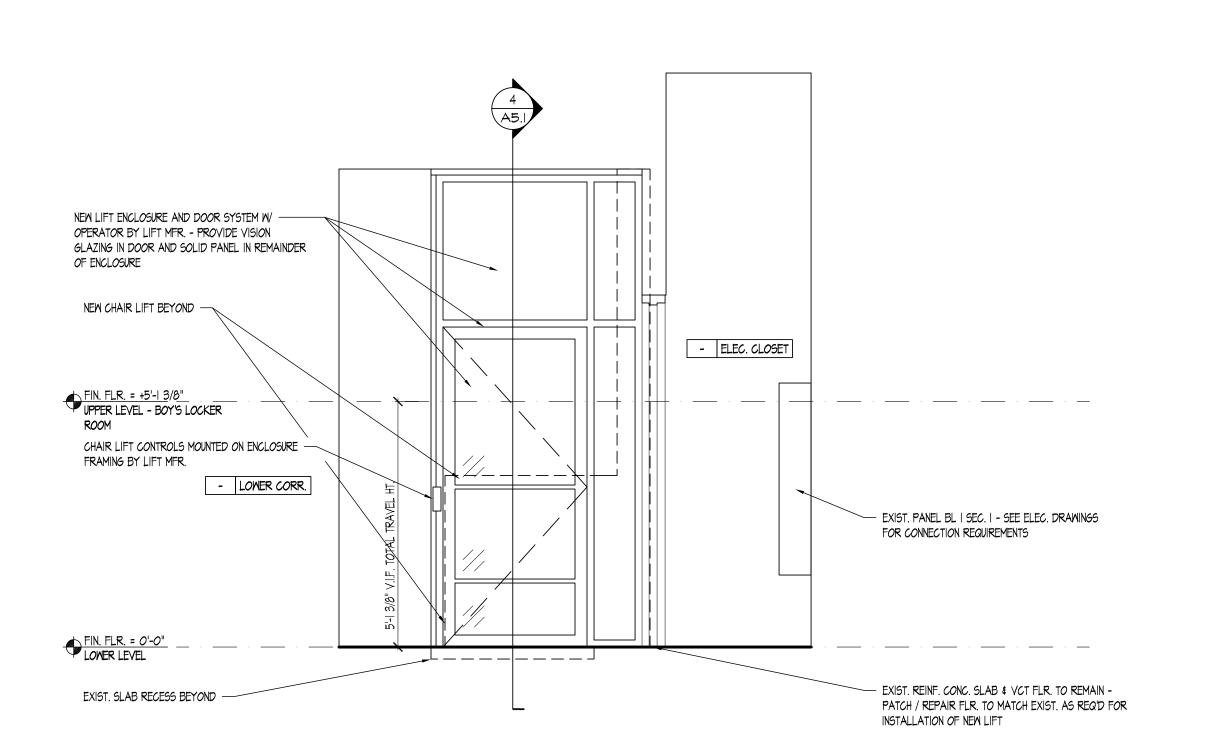
**EXISTING EGRESS** FLOOR PLANS



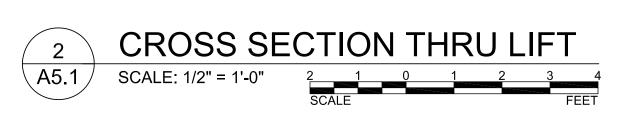


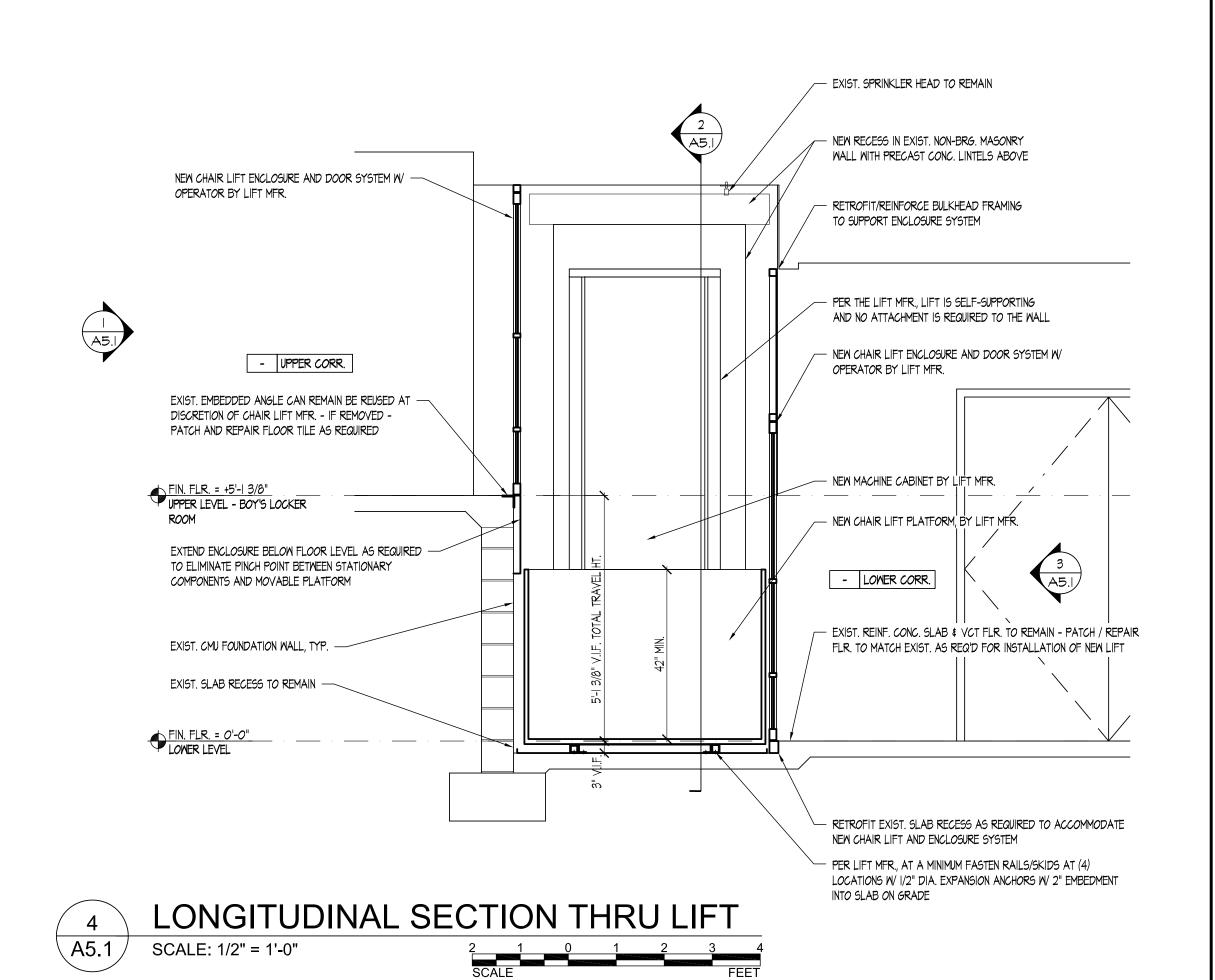








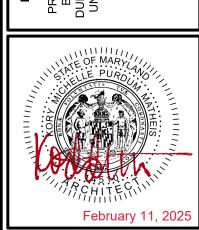






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D MIDDLE SCHOOLS

COUNTY PUBLIC SCHOOLS
SETTS AVENUE

LAND 20816 AND

ISSUE REV DATE DESCRIPTION PROJECT NO.: 24-14.02

INTERIOR ELEVATION AND SECTION

A5.1

# ELECTRICAL LEGEND: (MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE UON)

### **GENERAL NOTES:**

- 1. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE DRAWINGS OF ALL OTHER TRADES ON THE PROJECT. ELECTRICAL OR SYSTEMS CONNECTIONS INDICATED ON ARCHITECTURAL, MECHANICAL, CIVIL, STRUCTURAL, KITCHEN AND ALL OTHER DRAWINGS WHICH ARE PART OF THIS PROJECT, SHALL BE CONSIDERED A PART OF THIS CONTRACT AND SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR AT NO EXTRA COST TO THE OWNER.
- 2. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND AS SUCH SHALL NOT BE SCALED. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DEVICES AND EQUIPMENT AND DIMENSIONAL INFORMATION PRIOR TO ROUGH—IN. COORDINATE LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH—IN OF SERVICE EQUIPMENT AND WIRING.
- 3. COORDINATE MOUNTING HEIGHTS OF ALL DEVICES WITH ARCHITECTURAL PLANS, SECTIONS, AND ELEVATIONS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT ROUTING OF WIRING AND CONDUITS AND SHALL BE RESPONSIBLE FOR SIZING ALL BRANCH CIRCUIT WIRING TO LIMIT VOLTAGE DROP TO 3%. CONTRACTOR SHALL SIZE CONDUIT TO ACCOMMODATE WIRING PER NEC. WIRING AND CONDUIT SIZES INDICATED IN PANEL SCHEDULES ARE MINIMUM ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT WIRING AND CONDUIT SIZES. CONTRACTOR SHALL PROVIDE SPLICE BLOCKS AND REDUCING PINS AS REQUIRED TO TERMINATE WIRING AND MAKE FINAL CONNECTIONS.
- 5. ELECTRICAL BOXES IN FIRE RATED PARTITIONS SHALL NOT EXCEED 16 SQUARE INCHES IN AREA (IF 4"X4"), SHALL BE MADE OF STEEL, AND SHALL BE SUCH THAT THE CUMULATIVE AREA OF BOX "CUTOUTS" IN THE FIREWALL DOES NOT EXCEED 100 SQUARE INCHES PER 100 SQUARE FEET OF WALL AREA. ELECTRICAL BOXES ON OPPOSITE SIDES OF THE SAME FIREWALL SHALL BE SEPARATED BY A HORIZONTAL AND VERTICAL DISTANCE OF NOT LESS THAN 24 INCHES. THE ELECTRICAL CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS, AS NECESSARY, TO ELECTRICAL BOX LOCATIONS TO ENSURE COMPLIANCE WITH THIS REQUIREMENT SINCE BOX LOCATIONS ARE TYPICALLY NOT DIMENSIONED ON THE DRAWINGS. CONSULT ARCHITECT IF CLARIFICATION IS REQUIRED.

### **DEMOLITION NOTES:**

- 1. DEMOLITION DRAWINGS ARE DIAGRAMMATIC IN NATURE; NO ATTEMPT HAS BEEN MADE TO SHOW ALL EXISTING ELECTRICAL WORK IN AREAS INDICATED TO BE RENOVATED. ALL EXISTING ELECTRICAL WORK IS TO REMOVED UNLESS OTHERWISE NOTED. WHEN AN ITEM TO BE REMOVED, REMOVE ALL ASSOCIATED ELECTRICAL WORK BACK TO POINT—OF—SOURCE.
- 2. WHERE WORK PASSES THROUGH THE RENOVATION AREA TO SERVE OTHER PORTIONS OF THE BUILDING, OR WORK IN THE RENOVATION AREA INDICATED TO BE REMAIN, IT SHALL BE SUITABLY RELOCATED AND THE SYSTEMS RESTORED TO NORMAL. COORDINATE ANY OUTAGES WITH OWNER 7 DAYS IN ADVANCE.
- 3. WORK INDICATED TO REMAIN SHALL BE SUITABLY PROTECTED AGAINST DAMAGE.
- 4. WHEN A RECEPTACLE SHOWN TO BE DEMOLISHED INTERRUPTS AN ETR CIRCUIT, CONTRACTOR SHALL RE-ROUTE WIRING AS REQUIRED TO KEEP CIRCUIT IN USE.
- 5. DISPOSE OF ALL PCB CONTAINING FLUORESCENT AND HID BALLASTS IN ACCORDANCE WITH EPA, DOT, STATE AND LOCAL REGULATIONS. IF THE PCP CONTENT IS NOT STATED ON THE BALLAST LABEL, THE BALLAST LABEL SHALL BE HANDLED AS A PCB BALLAST. DISPOSE OF ALL FLUORESCENT, INCANDESCENT AND HID LAMPS IN ACCORDANCE WITH EPA, DOT, STATE AND LOCAL REGULATIONS.
- 6. TURN OVER ALL CIRCUIT BREAKERS, LIGHTING AND APPLIANCE PANELBOARD COVERS, CONTACTORS, MOTOR STARTERS, TIME CLOCKS, BATTERY PACKS, CLOCKS, SPEAKERS, ETC THAT ARE IN GOOD CONDITION TO OWNER. CONTACT OWNER FOR VERIFICATION IF ITEMS ARE IN QUESTIONABLE CONDITION.
- 7. COORDINATE ALL DEMOLITION AND CONSTRUCTION ACTIVITIES WITH THE OWNER TO MINIMIZE DISRUPTION OF THE NORMAL DAILY FUNCTIONING OF THE OWNERS OCCUPIED AREAS.
- 8. REMOVE AND REINSTALL ALL EXISTING CEILING MOUNTED DEVICES INDICATED TO REMAIN AS REQUIRED TO SUIT NEW CEILING INSTALLATION.
- 9. REFER TO ARCHITECTURAL FLOOR PLANS FOR EXISTING WALLS. ALL NEW DEVICES LOCATED ON EXISTING WALLS SHALL BE FISHED TO BE INSTALLED CONCEALED AND FLUSH TO THE WALL; IF FISHING CANNOT OCCUR PROVIDE APPROPRIATE SERIES WIREMOLD TO SURFACE MOUNT DEVICES.
- 10. ALL REMOVED DEVICE WALL PENETRATIONS SHALL BE PATCHED AND PAINTED TO MATCH EXISTING WALL COLOR OR WALL COLOR PER ARCHITECT'S DIRECTION.

### <u>LIGHTING</u>

2'X4' AND 1'X4' FLUORESCENT LIGHTING FIXTURE; UPPER CASE LETTER INDICATES FIXTURE TYPE; LOWER CASE LETTER INDICATES SWITCH

FLUORESCENT STRIP LIGHTING FIXTURE; TYPE AS NOTED

O LIGHTING FIXTURE; WALL MOUNTED, CEILING MOUNTED; TYPE AS

INDICATES LIGHTING FIXTURE ON EMERGENCY CIRCUIT.

NOTED

EXIT SIGN; CEILING MOUNTED, WALL MOUNTED 6" ABOVE DOOR; SHADING INDICATED ILLUMINATED FACE, DIRECTIONAL ARROWS AS INDICATED

### **POWER**

PANELBOARD; RECESSED, SURFACE MOUNTED; MOUNT AT 6'-6'' AFF TO TOP OF PANEL.

SAFETY DISCONNECT SWITCH; FUSED, NONFUSED IN NEMA 1 ENCLOSURE UON; MOUNT AT 48" AFF UON; RATING AND FUSING AS NOTED

JUNCTION BOX; CEILING, WALL MOUNTED

### **CONDUIT**

HOMERUN TO PANELBOARD; REFER TO PANEL SCHEDULES FOR MINIMUM WIRE AND CONDUIT SIZES

BRANCH CIRCUIT CONDUIT AND WIRING CONCEALED IN CEILING OR WALL SPACE, OR SURFACE MOUNTED WHERE NO CEILING OR WALL SPACE EXISTS; REFER TO PANEL SCHEDULES FOR MINIMUM WIRE AND CONDUIT SIZES

BRANCH CIRCUIT CONDUIT AND WIRING IN SLAB, UNDER FLOOR OR UNDERGROUND; REFER TO PANEL SCHEDULES FOR MINIMUM WIRE AND CONDUIT SIZES

### FIRE ALARM

-**E**- CC

COMBINATION FIRE ALARM SPEAKER/STROBE LIGHT;
CANDELA RATING AS INDICATED WALL MOUNTED 6'-8" AFF TO BOTTOM OR
12" BELOW CEILING, WHICHEVER IS LOWER

### **MISCELLANEOUS**

(1)

0

0

REFERENCE TO DRAWING NOTE

DETAIL REFERENCE: DETAIL NUMBER/DRAWING NUMBER

[ ] ITEMS SHOWN DASHED/HEAVY ARE TO BE REMOVED

ITEMS SHOWN SOLID/LIGHT ARE EXISTING TO REMAIN

ITEMS SHOWN DASHED-DOTTED/LIGHT ARE TO OCCUR IN FUTURE PHASES

### **ABBREVIATIONS:**

KW KILOWATT

LRA LOCKED ROTOR AMPERES

MCB MAIN CIRCUIT BREAKER

MCA MINIMUM CIRCUIT AMPERES

Α	AMPERE, AMPERES ABOVE FINISHED FLOOR AIR HANDLING UNIT AMPERE INTERRUPTING CAPACITY	MDF	MAIN DISTRIBUTION FRAME
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUGS ONLY
AHU	AIR HANDLING UNIT	MPOP	MAIN POINT OF PRESENCE
AIC	AMPERE INTERRUPTING CAPACITY	MSB	MAIN SWITCHBOARD
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNTED
AWG	AMERICAN WIRE GAUGE	MH	MOUNTING HEIGHT/MANHOLE
CATV	CABLE TELEVISION	NEC	NATIONAL ELECTRIĆAL CODE
CCTV	AIR HANDLING UNIT AMPERE INTERRUPTING CAPACITY AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE CABLE TELEVISION CLOSED CIRCUIT TELEVISION	NEMA	NATIONAL ELECTRICAL
C	CONDUIT		MANUFACTURER'S ASSOCIATION
CB	CIRCUIT BREAKER		NONFUSED SAFETY SWITCH
DWG	DRAWING	NO	NUMBER
ECB	FNCLOSED CIRCUIT BREAKER	OC	ON CENTERS
EF	EXHAUST FAN	Р	POLE, POLES
EPO	FMFRGENCY POWER OFF	Ø	PHASE
ETR	ENCLOSED CIRCUIT BREAKER EXHAUST FAN EMERGENCY POWER OFF EXISTING TO REMAIN ELECTRIC WATER COOLER	PNL	PANEL
EWC	ELECTRIC WATER COOLER	PVC	POLYVINYL CHLORIDE
EX	EXISTING	RAF	RETURN AIR FAN
FAAP	FIRE ALARM ANNUNCIATOR PANEL	RGS	RETURN AIR FAN RIGID GALVANIZED STEEL REMOVE EXISTING TYPICAL TRANSIENT VOLTAGE SURGE SUPPRESSOR UNIT HEATER
FACP	FIRE ALARM CONTROL PANEL	RX	REMOVE EXISTING
FLA	FULL LOAD AMPERES	TYP	TYPICAL
FSS	FUSED SAFETY SWITCH	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
G	GROUND	UH	UNIT HEATER
GFEP	GROUND FAULT EQUIPMENT PROTECTION	V	VOLI, VOLIS
GFI	GROUND FAULT INTERRUPTING	VK	VANDALL RESISTANT
HOA	HAND-OFF-AUTOMATIC	WP	WEATHERPROOF
HP	HORSEPOWER	W	WATTS, WIRES
HWH	HOT WATER HEATER GENERATOR	XFMR	TRANSFORMER
IDF	HAND-OFF-AUTOMATIC HORSEPOWER HOT WATER HEATER GENERATOR INTERMEDIATE DISTRIBUTION FRAME INTERMEDIATE METAL CONDUIT THOUSAND CIRCULAR MILS	IIB	TELEPHONE TERMINAL BOARD
IMC	INTERMEDIATE METAL CONDUIT	UIP	UNSHIELDED IWISTED PAIK
KCMIL	THOUSAND CIRCULAR MILS	UUN	UNLESS CIHERWISE NOTED
KVA	KILOVOLT-AMPERES		
	1411 61114 ==		

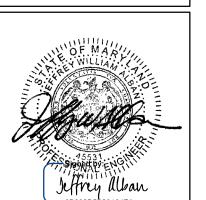
PAA

PROFFITT & ASSOCIATES ARCHITECTS

49 SOUTH CARROLL STREET FREDERICK, MARYLAND 21701 PHONE (301) 662-8532 FAX (301) 662-4192 PROFFITTANDASSOCIATES.COM

DUCUMENTS WERE
PREPARED OR APPROVED
BY ME, AND THAT I AM A
BULY LICENSED ARCHITECT
UNDER THE LAWS OF THE
STATE OF MARYLAND.
LICENSE No.
45531

EXPIRATION DATE



Jeffry Alban
6800285828164FA

F REPLACEMENT FOR:

AND MIDDLE SCHOOLS

MERY COUNTY PUBLIC SCHOOLS

SHUSETTS AVENUE

MARYLAND 20816

LIFT

ISSUE				
REV	DATE	DESCRIPTION		
	·			

DATE: 02/05/2025

ELECTRICAL LEGEND,
ABBREVIATIONS, &

CONVENTIONS

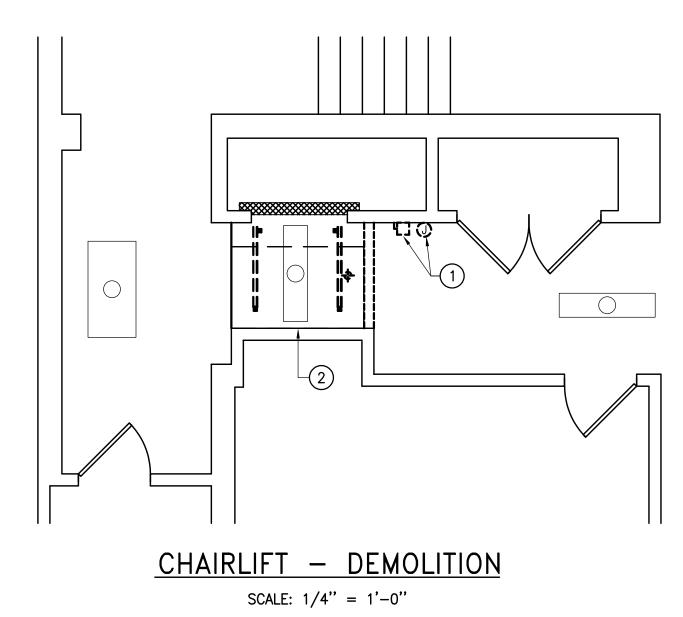
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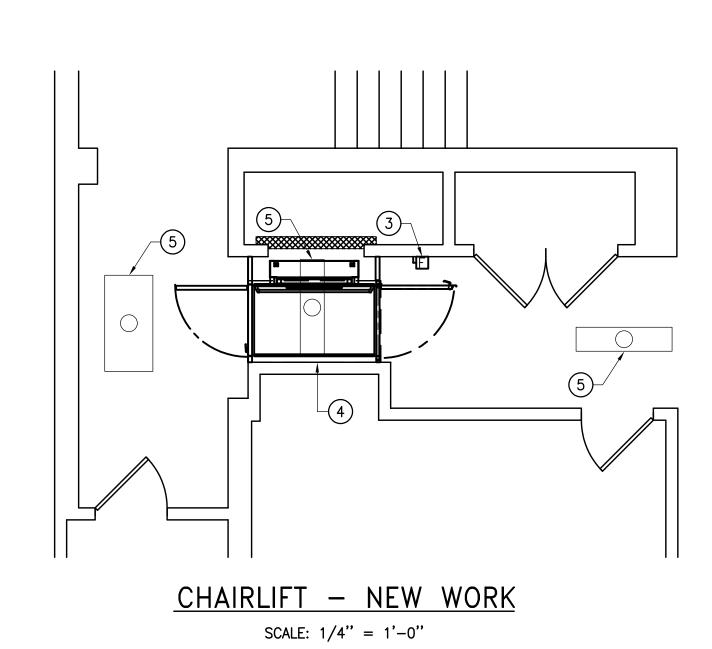
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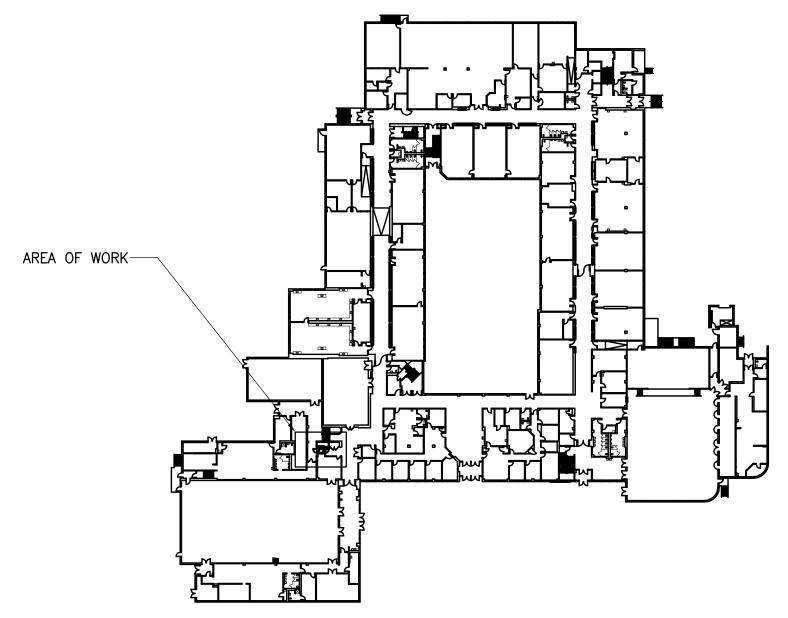
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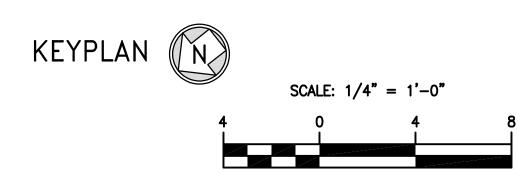
## **DRAWING NOTES:**

- 1 REMOVE EXISTING LIFT CONTROLS AND DISCONNECT.
  MAINTAIN/EXTEND/MODIFY CIRCUIT AS REQUIRED FOR RECONNECTION OF NEW CHAIR LIFT.
- REMOVE ALL ELECTRICAL APPURTENANCES ASSOCIATED WITH DEMOLISHED LIFT UON. MAINTAIN CIRCUIT FOR RECONNECTION TO NEW LIFT DISCONNECT.
- PROVIDE 2P-30A-F/SS (FUSED PER MANUFACTURER'S NAMEPLATE DATA)
  IN NEMA 1 ENCLOSURE WITH AUXILIARY CONTACTS. MOUNT AT WALL AND
  CONNECT TO CIRCUIT MAINTAINED DURING DEMOLITION AND MAKE ALL
  CONNECTIONS. PROVIDE (2)#18AWG CONDUCTORS BETWEEN CONTACTS
  AND CONTROLLER.
- NEW CHAIR LIFT. MAKE CONNECTION TO NEW DISCONNECT. MAKE ALL INNER CONNECTIONS AS REQUIRED. LOCATE NEW LIFT CALL CONTROLS WITH MANUFACTURER'S RECOMMENDATIONS.
- 5 CONNECT TO NEAREST EMERGENCY LIGHTING CIRCUIT WITH (2)#12+#12GW-3/4"C.







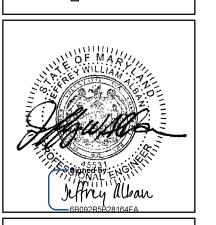


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3Y ME, AND THAT I AM A
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NDER THE LAWS OF THE
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LICENSE No.
45531
EXPIRATION DATE
06/03/26



HOOLS

STLAND MIDDLE SCHOC GOMERY COUNTY PUBLIC SCHOCASSACHUSETTS AVENUE

ISSUE
REV DATE DESCRIPTION

PROJECT NO.: 24-14.02 DATE: 02/05/2025

DEMOLITION & PROPOSED FLOOR PLANS

E1.1