PROJECT INFORMATION

CHAIRLIFT REPLACEMENT FOR: JULIUS WEST MIDDLE SCHOOL

MONTGOMERY COUNTY PUBLIC SCHOOLS 651 GREAT FALLS ROAD ROCKVILLE, MARYLAND 20850



- MONTGOMERY COUNTY PUBLIC SCHOOLS DIVISION OF DESIGN AND CONSTRUCTION 45 WEST GUDE DRIVE, SUITE 4300
- ROCKVILLE, MD 20850 TEL.: (240)-314-1000

CONTACT LIST

OWNER:

FAX: (301)-279-3003 ARCHITECT:

PROFFITT & ASSOCIATES ARCHITECTS, PC

- 49 SOUTH CARROLL STREET FREDERICK, MD 21701
- TEL.: (301)-662-8532 FAX: (301)-662-4192

MECH. / ELEC. ENGINEER:

- ALBAN ENGINEERING, INC.
- 303 INTERNATIONAL CIR #450
- HUNT VALLEY, MD 21030
- 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
- 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

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

- 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.
- REFINISHED TO MATCH SURROUNDING AREA OR FINISHED AS INDICATED.

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

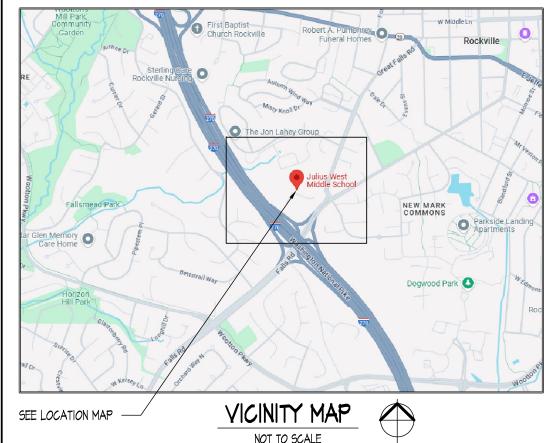
REPAIRED AND NEW AREAS OF WALLS OR CEILINGS SHALL BLEND AND FEATHER INTO

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 PROVIDE SEALANT AROUND LOUVERS, DOOR JAMBS AND HEADS, AND
- BYSTEM 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
- DIMENSIONS, NOTES, FINISHES AND FIXTURES SHOWN ON TYPICAL PLANS, SECTIONS OR DETAILS
- 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
- AND PROTECT DUCTWORK DURING CONSTRUCTION WITH TEMPORARY FILTER ON RETURN DUCTWORK

- CONTRACTOR SHALL SUPPLY ALL NECESSARY ANCHORS, TIES, CLIPS, HANGERS, BOLTS, AND OTHER FASTENING DEVICES AS REQUIRED BY CODE AND GOOD PRACTICE.
- CONSTRUCTION AND FABRICATION OF MATERIALS AND NOTIFY ARCHITECT OF ANY DISCREPANCIE
- 24. THE CONTRACTOR SHALL, UPON COMPLETION OF THE WORK, CLEAN THE SPACE, INCLUDING BUT NOT
- 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

ACOUSTIC

ACOUS.

LEGEND

3042 ROOM NAME

FINISHED WOOD

ROUGH WOOD

GYPSUM BOARD

RIGID INSULATION

MINDOW OPENING

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

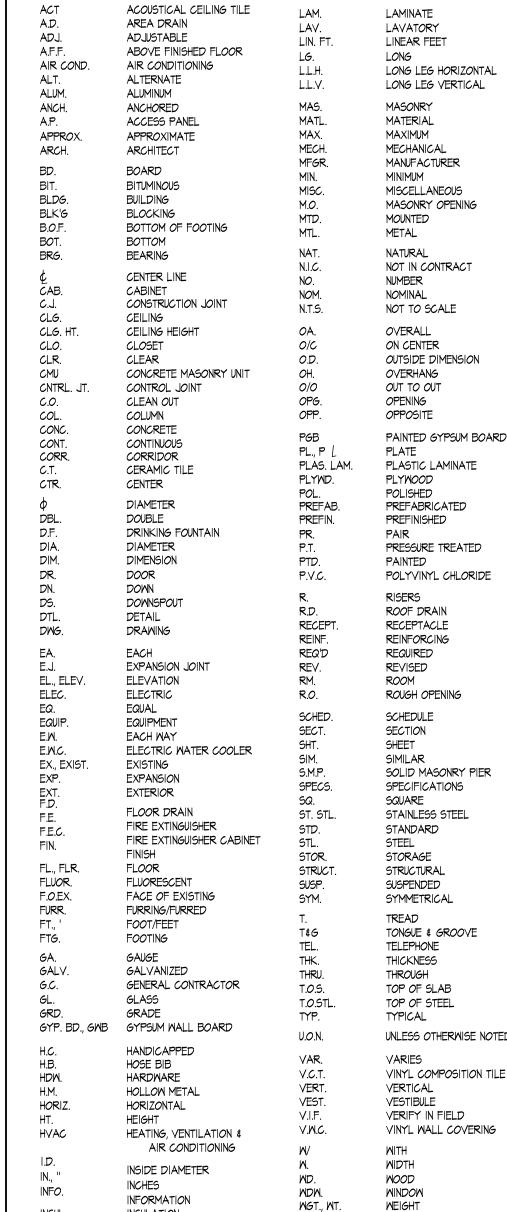
SEA LEVEL)

----ELEVATION INDICATOR

-DIRECTION OF VIEW

DIRECTION OF VIEW

SECTION NUMBER

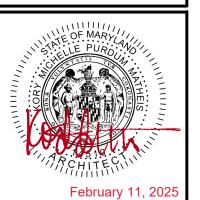


INSULATION

PROFFITT&

JOINT

49 SOUTH CARROLL STREET FREDERICK, MARYLAND 21701 PROFFITTANDASSOCIATES.COM



O δ

MITHOUT

WEATHERPROOF

WELDED WIRE FABRIC

PROPOSED

NO CHANGE TO EXISTING BUILDING

AO.I COVER SHEET

ARCHITECTURAL DRAWINGS

DRAWINGS LIST

- CAI.O OVERALL EXISTING EGRESS FLOOR PLANS
- ALL EXISTING / DEMOLITION & PROPOSED FLOOR PLANS A5.I INTERIOR ELEVATION AND SECTION

ELECTRICAL DRAWINGS

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 - THE PROJECT INCLUDES REMOVAL OF EXISTING CHAIRLIFT ASSEMBLY AND ALL RELATED COMPONENTS. SAWCUTTING AND REMOVAL 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 WITH CONTROLS AND ACCESSORIES.

FINISHES & TRIM - THE PROJECT REQUIRES PATCHING & REPAIR OF EXISTING FINISHES DISTURBED BY THE WORK. ALL FINISH REPAIRS SHALL MATCH EXISTING ADJACENT MATERIALS, COLORS, & PATTERNS. PROVIDE BRAKE METAL TRIM TO CONCEAL VOIDS AND GAPS BETWEEN CHAIRLIFT AND ADJACENT CONSTRUCTION. ELECTRICAL - THE PROJECT INCLUDES WORK AS REQUIRED FOR CONNECTION OF THE NEW CHAIRLIFT SYSTEM.

DESIGN CODES:

AUTHORITY HAVING JURISDICTION: CITY OF ROCKVILLE, MARYLAND

2021 INTERNATIONAL BUILDING CODE MARYLAND BUILDING REHABILITATION CODE - COMAR 09.12.58

2021 INTERNATIONAL EXISTING BUILDING CODE

2018 NFPA IOI LIFE SAFETY CODE

2018 NFPA I FIRE CODE

2023 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 CHAIRLIFTS

SQUARE FOOTAGE SUMMARY:

105,271 GSF - MAIN LEVEL OVERALL EXISTING BUILDING: 55,997 GSF - UPPER LEVEL 25,458 GSF - LOWER LEVEL 186,726 GSF - TOTAL ALL LEVELS

AREA OF INTERIOR DEMOLITION:

AREA OF ALTERATION: 96 SF TOTAL AREA PROPOSED BUILDING:

105,271 GSF - MAIN LEVEL 55,997 GSF - UPPER LEVEL 25,458 GSF - LOWER LEVEL 186,726 GSF - TOTAL ALL LEVELS

ISSUE EV DATE DESCRIPTION

PROJECT NO.:

JUL MON 651 GF

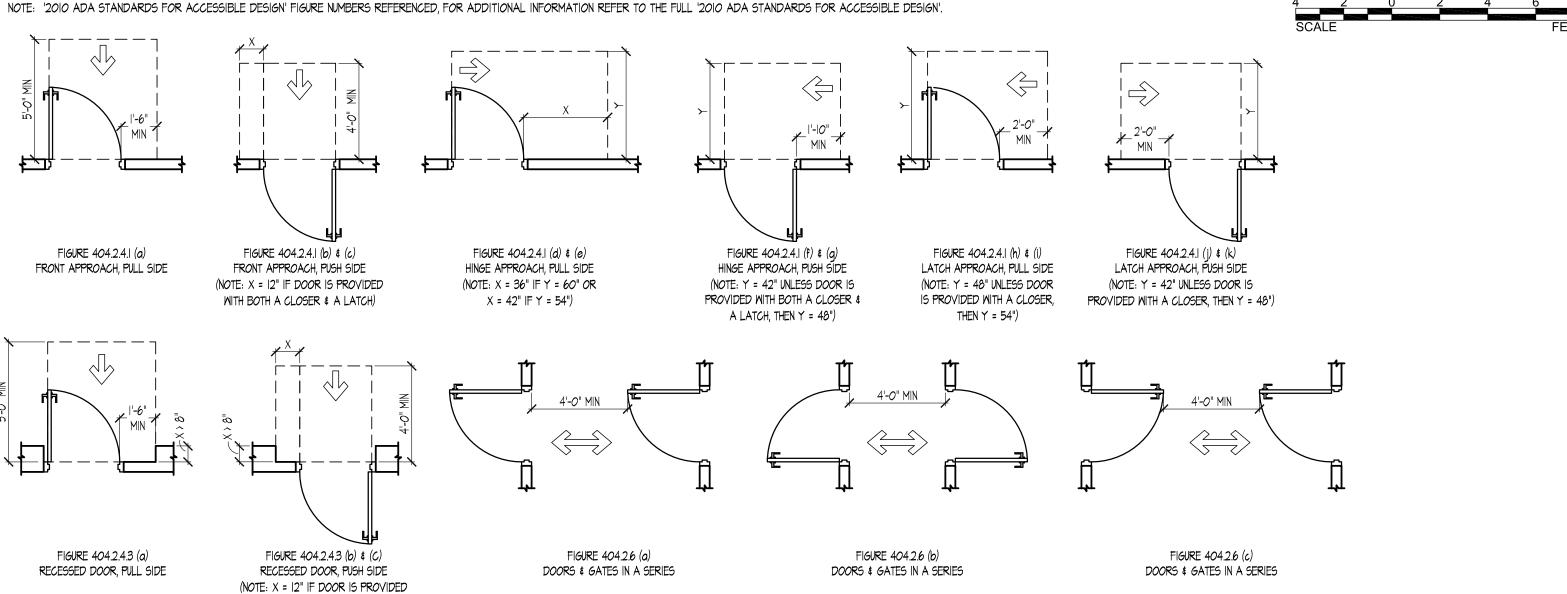
COVER SHEET

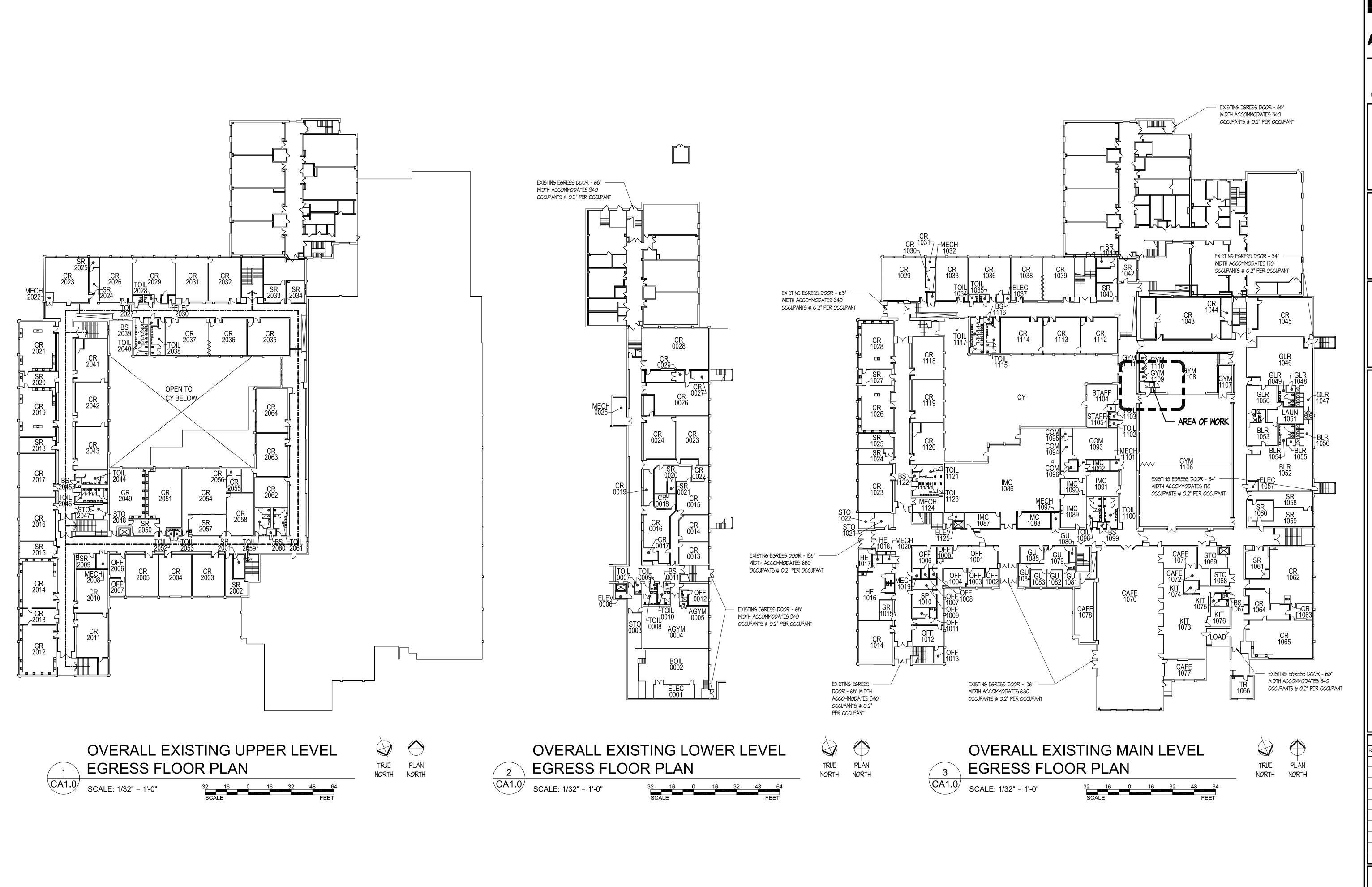
BUILDING DATA:

BUILDING AREA	105,271 GSF - MAIN LEVEL 55,497 GSF - UPPER LEVEL 25,458 GSF - LOWER LEVEL 186,726 GSF - TOTAL ALL LE	NO CHANGE TO EXISTING BUILDING
AREA OF ALTERATION	-	96 SF
AREA OF INTERIOR DEMOLITION	96 SF	-
BUILDING HEIGHT	3 STORIES	NO CHANGE TO EXISTING BUILDING
STATE RATED CAPACITY (SRC)	1,432 STUDENTS	NO CHANGE TO EXISTING BUILDING
OCCUPANCY CLASSIFICATION	EDUCATIONAL	NO CHANGE TO EXISTING BUILDING
OCCUPANT LOAD	-	NO CHANGE TO EXISTING BUILDING
SPRINKLER	SPRINKLERED	NO CHANGE TO EXISTING BUILDING

ADA MANEUVERING CLEARANCES AT DOORS

WITH BOTH CLOSER & LATCH)





PAA

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I CERTIFY THAT THESE
DOCUMENTS WERE
REPARED OR APPROVED
BY ME, AND THAT I AM A
JLY LICENSED ARCHITECT
INDER THE LAWS OF THE
STATE OF MARYLAND.
LICENSE NO.
14510
EXPIRATION DATE
03/07/26



February 11,

HAIR LIFT REPLACEMENT FOR:

ULIUS WEST MIDDLE SCHOOLS

IONTGOMERY COUNTY PUBLIC SCHOOLS

51 GREAT FALLS ROAD

ISSUE
REV DATE DESCRIPTION

PROJECT NO.: 24-14.01

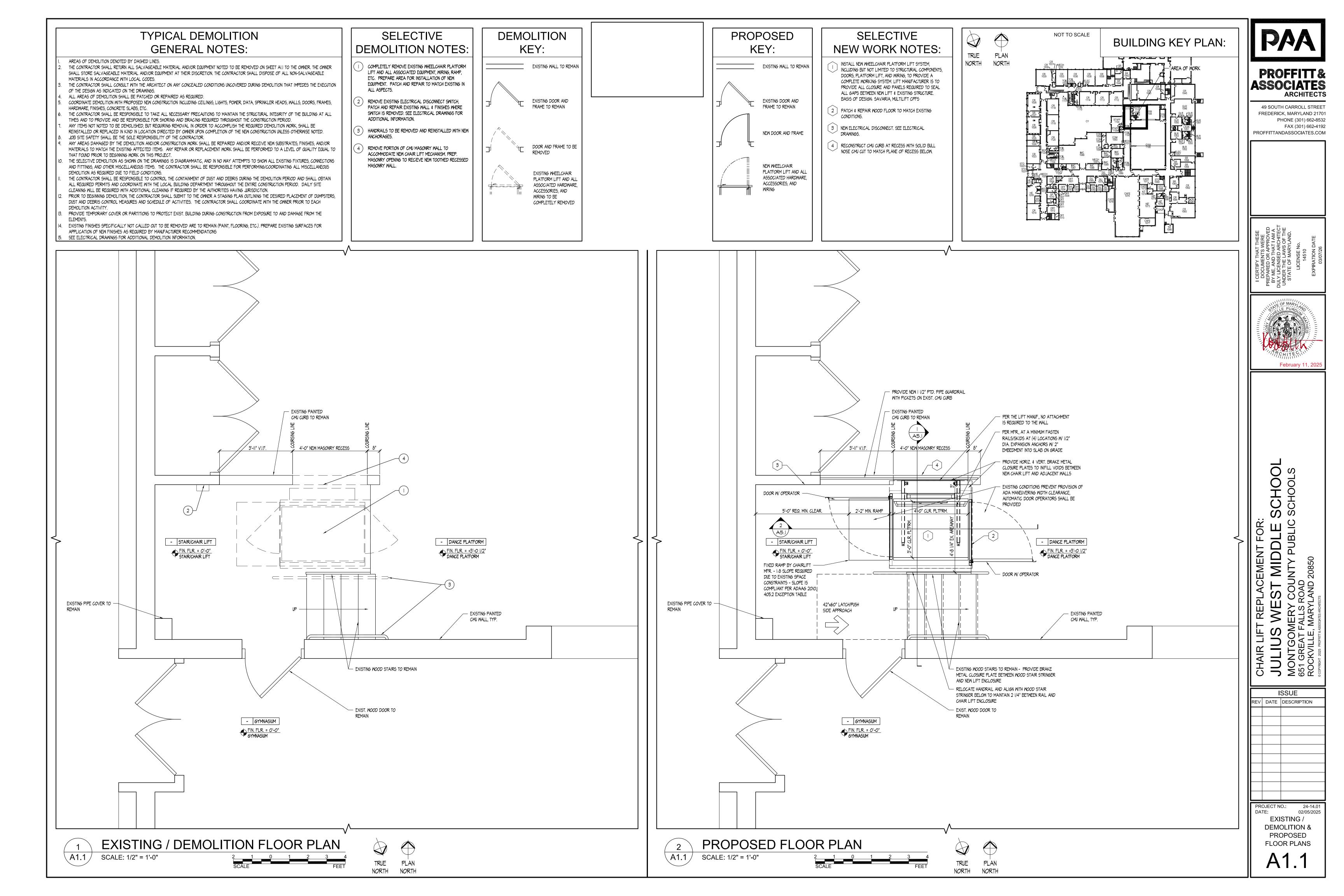
PROJECT NO.: 24-14.01
DATE: 02/05/2025

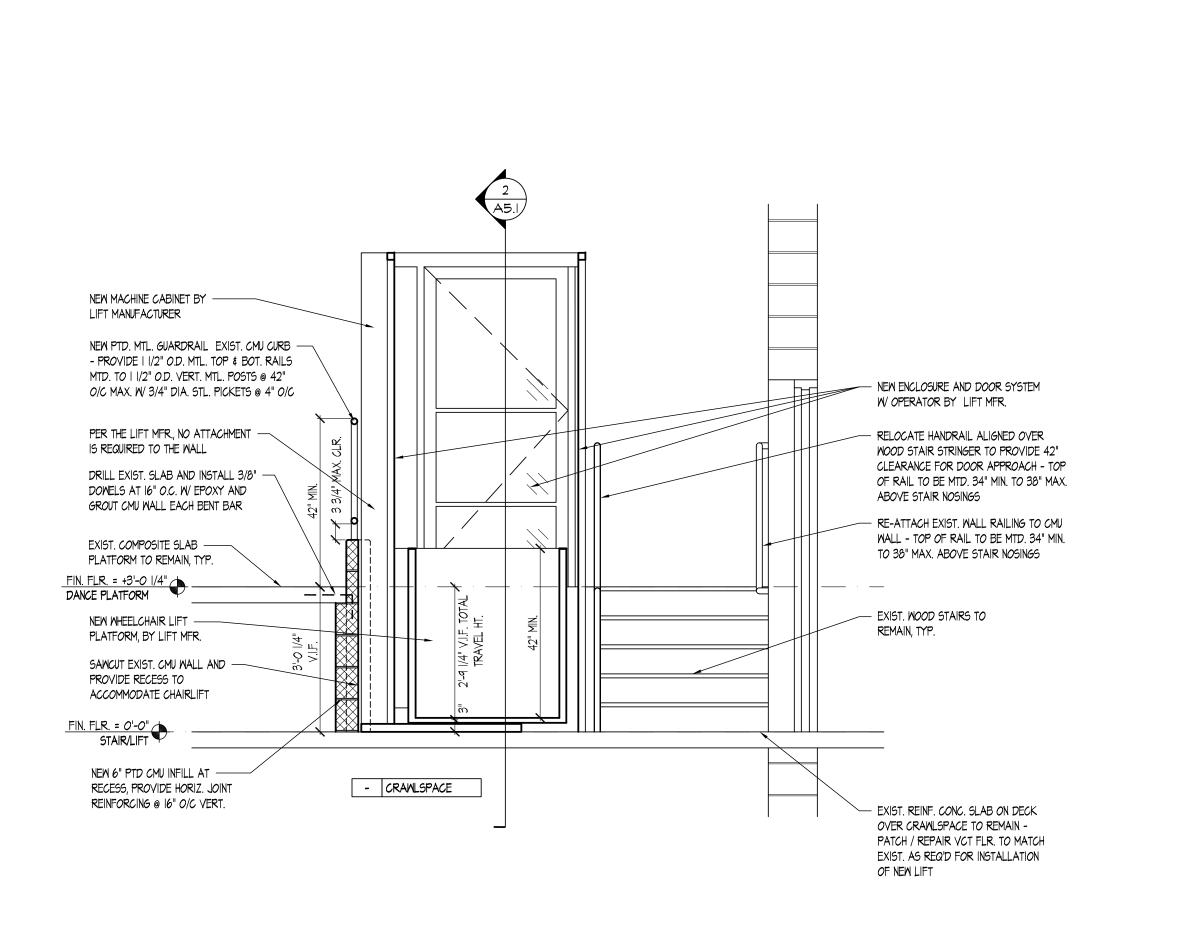
OVERALL
EXISTING EGRESS

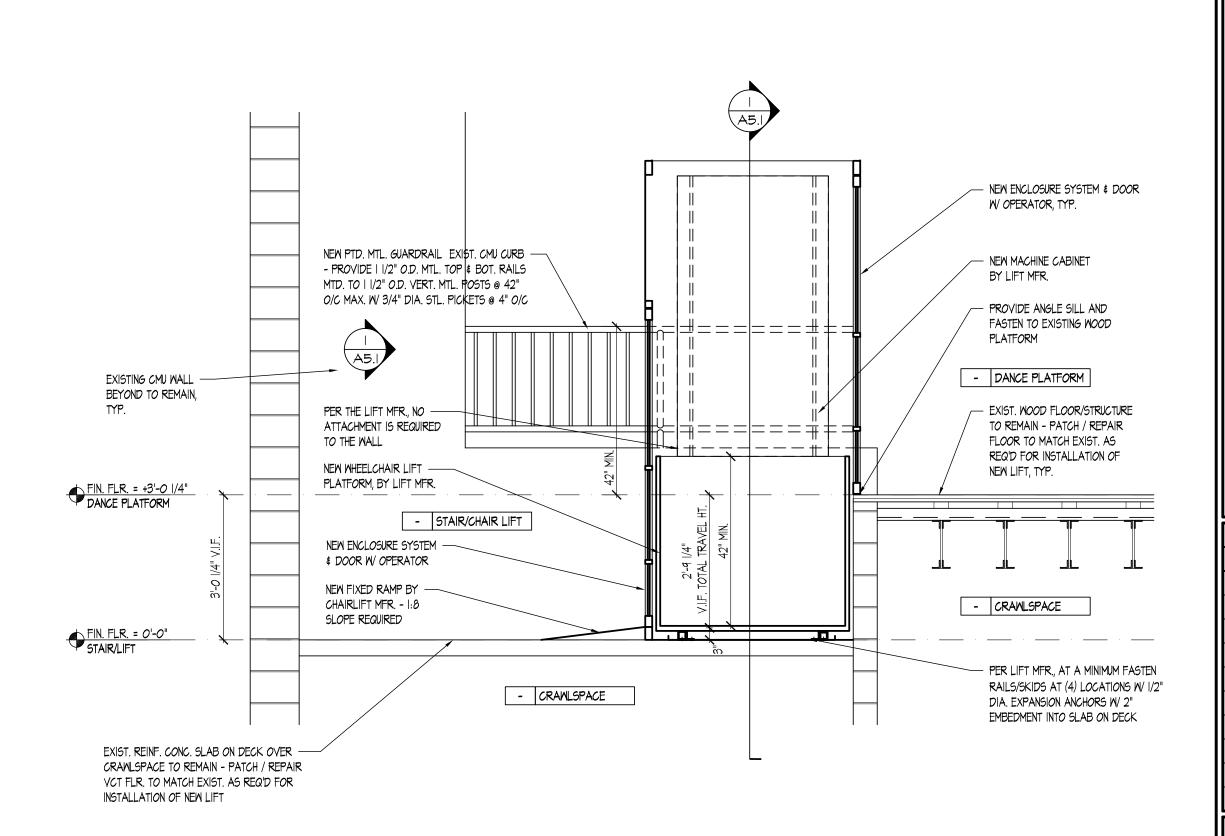
FLOOR PLANS

CA1.0

NOTE: THIS EGRESS PLAN IS PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY TO INDICATE THE LOCATION OF ALL MAIN POINTS OF EGRESS FROM THE BUILDING. ALTHOUGH NO OCCUPANT LOAD OR EXIT CAPACITY CALCULATIONS WERE PERFORMED, NO INCREASE OR DECREASE IN OCCUPANT LOAD WILL RESULT FROM THESE MODIFICATIONS.





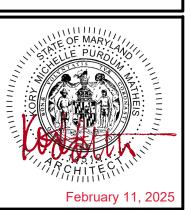


CROSS SECTION THRU LIFT A5.1 SCALE: 1/2" = 1'-0"

LONGITUDINAL SECTION THRU LIFT A5.1 SCALE: 1/2" = 1'-0"

PROFFITT & ASSOCIATES

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SCHOOLS SCHOOLS T REPLACEMENT FOR:

WEST MIDDLE S

MERY COUNTY PUBLIC S CHAIR LIFT REP JULIUS WE: MONTGOMERY (651 GREAT FALLS R ROCKVILLE, MARYL

ISSUE EV DATE DESCRIPTION

PROJECT NO.: 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. 20 AMPERE CIRCUITS SHALL BE SIZED AS FOLLOWS:

20 AMPERE CIRCUITS				
120 VOLT		277 VOLT		MINIMUM
WIRING LENGTH	WIRE SIZE	WIRING LENGTH	WIRE SIZE	CONDUIT SIZE
0' - 60'	#12	0' - 130'	#12	3/4"
60' - 100'	#10	130' - 210'	#10	3/4"
100' - 150'	#8	210' - 340'	#8	3/4"
150' - 240'	#6	340' - 540'	#6	3/4"
OVER 240'	#4	OVER 540'	#4	1"
NOTES: BRANCH CIRCUITS IN	PANELBOARD:	S WITH 200% RATED	NEUTRAL BUS	AND ALL DIMMED

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

LIGHTING CIRCUITS & ECM MOTORS SHALL HAVE DEDICATED NEUTRAL CONDUCTORS.

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.

PINS AS REQUIRED TO TERMINATE WIRING AND MAKE FINAL CONNECTIONS.

- 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.

LIGHTING

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

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

INDICATES LIGHTING FIXTURE ON EMERGENCY CIRCUIT.

EXIT SIGN; CEILING MOUNTED, WALL MOUNTED 6" ABOVE DOOR; SHADING

POWER

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

INDICATED ILLUMINATED FACE, DIRECTIONAL ARROWS AS INDICATED

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



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) REFERENCE TO DRAWING NOTE

/E#.# DETAIL REFERENCE: DETAIL NUMBER/DRAWING NUMBER

ITEMS SHOWN DASHED/HEAVY ARE TO BE REMOVED

O ITEMS SHOWN SOLID/LIGHT ARE EXISTING TO REMAIN

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

ABBREVIATIONS:

LRA LOCKED ROTOR AMPERES

MCB MAIN CIRCUIT BREAKER

MCA MINIMUM CIRCUIT AMPERES

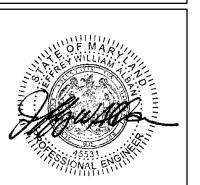
Δ	AMPERE AMPERES	MDF	MAIN DISTRIBUTION FRAME
ΔFF	AMPERE, AMPERES ABOVE FINISHED FLOOR	MLO	MAIN LLICE ONLY
ÁHÚ	AIR HANDLING LINIT	MPOP	MAIN POINT OF PRESENCE
AIC	AMPERE INTERRUPTING CAPACITY	MSB	MAIN SWITCHBOARD
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNTED
AWG	AMERICAN WIRE CALIGE	MH	MOUNTING HEIGHT/MANHOLE
CATV	CABLE TELEVISION	NEC	NATIONAL ELECTRICAL CODE
CCTV	ABOVE FINISHED FLOOR 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	CIDCLIIT DDEAKED	NF/SS	
DWG	DRAWING	NO	NUMBER
ECB	DRAWING ENCLOSED CIRCUIT BREAKER EXHAUST FAN EMERGENCY POWER OFF	OC	ON CENTERS
EF	ENCLUSED CIRCUIT BREAKER	P	POLE, POLES
EPO	EVILACE LAIN	ø	PHASE
	EXISTING TO REMAIN	PNL	PANEL
EWC	EMERGENCY POWER OFF EXISTING TO REMAIN ELECTRIC WATER COOLER	PVC	POLYVINYL CHLORIDE
EX			RETURN AIR FAN
FAAP		RGS	RIGID GALVANIZED STEEL
FACP	FIRE ALARM CONTROL DANIEL	RX	REMOVE EXISTING
FLA	FILL LOAD AMPERES	TYP	TYPICAL
FSS	FUSED SAFETY SWITCH	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
1 33 G	GROUND	ÜH	UNIT HEATER
GFEP	CROUND FAILLT FOLLIPMENT PROTECTION	V	VOLT, VOLTS
GFI	CROLIND FALLT INTERRIPTING	VR	VANDALL RESISTANT
HOA		WP	WEATHERPROOF
HP	HORSEPOWER	W	WATTS, WIRE, WIRES
HWH	HOT WATER HEATER GENERATOR	XFMR	TRANSFORMER
IDF	INTERMEDIATE DISTRIBUTION FRAME	TTB	TELEPHONE TERMINAL BOARD
IMC	INTERMEDIATE METAL CONDUIT	UTP	UNSHIELDED TWISTED PAIR
KCMIL	HAND—OFF—AUTOMATIC HORSEPOWER HOT WATER HEATER GENERATOR INTERMEDIATE DISTRIBUTION FRAME INTERMEDIATE METAL CONDUIT THOUSAND CIRCULAR MILS KILOVOLT—AMPERES	UON	UNLESS OTHERWISE NOTED
KVA	KILOVOLT-AMPERES		
ΚW	KILOWATT		
1.504	LOCKED DOTOD AMPEDED		

PAA

PROFFITT & ASSOCIATES ARCHITECTS

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DOCUMENTS WERE
PREPARED OR APPROVED
BY ME, AND THAT I AM A
ULY LICENSED ARCHITECT
JNDER THE LAWS OF THE
STATE OF MARYLAND.
LICENSE No.
45531
EXPIRATION DATE
06/03/26



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REPLACEMENT FOR:

WEST MIDDLE SCHOOLS

ERY COUNTY PUBLIC SCHOOLS

JULIUS WEST M
MONTGOMERY COUNT
651 GREAT FALLS ROAD
ROCKVILLE, MARYLAND 208

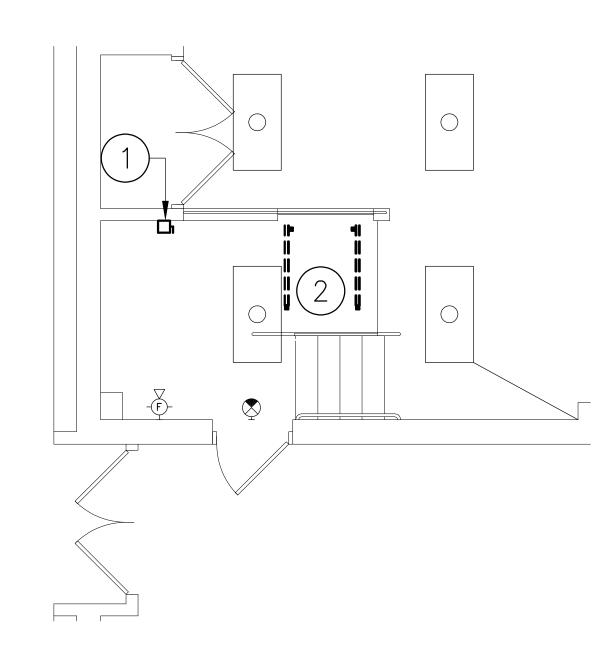
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DATE:

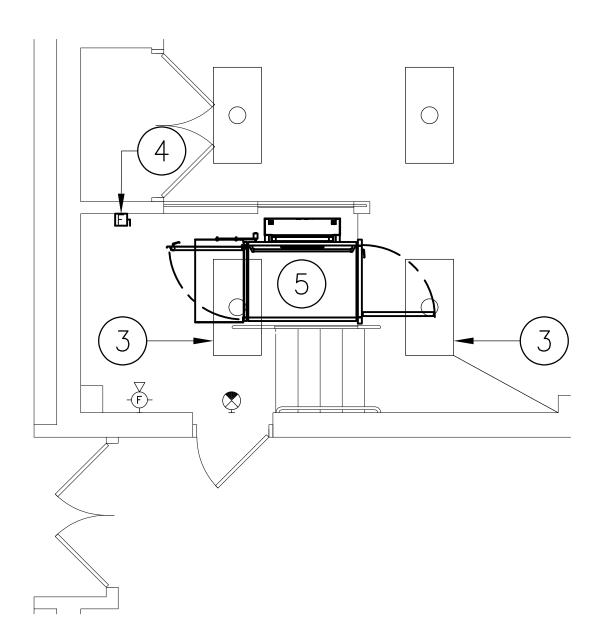
ELECTRICAL LEGEND, ABBREVIATIONS, & CONVENTIONS

02/05/2025

E0.1



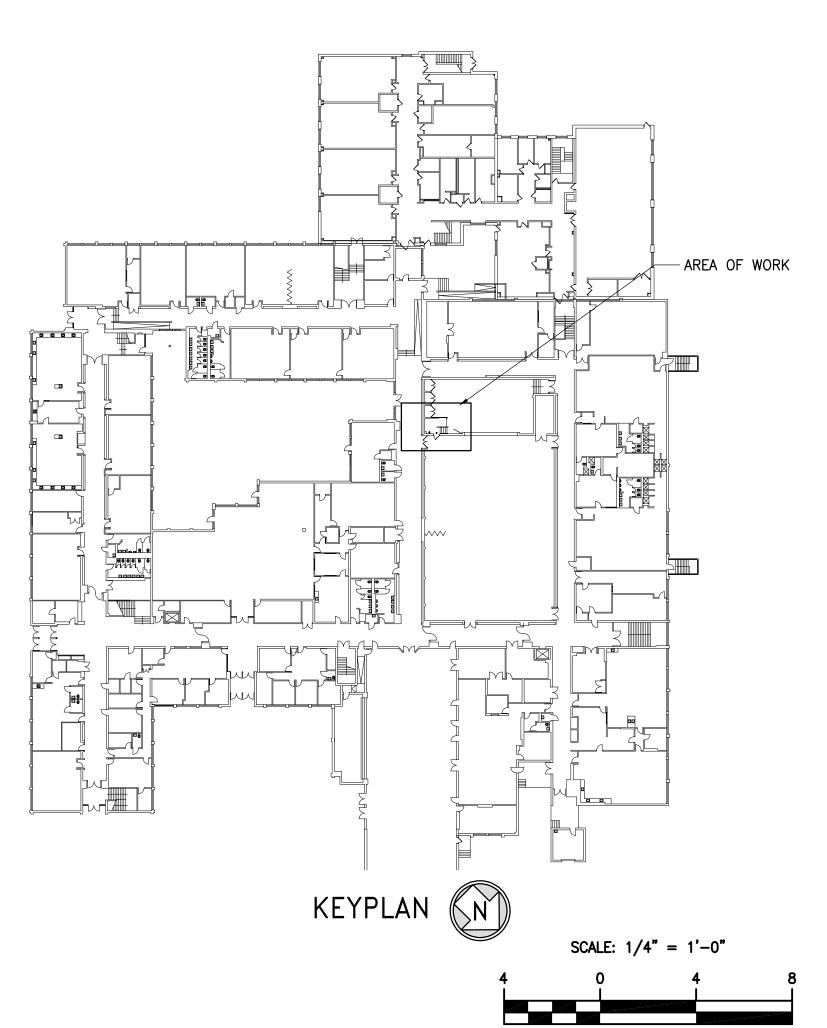
<u>CHAIR LIFT - DEMOLITION</u> SCALE: 1/4'' = 1'-0''



<u>CHAIR LIFT - NEW WORK</u> SCALE: 1/4'' = 1'-0''

DRAWING NOTES:

- REMOVE EXISTING DISCONNECT. MAINTAIN/EXTEND/MODIFY CIRCUIT AS REQUIRED FOR RECONNECTION OF NEW CHAIR LIFT.
- 2 REMOVE ALL ELECTRICAL APPURTENANCES ASSOCIATED WITH DEMOLISHED LIFT UON. MAINTAIN CIRCUIT FOR RECONNECTION TO NEW LIFT DISCONNECT.
- 3 CONNECT TO NEAREST EMERGENCY LIGHTING CIRCUIT WITH (2)#12+#12GW-3/4"C.
- 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.
- 5 NEW CHAIRLIFT. MAKE CONNECTION TO NEW DISCONNECT. MAKE ALL INNER CONNECTIONS AS REQUIRED. LOCATE NEW LIFT CALL CONTROLS WITH MANUFACTURER'S RECOMMENDATIONS.

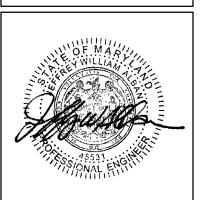




PROFFITT & ASSOCIATES

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	ISSUE			
REV	DATE	DESCRIPTION		
PROJECT NO.: DATE:		O.: 24-14.01 02/05/2025		

DEMOLITION & PROPOSED FLOOR PLANS

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.

LIGHTING

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

LIGHTING FIXTURE; WALL MOUNTED, CEILING MOUNTED; TYPE AS

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

INDICATES LIGHTING FIXTURE ON EMERGENCY CIRCUIT.

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

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

REFERENCE TO DRAWING NOTE

DETAIL REFERENCE: DETAIL NUMBER/DRAWING NUMBER

<u>_</u>__ ITEMS SHOWN DASHED/HEAVY ARE TO BE REMOVED

ITEMS SHOWN SOLID/LIGHT ARE EXISTING TO REMAIN 0

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

ABBREVIATIONS:

KW KILOWATT

LRA LOCKED ROTOR AMPERES

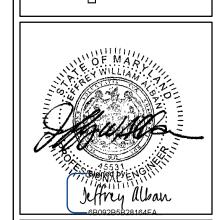
MCB MAIN CIRCUIT BREAKER

MCA MINIMUM CIRCUIT AMPERES

A AFF	AMPERE, AMPERES ABOVE FINISHED FLOOR	MDF MLO	MAIN DISTRIBUTION FRAME MAIN LUGS ONLY
AHU	AIR HANDLING LINIT	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 ELECTRICAL CODE
CCTV	ABOVE TIMISTIED FEOUR AIR HANDLING UNIT AMPERE INTERRUPTING CAPACITY AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE CABLE TELEVISION CLOSED CIRCUIT TELEVISION CONDUIT	NEMA	NATIONAL ELECTRICAL
C	CONDUIT		MANUFACTURER'S ASSOCIATION
CB	CIRCUIT BREAKER		NONFUSED SAFETY SWITCH
DWG	DRAWING		NUMBER
ECB	ENCLOSED CIRCUIT BREAKER	OC	ON CENTERS
EF	EXHAUST FAN	Р	POLE, POLES
EPO	EMERGENCY POWER OFF	Ø	PHASE
ETR	EXISTING TO REMAIN	PNL	PANEL
EWC	EXHAUST FAN EMERGENCY POWER OFF EXISTING TO REMAIN ELECTRIC WATER COOLER EXISTING	PVC	POLYVINYL CHLORIDE
FY	EXISTING	RAF	RFTURN AIR FAN
FAAP	FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FULL LOAD AMPERES FUSED SAFETY SWITCH GROUND	RGS	RIGID GALVANIZED STEEL
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 GROUND FAULT INTERRUPTING	V	VOLT, VOLTS
GFI	GROUND FAULT INTERRUPTING	VR	VANDALL RESISTANT
HOA	GROUND FAULT INTERRUPTING HAND-OFF-AUTOMATIC HORSEPOWER	WP	WEATHERPROOF
HP	HORSEPOWER	W	WATTS, WIRE, WIRES
HWH	HOT WATER HEATER GENERATOR	XFMR	TRANSFORMER
IDF	INTERMEDIATE DISTRIBUTION FRAME	IIR	TELEPHONE TERMINAL BOARD UNSHIELDED TWISTED PAIR
IMC	THE THE WEIGHT OUT OUT	UIP	UNDMIELDED IWIDIED MOTED
KCMIL		UON	UNLESS OTHERWISE NOTED
KVA	KILOVOLT-AMPERES		



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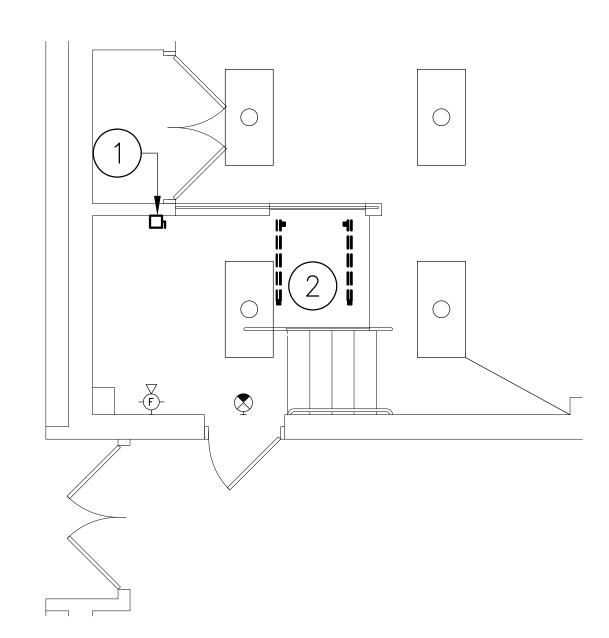
O δ CHOOLS CHOOLS

S REPLACEMENT FOR:
WEST MIDDLE

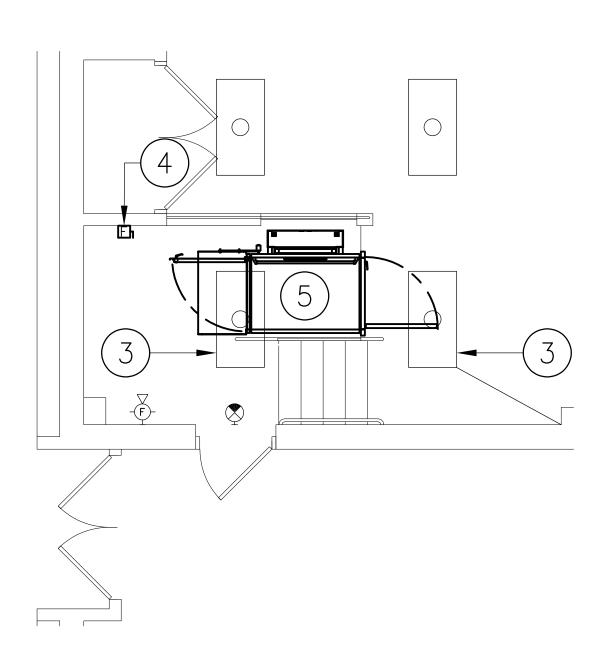
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ELECTRICAL LEGEND, ABBREVIATIONS, & CONVENTIONS



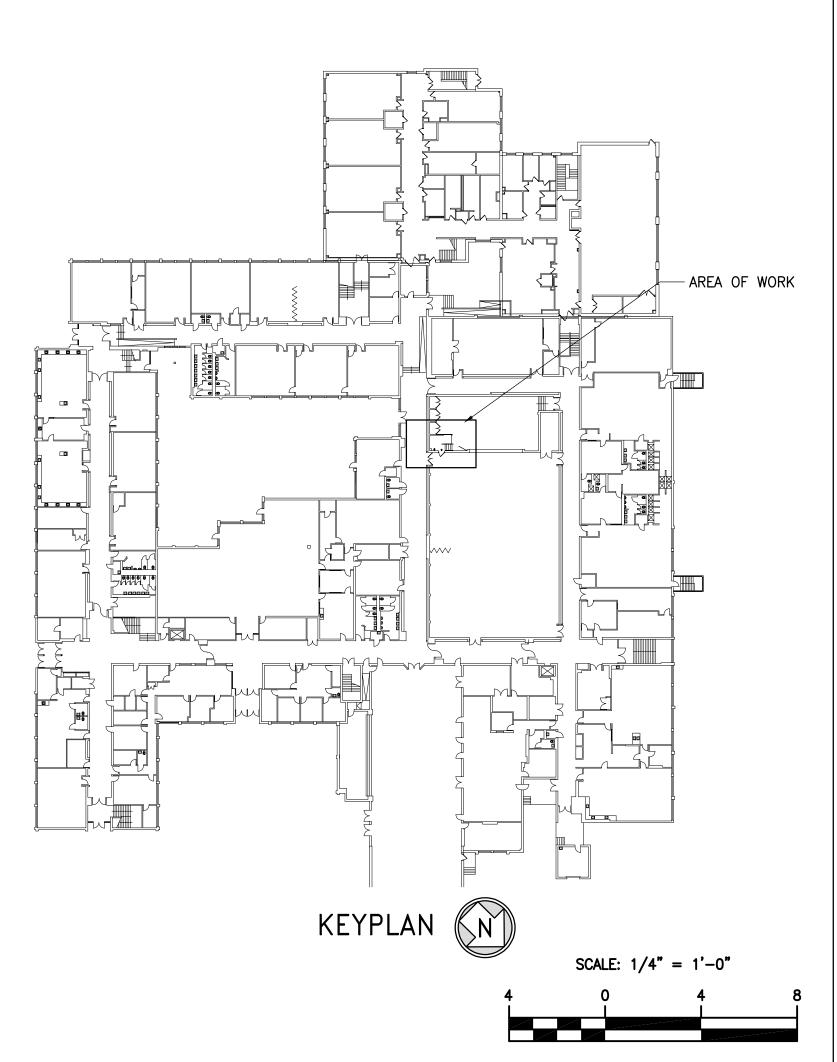
CHAIR LIFT - DEMOLITION SCALE: 1/4'' = 1'-0''



CHAIR LIFT - NEW WORK SCALE: 1/4'' = 1'-0''

DRAWING NOTES:

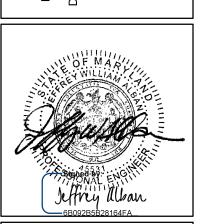
- 1 REMOVE EXISTING DISCONNECT. MAINTAIN/EXTEND/MODIFY CIRCUIT AS REQUIRED FOR RECONNECTION OF NEW CHAIR LIFT.
- 2 REMOVE ALL ELECTRICAL APPURTENANCES ASSOCIATED WITH DEMOLISHED LIFT UON. MAINTAIN CIRCUIT FOR RECONNECTION TO NEW LIFT DISCONNECT.
- 3 CONNECT TO NEAREST EMERGENCY LIGHTING CIRCUIT WITH (2)#12+#12GW-3/4"C.
- 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.
- 5 NEW CHAIRLIFT. MAKE CONNECTION TO NEW DISCONNECT. MAKE ALL INNER CONNECTIONS AS REQUIRED. LOCATE NEW LIFT CALL CONTROLS WITH MANUFACTURER'S RECOMMENDATIONS.





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