

# MICHIGAN STATE POLICE HEADQUARTERS

7150 HARRIS DRIVE, DIMONDALE, MI 48821

# UPGRADE ELEVATORS

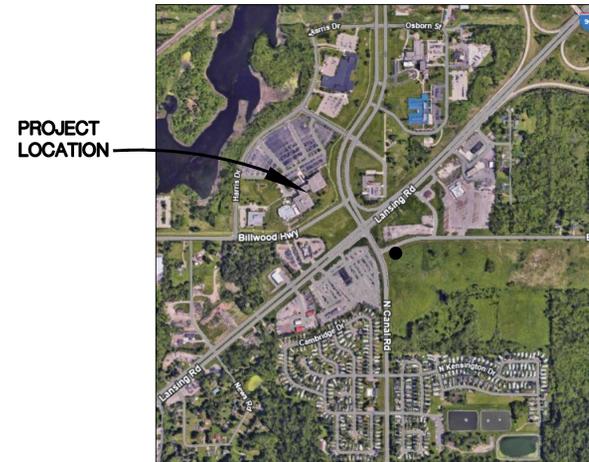
THE DEPARTMENT OF TECHNOLOGY, MANAGEMENT, AND BUDGET  
THE STATE OF MICHIGAN

FILE NUMBER: 171/24099.TYC

CONTRACT ORDER NUMBER: Y 24380



NORTH  
**SITE LOCATION MAP**  
SCALE - N.T.S.



NORTH  
**SITE VICINITY MAP**  
SCALE - N.T.S.

## INDEX OF DRAWINGS:

### GENERAL

G-000 TITLE SHEET AND SHEET INDEX

### ARCHITECTURAL

A-100 FIRST FLOOR OVERALL PLAN, CODE COMPLIANCE AND NOTES  
A-101 FIRST FLOOR ENLARGED PLANS AND ELEVATIONS  
A-102 SECOND FLOOR ENLARGED PLANS AND ELEVATIONS  
A-103 THIRD FLOOR ENLARGED PLANS AND ELEVATIONS  
A-104 FOURTH FLOOR ENLARGED PLANS AND ELEVATIONS

### ELECTRICAL

E-100 ELECTRICAL SYMBOLS, ABBREVIATIONS, AND NOTES  
E-300 PARTIAL BASEMENT, FIRST AND SECOND FLOOR PLANS ELECTRICAL DEMOLITION  
E-301 ELECTRICAL PARTIAL THIRD AND FOURTH FLOOR PLANS POWER  
E-500 ELECTRICAL FIRST FLOOR PLAN POWER  
E-501 ELECTRICAL PARTIAL THIRD AND FOURTH FLOOR PLANS POWER  
E-700 ELECTRICAL FIRST FLOOR PLAN POWER  
E-701 ELECTRICAL PARTIAL THIRD AND FOURTH FLOOR PLANS POWER

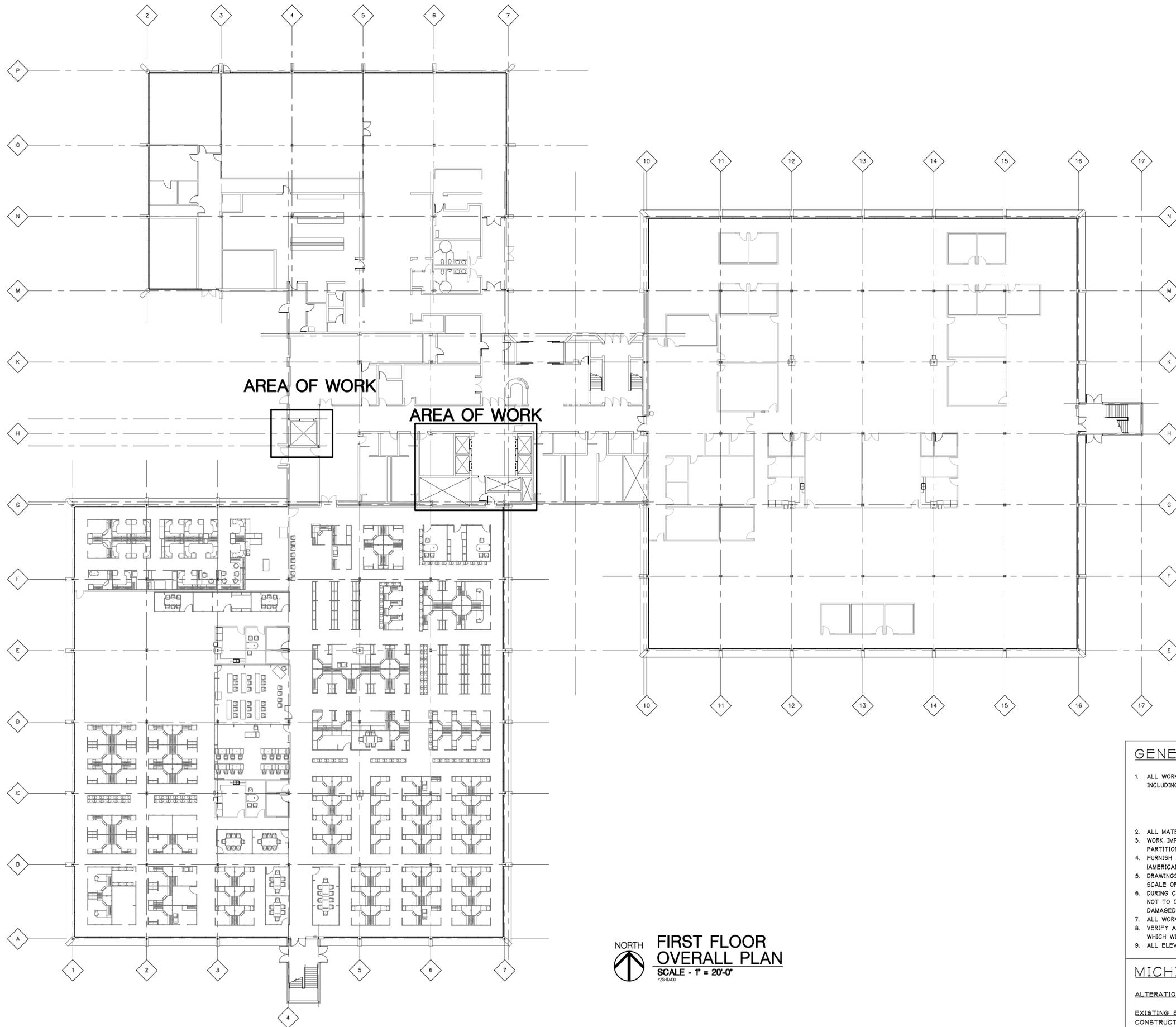
**MEP ENGINEERS**  
MATRIX CONSULTING ENGINEERS, INC  
544 CHERBOURG DRIVE  
LANSING, MI 48917

**ARCHITECT OF RECORD**  
HOBBS + BLACK ARCHITECTS  
LANSING OFFICE  
117 E. ALLEGAN ST.  
LANSING, MI 48933  
PH: (517) 484-4870

**ELEVATOR SPECIALIST**  
LERCH BATES ELEVATOR CONSULTING  
950 BOSTON STREET SE  
GRAND RAPIDS, MI 49507  
PH: (616) 216-2058

Drawing: P:\2024\243 IC Upgrade Elevators, Michigan State Police Headquarters, State Secondary Computer\Drawings\25171G000.dwg  
Date: Feb 09, 2026, 11:44am Layout: G-000 Plotted by: janda

Drawing: P:\2024\243 IC Upgrade Elevators, Michigan State Police Headquarters, State Secondary Computer\Drawings\25\HTA\100.dwg  
 Date: Feb 09, 2024, 11:44am Layout: A-100 Plotted by: jorlida



**FIRST FLOOR  
OVERALL PLAN**  
 SCALE - 1" = 20'-0"  
1/25/24/20

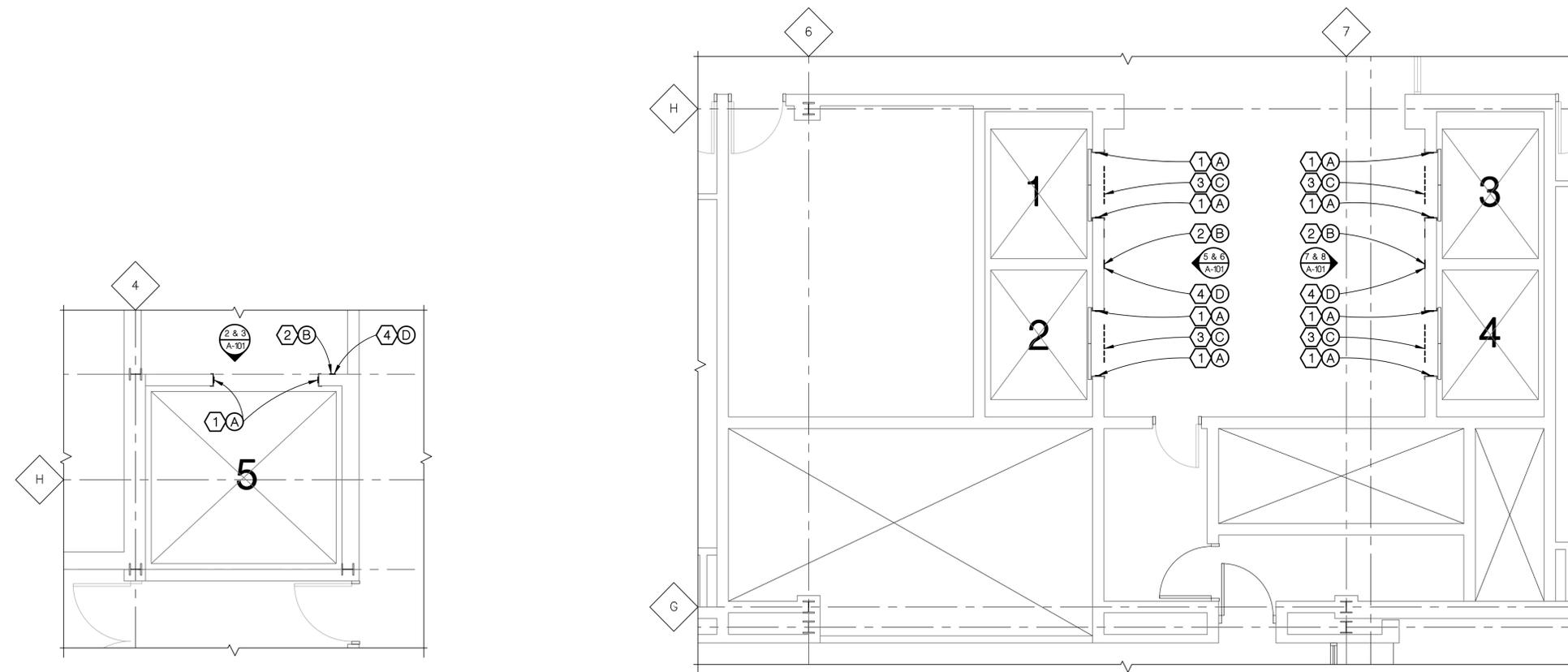
**GENERAL NOTES**

1. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE STATE OF MICHIGAN STANDARDS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:  
 2021 MICHIGAN REHABILITATION CODE  
 2021 MICHIGAN BUILDING CODE  
 2021 MICHIGAN MECHANICAL CODE  
 2021 MICHIGAN ELECTRICAL CODE
2. ALL MATERIALS SHALL BE NEW UNLESS OTHERWISE NOTED.
3. WORK IMPLEMENTED IN EXISTING FIRE-RATED PARTITIONS SHALL MAINTAIN THE RATING OF THE PARTITION.
4. FURNISH ALL COMPONENTS AND ACCESSORIES FOR ACCESSIBLE ROUTES REQUIRED BY THE ADA (AMERICAN WITH DISABILITIES ACT) AND THE STATE OF MICHIGAN.
5. DRAWINGS ARE PROVIDED FOR REFERENCE ONLY. FOLLOW ONLY PROVIDED DIMENSIONS AND DO NOT SCALE OFF DRAWINGS
6. DURING CONSTRUCTION, CONTRACTORS SHALL PROTECT EXISTING WORK AND SHALL TAKE PRECAUTIONS NOT TO DAMAGE ANY EXISTING MATERIALS, ITEMS, OR CONDITIONS. REPAIR AND / OR REPLACE ALL DAMAGED ITEMS TO APPEAR AS NEW WITH NO EXTRA COST TO THE OWNER.
7. ALL WORK SHOWN SHALL BE INCLUDED IN THE SCOPE OF WORK, UNLESS OTHERWISE NOTED AS "NIC"
8. VERIFY ALL ELEVATORS DIMENSIONS, DOOR OPENING CLEARANCE AND HEIGHTS. PROVIDE EQUIPMENT WHICH WILL FIT IN / THROUGH THE EXISTING OPENINGS AVAILABLE.
9. ALL ELEVATOR SHAFT WALLS ARE 2-HOUR RATED WALLS.

**MICHIGAN REHABILITATION CODE 2021**

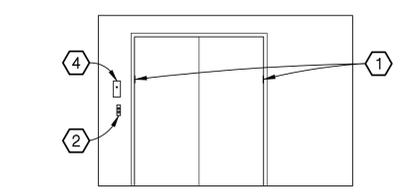
**ALTERATION LEVEL 1**  
  
 EXISTING BUILDING  
 CONSTRUCTION TYP: IIB - EXISTING TO REMAIN  
 OCCUPANCY: B (NO CHANGE)  
 SPRINKLER SYSTEM: FULL AUTOMATIC SPRINKLER SYSTEM THROUGHOUT  
  
 ELEVATOR PIT SUMP: NOT REQUIRED (VARIANCE APPROVED 11/26/2025)



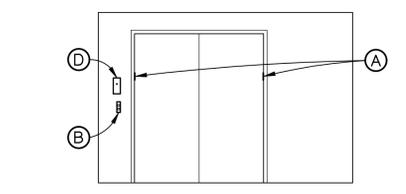


**1 SERVICE ELEVATOR FIRST FLOOR PLAN**  
 NORTH  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450

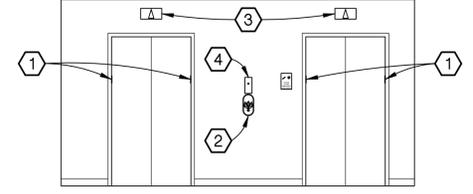
**4 MAIN ELEVATOR FIRST FLOOR PLAN**  
 NORTH  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450



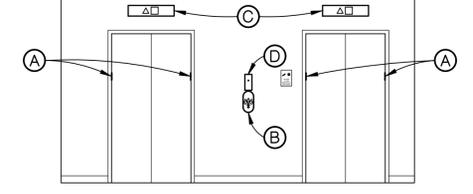
**2 SERVICE ELEVATOR FIRST FLOOR ELEVATION DEMOLITION**  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450



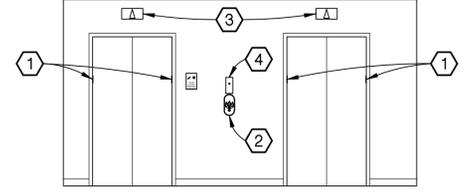
**3 SERVICE ELEVATOR FIRST FLOOR ELEVATION**  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450



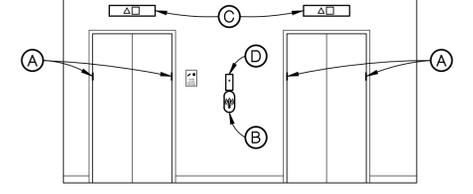
**5 MAIN ELEVATOR FIRST FLOOR WEST ELEVATION DEMOLITION**  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450



**6 MAIN ELEVATOR FIRST FLOOR WEST ELEVATION**  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450



**7 MAIN ELEVATOR FIRST FLOOR EAST ELEVATION DEMOLITION**  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450



**8 MAIN ELEVATOR FIRST FLOOR EAST ELEVATION**  
 SCALE - 1/4" = 1'-0"  
 A-101 ULS9450

**CONSTRUCTION NOTES**

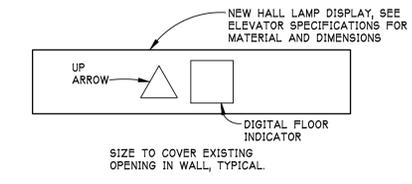
1. MAINTAIN EXISTING FIRE RATING OF ALL ELEVATOR SHAFT WALLS WITH INSTALLATION OF NEW LANTERN AND CALL BUTTON EQUIPMENT.
2. TOUCH UP PAINT OF SURROUNDING WALL TO MATCH EXISTING WALL AFFECTED BY NEW WORK. WHERE NECESSARY, PAINT ENTIRE WALL TO NEAREST 90 DEGREE EDGE WITH MATCHING COLOR.
3. INSTALL COVER PLATE AS NEEDED, TO COVER ANY HOLE THAT MAY BE PRESENT FROM MODIFIED SIGNAGE, CALL BUTTON, OR LAMP SIZE CHANGE.
4. REFER ALSO TO GENERAL NOTES ON SHEET A-100.
5. REPAIR ALL EXISTING OPENINGS CAUSED BY REMOVAL OF EXISTING ELEVATOR EQUIPMENT WITH CMU OR GYPSUM PANELS MATCHING FIRE RATING AND SURROUNDING WALL.
6. FIELD VERIFY ALL DIMENSIONS AT ELEVATOR DOOR FRAMES.
7. FIELD VERIFY ALL DIMENSIONS AT WIRE MESH PARTITIONS.

**DEMOLITION KEY NOTES**

- ① REMOVE EXISTING FLOOR LEVEL SIGNAGE
- ② REMOVE EXISTING ELEVATOR CALL BUTTON PANEL
- ③ REMOVE EXISTING HALL LAMP
- ④ REMOVE EXISTING FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- ⑤ REMOVE EXISTING ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL

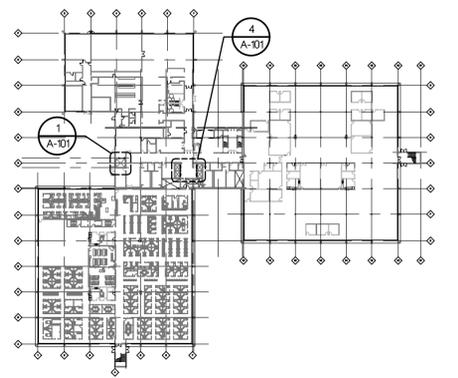
**NEW CONSTRUCTION KEY NOTES**

- Ⓐ INSTALL NEW FLOOR LEVEL SIGNAGE
- Ⓑ INSTALL NEW ELEVATOR CALL BUTTON PANEL
- Ⓒ INSTALL NEW HALL LAMP
- Ⓓ INSTALL NEW FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- Ⓔ INSTALL NEW ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL



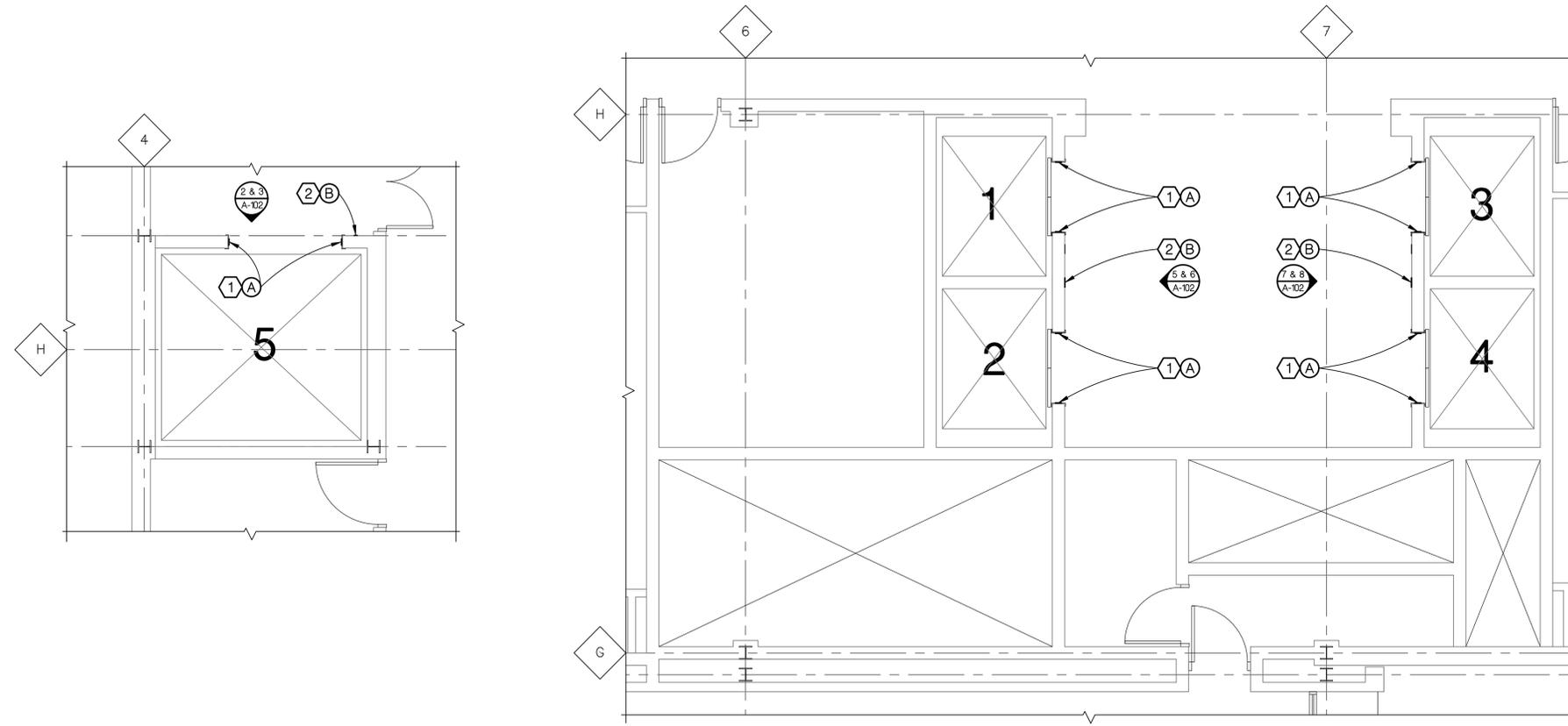
**9 INDICATOR DETAIL AT FIRST FLOOR**  
 SCALE - 1 1/2" = 1'-0"  
 A-101 ULS9450

**KEY PLAN**



Drawing: P:\2024\243 IC Upgrade Elevators, Michigan State Police Headquarters, State Secondary Computer\Drawings\25HTA\01.dwg  
 Date: Feb 09, 2024, 11:45am Layout: A-101 Plotted by: jorda

Drawing: P:\2024\243 IC Upgrade Elevators, Michigan State Police Headquarters, State Secondary Computer\Drawings\25\HTA\02.dwg  
Date: Feb 09, 2024, 11:46am Layout: A-102 Plotted by: jorda



**CONSTRUCTION NOTES**

1. MAINTAIN EXISTING FIRE RATING OF ALL ELEVATOR SHAFT WALLS WITH INSTALLATION OF NEW LANTERN AND CALL BUTTON EQUIPMENT.
2. TOUCH UP PAINT OF SURROUNDING WALL TO MATCH EXISTING WALL AFFECTED BY NEW WORK. WHERE NECESSARY, PAINT ENTIRE WALL TO NEAREST 90 DEGREE EDGE WITH MATCHING COLOR.
3. INSTALL COVER PLATE AS NEEDED, TO COVER ANY HOLE THAT MAY BE PRESENT FROM MODIFIED SIGNAGE, CALL BUTTON, OR LAMP SIZE CHANGE.
4. REFER ALSO TO GENERAL NOTES ON SHEET A-100.
5. REPAIR ALL EXISTING OPENINGS CAUSED BY REMOVAL OF EXISTING ELEVATOR EQUIPMENT WITH CMU OR GYPSUM PANELS MATCHING FIRE RATING AND SURROUNDING WALL.
6. FIELD VERIFY ALL DIMENSIONS AT ELEVATOR DOOR FRAMES.
7. FIELD VERIFY ALL DIMENSIONS AT WIRE MESH PARTITIONS

**DEMOLITION KEY NOTES**

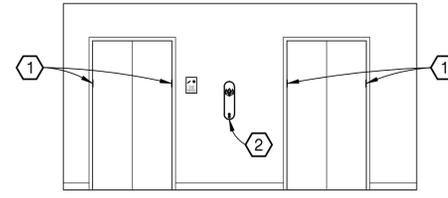
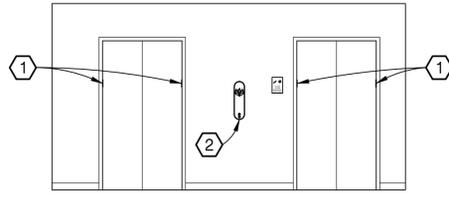
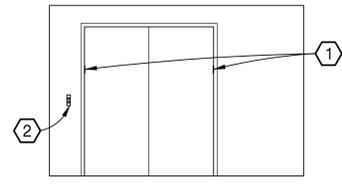
- ① REMOVE EXISTING FLOOR LEVEL SIGNAGE
- ② REMOVE EXISTING ELEVATOR CALL BUTTON PANEL
- ③ REMOVE EXISTING HALL LAMP
- ④ REMOVE EXISTING FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- ⑤ REMOVE EXISTING ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL

**NEW CONSTRUCTION KEY NOTES**

- Ⓐ INSTALL NEW FLOOR LEVEL SIGNAGE
- Ⓑ INSTALL NEW ELEVATOR CALL BUTTON PANEL
- Ⓒ INSTALL NEW HALL LAMP
- Ⓓ INSTALL NEW FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- Ⓔ INSTALL NEW ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL

**SERVICE ELEVATOR SECOND FLOOR PLAN**  
SCALE - 1/4" = 1'-0"  
UL96450

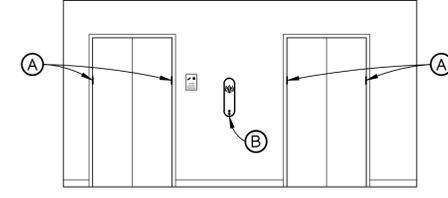
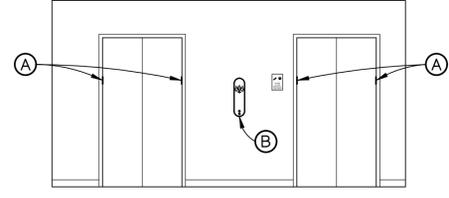
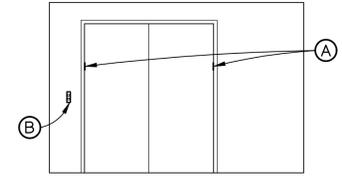
**MAIN ELEVATOR SECOND FLOOR PLAN**  
SCALE - 1/4" = 1'-0"  
UL96450



**SERVICE ELEVATOR SECOND FLOOR ELEVATION DEMOLITION**  
SCALE - 1/4" = 1'-0"  
UL96450

**MAIN ELEVATOR SECOND FLOOR WEST ELEVATION DEMOLITION**  
SCALE - 1/4" = 1'-0"  
UL96450

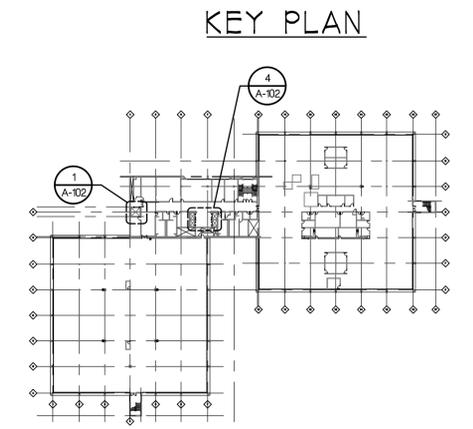
**MAIN ELEVATOR SECOND FLOOR EAST ELEVATION DEMOLITION**  
SCALE - 1/4" = 1'-0"  
UL96450

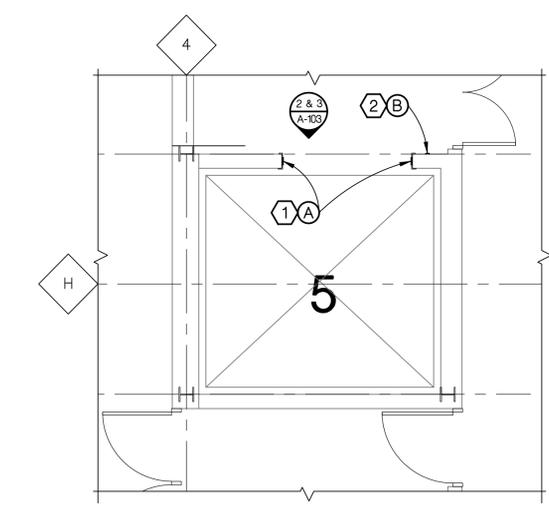
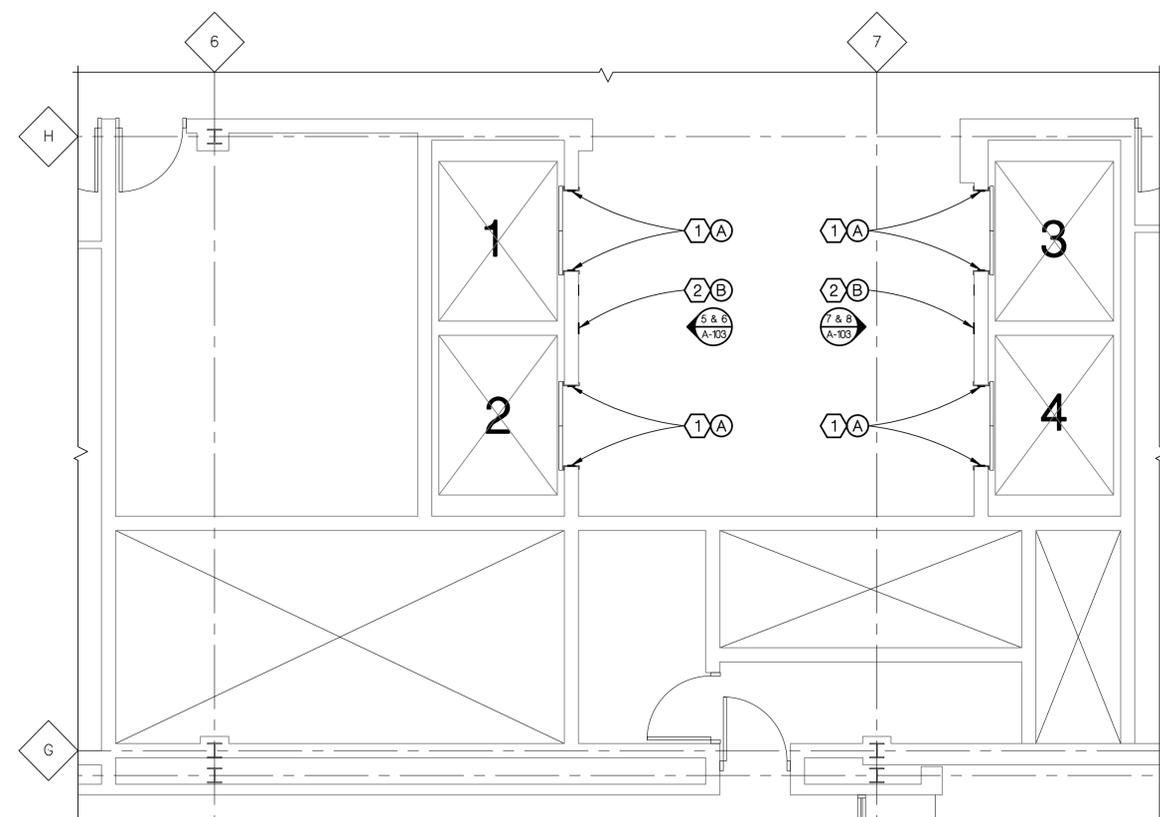


**SERVICE ELEVATOR SECOND FLOOR ELEVATION**  
SCALE - 1/4" = 1'-0"  
UL96450

**MAIN ELEVATOR SECOND FLOOR WEST ELEVATION**  
SCALE - 1/4" = 1'-0"  
UL96450

**MAIN ELEVATOR SECOND FLOOR EAST ELEVATION**  
SCALE - 1/4" = 1'-0"  
UL96450





**CONSTRUCTION NOTES**

1. MAINTAIN EXISTING FIRE RATING OF ALL ELEVATOR SHAFT WALLS WITH INSTALLATION OF NEW LANTERN AND CALL BUTTON EQUIPMENT.
2. TOUCH UP PAINT OF SURROUNDING WALL TO MATCH EXISTING WALL AFFECTED BY NEW WORK. WHERE NECESSARY, PAINT ENTIRE WALL TO NEAREST 90 DEGREE EDGE WITH MATCHING COLOR.
3. INSTALL COVER PLATE AS NEEDED, TO COVER ANY HOLE THAT MAY BE PRESENT FROM MODIFIED SIGNAGE, CALL BUTTON, OR LAMP SIZE CHANGE.
4. REFER ALSO TO GENERAL NOTES ON SHEET A-100.
5. REPAIR ALL EXISTING OPENINGS CAUSED BY REMOVAL OF EXISTING ELEVATOR EQUIPMENT WITH CMU OR GYPSUM PANELS MATCHING FIRE RATING AND SURROUNDING WALL.
6. FIELD VERIFY ALL DIMENSIONS AT ELEVATOR DOOR FRAMES.
7. FIELD VERIFY ALL DIMENSIONS AT WIRE MESH PARTITIONS.

**DEMOLITION KEY NOTES**

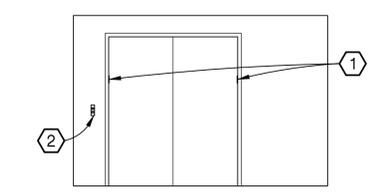
- ① REMOVE EXISTING FLOOR LEVEL SIGNAGE
- ② REMOVE EXISTING ELEVATOR CALL BUTTON PANEL
- ③ REMOVE EXISTING HALL LAMP
- ④ REMOVE EXISTING FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- ⑤ REMOVE EXISTING ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL

**NEW CONSTRUCTION KEY NOTES**

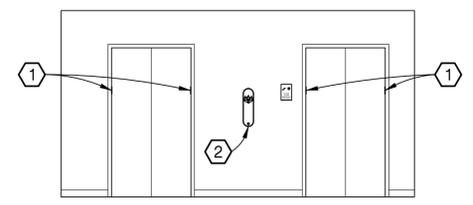
- (A) INSTALL NEW FLOOR LEVEL SIGNAGE
- (B) INSTALL NEW ELEVATOR CALL BUTTON PANEL
- (C) INSTALL NEW HALL LAMP
- (D) INSTALL NEW FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- (E) INSTALL NEW ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL

NORTH  
  
**SERVICE ELEVATOR THIRD FLOOR PLAN**  
 SCALE - 1/4" = 1'-0"  
 ULS9450

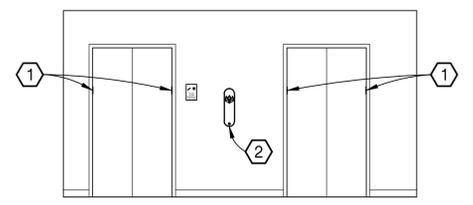
NORTH  
  
**MAIN ELEVATOR THIRD FLOOR PLAN**  
 SCALE - 1/4" = 1'-0"  
 ULS9450



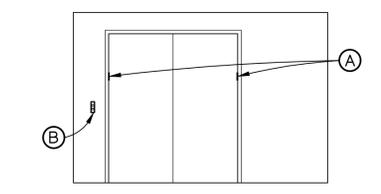
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**SERVICE ELEVATOR THIRD FLOOR ELEVATION DEMOLITION**  
 SCALE - 1/4" = 1'-0"  
 ULS9450



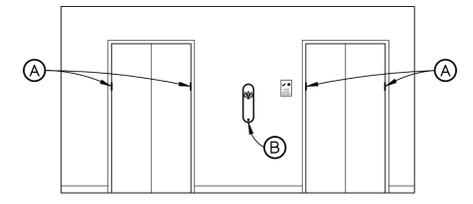
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**MAIN ELEVATOR THIRD FLOOR WEST ELEVATION DEMOLITION**  
 SCALE - 1/4" = 1'-0"  
 ULS9450



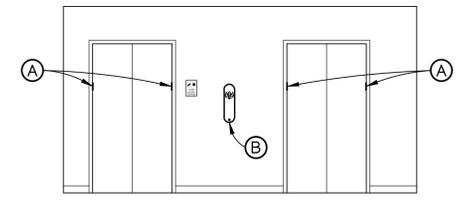
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**MAIN ELEVATOR THIRD FLOOR EAST ELEVATION DEMOLITION**  
 SCALE - 1/4" = 1'-0"  
 ULS9450



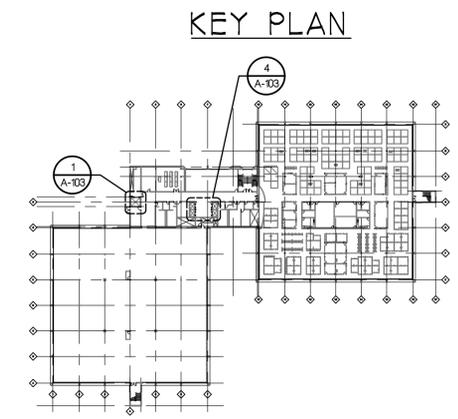
③  
**SERVICE ELEVATOR THIRD FLOOR ELEVATION**  
 SCALE - 1/4" = 1'-0"  
 ULS9450



⑥  
**MAIN ELEVATOR THIRD FLOOR WEST ELEVATION**  
 SCALE - 1/4" = 1'-0"  
 ULS9450



⑧  
**MAIN ELEVATOR THIRD FLOOR EAST ELEVATION**  
 SCALE - 1/4" = 1'-0"  
 ULS9450



Drawing: P:\2024\243 IC Upgrade Elevators, Michigan State Police Headquarters, State Secondary Computer\Drawings\25\HTA\_03.dwg  
 Date: Feb 09, 2024, 11:45am Layout: A-103 Plotted by: jorda

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 PROCUREMENT AND REAL ESTATE SERVICES ADMINISTRATION  
 DESIGN AND CONSTRUCTION DIVISION  
 ADAM P. LACH, RA, DIRECTOR

**MSP HEADQUARTERS  
 UPGRADE ELEVATORS**  
 7150 Harris Dr.  
 Dimondale, MI 48821

**THIRD FLOOR ENLARGED PLANS  
 AND ELEVATIONS**

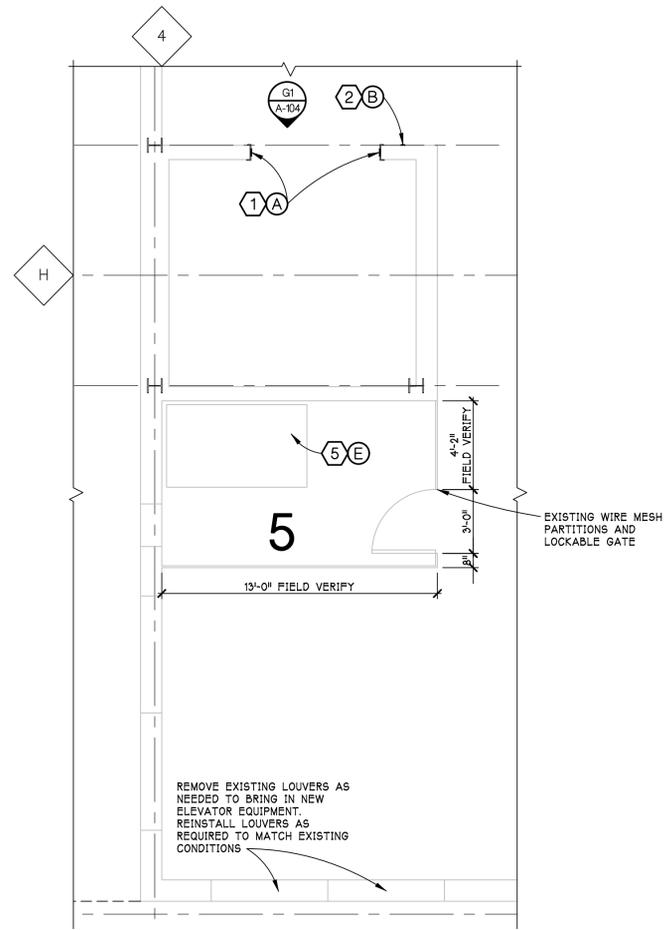
**HOBBS + BLACK  
 ARCHITECTS**  
 1171 Angier Street  
 Raleigh, NC 27601  
 www.hobbsblack.com  
 H+B No. 24-316

DESIGNED JB  
 DRAWN JM  
 CHECKED JM  
 APPROVED

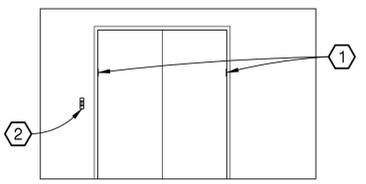
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 BID 02/06/2026

IDENTIFICATION NO. 171724099.TYC  
 FILE NUMBER  
 CONTRACT ORDER NUMBER: Y 24380

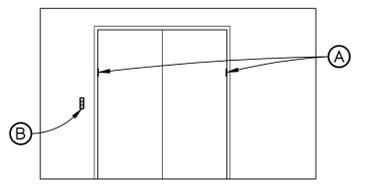
**SHEET A-103**



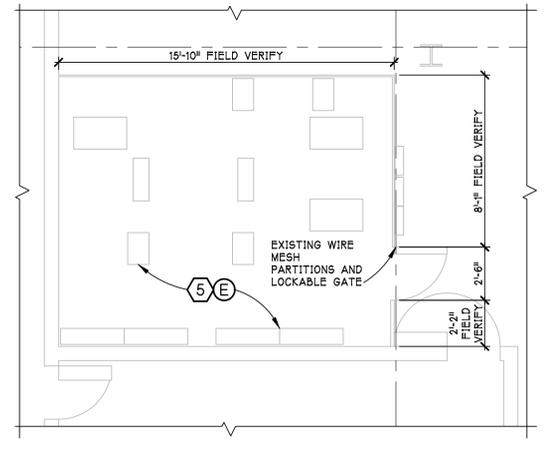
**SERVICE ELEVATOR AND MECHANICAL AREA  
FOURTH FLOOR PLAN**  
SCALE - 1/4" = 1'-0"  
U.S.G.A.E.D.



**SERVICE ELEVATOR  
FOURTH FLOOR ELEVATION DEMOLITION**  
SCALE - 1/4" = 1'-0"  
U.S.G.A.E.D.



**SERVICE ELEVATOR  
FOURTH FLOOR ELEVATION**  
SCALE - 1/4" = 1'-0"  
U.S.G.A.E.D.



**MAIN ELEVATOR MECHANICAL AREA  
FOURTH FLOOR PLAN**  
SCALE - 1/4" = 1'-0"  
U.S.G.A.E.D.

**CONSTRUCTION NOTES**

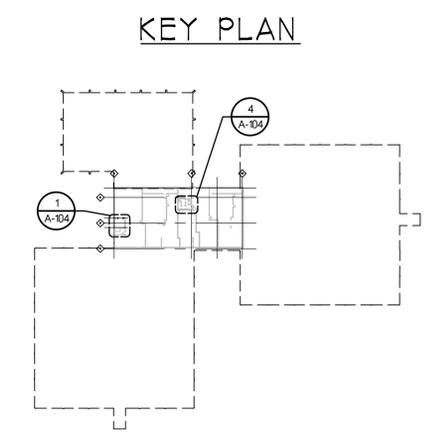
1. MAINTAIN EXISTING FIRE RATING OF ALL ELEVATOR SHAFT WALLS WITH INSTALLATION OF NEW LANTERN AND CALL BUTTON EQUIPMENT.
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4. REFER ALSO TO GENERAL NOTES ON SHEET A-100.
5. REPAIR ALL EXISTING OPENINGS CAUSED BY REMOVAL OF EXISTING ELEVATOR EQUIPMENT WITH CMU OR GYPSUM PANELS MATCHING FIRE RATING AND SURROUNDING WALL.
6. FIELD VERIFY ALL DIMENSIONS AT ELEVATOR DOOR FRAMES.
7. FIELD VERIFY ALL DIMENSIONS AT WIRE MESH PARTITIONS

**DEMOLITION KEY NOTES**

- ① REMOVE EXISTING FLOOR LEVEL SIGNAGE
- ② REMOVE EXISTING ELEVATOR CALL BUTTON PANEL
- ③ REMOVE EXISTING HALL LAMP
- ④ REMOVE EXISTING FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- ⑤ REMOVE EXISTING ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL

**NEW CONSTRUCTION KEY NOTES**

- Ⓐ INSTALL NEW FLOOR LEVEL SIGNAGE
- Ⓑ INSTALL NEW ELEVATOR CALL BUTTON PANEL
- Ⓒ INSTALL NEW HALL LAMP
- Ⓓ INSTALL NEW FIRE FIGHTERS EMERGENCY RETURN SWITCH AND COVER PLATE
- Ⓔ INSTALL NEW ELEVATOR MACHINERY, SEE MECHANICAL AND ELECTRICAL



Drawing: P:\2024\243 IC Upgrade Elevators, Michigan State Police Headquarters, State Secondary Computer\Drawings\25\HTA\04.dwg  
Date: Feb 09, 2024, 11:46am Layout: A-104 Plotted by: jornda

**ELECTRICAL SYMBOLS LEGEND**

<p><b>OUTLETS</b></p> <ul style="list-style-type: none"> <li>⊕ SINGLE RECEPTACLE (120 VOLT)</li> <li>⊕ DUPLEX RECEPTACLE</li> <li>⊕ EMERGENCY RECEPTACLE</li> <li>⊕ DOUBLE DUPLEX RECEPTACLE</li> <li>⊕ FLUSH FLOOR BOX</li> <li>⊕ SURFACE FLOOR BOX</li> <li>⊕ SPECIAL EQUIPMENT RECEPTACLE</li> <li>⊕ TELEPHONE OUTLET</li> <li>⊕ DATA OUTLET</li> <li>⊕ TELEPHONE / DATA OUTLET</li> <li>⊕ POWER POLE</li> <li>⊕ JUNCTION BOX</li> <li>⊕ WALL JUNCTION BOX</li> <li>⊕ PULL (JUNCTION) BOX</li> <li>⊕ UNDERFLOOR JUNCTION BOX</li> <li>⊕ CEILING MOUNTED WIFI</li> </ul> <p><b>SWITCHES</b></p> <ul style="list-style-type: none"> <li>⊕ SINGLE-POLE SWITCH</li> <li>⊕ THREE-WAY SWITCH</li> <li>⊕ FOUR-WAY SWITCH</li> <li>⊕ SWITCH WITH PILOT LIGHT</li> <li>⊕ THERMAL OVERLOAD SWITCH</li> <li>⊕ MANUAL MOTOR SWITCH</li> <li>⊕ KEY SWITCH</li> <li>⊕ TIME SWITCH</li> <li>⊕ DIMMER SWITCH</li> </ul> <p><b>MECHANICAL</b></p> <ul style="list-style-type: none"> <li>⊕ SINGLE PHASE MOTOR</li> <li>⊕ THREE PHASE MOTOR</li> <li>⊕ RESISTANCE HEATER, KW SHOWN</li> <li>⊕ PIPE TRACE HEATER</li> <li>⊕ ELECTRIC UNIT HEATER</li> <li>⊕ ELECTRIC WATER HEATER</li> </ul> <p><b>NURSE CALL</b></p> <ul style="list-style-type: none"> <li>⊕ NURSE CALL CONTROLLER</li> <li>⊕ MASTER STATION</li> <li>⊕ EMERGENCY PULL STATION</li> <li>⊕ EMERGENCY PUSH STATION</li> <li>⊕ CODE BLUE STATION</li> <li>⊕ PENDENT INTERFACE</li> <li>⊕ BED / LIGHT INTERFACE</li> <li>⊕ SINGLE BED STATION</li> <li>⊕ DUAL BED STATION</li> <li>⊕ DOME LIGHT</li> <li>⊕ STAFF REGISTER STATION</li> <li>⊕ STAFF STATION</li> <li>⊕ DUTY STATION</li> </ul> <p><b>DESIGNATIONS</b></p> <ul style="list-style-type: none"> <li>⊕ DEMOLITION NOTE</li> <li>⊕ PLAN NOTE</li> <li>⊕ ADDENDUM NOTE</li> </ul>	<p><b>FIXTURES</b></p> <ul style="list-style-type: none"> <li>⊕ LIGHT FIXTURE</li> <li>⊕ STRIP FIXTURE</li> <li>⊕ EMERGENCY LIGHT FIXTURE</li> <li>⊕ IN-GRADE LIGHT FIXTURE</li> <li>⊕ SPOTLIGHT (number of heads shown)</li> <li>⊕ EXIT SIGN (face &amp; direction as shown)</li> <li>⊕ WALL MOUNT LIGHT FIXTURE</li> <li>⊕ CEILING LIGHT FIXTURE</li> <li>⊕ TRACK &amp; FIXTURE</li> <li>⊕ STREET TYPE POLE FIXTURE</li> <li>⊕ POLE MOUNTED LIGHT FIXTURE</li> <li>⊕ EXTERIOR WALL MOUNT LIGHT FIXTURE</li> <li>⊕ WALLPACK LIGHT FIXTURE</li> <li>⊕ SPECIAL PURPOSE LIGHT FIXTURE</li> <li>⊕ HIGH BAY LIGHT FIXTURE</li> <li>⊕ EMERGENCY EGRESS LIGHT FIXTURE (number of heads shown)</li> <li>⊕ DOCK LIGHT FIXTURE</li> </ul> <p><b>CIRCUITRY and RACEWAYS</b></p> <ul style="list-style-type: none"> <li>— CONDUIT INSTALLED (by E.C.)</li> <li>--- CONDUIT INSTALLED (by others)</li> <li>— CONDUIT STUB UP</li> <li>— CONDUIT STUB DOWN</li> <li>— HOME RUN (with circuit numbers)</li> <li>— END OF CONDUIT RUN</li> <li>— END OF CONDUIT RUN, CAP AND STAKE</li> <li>— "CONDUIT RUN CONTINUES" INDICATION</li> <li>--- FLEXIBLE PIGTAILS/CONNECTIONS</li> <li>— WM— WIREMOLD AS SPECIFIED</li> <li>— PM— PLUGMOLD AS SPECIFIED</li> <li>— BD— BUS DUCT</li> <li>— UFD— UNDERFLOOR DUCT</li> </ul> <p><b>SOUND and SIGNAL</b></p> <ul style="list-style-type: none"> <li>⊕ SPEAKER</li> <li>⊕ WALL MOUNTED SPEAKER</li> <li>⊕ WALL MOUNTED SPEAKER / CLOCK COMBO</li> <li>⊕ SINGLE FACE CLOCK</li> <li>⊕ DUAL FACE CLOCK</li> <li>⊕ VIDEO INPUT</li> <li>⊕ AUDIO / VIDEO INPUT</li> <li>⊕ BELL</li> <li>⊕ VOLUME CONTROL</li> <li>⊕ BUZZER</li> <li>⊕ CHIME</li> <li>⊕ TELEVISION OUTLET</li> <li>⊕ MICROPHONE OUTLET</li> <li>⊕ INTERCOM OUTLET</li> <li>⊕ CAMERA</li> <li>⊕ DOOR CONTACT</li> <li>⊕ MOTION DETECTOR</li> <li>⊕ BEAM DETECTOR</li> <li>⊕ KEY PAD</li> <li>⊕ SECURITY SYSTEM CONTROL PANEL</li> <li>⊕ CCTV CONTROL PANEL</li> <li>⊕ CARD READER</li> <li>⊕ STUDENT STATION</li> <li>⊕ ADMINISTRATION STATION</li> <li>⊕ TEACHER STATION</li> <li>⊕ GLASS BREAK</li> </ul>	<p><b>SERVICE and EQUIPMENT</b></p> <ul style="list-style-type: none"> <li>⊕ TRANSIENT VOLTAGE SURGE SUPPRESSION</li> <li>⊕ VARIABLE FREQUENCY DRIVE</li> <li>⊕ TRANSFORMER</li> <li>⊕ FUSED DISCONNECT SWITCH</li> <li>⊕ MAGNETIC STARTER</li> <li>⊕ COMB. STARTER</li> <li>⊕ PANELBOARD, SURFACE MOUNTED</li> <li>⊕ PANELBOARD, FLUSH MOUNTED</li> <li>⊕ WEATHERHEAD</li> <li>⊕ UTILITY METER, AS REQUIRED</li> <li>⊕ DIGITAL EQUIPMENT METER, AS REQUIRED</li> <li>⊕ CURRENT TRANSFORMERS</li> <li>⊕ GENERATOR, KW SHOWN</li> <li>⊕ TELEPHONE TERMINAL BOARD</li> <li>⊕ GROUND CONNECTION PER N.E.C.</li> <li>⊕ WIREWAY</li> <li>⊕ TRANSFER SWITCH</li> <li>⊕ ENCLOSED CIRCUIT BREAKER</li> <li>⊕ CAPACITOR</li> </ul> <p><b>CONTROL</b></p> <ul style="list-style-type: none"> <li>⊕ THERMOSTAT</li> <li>⊕ HUMIDISTAT</li> <li>⊕ PHOTOCELL (voltage as required)</li> <li>⊕ TIME CLOCK (24 hour U.O.N.)</li> <li>⊕ PUSHBUTTON STATION (number of buttons indicated)</li> <li>⊕ CONTROL TRANSFORMER</li> <li>⊕ LIGHTING CONTACTOR</li> <li>⊕ IRRIGATION CONTROLLER (120 volt xxVA connection by x/C)</li> </ul> <p>⊕ WALL MOUNT DUAL TECHNOLOGY SENSOR</p> <p>⊕ OCCUPANCY SENSOR / PHOTOCELL</p> <p>⊕ ULTRASONIC SENSOR - 360° - 2 CIRCUIT</p> <p>⊕ DUAL TECHNOLOGY SENSOR - 360° - 1000 SQ FT</p> <p>⊕ DUAL TECHNOLOGY SENSOR - 360° - 500 SQ FT</p> <p>⊕ SWITCH STYLE OCCUPANCY SENSOR</p> <p>⊕ POWER PACK</p> <p>⊕ DIGITAL TIME SWITCH</p> <p><b>FIRE ALARM</b></p> <ul style="list-style-type: none"> <li>⊕ SMOKE DETECTOR</li> <li>⊕ HEAT DETECTOR</li> <li>⊕ DUCT SMOKE DETECTOR</li> <li>⊕ DUCT SMOKE DETECTOR</li> <li>⊕ HORN</li> <li>⊕ HORN &amp; LIGHT</li> <li>⊕ SPEAKER</li> <li>⊕ SPEAKER &amp; LIGHT</li> <li>⊕ PULL STATION</li> <li>⊕ FIRE ALARM CONTROL PANEL</li> <li>⊕ ANNUNCIATOR PANEL</li> <li>⊕ END OF LINE DEVICE</li> <li>⊕ REMOTE INDICATING LIGHT, WALL MTD.</li> <li>⊕ REMOTE INDICATING LIGHT, CLG. MTD.</li> <li>⊕ MAGNETIC DOOR HOLDER</li> <li>⊕ FIREFIGHTER COMMUNICATION JACK</li> <li>⊕ FLOW SWITCH (furnished by FP/C)</li> <li>⊕ TAMPER SWITCH (furnished by FP/C)</li> <li>⊕ VISUAL ONLY UNIT</li> <li>⊕ FIRE CONTROL POWER SUPPLY</li> <li>⊕ MONITOR MODULE</li> <li>⊕ CONTROL MODULE</li> <li>⊕ CARBON MONOXIDE DETECTOR</li> </ul>
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**GENERAL ELECTRICAL NOTES**

1. ALL WALL AND FLOOR PENETRATIONS ARE TO BE SEALED TO MAINTAIN ORIGINAL RATING.
2. ALL CONDUITS TO BE FIELD ROUTED ALONG EXISTING PIPING AND STRUCTURAL STEEL.
3. THE DIVISION 26 CONTRACTORS SHALL VISIT THE PROJECT AND DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED BEFORE BIDDING THE PROJECT.
4. REMOVE ALL EXISTING OBSOLETE EXPOSED CONDUIT, WIRE AND UNUSED EQUIPMENT WHERE WORK IS BEING DONE EXCEPT ITEMS NOTED OTHERWISE.
5. WHERE BUILDING SURFACES ARE DAMAGED BY THE REMOVAL OF OLD WORK, SURFACES SHALL BE PATCHED TO MATCH ADJACENT.
6. EXISTING WORK WHICH IS PRESENTLY CONCEALED AND WHICH WILL REMAIN CONCEALED AND DOES NOT INTERFERE WITH ANY NEW WORK OF ANY TRADE NEED NOT BE REMOVED. HOWEVER, ALL CONDUIT SHALL BE CAPPED BELOW FINISH SURFACE AND THEN PATCHED TO MATCH, OR AS NOTED.
7. EXISTING OPENINGS, WHICH ARE TO BE REUSED, SHALL BE MODIFIED OR ENLARGED TO SUIT THE NEW SYSTEMS AS REQUIRED. PROVIDE ALL REQUIRED CUTTING AND PATCHING.
8. IF ASBESTOS IS PRESENT, IT WILL BE REMOVED OR RENDERED HARMLESS UNDER SEPARATE CONTRACT BY THE OWNER.
9. THE DIVISION 26 CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING THE EXISTING WALLS TO MATCH THE ADJACENT SURFACES BEHIND ALL SURFACE MOUNTED EQUIPMENT.
10. CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT VOLTAGES AND LOADS PRIOR TO INSTALLING SERVICE TO EQUIPMENT.
11. DRAWINGS ARE BASED ON EXISTING RECORD DOCUMENT AND CASUAL FIELD OBSERVATION. REPORT ANY DISCREPANCIES TO ENGINEER FOR CLARIFICATION.

**ABBREVIATIONS LEGEND**

<p>A AMPS</p> <p>AC ABOVE COUNTER</p> <p>ACU- AIR CONDITIONING UNIT</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>AHJ AUTHORITY HAVING JURISDICTION</p> <p>AHU- AIR HANDLING UNIT</p> <p>AIC AMPS INTERRUPTING CAPACITY</p> <p>AS ABOVE SHELF</p> <p>ATS AUTOMATIC TRANSFER SWITCH</p> <p>B- BOILER</p> <p>BC BELOW COUNTER</p> <p>BLDG BUILDING</p> <p>CHLR- CHILLER</p> <p>CND (C) CONDUIT</p> <p>CKT CIRCUIT</p> <p>CKT BKR CIRCUIT BREAKER</p> <p>CT- COOLING TOWER</p> <p>CU- CONDENSING UNIT</p> <p>CUH- CABINET UNIT HEATER</p> <p>DFU- DUCT FURNACE</p> <p>DISC DISCONNECT</p> <p>DWG DRAWING</p> <p>DWH- DOMESTIC WATER HEATER</p> <p>EBB- ELECTRIC BASEBOARD</p> <p>EC ELECTRICAL CONTRACTOR</p> <p>EF- EXHAUST FAN</p> <p>EM EMERGENCY</p> <p>EMT ELECTRICAL METALLIC TUBING</p> <p>EWC ELECTRIC WATER COOLER</p> <p>EXIST./EX. EXISTING</p> <p>FLA FULL LOAD AMPS</p> <p>FLEX FLEXIBLE CONDUIT</p> <p>FLR FLOOR</p> <p>FLUOR FLUORESCENT</p> <p>FSES FOOD SERVICE EQUIP. SUPPLIER</p> <p>F/S FIRE/SMOKE</p> <p>FU- FURNACE</p>	<p>GC GENERAL CONTRACTOR</p> <p>GFI GROUND FAULT INTERRUPTER</p> <p>GND GROUND</p> <p>H- HUMIDIFIER</p> <p>HID HIGH INTENSITY DISCHARGE</p> <p>HOA HAND-OFF-AUTO SELECTOR SWITCH</p> <p>HP HORSEPOWER</p> <p>HR HOUR</p> <p>HVAC HEATING/VENTILATING/AIR CONDITIONING</p> <p>IG ISOLATED GROUND</p> <p>IMC INTERMEDIATE METAL CONDUIT</p> <p>JB JUNCTION BOX</p> <p>LC LIGHT CONTROL</p> <p>LT LIGHT</p> <p>LTG LIGHTING</p> <p>LT FLEX LIQUID TIGHT FLEXIBLE METAL CONDUIT</p> <p>MAX MAXIMUM</p> <p>MC MECHANICAL CONTRACTOR</p> <p>MCC MOTOR CONTROL CENTER</p> <p>MIN MINIMUM</p> <p>MLO MAIN LUG ONLY</p> <p>MT MOUNT</p> <p>MTD MOUNTED</p> <p>MTG MOUNTING</p> <p>MUAU- MAKE-UP AIR UNIT</p> <p>NC NORMALLY CLOSED</p> <p>NIC NOT IN CONTRACT</p> <p>NL NIGHT LIGHT</p> <p>NO NORMALLY OPEN</p> <p>NTS NOT TO SCALE</p>	<p>P POLE</p> <p>P- PUMP</p> <p>PB PULL BOX</p> <p>PNL PANEL</p> <p>PRV- POWER ROOF VENTILATOR</p> <p>PVC POLY VINYL CHLORIDE</p> <p>PWR POWER</p> <p>RECEPT RECEPTACLE</p> <p>RGC RIGID GALVANIZED STEEL CONDUIT</p> <p>RTU- ROOF TOP UNIT</p> <p>SF- SUPPLY FAN</p> <p>SPEC SPECIFICATIONS</p> <p>SW SWITCH</p> <p>SWBD SWITCHBOARD</p> <p>TCC TEMPERATURE CONTROL CONTRACTOR</p> <p>TR TAMPER PROOF RECEPTACLE</p> <p>TS TAMPER PROOF SWITCH</p> <p>TYP TYPICAL</p> <p>UF UNDER FLOOR</p> <p>UH- UNIT HEATER</p> <p>UL UNDERWRITERS' LABORATORIES, INC.</p> <p>UNO UNLESS NOTED OTHERWISE</p> <p>V VOLTS</p> <p>VL VERIFY LOCATION WITH OWNER</p> <p>W WATTS</p> <p>W/ WITH</p> <p>W/O WITHOUT</p> <p>WP WEATHER PROOF</p> <p>XFMR TRANSFORMER</p>
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**LIGHTING FIXTURE SCHEDULE**

TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION AND COMMENTS	DIMMING INFO	FIXTURE MOUNTING HEIGHT	DRIVER
LA	LITHONIA H.E. WILLIAMS	FEM-L48-4000LM-LPAPFL-40K-80CRI 96-4-L40-8-40-HIAFR	4' LONG LED VAPOR TITE FIXTURE WITH IMPACT RESISTANT POLYCARBONATE HOUSING, AND DIFFUSE POLYCARBONATE LENS.	0-10V	HORIZONTAL WALL	4000 LUMENS, 30 W, 4000K, LED
LB	LITHONIA H.E. WILLIAMS	FEM-L48-4000LM-LPAPFL-40K-80CRI 96-4-L40-8-40-HIAFR	4' LONG LED VAPOR TITE FIXTURE WITH IMPACT RESISTANT POLYCARBONATE HOUSING, AND DIFFUSE POLYCARBONATE LENS.	0-10V	CEILING OR CHAIN HUNG	4000 LUMENS, 30 W, 4000K, LED
LC	LITHONIA H.E. WILLIAMS	FEM-L96-4000LM-LPAPFL-40K-80CRI 96-4-L40-8-40-HIAFR	8' LONG LED VAPOR TITE FIXTURE WITH IMPACT RESISTANT POLYCARBONATE HOUSING, AND DIFFUSE POLYCARBONATE LENS.	0-10V	CEILING OR CHAIN HUNG	4000 LUMENS, 30 W, 4000K, LED



**MSP HEADQUARTERS  
UPGRADE ELEVATORS**  
7160 Harris Dr,  
Dimondale, MI 48821

**ELECTRICAL SYMBOLS,  
ABBREVIATIONS, AND  
NOTES**

**HOBBS + BLACK  
ARCHITECTS**  
11717 Arbor Road  
Farmington Hills, MI 48334  
www.hobbs-black.com

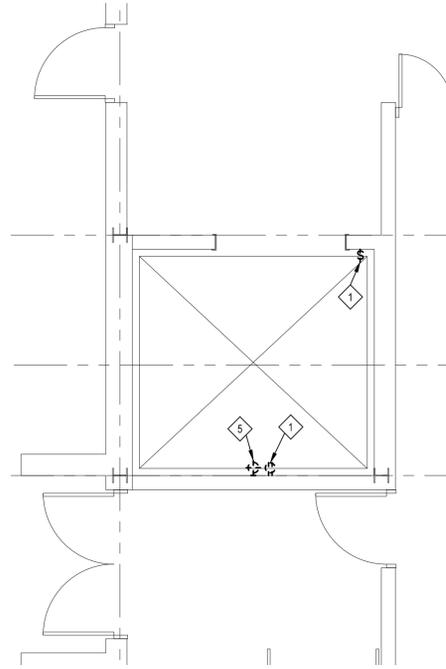
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DRAWN TRB  
CHECKED JFS  
APPROVED -

ISSUED FOR DATE  
50% PROGRESS SET 11/26/2025  
ISSUED FOR BIDS 02/09/2026

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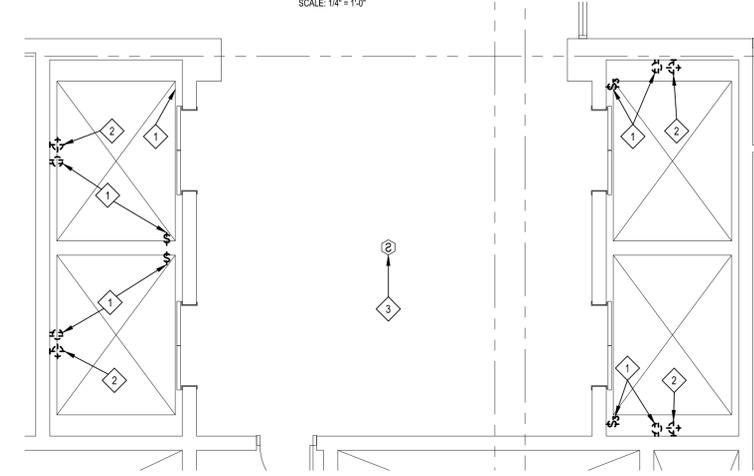
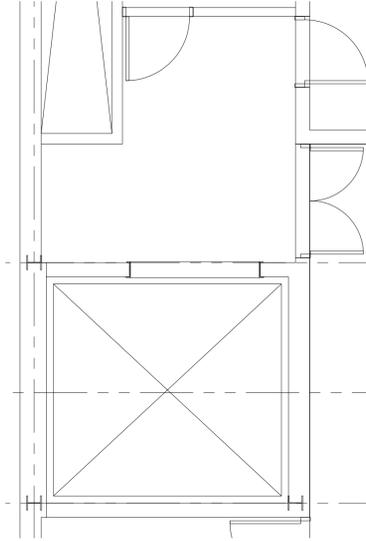
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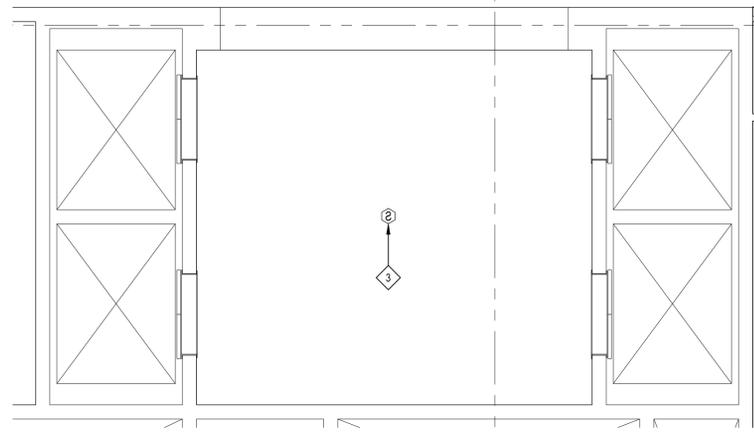


PARTIAL GROUND FLOOR PLAN  
 SERVICE ELEVATOR  
 ELECTRICAL DEMOLITION  
 SCALE: 1/4" = 1'-0"

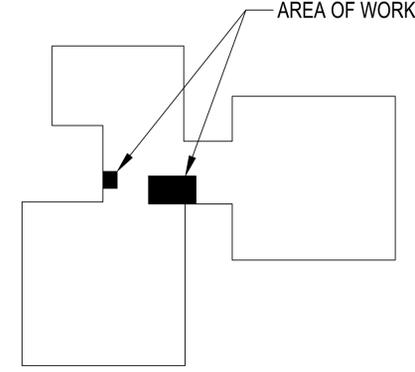
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 SERVICE ELEVATOR  
 ELECTRICAL DEMOLITION  
 SCALE: 1/4" = 1'-0"



PARTIAL GROUND FLOOR PLAN  
 PASSENGER ELEVATORS  
 ELECTRICAL DEMOLITION  
 SCALE: 1/4" = 1'-0"



PARTIAL SECOND FLOOR PLAN  
 PASSENGER ELEVATORS  
 ELECTRICAL DEMOLITION  
 SCALE: 1/4" = 1'-0"



KEY PLAN  
 NTS

DEMOLITION NOTES

- 1 DISCONNECT & REMOVE EXISTING DEVICE. REMOVE ASSOCIATED CONDUIT & WIRE.
- 2 DISCONNECT & REMOVE EXISTING LIGHT FIXTURE. REMOVE ASSOCIATED CONDUIT & WIRE.
- 3 EXISTING BUILDING SMOKE DETECTOR TO REMAIN.



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STATE OF MICHIGAN  
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 DESIGN AND CONSTRUCTION DIVISION  
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**MSP HEADQUARTERS  
 UPGRADE ELEVATORS**  
 7160 Harris Dr.  
 Dimondale, MI 48821

**PARTIAL BASEMENT, FIRST  
 AND SECOND FLOOR PLANS  
 ELECTRICAL DEMOLITION**

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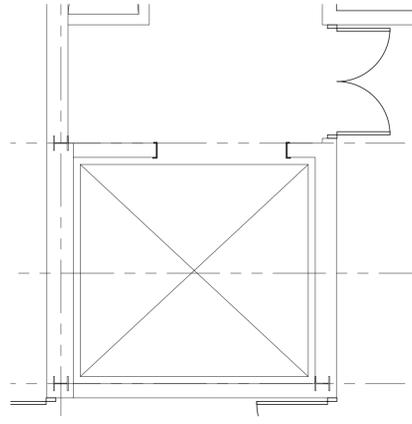
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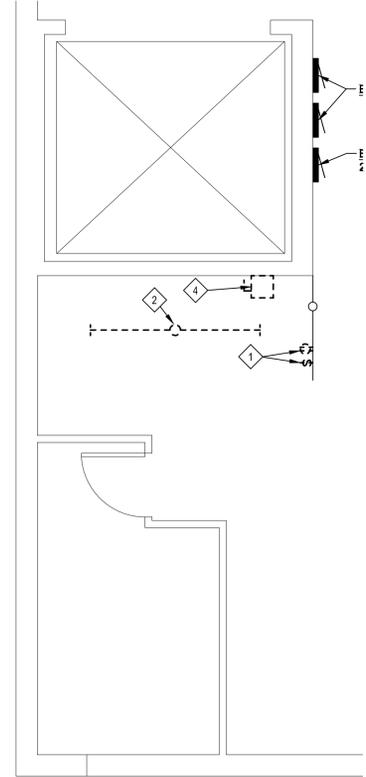
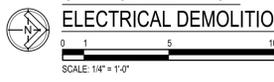
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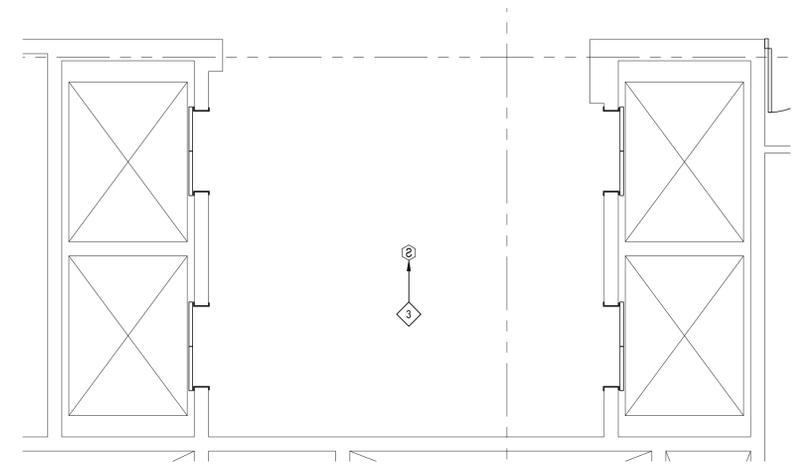
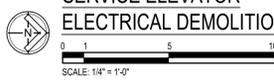
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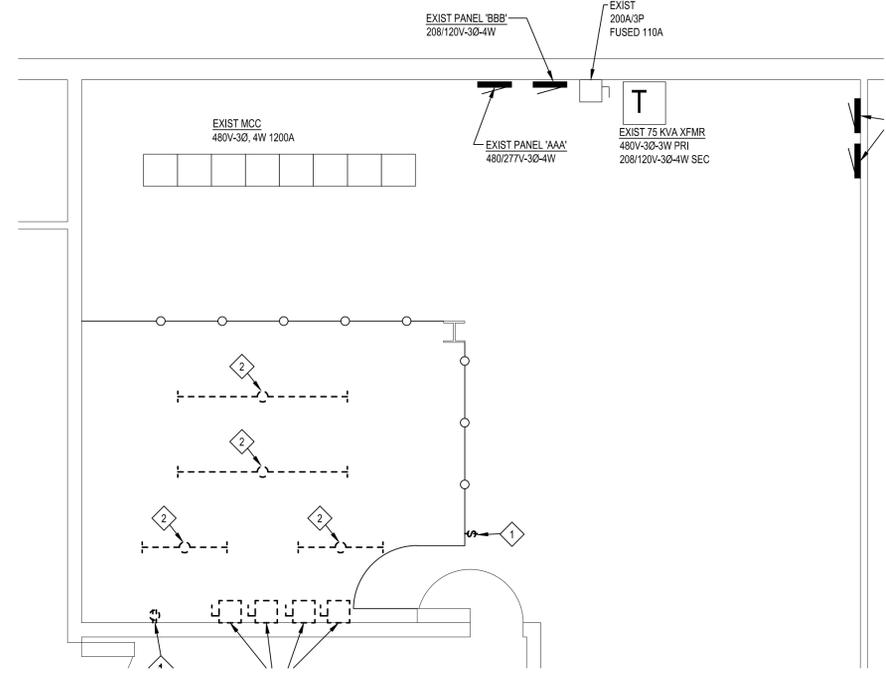
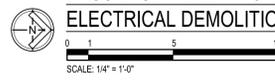
**PARTIAL THIRD FLOOR PLAN  
 SERVICE ELEVATOR  
 ELECTRICAL DEMOLITION**



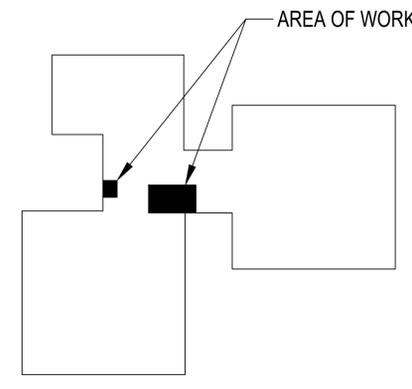
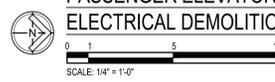
**PARTIAL FOURTH FLOOR PLAN  
 SERVICE ELEVATOR  
 ELECTRICAL DEMOLITION**



**PARTIAL THIRD FLOOR PLAN  
 PASSENGER ELEVATORS  
 ELECTRICAL DEMOLITION**



**PARTIAL FOURTH FLOOR PLAN  
 PASSENGER ELEVATORS  
 ELECTRICAL DEMOLITION**



**KEY PLAN**  
 NTS

**DEMOLITION NOTES**

- 1 DISCONNECT & REMOVE EXISTING DEVICE. REMOVE ASSOCIATED CONDUIT & WIRE.
- 2 DISCONNECT & REMOVE EXISTING LIGHT FIXTURE. REMOVE ASSOCIATED CONDUIT & WIRE.
- 3 EXISTING BUILDING SMOKE DETECTOR TO REMAIN.
- 4 REMOVE EXISTING DISCONNECT SWITCH. REMOVE ASSOCIATED CONDUIT & WIRE.

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 ARCHITECTS**  
 11717 Arbor Lane  
 Farmington Hills, MI 48334  
 www.hobbs-black.com

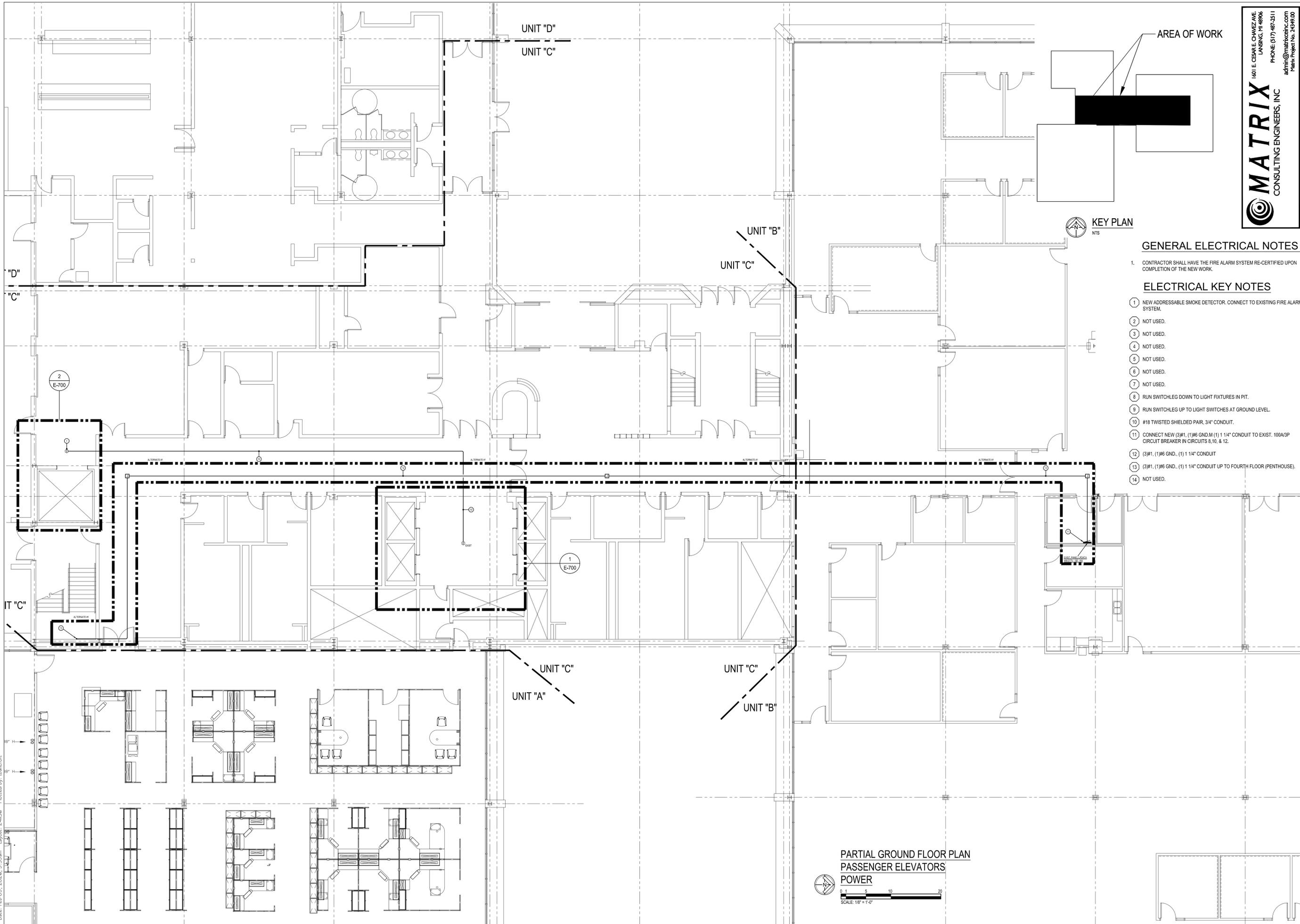
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DRAWN	TRB
CHECKED	JFS
APPROVED	

ISSUED FOR	DATE
50% PROGRESS SET	11/26/2025
ISSUED FOR BIDS	02/09/2026

IDENTIFICATION NO.	FILE NUMBER: 171724099.TYC
	STATE INDEX NUMBER: Y 24380

**SHEET  
 E-301**

Drawing: S:\Projects\2024\2434900 - SOM MSP Headquarters Elevator Upgrade\Drawings\ME\500-2434900.dwg  
 Date: Feb 09, 2024, 9:59 am Layout: 24343c Plotted by: hbancroft



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 PHONE: (313) 487-2511  
 admin@matrixinc.com  
 Matrix Project No. 2434900

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 PROCUREMENT AND REAL ESTATE SERVICES ADMINISTRATION  
 DESIGN AND CONSTRUCTION DIVISION  
 ADAM P. LACH, RA, DIRECTOR

**MSP HEADQUARTERS  
 UPGRADE ELEVATORS**  
 7160 Harris Dr,  
 Dimondale, MI 48821

**ELECTRICAL  
 FIRST FLOOR PLAN  
 POWER**

**HOBBS + BLACK  
 ARCHITECTS**  
 1777 Grand River Ave.  
 Grand Rapids, MI 49503  
 www.hobbs-black.com  
 H+B No. 24-316

DESIGNED	TRB
DRAWN	TRB
CHECKED	JFS
APPROVED	

ISSUED FOR	DATE
50% PROGRESS SET	11/26/2023
ISSUED FOR BIDS	02/09/2024

SHEET	IDENTIFICATION NO.
E-500	171724099.TYC
	STATE INDEX NUMBER: Y 24380



**GENERAL ELECTRICAL NOTES**

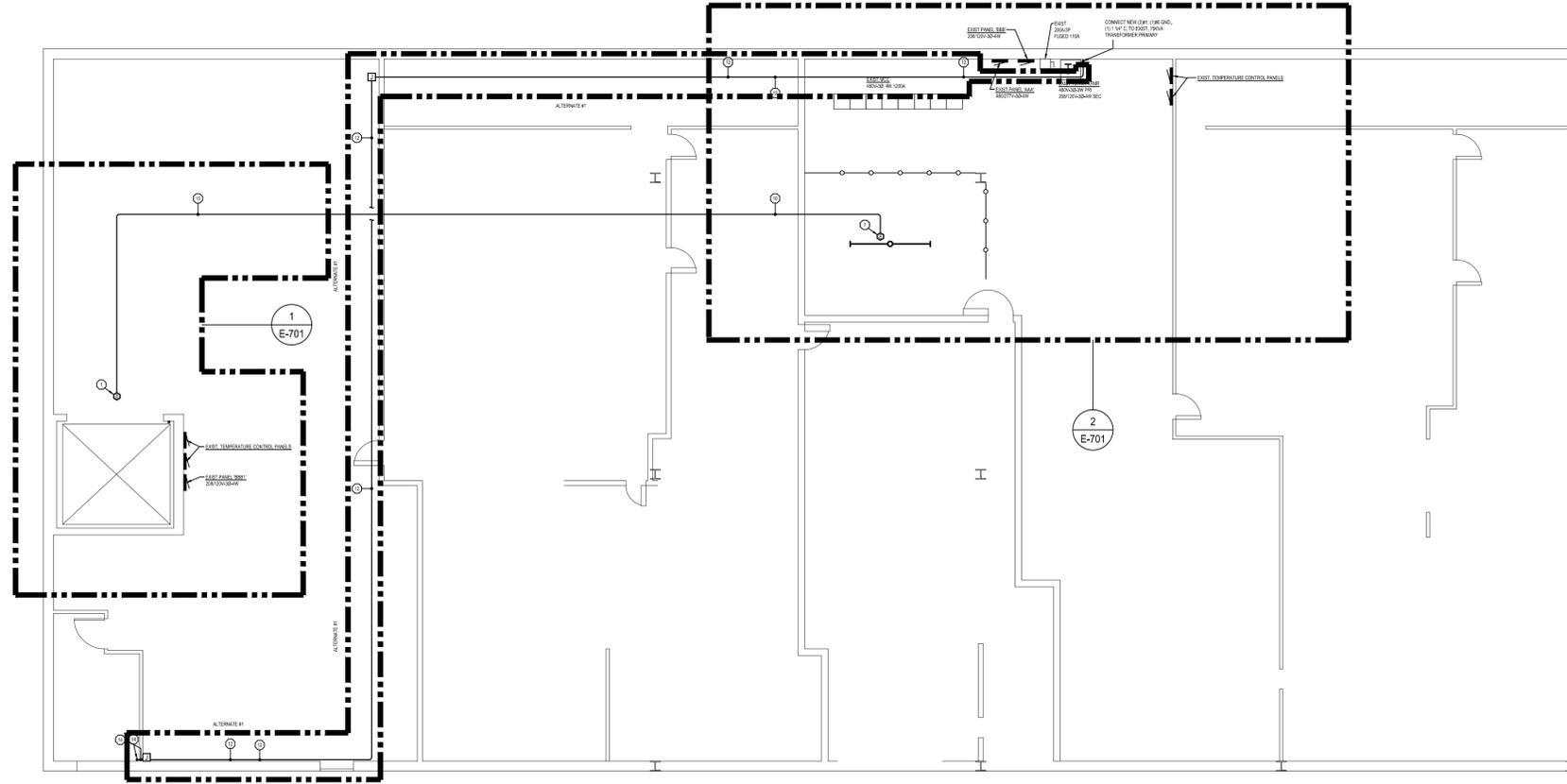
- CONTRACTOR SHALL HAVE THE FIRE ALARM SYSTEM RE-CERTIFIED UPON COMPLETION OF THE NEW WORK.

**ELECTRICAL KEY NOTES**

- NEW ADDRESSABLE SMOKE DETECTOR. CONNECT TO EXISTING FIRE ALARM SYSTEM.
- NOT USED.
- RUN SWITCHLEG DOWN TO LIGHT FIXTURES IN PIT.
- RUN SWITCHLEG UP TO LIGHT SWITCHES AT GROUND LEVEL.
- #18 TWISTED SHIELDED PAIR, 3/4" CONDUIT.
- CONNECT NEW (3)#1, (1)#6 GND.M (1) 1 1/4" CONDUIT TO EXIST. 100A/3P CIRCUIT BREAKER IN CIRCUITS 8, 10, & 12.
- (3)#1, (1)#6 GND., (1) 1 1/4" CONDUIT
- (3)#1, (1)#6 GND., (1) 1 1/4" CONDUIT UP TO FOURTH FLOOR (PENTHOUSE).
- NOT USED.

**PARTIAL GROUND FLOOR PLAN  
 PASSENGER ELEVATORS  
 POWER**

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



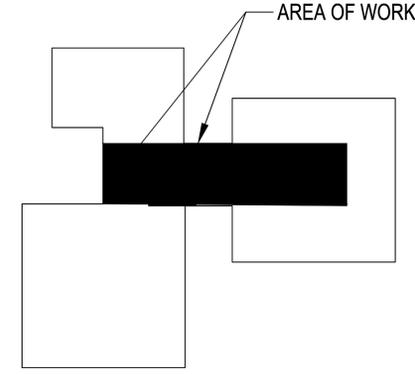
**PARTIAL FOURTH FLOOR PLAN  
 POWER**  
 SCALE: 1/8" = 1'-0"

**GENERAL ELECTRICAL NOTES**

- CONTRACTOR SHALL HAVE THE FIRE ALARM SYSTEM RE-CERTIFIED UPON COMPLETION OF THE NEW WORK.

**ELECTRICAL KEY NOTES**

- NEW ADDRESSABLE SMOKE DETECTOR. CONNECT TO EXISTING FIRE ALARM SYSTEM.
- NEW FIRE ALARM ADDRESSABLE RELAY. SEE FIRE ALARM MATRIX THIS SHEET.
- NEW 100A/3P HEAVY DUTY DISCONNECT SWITCH FUSED AT 80A. PROVIDE AUX. CONTACT TO INDICATE SWITCH HANDLE POSITION.
- NEW 60A/3P HEAVY DUTY DISCONNECT SWITCH FUSED AT 60A. PROVIDE AUX. CONTACT TO INDICATE SWITCH HANDLE POSITION.
- NEW 30A/2P HEAVY DUTY DISCONNECT SWITCH FUSED AT 20A FOR ELEVATOR CAB LIGHTS.
- CONNECT TO EXISTING 100A/3P CIRCUIT BREAKER WITH (3) #3, (1) #3 GND., (1) 1-1/4" CND.
- CONNECT TO EXISTING 80A/3P CIRCUIT BREAKER WITH (3) #4, (1) #4 GND., (1) 1" CND.
- NOT USED.
- NOT USED.
- # 18 TWISTED SHIELDED PAIR, 3/4" CONDUIT.
- NOT USED.
- (3)#1, (1)#6 GND, (1) 1 1/4" CONDUIT.
- NOT USED.
- (3)#1, (1)#6 GND, (1) 1 1/4" CND. DOWN TO FIRST FLOOR.



**KEY PLAN**  
 NTS



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**MSP HEADQUARTERS  
 UPGRADE ELEVATORS**  
 7160 Harris Dr,  
 Dimondale, MI 48821

**ELECTRICAL  
 PARTIAL THIRD AND FOURTH  
 FLOOR PLANS  
 POWER**

**HOBBS + BLACK  
 ARCHITECTS**  
 117 E. Grand River  
 Ann Arbor, MI 48106  
 www.hobbs-black.com

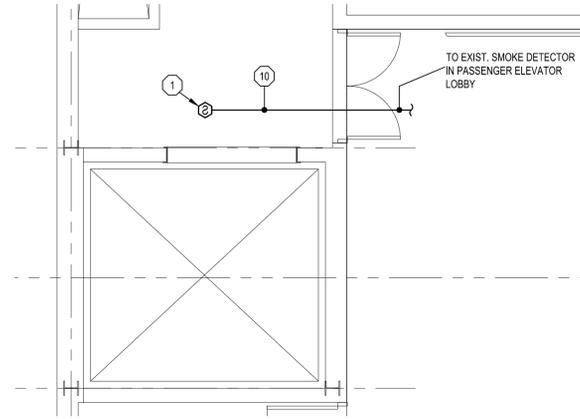
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 DRAWN TRB  
 CHECKED JFS  
 APPROVED .

ISSUED FOR	DATE
50% PROGRESS SET	11/26/2025
ISSUED FOR BIDS	02/09/2026

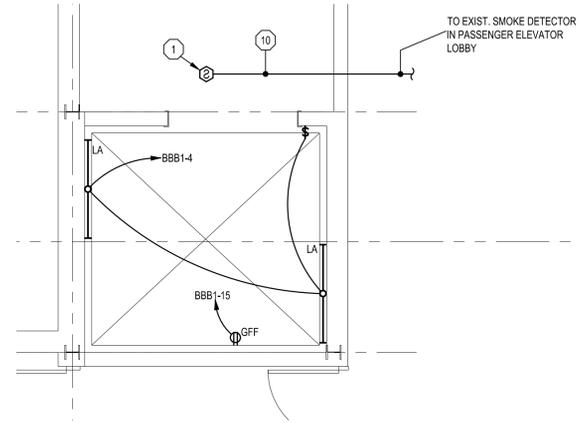
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 FILE NUMBER: 171724099.TYC  
 STATE INDEX NUMBER: Y 24380

SHEET  
**E-501**

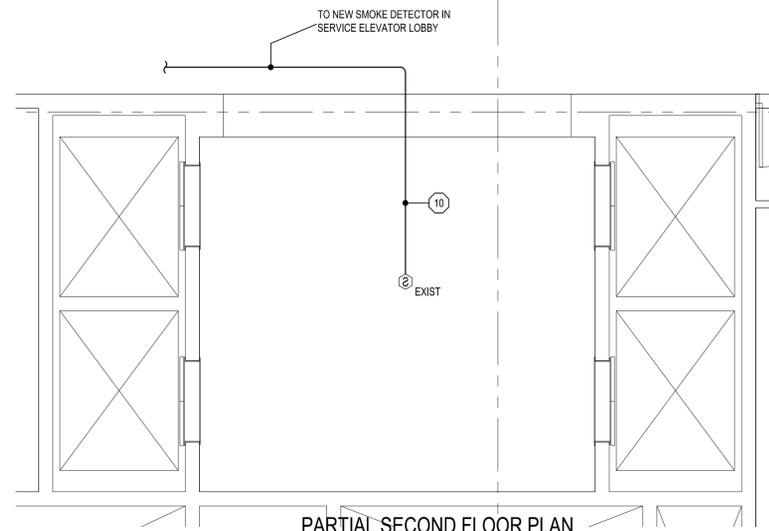
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 Date: Feb 09, 2025, 10:03am Layout: 2434900 Plotted by: bbarcroft



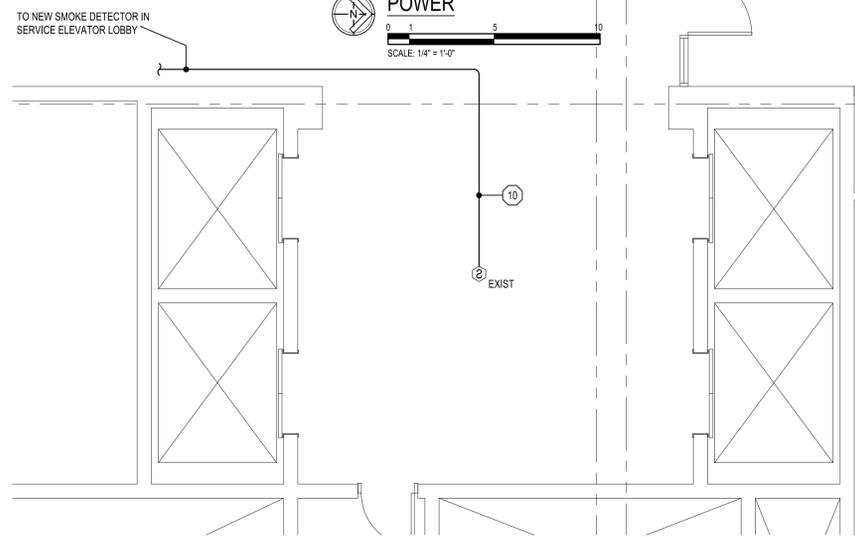
**PARTIAL SECOND FLOOR PLAN  
 SERVICE ELEVATOR  
 POWER**



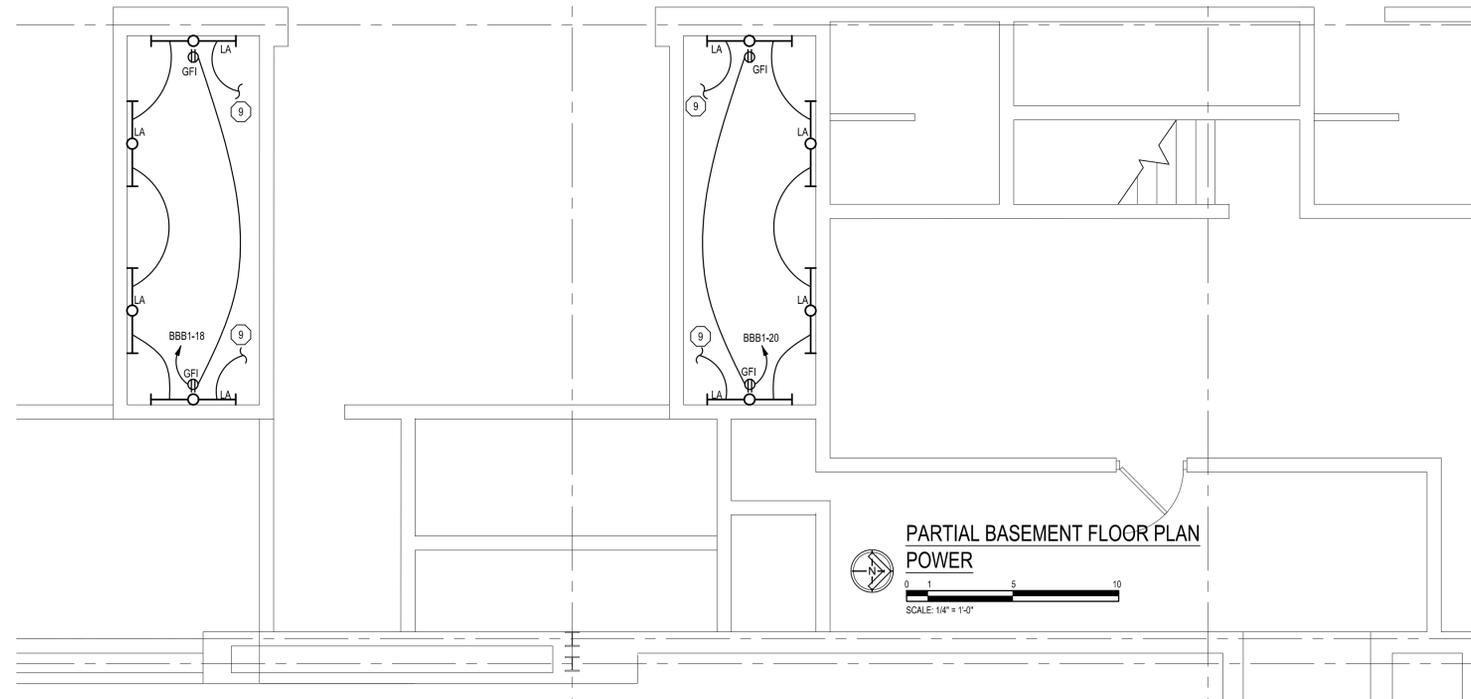
**PARTIAL GROUND FLOOR PLAN  
 SERVICE ELEVATOR  
 POWER**



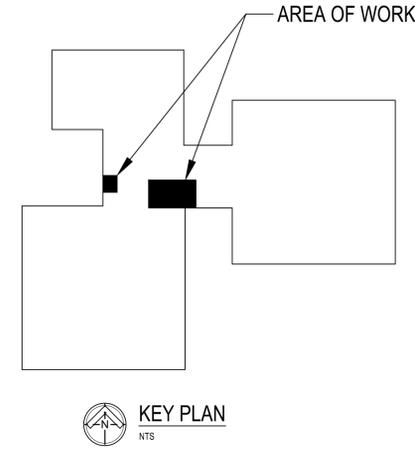
**PARTIAL SECOND FLOOR PLAN  
 PASSENGER ELEVATORS  
 POWER**



**1 PARTIAL GROUND FLOOR PLAN  
 PASSENGER ELEVATORS  
 POWER**



**PARTIAL BASEMENT FLOOR PLAN  
 POWER**



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 admin@matrixinc.com  
 Matrix Project No. 2434900

STATE OF MICHIGAN  
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 ADAM P. LACH, RA, DIRECTOR

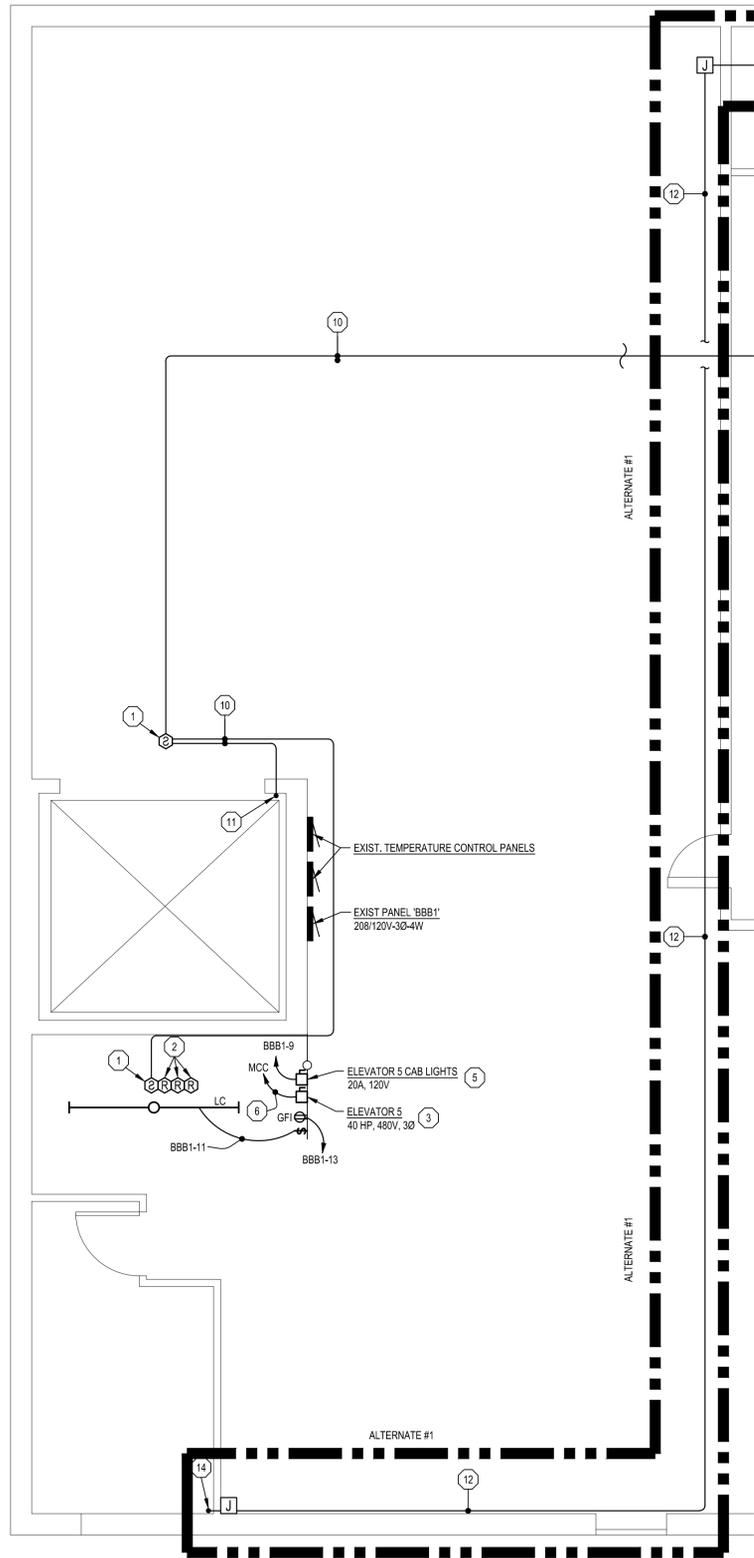
**MSP HEADQUARTERS  
 UPGRADE ELEVATORS**  
 7150 Harris Dr.  
 Dimondale, MI 48821

**ELECTRICAL  
 FIRST FLOOR PLAN  
 POWER**

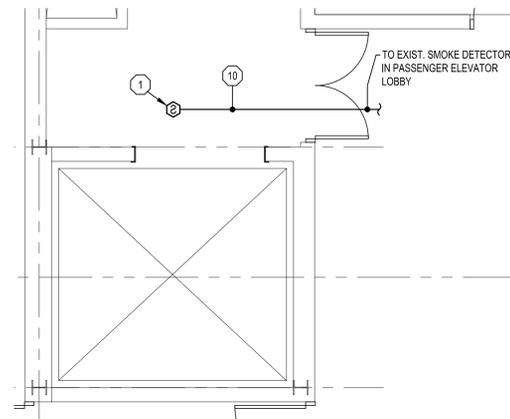
**HOBBS + BLACK  
 ARCHITECTS**  
 117 E. Grand River  
 Ann Arbor, MI 48106  
 www.hobbs-black.com

SHEET	IDENTIFICATION NO.	ISSUED FOR	DATE	DESIGNED	TRB
<b>E-700</b>	171724099.TYC STATE INDEX NUMBER: Y 24380	50% PROGRESS SET	11/26/2025	DRAWN	TRB
		ISSUED FOR BIDS	02/09/2026	CHECKED	JFS
				APPROVED	

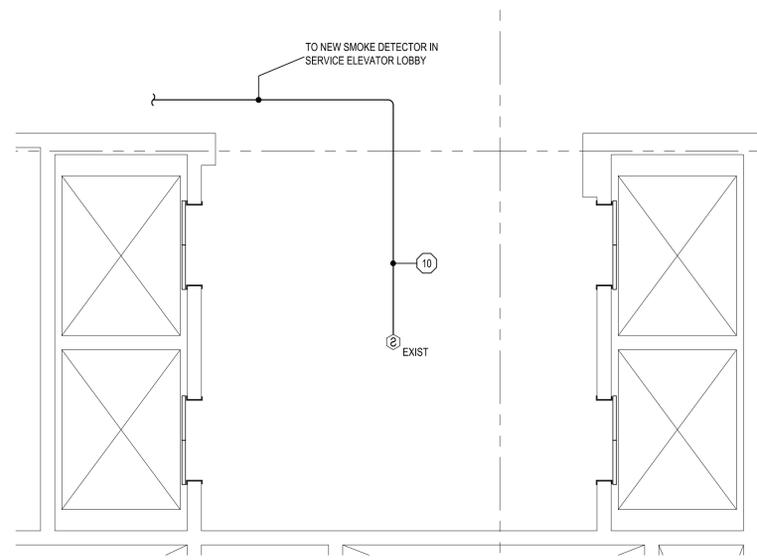
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 Date: Feb 09, 2024, 10:13am Layout: 2434900.dwg  
 Plotted by: bmcroft



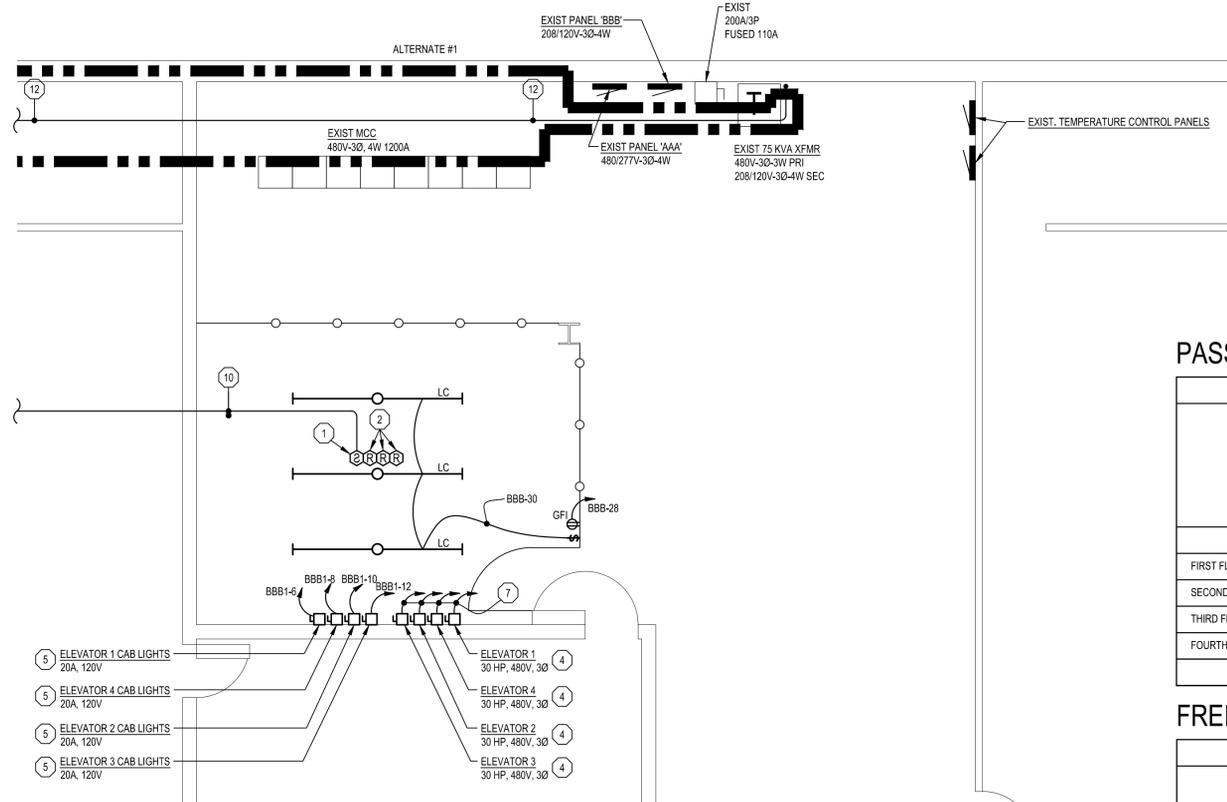
**1** PARTIAL FOURTH FLOOR PLAN  
 SERVICE ELEVATOR  
 POWER  
 SCALE: 1/4" = 1'-0"



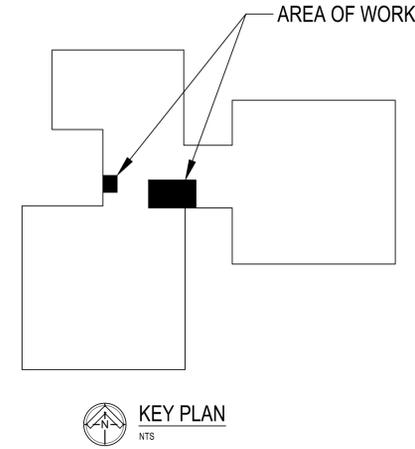
**2** PARTIAL THIRD FLOOR PLAN  
 SERVICE ELEVATOR  
 POWER  
 SCALE: 1/4" = 1'-0"



**2** PARTIAL THIRD FLOOR PLAN  
 PASSENGER ELEVATORS  
 POWER  
 SCALE: 1/4" = 1'-0"



**2** PARTIAL FOURTH FLOOR PLAN  
 PASSENGER ELEVATORS  
 POWER  
 SCALE: 1/4" = 1'-0"



**GENERAL ELECTRICAL NOTES**

- CONTRACTOR SHALL HAVE THE FIRE ALARM SYSTEM RE-CERTIFIED UPON COMPLETION OF THE NEW WORK.

**ELECTRICAL KEY NOTES**

- NEW ADDRESSABLE SMOKE DETECTOR. CONNECT TO EXISTING FIRE ALARM SYSTEM.
- NEW FIRE ALARM ADDRESSABLE RELAY. SEE FIRE ALARM MATRIX THIS SHEET.
- NEW 100A/3P HEAVY DUTY DISCONNECT SWITCH FUSED AT 80A. PROVIDE AUX. CONTACT TO INDICATE SWITCH HANDLE POSITION.
- NEW 60A/3P HEAVY DUTY DISCONNECT SWITCH FUSED AT 60A. PROVIDE AUX. CONTACT TO INDICATE SWITCH HANDLE POSITION.
- NEW 30A/2P HEAVY DUTY DISCONNECT SWITCH FUSED AT 20A FOR ELEVATOR CAB LIGHTS.
- CONNECT TO EXISTING 100A/3P CIRCUIT BREAKER WITH (3) #3, (1) #3 GND., (1) 1-1/4" CND.
- CONNECT TO EXISTING 80A/3P CIRCUIT BREAKER WITH (3) #4, (1) #4 GND., (1) 1" CND.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- (3)#1, (1)#6 GND., (1) 1 1/4" CONDUIT
- NOT USED.
- (3)#1, (1)#6 GND, (1) 1 1/4" CND. DOWN TO FIRST FLOOR.

**PASSENGER ELEVATOR RECALL - FIRE ALARM MATRIX**

SYSTEM INPUTS	SYSTEM OUTPUTS					
	R1 RELAY DESIGNATED RECALL	R2 RELAY ALTERNATE RECALL	R3 RELAY WARNING	ANNUNCIATOR RECALL STATUS	GENERAL ALARM	TRouble STATUS SUPERVISORY STATUS
FIRST FLOOR LOBBY INITIATING DEVICE		●		●	●	
SECOND FLOOR LOBBY INITIATING DEVICE	●			●	●	
THIRD FLOOR LOBBY INITIATING DEVICE	●			●	●	
FOURTH FLOOR CONTROLLER ROOM INITIATING DEVICE	●		●	●	●	

**FREIGHT ELEVATOR RECALL - FIRE ALARM MATRIX**

SYSTEM INPUTS	SYSTEM OUTPUTS					
	R1 RELAY DESIGNATED RECALL	R2 RELAY ALTERNATE RECALL	R3 RELAY WARNING	ANNUNCIATOR RECALL STATUS	GENERAL ALARM	TRouble STATUS SUPERVISORY STATUS
LOWER LEVEL LOBBY INITIATING DEVICE	●			●	●	
FIRST FLOOR LOBBY INITIATING DEVICE		●		●	●	
SECOND FLOOR LOBBY INITIATING DEVICE	●			●	●	
THIRD FLOOR LOBBY INITIATING DEVICE	●			●	●	
FOURTH FLOOR CONTROLLER ROOM INITIATING DEVICE	●		●	●	●	

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 admin@matrixinc.com  
 Matrix Project No. 2434900

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 ISSUED FOR BIDS 02/09/2026

IDENTIFICATION NO. FILE NUMBER: 171724099.TYC  
 STATE INDEX NUMBER: Y 24380  
**E-701**