



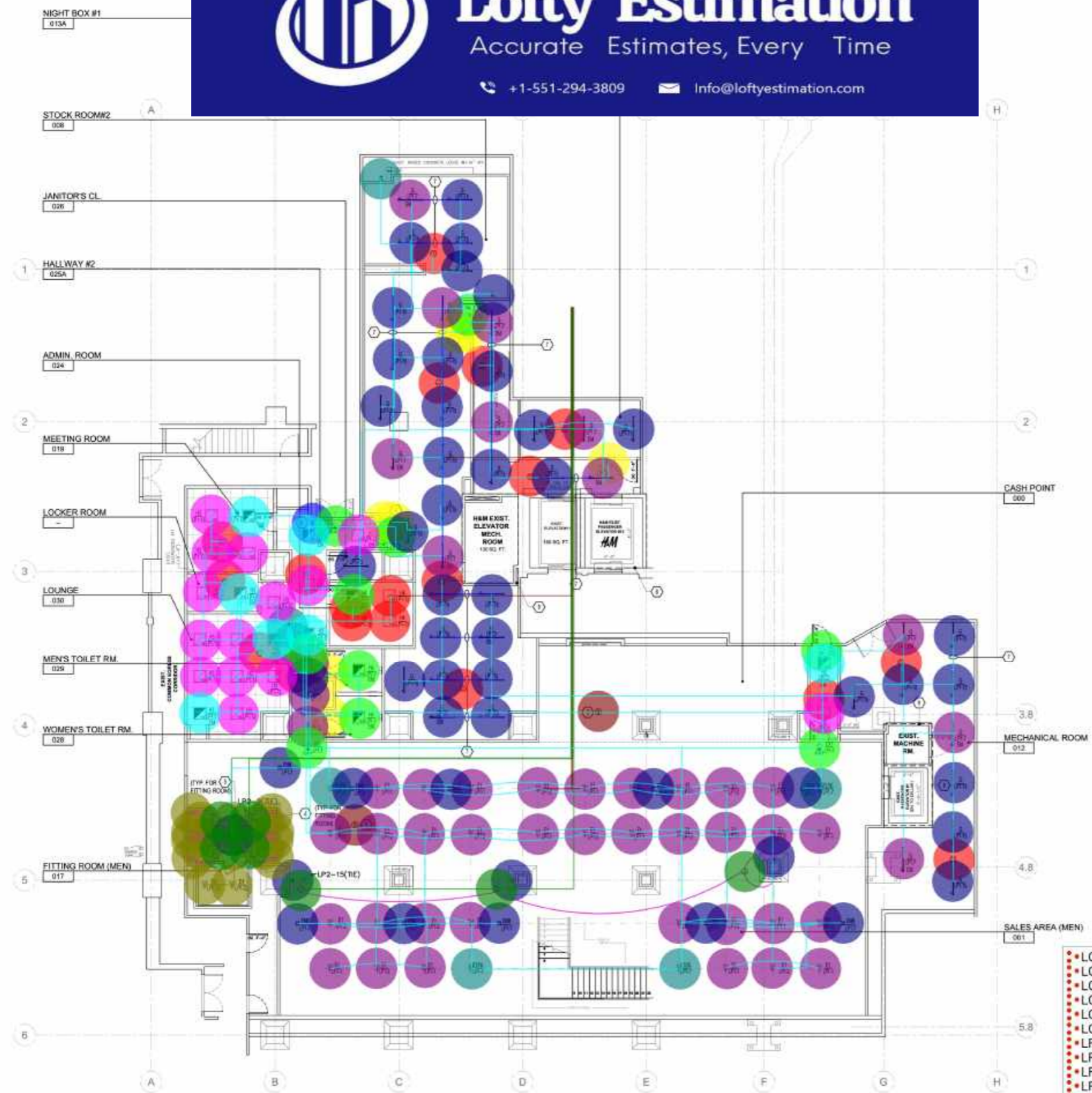
# Lofty Estimation

Accurate Estimates, Every Time

+1-551-294-3809 Info@loftyestimation.com

- KEY NOTES:**
1. NOT USED.
  2. NOT USED.
  3. LIGHTING CONTROL MOTION SENSOR FURNISHED BY EMS VENDOR, TO BE INSTALLED BY E.C. REFER TO SHEET EMS-100 FOR MORE DETAILS.
  4. FURNISH AND INSTALL A JUNCTION BOX, IN AN ACCESSIBLE LOCATION, ABOVE THE CEILING (NOT ABOVE FITTING ROOM STALL) AND PROVIDE MC CABLE FROM JUNCTION BOX TO MIRROR LIGHTING (TYPICAL OF 2 MIRROR LIGHTS IN EACH FITTING ROOM STALL). VERIFY MIRROR LOCATIONS WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN. VERIFY EXACT MOUNTING HEIGHT WITH FITTING ROOM MIRROR INSTALLER. VERIFY FINAL CONNECTIONS OF FIXTURE WITH LOCAL CODE/AHJ/MANUFACTURER.
  5. INSTALL MC CABLE FROM J-BOX TO J-BOX, CONTINUOUSLY WITHOUT INTERRUPTION BETWEEN DEVICES.
  6. SWITCH IN THIS ROOM TO BE CIRCUITED AS AN OVERRIDE SWITCH TO THE OCCUPANCY SENSOR.
  7. STRIP FIXTURES IN BOTH AREAS TO BE MOUNTED TO CONTIGUOUS UNISTRUT (FULL LENGTH) SO FIXTURES MAINTAIN PARALLEL LINES AND SAME MOUNTING HEIGHTS.
  8. EXISTING ELEVATOR LIGHTS CLEAN AND TO REMAIN, E.C. TO REPLACE ANY LIGHTS NOT FULLY FUNCTIONAL. TIE ALL LIGHTING TO HAM PANELS AS SHOWN ON E-602.
  9. EXISTING ELEVATOR MACHINE ROOM LIGHTING TO REMAIN, E.C. TO REPLACE ANY LIGHTS NOT FULLY FUNCTIONAL. TIE ALL LIGHTING TO HAM PANELS AS SHOWN ON E-602.

- GENERAL LIGHTING NOTES**
1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE LOCATIONS. COORDINATE LIGHT FIXTURE LOCATIONS WITH HVAC EQUIPMENT, DUCTS AND DIFFUSERS. LIGHT FIXTURE LOCATIONS SHALL SUPERCEDE HVAC EQUIPMENT, DUCT AND DIFFUSER LOCATIONS. NOTIFY THE ENGINEER OF ANY EXISTING CONDITIONS THAT AFFECT LIGHT FIXTURE LOCATIONS.
  2. REFER TO SHEET E-602 FOR LIGHTING CONTROL ZONES.
  3. LIGHT FIXTURES LABELED AS "EM" SHALL BE PROVIDED WITH INTEGRAL FACTORY INSTALLED EMERGENCY BALLAST/DRIVER (TYPE "G/EM" AND INTEGRAL EMERGENCY BALLAST (TYPE "H3/EM", "H4/EM").
  4. ONLY THE NORMAL BALLAST OF LIGHT FIXTURES SHALL BE CONTROLLED BY THE LIGHTING CONTROL SYSTEM OR LOCAL SWITCHING. EMERGENCY BALLASTS, EMERGENCY LIGHT FIXTURES AND EXIT SIGNS SHALL BE WIRED AHEAD OF ALL LIGHTING CONTROLS AND LOCAL SWITCHING.
  5. NIGHT LIGHTS (NL) SHALL BE WIRED AHEAD OF ALL LIGHTING CONTROLS AND LOCAL SWITCHING.
  6. ALL EXIT SIGNS ON THE SALES FLOOR TO HAVE RED LETTERING UNLESS DICTATED OTHERWISE BY CODE.
  7. ALL EXIT SIGNS IN THE SALES AREA ARE TO BE CEILING MOUNTED AND A MINIMUM OF 2 CEILING TILES AWAY FROM ANY ADJACENT LIT NAVIGATION SIGNS UNLESS DICTATED OTHERWISE BY LOCAL AHJ.



- LC: Four Way Switch
- LC: Motion Sensor (Furnished By T-Wave)
- LC: Occupancy Sensor Switch
- LC: Occupancy Sensor, Ceiling Mounted
- LC: Single Pole Switch
- LC: Three Way Switch
- LF: E1
- LF: E1/NL
- LF: E4
- LF: EM8
- LF: EX1
- LF: G
- LF: G/EM
- LF: H3
- LF: H3/EM
- LF: H4
- LF: H4/EM
- LFW: 3#10, 3/4" EMT Conduit
- LFW: 3#12, 1/2" EMT Conduit
- LFW: 3#12 MC Cable
- LFWB: 3#10, 3/4" EMT Conduit
- LFWB: 3#12, 1/2" EMT Conduit
- MISC: Junction Box
- MISC: Unistrut
- LF: M
- LF: L

- 1.0 EA
- 2.0 EA
- 2.0 EA
- 16.0 EA
- 3.0 EA
- 5.0 EA
- 37.0 EA
- 4.0 EA
- 8.0 EA
- 12.0 EA
- 4.0 EA
- 7.0 EA
- 34.0 EA
- 11.0 EA
- 14.0 EA
- 7.0 EA
- 3.0 EA
- 3.0 EA
- 332.2 FT
- 412.1 FT
- 158.5 FT
- 1835.4 FT
- 40.4 FT
- 7.0 EA
- 167.6 FT
- 8.0 EA
- 4.0 EA

1 GENERAL BASEMENT LIGHTING PLAN



572 NORTH BROADWAY  
WHITE PLAINS, NEW YORK 10603  
TEL 914 289 0011



REVISION:

ISSUE DATE:  
11.10.23 FOR REVIEW & COMMENT (M&M REVIEW)  
12.22.23 ISSUE FOR BIDS & APPROVALS

ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.:  
DRAWN BY: TBA  
SCALE: AS NOTED

SHEET TITLE:  
GENERAL LIGHTING  
PLAN - BASEMENT



SHEET NO.:  
E-210

REV. NO.:  
D.O.B. NO.:



**JEFFREY  
TAYLOR**  
ARCHITECT

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WHITE PLAINS, NEW YORK 10603

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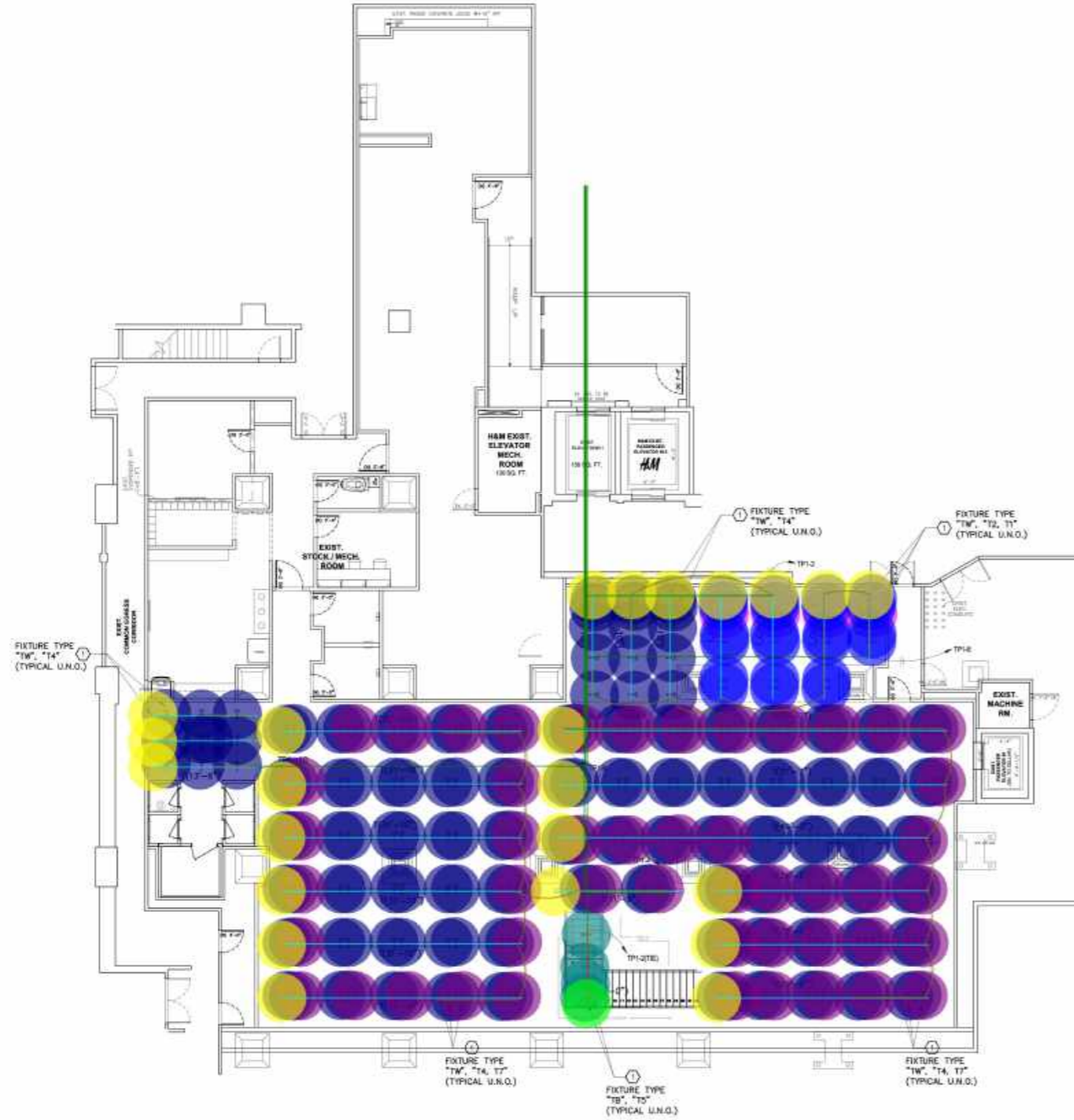


**KEY NOTES:**

- E.C. SHALL CONNECT THE SINGLE CIRCUIT TRACK FIXTURE TO THE BREAKER INDICATED. IN NO CASE SHALL A 20A-1P BRANCH CIRCUIT SUPPLY MORE THAN 24 L.F. OF TRACK IN SHOW WINDOW (TYPICAL OF ALL SHOW WINDOW TRACK ON THIS PLAN).
- X INDICATES AN ELECTRICAL BREAK IN TRACK (TYPICAL). AN ELECTRICAL BREAK WITHIN THE TRACK INDICATES AN I-FEED TRACK ACCESSORY AND AN ELECTRICAL BREAK AT THE END OF THE TRACK INDICATES A LIVE END TRACK ACCESSORY OR T-CONNECTOR ACCESSORY.

**GENERAL TRACK LIGHTING NOTES**

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE LOCATIONS. COORDINATE LIGHT FIXTURE LOCATIONS WITH HVAC EQUIPMENT, DUCTS AND DIFFUSERS. LIGHT FIXTURE LOCATIONS SHALL SUPERSEDE HVAC EQUIPMENT, DUCT AND DIFFUSER LOCATIONS. NOTIFY THE ENGINEER OF ANY EXISTING CONDITIONS THAT AFFECT LIGHT FIXTURE LOCATIONS.
- REFER TO SHEET E-602 FOR LIGHTING CONTROL ZONES.
- ALL TRACK SHALL BREAK AT EXPANSION JOINTS REGARDLESS IF SHOWN ON THIS PLAN.
- TRACK LIVE ENDS ARE TO BE USED AS END CAPS. I-FEED CONNECTORS ARE TO BE USED WITHIN THE TRACK WHEN AN ELECTRICAL BREAK OCCURS.
- SURFACE MOUNTED TRACK IS TO BE SECURELY ATTACHED TO THE CEILING WITH 1" SELF-TAPPING PANHEAD SCREWS 4'-0" ON CENTER, SO NO SAGGING APPEARS IN THE LONG RUNS OF TRACK. ALTERNATE ACT GRID CLIPS AND PANHEAD SCREWS EVERY 2'-0" ALONG THE TRACK.
- ALL SUSPENDED TRACK TO BE AT 10'-6" IN THE FITTING ROOM AND SALES AREAS.



• LF: T4	167.0 EA
• LF: T7	48.0 EA
• LF: T5	4.0 EA
⌊ LF: TB	10.1 FT
• LF: TB	1.0 EA
• LF: TW	23.0 EA
• LF: T2	22.0 EA
• LF: T1	4.0 EA
⌊ LF: TW	595.6 FT
⌊ LFWB: 3#12, 1/2" EMT Conduit	298.3 FT
⌊ LFW: 3#12, 1/2" EMT Conduit	595.4 FT

**1 BASEMENT TRACK LIGHTING PLAN**  
10'-1" x 12'-0"

**REVISION:**

NO.	DATE	DESCRIPTION

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12.22.23 ISSUE FOR BIDS & APPROVALS

ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.: -  
DRAWN BY: TBA  
SCALE: AS NOTED

SHEET TITLE:  
TRACK LIGHTING  
PLAN - BASEMENT

**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHROP BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
**E-211**

REV. NO.:

D.O.B. NO.:

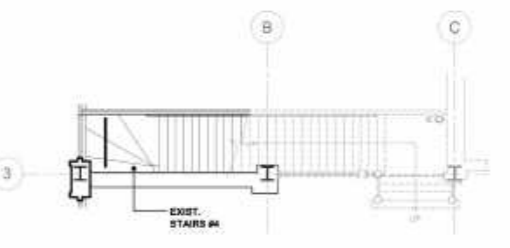


- KEY NOTES:**
1. NOT USED.
  2. LIGHT BOX FURNISHED BY TENANT'S VENDOR, TO BE INSTALLED BY E.C. PER THE H&M HOW-TO-BUILD CATALOGUES. PLUG FREE-STANDING LIGHT BOXES IN STOREFRONT SHOW WINDOWS INTO FLOOR MOUNTED RECEPTACLE. REFER TO E-310 FOR RECEPTACLE LOCATION AND CIRCUITING INFORMATION.  
LIGHT BOX 3 - H1800 (120W)  
ART. NO. 186419-01  
DIGITAL SECTIONS (1) SECTIONS
  3. LIGHTING CONTROL MOTION SENSOR FURNISHED BY EMS VENDOR, TO BE INSTALLED BY E.C. REFER TO SHEET EMS-100 FOR MORE DETAILS.
  4. FURNISH AND INSTALL A JUNCTION BOX IN AN ACCESSIBLE LOCATION, ABOVE THE CEILING (NOT ABOVE FITTING ROOM STALL) AND PROVIDE MC CABLE FROM JUNCTION BOX TO MIRROR LIGHTING (TYPICAL OF 2 MIRROR LIGHTS IN EACH FITTING ROOM STALL). VERIFY MIRROR LOCATIONS WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN. VERIFY EXACT MOUNTING HEIGHT WITH FITTING ROOM MIRROR INSTALLER. VERIFY FINAL CONNECTIONS OF FIXTURE WITH LOCAL CODE/AHJ/MANUFACTURER.
  5. INSTALL MC CABLE FROM J-BOX TO J-BOX, CONTINUOUSLY WITHOUT INTERRUPTION BETWEEN DEVICES.
  6. NOT USED.
  7. STRIP FIXTURES IN BOH AREAS TO BE MOUNTED TO CONTINUOUS UNISTRUT (FULL LENGTH) SO FIXTURES MAINTAIN PARALLEL LINES AND SAME MOUNTING HEIGHTS.
  8. EXISTING ELEVATOR LIGHTING CLEAN AND TO REMAIN. E.C. TO REPLACE ANY LIGHTS NOT FULLY FUNCTIONAL. TIE ALL LIGHTING TO H&M PANELS AS SHOWN ON E-602.
  9. NOT USED.
  10. EXISTING HISTORIC LIGHTING TO BE MAINTAINED AND POWERED BY LANDLORD.

- GENERAL LIGHTING NOTES**
1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE LOCATIONS. COORDINATE LIGHT FIXTURE LOCATIONS WITH HVAC EQUIPMENT, DUCTS AND DIFFUSERS. LIGHT FIXTURE LOCATIONS SHALL SUPERCEDE HVAC EQUIPMENT, DUCT AND DIFFUSER LOCATIONS. NOTIFY THE ENGINEER OF ANY EXISTING CONDITIONS THAT AFFECT LIGHT FIXTURE LOCATIONS.
  2. REFER TO SHEET E-602 FOR LIGHTING CONTROL ZONES.
  3. LIGHT FIXTURES LABELED AS "EM" SHALL BE PROVIDED WITH INTEGRAL FACTORY INSTALLED EMERGENCY BALLAST/DRIVER (TYPE "I/EM") AND INTEGRAL EMERGENCY BALLAST (TYPE "H3/EM", "H4/EM").
  4. ONLY THE NORMAL BALLAST OF LIGHT FIXTURES SHALL BE CONTROLLED BY THE LIGHTING CONTROL SYSTEM OF LOCAL SWITCHING. EMERGENCY BALLASTS, EMERGENCY LIGHT FIXTURES AND EXIT SIGNS SHALL BE WIRED AHEAD OF ALL LIGHTING CONTROLS AND LOCAL SWITCHING.
  5. NIGHT LIGHTS (NL) SHALL BE WIRED AHEAD OF ALL LIGHTING CONTROLS AND LOCAL SWITCHING.
  6. ALL EXIT SIGNS ON THE SALES FLOOR TO HAVE RED LETTERING UNLESS DICTATED OTHERWISE BY CODE.
  7. ALL EXIT SIGNS IN THE SALES AREA ARE TO BE CEILING MOUNTED AND A MINIMUM OF 3 CEILING TILES AWAY FROM ANY ADJACENT LIT NAVIGATION SIGNS UNLESS DICTATED OTHERWISE BY LOCAL AHJ.

- LC: Motion Sensor (Furnished By T-Wave)
  - LC: Occupancy Sensor Switch
  - LC: Occupancy Sensor, Ceiling Mounted
  - LC: Single Pole Switch
  - LF: E1
  - LF: E1/NL
  - LF: E2
  - LF: E4
  - LF: EM8
  - LF: F1
  - LF: F1/NL
  - LF: G
  - LF: G/EM
  - LF: H4
  - LF: Light Box 3
  - LFW: 3#10, 3/4" EMT Conduit
  - LFW: 3#12, 1/2" EMT Conduit
  - LFW: 3#12 MC Cable
  - LFWB: 3#10, 3/4" EMT Conduit
  - LFWB: 3#12, 1/2" EMT Conduit
  - MISC: Junction Box
  - LFWB: 3#8, 3/4" EMT Conduit
  - LFW: 3#8, 3/4" EMT Conduit
  - MISC: Unistrut
  - LF: M
  - LF: L
- |           |   |
|-----------|---|
| 6.0 EA    | ● |
| 4.0 EA    | ● |
| 2.0 EA    | ● |
| 1.0 EA    | ● |
| 24.0 EA   | ● |
| 3.0 EA    | ● |
| 4.0 EA    | ● |
| 17.0 EA   | ● |
| 12.0 EA   | ● |
| 80.0 EA   | ● |
| 16.0 EA   | ● |
| 14.0 EA   | ● |
| 8.0 EA    | ● |
| 1.0 EA    | ● |
| 1.0 EA    | ● |
| 798.1 FT  | ■ |
| 457.8 FT  | ■ |
| 313.5 FT  | ■ |
| 1923.1 FT | ■ |
| 86.3 FT   | ■ |
| 31.0 EA   | ■ |
| 817.4 FT  | ■ |
| 8.9 FT    | ■ |
| 56.0 FT   | ■ |
| 22.0 EA   | ■ |
| 4.0 EA    | ■ |

1 GENERAL GROUND FLOOR LIGHTING PLAN



2 HISTORIC STAIRS



JEFFREY TAYLOR ARCHITECT

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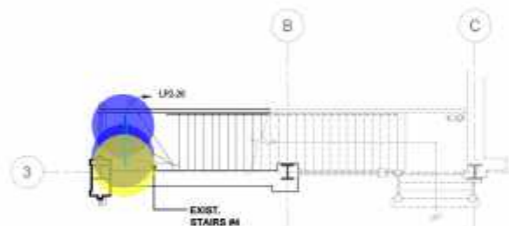
KEY NOTES:

- 1. E.C. SHALL CONNECT THE SINGLE CIRCUIT TRACK FIXTURE TO THE BREAKER INDICATED. IN NO CASE SHALL A 20A-1P BRANCH CIRCUIT SUPPLY MORE THAN 24 L.F. OF TRACK IN SHOW WINDOW (TYPICAL OF ALL SHOW WINDOW TRACK ON THIS PLAN).
2. X INDICATES AN ELECTRICAL BREAK IN TRACK (TYPICAL). AN ELECTRICAL BREAK WITHIN THE TRACK INDICATES AN I-FEED TRACK ACCESSORY AND AN ELECTRICAL BREAK AT THE END OF THE TRACK INDICATES A LIVE END TRACK ACCESSORY OR T-CONNECTOR ACCESSORY.

GENERAL TRACK LIGHTING NOTES:

- 1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE LOCATIONS. COORDINATE LIGHT FIXTURE LOCATIONS WITH HVAC EQUIPMENT, DUCTS AND DIFFUSERS. LIGHT FIXTURE LOCATIONS SHALL SUPERCEDE HVAC EQUIPMENT, DUCT AND DIFFUSER LOCATIONS. NOTIFY THE ENGINEER OF ANY EXISTING CONDITIONS THAT AFFECT LIGHT FIXTURE LOCATIONS.
2. REFER TO SHEET E-502 FOR LIGHTING CONTROL ZONES.
3. ALL TRACK SHALL BREAK AT EXPANSION JOINTS REGARDLESS IF SHOWN ON THIS PLAN.
4. TRACK LIVE ENDS ARE TO BE USED AS END CAPS. I-FEED CONNECTORS ARE TO BE USED WITHIN THE TRACK WHEN AN ELECTRICAL BREAK OCCURS.
5. SURFACE MOUNTED TRACK IS TO BE SECURELY ATTACHED TO THE CEILING WITH 1" SELF-TAPPING PAN-HEAD SCREWS 4"-0" ON CENTER, SO NO SAGGING APPEARS IN THE LONG RUNS OF TRACK. ALTERNATE ACT GRID CLIPS AND PAN-HEAD SCREWS EVERY 2'-0" ALONG THE TRACK.
6. ALL SUSPENDED TRACK TO BE AT 10'-6" IN THE FITTING ROOM AND SALES AREAS.

Legend table listing fixture types (LF: TB, T2, TW, T5, T6, T4, T5, T1, T3) and track types (LC: I-Feed Track Accessory, LFWB: 3#12, 1/2" EMT Conduit, LFW: 3#12, 1/2" EMT Conduit, LFW: 3#10, 3/4" EMT Conduit) with corresponding counts and quantities.



2 HISTORIC STAIRS



1 TRACK LIGHTING PLAN

REVISION:

Table with columns for issue date, description, and reviewer, showing two revision entries.

Table with columns for project information including Arch Project No., Product Season, Space No., Drawn By, and Scale.

SHEET TITLE: TRACK LIGHTING PLAN - GROUND FLOOR

H&M logo and address: STORE NO. US 0762 - FLAGSHIP WOODWARD & LOthrop BUILDING 1020 G STREET, NW WASHINGTON, DC

SHEET NO: E-221

REV. NO:

D.O.B. NO:

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JEFFREY TAYLOR ARCHITECT

872 NORTH BROADWAY  
WHITE PLAINS, NEW YORK 10603

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REVISION:

DATE	DESCRIPTION
11.10.23	FOR REVIEW & COMMENT (M&M REVIEW)
12.22.23	ISSUE FOR BIDS & APPROVALS

ISSUE DATE:  
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ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.: -  
DRAWN BY: TBA  
SCALE: AS NOTED

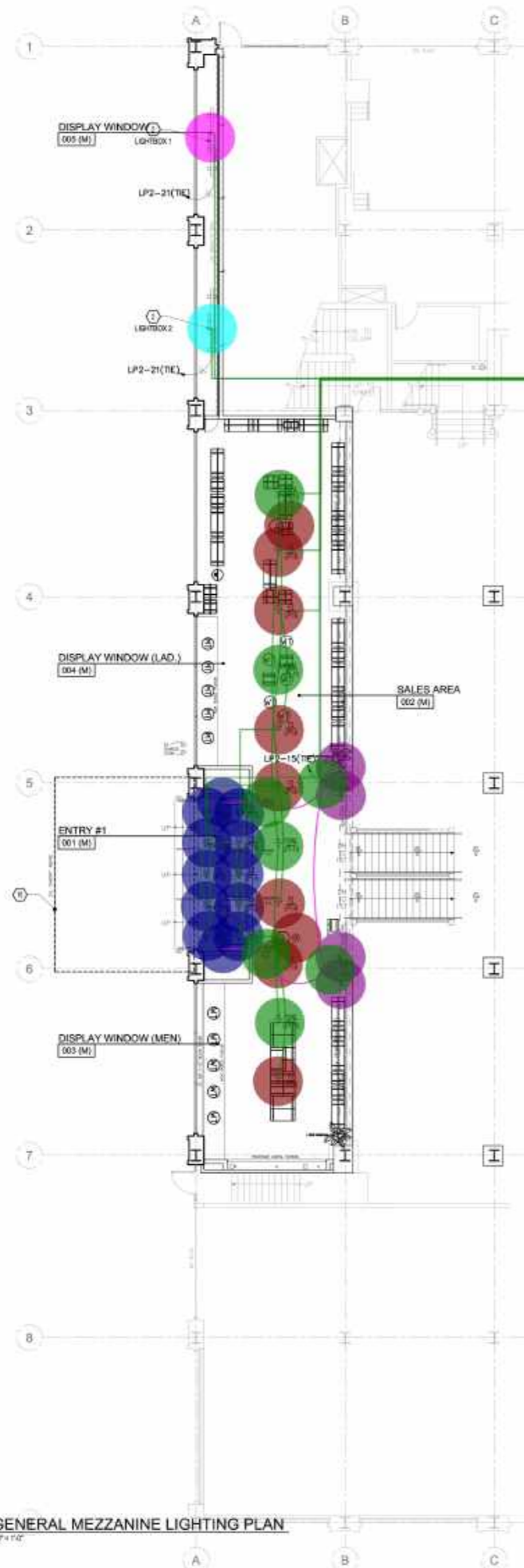
SHEET TITLE:  
GENERAL LIGHTING PLAN - MEZZANINE

**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
**E-230**

REV. NO.:

D.O.B. NO.:



**KEY NOTES:** (1)

- NOT USED.
- LIGHT BOX FURNISHED BY TENANT'S VENDOR, TO BE INSTALLED BY E.C. PER THE H&M HOW-TO-BUILD CATALOGUES. PLUG FREE-STANDING LIGHT BOXES IN STOREFRONT SHOW WINDOWS INTO FLOOR MOUNTED RECEPTACLE. REFER TO E-310 FOR RECEPTACLE LOCATION AND CIRCUITING INFORMATION.  
LIGHT BOX 1.2 - H2200 (380W)  
ART. NO. 186422-01  
DIGITAL SECTIONS (2) SECTIONS
- LIGHTING CONTROL MOTION SENSOR FURNISHED BY EMS VENDOR, TO BE INSTALLED BY E.C. REFER TO SHEET EMS-100 FOR MORE DETAILS.
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- EXISTING HISTORIC LIGHTING TO BE MAINTAINED AND POWERED BY LANDLORD.

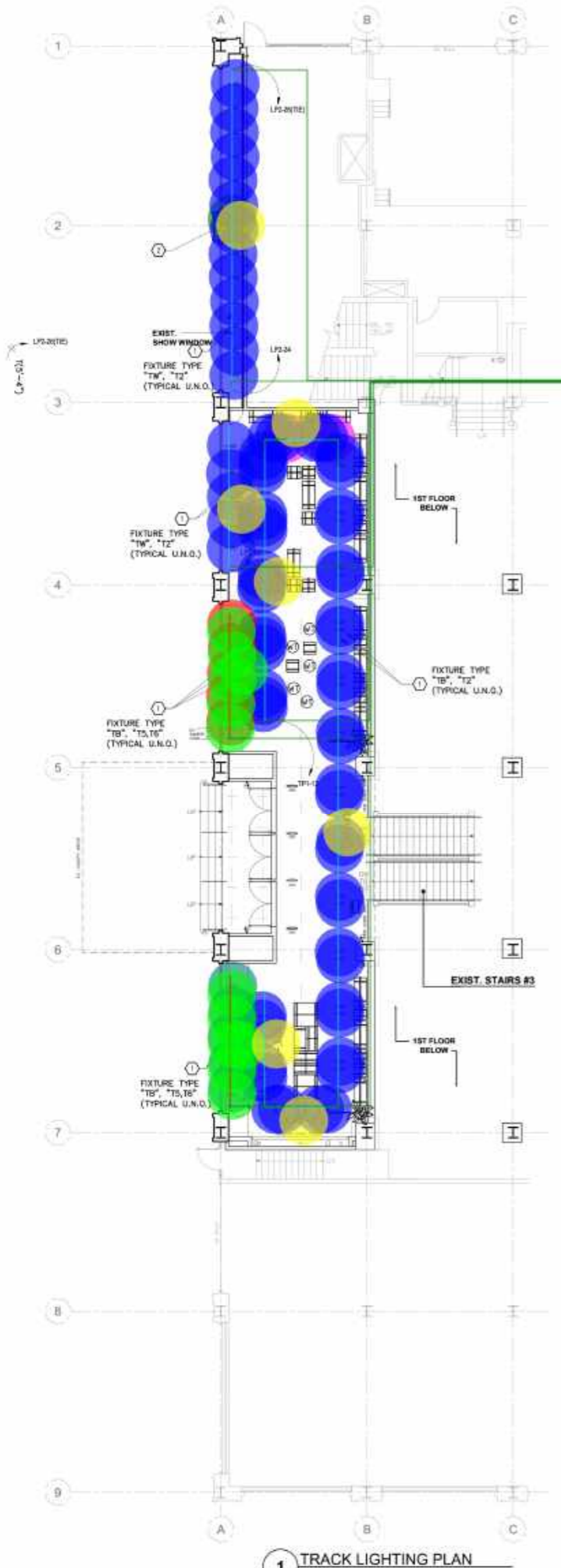
**GENERAL LIGHTING NOTES:**

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE LOCATIONS. COORDINATE LIGHT FIXTURE LOCATIONS WITH HVAC EQUIPMENT, DUCTS AND DIFFUSERS. LIGHT FIXTURE LOCATIONS SHALL SUPERSEDE HVAC EQUIPMENT, DUCT AND DIFFUSER LOCATIONS. NOTIFY THE ENGINEER OF ANY EXISTING CONDITIONS THAT AFFECT LIGHT FIXTURE LOCATIONS.
- REFER TO SHEET E-602 FOR LIGHTING CONTROL ZONES.
- LIGHT FIXTURES LABELED AS "EM" SHALL BE PROVIDED WITH INTEGRAL FACTORY INSTALLED EMERGENCY BALLAST/DRIVER (TYPE "C/EM") AND INTEGRAL EMERGENCY BALLAST (TYPE "H3/EM", "H4/EM").
- ONLY THE NORMAL BALLAST OF LIGHT FIXTURES SHALL BE CONTROLLED BY THE LIGHTING CONTROL SYSTEM OR LOCAL SWITCHING. EMERGENCY BALLASTS, EMERGENCY LIGHT FIXTURES AND EXIT SIGNS SHALL BE WIRED AHEAD OF ALL LIGHTING CONTROLS AND LOCAL SWITCHING.
- NIGHT LIGHTS (NL) SHALL BE WIRED AHEAD OF ALL LIGHTING CONTROLS AND LOCAL SWITCHING.
- ALL EXIT SIGNS ON THE SALES FLOOR TO HAVE RED LETTERING UNLESS DICTATED OTHERWISE BY CODE.
- ALL EXIT SIGNS IN THE SALES AREA ARE TO BE CEILING MOUNTED AND A MINIMUM OF 2 CEILING TILES AWAY FROM ANY ADJACENT LIGHT NAVIGATION SIGNS UNLESS DICTATED OTHERWISE BY LOCAL AND

● LF: Light Box 1	1.0 EA
● LF: Light Box 2	1.0 EA
● LC: Motion Sensor (Furnished By T-Wave)	2.0 EA
● LF: F2	7.0 EA
● LF: F2/NL	4.0 EA
● MISC: Junction Box	4.0 EA
● LF: E2	10.0 EA
▣ LFW: 3#12 MC Cable	71.7 FT
▣ LFW: 3#12, 1/2" EMT Conduit	1422.7 FT
● LF: L	2.0 EA
● LF: S	4.0 EA

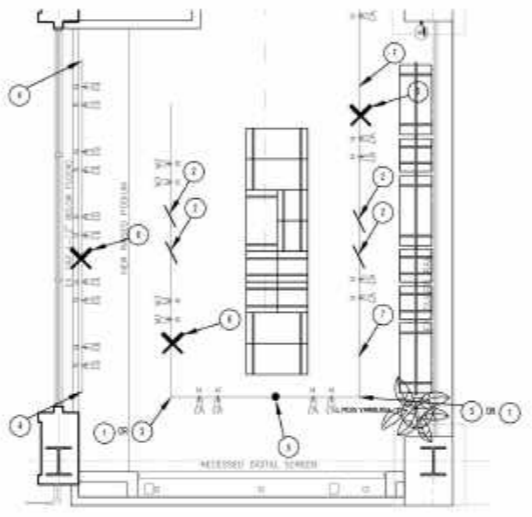
**1 GENERAL MEZZANINE LIGHTING PLAN**  
1/8" = 1'-0"

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1 TRACK LIGHTING PLAN  
1/8" = 1'-0"

•• LC: I-Feed Track Accessory	1.0 EA	
• LF: TB	2.0 EA	
• LF: TW	7.0 EA	
• LF: T5	5.0 EA	
• LF: T2	69.0 EA	
• LF: T1	2.0 EA	
• LF: T6	10.0 EA	
LF: TB	35.3 FT	
LF: T5	5.0 EA	
LF: TW	229.3 FT	
LFW: 3#12, 1/2" EMT Conduit	1164.3 FT	



2 TRACK LIGHTING GENERAL INFORMATION DETAIL  
NO SCALE

- GENERAL TRACK LIGHTING INSTALLATION NOTES**
- 90 DEGREE CORNER FEED.
  - ACT GRID CLIP TO BE MOUNTED EVERY 4" ALONG THE TRACK. REFER TO DETAIL ON SHEET A-311 FOR ADDITIONAL INFORMATION.
  - INDICATES (2) CIRCUITS OF TRACK MEETING AT A 90 DEGREE ANGLE. EITHER (2) LIVE END FEEDS CAN MEET AT THIS CORNER OR USE A 90 DEGREE CORNER AND STOP THE POWER RUN.
  - IN THE SHOW WINDOW AREA USE A LIVE END FEED AT EACH END OF THE TRACK RUN. REINFORCEMENT PLATES ARE ALSO USED IN SHOW WINDOWS/GYP. BD CEILINGS.
  - SUSPENSION KITS AND PLATES ARE ONLY USED WHEN TRACK IS SUSPENDED. IN OPEN CEILINGS OR TALL SHOW WINDOWS WHERE TRACK NEEDS TO BE BROUGHT DOWN TO A LOWER ELEVATION.
  - INDICATES AN I-FEED. THIS IS USED IN A LONG RUN OF TRACK IF 2 CIRCUITS ARE NEEDED TO BREAK A CIRCUIT BUT CONTINUE POWER ALONG THE LONG TRACK RUN.
  - COUPLINGS ARE USED AS A CONNECTOR TO CARRY POWER FROM (1) PIECE OF TRACK TO THE NEXT PIECE OF TRACK.

- KEY NOTES:**
- E.C. SHALL CONNECT THE SINGLE CIRCUIT TRACK FIXTURE TO THE BREAKER INDICATED. IN NO CASE SHALL A 20A-1P BRANCH CIRCUIT SUPPLY MORE THAN 24 L.F. OF TRACK IN SHOW WINDOW (TYPICAL OF ALL SHOW WINDOW TRACK ON THIS PLAN).
  - X INDICATES AN ELECTRICAL BREAK IN TRACK (TYPICAL). AN ELECTRICAL BREAK WITHIN THE TRACK INDICATES AN I-FEED TRACK ACCESSORY AND AN ELECTRICAL BREAK AT THE END OF THE TRACK INDICATES A LIVE END TRACK ACCESSORY OR T-CONNECTOR ACCESSORY.

- GENERAL TRACK LIGHTING NOTES**
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE LOCATIONS. COORDINATE LIGHT FIXTURE LOCATIONS WITH HVAC EQUIPMENT, DUCTS AND DIFFUSERS. LIGHT FIXTURE LOCATIONS SHALL SUPERCEDE HVAC EQUIPMENT, DUCT AND DIFFUSER LOCATIONS. NOTIFY THE ENGINEER OF ANY EXISTING CONDITIONS THAT AFFECT LIGHT FIXTURE LOCATIONS.
  - REFER TO SHEET E-802 FOR LIGHTING CONTROL ZONES.
  - ALL TRACK SHALL BREAK AT EXPANSION JOINTS REGARDLESS IF SHOWN ON THIS PLAN.
  - TRACK LIVE ENDS ARE TO BE USED AS END CAPS. I-FEED CONNECTORS ARE TO BE USED WITHIN THE TRACK WHEN AN ELECTRICAL BREAK OCCURS.
  - SURFACE MOUNTED TRACK IS TO BE SECURELY ATTACHED TO THE CEILING WITH 1" SELF-TAPPING PANHEAD SCREWS 4"-0" ON CENTER, SO NO SAGGING APPEARS IN THE LONG RUNS OF TRACK. ALTERNATE ACT GRID CLIPS AND PANHEAD SCREWS EVERY 2'-0" ALONG THE TRACK.
  - ALL SUSPENDED TRACK TO BE AT 10'-0" IN THE FITTING ROOM AND SALES AREAS.

**REVISION:**


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SCALE: AS NOTED

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TRACK LIGHTING PLAN - MEZZANINE

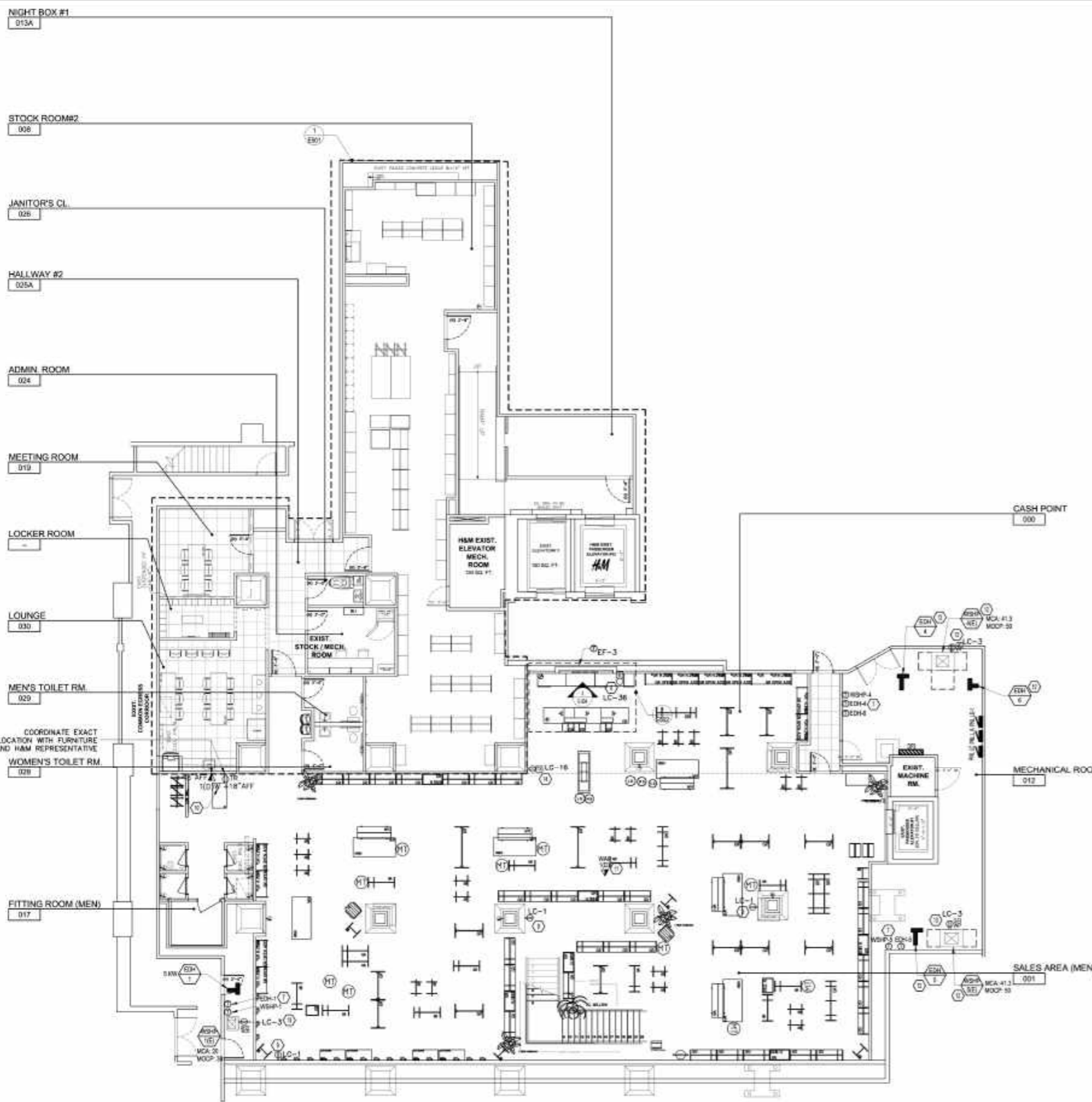
**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

**SHEET NO.:**  
**E-231**

**REV. NO.:**

**D.O.B. NO.:**

I:\projects\2023\2023-05\TBA-Cad\Rev\MEP\TBA-2023-0537-E-211.dwg, 12/21/2023 8:08:48 PM



1 BASEMENT POWER PLAN  
1/8" = 1'-0"

- p, Equipment Connection
  - p, Ground Duplex Receptacle, GFI, WP
  - p, Thermostat
  - pw, 3#12, 3/4" EMT Conduit
  - pw, 4#1, #6, 1-1/2" EMT Conduit
  - pw, 4#3, 1#8, 1-1/4" EMT Conduit
  - pw, 5#14, 3/4" EMT Conduit
- |          |  |
|----------|--|
| 4.0 EA   | <span style="color: yellow;">●</span>  |
| 1.0 EA   | <span style="color: red;">●</span>     |
| 6.0 EA   | <span style="color: cyan;">●</span>    |
| 69.9 FT  | <span style="color: purple;">—</span>  |
| 30.6 FT  | <span style="color: blue;">—</span>    |
| 122.6 FT | <span style="color: magenta;">—</span> |
| 78.6 FT  | <span style="color: cyan;">—</span>    |

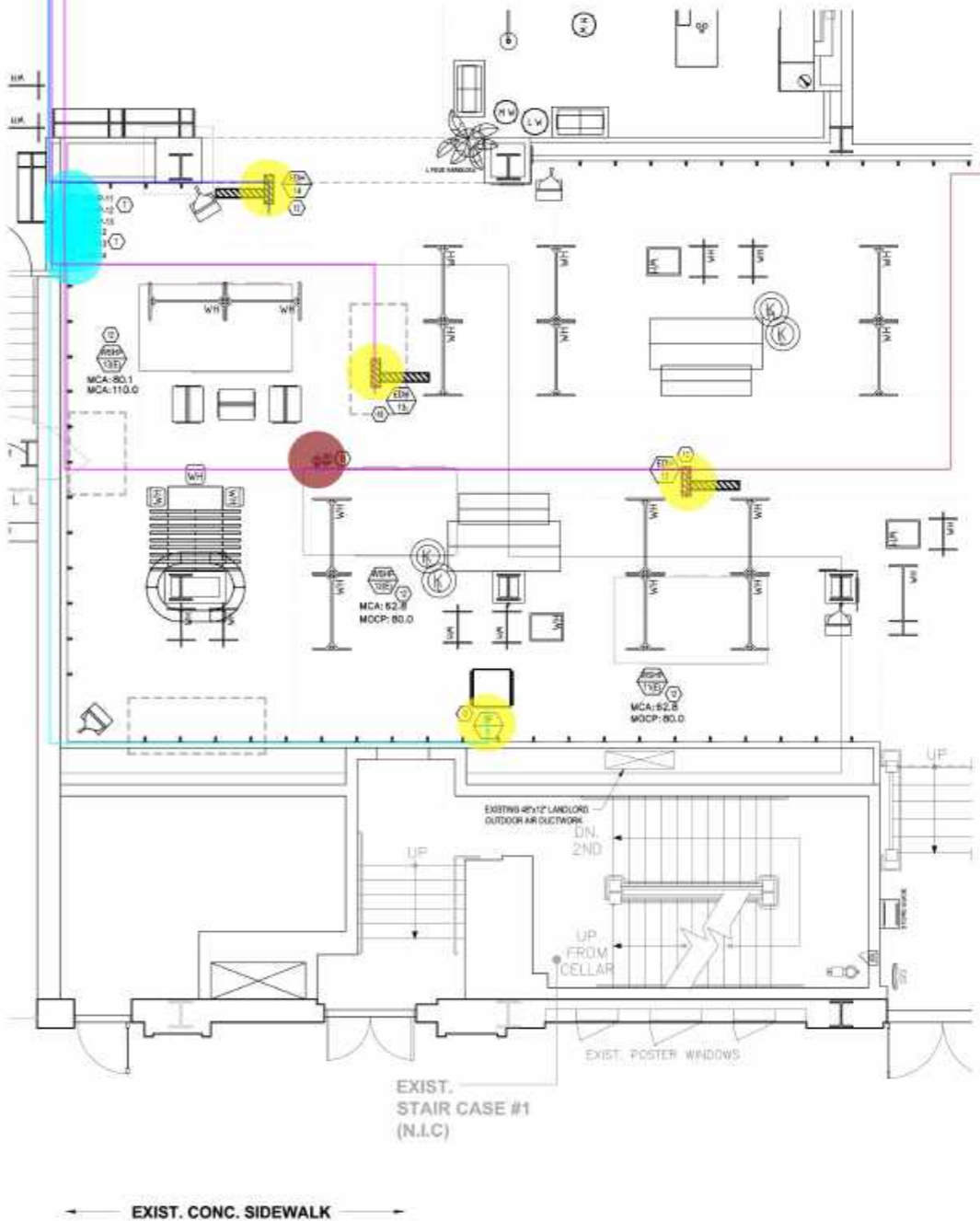
KEY NOTES

1. NOT USED
2. NOT USED
3. NOT USED
4. NOT USED
5. NOT USED
6. NOT USED
7. HVAC CONTROL FURNISHED & INSTALLED BY OTHERS. SHOWN FOR REFERENCE & COORDINATION ONLY.
8. INSTALL BUZZER 6" ABOVE CEILING. REFER TO BUZZER SYSTEM WIRING DIAGRAM ON SHEET E-701.
9. INSTALL RECEPTACLE HORIZONTALLY AND CENTERED ON COLUMN AT 9" A.F.F. COORDINATE LOCATION IN BASE OF COLUMN WITH MIRROR INSTALLATION. INSTALL ON NON-MIRRORRED SURFACE.
10. PROVIDE DATA OUTLET FOR (1) CAT 6e (PLENUM RATED) CABLE CENTERED ON COLUMN OR WALL SECTION FOR PHONE. 12" OF HORIZONTAL WALL SPACE IS REQUIRED FOR THE PHONE, 6" CLEAR ON EACH SIDE OF OUTLET. DATA OUTLET IN FITTING ROOMS IS TO BE MOUNTED ON FULL HEIGHT WALLS ONLY.
11. INSTALL CEILING MOUNTED DATA OUTLET FOR (1) CAT 6e (PLENUM RATED) CABLE FOR WIRELESS ACCESS POINT (WAP). IF NO CEILING EXISTS, EC TO INSTALL DOWN FACING DOUBLE GANG BACKBOX WITH SINGLE GANG RING SUPPORTED WITH A ROD OR UNISTRUT TO THE DECK INFRASTRUCTURE ABOVE. BOX SHOULD HAVE 1" CONDUIT FROM THE TOP OF DOWN FACING BOX STUBBED TO ABOVE A JOIST ABOVE WITH A BUSHING. THE BOTTOM OF THE DOWNFACING BOX SHOULD BE INSTALLED AT A HEIGHT LEVEL WITH THE BOTTOM OF THE HANGING LIGHT FIXTURES AND THE LOWEST POINT OF ANY HVAC EQUIPMENT. REFER TO SPECIFICATIONS ON SHEET E-000 FOR ADDITIONAL INFORMATION.

12. MECHANICAL EQUIPMENT. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-330.
13. OI/WP RECEPTACLE PROVIDED WITH WSP BY LANDLORD. LANDLORD'S EC TO INSTALL 3/4"-2#12, 1#12G TO PULLBOX NEAR ELECTRICAL ROOM WITH 20' COILED CONDUCTORS. EXTEND TO PANELBOARD AND CONNECT AS REQUIRED.
14. PROVIDE AN UNCONTROLLED RECEPTACLE AT 6" BELOW CEILING FOR WIRELESS REPEATER. VERIFY LOCATION OF WIRELESS REPEATER WITH VENDOR PRIOR TO ROUGH-IN. RECEPTACLE MUST NOT BE INSTALLED IN THE PORTALS.

GENERAL POWER NOTES

1. COORDINATE ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL AND PLUMBING EQUIPMENT WITH THOSE TRADES.
2. ALL ROOM TEMPERATURE SENSORS AND THERMOSTAT LOCATIONS SHALL BE COORDINATED WITH THE M.C. TO AVOID FULL HEIGHT MIRRORS AND FIXTURE DISPLAYS.
3. OUTLETS TO MATCH ADJACENT FINISH. REFER TO ARCHITECTURAL PLANS FOR FINISH SELECTIONS IN SALES AREAS AND BACK OF HOUSE. WHITE + BRIDGE FINISH WALLS TO HAVE WHITE OUTLETS, LIGHT GRAY FINISH TO HAVE GRAY OUTLETS, AND DARK GRAY WALLS (HOME DEPARTMENT) TO HAVE BLACK OUTLETS.
4. ALL I.D. RECEPTACLES TO BE ORANGE. FACEPLATE COLOR TO MATCH ADJACENT WALL FINISH. FACEPLATES IN UNFINISHED AREAS TO BE METALLIC OR INDUSTRIAL.
5. FOR ALL WIRING DEVICES IN VIEW OF CUSTOMERS, CLEAR LABELS WITH BLACK LETTERS. FOR CASHWRAP AND BOH USE WHITE LABELS WITH BLACK LETTERS.
6. MINIMUM CONDUIT SIZE FOR DATA TO BE 1". REFER TO SYMBOL LEGEND ON SHEET E-000 FOR ADDITIONAL INFORMATION.



2 ENLARGED HVAC PLATFORM PLAN  
3/4" = 1'-0"



572 NORTH BROADWAY  
WHITE PLAINS, NEW YORK 10603  
TEL 914 289 0011



REVISION:

ISSUE DATE:  
11.10.23 FOR REVIEW & COMMENT (M&M REVIEW)  
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ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.:  
DRAWN BY: TBA  
SCALE: AS NOTED

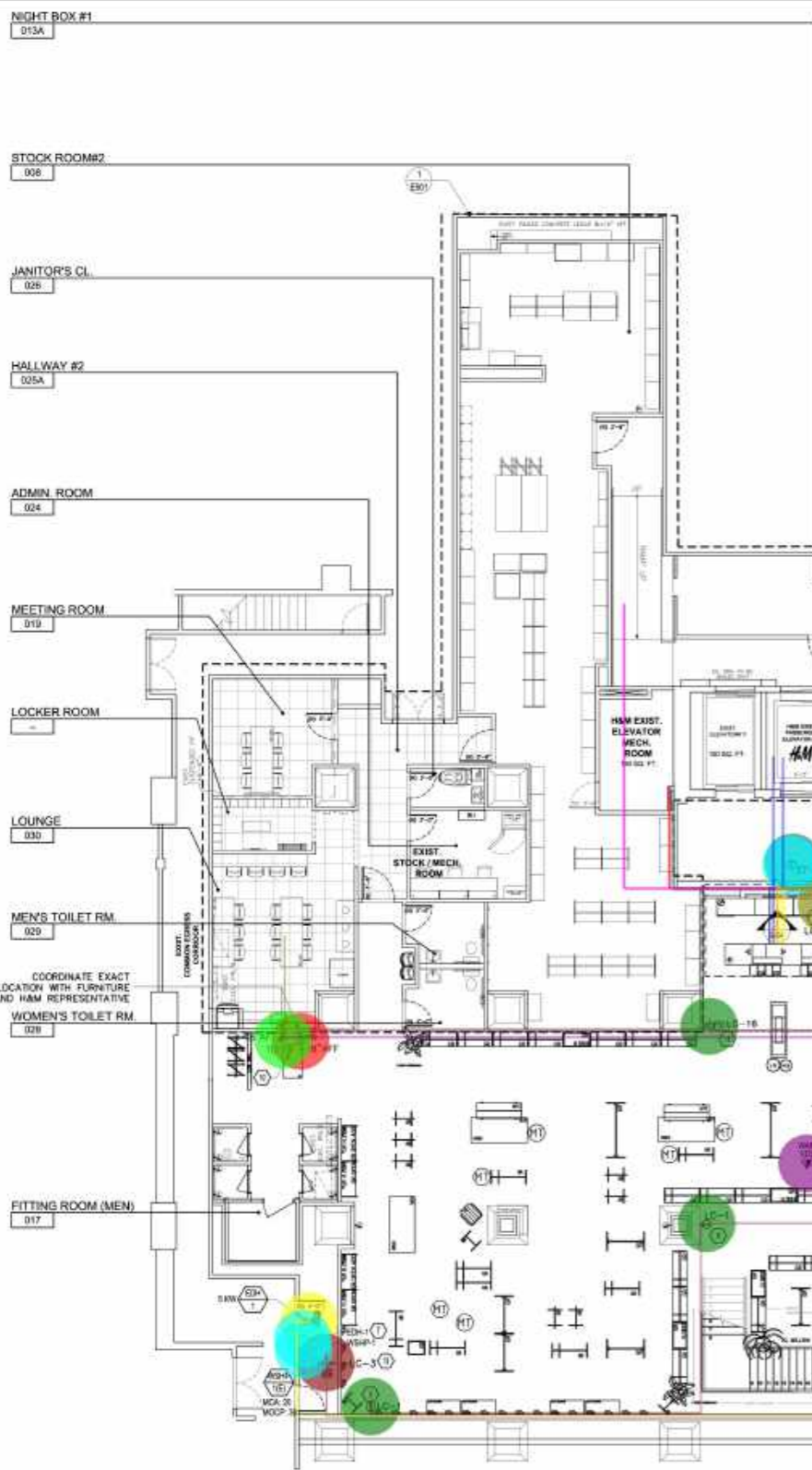
SHEET TITLE:  
POWER PLAN  
BASEMENT



SHEET NO.:  
E-310

REV. NO.:

D.O.B. NO.:



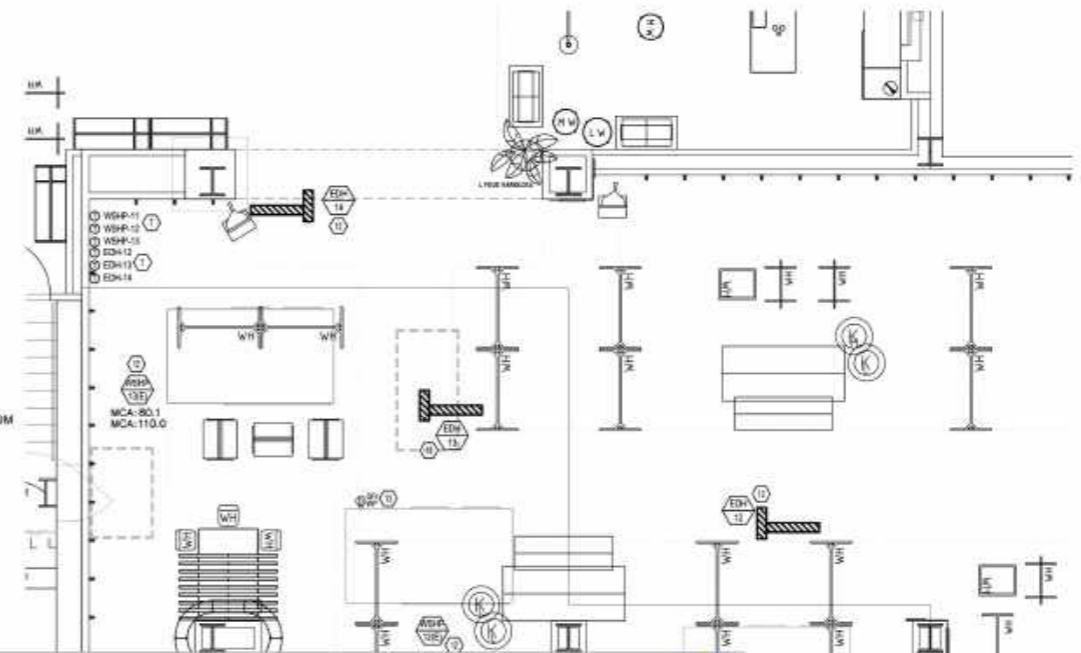
1 BASEMENT POWER PLAN  
1/8" = 1'-0"

KEY NOTES (1)

1. NOT USED.
2. NOT USED.
3. NOT USED.
4. NOT USED.
5. NOT USED.
6. NOT USED.
7. HVAC CONTROL FURNISHED & INSTALLED BY OTHERS. SHOWN FOR REFERENCE & COORDINATION ONLY.
8. INSTALL BUZZER 6" ABOVE CEILING. REFER TO BUZZER SYSTEM WIRING DIAGRAM ON SHEET E-701.
9. INSTALL RECEPTACLE HORIZONTALLY AND CENTERED ON COLUMN AT 8" A.F.F. COORDINATE LOCATION IN BASE OF COLUMN WITH MIRROR INSTALLATION. INSTALL ON NON-MIRRORRED SURFACE.
10. PROVIDE DATA OUTLET FOR (1) CAT 6 (PLENUM RATED) CABLE CENTERED ON COLUMN OR WALL SECTION FOR PHONE. 12" OF HORIZONTAL WALL SPACE IS REQUIRED FOR THE PHONE, 6" CLEAR ON EACH SIDE OF OUTLET. DATA OUTLET IN FITTING ROOMS IS TO BE MOUNTED ON FULL HEIGHT WALLS ONLY.
11. INSTALL CEILING MOUNTED DATA OUTLET FOR (1) CAT 6 (PLENUM RATED) CABLE FOR WIRELESS ACCESS POINT (WAP). IF NO CEILING EXISTS, TO INSTALL DOWN FACING DOUBLE GANG BACKBOX WITH SINGLE GANG RING SUPPORTED WITH A ROD OR UNISTRUT TO THE DECK INFRASTRUCTURE ABOVE. BOX SHOULD HAVE 1" CONDUIT FROM THE TOP OF DOWN FACING BOX STUBBED TO ABOVE, A JOIST ABOVE WITH A BUSHING. THE BOTTOM OF THE DOWNFACING BOX SHOULD BE INSTALLED AT A HEIGHT LEVEL WITH THE BOTTOM OF THE HANGING LIGHT FIXTURES AND THE LOWEST POINT OF ANY HVAC EQUIPMENT. REFER TO SPECIFICATIONS ON SHEET E-000 FOR ADDITIONAL INFORMATION.
12. MECHANICAL EQUIPMENT. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-330.
13. GFI/WP RECEPTACLE PROVIDED WITH WSP BY LANDLORD. LANDLORD'S EC TO INSTALL 3/4"-2#12, 1#12G TO PULLBOX NEAR ELECTRICAL ROOM WITH 20' COILED CONDUCTORS. EXTEND TO PANELBOARD AND CONNECT AS REQUIRED.
14. PROVIDE AN UNCONTROLLED RECEPTACLE AT 6" BELOW CEILING FOR WIRELESS REPEATER. VERIFY LOCATION OF WIRELESS REPEATER WITH VENDOR PRIOR TO ROUGH-IN. RECEPTACLE MUST NOT BE INSTALLED IN THE PORTALS.

GENERAL POWER NOTES

1. COORDINATE ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL AND PLUMBING EQUIPMENT WITH THOSE TRADES.
2. ALL ROOM TEMPERATURE SENSORS AND THERMOSTAT LOCATIONS SHALL BE COORDINATED WITH THE M.C. TO AVOID FULL HEIGHT MIRRORS AND FIXTURE DISPLAYS.
3. OUTLETS TO MATCH ADJACENT FINISH. REFER TO ARCHITECTURAL PLANS FOR FINISH SELECTIONS IN SALES AREAS AND BACK OF HOUSE. WHITE + BEIGE FINISH WALLS TO HAVE WHITE OUTLETS, LIGHT GRAY FINISH TO HAVE GRAY OUTLETS, AND DARK GRAY WALLS (HOME DEPARTMENT) TO HAVE BLACK OUTLETS.
4. ALL LG. RECEPTABLES TO BE ORANGE. FACEPLATE COLOR TO MATCH ADJACENT WALL FINISH. FACEPLATES IN UNFINISHED AREAS TO BE METALLIC OR INDUSTRIAL.
5. FOR ALL WIRING DEVICES IN VIEW OF CUSTOMERS, CLEAR LABELS WITH BLACK LETTERS. FOR CASHWRAP AND BOH USE WHITE LABELS WITH BLACK LETTERS.
6. MINIMUM CONDUIT SIZE FOR DATA TO BE 1". REFER TO SYMBOL LEGEND ON SHEET E-000 FOR ADDITIONAL INFORMATION.



2 ENLARGED HVAC PLATFORM PLAN  
3/8" = 1'-0"

- p. Equipment Connection
  - p. Ground Duplex Receptacle
  - p. Ground Duplex Receptacle, GFI, WP
  - p. Ground Duplex Receptacle, Tamper Resistant
  - p. Thermostat
  - LV: Doorbell With Buzzer, Above Ceiling
  - TELE: Data Outlet
  - TELE: Wireless Access Point, Ceiling Mounted
  - TELEW: CAT6 Cable, 1" EMT Conduit
  - TELEW: CAT6 Cable
  - pw, 3#12, 3/4" EMT Conduit
  - SECW: 2#18, 3/4" EMT Conduit
  - pw, 4#4, 1#8, 1-1/4" EMT Conduit
  - pw, 5#12, 3/4" EMT Conduit
  - DISTW: (4) 4#600 KCMIL, #4/0, 4" EMT Conduit
  - DISTW: 4#3/0, #6, 2" EMT Conduit
  - DISTW: 4#3/0, #6, 2" EMT Conduit
  - DISTW: 4#600 KCMIL, #3, 4" EMT Conduit
  - LV: Thermostat
  - MISC: SAWCUT
  - PW: (3) 3#12, 3/4" EMT Conduit
  - PW: (6) 3#12, 1/2" EMT Conduit
  - PW: 3#3/0, #6, 2" EMT Conduit
  - PW: 3#12, 3/4" EMT Conduit
  - PW: 3#12, 3/4" PVC SCH 40 Conduit
  - TELEW: (4) CAT6 Cable
  - TELEW: (4) CAT6 Cable, 1" EMT Conduit
  - TELEW: (4) CAT6 Cable, 1" PVC SCH 40" Conduit
- |          |             |
|----------|-------------|
| 3.0 EA   | Yellow      |
| 4.0 EA   | Green       |
| 3.0 EA   | Red         |
| 1.0 EA   | Blue        |
| 8.0 EA   | Cyan        |
| 1.0 EA   | Magenta     |
| 1.0 EA   | Light Blue  |
| 1.0 EA   | Purple      |
| 12.0 FT  | Dark Green  |
| 204.2 FT | Light Green |
| 577.0 FT | Dark Blue   |
| 69.3 FT  | Red         |
| 100.6 FT | Yellow      |
| 190.7 FT | Light Green |
| 62.6 FT  | Dark Green  |
| 22.3 FT  | Light Green |
| 26.2 FT  | Dark Green  |
| 24.0 FT  | Light Green |
| 4.0 EA   | Light Blue  |
| 6.2 FT   | Light Green |
| 77.5 FT  | Light Green |
| 108.5 FT | Light Green |
| 193.1 FT | Light Green |
| 76.8 FT  | Light Green |
| 26.3 FT  | Light Green |
| 102.2 FT | Light Green |
| 30.1 FT  | Light Green |
| 13.0 FT  | Light Green |



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12.22.23 ISSUE FOR BIDS & APPROVALS

ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.:  
DRAWN BY: TBA  
SCALE: AS NOTED

SHEET TITLE:  
POWER PLAN  
BASEMENT

H&M  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHROP BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
E-310

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DRAWN BY: TBA  
SCALE: AS NOTED

SHEET TITLE:  
POWER PLAN  
GROUND FLOOR

H&M  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
E-320

REV. NO.:

D.O.B. NO.:

GENERAL POWER NOTES

- COORDINATE ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL AND PLUMBING EQUIPMENT WITH THOSE TRADES.
- ALL ROOM TEMPERATURE SENSORS AND THERMOSTAT LOCATIONS SHALL BE COORDINATED WITH THE M.C. TO AVOID FULL HEIGHT MIRRORS AND FIXTURE DISPLAYS.
- OUTLETS TO MATCH ADJACENT FINISH. REFER TO ARCHITECTURAL PLANS FOR FINISH SELECTIONS IN SALES AREAS AND BACK OF HOUSE. WRITE A BEIGE FINISH WALLS TO HAVE WHITE OUTLETS, LIGHT GRAY FINISH TO HAVE GRAY OUTLETS, AND DARK GRAY WALLS (HOME DEPARTMENT) TO HAVE BLACK OUTLETS.
- ALL I.C. RECEPTACLES TO BE ORANGE FACEPLATE COLOR TO MATCH ADJACENT WALL FINISH. FACEPLATES IN UNFINISHED AREAS TO BE METALLIC OR INDUSTRIAL.
- FOR ALL WIRING DEVICES IN VIEW OF CUSTOMERS, USE CLEAR LABELS WITH BLACK LETTERS, FOR CASHWRAP AND BOX USE WHITE LABELS WITH BLACK LETTERS.
- MINIMUM CONDUIT SIZE FOR DATA TO BE 1". REFER TO SYMBOL LEGEND ON SHEET E-000 FOR ADDITIONAL INFORMATION.

KEY NOTES

- INSTALL RECEPTACLE FLUSH MOUNTED IN CEILING PARALLEL WITH STOREFRONT GLAZING.
- INSTALL FLOOR RECEPTACLE BOX MOUNTED IN POSTER WINDOW PLATFORM. EQUAL DISTANCE BETWEEN BACK WALL AND GLAZING. REFER TO ARCHITECTURAL STOREFRONT SECTIONS FOR ADDITIONAL INFORMATION.
- ALL CEILING-MOUNTED DEVICES IN SHOW WINDOWS SHALL BE INSTALLED IN ALIGNMENT, INCLUDING, BUT NOT LIMITED TO, LINEAR DIFFUSERS, SPRINKLER HEADS, RECEPTACLES, SMOKE DETECTORS, ETC. REFER TO ARCHITECTURAL CEILING COORDINATION PLAN AND COORDINATE WITH OTHER TRADES AS REQUIRED.
- NOT USED.
- FURNISH AND INSTALL A LOOKABLE 20A, SPST TOGGLE SWITCH IN AN ACCESSIBLE LOCATION ABOVE CEILING AND CONNECT TO BLAZE SIGN. COORDINATE WITH H&M FOR LOCATION, MOUNTING HEIGHT AND QUANTITY OF SIGN(S). FURNISH AND INSTALL ALL POWER, CONDUIT, WIRING, SWITCHES, INTERCONNECTIONS ETC. AS REQUIRED.
- NOT USED.
- HVAC CONTROL FURNISHED & INSTALLED BY OTHERS, SHOWN FOR REFERENCE & COORDINATION ONLY.
- INSTALL BUZZER 8" ABOVE CEILING. REFER TO BUZZER SYSTEM WIRING DIAGRAM ON SHEET E-701.
- INSTALL RECEPTACLE HORIZONTALLY AND CENTERED ON COLLAR AT 8" AFF. COORDINATE LOCATION IN BASE OF COLUMN WITH MIRROR INSTALLATION. INSTALL ON NON-MIRRORED SURFACE.
- PROVIDE DATA OUTLET FOR (1) CAT 6e (PLENUM RATED) CABLE CENTERED ON COLLAR OR WALL SECTION FOR PHONE. 12" OF HORIZONTAL WALL SPACE IS REQUIRED FOR THE PHONE, 6" CLEAR ON EACH SIDE OF OUTLET. DATA OUTLET IN FITTING ROOMS IS TO BE MOUNTED ON FULL HEIGHT WALLS ONLY.
- INSTALL CEILING MOUNTED DATA OUTLET FOR (1) CAT 6e (PLENUM RATED) CABLE FOR WIRELESS ACCESS POINT (WAP). IF NO CEILING EXISTS, EC TO INSTALL DOWN FACING DOUBLE GANG BACKBOX WITH SINGLE GANG RING SUPPORTED WITH A ROD OR UNRESTRICT TO THE DECK INFRASTRUCTURE ABOVE. BOX SHOULD HAVE 1" CONDUIT FROM THE TOP OF DOWN FACING BOX STUBBED TO ABOVE A JOIST ABOVE WITH A BUSHING. THE BOTTOM OF THE DOWNFACING BOX SHOULD BE INSTALLED AT A HEIGHT LEVEL WITH THE BOTTOM OF THE HANGING LIGHT FIXTURES AND THE LOWEST POINT OF ANY HVAC EQUIPMENT. REFER TO SPECIFICATIONS ON SHEET E-000 FOR ADDITIONAL INFORMATION.
- MECHANICAL EQUIPMENT. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E-330.
- NOT USED.
- PROVIDE AN UNCONTROLLED RECEPTACLE AT 6" BELOW CEILING FOR WIRELESS REPEATER. VERIFY LOCATION OF WIRELESS REPEATER WITH VENDOR PRIOR TO ROUGH-IN. RECEPTACLE MUST NOT BE INSTALLED IN THE PORTALS.
- INSTALL FLOOR RECEPTACLE BOX MOUNTED BENEATH DISPLAY WINDOW PLATFORM, ALONG BACK WALL. REFER TO ARCHITECTURAL STOREFRONT SECTIONS FOR ADDITIONAL INFORMATION.
- NOT USED.
- NOT USED.
- ID RECEPTACLE FOR AUDIO EQUIPMENT. COORDINATE WITH AUDIO VENDOR. MOUNT RECEPTACLE AT 12" AFF VERTICALLY, IN VENDOR SUPPLIED A/V WALL BOX. COLOR OF RECEPTACLE TO MATCH ADJACENT FINISH WITH ORANGE TRIANGLE, IF NOT LOCATED BEHIND AN ACCESS PANEL. COLOR TO BE ORANGE IF BEHIND AN ACCESS PANEL.
- PROVIDE J-BOX FOR LIGHT BOX IN WINDOWS REFER TO ARCHITECTURAL PLANS FOR ELEVATIONS AND DETAILS.



DISTW 2#1	46.8 FT
DISTW 2#10	13.3 FT
DISTW 2#2	18.0 FT
DISTW 2#30	15.8 FT
1" LV Doorbell With Buzzer, Above Ceiling	1.0 GA
MISC: Junction Box	6.0 GA
MISC: SAWCUT	11.6 FT
Equipment Connection	8.0 GA
Ground Duplex Receptacle	7.8 GA
Ground Duplex Receptacle, Flush Mounted	2.0 GA
Ground Duplex Receptacle, GFI, WP	3.0 GA
Ground Duplex Receptacle, Tamper Resistant	1.8 GA
Isolated Ground Duplex Receptacle	1.0 GA
Thermostat	10.0 GA
20A lockable SPST Toggle Switch	1.0 GA
PW 2#12, #14, 3/4" EMT Conduit	215.3 FT
PW 3#12, 3/4" EMT Conduit	1974.9 FT
PW 4#8, 1#10, 1" C	17.3 FT
PW 5#10, 3/4" EMT Conduit	101.2 FT
PW 5#12, 3/4" EMT Conduit	352.0 FT
PW 5#14, 3/4" EMT Conduit	360.7 FT
PW (2) 3#12, 3/4" EMT Conduit	200.8 FT
PW (3) 3#12, 3/4" EMT Conduit	176.7 FT
PW 3#12, 1/2" EMT Conduit	420.9 FT
PW 3#12, 3/4" EMT Conduit	164.6 FT
PW 3#12, 3/4" EMT Conduit	134.1 FT
PW 3#12, 3/4" PVC SCH 40 Conduit	12.8 FT
SECW 2#18, 3/4" EMT Conduit	90.7 FT
TELE: Data Outlet	1.0 GA
TELE: Wireless Access Point, Ceiling Mounted	3.0 GA
TELEW (2) CAT6 Cable	270.0 FT
TELEW (2) CAT6 Cable, 1" EMT Conduit	15.1 FT
TELEW (2) CAT6 Cable, 1" PVC SCH 40 Conduit	10.4 FT
TELEW (3) CAT6 Cable	348.3 FT
TELEW (3) CAT6 Cable, 1" EMT Conduit	35.9 FT
TELEW (3) CAT6 Cable, 1" PVC SCH 40 Conduit	9.7 FT
TELEW (4) CAT6 Cable	107.2 FT
TELEW (4) CAT6 Cable, 1" EMT Conduit	15.1 FT
TELEW CAT6 Cable	360.1 FT
TELEW CAT6 Cable, 1" EMT Conduit	15.0 FT

1 GROUND FLOOR POWER PLAN  
107-110

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AUDIO PLAN  
BASEMENT

**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHPRO BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:

**E-410**

REV. NO.:

D.O.B. NO.:

**SOUND SYSTEM INSTALLATION NOTES**

1. PROVIDE ALL CONDUITS, WITH PULL-STRING, AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. AUDIO SYSTEM VENDOR WILL FURNISH AND INSTALL SPEAKER AND CONTROL WIRING. PROVIDE ALL STRUCTURAL MOUNTS FOR SPEAKERS AND J-BOXES AS REQUIRED DUE TO CONDUIT PER CODE. TAG ALL WIRES AT TERMINATION POINT. IF CONDUIT IS NOT REQUIRED PER CODE, ALL WIRING SHALL BE PLENUM RATED AND THE E.C. SHALL PROVIDE AT MINIMUM CONDUIT FOR ALL WIRING WITHIN WALLS, WITH STUB-UP 6" ABOVE CEILING.
2. DOUBLE GANG BOX AT DJ/SPEAKER JACK LOCATION WITH SINGLE GANG AUDIO RING, WITH 3/4" CONDUIT STUB-UP TO 6" ABOVE CEILING.
3. EV C8.2 SPEAKERS TO BE MOUNTED AT LOCATIONS SHOWN BY AUDIO VENDOR. AUDIO VENDOR TO FURNISH MOUNTING RINGS ONLY, TO BE INSTALLED BY E.C. E.C. TO PROVIDE ALL ADDITIONAL MOUNTING BOXES AND CONDUIT AS REQUIRED BY LOCAL CODE.

**KEY NOTES:**

1. PROVIDE (1) FIVE GANG J-BOX (E.C. TO COORDINATE/VERIFY BOX SIZE WITH EQUIPMENT SUPPLIER/INSTALLER) MOUNTED AT 48" AFF WITH 1" CONDUIT STUB TO 6" ABOVE CEILING IN THE MANAGER'S OFFICE ADJACENT TO THE DOOR, BUT NOT INSTALLED RIGHT NEXT TO THE SECURITY DESK/EQUIPMENT, FOR SOUND SYSTEM ZONE VOLUME CONTROLS (4) AND SOUND SYSTEM SOURCE CONTROL AND MASTER VOLUME (1). INSTALL (1) CAT6 PLENUM CABLE AND PULL STRING TO AUDIO RACK. RACK BOX TO HAVE 4" DEPTH.

SOUND SYSTEM SYMBOL LEGEND	
	EV C8.2 SPEAKER (WHITE)
	JBL AC16 SPEAKER (WHITE) (WALL MOUNTED)
	JBL SB2210 SPEAKER (WHITE) (WALL MOUNTED)
	SPEAKER JACK TO BE INSTALLED IN VENDOR PROVIDED FSR AUDIO BOX @ 18" AFF.
	DJ JACK (FOR USE WITH H&M DJ SYSTEM) TO BE INSTALLED IN VENDOR PROVIDED FSR AUDIO BOX @ 18" AFF.
	EQUIPMENT RACK - LOCATED IN ADMIN OFFICE
	VOLUME CONTROL
	SOURCE CONTROL

**WIRE LEGENDS**

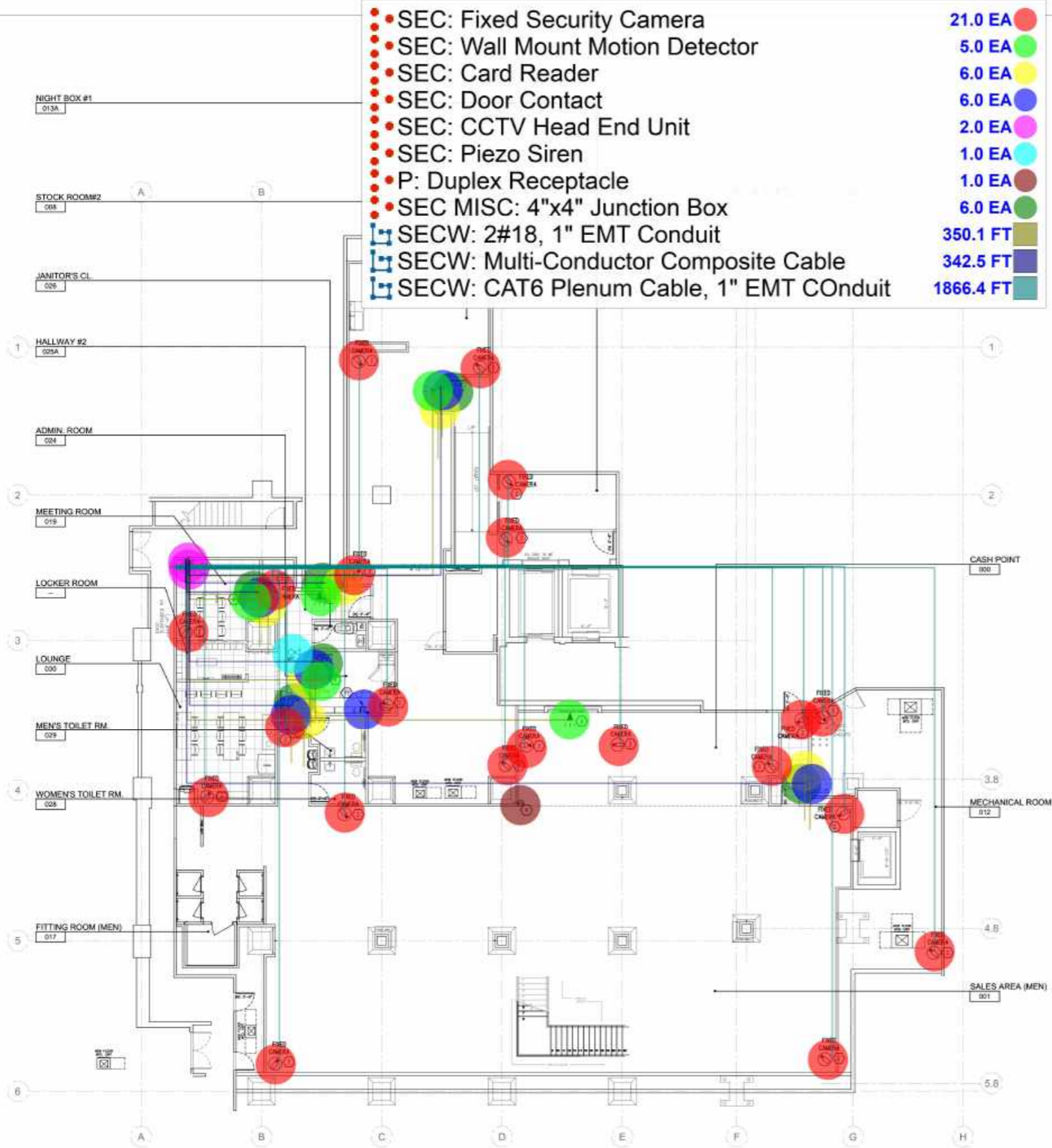
CABLE A: 18AWG (2) CONDUCTOR PLENUM RATED.  
CABLE B: 18AWG (2) CONDUCTOR PLENUM RATED AUDIO, SHIELDED  
CABLE C: CAT6 PLENUM RATED



- AV: Speaker, JBL AC16, Wall Mounted 8.0 EA
- AV: Speaker, JBL SB2210, Wall Mounted 1.0 EA
- AV: Speaker, EV C8.2 1.0 EA
- AV: Volume Control 1.0 EA
- AV: Source Control 1.0 EA
- AV: Audio Equipment Rack 1.0 EA
- AV MISC: Five Gang Junction Box 2.0 EA
- AV: CAT6 Plenum Cable, 1" EMT Conduit 30.1 FT
- AVW: CAT6 Plenum Cable 27.6 FT
- AVW: 18AWG-2 Plenum Rated Cable 343.0 FT

**1 BASEMENT AUDIO PLAN**  
1/8" = 1'-0"

I:\projects\2023\2023-05-17\TBA\_Cad\Rev\NEFT\2023-05-17 E-410.dwg, 12/21/2023 5:07:48 PM



- SEC: Fixed Security Camera 21.0 EA
- SEC: Wall Mount Motion Detector 5.0 EA
- SEC: Card Reader 6.0 EA
- SEC: Door Contact 6.0 EA
- SEC: CCTV Head End Unit 2.0 EA
- SEC: Piezo Siren 1.0 EA
- P: Duplex Receptacle 1.0 EA
- SEC MISC: 4"x4" Junction Box 6.0 EA
- SECW: 2#18, 1" EMT Conduit 350.1 FT
- SECW: Multi-Conductor Composite Cable 342.5 FT
- SECW: CAT6 Plenum Cable, 1" EMT Conduit 1866.4 FT

SECURITY SYMBOL LEGEND	
SYMBOL	DESCRIPTION
[BACP]	BURGLAR ALARM CONTROL PANEL
[KP]	KEYPAD
[KP6]	KEYPAD 6180 RF
[WR]	WIRELESS REPEATER
[WR2]	WIRELESS RECEIVER
[TRC]	TRANSMITTER CONTACT
[WDC]	WIRELESS DOOR CONTACT
[PS]	PIEZO SIREN
[WMD]	WALL MOUNT MOTION DET.
[CMD]	CEILING MOUNT MOTION DET.
[WMD]	WALL MOUNT MOTION DET.
[WCBM]	WIRELESS GLASS BREAK MONITOR
[RM]	RELAY MODULE
[EAS]	ELECTRONIC ARTICLE SURV.
[EAS]	EAS ANTENNA
[DC]	DOMED CAMERA
[FDC]	FIXED DOMED CAMERA
[CCTV]	CCTV HEAD END UNIT
[DASS]	DOOR ACCESS SECURITY SYSTEM
[CR]	CARD READER

REFER TO E-703 FOR SECURITY SYSTEM ROUGH-IN DETAILS

SHOWN FOR REFERENCE AND BIDDING PURPOSES ONLY. REFER TO JOB SPECIFIC SHOP DRAWINGS BEFORE INSTALLATION. E.C. IS RESPONSIBLE FOR ALL CONDUIT AND BACKBOXES

DOOR SCHEDULE - DOOR ACCESS SYSTEM			
ROOM NUMBER	DOOR SET	ROOM	ELECTRICAL REQUIREMENTS/E.C.*
122	1	LAN ROOM	SEE DETAIL 6/E-703 FOR ADDITIONAL INFORMATION.
106,109,110	1	SALES TO BOX	SEE DETAIL 7/E-703 FOR ADDITIONAL INFORMATION.
119	1	SECURITY ROOM	SEE DETAIL 9/E-703 FOR ADDITIONAL INFORMATION.
121	1	ADMIN OFFICE	SEE DETAIL 16/E-703 FOR ADDITIONAL INFORMATION.
106	1	EMPLOYEE ENTRANCE	SEE DETAIL 18/E-703 FOR ADDITIONAL INFORMATION.
107	1	EXTERIOR TO NIGHT BOX	SEE DETAIL 19/E-703 FOR ADDITIONAL INFORMATION.
118	1	STOCK ROOM TO NIGHT BOX	SEE DETAIL 20/E-703 FOR ADDITIONAL INFORMATION.

NOTE:  
 • ALL WIRE SHALL BE PLENUM RATED.  
 • ALL WIRE SUPPORTS BY VENDOR.  
 • POWER FOR LOW VOLTAGE STRIKES BY CUBE.  
 • NOT ALL DOORS AND ROOMS LISTED ABOVE MAY BE USED ON THIS PROJECT. REFER TO PLANS FOR EXACT ROOMS.  
 • E.C. SHALL COORDINATE DOOR SET NUMBER WITH ARCHITECTURAL PRINTS.

NOTE:  
 • ALL WIRE SHALL BE PLENUM RATED.  
 • ALL WIRE SUPPORTS BY VENDOR.  
 • POWER FOR LOW VOLTAGE STRIKES BY CUBE.  
 • NOT ALL DOORS AND ROOMS LISTED ABOVE MAY BE USED ON THIS PROJECT. REFER TO PLANS FOR EXACT ROOMS.  
 • E.C. SHALL COORDINATE DOOR SET NUMBER WITH ARCHITECTURAL PRINTS.

GENERAL NOTES:  
 1. E.C. SHALL PROVIDE ALL CONDUIT AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. IF CONDUIT IS NOT REQUIRED PER CODE, E.C. SHALL, AT MINIMUM, PROVIDE CONDUIT AND PULL STRING FOR ALL WIRING WITHIN WALLS WITH STUB-UP 6" ABOVE CEILING.

- KEY NOTES:
- PROVIDE A JUNCTION BOX MOUNTED TO THE STRUCTURAL CEILING FOR FUTURE BURGLARY DEVICE. BURGLARY DEVICES SUCH AS GLASS BREAK SENSORS AND MOTION DETECTORS SHALL BE PROVIDED BY THE SECURITY CONTRACTOR.
  - FUTURE SECURITY CAMERA.
  - REFER TO ENLARGED PLAN OF LAN ROOM ON SHEET E-501 FOR IT/SECURITY EQUIPMENT REQUIRING POWER IN THIS ROOM.
  - APPROXIMATE LOCATION OF SECURITY KEY PAD AT EMPLOYEE ENTRANCE (1 PER STORE). PROVIDE BACKBOX AND CONDUIT STUB-UP 6" ABOVE CEILING. VERIFY EXACT LOCATION WITH H&M SECURITY MANAGER. COORDINATE EXACT WIRING REQUIREMENTS WITH H&M SECURITY VENDOR.
  - NOT USED.
  - PROVIDE A JUNCTION BOX FOR BURG MOTION SENSOR. VERIFY EXACT LOCATION AND QUANTITY PRIOR TO BID.
  - HEAD END MONITOR AND SANSUNG-SCC-100 TO BE MOUNTED IN THE MANAGER/SECURITY ROOM. FINAL LOCATION TO BE FIELD VERIFIED BY H&M SECURITY MANAGER.
  - NOT USED.
  - PROVIDE AN UNCONTROLLED RECEPTACLE AT 6" BELOW CEILING FOR WIRELESS REPEATER. VERIFY LOCATION OF WIRELESS REPEATER WITH VENDOR PRIOR TO ROUGH-IN. REFER TO SHEET E-310 FOR CIRCUIT INFORMATION. RECEPTACLE IS NOT TO BE INSTALLED IN THE PORTALS.
  - NOT USED.
  - J-BOX FOR SAFE DOOR CONTACT. MOUNT HORIZONTAL, 4" ABOVE SAFE ALIGNED WITH LATCH SIDE OF DOOR. COORDINATE EXACT SIZE, LOCATION OF LATCH SIDE OF DOOR, AND LOCATION OF SAFE WITH H&M PM.
  - NOT USED.

1 BASEMENT SECURITY PLAN



JEFFREY TAYLOR ARCHITECT  
 572 NORTH BROADWAY  
 WHITE PLAINS, NEW YORK 10603  
 TEL 914 289 0011



REVISION:

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SHEET TITLE:  
 SECURITY PLAN BASEMENT



SHEET NO.: E-411

REV. NO.:

D.O.B. NO.:

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DRAWN BY:	TBA
SCALE:	AS NOTED

SHEET TITLE:  
**FIRE ALARM PLAN BASEMENT**

**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHROP BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO:  
**E-412**

REV. NO:

D.O.B. NO:

**GENERAL NOTES:**

- REFER TO SHEET E-702 FOR MORE INFORMATION/DETAIL.
- FURNISH, INSTALL AND LOCATE FLUSH-MOUNTED REMOTE ANNUNCIATOR PANELS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION.
- VERIFY ALL FIRE ALARM REQUIREMENTS WITH MALL'S FIRE ALARM CONTRACTOR, INCLUDING MONITORING OF DUCT DETECTORS.
- DEVICES SHOWN ON THIS PLAN ARE H&M'S MINIMUM REQUIREMENTS FOR INSURANCE PURPOSES. FIRE ALARM SYSTEM TO BE PROVIDED PER LOCAL CODE AND MALL REQUIREMENTS. IF A SYSTEM IS NOT REQUIRED, THEN DEVICES TO BE INSTALLED PER PLAN AND H&M MINIMUM REQUIREMENTS.
- FIRE ALARM SYSTEM IS TO BE BID PER THE PLAN LAYOUT.
- PROVIDE ALL MODULES, CONNECTIONS & ASSOCIATED WIRING NECESSARY FOR A COMPLETE AND FULLY FUNCTIONAL INSTALLATION, INCLUDING REMOTE TEST STATIONS FOR ALL UNITS REQUIRED PER LOCAL CODE.

**KEY NOTES:**

- DUCT SMOKE DETECTORS WITH REMOTE TEST SWITCH FURNISHED BY FIRE ALARM CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY FIRE ALARM CONTRACTOR. MECHANICAL CONTRACTOR TO INTERLOCK DETECTOR WITH RTVU FOR SHUT DOWN OF HVAC UNIT.
- PROVIDE AND CONNECT REMOTE TEST SWITCH TO DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF UNIT. VERIFY LOCATION OF VISUAL INDICATOR LIGHTS.
- PROVIDE CONNECTION TO FIRE ALARM CONTROL PANEL FOR SHUT DOWN OF MUSIC SYSTEM UPON ACTIVATION OF THE FIRE ALARM SYSTEM.



- FA: Fire Alarm Smoke Detector, Ceiling Mounted 20.0 EA
- FA: Fire Alarm Horn/Strobe 18.0 EA
- FA: Fire Alarm Control Panel 0.0 EA
- FA: Manual Pull Station 1.0 EA
- FA: Fire Alarm Strobe Device 4.0 EA
- ⓧ FAW: 2#14, 3/4" EMT Conduit 501.4 FT
- ⓧ FAW: #18 AWG Twisted Shielded Pair Cable, 3/4" EMT Con... 527.7 FT

SYMBOL	DESCRIPTION
(□) (□)	ABOVE CEILING AND CEILING-MOUNTED SMOKE DETECTOR
(□) (□)	FIRE ALARM HORN/SROBE DEVICE
(□) (□)	FIRE ALARM SPEAKER/SROBE DEVICE
(□) (□)	FIRE ALARM STROBE (VISUAL) DEVICE
(□) (□)	SPRINKLER SYSTEM FLOW SWITCH BY FPG WIRED BY E.C. COORDINATE WITH MECHANICAL CONTRACTOR.
(□) (□)	SPRINKLER SYSTEM TAMPER SWITCH BY FPG WIRED BY E.C. COORDINATE WITH MECHANICAL CONTRACTOR.
(□) (□)	DUCT-TYPE SMOKE DETECTOR WITH REMOTE TEST STATION PROVIDED BY LANDLORD'S ELECTRICAL CONTRACTOR TO MATCH F.A. SYSTEM DEVICES. WIRED BY E.C. - INSTALLED BY MECHANICAL CONTRACTOR PER CODE. COORDINATE EXACT LOCATION WITH HVAC CONTRACTOR & MANUFACTURER. PROVIDE CONDUIT & WIRING NECESSARY TO SHUT DOWN HVAC UNIT UPON SMOKE DETECTOR ACTIVATION.
(□) (□)	FIRE ALARM CONTROL PANEL
(□) (□)	MANUAL PULL STATION MOUNTED 48" AFF TO TOP
(□) (□)	MONITORING MODULE
(□) (□)	RELAY MODULE
(□) (□)	FIRE ALARM REMOTE ANNUNCIATOR (FLUSH MOUNTED)
(□) (□)	CEILING-MOUNTED HEAT DETECTOR (SUPERSCRIPT "E" DENOTES ELEVATOR RECALL)
(□) (□)	AUDIO RACK

**1 BASEMENT FIRE ALARM PLAN**  
1/8" = 1'-0"

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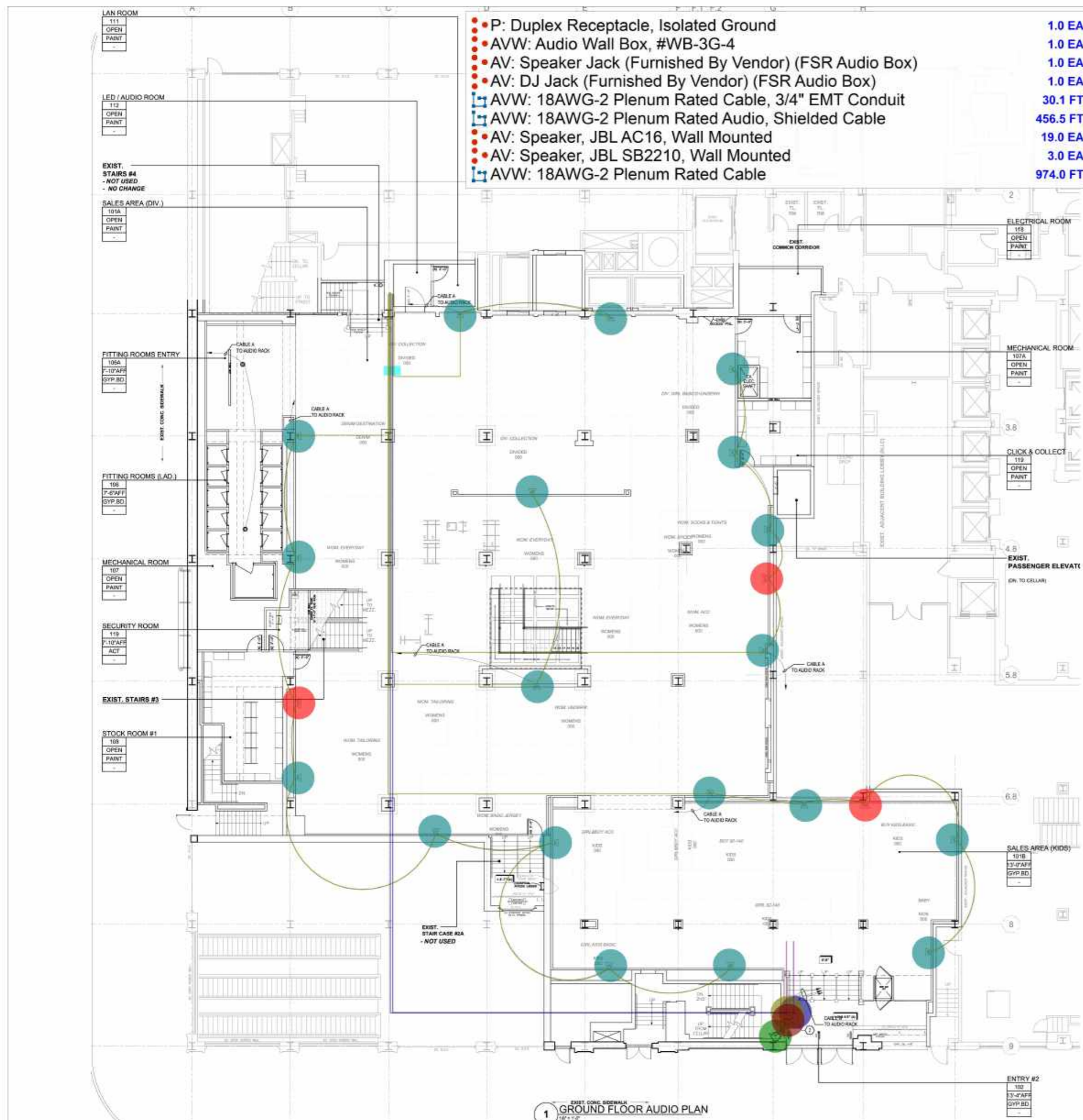
SHEET TITLE:  
AUDIO PLAN  
GROUND FLOOR

**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
**E-420**

REV. NO.

D.O.B. NO.



- P: Duplex Receptacle, Isolated Ground
- AVW: Audio Wall Box, #WB-3G-4
- AV: Speaker Jack (Furnished By Vendor) (FSR Audio Box)
- AV: DJ Jack (Furnished By Vendor) (FSR Audio Box)
- ▢ AVW: 18AWG-2 Plenum Rated Cable, 3/4" EMT Conduit
- ▢ AVW: 18AWG-2 Plenum Rated Audio, Shielded Cable
- AV: Speaker, JBL AC16, Wall Mounted
- AV: Speaker, JBL SB2210, Wall Mounted
- ▢ AVW: 18AWG-2 Plenum Rated Cable

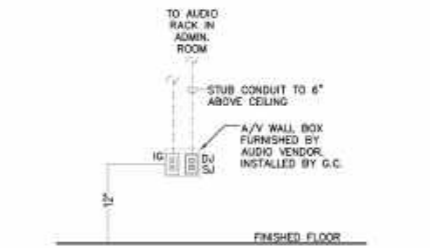
- 1.0 EA ●
- 1.0 EA ●
- 1.0 EA ●
- 1.0 EA ●
- 30.1 FT ■
- 456.5 FT ■
- 19.0 EA ●
- 3.0 EA ●
- 974.0 FT ■

**NO SYSTEM INSTALLATION NOTES**

1. DIVIDE ALL CONDUITS WITH FULL-STRING, AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. AUDIO SYSTEM VENDOR WILL FURNISH & INSTALL SPEAKER AND CONTROL WIRING. DIVIDE ALL STRUCTURAL MOUNTS FOR SPEAKERS & JACKS AS REQUIRED DUE TO CONDUIT PER DE. TAG ALL WIRES AT TERMINATION POINT. IF ADULT IS NOT REQUIRED PER CODE, ALL WIRING SHALL BE PLENUM RATED AND THE E.C. SHALL PROVIDE, AT MINIMUM, CONDUIT FOR ALL WIRING WITHIN WALLS, WITH STUB-UP 6" ABOVE CEILING.
2. DOUBLE GANG BOX AT DJ/SPEAKER JACK LOCATION WITH SINGLE GANG MUD RING, WITH 3/4" CONDUIT STUB-UP TO 6" ABOVE CEILING.
3. EV CB.2 SPEAKERS TO BE MOUNTED AT LOCATIONS SHOWN BY AUDIO VENDOR. AUDIO VENDOR TO FURNISH MOUNTING RINGS ONLY, TO BE INSTALLED BY E.C. E.C. TO PROVIDE ALL ADDITIONAL MOUNTING BOXES AND CONDUIT AS REQUIRED BY LOCAL CODE.

**KEY NOTES:**

1. RECEPTACLE FOR AUDIO EQUIPMENT TO BE INSTALLED IN AUDIO WALL BOX (FSR #WB-3G-4) FURNISHED BY AUDIO VENDOR. RECEPTACLE COLOR TO BE ORANGE. COORDINATE LOCATION WITH ARCHITECTURAL PLANS. PROVIDE CIRCUITING PER THE POWER PLANS. RECEPTACLE TO BE MOUNTED VERTICALLY. SEE DETAIL #2 ON THIS SHEET.
2. DEVICES TO BE MOUNTED IN AUDIO WALL BOX FURNISHED BY AUDIO VENDOR. REFER TO ARCHITECTURAL DETAILS. COORDINATE WITH H&M'S PROJECT MANAGER.



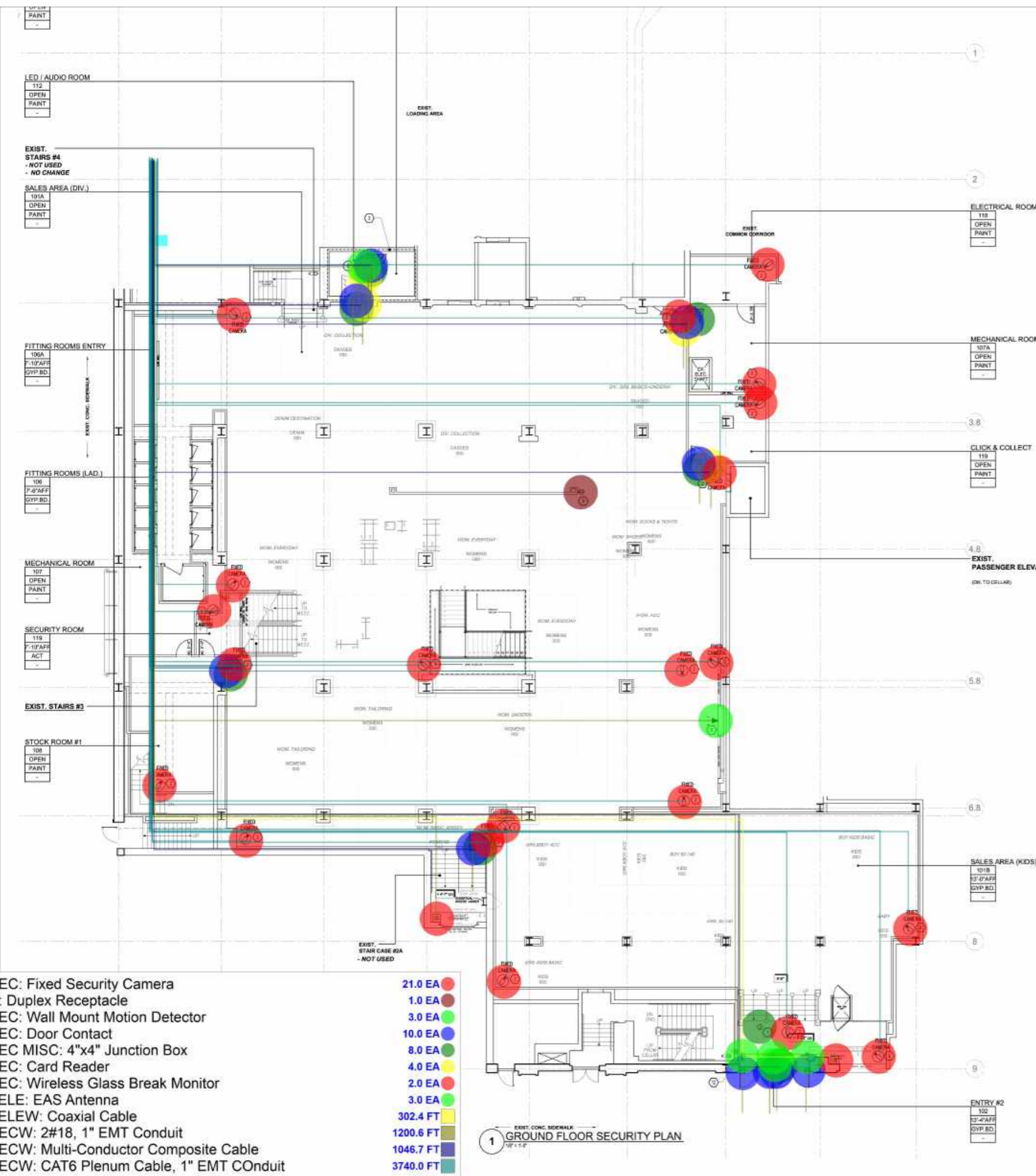
**2 STOREFRONT AUDIO JACK DETAIL**  
NO SCALE

**SHOWN FOR REFERENCE AND BIDDING PURPOSES ONLY. REFER TO JOB SPECIFIC SHOP DRAWINGS BEFORE INSTALLATION.**

SOUND SYSTEM SYMBOL LEGEND	
○	EV CB.2 SPEAKER (WHITE)
▢	JBL AC16 SPEAKER (WHITE) (WALL MOUNTED)
▢	JBL SB2210 SPEAKER (WHITE) (WALL MOUNTED)
▢	SPEAKER JACK TO BE INSTALLED IN VENDOR PROVIDED FSR AUDIO BOX @ 18" AFF.
▢	DJ JACK (FOR USED WITH H&M DJ SYSTEM) TO BE INSTALLED IN VENDOR PROVIDED FSR AUDIO BOX @ 18" AFF.
▢	EQUIPMENT RACK - LOCATED IN ADMIN OFFICE
▢	VOLUME CONTROL
▢	SOURCE CONTROL

**WIRE LEGENDS**  
 CABLE A: 18AWG (2) CONDUCTOR PLENUM RATED  
 CABLE B: 18AWG (2) CONDUCTOR PLENUM RATED AUDIO, SHIELDED  
 CABLE C: CAT6 PLENUM RATED

**1 EXIST. CONC. OVERLAP**  
**GROUND FLOOR AUDIO PLAN**  
1/8" = 1'-0"



SECURITY SYMBOL LEGEND	
SYMBOL	DESCRIPTION
[BACP]	BURGLAR ALARM CONTROL PANEL
[KP]	KEYPAD
[KP 5150 RF]	KEYPAD 5150 RF
[WR]	WIRELESS REPEATER
[WR]	WIRELESS RECEIVER
[TC]	TRANSMITTER CONTACT
[WDC]	WIRELESS DOOR CONTACT
[PS]	PIEZO SIREN
[WMD]	WALL MOUNT MOTION DET.
[CMD]	CILING MOUNT MOTION DET.
[WMD]	WALL MOUNT MOTION DET.
[WCBM]	WIRELESS CLASS BREAK MONITOR
[RM]	RELAY MODULE
[EAS]	ELECTRONIC ARTICLE SURV.
[EAS ANTENNA]	EAS ANTENNA
[DC]	DOMED CAMERA
[FDC]	FIXED DOMED CAMERA
[CCTV]	CCTV HEAD END UNIT
[DASS]	DOOR ACCESS SECURITY SYSTEM
[CR]	CARD READER

REFER TO E-703 FOR SECURITY SYSTEM ROUGH-IN DETAILS

SHOWN FOR REFERENCE AND BIDDING PURPOSES ONLY. REFER TO JOB SPECIFIC SHOP DRAWINGS BEFORE INSTALLATION. E.C. IS RESPONSIBLE FOR ALL CONDUIT AND BACKBOXES

DOOR SCHEDULE - DOOR ACCESS SYSTEM			
ROOM NUMBER	DOORSET	ROOM	ELECTRICAL REQUIREMENTS BY E.C.*
122	(1)	LAN ROOM	SEE DETAIL 6/E-703 FOR ADDITIONAL INFORMATION.
108, 109, 110	(1)	SALES TO BOX	SEE DETAIL 7/E-703 FOR ADDITIONAL INFORMATION.
119	(1)	SECURITY ROOM	SEE DETAIL 8/E-703 FOR ADDITIONAL INFORMATION.
121	(1)	ADMIN OFFICE	SEE DETAIL 16/E-703 FOR ADDITIONAL INFORMATION.
106	(1)	EMPLOYEE ENTRANCE	SEE DETAIL 18/E-703 FOR ADDITIONAL INFORMATION.
107	(1)	EXTERIOR TO NIGHT BOX	SEE DETAIL 19/E-703 FOR ADDITIONAL INFORMATION.
118	(1)	STOCK ROOM TO NIGHT BOX	SEE DETAIL 20/E-703 FOR ADDITIONAL INFORMATION.

NOTE:  
 \* ALL WIRE SHALL BE PLENUM RATED.  
 \* ALL WIRE SUPPORTS BY VENDOR.  
 \* POWER FOR LOW VOLTAGE STRIKES BY CUBE.  
 \* NOT ALL DOORS AND ROOMS LISTED ABOVE MAY BE USED ON THIS PROJECT. REFER TO PLANS FOR EXACT ROOMS.  
 \* E.C. SHALL COORDINATE DOOR SET NUMBER WITH ARCHITECTURAL PRINTS.

GENERAL NOTES:  
 1. E.C. SHALL PROVIDE ALL CONDUIT AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. IF CONDUIT IS NOT REQUIRED PER CODE, E.C. SHALL, AT MINIMUM, PROVIDE CONDUIT AND PULL STRING FOR ALL WIRING WITHIN WALLS WITH STUB-UP 6" ABOVE CEILING.

KEY NOTES:  
 1. PROVIDE A JUNCTION BOX MOUNTED TO THE STRUCTURAL CEILING FOR FUTURE BURGLARY DEVICE. BURGLARY DEVICES SUCH AS GLASS BREAK SENSORS AND MOTION DETECTORS SHALL BE PROVIDED BY THE SECURITY CONTRACTOR.  
 2. FUTURE SECURITY CAMERA.  
 3. REFER TO ENLARGED PLAN OF LAN ROOM ON SHEET E-501 FOR IT/SECURITY EQUIPMENT REQUIRING POWER IN THIS ROOM.  
 4. NOT USED.  
 5. NOT USED.  
 6. PROVIDE A JUNCTION BOX FOR BURG MOTION SENSOR. VERIFY EXACT LOCATION AND QUANTITY PRIOR TO BID.  
 7. NOT USED.  
 8. NOT USED.  
 9. PROVIDE AN UNCONTROLLED RECEPTACLE AT 6" BELOW CEILING FOR WIRELESS REPEATER. VERIFY LOCATION OF WIRELESS REPEATER WITH VENDOR PRIOR TO ROUGH-IN. REFER TO SHEET E-310 FOR CIRCUIT INFORMATION. RECEPTACLE IS NOT TO BE INSTALLED IN THE PORTALS.  
 10. NOT USED.  
 11. NOT USED.  
 12. GC TO PROVIDE ALUMINUM SCREENING OR FOL BEHIND FINISH TO PROTECT PEDESTAL FROM STRUCTURAL STEEL AND FRAMING. PROVIDE FROM FINISHED FLOOR TO THE CEILING AND 2'-4" WIDE.

- SEC: Fixed Security Camera 21.0 EA
- P: Duplex Receptacle 1.0 EA
- SEC: Wall Mount Motion Detector 3.0 EA
- SEC: Door Contact 10.0 EA
- SEC MISC: 4"x4" Junction Box 8.0 EA
- SEC: Card Reader 4.0 EA
- SEC: Wireless Glass Break Monitor 2.0 EA
- TELE: EAS Antenna 3.0 EA
- TELEW: Coaxial Cable 302.4 FT
- SECW: 2#18, 1" EMT Conduit 1200.6 FT
- SECW: Multi-Conductor Composite Cable 1046.7 FT
- SECW: CAT6 Plenum Cable, 1" EMT Conduit 3740.0 FT

1 GROUND FLOOR SECURITY PLAN



JEFFREY TAYLOR ARCHITECT  
 572 NORTH BROADWAY  
 WHITE PLAINS, NEW YORK 10603  
 TEL 914 289 0011



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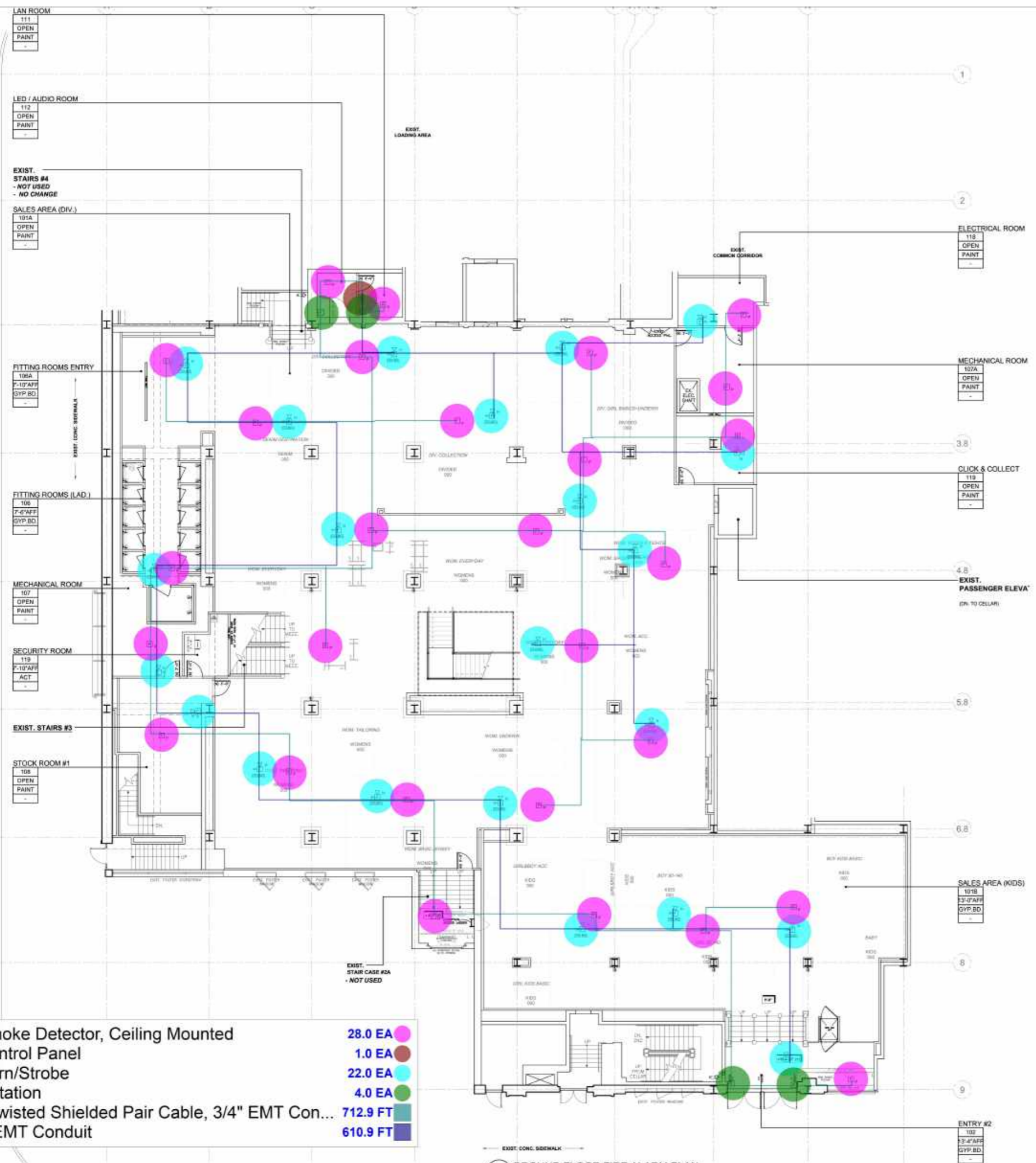
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 DRAWN BY: TBA  
 SCALE: AS NOTED

SHEET TITLE:  
 SECURITY PLAN  
 GROUND FLOOR

H&M  
 2024  
 STORE NO. US 0762 - FLAGSHIP  
 WOODWARD & LOthrop BUILDING  
 1020 G STREET, NW  
 WASHINGTON, DC

SHEET NO:  
**E-421**  
 REV. NO:

D.O.B. NO:



- GENERAL NOTES:**
- REFER TO SHEET E-702 FOR MORE INFORMATION/DETAIL.
  - FURNISH, INSTALL AND LOCATE FLUSH-MOUNTED REMOTE ANNUNCIATOR PANELS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION.
  - VERIFY ALL FIRE ALARM REQUIREMENTS WITH MALL'S FIRE ALARM CONTRACTOR, INCLUDING MONITORING OF DUCT DETECTORS.
  - DEVICES SHOWN ON THIS PLAN ARE H&M'S MINIMUM REQUIREMENTS FOR INSURANCE PURPOSES. FIRE ALARM SYSTEM TO BE PROVIDED PER LOCAL CODE AND MALL REQUIREMENTS. IF A SYSTEM IS NOT REQUIRED, THEN DEVICES TO BE INSTALLED PER PLAN AND H&M MINIMUM REQUIREMENTS.
  - FIRE ALARM SYSTEM IS TO BE BID PER THE PLAN LAYOUT.
  - PROVIDE ALL MODULES, CONNECTIONS & ASSOCIATED WIRING NECESSARY FOR A COMPLETE AND FULLY FUNCTIONAL INSTALLATION, INCLUDING REMOTE TEST STATIONS FOR ALL UNITS REQUIRED PER LOCAL CODE.

- KEY NOTES:**
- DUCT SMOKE DETECTORS WITH REMOTE TEST SWITCH FURNISHED BY FIRE ALARM CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY FIRE ALARM CONTRACTOR. MECHANICAL CONTRACTOR TO INTERLOCK DETECTOR WITH RTU FOR SHUT DOWN OF HVAC UNIT.
  - PROVIDE AND CONNECT REMOTE TEST SWITCH TO DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF UNIT. VERIFY LOCATION OF VISUAL INDICATOR LIGHTS.
  - PROVIDE CONNECTION TO FIRE ALARM CONTROL PANEL FOR SHUT DOWN OF MUSIC SYSTEM UPON ACTIVATION OF THE FIRE ALARM SYSTEM.

SYMBOL	DESCRIPTION
[Symbol]	ABOVE CEILING AND CEILING-MOUNTED SMOKE DETECTOR
[Symbol]	FIRE ALARM HORN/STROBE DEVICE
[Symbol]	FIRE ALARM SPEAKER/STROBE DEVICE
[Symbol]	FIRE ALARM STROBE (VISUAL) DEVICE
[Symbol]	SPRINKLER SYSTEM FLOW SWITCH BY FPC WIRED BY E.C. COORDINATE WITH MECHANICAL CONTRACTOR.
[Symbol]	SPRINKLER SYSTEM TAMPER SWITCH BY FPC WIRED BY E.C. COORDINATE WITH MECHANICAL CONTRACTOR.
[Symbol]	DUCT-TYPE SMOKE DETECTOR WITH REMOTE TEST STATION PROVIDED BY LANDLORD'S ELECTRICAL CONTRACTOR TO MATCH F.A. SYSTEM DEVICES. WIRED BY E.C. - INSTALLED BY MECHANICAL CONTRACTOR PER CODE. COORDINATE EXACT LOCATION WITH HVAC CONTRACTOR & MANUFACTURER. PROVIDE CONDUIT & WIRING NECESSARY TO SHUT DOWN HVAC UNIT UPON SMOKE DETECTOR ACTIVATION.
[Symbol]	FIRE ALARM CONTROL PANEL
[Symbol]	MANUAL PULL STATION MOUNTED 48" AFF TO TOP.
[Symbol]	MONITORING MODULE
[Symbol]	RELAY MODULE
[Symbol]	FIRE ALARM REMOTE ANNUNCIATOR (FLUSH MOUNTED)
[Symbol]	CEILING-MOUNTED HEAT DETECTOR (SUPERSCRIPT "E" DENOTES ELEVATOR RECALL)
[Symbol]	AUDIO RACK

- FA: Fire Alarm Smoke Detector, Ceiling Mounted
  - FA: Fire Alarm Control Panel
  - FA: Fire Alarm Horn/Strobe
  - FA: Manual Pull Station
  - FAW: #18 AWG Twisted Shielded Pair Cable, 3/4" EMT Con...
  - FAW: 2#14, 3/4" EMT Conduit
- 28.0 EA
  - 1.0 EA
  - 22.0 EA
  - 4.0 EA
  - 712.9 FT
  - 610.9 FT



**JEFFREY TAYLOR ARCHITECT**

572 NORTH BROADWAY  
WHITE PLAINS, NEW YORK 10603  
TEL 914 289 0011



**REVISION:**

NO.	DATE	DESCRIPTION

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DRAWN BY: TBA  
SCALE: AS NOTED

SHEET TITLE:  
**FIRE ALARM PLAN  
GROUND FLOOR**

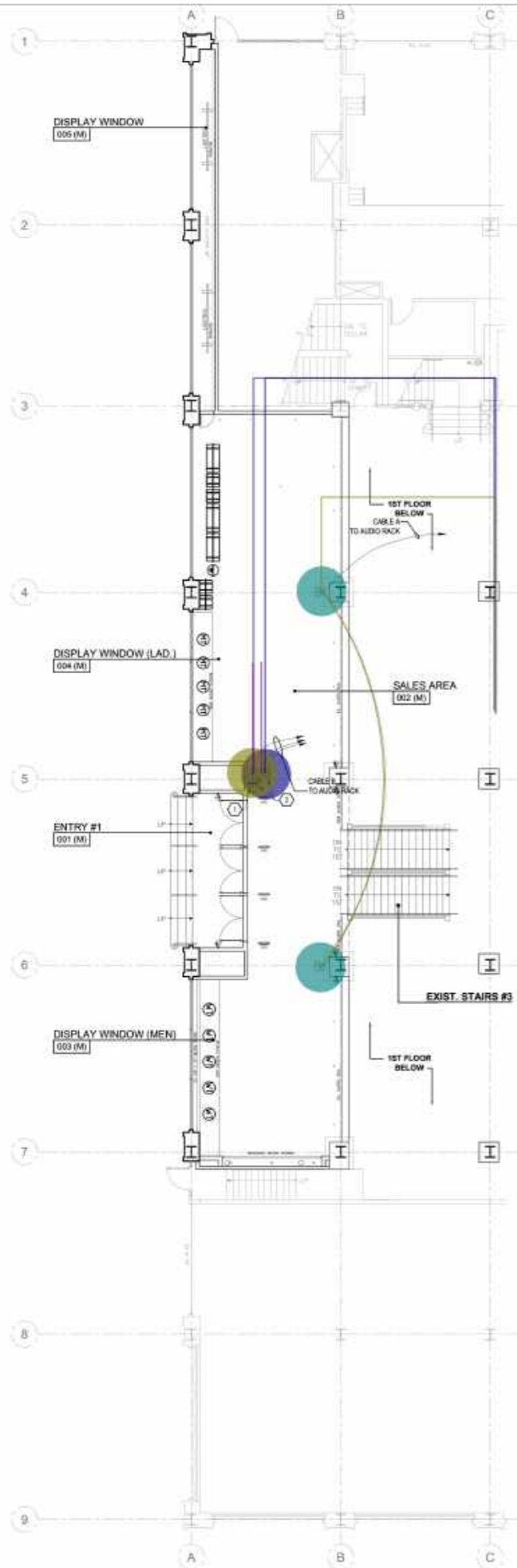
**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
**E-422**

REV. NO.:  
D.O.B. NO.:

**GROUND FLOOR FIRE ALARM PLAN**



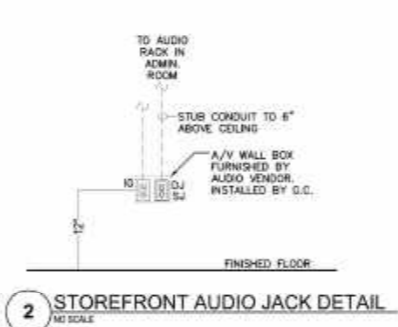


1 MEZZANINE AUDIO PLAN  
1/8" = 1'-0"

- SOUND SYSTEM INSTALLATION NOTES**
1. PROVIDE ALL CONDUITS, WITH FULL-STRING, AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. AUDIO SYSTEM VENDOR WILL FURNISH AND INSTALL SPEAKER AND CONTROL WIRING. PROVIDE ALL STRUCTURAL MOUNTS FOR SPEAKERS AND J-BOXES AS REQUIRED DUE TO CONDUIT PER CODE. TAG ALL WIRES AT TERMINATION POINT. IF CONDUIT IS NOT REQUIRED PER CODE, ALL WIRING SHALL BE PLENUM RATED AND THE E.C. SHALL PROVIDE AT MINIMUM CONDUIT FOR ALL WIRING WITHIN WALLS, WITH STUB-UP 6" ABOVE CEILING.
  2. DOUBLE GANG BOX AT DJ/SPEAKER JACK LOCATION WITH SINGLE GANG W/LO RING, WITH 3/4" CONDUIT STUB-UP TO 6" ABOVE CEILING.
  3. EV CR.2 SPEAKERS TO BE MOUNTED AT LOCATIONS SHOWN BY AUDIO VENDOR. AUDIO VENDOR TO FURNISH MOUNTING RINGS ONLY, TO BE INSTALLED BY E.C. E.C. TO PROVIDE ALL ADDITIONAL MOUNTING BOXES AND CONDUIT AS REQUIRED BY LOCAL CODE.

**KEY NOTES:**

1. RECEPTACLE FOR AUDIO EQUIPMENT TO BE INSTALLED IN AUDIO WALL BOX (FSP #WG-30-4) FURNISHED BY AUDIO VENDOR. RECEPTACLE COLOR TO BE ORANGE. COORDINATE LOCATION WITH ARCHITECTURAL PLANS. PROVIDE CIRCUITING PER THE POWER PLANS. RECEPTACLE TO BE MOUNTED VERTICALLY. SEE DETAIL #2 ON THIS SHEET.
2. DEVICES TO BE MOUNTED IN AUDIO WALL BOX FURNISHED BY AUDIO VENDOR. REFER TO ARCHITECTURAL DETAILS. COORDINATE WITH H&M'S PROJECT MANAGER.



SHOWN FOR REFERENCE AND BIDDING PURPOSES ONLY. REFER TO JOB SPECIFIC SHOP DRAWINGS BEFORE INSTALLATION.

SOUND SYSTEM SYMBOL LEGEND	
	EV CR.2 SPEAKER (WHITE)
	JBL AC16 SPEAKER (WHITE) (WALL MOUNTED)
	JBL S82210 SPEAKER (WHITE) (WALL MOUNTED)
	SPEAKER JACK TO BE INSTALLED IN VENDOR PROVIDED FOR AUDIO BOX @ 18" AFF.
	DJ JACK (FOR USED WITH HAM DJ SYSTEM) TO BE INSTALLED IN VENDOR PROVIDED FOR AUDIO BOX @ 18" AFF.
	EQUIPMENT RACK - LOCATED IN ADMIN OFFICE
	VOLUME CONTROL
	SOURCE CONTROL

**WIRE LEGENDS**  
 CABLE A: 18AWG (2) CONDUCTOR PLENUM RATED  
 CABLE B: 18AWG (2) CONDUCTOR PLENUM RATED AUDIO, SHIELDED  
 CABLE C: CAT6 PLENUM RATED



REVISION:

NO.	DATE	DESCRIPTION

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ARCH PROJECT NO.: 10825  
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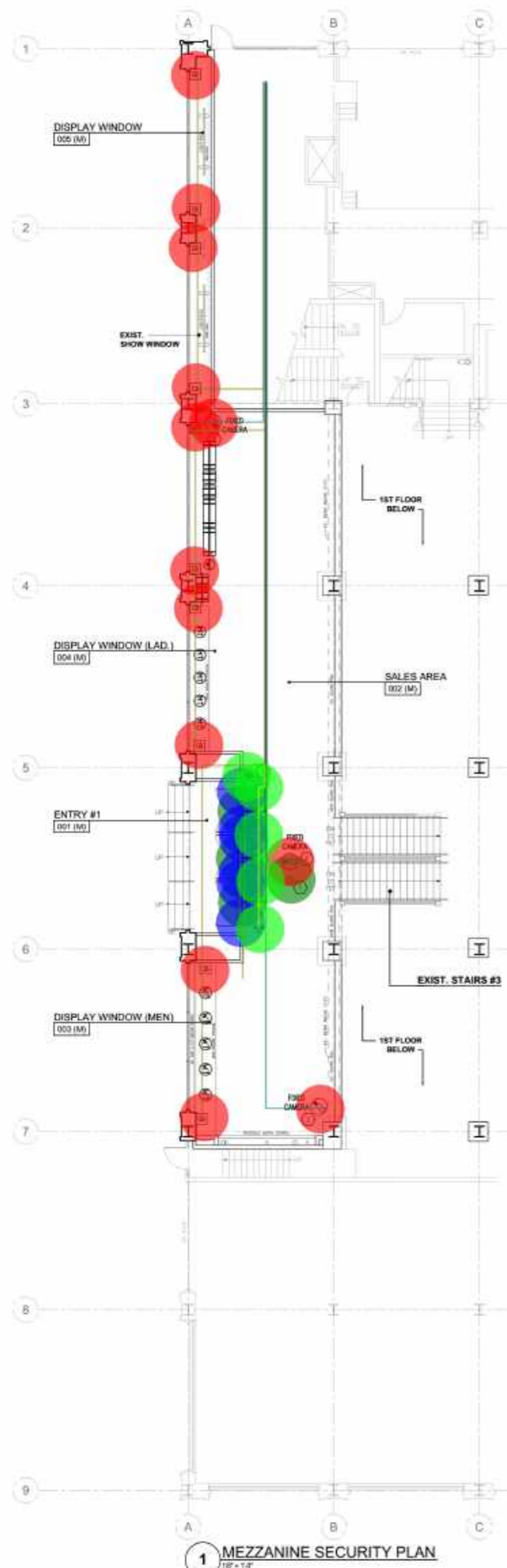
SHEET TITLE:  
 AUDIO PLAN  
 MEZZANINE



SHEET NO.:  
**E-430**

REV. NO.:

D.O.B. NO.:



1 MEZZANINE SECURITY PLAN  
1/8" = 1'-0"

SECURITY SYMBOL LEGEND	
SYMBOL	DESCRIPTION
(SOP)	BURGLAR ALARM CONTROL PANEL
(K)	KEYPAD
(KRF)	KEYPAD 6180 RF
(WR)	WIRELESS REPEATER
(WRV)	WIRELESS RECEIVER
(TC)	TRANSMITTER CONTACT
(MDC)	WIRELESS DOOR CONTACT
(PS)	PIEZO SIREN
(MMD)	WALL MOUNT MOTION DET.
(CMD)	CEILING MOUNT MOTION DET.
(MMD)	WALL MOUNT MOTION DET.
(WGBM)	WIRELESS GLASS BREAK MONITOR
(RM)	RELAY MODULE
(EAS)	ELECTRONIC ARTICLE SURV.
(EAS)	EAS ANTENNA
(DC)	DOMED CAMERA
(FDC)	FIXED DOMED CAMERA
(CCTV)	CCTV HEAD END END UNIT
(DASS)	DOOR ACCESS SECURITY SYSTEM
(CR)	CARD READER

REFER TO E-703 FOR SECURITY SYSTEM ROUGH-IN DETAILS

SHOWN FOR REFERENCE AND BIDDING PURPOSES ONLY. REFER TO JOB SPECIFIC SHOP DRAWINGS BEFORE INSTALLATION. E.C. IS RESPONSIBLE FOR ALL CONDUIT AND BACKBOXES

\* WIRE BY OTHERS. CONDUIT, PULL STRING, AND ROUGH IN BOX BY E.C. AS REQUIRED PER LOCAL AUTHORITIES HAVING JURISDICTION.

DOOR SCHEDULE - DOOR ACCESS SYSTEM			
DOOR NUMBER	DOOR SET	ROOM	ELECTRICAL REQUIREMENTS BY E.C.*
122	(1)	LAN ROOM	SEE DETAIL 6/E-703 FOR ADDITIONAL INFORMATION.
108,109,110	(1)	SALES TO BOH	SEE DETAIL 7/E-703 FOR ADDITIONAL INFORMATION.
119	(1)	SECURITY ROOM	SEE DETAIL 8/E-703 FOR ADDITIONAL INFORMATION.
121	(5)	ADMIN OFFICE	SEE DETAIL 16/E-703 FOR ADDITIONAL INFORMATION.
106	(2)	EMPLOYEE ENTRANCE	SEE DETAIL 18/E-703 FOR ADDITIONAL INFORMATION.
107	(2)	EXTERIOR TO NIGHT BOX	SEE DETAIL 19/E-703 FOR ADDITIONAL INFORMATION.
116	(2)	STOCK ROOM TO NIGHT BOX	SEE DETAIL 20/E-703 FOR ADDITIONAL INFORMATION.

NOTE:  
 \* ALL WIRE SHALL BE PLENUM RATED.  
 \* ALL WIRE SUPPORTS BY VENDOR.  
 \* POWER FOR LOW VOLTAGE STRIKES BY CLUE.  
 \* NOT ALL DOORS AND ROOMS LISTED ABOVE MAY BE USED ON THIS PROJECT. REFER TO PLANS FOR EXACT ROOMS.  
 \*\* E.C. SHALL COORDINATE DOOR SET NUMBER WITH ARCHITECTURAL PRINTS.

GENERAL NOTES:  
 1. E.C. SHALL PROVIDE ALL CONDUIT AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. IF CONDUIT IS NOT REQUIRED PER CODE, E.C. SHALL, AT MINIMUM, PROVIDE CONDUIT AND PULL STRING FOR ALL WIRING WITHIN WALLS WITH STUD-UP 6" ABOVE CEILING.

KEY NOTES:  
 1. PROVIDE A JUNCTION BOX MOUNTED TO THE STRUCTURAL CEILING FOR FUTURE BURGLARY DEVICE. BURGLARY DEVICES SUCH AS GLASS BREAK SENSORS AND MOTION DETECTORS SHALL BE PROVIDED BY THE SECURITY CONTRACTOR.  
 2. FUTURE SECURITY CAMERA.  
 3. NOT USED.  
 4. NOT USED.  
 5. NOT USED.  
 6. PROVIDE A JUNCTION BOX FOR BURGLAR MOTION SENSOR. VERIFY EXACT LOCATION AND QUANTITY PRIOR TO BID.

- SEC: Wireless Glass Break Monitor 10.0 EA
- SEC MISC: 4"x4" Junction Box 4.0 EA
- TELE: EAS Antenna 4.0 EA
- SEC: Fixed Security Camera 3.0 EA
- SEC: Wall Mount Motion Detector 1.0 EA
- SEC: Door Contact 6.0 EA
- SECW: 2#18, 1" EMT Conduit 494.6 FT
- SECW: Multi-Conductor Composite Cable 329.7 FT
- TELEW: Coaxial Cable 117.4 FT
- SECW: CAT6 Plenum Cable, 1" EMT Conduit 314.6 FT

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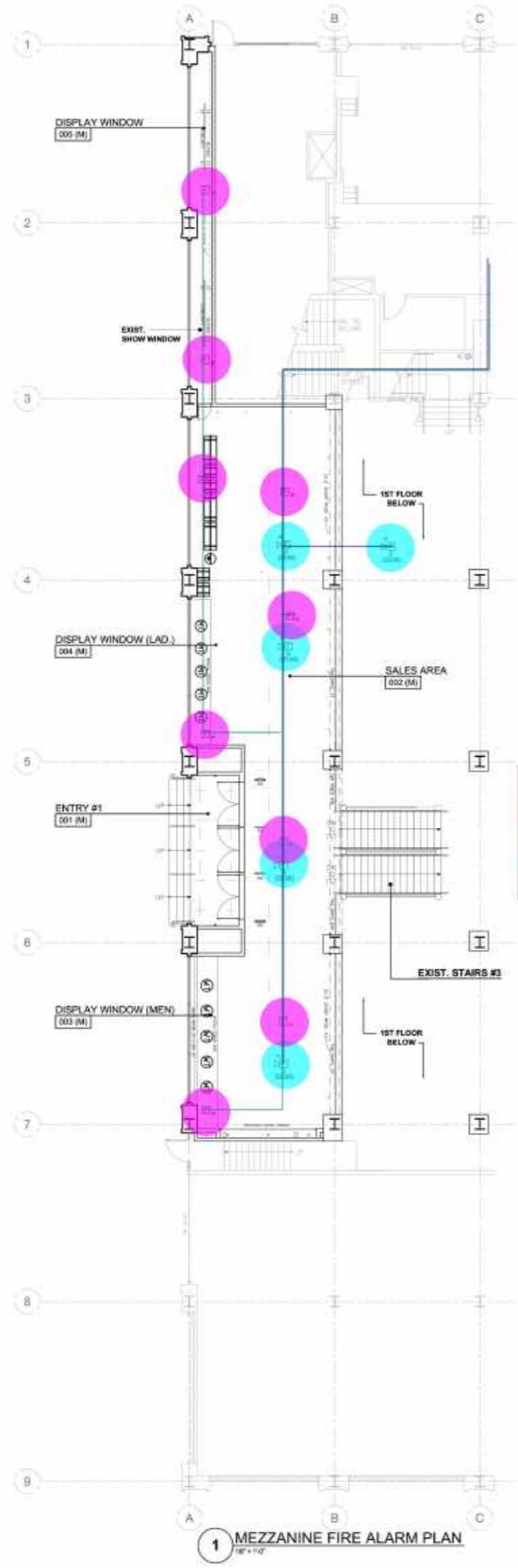
ARCH PROJECT NO.: 10825  
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 SCALE: AS NOTED

SHEET TITLE:  
 SECURITY PLAN MEZZANINE

SHEET NO:  
**E-431**

REV. NO.

D.O.B. NO.



**GENERAL NOTES:**

1. REFER TO SHEET E-702 FOR MORE INFORMATION/DETAIL.
2. FURNISH, INSTALL AND LOCATE FLUSH-MOUNTED REMOTE ANNUNCIATOR PANELS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION.
3. VERIFY ALL FIRE ALARM REQUIREMENTS WITH MALL'S FIRE ALARM CONTRACTOR, INCLUDING MONITORING OF DUCT DETECTORS.
4. DEVICES SHOWN ON THIS PLAN ARE H&M'S MINIMUM REQUIREMENTS FOR INSURANCE PURPOSES. FIRE ALARM SYSTEM TO BE PROVIDED PER LOCAL CODE AND MALL REQUIREMENTS. IF A SYSTEM IS NOT REQUIRED, THEN DEVICES TO BE INSTALLED PER PLAN AND H&M MINIMUM REQUIREMENTS.
5. FIRE ALARM SYSTEM IS TO BE BID PER THE PLAN LAYOUT.
6. PROVIDE ALL MODULES, CONNECTIONS & ASSOCIATED WIRING NECESSARY FOR A COMPLETE AND FULLY FUNCTIONAL INSTALLATION, INCLUDING REMOTE TEST STATIONS FOR ALL UNITS REQUIRED PER LOCAL CODE.

**KEY NOTES:** ①

1. DUCT SMOKE DETECTORS WITH REMOTE TEST SWITCH FURNISHED BY FIRE ALARM CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY FIRE ALARM CONTRACTOR. MECHANICAL CONTRACTOR TO INTERLOCK DETECTOR WITH RTU FOR SHUT DOWN OF HVAC UNIT.
2. PROVIDE AND CONNECT REMOTE TEST SWITCH TO DUCT SMOKE DETECTOR IN RETURN AIR DUCT OF UNIT. VERIFY LOCATION OF VISUAL INDICATOR LIGHTS.
3. PROVIDE CONNECTION TO FIRE ALARM CONTROL PANEL FOR SHUT DOWN OF MUSIC SYSTEM UPON ACTIVATION OF THE FIRE ALARM SYSTEM.

- FA: Fire Alarm Smoke Detector, Ceiling Mounted 9.0 EA
- FA: Fire Alarm Horn/Strobe 5.0 EA
- ▬ FAW: 2#14, 3/4" EMT Conduit 154.6 FT
- ▬ FAW: #18 AWG Twisted Shielded Pair Cable, 3/4" EMT Conduit 243.6 FT

SYMBOL	DESCRIPTION
□ <sub>9</sub>	ABOVE CEILING AND CEILING-MOUNTED SMOKE DETECTOR
□ <sub>10</sub>	FIRE ALARM HORN-STROBE DEVICE
□ <sub>11</sub>	FIRE ALARM SPEAKER-STROBE DEVICE
□ <sub>12</sub>	FIRE ALARM STROBE (VISUAL) DEVICE
□ <sub>13</sub>	SPRINKLER SYSTEM FLOW SWITCH BY FPC WRED BY E.C. COORDINATE WITH MECHANICAL CONTRACTOR.
□ <sub>14</sub>	SPRINKLER SYSTEM TAMPER SWITCH BY FPC WRED BY E.C. COORDINATE WITH MECHANICAL CONTRACTOR.
□ <sub>15</sub>	DUCT-TYPE SMOKE DETECTOR WITH REMOTE TEST STATION PROVIDED BY LANDLORD'S ELECTRICAL CONTRACTOR TO MATCH F.A. SYSTEM DEVICES. WRED BY E.C. - INSTALLED BY MECHANICAL CONTRACTOR PER CODE. COORDINATE EXACT LOCATION WITH HVAC CONTRACTOR & MANUFACTURER. PROVIDE CONDUIT & WIRING NECESSARY TO SHUT DOWN HVAC UNIT UPON SMOKE DETECTOR ACTIVATION.
□ <sub>16</sub>	FIRE ALARM CONTROL PANEL
□ <sub>17</sub>	MANUAL PULL STATION MOUNTED 48" AFF TO TOP.
□ <sub>18</sub>	MONITORING MODULE
□ <sub>19</sub>	RELAY MODULE
□ <sub>20</sub>	FIRE ALARM REMOTE ANNUNCIATOR (FLUSH MOUNTED)
□ <sub>21</sub>	CEILING-MOUNTED HEAT DETECTOR (SUPERSCRIP "E" DENOTES ELEVATOR RECALL)
□ <sub>22</sub>	AUDIO RACK

**1 MEZZANINE FIRE ALARM PLAN**  
1/8" = 1'-0"



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Associates  
CONSULTING  
ENGINEERS



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SHEET TITLE:  
**FIRE ALARM PLAN  
MEZZANINE**



2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO:  
**E-432**

REV. NO.

D.O.B. NO.



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34'-2 1/2"

ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.: -  
DRAWN BY: TBA  
SCALE: AS NOTED

SHEET TITLE:  
ENLARGED BOH POWER PLANS

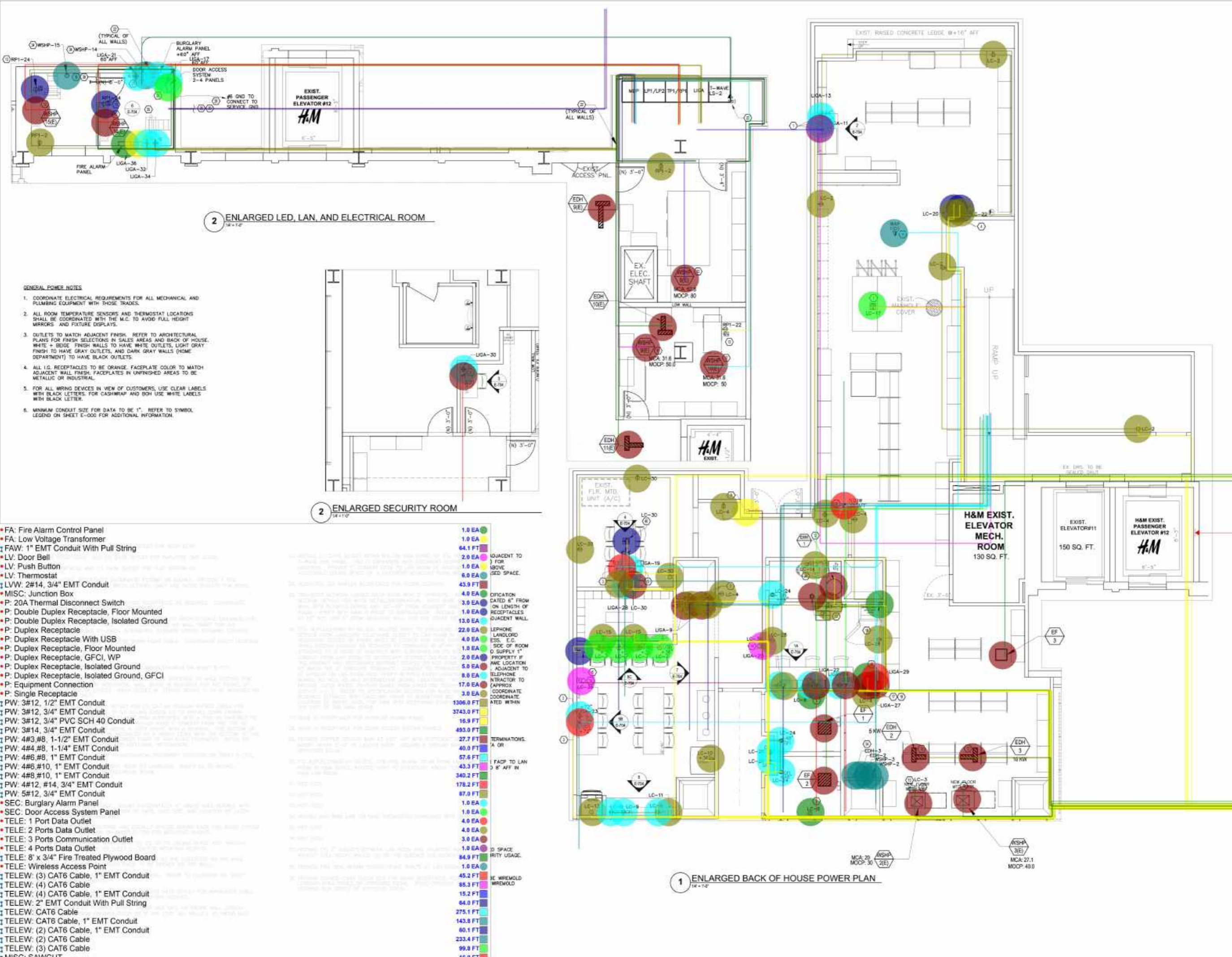


2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHPROF BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

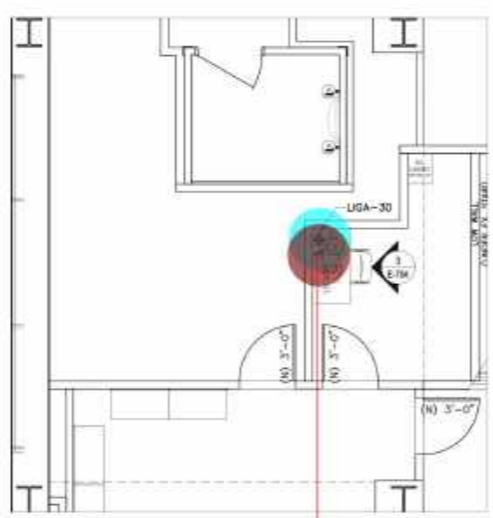
SHEET NO.:  
**E-501**

REV. NO.:

D.O.B. NO.:



2 ENLARGED LED, LAN, AND ELECTRICAL ROOM  
18'-1 1/2"



2 ENLARGED SECURITY ROOM  
18'-1 1/2"

1 ENLARGED BACK OF HOUSE POWER PLAN  
18'-1 1/2"

- GENERAL POWER NOTES**
- COORDINATE ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL AND PLUMBING EQUIPMENT WITH THOSE TRADES.
  - ALL ROOM TEMPERATURE SENSORS AND THERMOSTAT LOCATIONS SHALL BE COORDINATED WITH THE M.C. TO AVOID FULL HEIGHT MIRRORS AND FIXTURE DISPLAYS.
  - OUTLETS TO MATCH ADJACENT FINISH. REFER TO ARCHITECTURAL PLANS FOR FINISH SELECTIONS IN SALES AREAS AND BACK OF HOUSE. WHITE - BOGE FINISH WALLS TO HAVE WHITE OUTLETS, LIGHT GRAY FINISH TO HAVE GRAY OUTLETS, AND DARK GRAY WALLS (HOME DEPARTMENT) TO HAVE BLACK OUTLETS.
  - ALL I.S. RECEPTACLES TO BE ORANGE. FACEPLATE COLOR TO MATCH ADJACENT WALL FINISH. FACEPLATES IN UNFINISHED AREAS TO BE METALLIC OR INDUSTRIAL.
  - FOR ALL WIRING DEVICES IN VIEW OF CUSTOMERS, USE CLEAR LABELS WITH BLACK LETTERS. FOR CASHIER/BAF AND SOH USE WHITE LABELS WITH BLACK LETTER.
  - MINIMUM CONDUIT SIZE FOR DATA TO BE 1". REFER TO SYMBOL LEGEND ON SHEET E-000 FOR ADDITIONAL INFORMATION.

- FA: Fire Alarm Control Panel
- FA: Low Voltage Transformer
- FAW: 1" EMT Conduit With Pull String
- LV: Door Bell
- LV: Push Button
- LV: Thermostat
- LVW: 2#14, 3/4" EMT Conduit
- MISC: Junction Box
- P: 20A Thermal Disconnect Switch
- P: Double Duplex Receptacle, Floor Mounted
- P: Double Duplex Receptacle, Isolated Ground
- P: Duplex Receptacle
- P: Duplex Receptacle With USB
- P: Duplex Receptacle, Floor Mounted
- P: Duplex Receptacle, GFCI, WP
- P: Duplex Receptacle, Isolated Ground
- P: Duplex Receptacle, Isolated Ground, GFCI
- P: Equipment Connection
- P: Single Receptacle
- PW: 3#12, 1/2" EMT Conduit
- PW: 3#12, 3/4" EMT Conduit
- PW: 3#12, 3/4" PVC SCH 40 Conduit
- PW: 3#14, 3/4" EMT Conduit
- PW: 4#3, #8, 1-1/2" EMT Conduit
- PW: 4#4, #8, 1-1/4" EMT Conduit
- PW: 4#6, #8, 1" EMT Conduit
- PW: 4#6, #10, 1" EMT Conduit
- PW: 4#8, #10, 1" EMT Conduit
- PW: 4#12, #14, 3/4" EMT Conduit
- PW: 5#12, 3/4" EMT Conduit
- SEC: Burglary Alarm Panel
- SEC: Door Access System Panel
- TELE: 1 Port Data Outlet
- TELE: 2 Ports Data Outlet
- TELE: 3 Ports Communication Outlet
- TELE: 4 Ports Data Outlet
- TELE: 8' x 3/4" Fire Treated Plywood Board
- TELE: Wireless Access Point
- TELEW: (3) CAT6 Cable, 1" EMT Conduit
- TELEW: (4) CAT6 Cable
- TELEW: (4) CAT6 Cable, 1" EMT Conduit
- TELEW: 2" EMT Conduit With Pull String
- TELEW: CAT6 Cable
- TELEW: CAT6 Cable, 1" EMT Conduit
- TELEW: (2) CAT6 Cable, 1" EMT Conduit
- TELEW: (2) CAT6 Cable
- TELEW: (3) CAT6 Cable
- MISC: SAWCUT

- 1.0 EA
- 1.0 EA
- 64.1 FT
- 2.0 EA
- 1.0 EA
- 6.0 EA
- 43.9 FT
- 4.0 EA
- 3.0 EA
- 1.0 EA
- 13.0 EA
- 22.0 EA
- 4.0 EA
- 1.0 EA
- 2.0 EA
- 5.0 EA
- 8.0 EA
- 17.0 EA
- 3.0 EA
- 1306.0 FT
- 3743.0 FT
- 16.8 FT
- 493.0 FT
- 27.7 FT
- 40.0 FT
- 57.6 FT
- 43.3 FT
- 340.2 FT
- 178.2 FT
- 87.0 FT
- 1.0 EA
- 1.0 EA
- 4.0 EA
- 4.0 EA
- 3.0 EA
- 1.0 EA
- 84.9 FT
- 1.0 EA
- 45.2 FT
- 85.3 FT
- 15.2 FT
- 64.0 FT
- 275.1 FT
- 143.8 FT
- 60.1 FT
- 233.4 FT
- 99.8 FT
- 16.8 FT

- ADJACENT TO
- OPICATION
- DATED 8" FROM
- ON LENGTH OF
- RECEPTACLES
- ADJACENT WALL.
- LEPHONE
- LANDLORD
- ESS. E.C.
- SIDE OF ROOM
- O SUPPLY 1"
- PROPERTY IF
- ME LOCATION
- ADJACENT TO
- TELEPHONE
- NTRACTOR TO
- APPROX
- COORDINATE
- COORDINATE
- ATED WITHIN
- TERMINATIONS
- A OR
- 1 FACT TO LAN
- 2 8" AFF IN
- SPACE
- RITY USAGE.
- RE WIREMOLD
- WIREMOLD



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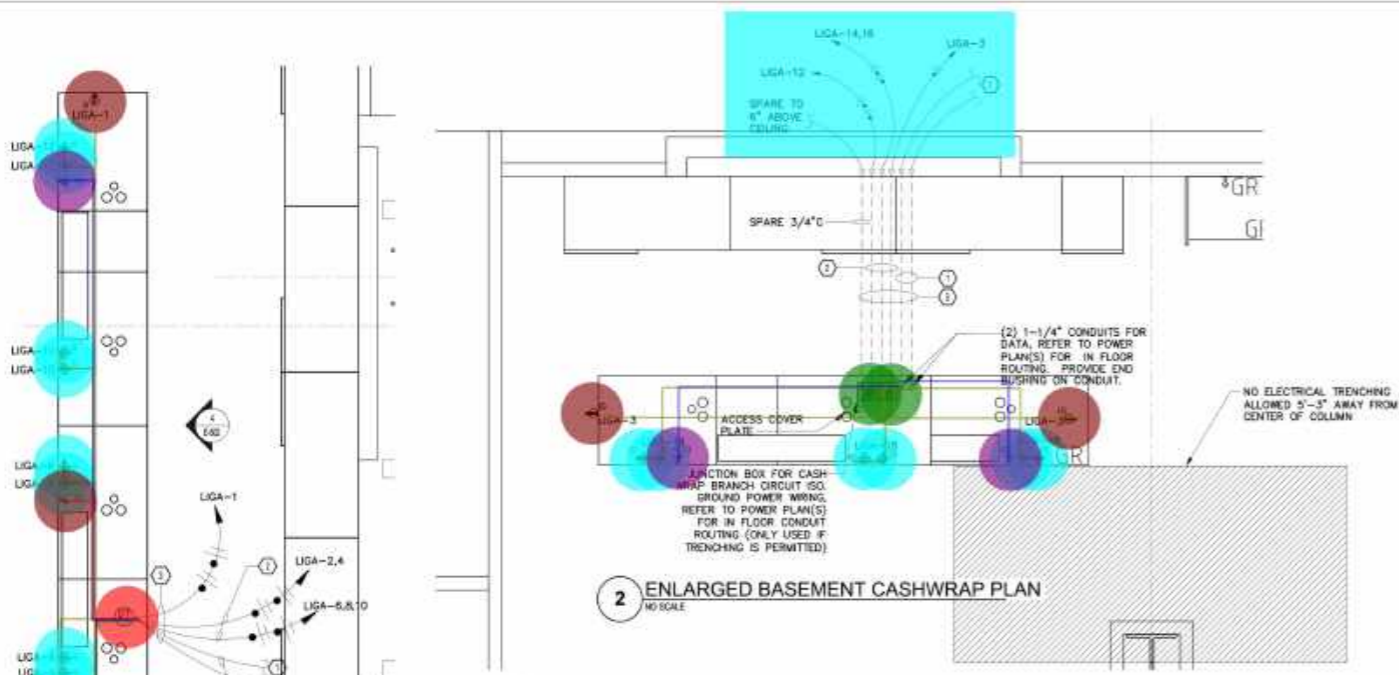
SHEET TITLE:  
ENLARGED  
POWER PLANS

2024  
**H&M**  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHROP BUILDING  
1020 G STREET, N.W.  
WASHINGTON, DC

SHEET NO.:  
**E-502**

REV. NO.:

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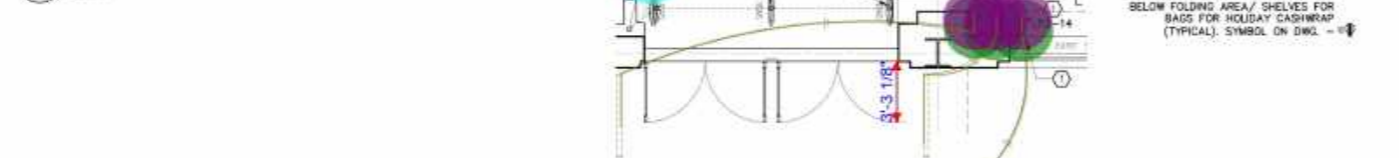


2 ENLARGED BASEMENT CASHWRAP PLAN  
NO SCALE

- KEY NOTES (1)
1. PROVIDE (2) 1-1/4" DEDICATED CONDUITS WITH PULL WIRE FROM CASHWRAP UP TO 6" ABOVE ADJACENT CEILING FOR DATA CABLE. PROVIDE TELECOMMUNICATIONS CONDUIT WITHIN FLOOR OR WITHIN ACCESSIBLE CEILING OF FLOOR BELOW, BETWEEN CASHWRAP, AND NEAREST WALL. METHOD OF CORE DRILLING, TRENCHING, ETC. SHALL BE PER BUILDING REQUIREMENTS. COORDINATE EXACT REQUIREMENT WITH HAM IT AND ARCHITECT.
  2. PROVIDE POWER CONDUIT WITHIN FLOOR OR WITHIN ACCESSIBLE CEILING OF FLOOR BELOW, BETWEEN CASHWRAP, AND NEAREST WALL. METHOD OF CORE DRILLING, TRENCHING, ETC. SHALL BE PER BUILDING REQUIREMENTS. CONTRACTOR SHALL SIZE CONDUIT PER NEC.
  3. CONDUIT STUB-UP LOCATION AT CASHWRAP MUST BE AT MILLWORK SECTION INDICATED. CANNOT STUB-UP AT CASH REGISTER BAYS.

NOTE:  
REFER TO ARCHITECTURAL  
DRAWINGS FOR DIMENSIONS OF  
CASHWRAP.

1 ENLARGED GROUND FLOOR CASHWRAP PLAN  
NO SCALE



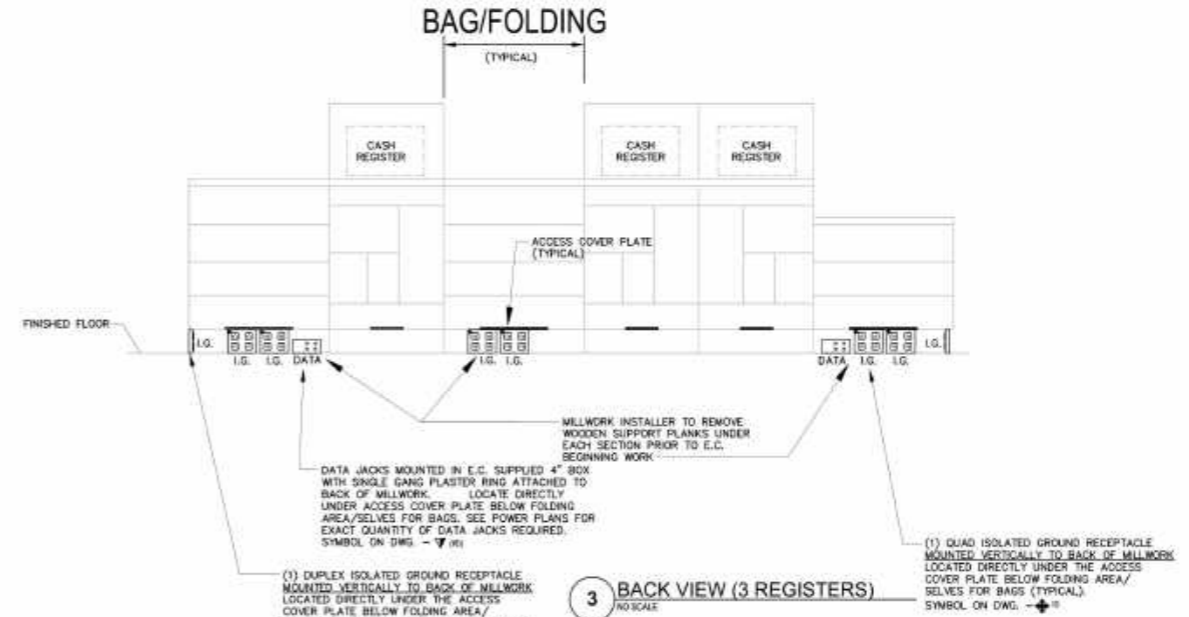
1 ENLARGED GROUND FLOOR CASHWRAP PLAN  
NO SCALE



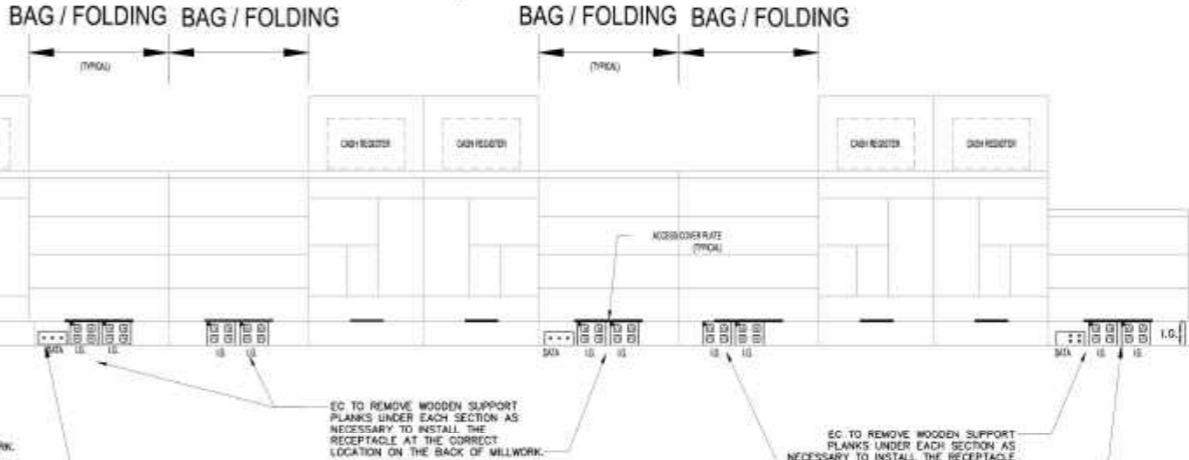
5 ENLARGED STOREFRONT VESTIBULE  
NO SCALE

- KEY NOTES (1)
1. FURNISH AND INSTALL A LOCKABLE 20A SPST TOGGLE SWITCH ABOVE CEILING FOR SIGNAGE POWER. COORDINATE WITH HAM FOR LOCATION, MOUNTING HEIGHT AND QUANTITY OF SIGN(S), AND FURNISH AND INSTALL ALL POWER, CONDUIT, WIRING, SWITCHES INTERCONNECTIONS ETC. AS REQUIRED. INCLUDE IN BID A DISTANCE OF 25' FOR INTERCONNECTIONS U.I.D. SIGN CIRCUITS MUST BE LOCATED ON OPPOSITE SIDE OF STOREFRONT THAN THE EAS CIRCUIT. DRIVERS FOR SIGNAGE SHALL NOT BE LOCATED DIRECTLY ABOVE EAS PEDESTALS, ANTENNAS, MATS, AND/OR WIRING. WIRING ON THE LINE/LOAD SIDE OF THE SIGNAGE DRIVER SHALL NOT COME INTO CONTACT WITH THE STOREFRONT FRAMING OR ROLLING GRILLE.
  2. NOT USED
  3. PROVIDE I.G. QUAD RECEPTACLE ABOVE CEILING, IN HATCH NUMBER AND 'EAS'
  4. PROVIDE DEDICATED 2(D) DATA OUTLET ABOVE CEILING POWER. PROVIDE A 1" FIRE PROOF FITTING FROM CEILING TO DATA OUTLET.
  5. PROVIDE 3/4" CONDUIT FROM HOFFMAN BOX OF ONE.
  6. PROVIDE I.G. DUPLEX RECEPTACLE FOR GSM WIRELESS.
  7. PLENUM RATED, FIRE-RATED PLYWOOD OR SHEET METAL.
  8. EAS PEDESTAL ANTENNAS. TRENCH AND/OR CORE BY CONDUIT FOR INSTALLATION IN CEILING SPACE, WITH FLOOR BOX WITH EMT CONDUIT FOR FUTURE EAS CABLES (SEE DETAIL). REFER TO DETAIL #0 ON THIS SHEET AND DETAIL #0 ON SHEET E-501.
  9. PROVIDE 3M OR HLTI PRODUCT FOR FIRE PROOF FITTING.
  10. NOT USED.
  11. E.C. TO PROVIDE 24"x24" HOFFMAN BOX WITH A HINGED COVER (LEFT SIDE). ALL INSTALLED SURFACE MOUNTED ON THE LEFT SIDE (HAM IT) WHEN THEY ARE INSTALLED.

- MISC: Junction Box 11.0 EA
- P: Single Pole Switch 7.0 EA
- TELE: 2 Ports Data Outlet 3.0 EA
- P: Double Duplex Receptacle, Isolated Ground 20.0 EA
- P: Duplex Receptacle, Isolated Ground 2.0 EA
- P: Duplex Receptacle, Isolated Ground 4.0 EA
- TELE: 3 Ports Communication Outlet 1.0 EA
- TELE: 4 Ports Data Outlet 3.0 EA
- MISC: Hoffman Box 1.0 EA
- PW: 3#12, 1/2" EMT Conduit 370.1 FT
- TELEW: (2) CAT6 Cable, 1" EMT Conduit 53.6 FT
- TELEW: (4) CAT6 Cable, 1" EMT Conduit 53.9 FT
- TELEW: (3) CAT6 Cable, 1" EMT Conduit 10.5 FT



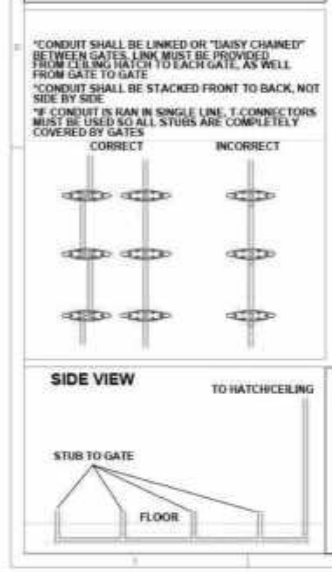
3 BACK VIEW (3 REGISTERS)  
NO SCALE



4 BACK VIEW (5 REGISTERS)  
NO SCALE



6 HOFFMAN BOX FRONT ELEVATION  
NO SCALE



7 EAS PEDESTAL DETAIL  
NO SCALE

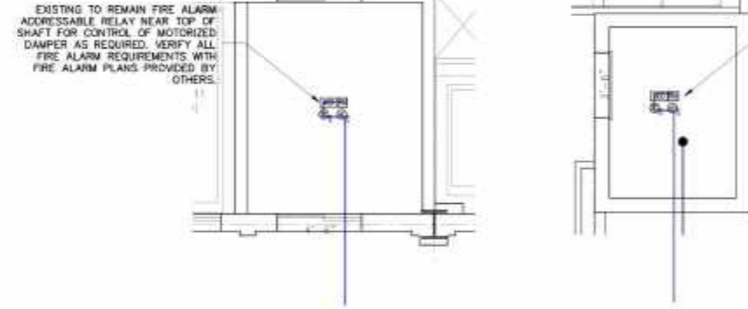
# ELEVATOR ELECTRICAL REQUIREMENTS

## GENERAL REQUIREMENTS:

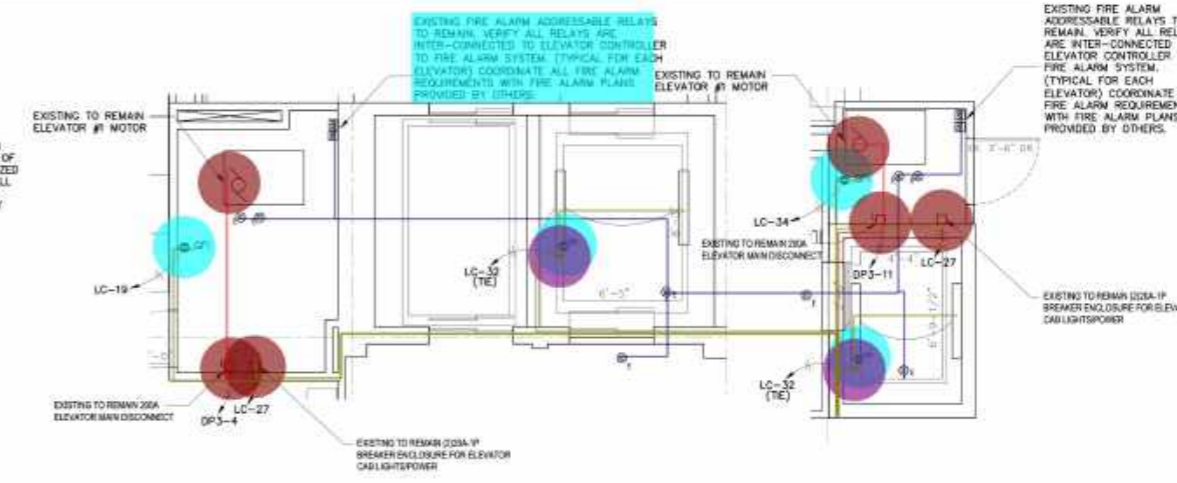
THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR & MATERIALS REQUIRED FOR THE COMPLETE ELECTRICAL INSTALLATION OF THE ELEVATOR(S). ELECTRICAL EQUIPMENT PER NEC ARTICLE 620, ASME A17.1 ELEVATOR CODE, NFPA 72, & ALL APPLICABLE FEDERAL, STATE, & LOCAL CODES. ELECTRICAL DEVICE & EQUIPMENT LOCATIONS & REQUIREMENTS SHALL BE VERIFIED WITH THE ELEVATOR EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO ROUGH-IN OR PLACING FINAL PURCHASE ORDERS FOR ANY ELECTRICAL DEVICES, EQUIPMENT, ETC.

- PROVIDE A SEPARATE BRANCH CIRCUIT FOR CAR LIGHTS, RECEPTACLE(S), AUXILIARY LIGHTING POWER SOURCE, & VENTILATION FOR EACH ELEVATOR CAR, VIA A 30A-2P LOCKABLE DISCONNECT SWITCH WITH (1) 20A FUSE. MOUNT THE DISCONNECT SWITCH(ES) IN THE ELEVATOR MACHINE ROOM/MACHINERY SPACE PER NEC & MANUFACTURER'S REQUIREMENTS & SHALL BE LOCATED WHERE IT IS READILY ACCESSIBLE TO QUALIFIED PERSONS, NEAR THE JAMB SIDE OF THE MACHINE ROOM/MACHINERY SPACE DOOR.
- PROVIDE A SEPARATE BRANCH CIRCUIT FOR THE AIR CONDITIONING & HEAT UNITS ON EACH ELEVATOR CAR AS APPLICABLE. VERIFY THE DISCONNECT & FUSE SIZES PER THE ELEVATOR SHOP DRAWINGS & MOUNT THE DISCONNECT SWITCH(ES) IN THE ELEVATOR MACHINE ROOM/MACHINERY SPACE PER NEC & MANUFACTURER'S REQUIREMENTS.
- PROVIDE A SEPARATE BRANCH CIRCUIT FOR THE MACHINE ROOM/MACHINERY SPACE LIGHTING & RECEPTABLES. PROVIDE A WALL MOUNTED TOGGLE STYLE 120VAC, 20A WALL SWITCH TO CONTROL THE LIGHTING AT THE POINT OF ENTRY TO THE MACHINE ROOM/MACHINERY SPACE. PROVIDE A MINIMUM OF ONE (1) 120VAC, 20A, 1P GFCI TYPE DUPLEX RECEPTACLE IN EACH MACHINE ROOM/MACHINERY SPACE. PROVIDE A MINIMUM OF ONE (1) 120VAC, 20A, 1P GFCI TYPE DUPLEX RECEPTACLE FOR THE TOP OF EACH ELEVATOR CAR, UNLESS PROVIDED WITH THE ELEVATOR.
- PROVIDE A SEPARATE BRANCH CIRCUIT TO SUPPLY THE HOISTWAY PIT LIGHTING & RECEPTACLE. PROVIDE A MINIMUM OF ONE (1) 120VAC, 20A, 1P GFCI TYPE DUPLEX RECEPTACLE IN THE HOISTWAY PIT. PROVIDE A WALL MOUNTED 120VAC, 20A WALL SWITCH LOCATED 50 AS TO BE READILY ACCESSIBLE FROM THE PIT ACCESS DOOR ADJACENT TO THE PIT LADDER FOR HOISTWAY PIT LIGHTING. PROVIDE WALL MOUNTED FLUORESCENT VAPORPROOF, WEATHERPROOF FIXTURES WITH POLYESTER FIBERGLASS HOUSING AND GASKETED ACRYLIC DIFFUSER, (SEE FIXTURE SCHEDULE TYPE "EP" OR EQUAL). REQUIRED LIGHTING SHALL NOT BE CONNECTED TO THE LOAD SIDE OF THE GROUND FAULT INTERRUPTER. EXACT LOCATIONS OF LIGHT FIXTURES SHALL BE COORDINATED WITH THE ELEVATOR MANUFACTURER AS TO NOT INTERFERE WITH EQUIPMENT, ETC., CLEARANCES.
- PROVIDE A SEPARATE BRANCH CIRCUIT FOR A HYDRAULIC FLUID TANK STRIP HEATER AND/OR OIL COOLER. VERIFY THE DISCONNECT & FUSE SIZES PER THE ELEVATOR SHOP DRAWINGS & MOUNT THE DISCONNECT SWITCH(ES) IN THE ELEVATOR MACHINE ROOM/MACHINERY SPACE PER NEC & MANUFACTURER'S REQUIREMENTS.
- PROVIDE A LOCKABLE MEANS OF DISCONNECT IN THE MACHINE ROOM/MACHINERY SPACE FOR THE MAIN POWER SUPPLY TO THE ELEVATOR CONTROLLER. THE MEANS OF DISCONNECT SHALL BE SIZED PER THE ELEVATOR MANUFACTURER'S REQUIREMENTS, & SHALL BE LOCATED WHERE IT IS READILY ACCESSIBLE TO QUALIFIED PERSONS, NEAR THE JAMB SIDE OF THE MACHINE ROOM/MACHINERY SPACE DOOR.
- PROVIDE FIRE ALARM SYSTEM SMOKE DETECTORS DEDICATED FOR ELEVATOR RECALL PER NFPA 72 PART 3-8.14, PROPERLY LOCATED IN THE FOLLOWING AREAS:
  - ELEVATOR LOBBY (EACH FLOOR)
  - ELEVATOR MACHINE ROOM/MACHINERY SPACE

EACH SMOKE DETECTOR DEDICATED FOR ELEVATOR RECALL SHALL BE CONNECTED TO THE BUILDING FIRE ALARM SYSTEM OR DEDICATED SUPERVISORY ALARM SYSTEM CONTROL PANEL. SMOKE DETECTORS SHALL NOT BE INSTALLED WITHIN 3' OF HVAC SUPPLY OR RETURN DIFFUSERS.
- A SPARE 4 TWISTED PAIR CAT 6 CABLE TO BE INSTALLED BY THE ELEVATOR CONTRACTOR FROM THE ELEVATOR MACHINE ROOM TO THE ELEVATOR CAB FOR FUTURE HAM CAMERA. THE ELEVATOR CONTRACTOR SHALL TAG EACH END OF THE CABLE "HAM CAMERA", AND SHALL PROVIDE AN ADDITIONAL 10'-27" OF CABLE ON EACH END. THE ELEVATOR CONTRACTOR SHALL ALSO PROVIDE THE NECESSARY PROVISIONS IN THE ELEVATOR CAB TO ALLOW HAM'S TECHNICIAN TO ROUTE THIS WIRE ABOVE THE CAB TO BE INTO THE FUTURE CAMERA THAT WILL BE LOCATED IN THE REAR UPPER CORNER, OPPOSITE THE CONTROL PANEL.

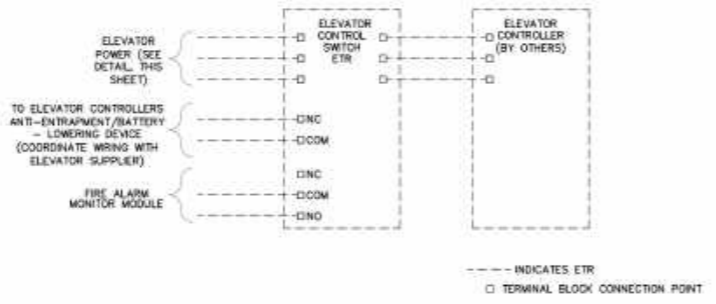


1 ENLARGED ELEVATOR LOBBY/TOP OF SHAFT POWER PLAN  
1/4" = 1'-0"



2 ELEVATOR PIT/MACHINE ROOM POWER PLAN  
1/4" = 1'-0"

**NOTES:**  
ALL ELEVATORS ARE EXISTING TO REMAIN WITH ALL EXISTING EQUIPMENT, DEVICES AND CONTROLS. PROVIDE ANY NEW AS REQUIRED. RECONNECT TO EXISTING/NEW PANELS.  
REFER TO ELEVATOR EQUIPMENT SCHEDULE AND ELEVATOR ELECTRICAL REQUIREMENTS ON THIS SHEET FOR ADDITIONAL INFORMATION.  
PROVIDE A SEPARATE DEDICATED CIRCUIT FOR THE MACHINE ROOM LIGHTING (NOT SHOWN ON THIS SHEET). SEE LIGHTING PLANS.



5 EXISTING ELEVATOR CONTROL SWITCH DIAGRAM  
NOT TO SCALE

ELEVATOR DESIGNATION	ELEVATOR H.P.	VOLTAGE	SWITCH SPECIFICATION	FUSE SIZE	FEEDER SIZE	CIRCUIT DESIGNATION	SHUNT INFO
ELEVATOR #1	40	208V/3P	200A (ETR)	200	(3) # 3/0 & (1) #6 GND IN 2" C	DP3-4 (3P)	120V LC-37
ELEVATOR #2	40	208V/1P	200A (ETR)	200	(3) # 3/0 & (1) #6 GND IN 2" C	DP4-11 (3P)	120V LC-38

NOTE: ELEVATOR CONTROL SWITCH COIL VOLTAGE SHOULD MATCH RELAY OUTPUT OF THE FIRE ALARM PANEL. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH FIRE ALARM VENDOR PRIOR TO ORDERING.

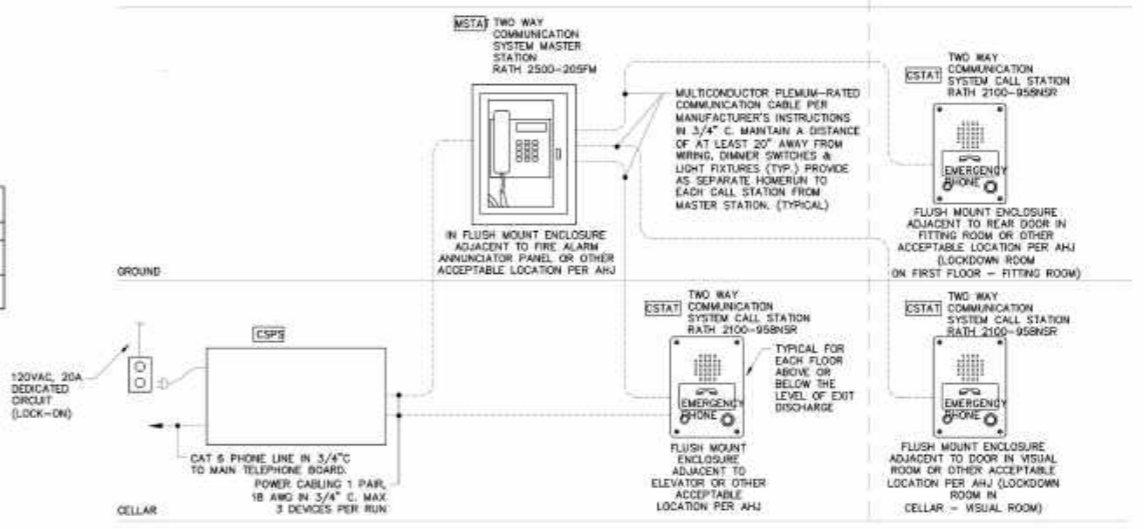
## SPRINKLERED HOISTWAY/MACHINE ROOM/MACHINERY SPACE REQUIREMENTS:

IN ADDITION TO THE GENERAL REQUIREMENTS LISTED ABOVE, THE E.C. SHALL PROVIDE ALL LABOR & MATERIALS REQUIRED AS OUTLINED BELOW FOR HOISTWAY/MACHINE ROOM/MACHINERY SPACE(S) THAT ARE SPRINKLERED PER NEC ARTICLE 620, ASME A17.1 ELEVATOR CODE, NFPA 72, & ALL APPLICABLE FEDERAL, STATE, & LOCAL CODES. ELECTRICAL DEVICE & EQUIPMENT LOCATIONS & REQUIREMENTS SHALL BE VERIFIED WITH THE ELEVATOR EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO ROUGH-IN OR PLACING FINAL PURCHASE ORDERS FOR ANY ELECTRICAL DEVICES, EQUIPMENT, ETC.

A FIRE ALARM SYSTEM SMOKE DETECTOR & A FIRE ALARM SYSTEM HEAT DETECTOR SHALL BE LOCATED WITHIN 2 FEET OF THE SPRINKLER HEAD. THE SMOKE DETECTOR SHALL BE OF SUFFICIENT SENSITIVITY FOR ELEVATOR RECALL AS DEFINED IN NFPA. THE HEAT DETECTOR SHALL BE RATED TO OPERATE AT A TEMPERATURE LOWER THAN THE SPRINKLER HEAD, ALLOWING THE ELEVATOR MAIN POWER SUPPLY TO SHUTDOWN PRIOR TO THE DISCHARGE OF WATER FROM THE SPRINKLER HEAD.

- PROVIDE A FIRE ALARM SYSTEM SMOKE DETECTOR DEDICATED FOR ELEVATOR RECALL ADJACENT TO THE HOISTWAY SPRINKLER HEAD AT THE TOP OF THE HOISTWAY PER NFPA 72 PART 3-8.14.
- PROVIDE A FIRE ALARM SYSTEM HEAT DETECTOR DEDICATED FOR ELEVATOR MAIN POWER SUPPLY SHUTDOWN PER NFPA 72 PART 3-8.15, PROPERLY LOCATED IN THE FOLLOWING AREAS:
  - TOP OF HOISTWAY SPRINKLER HEAD
  - HOISTWAY PIT SPRINKLER HEAD
  - ELEVATOR MACHINE ROOM/MACHINERY SPACE
- PROVIDE A MEANS OF AUTOMATICALLY DISCONNECTING THE ELEVATOR MAIN POWER SUPPLY VIA THE BUILDING FIRE ALARM SYSTEM OR SUPERVISORY ALARM SYSTEM CONTROL PANEL UPON ACTIVATION OF A HOISTWAY/MACHINE ROOM/MACHINERY SPACE HEAT DETECTOR. NO PROVISIONS FOR AUTOMATICALLY RESTORING POWER TO THE ELEVATOR MAIN POWER SUPPLY SHALL BE MADE. POWER SHALL BE MANUALLY RESET AFTER SHUTDOWN.

- FAW: 2#14, 3/4" EMT Conduit
- P: Duplex Receptacle, Isolated Ground, GFCI
- P: Equipment Connection
- P: Single Pole Switch
- PW: 3#3/0, #6, 2" EMT Conduit
- PW: 3#12, 1/2" EMT Conduit



## TWO-WAY COMMUNICATION SYSTEM NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH AND INSTALL A COMPLETE TWO-WAY COMMUNICATION SYSTEM BETWEEN EACH ELEVATOR LANDING (OTHER THAN THE LEVEL OF EXIT DISCHARGE AND ONE PER ELEVATOR LOBBY) AND THE CENTRAL CONTROL POINT MASTER STATION. IN ADDITION, THE CONTRACTOR MUST FURNISH AND INSTALL A COMPLETE TWO-WAY COMMUNICATION SYSTEM BETWEEN EACH AREA AND THE CONTROL POINT MASTER SYSTEM.
  - THE CONTRACTOR MUST COORDINATE THE LOCATION OF THE CENTRAL CONTROL POINT MASTER STATION WITH THE LOCAL FIRE DEPARTMENT PRIOR TO ROUGH-IN.
  - THE CONTRACTOR MUST SUBMIT SYSTEM SHOP DRAWINGS INCLUDING FLOOR PLANS AND WIRING DIAGRAMS SIMULTANEOUSLY WITH THE FIRE ALARM SHOP DRAWINGS.
- THE TWO-WAY COMMUNICATION SYSTEM MUST INCLUDE BOTH AUDIBLE AND VISUAL SIGNALS.
- THE TWO-WAY COMMUNICATION SYSTEM MUST BE CAPABLE OF TWO-WAY OFF-SITE PERSON TO PERSON VOICE COMMUNICATION VIA LANDLINE AND CELLULAR DEVICE OR IP. CONFIRM FINAL CONNECTION REQUIREMENTS WITH OWNER. CONTRACTOR SHALL PROVIDE ADDITIONAL COMPONENTS AS REQUIRED.
- EACH SYSTEM DEVICE MUST BE RATED FOR THE ENVIRONMENT WHICH IT IS INSTALLED. (I.E. COMPONENTS LOCATED IN UNHEATED AREAS MUST BE RATED ACCORDINGLY.) FURNISH AND INSTALL CONDUIT SEALS WHERE RACEWAYS PASS BETWEEN CONDITIONED AND UNCONDITIONED SPACES.
- THIS DETAIL IS BASED ON THE USE OF CORNELL AS THE SYSTEM MANUFACTURER. SYSTEMS MANUFACTURED BY RATH OR JERON ARE ALSO ACCEPTABLE PROVIDED THEY MEET OR EXCEED THE REQUIREMENTS OF THIS DETAIL AND THE PERFORMANCE & QUALITY OF THE CORNELL SYSTEM IDENTIFIED AS THE BASIS OF DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM ALL ROUGH-IN AND CABLING REQUIREMENTS WITH THE MANUFACTURER THEY INTEND TO USE PRIOR TO BIDDING AND INCLUDE ALL COSTS FOR A COMPLETE SYSTEM IN THEIR BASE BID.
- THIS PLAN IS FOR REFERENCE ONLY AND IS NOT INTENDED TO SHOW EXACT QUANTITIES. VERIFY EXACT LOCATIONS AND QUANTITIES WITH PLAN DRAWINGS AND ARCHITECT PRIOR TO BID.
- THE CONTRACTOR SHALL CONFIRM AND PROVIDE ALL SIGNAGE AS REQUIRED BY AUTHORITY HAVING JURISDICTION. INCLUDE A MINIMUM OF (1) 120/277V ILLUMINATED SIGN AND ASSOCIATED POWER FROM NEAREST EXIT SIGN FOR EACH STATION IN THE BASE BID.

6 TWO-WAY COMMUNICATION SYSTEM DIAGRAM  
NOT TO SCALE



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572 NORTH BROADWAY  
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REVISION:	DATE:	DESCRIPTION:

ISSUE DATE: 11.10.23 FOR REVIEW & COMMENT (M&M REVIEW)  
12.22.23 ISSUE FOR BIDS & APPROVALS

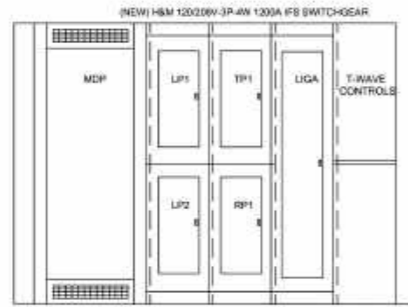
ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.: -  
DRAWN BY: TBA  
SCALE: AS NOTED

## ENLARGED ELEVATOR PLANS

H&M  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.: E-503

REV. NO.:  
D.O.B. NO.:



2 IFS ELEVATION  
NO SCALE

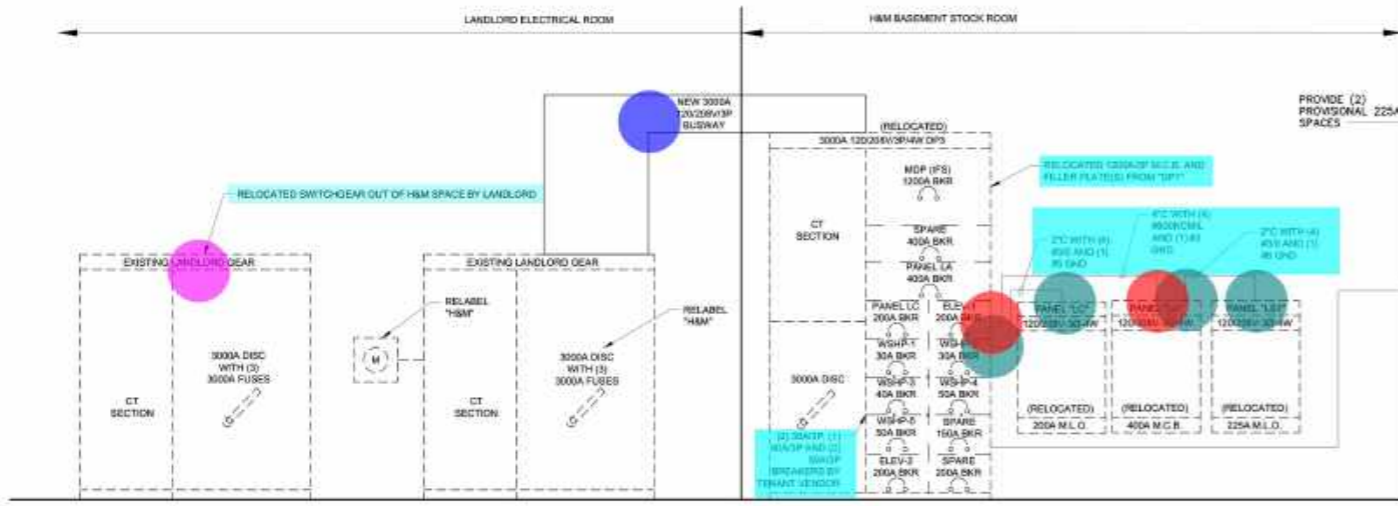
- RELO: Existing Switchgear To Be Relocated (By Landlord) 1.0 EA
- DIST: 3000A Busway 1.0 EA
- 4#3/0, #6 4.0 EA
- 4#600 KCMIL, #3 2.0 EA
- #1 12.0 EA
- #2 4.0 EA
- 2#1/0 4.0 EA
- 2#3/0 4.0 EA
- DIST: Switchgear IFS: 1200A, 120/208V, 3Ph, 4W, H&M 1.0 EA
- GND: 1200A Neutral Bus 1.0 EA
- DIST: Integral TVSS With Digital Surge Counter 1.0 EA
- DIST: Meter (Provided By Wesco) 1.0 EA
- TELE: Data Outlet 1.0 EA
- GND: Ground Bus 1.0 EA
- GND: Isolated Ground Bus 1.0 EA

RISER DIAGRAM NOTES

1. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL POWER COMPANY REQUIREMENTS PRIOR TO BIDDING & INCLUDE THE COST OF ALL ASSOCIATED LABOR, MATERIALS, & CHARGES IN HIS BID.
2. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE UTILITY COMPANY PRIOR TO BIDDING AND SHALL PROVIDE EQUIPMENT RATED ACCORDINGLY. SUBMIT FAULT CURRENT CALCULATIONS WITH SHOP DRAWING SUBMITTAL.
3. ALL BUSSING SHALL BE COPPER.
4. PROVIDE FULL LENGTH VERTICAL BUSSING IN ALL SWITCHBOARDS, DISTRIBUTION PANELS, & PANELBOARDS.
5. PROVIDE FULL SIZE HORIZONTAL BUSSING IN ALL SWITCHBOARDS.
6. ALL CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE.
7. ALL WALL-MOUNTED EQUIPMENT SHALL BE MOUNTED ON 3/4" FIRE RATED BACKBOARD.
8. PROVIDE NAMEPLATES PER NAMEPLATE DETAIL.
9. COORDINATE SPACE WITH ALL OTHER TRADES TO MAINTAIN ALL CODE-REQUIRED CLEARANCES.
10. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
11. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FINAL SETTINGS REQUIRED FOR ALL ADJUSTABLE/ELECTRONIC TYPE CIRCUIT BREAKERS WITH LONGTIME, SHORT TIME, OF, INSTANTANEOUS, ETC. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FINAL COORDINATION STUDY.
12. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH NEC ARTICLE 110.16 FOR LABELING OF PANELS FOR ARC FLASH HAZARD WARNING AS WELL AS FOLLOWING REQUIRED SAFETY PRECAUTIONS WHEN SERVICING OR MAINTAINING ELECTRICAL EQUIPMENT.

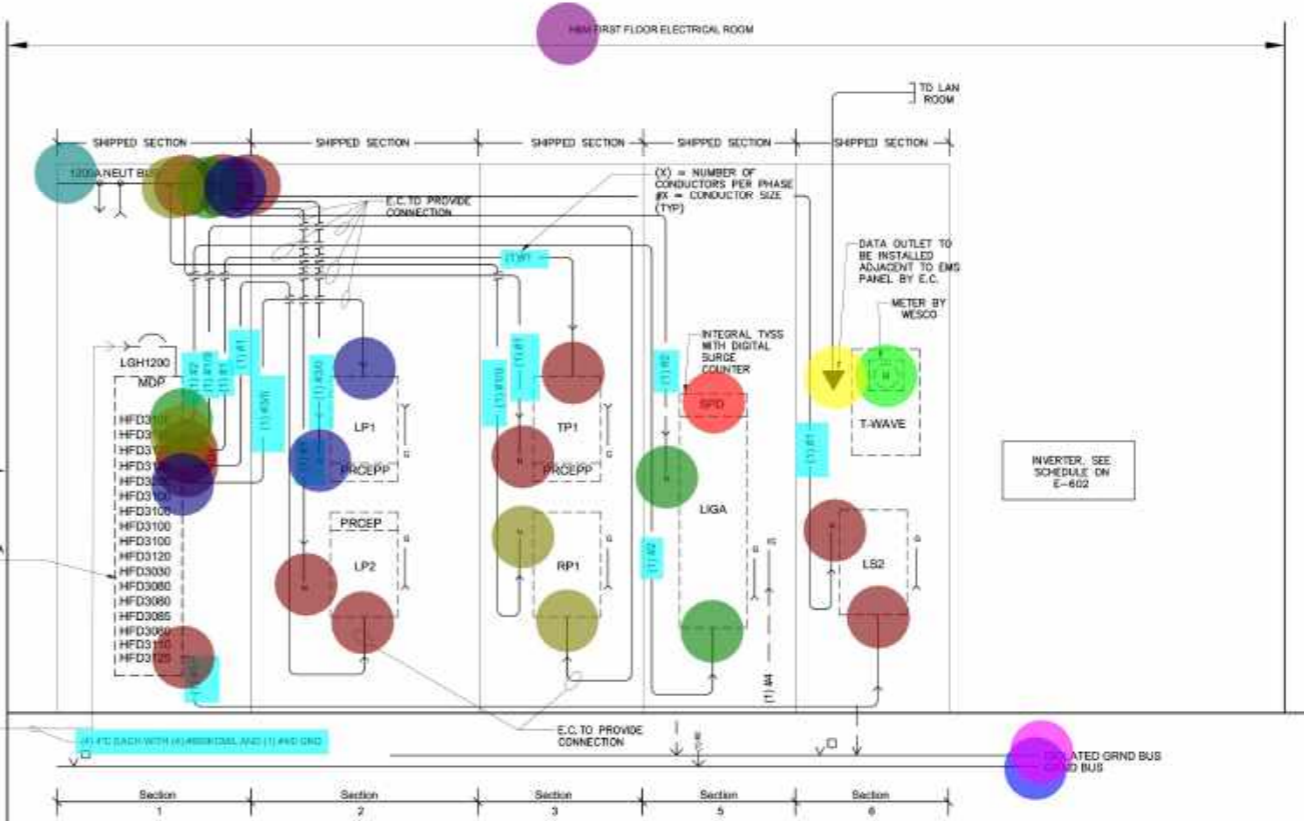
**H&M/EATON NATIONAL ACCOUNT - ELECTRICAL DISTRIBUTION EQUIPMENT INFORMATION**  
 H&M HAS A NATIONAL AGREEMENT WITH EATON NATIONAL ACCOUNTS/WESCO. THE ELECTRICAL DISTRIBUTION EQUIPMENT NOTED SHALL BE PRE-PURCHASED BY H&M DIRECTLY FROM WESCO - NO EXCEPTIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND ACCEPTING THE EQUIPMENT, VERIFYING PROPER QUANTITIES, PROVIDING TEMPORARY STORAGE, LABOR, 1ST YEAR LABOR WARRANTY, FOR PRICE QUOTES, PROJECT SUBMITTALS, AND QUESTIONS REGARDING TECHNICAL SPECIFICATIONS CONTACT EATON NATIONAL ACCOUNTS, BEN FACTOR @ 614-834-8403(DIRECT) 614-893-9891(MOBILE) BFACITOR@WESCO.COM(EMAIL). FOR ALL OTHER INQUIRES, PLEASE CONTACT TOM JACKETT @ 313-920-7211(MOBILE) TOM.JACKETT@EATON.COM  
 H&M/EATON/WESCO NATIONAL ACCOUNT PRICING IS OFFERED TO THE ELECTRICAL CONTRACTOR FOR OTHER ELECTRICAL EQUIPMENT AND CAN BE PURCHASED DIRECTLY FROM EATON NATIONAL ACCOUNTS/WESCO.

**AHEAD OF TRANSFORMER NEUTRAL CONDUCTOR(S)**  
 THE NEUTRAL CONDUCTOR SHALL NOT BE BONDED TO GROUND AT METER PAN AND/OR TENANT'S ELECTRICAL DISTRIBUTION EQUIPMENT. THE GROUND FAULT PROTECTION IN LANDLORD'S DISTRIBUTION SYSTEM WILL NOT FUNCTION PROPERLY IF THE NEUTRAL IS BONDED TO GROUND.



3 NEW SERVICE RISER DIAGRAM  
NO SCALE

- ELECTRICAL LINE LEGEND**
- INDICATES NEW EQUIPMENT/CONDUIT/WIRE, UNLESS NOTED OTHERWISE
  - - - INDICATES EXISTING EQUIPMENT/CONDUIT/WIRE, UNLESS NOTED OTHERWISE
  - - - INDICATES EXISTING EQUIPMENT/CONDUIT/WIRE TO BE REMOVED
  - - - INDICATES RELOCATED EQUIPMENT/CONDUIT/WIRE, UNLESS NOTED OTHERWISE



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ARCH PROJECT NO.: 10825  
 PRODUCT SEASON: 2024  
 SPACE NO.: -  
 DRAWN BY: TBA  
 SCALE: AS NOTED

SHEET TITLE:  
**POWER RISER DIAGRAM**

**H&M**  
 2024  
 STORE NO. US 0762 - FLAGSHIP  
 WOODWARD & LOthrop BUILDING  
 1020 G STREET, NW  
 WASHINGTON, DC

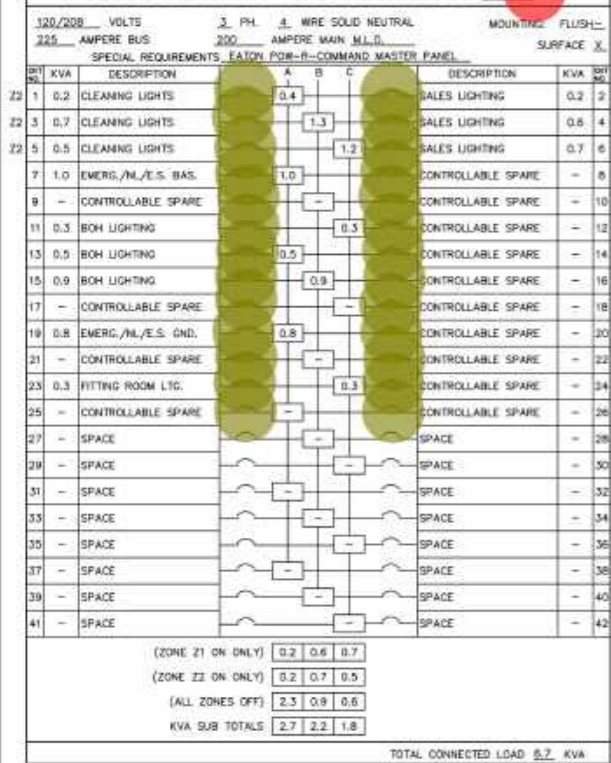
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**E-601**

REV. NO.:

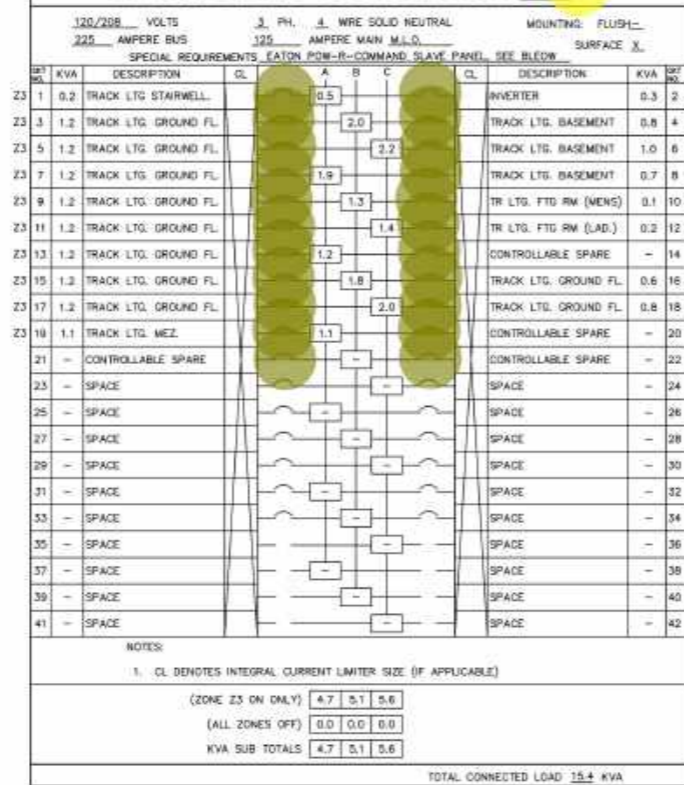
D.O.B. NO.:

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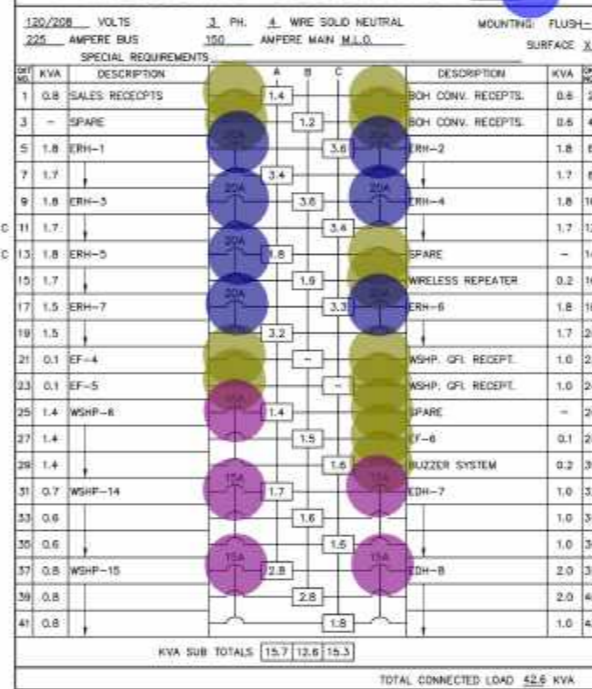
### PANELBOARD DESIGNATION LP1



### PANELBOARD DESIGNATION TP1



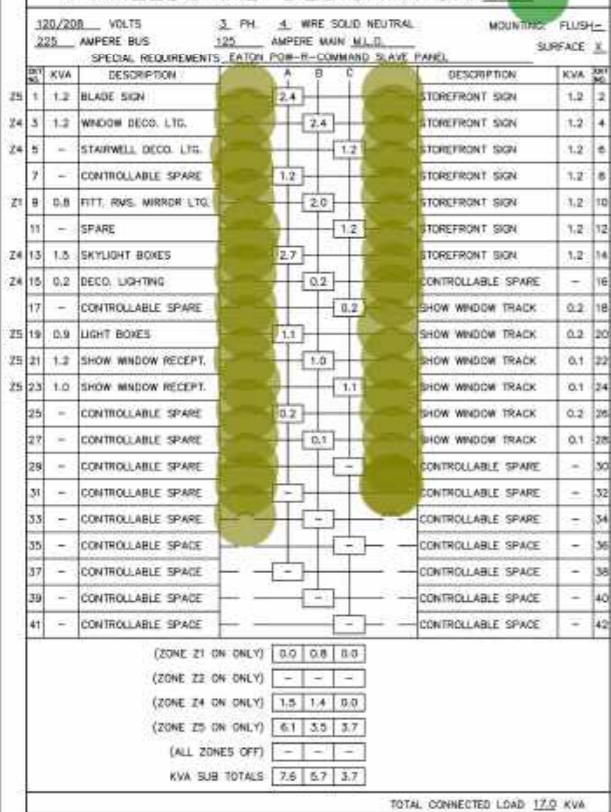
### PANELBOARD DESIGNATION RP1



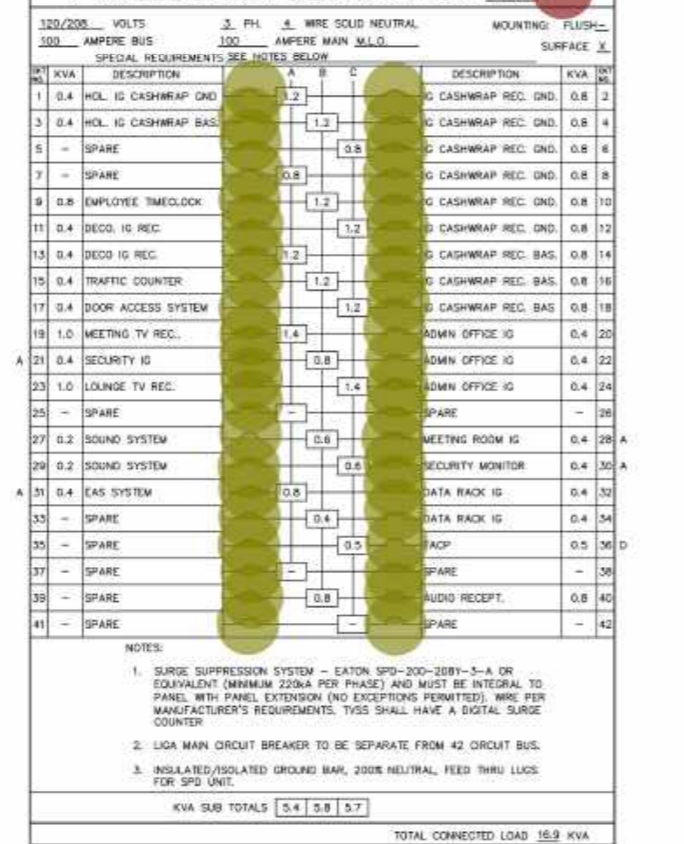
### DISTRIBUTION PANEL LOAD SUMMARY

LOAD	DEV. NO.	KWD	BRKR. SIZE	FRAME	NOTES
1200A MAIN	-	-	-	1200A	
EDH-9	1	25.0	15A	3A	DOUBLE BRANCH
EDH-10	2	10.0	15A	3A	DOUBLE BRANCH
EDH-11	3	15.0	15A	3A	DOUBLE BRANCH
EDH-12	4	25.0	15A	3A	DOUBLE BRANCH
EDH-13	5	25.0	15A	3A	DOUBLE BRANCH
EDH-14	6	35.0	15A	3A	DOUBLE BRANCH
WSHP-7	7	7.6	15A	3A	DOUBLE BRANCH
WSHP-8	8	22.6	15A	3A	DOUBLE BRANCH
WSHP-9	9	11.4	15A	3A	DOUBLE BRANCH
WSHP-10	10	11.4	15A	3A	DOUBLE BRANCH
WSHP-11	11	22.6	15A	3A	DOUBLE BRANCH
WSHP-12	12	22.6	15A	3A	DOUBLE BRANCH
WSHP-13	13	28.8	15A	3A	DOUBLE BRANCH
PANEL LP1	14	6.7	15A	3A	DOUBLE BRANCH
PANEL LP2	15	15.0	15A	3A	DOUBLE BRANCH
PANEL TP1	16	15.4	15A	3A	DOUBLE BRANCH
PANEL RP1	17	42.5	15A	3A	DOUBLE BRANCH
PANEL LGA	18	16.9	15A	3A	DOUBLE BRANCH
PANEL LS-2	19	23.5	15A	3A	DOUBLE BRANCH
EMS METER	20	0.7	15A	3A	DOUBLE BRANCH
PROV SPACE	21	-	15A	3A	DOUBLE BRANCH
<b>TOTAL</b>		<b>379.7</b>			

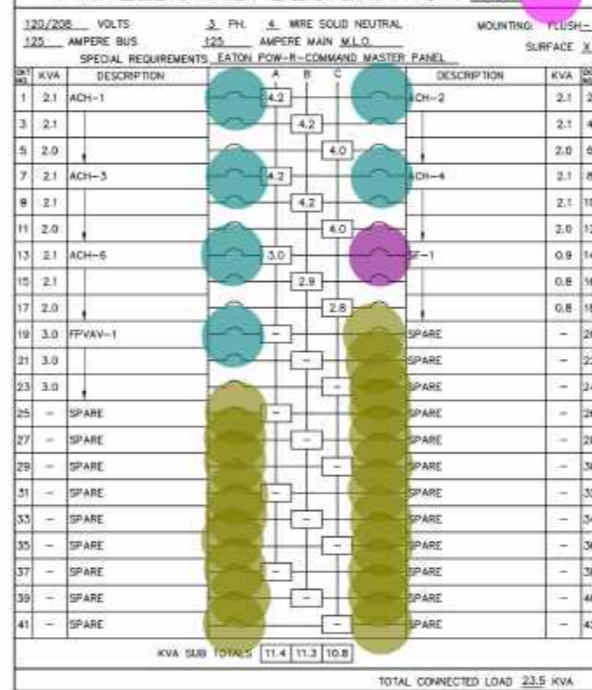
### PANELBOARD DESIGNATION LP2



### PANELBOARD DESIGNATION LGA



### PANELBOARD DESIGNATION LS-2



### LIGHTING CONTROL SCHEDULE

LIGHTING ZONE	CIRCUIT(S)	FUNCTION	CONTROL SEQUENCE
21	LP1-2,4,6, LP2-9	SALES LTD.	ON - WHEN MOTION SENSORS ACTIVE AND SCHEDULED PER EMS OFF - WHEN MOTION SENSORS INACTIVE FOR 30 MIN (ADJ) OR SCHEDULED OFF PER EMS
22	LP1-1,3,5	WORK LTD.	ON - WHEN MOTION SENSORS ACTIVE OFF - WHEN MOTION SENSORS INACTIVE FOR 30 MIN (ADJ)
23	TP1-1,2,3,4,5, 6,7,8,9,10,11, 13,15,16,17,18,19	TRACK LTD.	ON - WHEN MOTION SENSORS ACTIVE AND SCHEDULED ON PER EMS OFF - WHEN MOTION SENSORS INACTIVE FOR 30 MIN (ADJ) OR SCHEDULED OFF PER EMS
24	LP2-3,5,13,15	DECO. LIGHTING, SIGNS & DISPLAY	ON - WHEN MOTION SENSORS ACTIVE AND SCHEDULED ON PER EMS OFF - WHEN MOTION SENSORS INACTIVE FOR 30 MIN (ADJ) OR SCHEDULED OFF PER EMS
25	LP2-1,2,4,8,8, 10,12,14,18,19, 20,21,22,23,24, 26,28	EXTERIOR SIGNS, SHOW WINDOW TRACK LIGHTS, LIGHTBOXES	ON - 24 HOURS PER DAY, 7 DAYS A WEEK

- B: 1P/20A Breaker
- B: 2P/20A Breaker
- B: 3P/15A Breaker
- B: 3P/25A Breaker
- B: 3P/30A Breaker
- B: 3P/50A Breaker
- B: 3P/60A Breaker
- B: 3P/100A Breaker
- B: 3P/110A Breaker
- B: 3P/125A Breaker
- B: 3P/150A Breaker
- B: 3P/200A Breaker
- Panel LP1: 200A, 120/208V, 3PH, 4W, Mains: M.L.O., 42 Poles, Flush Mounted, EATON POW-R-COMMAND MASTER PANEL
- Panel LP2: 125A, 120/208V, 3PH, 4W, Mains: M.L.O., 42 Poles, Flush Mounted, EATON POW-R-COMMAND SLAVE PANEL
- Panel MDP: 1200A, 120/208V, 3PH, 4W, Mains: M.L.O., 42 Poles, SATION
- Panel RP1: 150A, 120/208V, 3PH, 4W, Mains: M.L.O., 42 Poles, Flush Mounted
- Panel TP1: 125A, 120/208V, 3PH, 4W, Mains: M.L.O., 42 Poles, Flush Mounted, EATON POW-R-COMMAND SLAVE PANEL

### CENTRAL INVERTER DESIGNATION INV

120	INPUT VOLTS	3	PH.	4	WIRE SOLID NEUTRAL	MOUNTING	FLUSH
125	OUTPUT VOLTS	120	PH.	3	WIRE W/GND (PH/G)		FLOOR
125	OUTPUT VOLTS	120	PH.	3	WIRE W/GND (PH/G)		FLOOR
125	OUTPUT VOLTS	120	PH.	3	WIRE W/GND (PH/G)		FLOOR

### MDP ELECTRICAL LOAD SUMMARY

LOAD DESCRIPTION	CONNECTED LOAD (KVA)	COMPUTED DEMAND LOAD (KVA)
GENERAL LIGHTING:	10.4	CONTINUOUS LOAD x 1.25 = 13.0
TRACK LIGHTING:	15.4	CONTINUOUS LOAD x 1.25 = 19.25
SHOW WINDOW (LTC + RECEIPT):	4.0	SHOW WINDOW (LOAD x 1.25 OR 80' x 200W/FT) = 16.0
HVAC (INCLUDING ALL MOTORS):	329.9	CONTINUOUS LOAD (INCLUDING 125% OF LARGEST MOTOR): 337.1
RECEPTACLES:	10.8	NONCONTINUOUS LOAD: 1% 10KW @100W + REMAINING @80W = 10.4
MISCELLANEOUS NON-CONTINUOUS:	5.8	NONCONTINUOUS LOAD x 100% = 5.2
MISCELLANEOUS CONTINUOUS:	3.6	CONTINUOUS LOAD x 1.25 = 4.5
WATER HEATER:	0.0	CONTINUOUS LOAD x 1.25 = 0.0
SIGN:	9.6	CONTINUOUS LOAD: 960VA x 1.25 = 1200VA
TOTAL CONNECTED LOAD:	369.3	TOTAL DEMAND LOAD: 153.4

### CENTRAL INVERTER NOTES

- INVERTER SHALL BE INSTALLED AND ENERGIZED WITHIN THE TIMEFRAME INDICATED BY MANUFACTURER AND MANUFACTURER'S INSTALLATION INSTRUCTION TO AVOID THE POTENTIAL OF DEGRADATION OF BATTERY FRINGES AND JELLED BATTERY.
- FURNISH AND INSTALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS. WIRING SHALL BE INSTALLED PER NCC APPROVED TO.
- BEFORE INSTALLATION, COORDINATE AND VERIFY ALL CLEARANCES AND EQUIPMENT ACCESS PANEL LOCATIONS ABOUT THE EQUIPMENT. PROVIDE REQUIRED CLEARANCES PER NEC AND EQUIPMENT MANUFACTURER'S INSTRUCTIONS.
- FURNISH AND INSTALL A SUPPORT SYSTEM FOR THE EQUIPMENT. PROVIDE A 4" CONCRETE HOUSE KEEPING AND/OR STEEL BRACKET SUPPORT SYSTEM TO PROVIDE MANUFACTURER'S BRACKET OR FABRICATE A SUPPORT SYSTEM FOR WALL MOUNTED EQUIPMENT.
- ENGAGE A FACTORY REPRESENTATIVE TO PROVIDE START-UP OF EQUIPMENT AND PROVIDE TRAINING TO OWNER'S REPRESENTATIVES.
- EQUIPMENT ASSEMBLY SHALL BE LEAD LIFTED AND MEET STANDARDS AND REQUIREMENT OF MPA 101, NEC AND OSHA.
- PROVIDE SIGNAGE AND LABELING AS REQUIRED BY PER NEC 700.4 AND 700.5.
- COORDINATE WITH OTHER TRADES TO VERIFY THE WIRING WITH LIGHT FIXTURE CONTROL OPTIONS AND LIGHTING CONTROLS BEING FURNISHED TO ENSURE SYSTEM IS COMPLETABLE.
- ALTERNATIVES WITHIN HIGH RISK SCENARIO.
- CIRCUIT DESIGNATION (CIRCUIT NO.) TO FIELD VERIFY EXISTING CIRCUIT.



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572 NORTH BROADWAY  
WHITE PLAINS, NEW YORK 10603  
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### REVISION:

NO.	DATE	DESCRIPTION

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12.22.23 ISSUE FOR BIDS & APPROVALS

ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.: -  
DRAWN BY: TBA  
SCALE: AS NOTED

### NEW PANEL SCHEDULES



STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.: E-602A  
REV. NO.:  
D.O.B. NO.:







JEFFREY  
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ARCHITECT

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WHITE PLAINS, NEW YORK 10603

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SHEET TITLE:

EMS ONE-LINE  
DIAGRAM

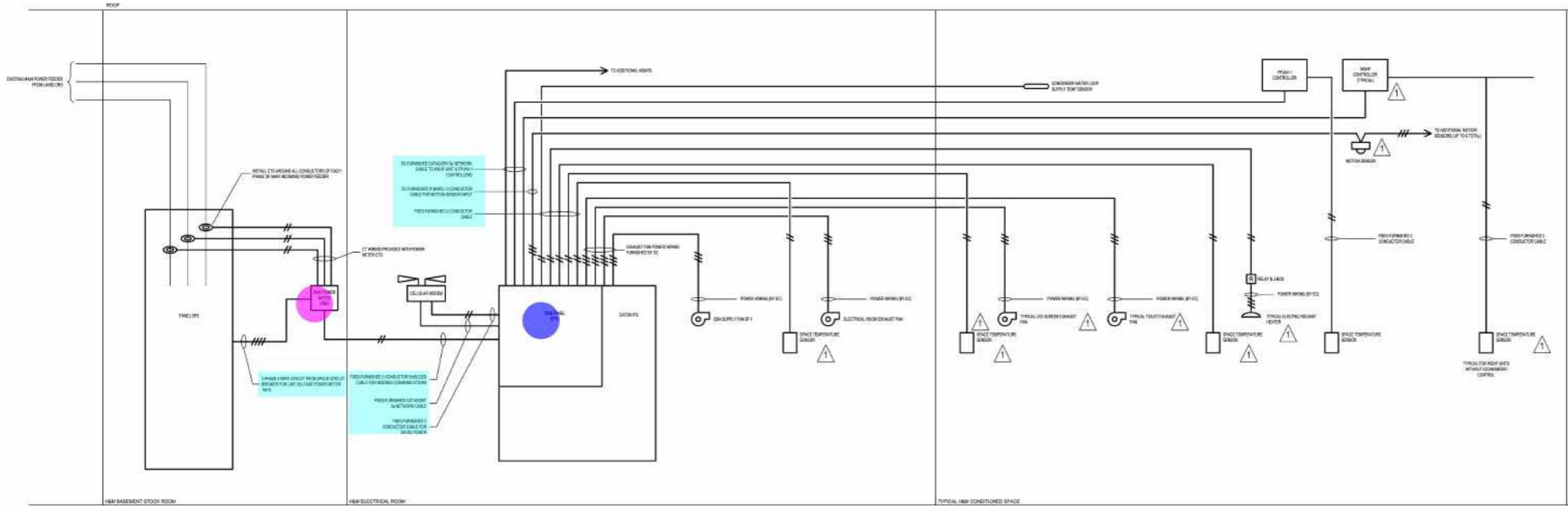
2024  
**H&M**  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHPROB BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:

**EMS-100**

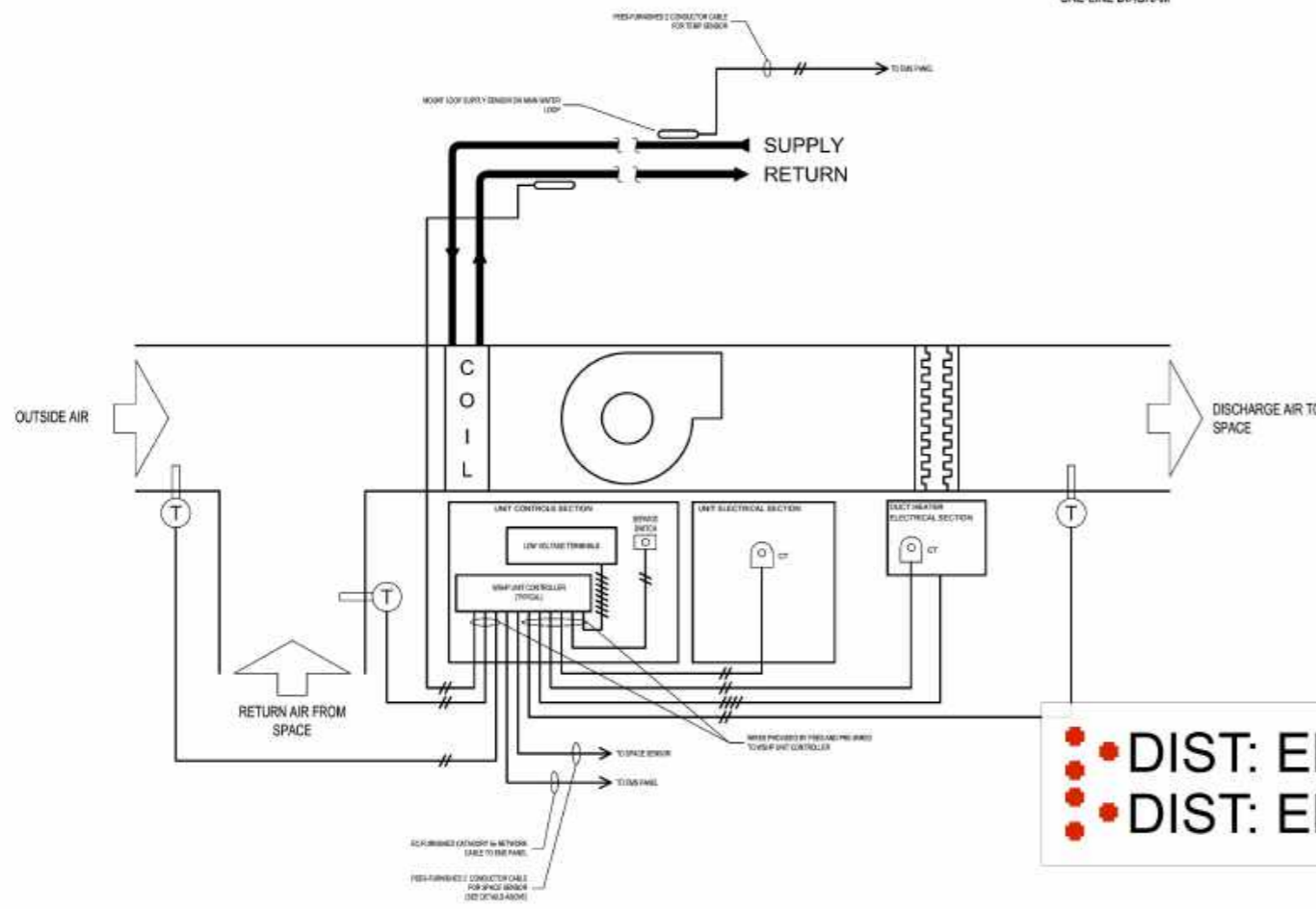
REV. NO.:

D.O.B. NO.:



REFER TO CONSTRUCTION DRAWINGS FOR QUANTITY AND LOCATION

ONE-LINE DIAGRAM



WATER SOURCE HEAT PUMP UNIT WIRING DETAIL

Kelly Long  
Sr. Director, HVAC  
ProStar Energy Solutions  
One Cowboys Way, Suite 300  
Frisco, TX 75034  
Office: (469) 388-6252 | Cell: (614) 439-6510  
klong@prostarenergy.com www.prostarenergy.com

Support is available 6AM - 5PM PST, On call service with 1 hr. call back  
ProStar Customer Support  
855-867-2333  
support@prostarenergy.com

General Contractor to coordinate ProStar commissioning only when all equipment on-site is ready for commissioning. Any additional visits required by ProStar due to site not being ready for ProStar commissioning will be the responsibility of the General Contractor.

**DIST: EMS Panel EP01** 1.0 EA

**DIST: EMS Power Meter** 1.0 EA

Responsibility Schedule			
	Furnish	Install	Terminate
<b>EMS Power Meter</b>			
Enclosure, Meter, CTs	PSES	EC	EC
Data Connection to EMS Panel	PSES	EC	EC
Power Wiring <sup>1</sup>	EC	EC	EC
<b>EMS Panel</b>			
Backpanel, Controller	PSES	MFR	MFR
Sensors (Motion)	PSES	EC	EC
Low Voltage Wire (Sensor) <sup>2</sup>	EC	EC	EC
Cellular Modem	PSES	EC	EC
Power Cable	PSES	EC	EC
Network Cable	PSES	EC	EC
<b>Exhaust Fan Control</b>			
Power Wiring <sup>1</sup>	EC	EC	EC
Sensor (Space)	PSES	MC	MC
Low Voltage Wire (Sensor) <sup>2</sup>	PSES	MC	MC
<b>Monitoring</b>			
Sensors (CDW Supply)	PSES	MC	MC
Low Voltage Wire (Sensor)	PSES	MC	MC
<b>Typical WSHF</b>			
Enclosure, Controller	MFG	MFG	MFG
Sensors (Space)	PSES	MC	MC
Sensors (SARA, OSA, CF, Space, CDW Return)	PSES	MC	MC
Low Voltage Wire (Space Sensor) <sup>2</sup>	PSES	MC	MC
Network Cable (Cat 5e)	EC	EC	MC
<b>VAV Terminal</b>			
Controller	PSES	MC	MC
Actuator	PSES	MC	MC
Sensors (Space & Supply)	PSES	MC	MC
Low Voltage Wire (Sensor, Actuator)	PSES	MC	MC
Network Cable (Cat 5e)	EC	EC	MC
<b>Supply Fan SF-1 Control</b>			
Relay	PSES	EC	EC
Power Wiring <sup>1</sup>	EC	EC	EC
Low Voltage Wire (Control) <sup>2</sup>	PSES	MC	MC

Legend:  
PSES - ProStar Energy Solutions  
EC - Electrical Contractor  
MC - Mechanical Contractor  
MFR - Factory Mount by Equipment Manufacturer

Key Notes:  
<sup>1</sup> Power Wiring is 120 Volts and higher circuiting

General Notes:  
<sup>2</sup> All Comm and Low Voltage Wires/Cable to be Plenum Rated  
<sup>3</sup> All Field supplied Low Voltage Wire/Cable to be green  
<sup>4</sup> All Field supplied BACnet Comm cable to be purple



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ARCHITECT**

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**DEMOLITION NOTES**

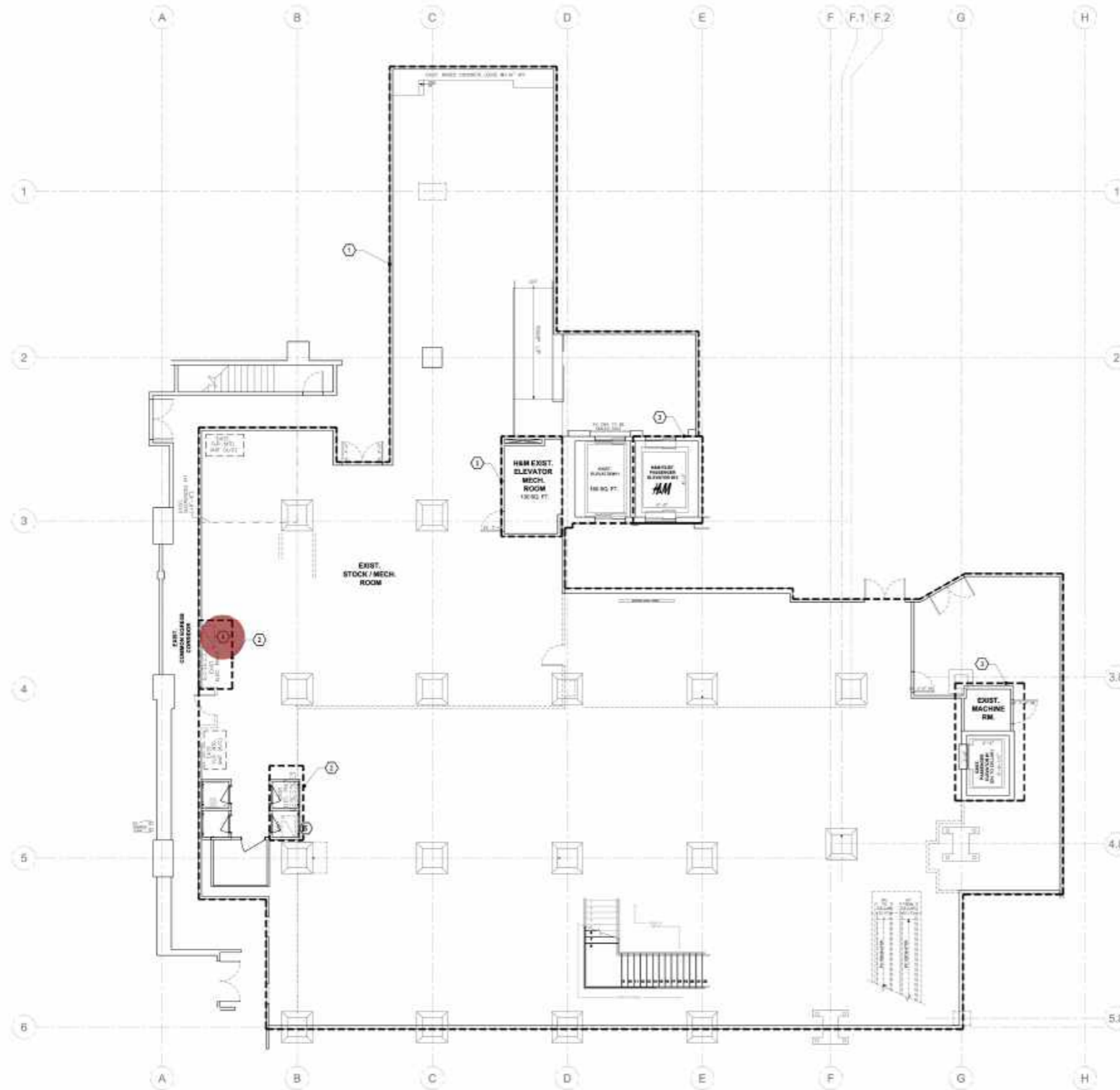
1. IN EVERY INSTANCE OF DEMOLITION AND/OR REMODELING, THE ELECTRICAL CONTRACTOR SHALL FIGURE A COMPLETE JOB AS NONE OTHER SHALL BE ACCEPTED.
2. THE DRAWINGS ARE TO BE USED ONLY AS A GUIDELINE FOR DEMOLITION. THE ELECTRICAL CONTRACTOR MUST VISIT THE SITE PRIOR TO BIDDING TO VERIFY ALL WORK REQUIRED FOR A COMPLETE JOB & INCLUDE THE COST OF SUCH WORK IN HIS BID.
3. THE ELECTRICAL CONTRACTOR SHALL MAINTAIN EXISTING SERVICES TO & IN THE EXISTING AREA AS REQUIRED.
4. IF NECESSARY, THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY SERVICES IN THE EXISTING AREAS.
5. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT & REMOVE ELECTRIC SERVICE TO ALL MECHANICAL EQUIPMENT BEING REMOVED AS A RESULT OF THE REMODELING.
6. ELECTRICAL EQUIPMENT & DEVICES SHALL BE REMOVED COMPLETE INCLUDING CONDUIT & WIRE.
7. FLUSH MOUNTED WALL OUTLETS SHALL BE BLANKED-OFF WITH A COVERPLATE. COVERPLATE COLOR SHALL BE SELECTED BY ARCHITECT.
8. ANY EXISTING CONDUIT, WIRING AND/OR ELECTRICAL & MECHANICAL DEVICES BEING DISTURBED BY THE WORK SHALL BE REWORKED BY THIS CONTRACTOR AS REQUIRED TO RETURN TO ITS FORMER EXISTING OPERATING CONDITION.
9. ANY CIRCUITS FEEDING THROUGH DEVICES OR EQUIPMENT BEING RELOCATED, REWORKED, OR ABANDONED & SERVING OTHER ELECTRICAL DEVICES, AND/OR EQUIPMENT SHALL BE MAINTAINED BY PROVIDING J-BOXES OR OTHER ACCEPTABLE METHOD AS REQUIRED.
10. ALL WALLS, CEILINGS, FLOORS, ETC., BEING DISTURBED BY THE WORK SHALL BE RETURNED TO FINISHED CONDITIONS TO MATCH EXISTING BY THE ELECTRICAL CONTRACTOR & HE SHALL DO HIS OWN CUTTING & PATCHING AS NECESSARY UNDER HIS CONTRACT.
11. EXISTING MATERIALS SHALL BE TURNED OVER TO THE OWNER, IF NOT REQUIRED BY OWNER, THE ELECTRICAL CONTRACTOR SHALL REMOVE THESE MATERIALS FROM THE PREMISES.
12. NO CONDUIT, BOXES, WIRING, OR CABLES SHALL BE INSTALLED WITHIN 1 1/2" OF THE LOWEST POINT OF THE UNDERSIDE OF THE ROOF DECKING, NOR SHALL THEY BE INSTALLED CONCEALED WITHIN METAL-CORRUGATED ROOF DECKING. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT, BOXES, WIRING, AND CABLEING THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT.
13. ALL CONDUIT AND CABLEING SHALL BE PROPERLY SUPPORTED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT AND/OR CABLEING THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT.
14. CONTRACTOR SHALL FIELD VERIFY SLAB ON GRADE FLOOR CONSTRUCTION TYPE PRIOR TO CUTTING. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR CUT A STRUCTURAL FLOOR SLAB THICKER THAN FOUR (4") INCHES WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER OF RECORD. NOTIFY ENGINEER OF RECORD OF ANY SLAB THICKNESS GREATER THAN FOUR (4") INCHES PRIOR TO PROCEEDING WITH ANY SAW CUTTING.

**GENERAL NOTES:**

1. REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL DEMO WORK.
2. E.C. SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING AND POWER FOR USE DURING DEMOLITION AND NEW SHELL WORK CONSTRUCTION. E.C. TO DETERMINE EXACT SCOPE PRIOR TO FINALIZING BID.
3. EXACT CONDUIT ROUTING, AND CIRCUITING IS UNKNOWN. E.C. TO FIELD DETERMINE SCOPE PRIOR TO BID.
4. E.C. TO FIELD DETERMINE EXACT SCOPE AND VERIFY ANY ADDITIONAL PANELS, EQUIPMENT, DEVICES, ETC. ARE INCLUDED IN THEIR DEMOLITION SCOPE UNLESS OTHERWISE NOTED PRIOR TO BID.
5. EXISTING INFORMATION SHOWN BASED ON EXISTING DRAWINGS. IT IS UNKNOWN IF ANY OF THE EXISTING EQUIPMENT HAS BEEN REPLACED AND/OR REWORKED. THE E.C. SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE EOR OF ANY DISCREPANCIES OR CONCERNS FOR EQUIPMENT THAT IS REQUIRED TO REMAIN.
6. REFERENCE EXISTING ELECTRICAL ONE-LINE DIAGRAM ON SHEET ED-200 FOR MORE INFORMATION.

**KEY NOTES:** ①

1. E.C. SHALL COMPLETELY DEMO AND REMOVE ALL ELECTRICAL WIRING, CONDUIT, LIGHTING, AND DEVICES ON EXISTING WALLS, FLOORS AND CEILINGS UNLESS OTHERWISE NOTED.
2. SEE ONE-LINE ON ED-200 FOR INFORMATION ON EXISTING ELECTRICAL EQUIPMENT.
3. EXISTING ELEVATOR TO REMAIN. RECONNECT ALL CIRCUITS TO PANELS AS INDICATED ON E-503 AND E-402.
4. IFS TO BE RELOCATED OUT OF HAM SPACE BY LANDLORD.
5. RELOCATE EXISTING IFS AND EXISTING PANELS TO HAM ELECTRICAL LOCATION SEE ED-200 FOR MORE INFORMATION.



**1 ELECTRICAL BASEMENT DEMOLITION PLAN**  
1/8" = 1'-0"

●● RELO: Existing IFS Switchgear To Be Relocated (By Landlord)

1.0 EA

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SPACE NO.: -  
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SCALE: AS NOTED

SHEET TITLE:  
**ELECTRICAL DEMOLITION  
PLAN - BASEMENT**

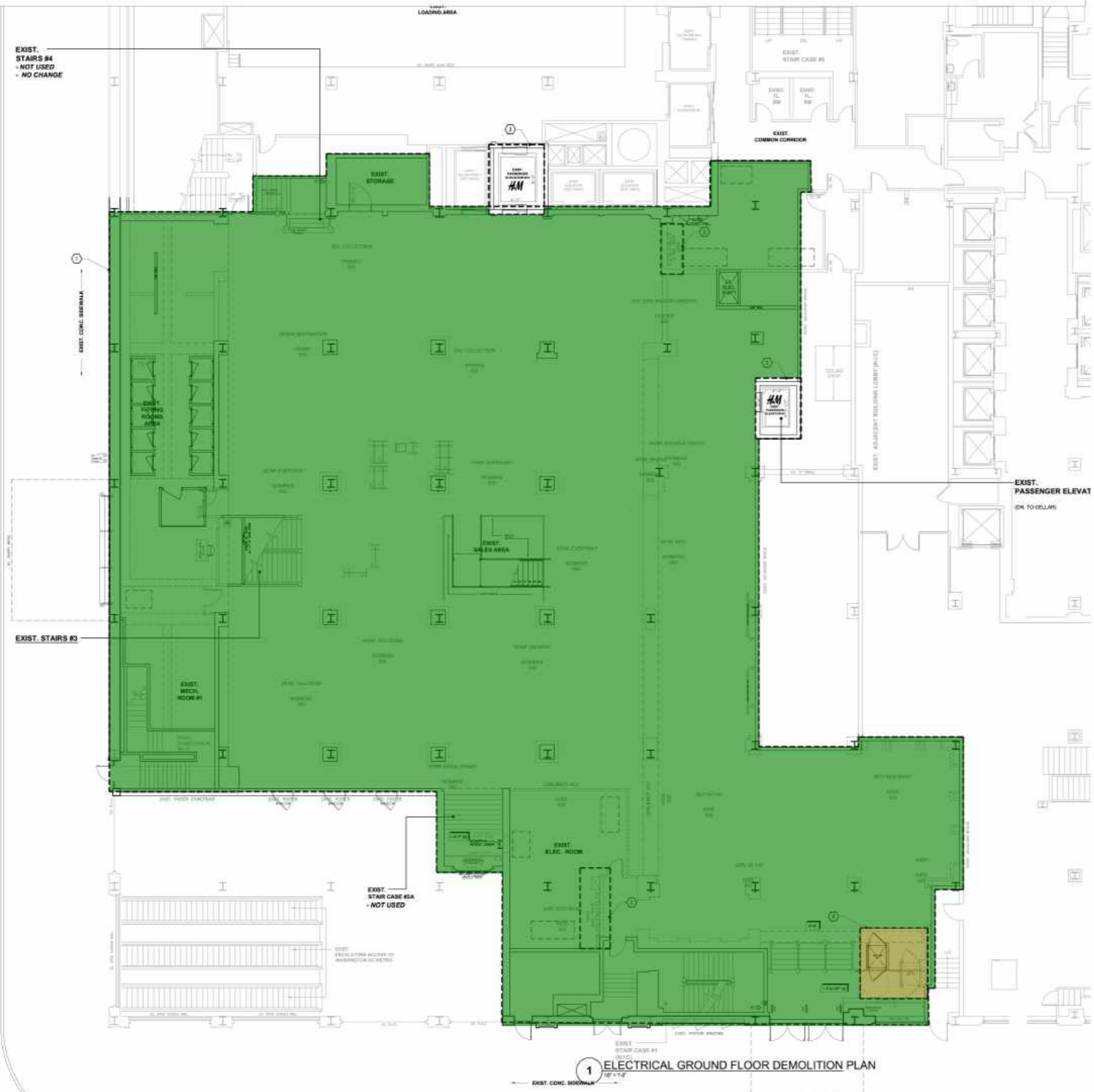
**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOthrop BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
**ED-110**

REV. NO.:

D.O.B. NO.:

■ RELO: Existing All Electrical Devices With Associated Wiring & Conduit To Be Relocated 160.3 SQ FT  
■ DEMO: Existing Complete Electrical Devices & Lighting To Be Removed With Associated ... 17458.2 SQ FT



- ### DEMOLITION NOTES
1. IN EVERY INSTANCE OF DEMOLITION AND/OR REMODELING, THE ELECTRICAL CONTRACTOR SHALL FIGURE A COMPLETE JOB AS NONE OTHER SHALL BE ACCEPTED.
  2. THE DRAWINGS ARE TO BE USED ONLY AS A GUIDELINE FOR DEMOLITION. THE ELECTRICAL CONTRACTOR MUST VISIT THE SITE PRIOR TO BIDDING TO VERIFY ALL WORK REQUIRED FOR A COMPLETE JOB & INCLUDE THE COST OF SUCH WORK IN HIS BID.
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  5. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT & REMOVE ELECTRIC SERVICE TO ALL MECHANICAL EQUIPMENT BEING REMOVED AS A RESULT OF THE REMODELING.
  6. ELECTRICAL EQUIPMENT & DEVICES SHALL BE REMOVED COMPLETE INCLUDING CONDUIT & WIRE.
  7. FLUSH MOUNTED WALL OUTLETS SHALL BE BLANKED-OFF WITH A COVERPLATE. COVERPLATE COLOR SHALL BE SELECTED BY ARCHITECT.
  8. ANY EXISTING CONDUIT, WIRING AND/OR ELECTRICAL & MECHANICAL DEVICES BEING DISTURBED BY THE WORK SHALL BE REWORKED BY THIS CONTRACTOR AS REQUIRED TO RETURN TO ITS FORMER EXISTING OPERATING CONDITION.
  9. ANY CIRCUITS FEEDING THROUGH DEVICES OR EQUIPMENT BEING RELOCATED, REWORKED, OR ABANDONED & SERVING OTHER ELECTRICAL DEVICES, AND/OR EQUIPMENT SHALL BE MAINTAINED BY PROVIDING J-BOXES OR OTHER ACCEPTABLE METHOD AS REQUIRED.
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  11. EXISTING MATERIALS SHALL BE TURNED OVER TO THE OWNER. IF NOT REQUIRED BY OWNER, THE ELECTRICAL CONTRACTOR SHALL REMOVE THESE MATERIALS FROM THE PREMISES.
  12. NO CONDUIT, BOXES, WIRING, OR CABLES SHALL BE INSTALLED WITHIN 1 1/2" OF THE LOWEST POINT OF THE UNDERSIDE OF THE ROOF DECKING. NOR SHALL THEY BE INSTALLED CONCEALED WITHIN METAL-CORRUGATED ROOF DECKING. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT, BOXES, WIRING, AND CABLES THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT.
  13. ALL CONDUIT AND CABLES SHALL BE PROPERLY SUPPORTED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT AND/OR CABLES THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT.
  14. CONTRACTOR SHALL FIELD VERIFY SLAB ON GRADE FLOOR CONSTRUCTION TYPE PRIOR TO CUTTING. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR CUT A STRUCTURAL FLOOR SLAB THICKER THAN FOUR (4") INCHES WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER OF RECORD. NOTIFY ENGINEER OF RECORD OF ANY SLAB THICKNESS GREATER THAN FOUR (4") INCHES PRIOR TO PROCEEDING WITH ANY SAW CUTTING.

- ### GENERAL NOTES:
1. REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL DEMO WORK.
  2. E.C. SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING AND POWER FOR USE DURING DEMOLITION AND NEW SHELL WORK CONSTRUCTION. E.C. TO DETERMINE EXACT SCOPE PRIOR TO FINALIZING BID.
  3. EXACT CONDUIT ROUTING, AND CIRCUITING IS UNKNOWN. E.C. TO FIELD DETERMINE SCOPE PRIOR TO BID.
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  6. REFERENCE EXISTING ELECTRICAL ONE-LINE DIAGRAM ON SHEET ED-200 FOR MORE INFORMATION.

- ### KEY NOTES: ①
1. E.C. SHALL COMPLETELY DEMO AND REMOVE ALL ELECTRICAL WIRING, CONDUIT, LIGHTING, AND DEVICES ON EXISTING WALLS, FLOORS AND CEILINGS UNLESS OTHERWISE NOTED.
  2. SEE ONE-LINE ON ED-200 FOR INFORMATION ON EXISTING ELECTRICAL EQUIPMENT.
  3. EXISTING ELEVATOR TO REMAIN. RECONNECT ALL CIRCUITS TO PANELS AS INDICATED ON E-503 AND E-602.
  4. RELOCATE EXISTING LIFT AND ALL ELECTRICAL REQUIRED FOR IT.



872 NORTH BROADWAY  
WHITE PLAINS, NEW YORK 10603  
TEL 914 289 0011



REVISION:

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12.22.23 ISSUE FOR BIDS & APPROVALS

ARCH PROJECT NO.: 10825  
PRODUCT SEASON: 2024  
SPACE NO.: -  
DRAWN BY: TBA  
SCALE: AS NOTED

SHEET TITLE:  
**ELECTRICAL DEMOLITION PLAN - GROUND FLOOR**

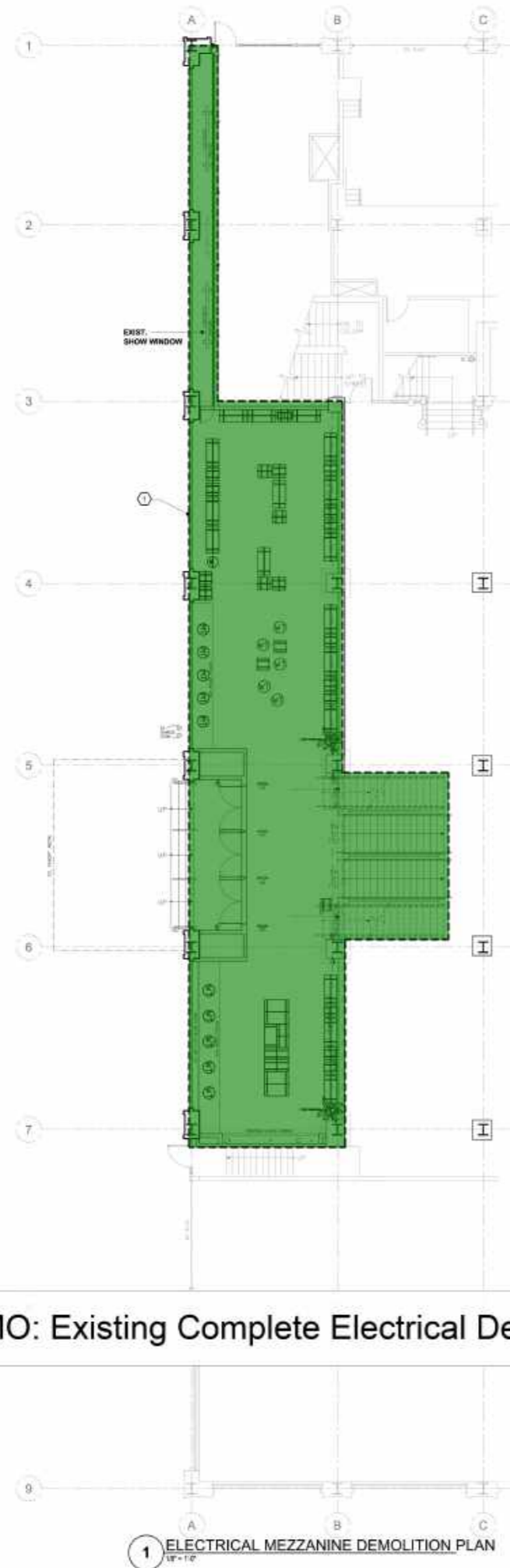
**H&M**  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHROP BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
**ED-120**

REV. NO.:

D.O.B. NO.:

**1 ELECTRICAL GROUND FLOOR DEMOLITION PLAN**



**DEMOLITION NOTES**

1. IN EVERY INSTANCE OF DEMOLITION AND/OR REMODELING, THE ELECTRICAL CONTRACTOR SHALL FIGURE A COMPLETE JOB AS NONE OTHER SHALL BE ACCEPTED.
2. THE DRAWINGS ARE TO BE USED ONLY AS A GUIDELINE FOR DEMOLITION. THE ELECTRICAL CONTRACTOR MUST VISIT THE SITE PRIOR TO BIDDING TO VERIFY ALL WORK REQUIRED FOR A COMPLETE JOB & INCLUDE THE COST OF SUCH WORK IN HIS BID.
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5. THE ELECTRICAL CONTRACTOR SHALL DISCONNECT & REMOVE ELECTRIC SERVICE TO ALL MECHANICAL EQUIPMENT BEING REMOVED AS A RESULT OF THE REMODELING.
6. ELECTRICAL EQUIPMENT & DEVICES SHALL BE REMOVED COMPLETE INCLUDING CONDUIT & WRE.
7. FLUSH MOUNTED WALL OUTLETS SHALL BE BLANKED-OFF WITH A COVERPLATE. COVERPLATE COLOR SHALL BE SELECTED BY ARCHITECT.
8. ANY EXISTING CONDUIT, WIRING AND/OR ELECTRICAL & MECHANICAL DEVICES BEING DISTURBED BY THE WORK SHALL BE REWORKED BY THIS CONTRACTOR AS REQUIRED TO RETURN TO ITS FORMER EXISTING OPERATING CONDITION.
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**GENERAL NOTES:**

1. REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL DEMO WORK.
2. E.C. SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING AND POWER FOR USE DURING DEMOLITION AND NEW SHELL WORK CONSTRUCTION. E.C. TO DETERMINE EXACT SCOPE PRIOR TO FINALING BID.
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6. REFERENCE EXISTING ELECTRICAL ONE-LINE DIAGRAM ON SHEET ED-200 FOR MORE INFORMATION.

**KEY NOTES:** (1)

1. E.C. SHALL COMPLETELY DEMO AND REMOVE ALL ELECTRICAL WIRING, CONDUIT, LIGHTING, AND DEVICES ON EXISTING WALLS, FLOORS AND CEILINGS UNLESS OTHERWISE NOTED.

**DEMO: Existing Complete Electrical Devices & Lighting To Be Removed With Associated Wiring & Conduit In This Ar... 2698.2 SQ FT**



**JEFFREY TAYLOR ARCHITECT**

572 NORTH BROADWAY  
WHITE PLAINS, NEW YORK 10603

TEL 914 289 0011



**Thorson+Baker Associates CONSULTING ENGINEERS**  
100 West Riverchase Road  
Riverton, CO 80488  
303.833.4000  
303.833.8070 Fax



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SHEET TITLE:

ELECTRICAL DEMOLITION PLAN - MEZZANINE



2024  
**H&M**  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHROP BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:

**ED-130**

REV. NO.:

D.O.B. NO.:

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JEFFREY  
TAYLOR  
ARCHITECT

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ELECTRICAL DEMOLITION ONE-LINE DIAGRAM

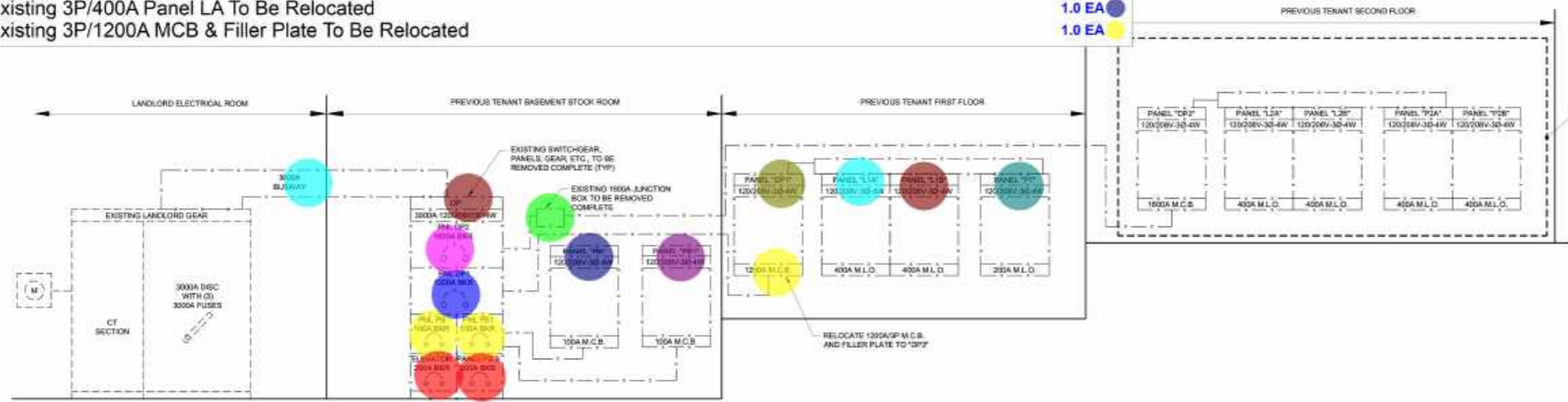
H&M  
2024  
STORE NO. US 0762 - FLAGSHIP  
WOODWARD & LOTHROP BUILDING  
1020 G STREET, NW  
WASHINGTON, DC

SHEET NO.:  
ED-200

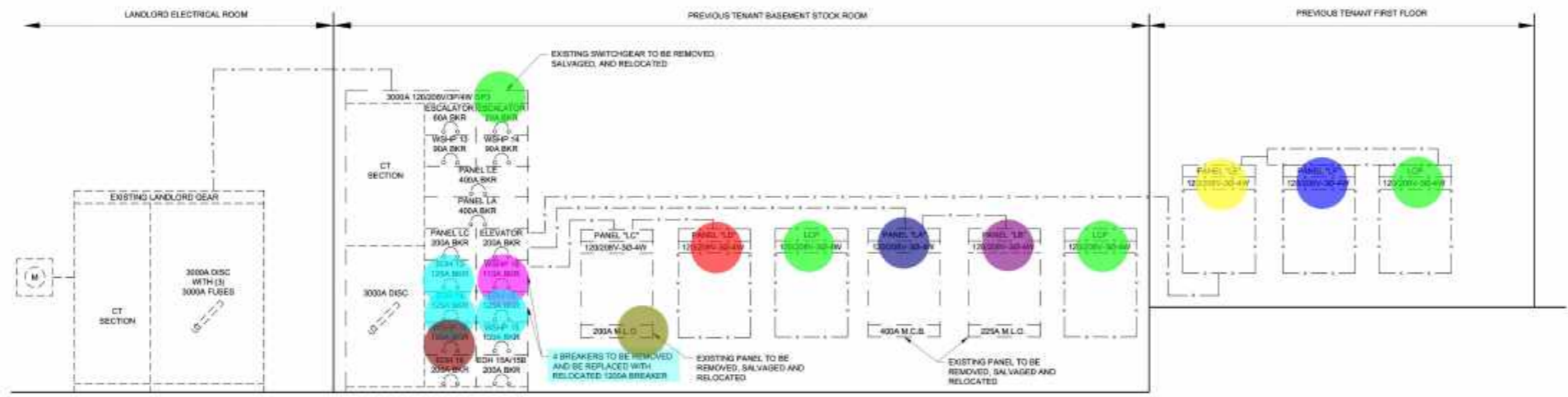
REV. NO.

D.O.B. NO.

- DEMO: Existing 3P/100A Breaker To Be Removed 2.0 EA
- DEMO: Existing 3P/110A Breaker To Be Removed 1.0 EA
- DEMO: Existing 3P/125A Breaker To Be Removed 3.0 EA
- DEMO: Existing 3P/150A Breaker To Be Removed 1.0 EA
- DEMO: Existing 3P/200A Breaker To Be Removed 2.0 EA
- DEMO: Existing 3P/1200A Breaker To Be Removed 1.0 EA
- DEMO: Existing 3P/1600A Breaker To Be Removed 1.0 EA
- DEMO: Existing 100A Panel LD To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 100A Panel LE To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 100A Panel LF To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 100A Panel PB To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 100A Panel PB1 To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 200A Panel P1 To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 400A Panel L1A To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 400A Panel L1B To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 1200A Panel DP1 To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 1600A Junction Box To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing 3000A Busbay To Be Removed 1.0 EA
- DEMO: Existing 3000A Switchgear DP To Be Removed With Associated Wiring & Conduit 1.0 EA
- DEMO: Existing Lighting Control Panel To Be Removed With Associated Wiring & Conduit 3.0 EA
- REL: Existing 3000A Switchgear DP3 With CT Section & 3000A Disconnect Switch To Be Relocated 1.0 EA
- RELO: Existing 3P/200A Panel LC To Be Relocated 1.0 EA
- RELO: Existing 3P/225A Panel LB To Be Relocated 1.0 EA
- RELO: Existing 3P/400A Panel LA To Be Relocated 1.0 EA
- RELO: Existing 3P/1200A MCB & Filler Plate To Be Relocated 1.0 EA



1 EXISTING SERVICE (1 OF 2) RISER DIAGRAM  
NO SCALE



2 EXISTING SERVICE (2 OF 2) RISER DIAGRAM  
NO SCALE

**ELECTRICAL LINE LEGEND**

- INDICATES NEW EQUIPMENT/CONDUIT/WIRE, UNLESS NOTED OTHERWISE
- INDICATES EXISTING EQUIPMENT/CONDUIT/WIRE, UNLESS NOTED OTHERWISE
- - - INDICATES EXISTING EQUIPMENT/CONDUIT/WIRE TO BE REMOVED
- - - INDICATES RELOCATED EQUIPMENT/CONDUIT/WIRE, UNLESS NOTED OTHERWISE