

# HEATH NEWARK LICKING COUNTY PORT AUTHORITY

## BUILDING RENOVATION

### PROJECT SCOPE DESCRIPTION

This project consists of renovation of a 16,532 square foot, 1 story with mezzanine pre-engineered metal building structure, and slab on grade. The purpose of the building is for future industrial/office tenant fit-out the building has a 5,888 SF office area. The building is not sprinklered. Interior will be heated with existing and new equipment.

1425 Mount Vernon Road  
Newark, Ohio 43055

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### OWNER / DEVELOPER

HEATH NEWARK LICKING COUNTY PORT AUTHORITY  
251 IRVING WICK DRIVE WEST  
HEATH, OHIO 43056  
PH# (740) 788-5500

### ARCHITECT

JBA ARCHITECTS, P.C.  
55 JULIA STREET  
HEBRON, OHIO 43025  
PH# (740) 366-3391

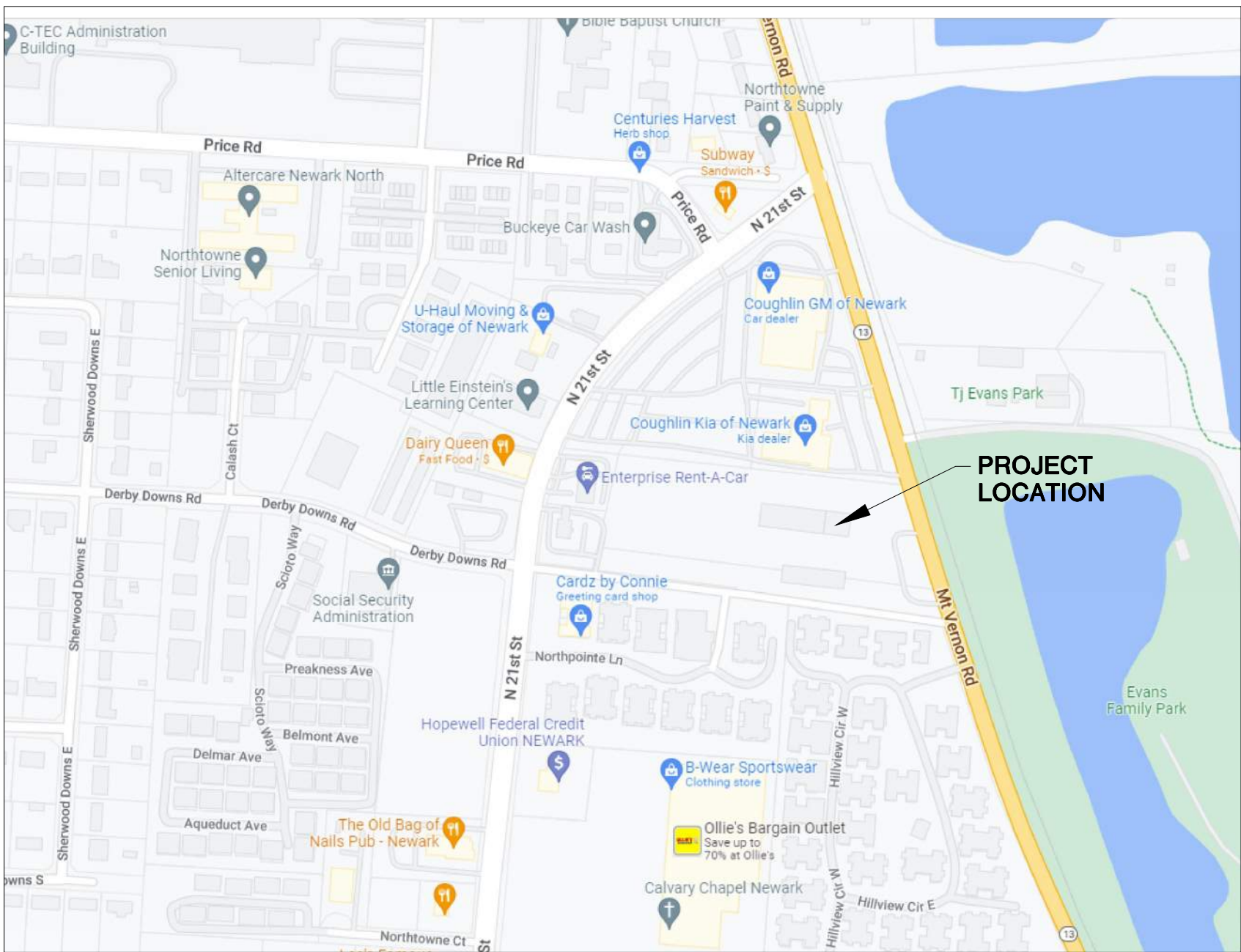
### MECHANICAL ENGINEERING

MC MULLEN ENGINEERING CO  
100 SOUTH STATE ST  
WESTERVILLE, OH 43081  
PH# (614) 895-3408



VICINITY MAP

N.T.S.



LOCATION MAP

N.T.S.



BUILDING CODE SYNOPSIS

|                        |            |                  |
|------------------------|------------|------------------|
| <b>Building Area</b>   |            |                  |
| Basement               | 0          | gsf              |
| First Floor            | 15142      | gsf              |
| Second Floor           | 1390       | gsf              |
| Total Area             | 16532      | gsf              |
| Shell Area             | 9254       | gsf              |
| Office Area            | 5888       | gsf              |
| <b>Building Height</b> |            |                  |
| 1 story,               | 31.5 feet, | floor to parapet |

**Building Description**  
One story, slab on grade, pre-engineered structural steel framed building with concrete block, glass storefront and metal siding. Building is separated by 8" full height CMU 3 hour fire wall from earlier use as car dealership with garage area wall extends above lower roof by 4'

The roof is exposed fastener metal over pre-engineered metal purlins over insulation

Building does not have a fire suppression system or fire alarm system.

This project is for future tenant space

**General Building Limitations**  
Construction Classification: IIB  
Use and Occupancy Classification: Tenant Space S-1 Storage: B Office Mixed use separated  
Tenant Space F-1 Factory: B Office Mixed use separated

Gross building area limited to: 15,500 gsf per floor  
Building height limited to: 2 stories 55 feet based on F Occupancy

**Fire Resistive Requirements**  
Structural Frame 0 hour  
Exterior Bearing Walls 0 hour  
Interior Bearing Walls 0 hour  
Non-Bearing Interior Walls 0 hour  
Floor Construction (including beams/joists) 0 hour  
Roof Construction (including beams/joists) 0 hour

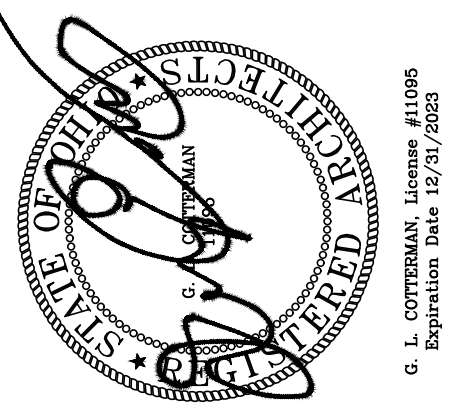
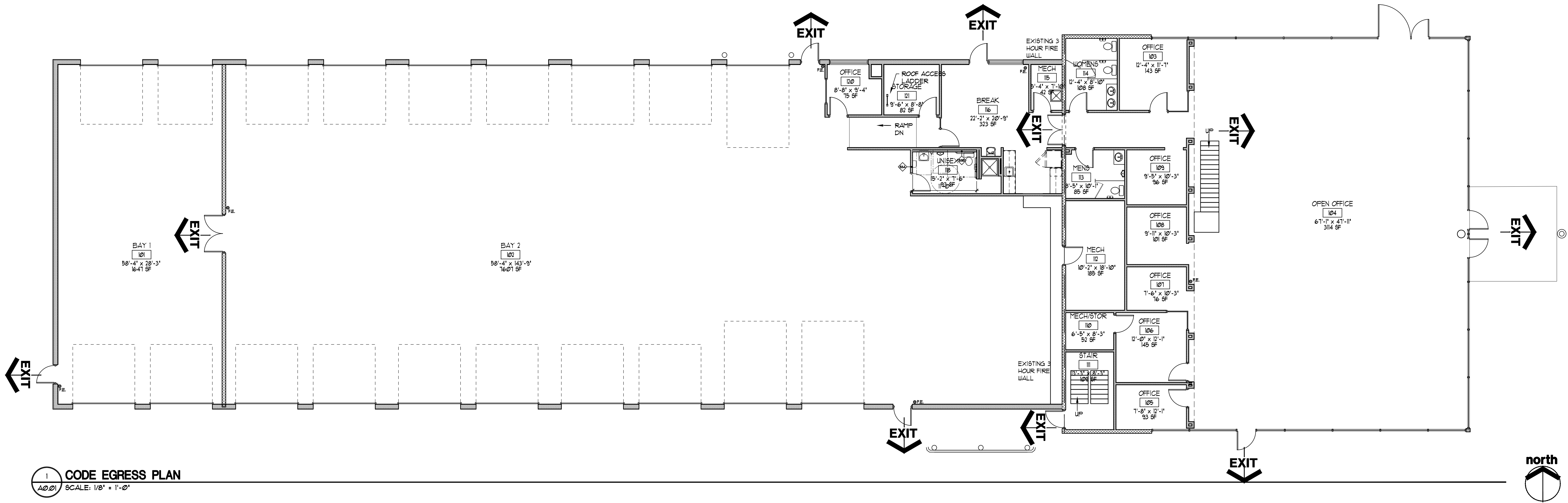
Table 602 exterior wall fire-resistance rating based on fire separation distance  
less than 5 feet 2 hour  
greater than or equal to 5 ft but less than 10 ft 1 hour  
greater than or equal to 10 ft but less than 30 ft 0 hour Complies  
greater or equal to 30 feet 0 hour

| Room Rm # | Area (sf) | Area type | sf / occ. | Occ.               |
|-----------|-----------|-----------|-----------|--------------------|
| S-1 Area  | 9254. SF  | Warehouse | 500       | 19                 |
| B Area    | 5888. SF  | Office    | 100       | 59                 |
|           |           |           |           | 78 total occupants |

| Egress Width      | inches/occupant | occupants | total egress width |
|-------------------|-----------------|-----------|--------------------|
| Egress components | 0.2 inches      | x 78      | = 17 15.6          |

**Common Path of Egress Travel**  
The common path of egress travel shall not exceed 200 feet, per 1017.2

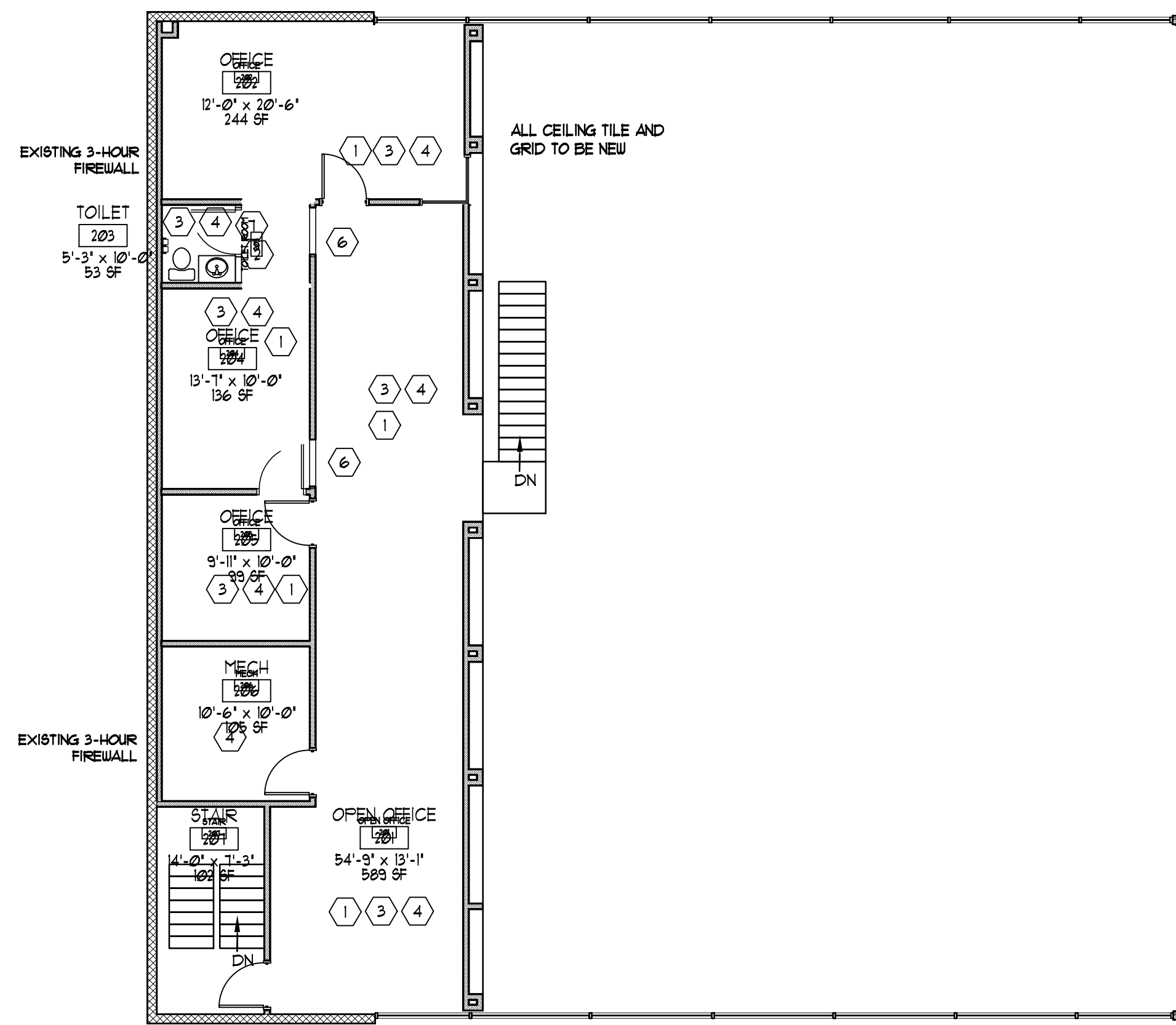
| Toilet Room Requirements | Business | 1 per | 50 | 2 Total required |
|--------------------------|----------|-------|----|------------------|
|                          |          |       |    | 3 Provided       |



|                                                                                                                                                                                                                                        |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| JBA Architects, P.C.<br>555 Main Street<br>Cincinnati, Ohio 45202<br>PH: 740-386-3391<br>EMAIL: g@cottrill.com                                                                                                                         |      |
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| REVISION                                                                                                                                                                                                                               | DATE |

Heath Newark Licking County Port Authority  
BUILDING RENOVATION  
1425 Mount Vernon Road  
Newark, Ohio 43055

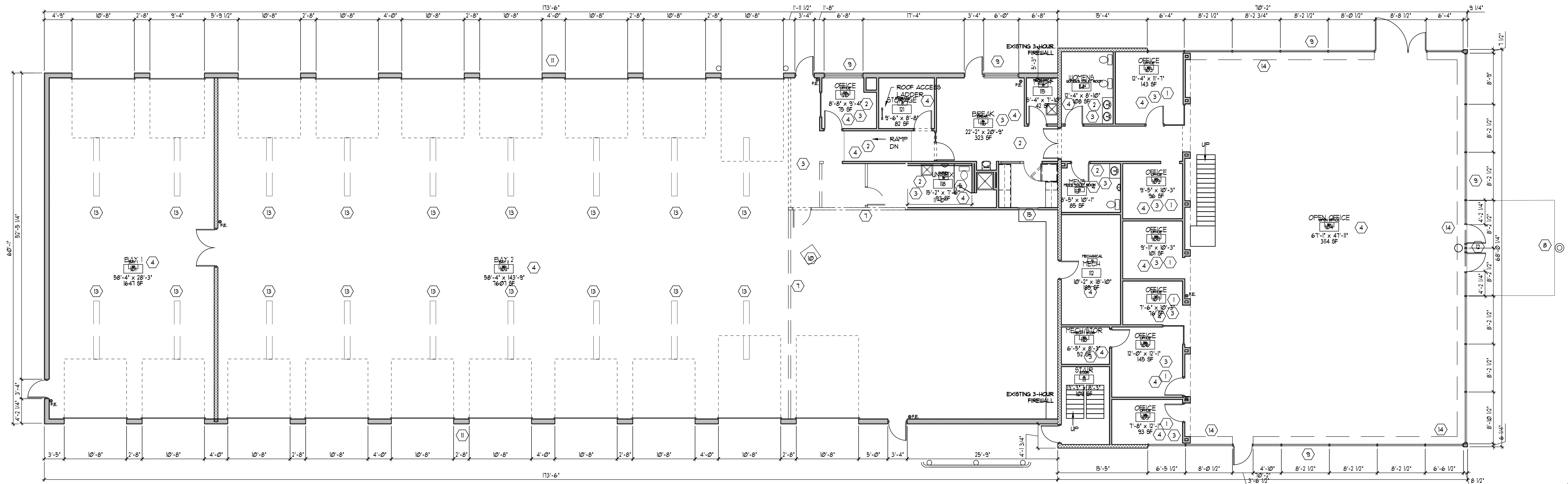
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| DESIGN          | OWNER                             | DISPOSITION NO. | 23021    |
| CHECKED BY      | GLC                               | DATE            | 06/06/23 |
| PROJECT MANAGER | GLC                               | DATE            |          |
| SHEET TITLE     | EGRESS FLOOR PLAN / CODE SYNOPSIS |                 |          |
| SHEET NO.       | A0.01                             |                 |          |



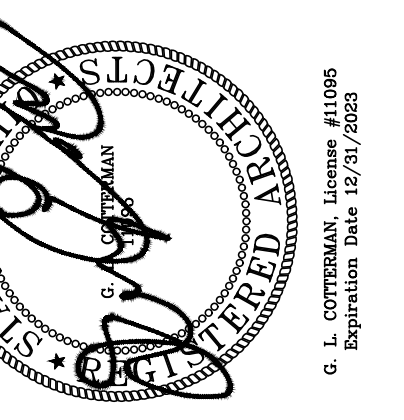
2 MEZZANINE FLOOR DEMO PLAN  
SCALE: 1/8" = 1'-0"

- DEMO CODED NOTES**
1. REMOVE EXISTING CARPET AND PREPARE FLOOR FOR NEW CARPET
  2. REMOVE EXISTING VINYL FLOORING AND PREPARE FLOOR FOR NEW VINYL FLOORING
  3. REMOVE ALL CEILING TILE AND GRID AND PREPARE FOR REPLACEMENT
  4. REMOVE ALL EXISTING LIGHTING AND PREPARE FOR NEW LIGHTING
  5. REMOVE EXISTING PLUMBING FIXTURE AND REPLACE AS SHOWN ON ARCHITECTURAL DRAWINGS EXISTING SHOWER TO REMAIN
  6. REMOVE EXISTING WALL AND PREPARE FOR NEW DOOR
  7. REMOVE EXISTING WALL REPAIR FLOOR AS NEEDED
  8. RELOCATE EXISTING FLAGPOLE TO NEW LOCATION SEE CIVIL DRAWINGS
  9. REMOVE EXISTING GLASS IN CURTAIN WALL SYSTEM AND PREPARE FOR NEW GLASS - RECONFIGURE FOR NEW ENTRY DOORS SEE ARCHITECTURAL FLOOR PLANS/ELEVATIONS
  10. REMOVE EXISTING REINFOR HEATER IN PRODUCTION AREA REMOVE POWER BACK TO PANEL AND CAP GAS BACK AT SOURCE
  11. REMOVE EXISTING PA SPEAKERS ON INTERIOR AND EXTERIOR OF BUILDING PATCH HOLES IN SIDING AND WALLS
  12. CUT EXISTING CMU AND CONCRETE FOR NEW DOOR OPENING PROVIDE NEW CONCRETE FOR NEW WALK
  13. REMOVE EXISTING POLYCARBONATE SKYLIGHTS TO BE REPLACED WITH NEW LIKE UNITS - SEAL ROOF AS NEEDED
  14. REMOVE EXISTING RETURN AIR FLENUM AROUND FLOOR PERIMETER THIS ROOM - PREPARE FLOOR FOR NEW TILE MATCHING EXISTING
  15. REMOVE EXISTING WINDOW INFILL WITH NEW 25 GA STD FRAMING AND 3/4" DRYWALL - FINISH AND PAINT

- GENERAL DEMOLITION NOTES:**
1. CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE STARTING DEMOLITION.
  2. PRIOR TO COMMENCING DEMOLITION, THE CONTRACTOR SHALL PERFORM WALK-THROUGH OF AREA WITH OWNER SO THAT OWNER MAY IDENTIFY ITEMS TO BE SALVAGED AND TURNED OVER TO OWNER.
  3. ALL DEMOLISHED BUILDING MATERIALS ARE TO BE REMOVED OFF SITE BY CONTRACTOR PER STATE AND LOCAL CODES UNLESS NOTED OTHERWISE.
  4. CONTRACTOR IS TO DEMOLISH ALL STRUCTURE AND ITEMS SHOWN - MAINTAIN BUILDING ENCLOSURE AND STRUCTURAL INTEGRITY THROUGHOUT WORK.
  5. IT IS THE INTENT THAT ALL LIGHTING FIXTURES, RECEPTACLES, SYSTEMS DEVICES, SYSTEMS WIRING, CONDUITS, CIRCUITING, PANEL BOARDS, CABLE TRAYS, ETC., WITHIN THE DEMOLITION AREAS BE DISCONNECTED AND REMOVED IN ITS ENTIRETY. ALL DEVICES AND LIGHTING FIXTURES ARE NOT SHOWN. CONTRACTOR TO FIELD VERIFY QUANTITIES.
  6. CONTRACTOR IS TO COORDINATE THE REMOVAL OF ALL PLUMBING LINES AND SANITARY FOR NEW WORK AS SHOWN ON ARCHITECTURAL - PLUMBING CONTRACTOR TO OBTAIN PLUMBING PERMIT FROM COUNTY - WHERE PLUMBING LINES ARE TRACED BACK TO SOURCE PROVIDE ISOLATION VALVES.
  7. ALL MISCELLANEOUS CONCRETE AND ASPHALT TO BE DEMOLISHED AND REMOVED AS NEEDED FOR NEW CONSTRUCTION SEE CIVIL DRAWINGS.



1 GROUND FLOOR DEMO PLAN  
SCALE: 1/8" = 1'-0"



JBA Architects, P.C.  
3535 Judd Avenue  
Cincinnati, OH 45235  
PH: 740-386-3391  
EMAIL: g.cotterman@jbapec.net

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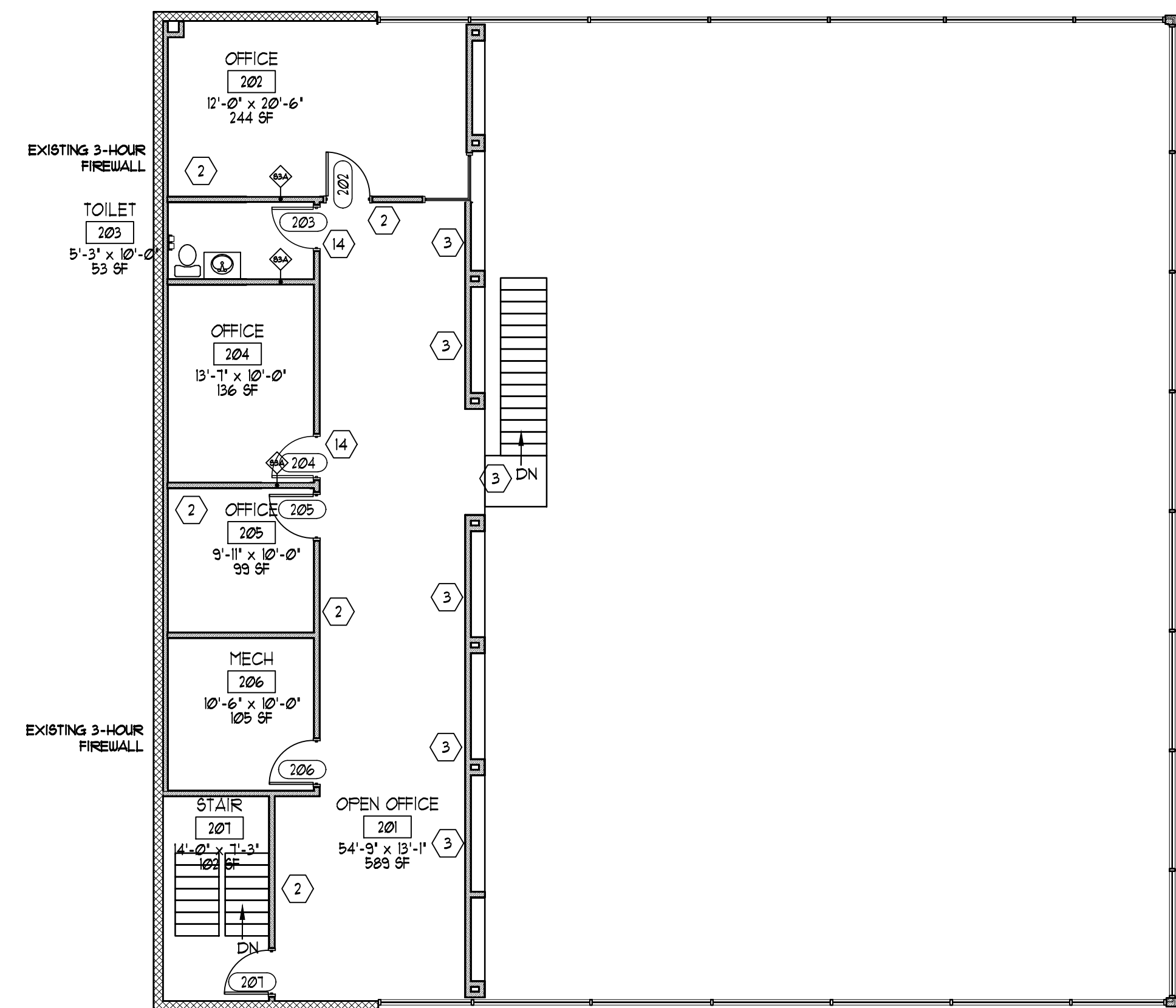
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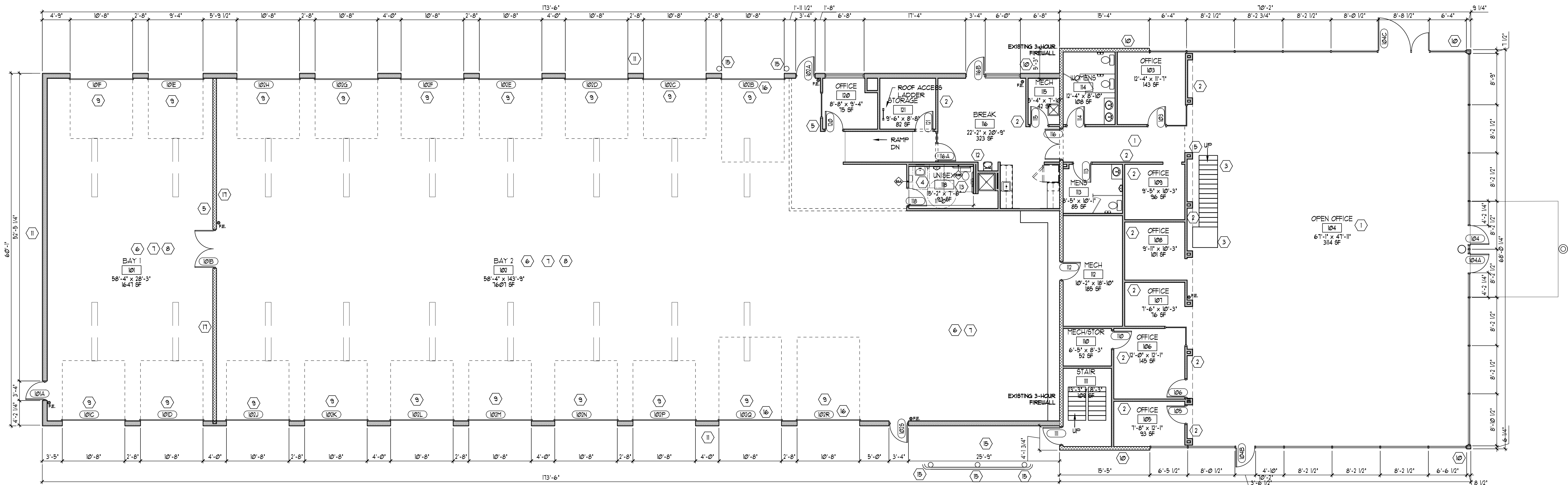
Heath Newark Licking County Port Authority  
BUILDING RENOVATION  
1425 Mount Vernon Road  
Newark, Ohio 43055

PERMIT SET

| DESIGN          | OWNER           | DATE     | DATE  |
|-----------------|-----------------|----------|-------|
| 23021           | GLC             | 06/06/23 |       |
| CHECKED BY:     | PROJECT MANAGER | DATE:    | DATE: |
|                 | GLC             |          |       |
| DEMO FLOOR PLAN |                 |          |       |
| SHEET NO. D1.01 |                 |          |       |



2 MEZZANINE PLAN  
A1.01 SCALE: 1/8" = 1'-0"



1 FLOOR PLAN  
A1.01 SCALE: 1/8" = 1'-0"

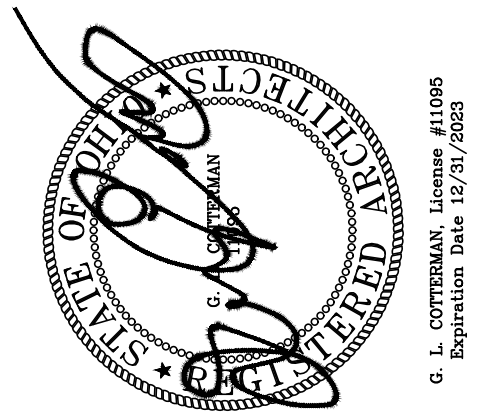
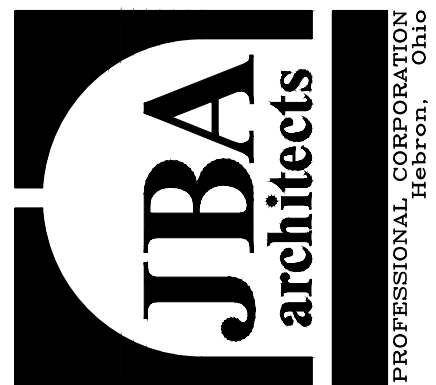


#### FLOOR PLAN GENERAL NOTES

- ALL DIMENSIONS TO NEW WALLS ARE TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- SEE SHEET A4.01 FOR ENLARGED PLAN OF OFFICE AREAS

#### PLAN CODED NOTES

- EXISTING CERAMIC FLOOR TILE TO BE CLEANED, REPAIR GROUT, SEAL AND POLISHED
- EXISTING WALLPAPER TO BE TESTED FOR ADHESION. IF SOLID REPAIR AS NEEDED AND PAINT
- PREPARE EXISTING STAIR RAILS AND STRUCTURE FOR NEW PAINT COLOR SELECTED BY OWNER. TREADS TO HAVE CARPET TO BE SELECTED BY OWNER
- RE-PLUMB EXISTING FIXTURES INTO NEW WALL FOR TOILET ROOM WALL FINISH TO BE WATER BASED EPOXY PAINT
- RE-WORK EXISTING ELECTRICAL CIRCUIT TO PROVIDE WALL SWITCHING AT THIS LOCATION
- CLEAN EXISTING CEILING AS NEEDED TO RECEIVE NEW DRY FILL PAINT COLOR ANTIQUE WHITE
- REMOVE EXISTING STUDS IN FLOOR, PATCH, GRIND AND CLEAN AS REQUIRED TO RECEIVE NEW LIGHT GRAY EPOXY FLOOR COATING
- REVIEW EXISTING SKYLIGHTS IN PRODUCTION AREA REMOVE AND REPLACE WITH LIKE UNITS
- REMOVE AND REPLACE WITH NEW WEATHER STRIPPING TOP, SIDES AND BOTTOMS OF ALL OVERHEAD DOORS
- REPAIR/REPLACE ALL DAMAGED EXPOSED CMU BLOCKS ON EXTERIOR OF BUILDING PREPARE FOR NEW PAINT
- REPAIR/PATCH ALL HOLES AND DAMAGED SIDING ON EXTERIOR OF BUILDING PREPARE FOR NEW PAINT
- NEW WATER FOUNTAIN WITH BOTTLE FILLER AT THIS LOCATION
- NEW PLUMBING FIXTURES IN THIS ROOM
- CUT OPENING FOR NEW DOOR THIS LOCATION
- CLEAN AND PREPARE EXISTING BOLLARDS FOR NEW SAFETY YELLOW PAINT
- RELOCATE OH DOOR CONTROLS TO ADJACENT TO DOOR BEING CONTROLLED
- AT TOP OF CMU WALL FILL GAP WITH BATT INSULATION AND COVER WITH 28 GA BREAK METAL 12"x12" FASTENED TO WALL ON EACH SIDE



JBA Architects, P.C.  
353 Main Street  
Newark, Ohio 43095  
PH: 740-386-3391  
EMAIL: jba@jba.net

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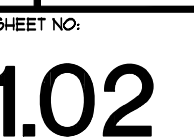
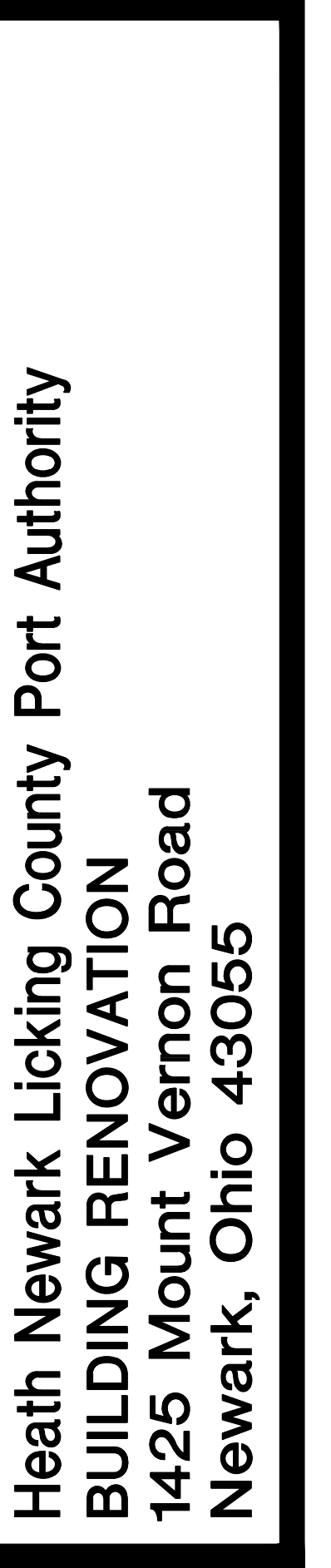
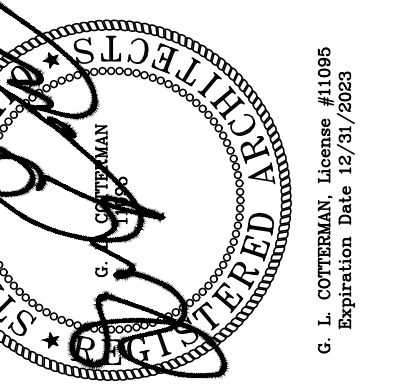
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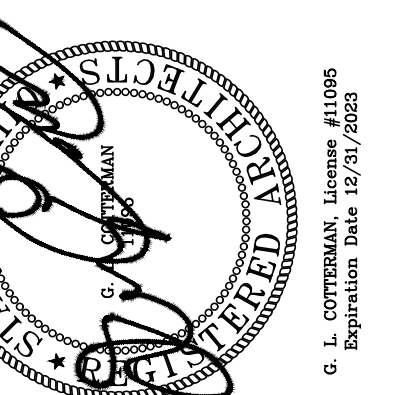
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Heath Newark Licking County Port Authority  
BUILDING RENOVATION  
1425 Mount Vernon Road  
Newark, Ohio 43055

PERMIT SET

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| DESIGN          | OWNER      | DATE | 2/20/21  |
| CHECKED BY      | GLC        | DATE | 06/06/23 |
| PROJECT MANAGER | GLC        | DATE |          |
| SHEET TITLE     | FLOOR PLAN |      |          |
| SHEET NO.       | A1.01      |      |          |





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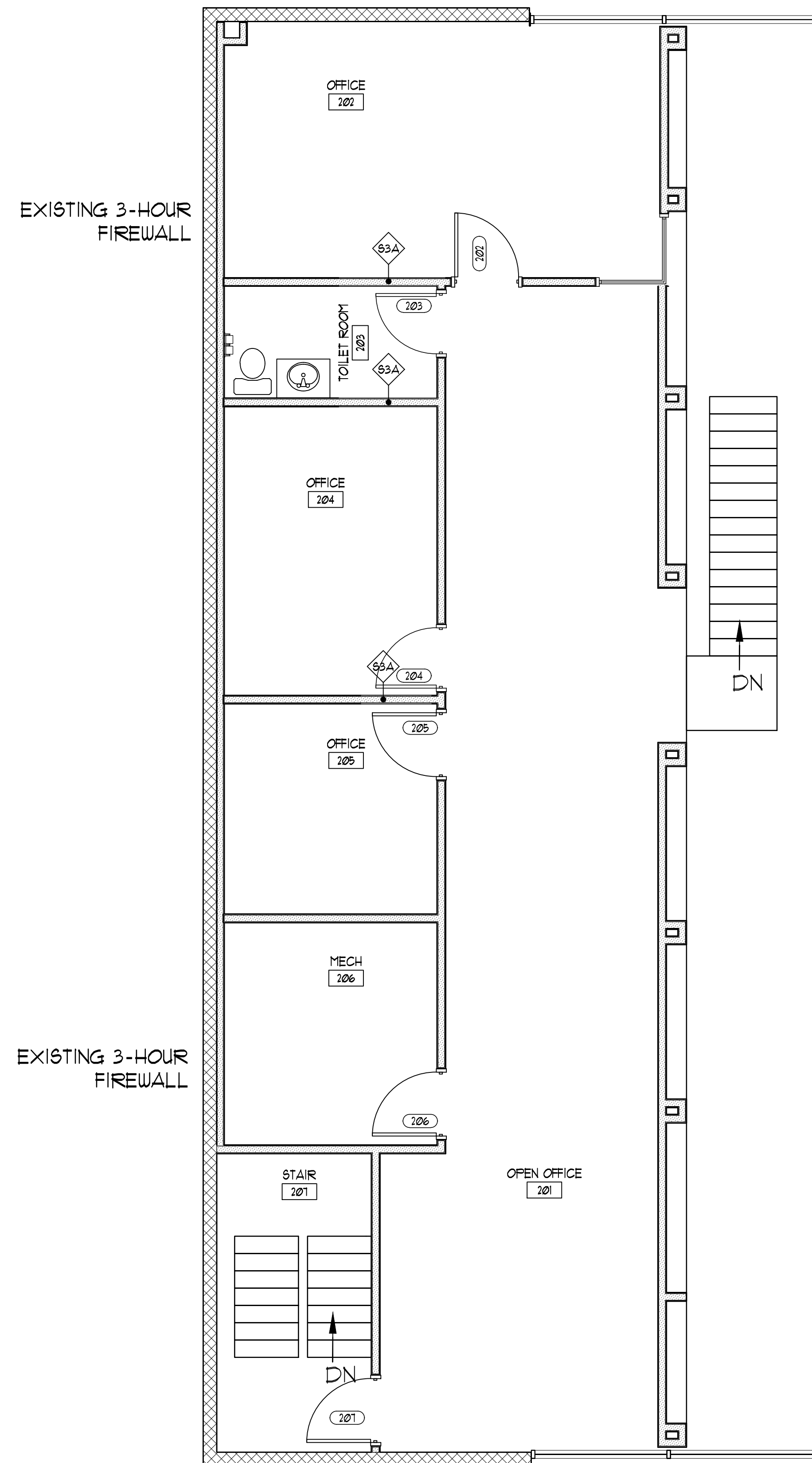
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| PROJECT MANAGER:                  | GLC | BID DATE: |
| SHEET TITLE:                      |     |           |
| EXTERIOR ELEVATIONS /<br>SECTIONS |     |           |

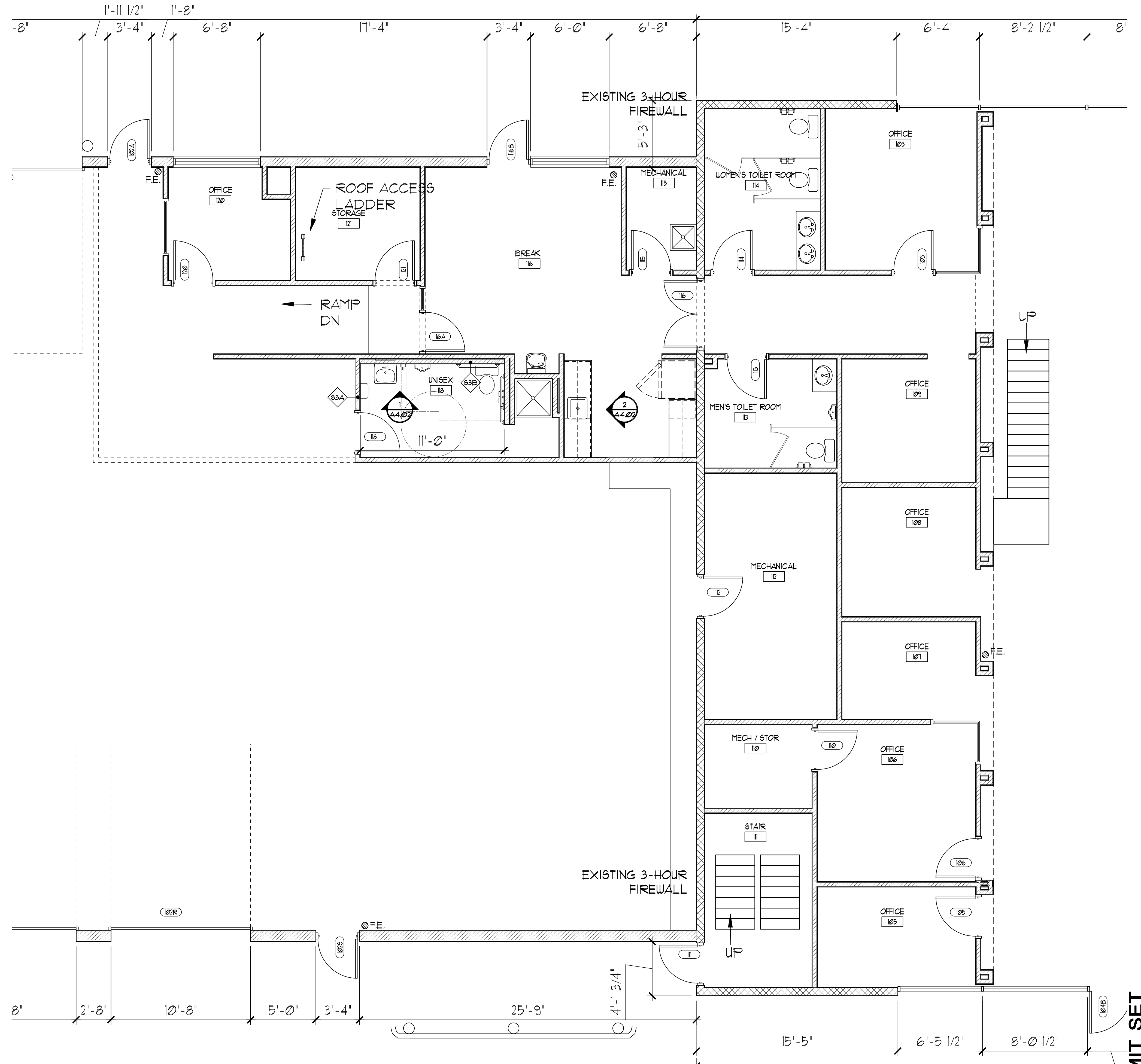
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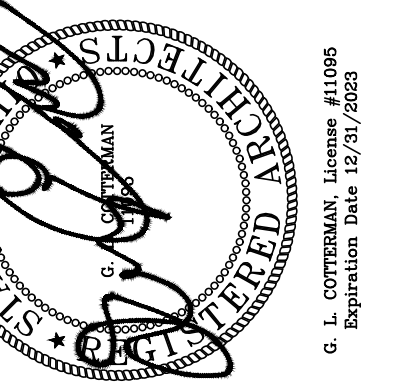
2 ENLARGED MEZZANINE FLOOR PLAN  
SCALE: 1/4" = 1'-0"



1 ENLARGED GROUND FLOOR PLAN  
SCALE: 1/4" = 1'-0"

| INTERIOR PARTITION TYPES SCHEDULE |                |               |               |            |        |                      |                     |                         |            |
|-----------------------------------|----------------|---------------|---------------|------------|--------|----------------------|---------------------|-------------------------|------------|
| MARK                              | DESCRIPTION    | STUD FRAMING  |               | REINF. CMU | HEIGHT | GYP. BD. (5/8" UNO.) | ADDITIONAL FINISHES | INSULATION              | REMARKS    |
|                                   |                | METAL         | SPACING       |            |        |                      |                     |                         |            |
| 93A                               | STUD PARTITION | 3 1/2" 20 GA. | 16" O.C. MAX. | --         | 12'-0" | BOTH SIDES           | --                  | SOUND ATTENUATION BATTS | SEE NOTE 1 |
| 93B                               | STUD PARTITION | 3 1/2" 20 GA. | 16" O.C. MAX. | --         | 12'-0" | ONE SIDE             | --                  | SOUND ATTENUATION BATTS | SEE NOTE 1 |
|                                   |                |               |               |            |        |                      |                     |                         |            |

NOTE:  
1. GYPSUM BOARD STOPS 6" ABOVE CEILING TILE ELEVATION.



JBA Architects, P.C.  
3333 Main Street  
Newark, Ohio 43055  
PH: 740-386-3391  
EMAIL: gosterman@jba.net

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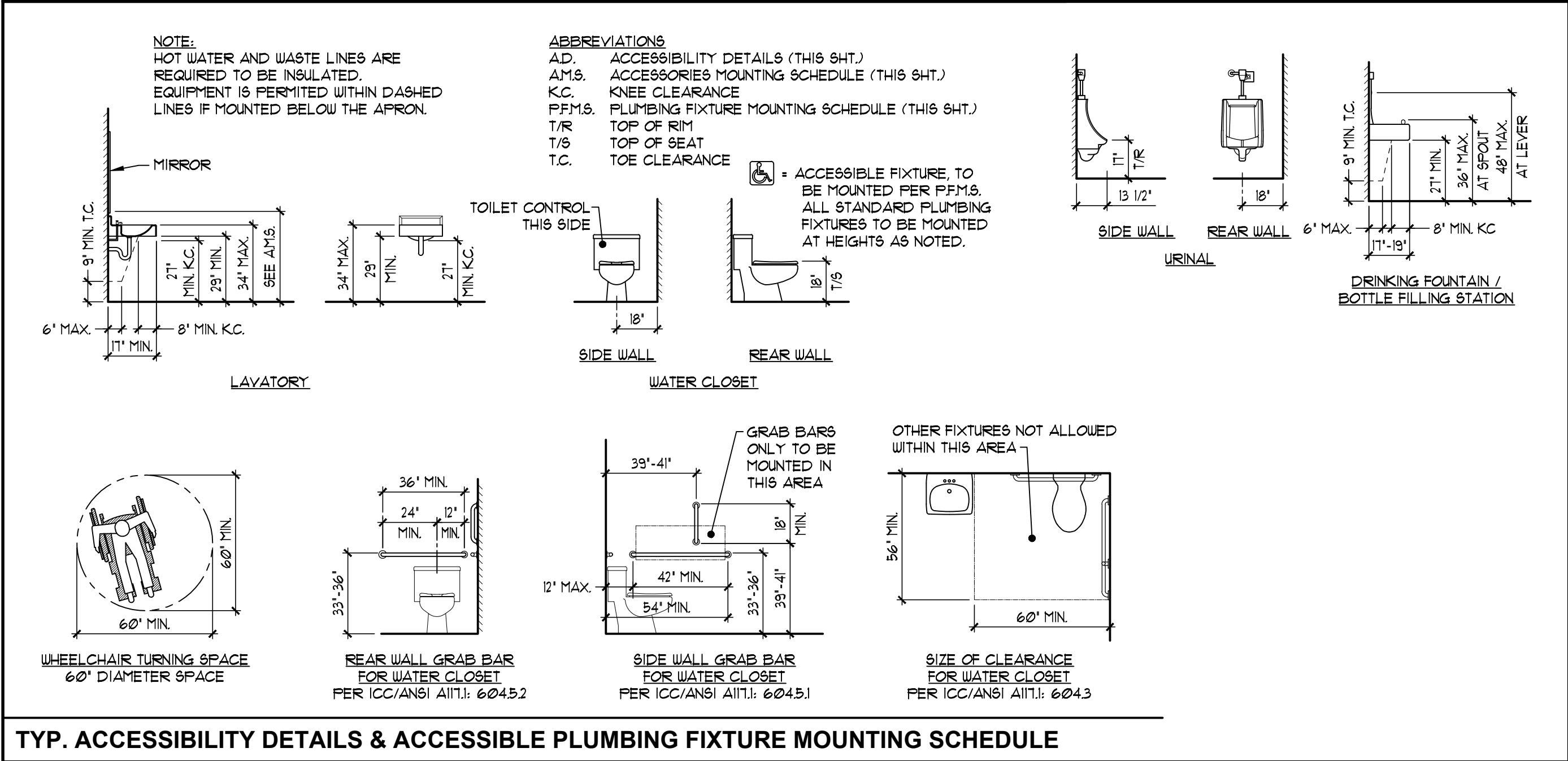
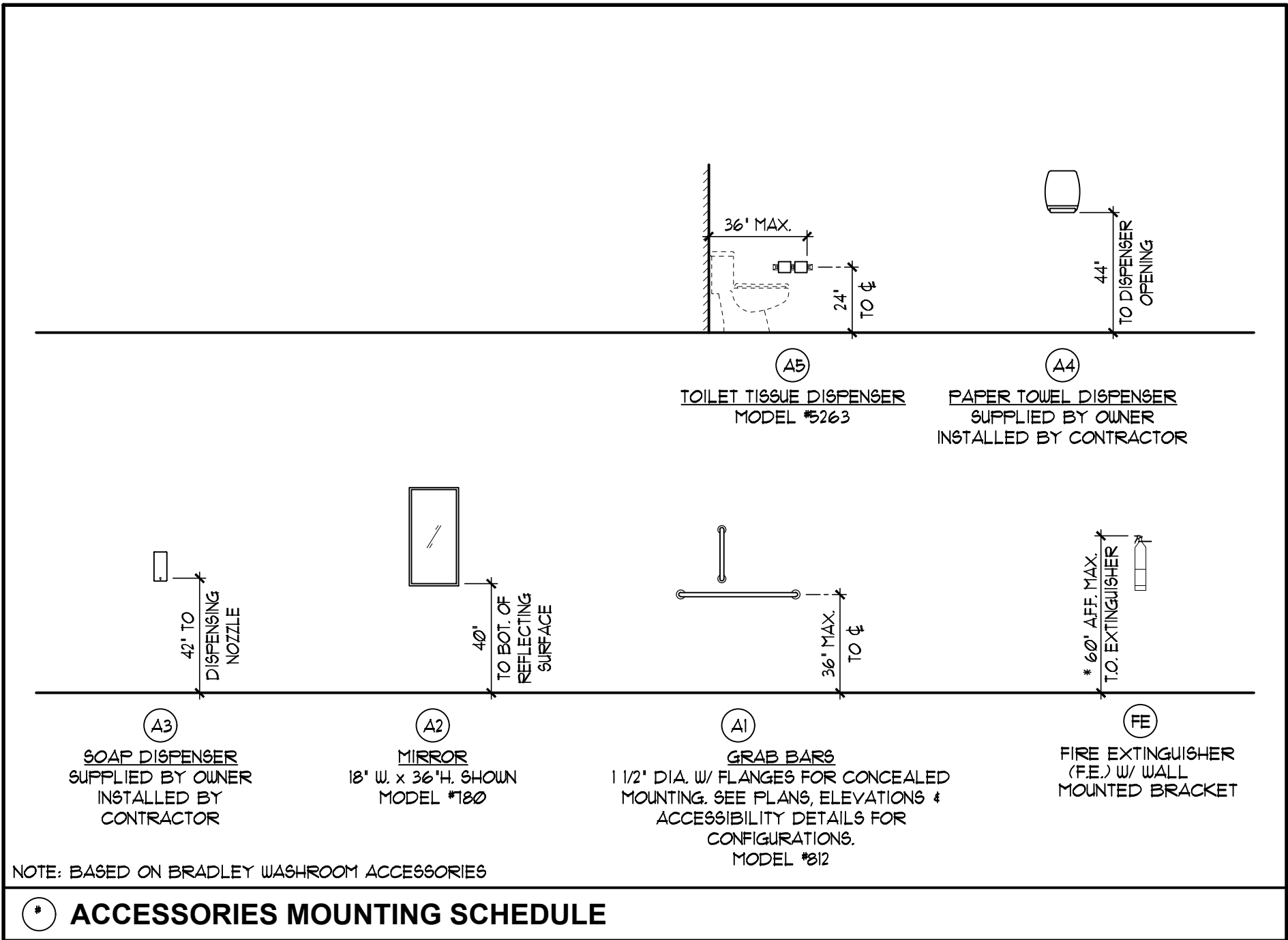
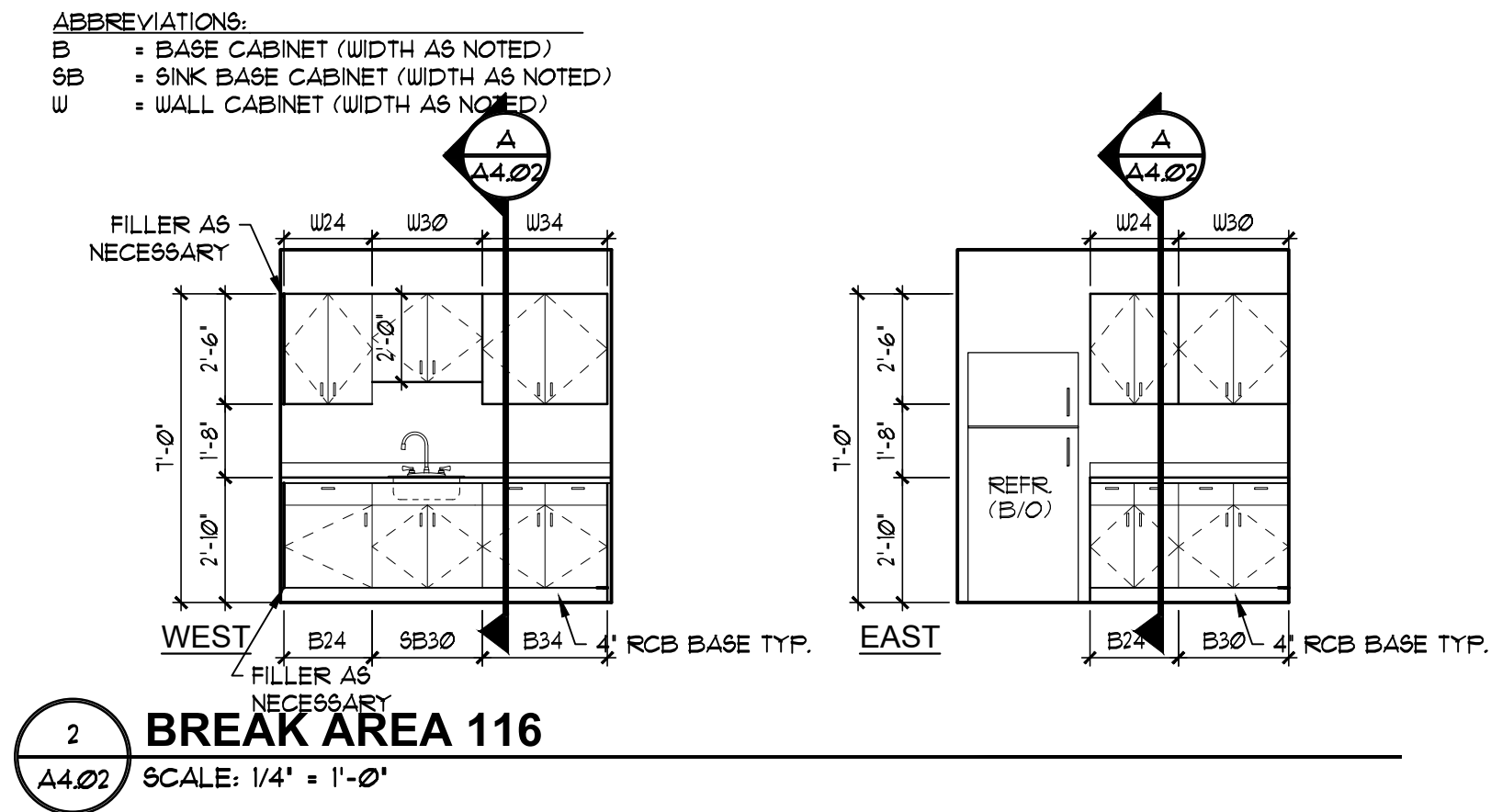
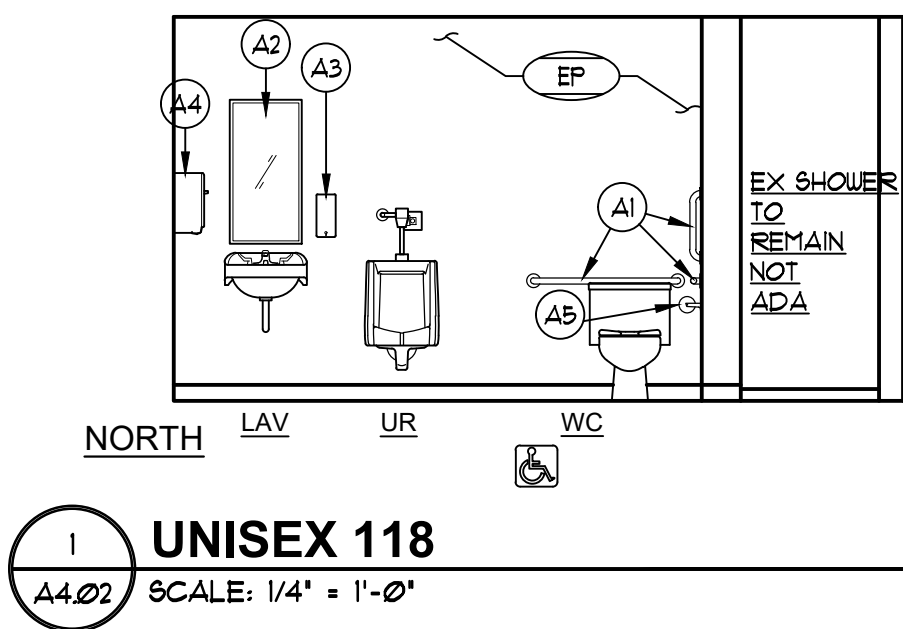
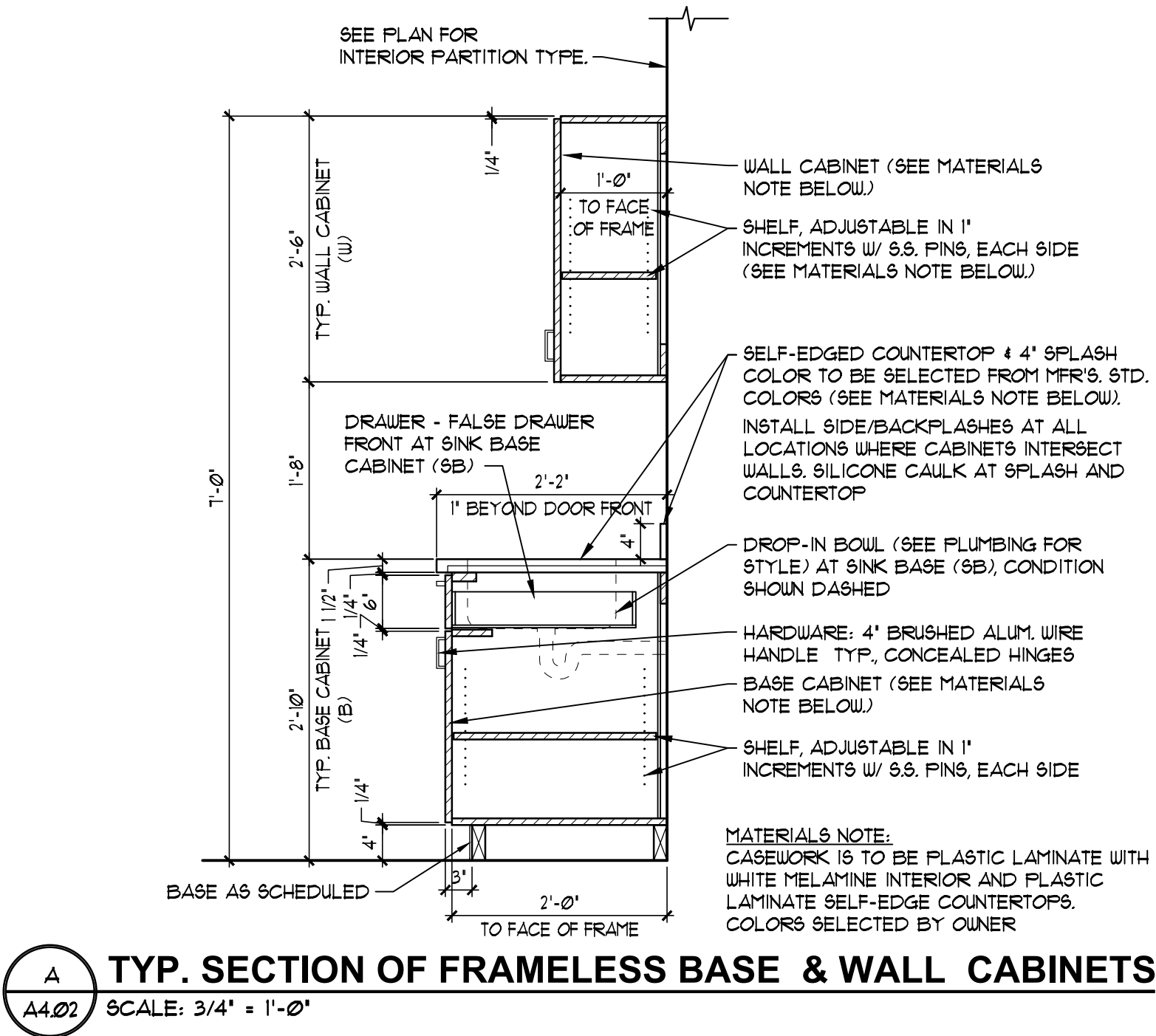
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DESIGN: OWNER: OUTLINE: 23021  
CHECKED BY: GLC: DATE: 06/06/23  
PROJECT NUMBER: GLC: SHEET NO.:  
SHEET TITLE: ENLARGED FLOOR PLANS

PERMIT SET

A4.01

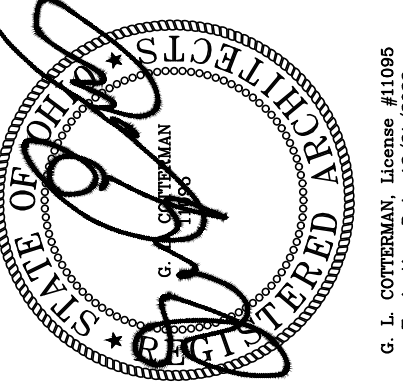


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| CHECKED BY     | GLC                               | DATE | 06/06/23 |
| PROJECT NUMBER | GLC                               | DATE |          |
| SHEET TITLE    | INTERIOR ELEVATIONS / SPECIALTIES |      |          |
| SHEET NO.      | A4.02                             |      |          |

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| HARDWARE TYPES                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------|-------------------------|--------|--|
| CONTRACTOR TO PROVIDE ALL HARDWARE FOR A COMPLETE WORKING SYSTEM INCLUDING ALL POWER CONTROLS AND LOCK CORES. IF THERE ARE DISCREPANCIES IN THE HARDWARE SETS PROVIDE ALL HARDWARE REQUIRED TO MAKE THE SYSTEM FUNCTIONAL. |                                                                       |                                |                         |        |  |
| HARDWARE SET 1                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 104                                                                                                                                                                                                                        | OPEN OFFICE TO EXTERIOR                                               |                                |                         |        |  |
| 104A                                                                                                                                                                                                                       | OPEN OFFICE TO EXTERIOR                                               |                                |                         |        |  |
| 104B                                                                                                                                                                                                                       | OPEN OFFICE TO EXTERIOR                                               |                                |                         |        |  |
| 116B                                                                                                                                                                                                                       | BREAK TO EXTERIOR                                                     |                                |                         |        |  |
| 3070 ALUMXALUM CLEAR ANODIZED SWING HARDWARE PER SUPPLIER                                                                                                                                                                  |                                                                       |                                |                         |        |  |
| ENTRY                                                                                                                                                                                                                      | DOOR FUNCTION - OPEN ACCESS DURING BUSINESS HOURS WITH PANIC HARDWARE |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| DOOR HARDWARE                                                                                                                                                                                                              | PER DOOR                                                              | SUPPLIER                       |                         |        |  |
| LCN                                                                                                                                                                                                                        | 1.0                                                                   | DOOR CLOSER                    | 4111 EDA                | 695    |  |
| VON                                                                                                                                                                                                                        | 1.0                                                                   | 98 RM EXIT DEVICE              |                         | 626    |  |
| VON                                                                                                                                                                                                                        | 1.0                                                                   | PULLS WITH KEYING PER SUPPLIER |                         | 626    |  |
| VON                                                                                                                                                                                                                        | 2.0                                                                   | STRIKES PER SUPPLIER -         | DUSTLESS AT FLOOR       | 626    |  |
| HARDWARE SET 2                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 118                                                                                                                                                                                                                        | BAY 2 TO UNISEX TOILET/SHOWER - FLUSH                                 |                                |                         |        |  |
| 3070 HMXDHMF                                                                                                                                                                                                               |                                                                       |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| HAG                                                                                                                                                                                                                        | 3.0                                                                   | HINGES                         | BB1279 4.5" X 4.5"      | 626    |  |
| BEST                                                                                                                                                                                                                       | 1.0                                                                   | PRIVACY LOCK                   | 9K30LDS3                | 626    |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | WALL STOP                      | 236W                    | US26D  |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | KICK PLATES                    | 10"X30"                 | 630    |  |
| HARDWARE SET 3                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 203                                                                                                                                                                                                                        | OPEN OFFICE TO OFFICE - FLUSH                                         |                                |                         |        |  |
| 204                                                                                                                                                                                                                        | OPEN OFFICE TO OFFICE - FLUSH                                         |                                |                         |        |  |
| 103                                                                                                                                                                                                                        | 3070                                                                  | HMXDHMF                        | NEW DOOR                |        |  |
| 105                                                                                                                                                                                                                        | CORRIDOR TO OFFICE - EXISTING                                         |                                |                         |        |  |
| 106                                                                                                                                                                                                                        | OPEN OFFICE TO OFFICE - EXISTING                                      |                                |                         |        |  |
| 110                                                                                                                                                                                                                        | OPEN OFFICE TO OFFICE - EXISTING                                      |                                |                         |        |  |
| 110                                                                                                                                                                                                                        | OFFICE TO STORAGE - EXISTING                                          |                                |                         |        |  |
| 112                                                                                                                                                                                                                        | BAY 2 TO MECHANICAL - EXISTING                                        |                                |                         |        |  |
| 115                                                                                                                                                                                                                        | BREAK TO MECHANICAL - EXISTING                                        |                                |                         |        |  |
| 120                                                                                                                                                                                                                        | BAY 2 TO OFFICE - EXISTING                                            |                                |                         |        |  |
| 121                                                                                                                                                                                                                        | BAY 1 TO STORAGE - EXISTING                                           |                                |                         |        |  |
| 202                                                                                                                                                                                                                        | OPEN OFFICE TO OFFICE - EXISTING                                      |                                |                         |        |  |
| 205                                                                                                                                                                                                                        | OPEN OFFICE TO OFFICE - EXISTING                                      |                                |                         |        |  |
| 206                                                                                                                                                                                                                        | OPEN OFFICE TO MECHANICAL - EXISTING                                  |                                |                         |        |  |
| REPAIR/PAINT DOOR AND FRAME NEW HARDWARE                                                                                                                                                                                   |                                                                       |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| HAG                                                                                                                                                                                                                        | 3.0                                                                   | HINGES 203&204                 | BB1191 4.5" X 4.5"      | 626    |  |
| BEST                                                                                                                                                                                                                       | 1.0                                                                   | ENTRANCE LOCK                  | 9K-3-7-AB-15D-A-STK-626 | 626    |  |
| BEST                                                                                                                                                                                                                       | 1.0                                                                   | 7 PIN LOCK CORE AND TRIM       |                         | 626    |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | WALL STOP                      | 236W                    | US26D  |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | KICK PLATES                    | 10"X30"                 | 630    |  |
| HARDWARE SET 4                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 101A                                                                                                                                                                                                                       | BAY 1 TO EXTERIOR                                                     |                                |                         |        |  |
| 102A                                                                                                                                                                                                                       | BAY 2 TO EXTERIOR                                                     |                                |                         |        |  |
| 102B                                                                                                                                                                                                                       | BAY 2 TO EXTERIOR                                                     |                                |                         |        |  |
| 111                                                                                                                                                                                                                        | STAIR TO EXTERIOR                                                     |                                |                         |        |  |
| 3070 EXISTING DOOR AND FRAME TO BE PAINTED/REPAIRED NEW HARDWARE                                                                                                                                                           |                                                                       |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| VON                                                                                                                                                                                                                        | 1.0                                                                   | EXIT DEVICE                    | 98LDL06                 | 626    |  |
| LCN                                                                                                                                                                                                                        | 1.0                                                                   | DOOR CLOSER                    | 4041 REG PA             | 689    |  |
| GLN                                                                                                                                                                                                                        | 1.0                                                                   | OH STOP                        | 81 SERIES               | 630    |  |
| NBP                                                                                                                                                                                                                        | 1.0                                                                   | WEATHERSTRIP                   | 1605A                   |        |  |
| NBP                                                                                                                                                                                                                        | 1.0                                                                   | THRESHOLD                      | 896S                    |        |  |
| HARDWARE SET 5                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 104C                                                                                                                                                                                                                       | OPEN OFFICE TO EXTERIOR                                               |                                |                         |        |  |
| 8080 ALUMXALUM UNEQUAL PAIR CLEAR ANODIZED SWING HARDWARE PER SUPPLIER                                                                                                                                                     |                                                                       |                                |                         |        |  |
| ENTRY                                                                                                                                                                                                                      | DOOR FUNCTION - OPEN ACCESS DURING BUSINESS HOURS WITH PANIC HARDWARE |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| DOOR HARDWARE                                                                                                                                                                                                              | PER DOOR                                                              | SUPPLIER                       |                         |        |  |
| LCN                                                                                                                                                                                                                        | 1.0                                                                   | DOOR CLOSER                    | 4111 EDA                | 695    |  |
| VON                                                                                                                                                                                                                        | 1.0                                                                   | 98 RM EXIT DEVICE              |                         | 626    |  |
| HAG                                                                                                                                                                                                                        | 2.0                                                                   | FLUSHBOLTS TOP & BOTTOM        |                         | 626    |  |
| VON                                                                                                                                                                                                                        | 2.0                                                                   | PULLS WITH KEYING PER SUPPLIER |                         | 626    |  |
| VON                                                                                                                                                                                                                        | 4.0                                                                   | STRIKES PER SUPPLIER -         | DUSTLESS AT FLOOR       | 626    |  |
| HARDWARE SET 6                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 116A                                                                                                                                                                                                                       | BREAK TO BAY 1 - EXISTING                                             |                                |                         |        |  |
| 207                                                                                                                                                                                                                        | OPEN OFFICE TO STAIR - EXISTING                                       |                                |                         |        |  |
| REPAIR/PAINT DOOR AND FRAME NEW HARDWARE                                                                                                                                                                                   |                                                                       |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| BEST                                                                                                                                                                                                                       | 1.0                                                                   | PASSAGE LOCK                   | 9K-15D PASSAGE          | 626    |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | WALL STOP                      | 236W                    | US26D  |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | KICK PLATES                    | 10"X30"                 | 630    |  |
| HARDWARE SET 7                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 113                                                                                                                                                                                                                        | CORRIDOR TO MEN - EXISTING                                            |                                |                         |        |  |
| 114                                                                                                                                                                                                                        | CORRIDOR TO WOMEN - EXISTING                                          |                                |                         |        |  |
| REPAIR/PAINT DOOR AND FRAME NEW HARDWARE                                                                                                                                                                                   |                                                                       |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | PUSH PLATE                     | 305 8"X16"              | 630    |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | DOOR PULL                      | 33G 4"X16"              | 630    |  |
| LCN                                                                                                                                                                                                                        | 1.0                                                                   | DOOR CLOSER                    | 4041 EDA                | 689    |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | WALL STOP                      | 236W                    | US26D  |  |
| HARDWARE SET 8                                                                                                                                                                                                             |                                                                       |                                |                         |        |  |
| OPENING                                                                                                                                                                                                                    | LOCATION                                                              |                                |                         |        |  |
| 101B                                                                                                                                                                                                                       | BAY 2 TO BAY 1 - EXISTING                                             |                                |                         |        |  |
| 116                                                                                                                                                                                                                        | CORRIDOR TO BREAK - REPAIR EXISTING MAGNETIC DOOR HOLD SYSTEM         |                                |                         |        |  |
| REPAIR/PAINT DOOR AND FRAME NEW HARDWARE                                                                                                                                                                                   |                                                                       |                                |                         |        |  |
| MFR                                                                                                                                                                                                                        | QTY                                                                   | ITEM TYPE                      | ITEM DESCRIPTION        | FINISH |  |
| BEST                                                                                                                                                                                                                       | 1.0                                                                   | PASSAGE LOCK                   | 9K-3-7-B-15D-A-STK-626  | 626    |  |
| YALE                                                                                                                                                                                                                       | 2.0                                                                   | DOOR CLOSER                    | 4400 REG PA             | 689    |  |
| HAG                                                                                                                                                                                                                        | 2.0                                                                   | AUTO FLUSHBOLT                 | 291D                    | 626    |  |
| HAG                                                                                                                                                                                                                        | 1.0                                                                   | DUST PROOF STRIKE              | 280X STANDARD MOUNT     |        |  |
| HAG                                                                                                                                                                                                                        | 2.0                                                                   | KICK PLATES                    | 10"X30"                 | 630    |  |
| NOTES                                                                                                                                                                                                                      |                                                                       |                                |                         |        |  |
| SEE THIS SHEET FOR HEAD AND JAMB DETAILS. REFER TO SHEET A1.01 FOR FOR LOCATIONS.                                                                                                                                          |                                                                       |                                |                         |        |  |

| DOOR SCHEDULE |           |        |        |      |       |        |          |       |       |        |                           |      |               |       |                 |              |                                      |
|---------------|-----------|--------|--------|------|-------|--------|----------|-------|-------|--------|---------------------------|------|---------------|-------|-----------------|--------------|--------------------------------------|
| MARK<br>(X)   | DOOR      |        |        |      |       |        |          | FRAME |       |        |                           |      | HOUR<br>GROUP | LABEL | SIGNAGE<br>TYPE | REMARKS      |                                      |
|               | SIZE      |        |        | TYPE | MAT'L | FINISH | GLAZING  | TYPE  | MAT'L | FINISH | DETAILS (THIS SHIT, UNO.) |      |               |       |                 |              |                                      |
|               | WIDTH     | HEIGHT | THK    |      |       |        |          |       |       |        | SILL                      | JAMB |               |       |                 |              | HEAD                                 |
| 10A           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | --       | HM    | HM    | PT     | EX                        | EX   | EX            | 4     | --              | TACTILE EXIT | CLEAN/REPAIR REPAINT NEW HOUR        |
| 10B           | 6'-4"     | 7'-0"  | 1 3/4" | F-2  | HM    | PT     | --       | HM    | HM    | PT     | EX                        | EX   | EX            | 8     | --              | TACTILE EXIT | CLEAN/REPAIR/PAINT                   |
| 10C           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10D           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10E           | 9'-4"     | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10F           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10G           | 3'-0"     | 7'-0"  | 1 3/4" | G    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 4     | --              | TACTILE EXIT | CLEAN/REPAIR REPAINT NEW HOUR        |
| 10H           | 10'-0"    | 14'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10I           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10J           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10K           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10L           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10M           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10N           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10O           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10P           | 10'-0"    | 10'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10Q           | 10'-0"    | 14'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10R           | 10'-0"    | 14'-0" | 1 3/4" | CHS  | STL   | PREFIN | EX       | MFR   | MFR   | MFR    | EX                        | EX   | EX            | EX    | --              | --           | NEW SEALS ALL SIDES / CLEAN/PAINT    |
| 10S           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 4     | --              | TACTILE EXIT | CLEAN/REPAIR REPAINT NEW HOUR        |
| 10T           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 10U           | 3'-2 1/2" | 8'-0"  | 1 3/4" | FG   | ALUM  | ANOD   | 18G      | AL    | ALUM  | ANOD   | A1                        | A2   | A3            | 1     | --              | EXIT         | NEW DOOR VERIFY EXISTING MULLION HGT |
| 10V           | 3'-2 1/2" | 8'-0"  | 1 3/4" | FG   | ALUM  | ANOD   | 18G      | AL    | ALUM  | ANOD   | A1                        | A2   | A3            | 1     | --              | EXIT         | NEW DOOR VERIFY EXISTING MULLION HGT |
| 10W           | 3'-2 1/2" | 8'-0"  | 1 3/4" | FG   | ALUM  | ANOD   | TEMP NEW | AL    | ALUM  | ANOD   | A1                        | A2   | A3            | 1     | --              | EXIT         | NEW DOOR VERIFY EX MULLION HGT       |
| 10X           | 3'-0"     | 8'-0"  | 1 3/4" | FG   | ALUM  | ANOD   | TEMP     | AL    | ALUM  | ANOD   | A1                        | A2   | A3            | 5     | --              | --           | NEW DOOR/GLASS/CLEAN/REPAIR          |
| 10Y           | 5'-6 1/2" | 8'-0"  | 1 3/4" | FG   | ALUM  | ANOD   | TEMP     | AL    | ALUM  | ANOD   | A1                        | A2   | A3            | 5     | --              | --           | NEW DOOR/GLASS/CLEAN/REPAIR          |
| 10Z           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11A           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11B           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11C           | 2'-11"    | 10'-0" | 1 3/4" | F    | HM    | PT     | --       | HM    | HM    | PT     | EX                        | EX   | EX            | 4     | 3-HR            | TACTILE EXIT | CLEAN/REPAIR REPAINT NEW HOUR        |
| 11D           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | 3-HR            | --           | CLEAN/PAINT                          |
| 11E           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11F           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11G           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11H           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11I           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11J           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11K           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11L           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11M           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11N           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11O           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11P           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11Q           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11R           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11S           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11T           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11U           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11V           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11W           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11X           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11Y           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 11Z           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12A           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12B           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12C           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12D           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12E           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12F           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12G           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12H           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12I           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12J           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12K           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12L           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12M           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12N           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12O           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12P           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12Q           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12R           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12S           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12T           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12U           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12V           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12W           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12X           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12Y           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |
| 12Z           | 3'-0"     | 7'-0"  | 1 3/4" | F    | HM    | PT     | TEMP     | HM    | HM    | PT     | EX                        | EX   | EX            | 3     | --              | --           | CLEAN/PAINT                          |

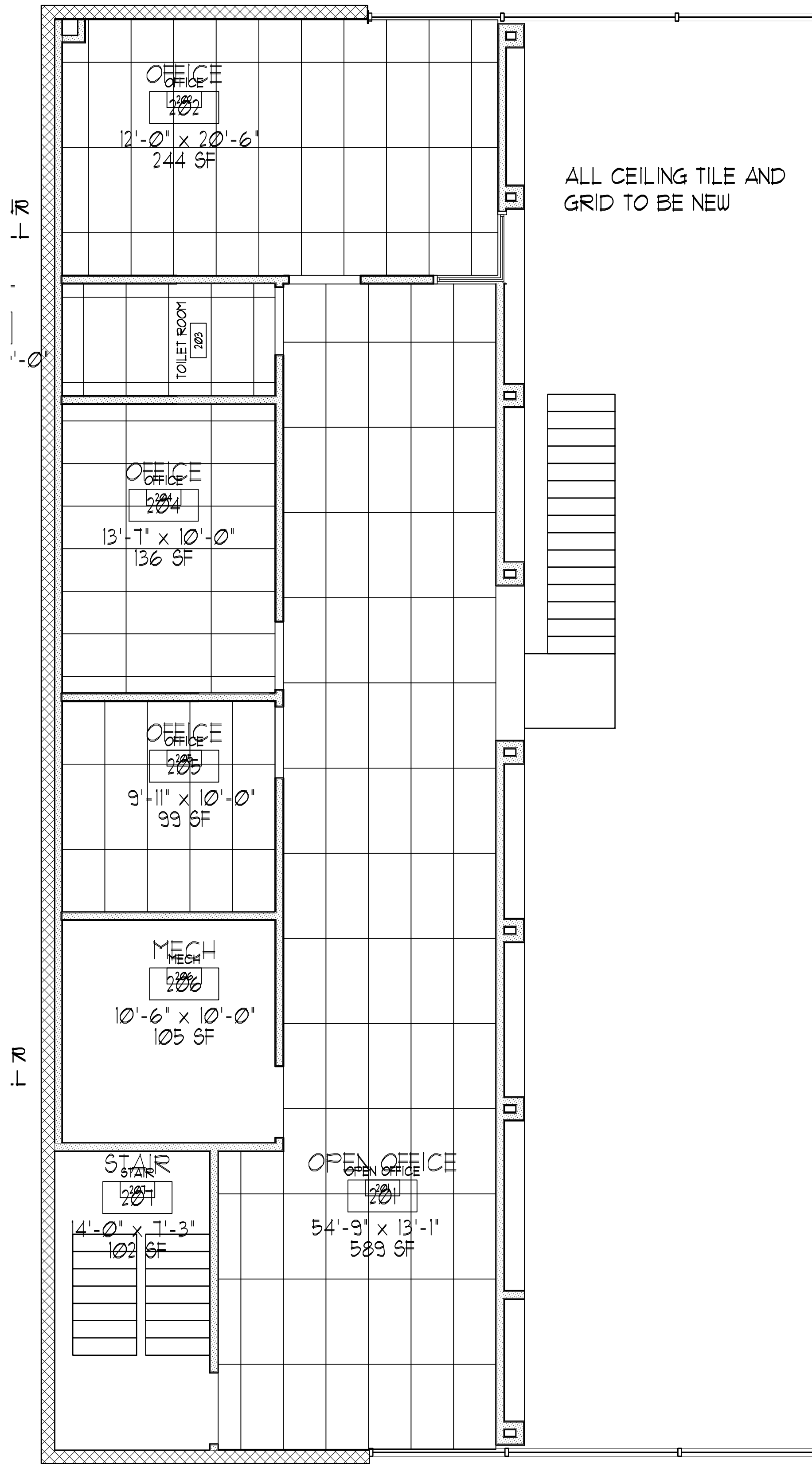
| ROOM FINISH ABBREVIATIONS/SPECIFICATIONS |                                                                 |                                                                                                                             |  |
|------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--|
| FLOORS:                                  |                                                                 |                                                                                                                             |  |
| CPT                                      | CARPET TILE                                                     | SHAW - COLLECTION CLEARVIEW - STYLE TRANSPARENT TILE- COLOR TO BE SELECTED BY OWNER- INSTALLATION TO BE DETERMINED IN FIELD |  |
| POL                                      | POLISHED CONCRETE                                               | SEALED POLISHED CONCRETE FLOOR FINAL SHEEN SATIN                                                                            |  |
| SC-1                                     | EXISTING CONCRETE FLOOR TO BE CLEANED AND SEALED                |                                                                                                                             |  |
| EPX                                      | EPOXY FLOOR COATING                                             | EQUAL TO STONEHARD STONCLAD EPOXY FLOOR COATING COLOR TO BE SELECTED FROM STANDARD HFR COLORS                               |  |
| BASE:                                    |                                                                 |                                                                                                                             |  |
| RCB                                      | RESILIENT COVE BASE                                             | JOHNSONITE 4" VINYL BASE COLOR TO BE DETERMINED                                                                             |  |
| WALLS:                                   |                                                                 |                                                                                                                             |  |
| PT-1                                     | PAINT, INTERIOR                                                 | PAINT ALL WALLS INCLUDING VINYL SCRM BACKING IN PRODUCTION AREAS                                                            |  |
| PT-2                                     | PAINT, ACCENT                                                   | PAINT SELECTED WALLS PER OWNER DIRECTION                                                                                    |  |
| PT-3                                     | STEEL STRUCTURE                                                 | DRY-FALL PAINT EXPOSED TO VIEW BUILDING STRUCTURE                                                                           |  |
| PT-4                                     | HM. DOOR AND FRAME                                              | LOW GLOSS OIL BASED COLOR TBD                                                                                               |  |
| EP                                       | EPOXY PAINT                                                     | EQUAL TO BEHR HPB50 WATER BASED EPOXY WALL PAINT                                                                            |  |
| LNR                                      | LINER PANELS                                                    | 29 GA WHITE LINER PANELS EQUAL TO MCELROY METALS LINER PANEL                                                                |  |
| CEILING:                                 |                                                                 |                                                                                                                             |  |
| SAT                                      | SUSPENDED ACOUSTICAL TILE                                       | SEE SPECS.                                                                                                                  |  |
| MISCELLANEOUS:                           |                                                                 |                                                                                                                             |  |
| LAM                                      | LAMINATE COUNTER TOP AND CABINETS COLOR TO BE SELECTED BY OWNER |                                                                                                                             |  |

- PAINTING - SCHEDULE
- INTERIOR WALLS
1. DRYWALL PARTITIONS
  1. ONE (1) COAT LOW-ODOR/VOC INTERIOR LATEX PRIMER/SEALER
  2. TWO (2) COATS LOW-ODOR/VOC INTERIOR LATEX SATIN FINISH
  2. TWO (2) COATS LOW-ODOR/VOC INTERIOR LATEX BLOCK FILLER
  2. TWO (2) COATS LOW-ODOR/VOC INTERIOR LATEX SATIN FINISH
  3. INTERIOR INSULATION SCRM BACKING
  3. CLEAN EXISTING AND PATCH ALL HOLES AND TEARS
  3. TWO (2) COATS LOW-ODOR/VOC INTERIOR LATEX SATIN FINISH
  3. TWO (2) COATS LOW-ODOR/VOC INTERIOR OIL SEMI-GLOSS
  3. TWO (2) COATS LOW-ODOR/VOC INTERIOR OIL SEMI-GLOSS
- HOLLOW METAL DOORS DOOR FRAMES AND WINDOW FRAMES
1. EXTERIOR DOORS AND FRAMES
  1. PRIME COAT PER SUPPLIER COMPATIBLE WITH TOP COAT
  2. TWO (2) COATS TO MATCH EXTERIOR PAINT FINISH
  2. INTERIOR DOORS AND FRAMES
  2. PRIME COAT PER SUPPLIER COMPATIBLE WITH TOP COAT
  2. TWO (2) COATS TO MATCH EXTERIOR PAINT FINISH
  2. TWO (2) COATS TO MATCH EXTERIOR PAINT FINISH
  2. TWO (2) COATS TO MATCH EXTERIOR PAINT FINISH
  2. TWO (2) COATS TO MATCH EXTERIOR PAINT FINISH
- EXPOSED STEEL STRUCTURE, CONDUITS AND DECK
1. PRIME COAT PER SUPPLIER COMPATIBLE WITH TOP COAT
  2. AFTER INSTALLATION FIELD PRIME DAMAGED AREAS WITH LIKE PRIMER
  3. TWO (2) COATS ALKYD DRY-FALL SYSTEM INDUSTRIAL GLOSS ENAMEL
- FINISH NOTES:
- A. SEALANT IS REQUIRED AT ALL CONTROL JOINT LOCATIONS - REFER TO SPECIFICATION SECTION 07 50 05
  - B. INSTALL MOISTURE BARRIER BETWEEN CONC. SLAB 4 LUXURY VINYL TILE (LVT).
  - C. PROVIDE 29 GA WHITE METAL LINER PANELS ON ROOMS 101 AND 102 WALLS WITH EXPOSED INSULATION

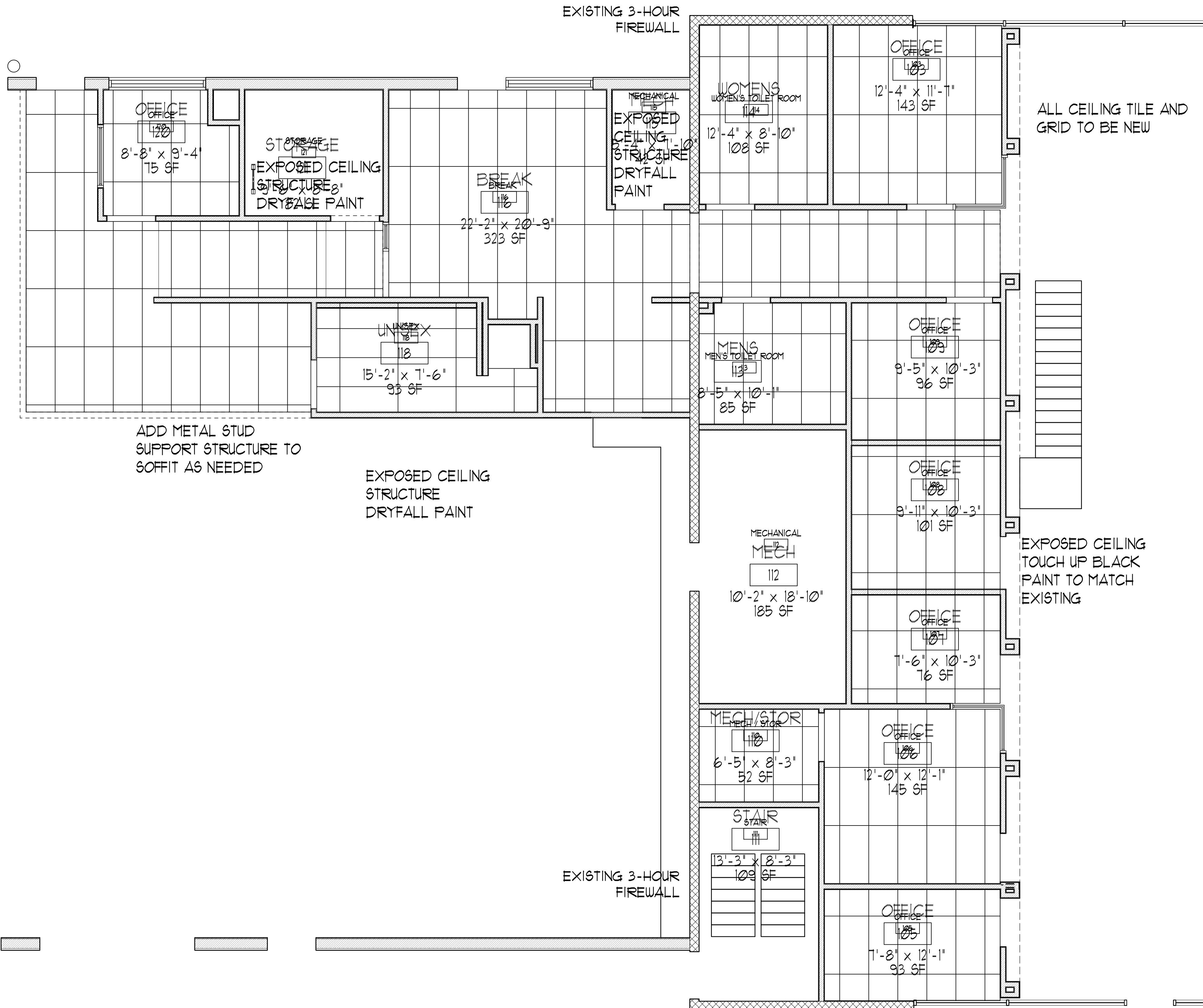
| ROOM FINISH SCHEDULE |                     |       |      |         |      |         |      |         |        |        |                             |
|----------------------|---------------------|-------|------|---------|------|---------|------|---------|--------|--------|-----------------------------|
| MARK                 | ROOM NAME           | FLOOR | BASE | WALLS   |      |         |      | CEILING |        |        | REMARKS                     |
|                      |                     |       |      | NORTH   | EAST | SOUTH   | WEST | MAT'L.  | FINISH | HEIGHT |                             |
| 101                  | BAY 1               | CONC  | --   | PT-VLNR | PT-2 | PT-VLNR | PT-1 | EXP     | PT     | VARIES | 29 GA LINER PANELS ON WALLS |
| 102                  | BAY 2               | CONC  | --   | PT-VLNR | PT-1 | PT-VLNR | PT-2 | EXP     | PT     | VARIES | 29 GA LINER PANELS ON WALLS |
| 103                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | SAT    | EX     |                             |
| 104                  | OPEN OFFICE         | EX    | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | EXP     | PT     | VARIES | CEILING TO BE BLACK         |
| 105                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | SAT    | EX     |                             |
| 106                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | SAT    | EX     |                             |
| 107                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | SAT    | EX     |                             |
| 108                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | SAT    | EX     |                             |
| 109                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | SAT    | EX     |                             |
| 110                  | MECH / STOR         | LVT   | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | SAT     | --     | 10'-0" |                             |
| 111                  | STAIR               | CONC  | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | EXP     | PT     | VARIES |                             |
| 112                  | MECHANICAL          | SC-1  | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | --      | --     | --     |                             |
| 113                  | MEN'S TOILET ROOM   | LVT   | RCB  | EP      | EP   | EP      | EP   | SAT     | SAT    | EX     |                             |
| 114                  | WOMEN'S TOILET ROOM | LVT   | RCB  | EP      | EP   | EP      | EP   | SAT     | SAT    | EX     |                             |
| 115                  | MECHANICAL          | SC-1  | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | --      | --     | --     |                             |
| 116                  | BREAK               | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | SAT    | EX     |                             |
| 118                  | UNISEX              | LVT   | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | SAT     | SAT    | EX     |                             |
| 119                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | --     | 10'-0" |                             |
| 120                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | --     | 10'-0" |                             |
| 121                  | STORAGE             | SC-1  | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | --      | SAT    | EX     |                             |
| 201                  | OPEN OFFICE         | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | --     | 10'-0" |                             |
| 202                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | --     | 10'-0" |                             |
| 203                  | TOILET ROOM         | LVT   | RCB  | EP      | EP   | EP      | EP   | SAT     | --     | 8'-0"  |                             |
| 204                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | --     | 10'-0" |                             |
| 205                  | OFFICE              | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-2 | SAT     | --     | 10'-0" |                             |
| 206                  | MECH                | CPT   | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | SAT     | --     | 10'-0" |                             |
| 207                  | STAIR               | CONC  | RCB  | PT-1    | PT-1 | PT-1    | PT-1 | SAT     | --     | 10'-0" |                             |

NOTES:

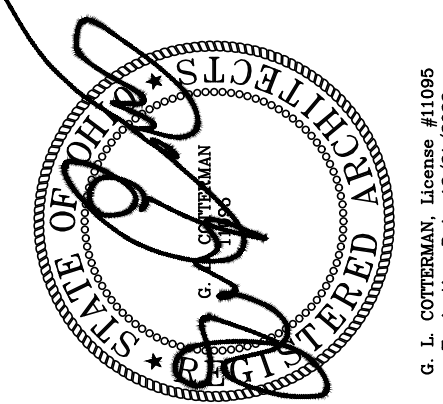
1. SEE REFLECTED CEILING PLAN FOR SAT, CEILING LOCATION. REMAINDER OF AREA IS TO BE EXPOSED ABOVE. PAINT EXPOSED STRUCTURE, DUCTWORK 4 OTHER DEVICES W/ PAINT PT-3.



1 REFLECTED CEILING PLAN  
A9.01 SCALE: 1/4" = 1'-0"



1 REFLECTED CEILING PLAN  
A9.01 SCALE: 1/4" = 1'-0"



JBA Architects, P.C.  
555 Main Street  
Newark, Ohio 43055  
PH: 740-386-3391  
EMAIL: g.cottrill@jba.net

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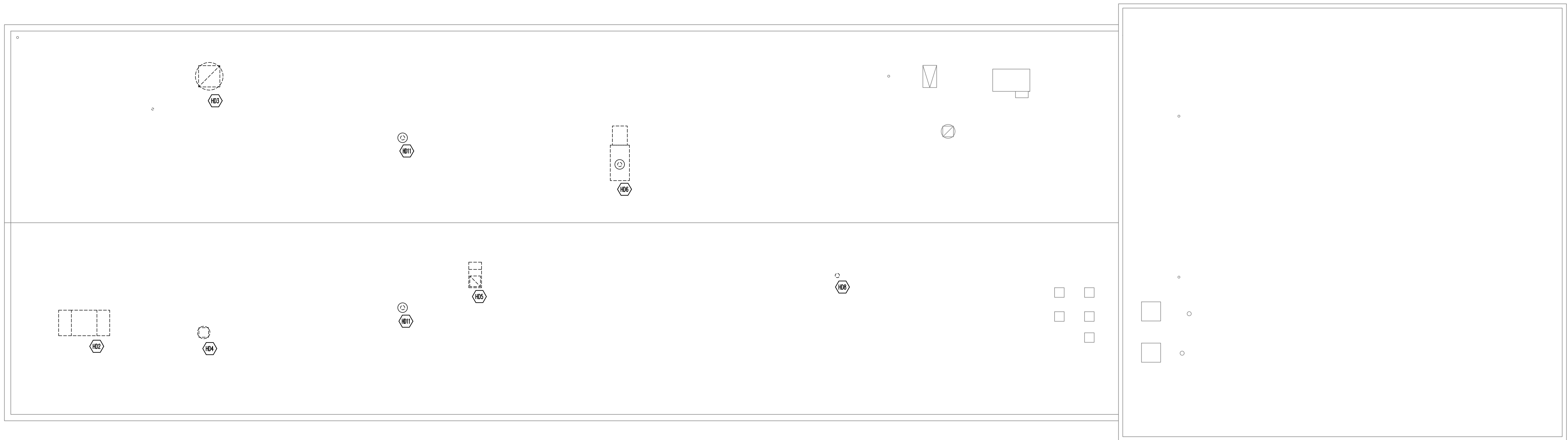
Heath Newark Licking County Port Authority  
BUILDING RENOVATION  
1425 Mount Vernon Road  
Newark, Ohio 43055

PERMIT SET

| DESIGN | OWNER | DATE | DATE |
|--------|-------|------|------|
|        |       |      |      |

REFLECTED CEILING / FLOOR  
FINISH PLANS  
ROOM FINISH SCHEDULE

SHEET NO. A9.01

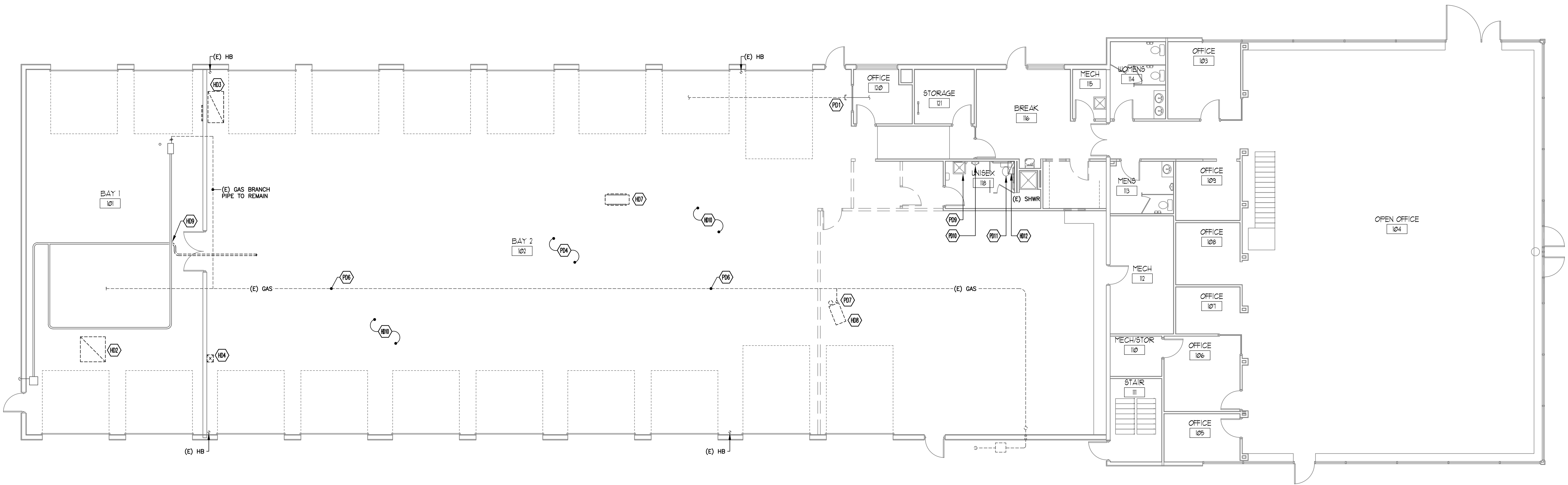


**ROOF PLAN - MECHANICAL DEMOLITION**

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

- HVAC DEMO NOTES**
- (H1) NOT USED.
  - (H2) HVAC CONTRACTOR SHALL DEMOLISH EXHAUST HOOD AND ALL ASSOCIATED DUCTWORK. GC TO PATCH AND SEAL ROOF PENETRATION WATER TIGHT.
  - (H3) HVAC CONTRACTOR SHALL DEMOLISH EXHAUST FAN, CONTROLS AND ALL ASSOCIATED DUCTWORK. GC TO PATCH WALL AND SEAL ROOF PENETRATION WATER TIGHT.
  - (H4) HVAC CONTRACTOR SHALL DEMOLISH EXHAUST FAN, CONTROLS AND ALL ASSOCIATED DUCTWORK. GC TO PATCH AND SEAL ROOF PENETRATION WATER TIGHT.
  - (H5) NOT USED.
  - (H6) NOT USED.
  - (H7) HVAC CONTRACTOR SHALL DEMOLISH ROOF MOUNTED MAKE-UP AIR UNIT, CONTROLS AND ALL ASSOCIATED GRILLES/DUCTWORK. GC TO PREPARE OPENING FOR NEW HVAC ROOFTOP UNIT.
  - (H8) HVAC CONTRACTOR SHALL DEMOLISH UNIT HEATER, CONTROLS AND ALL ASSOCIATED FLUE PIPING. GC TO PATCH AND SEAL ROOF PENETRATION WATER TIGHT.
  - (H9) HVAC CONTRACTOR SHALL DISCONNECT CO-RAY-VAC TUBING AT FITTING AND DEMOLISH BRANCH PIPE THROUGH WALL. GC TO PATCH WALL.
  - (H10) HVAC CONTRACTOR SHALL DEMOLISH ALL CO-RAY-VAC TUBING FROM FUTURE PRODUCTION AREA.
  - (H11) HVAC CONTRACTOR SHALL DEMOLISH ALL CO-RAY-VAC FLUE PIPING ON ROOF. GC TO PATCH AND SEAL ROOF PENETRATION WATER TIGHT.
  - (H12) CONTRACTOR SHALL CAP OFF OR RELOCATE EXISTING RETURN AIR GRILLE OUT OF RESTROOM.

- PLUMBING DEMO NOTES**
- (P1) PLUMBING CONTRACTOR SHALL CAP OFF WATER MAIN AT LOCATION SHOWN. DEMOLISH ALL WATER PIPING DOWN STREAM FROM THIS POINT (TO DEMO'D CAR WASH).
  - (P2) NOT USED.
  - (P3) NOT USED.
  - (P4) NOT USED.
  - (P5) REMOVE ALL WATER PIPING FROM FUTURE PRODUCTION BAY WITH THE EXCEPTION TO ALL EXTERIOR HOSE BIBB PIPING. (THAT PIPING IS TO REMAIN FULLY FUNCTIONAL).
  - (P6) GAS MAIN TO REMAIN BUT CONTRACTOR SHALL DEMOLISH ALL BRANCH PIPING. CAP OFF BACK AT MAIN.
  - (P7) DEMOLISH GAS PIPING TO UNIT HEATER. CAP OFF BACK AT MAIN.
  - (P8) DEMOLISH ALL GAS PIPING DROPS TO CO-RAY-VAC SYSTEM UNLESS NOTED OTHERWISE.
  - (P9) DEMOLISH UTILITY SINK. LEAVE ROUGH-INS AS IS FOR FUTURE EXTENSION/RELOCATION.
  - (P10) DEMOLISH URINAL. LEAVE ROUGH-INS AS IS FOR FUTURE EXTENSION/RELOCATION.
  - (P11) DEMOLISH WATER CLOSET. LEAVE ROUGH-IN AS IS FOR FUTURE REPLACEMENT.
  - (P12) DEMOLISH DRINKING FOUNTAIN. LEAVE ROUGH-INS AS IS FOR FUTURE REPLACEMENT.



**FLOOR PLAN - MECHANICAL DEMOLITION**

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

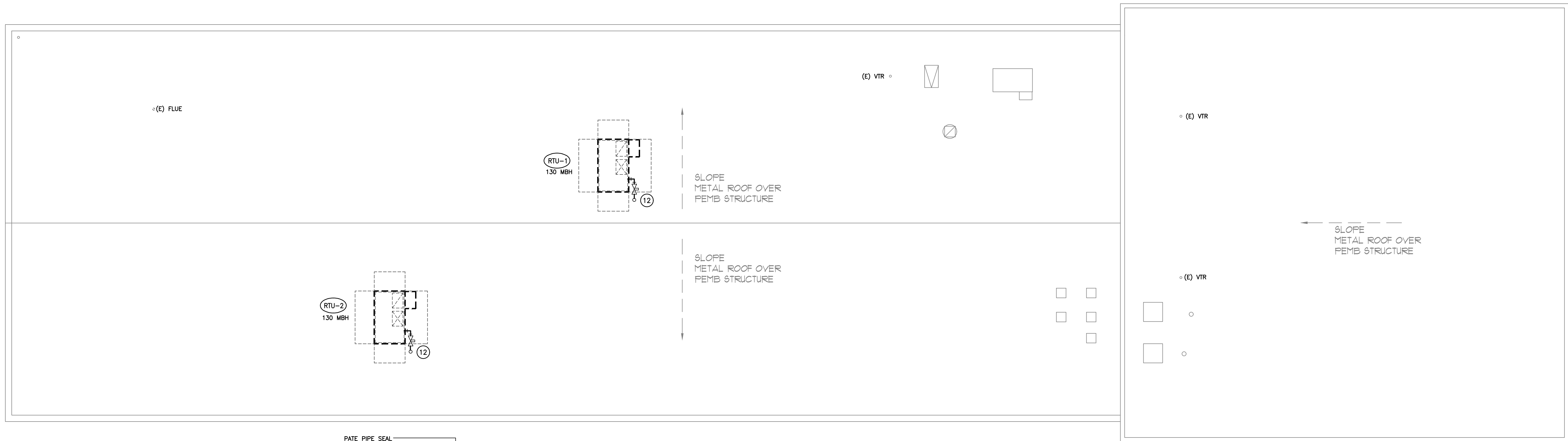


**McMullen Engineering Co., Inc.**  
MECHANICAL AND ELECTRICAL ENGINEERS  
100 South State Street, Westerville, Ohio 43081  
614-895-9409 FAX 614-895-9450  
Email: [info@mcmleneng.com](mailto:info@mcmleneng.com)  
Web: <http://www.mcmleneng.com>

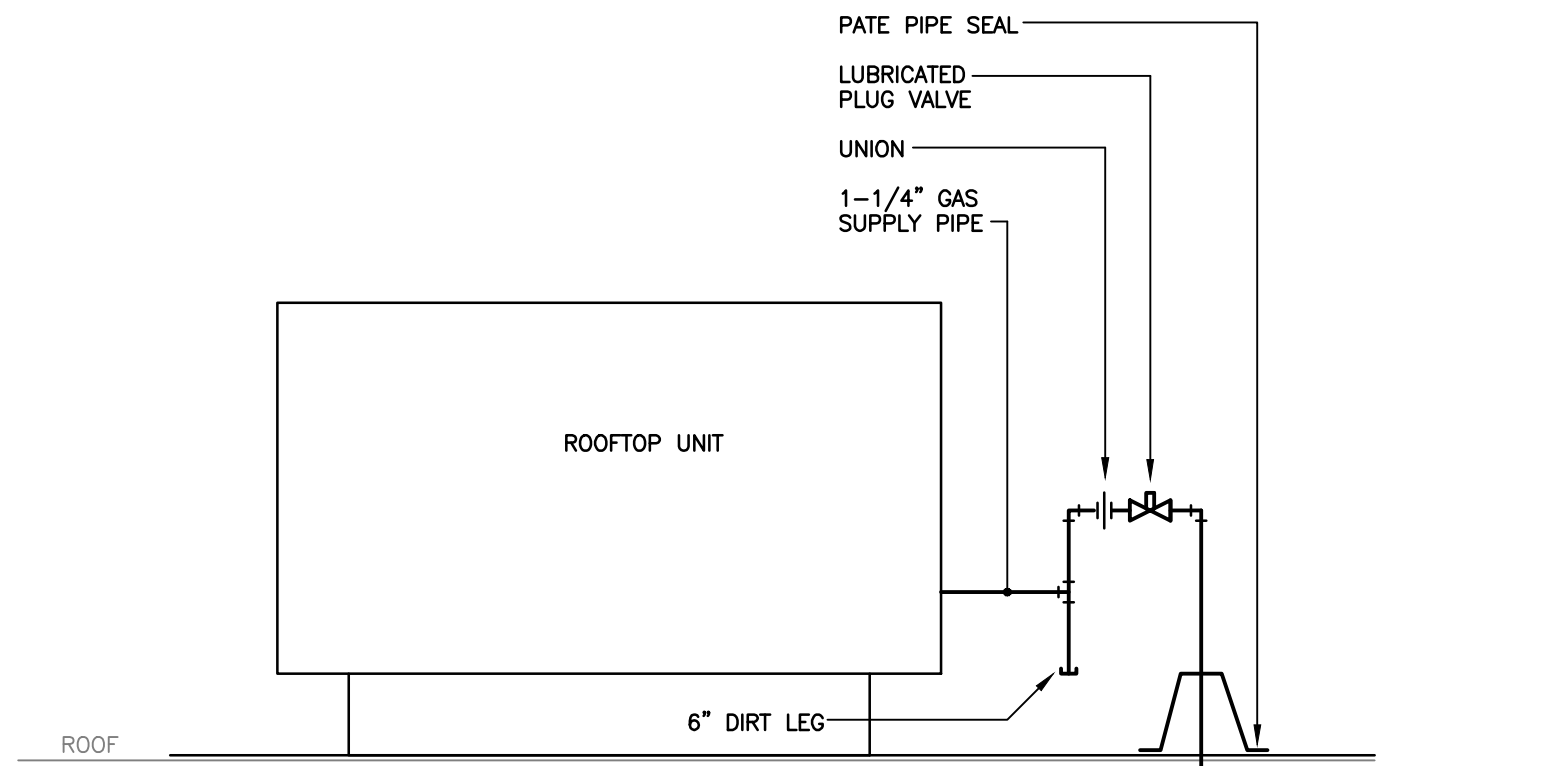
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| PERMIT SET | 06/06/2023 |    |          |
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**BUILDING RENOVATION**  
**1425 Mount Vernon Road**  
**Newark, Ohio 43055**

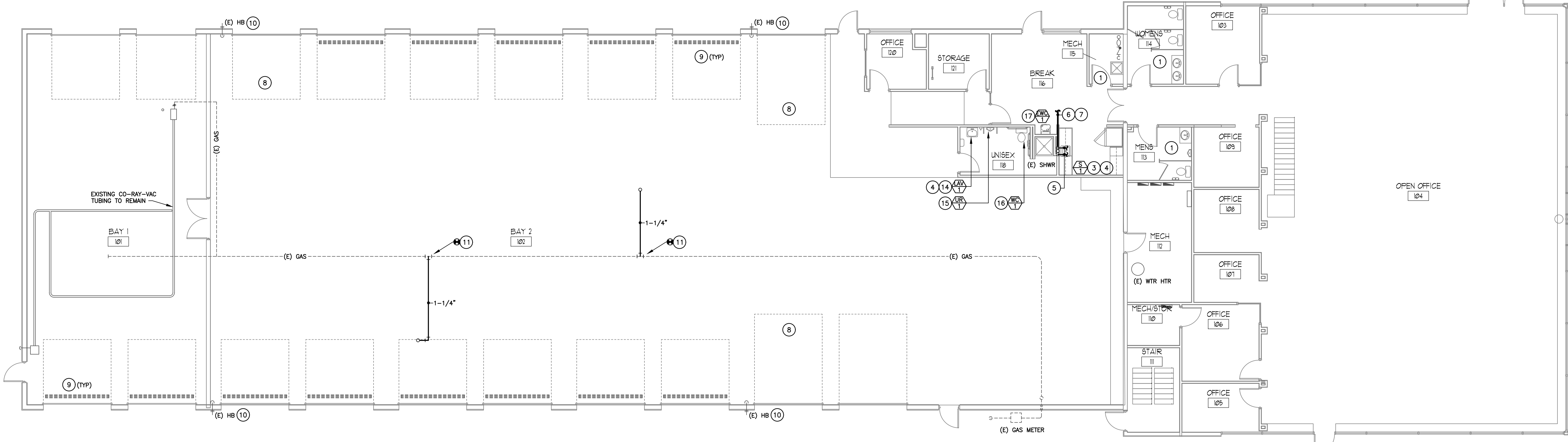
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| CHECKED BY      | MECI                                     | DATE | 06/06/2023 |
| PROJECT MANAGER | JUN                                      | DATE |            |
| SHEET TITLE     | FLOOR/ROOF PLANS - MECHANICAL DEMOLITION |      |            |
| SHEET NO.       | MD1.01                                   |      |            |



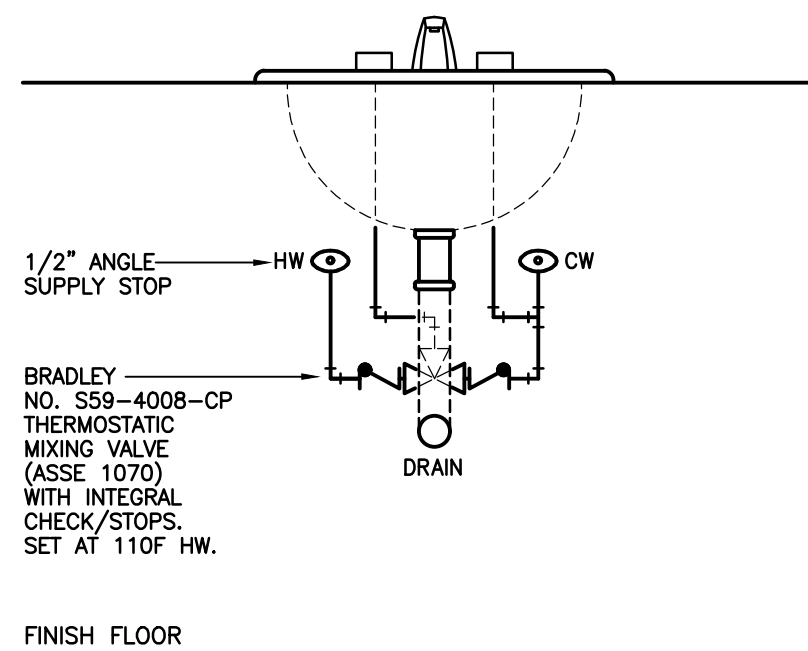
**ROOF PLAN - PLUMBING**  
SCALE: 1/8" = 1'-0"



**1 R.T.U. GAS PIPE DETAIL**  
P1.01 NTS

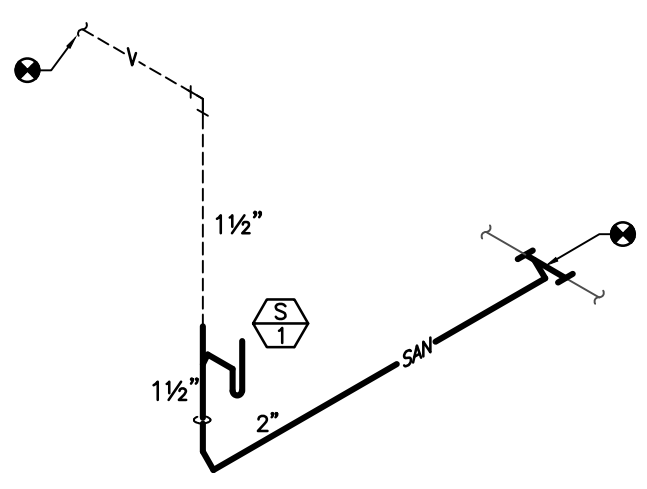


**FLOOR PLAN - PLUMBING**  
SCALE: 1/8" = 1'-0"

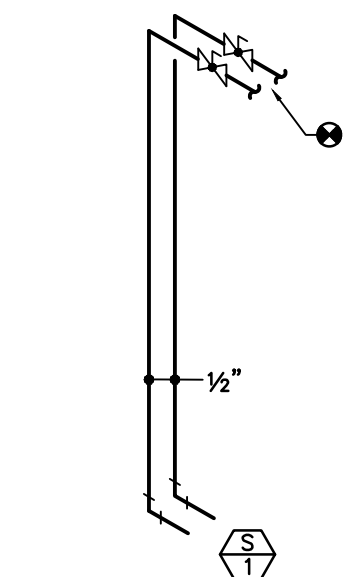


NOTE: EXPOSED PIPING SHALL BE CHROME PLATED.  
NOTE: MOUNT MIXING VALVE BEHIND "P" TRAP  
POINT AND TAIL PIECE.

**2 POINT-OF USE MIXING VALVE**  
P1.01 NTS



**SANITARY STACK**  
N.T.S.



**WATER RISER**  
N.T.S.

**PLUMBING LEGEND**

|        |                                                   |
|--------|---------------------------------------------------|
| W      | WATER SERVICE PIPING                              |
| CW     | COLD WATER SUPPLY PIPING                          |
| HW     | HOT WATER SUPPLY PIPING                           |
| HWR    | HOT WATER RETURN PIPING                           |
| SAN    | SANITARY PIPING                                   |
| ST     | STORM PIPING                                      |
| F      | FIRE PROTECTION PIPING                            |
| GAS    | LOW PRESSURE GAS PIPING                           |
| XXX    | NEW PIPING                                        |
| (E)XXX | EXISTING PIPING                                   |
| U      | UNION                                             |
| →      | DIRECTION OF FLOW                                 |
| GV     | GATE VALVE (LINE SIZE)                            |
| BV     | BALL VALVE (LINE SIZE)                            |
| CV     | CHECK VALVE (LINE SIZE)                           |
| BLV    | BALANCING VALVE (LINE SIZE)                       |
| LPLV   | LUBRICATED PLUG VALVE (LINE SIZE)                 |
| P      | PUMP                                              |
| VB     | VALVE BOX & SERVICE SHUT-OFF VALVE                |
| SA     | SHOCK ARRESTOR                                    |
| PG     | PRESSURE GAUGE                                    |
| TM     | THERMOMETER                                       |
| ND     | NOTE DESIGNATION                                  |
| UN     | UNIT NUMBER DESIGNATION                           |
| PC     | POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK |
| V.S.L. | VERTICAL STORM LEADER                             |
| R.D.   | ROOF DRAIN                                        |
| F.S.   | FLOOR SINK                                        |
| F.D.   | FLOOR DRAIN                                       |
| H.D.   | HUB DRAIN                                         |
| C.O.   | CLEANOUT (CO-1)                                   |
| C.O.   | CLEANOUT PLUG (CO-2)                              |
| C.O.   | OUTSIDE CLEANOUT (CO-3)                           |
| SH     | SINGLE HOSE BIBB (INSTALL 42" A.F.F.)             |
| WH     | WALL HYDRANT (INSTALL 18" ABOVE FIN. GRADE)       |
| P.C.   | PLUMBING CONTRACTOR                               |
| F.P.C. | FIRE PROTECTION CONTRACTOR                        |
| H.C.   | HEAT AND VENT CONTRACTOR                          |
| E.C.   | ELECTRICAL CONTRACTOR                             |
| G.C.   | GENERAL CONTRACTOR                                |

**PLUMBING GENERAL NOTES**

- COORDINATE ALL WORK WITH OTHER TRADES.
- FIELD VERIFY ALL EXISTING SERVICES AND INVERTS. PLUMBING CONTRACTOR SHALL CONNECT TO EXISTING BUILDING SERVICES.
- SANITARY AND WATER SERVICES BY PLUMBING CONTRACTOR. COORDINATE EXACT LOCATIONS AND INVERTS WITH EXISTING SERVICES.
- SCHEDULE ALL WORK WITH ARCHITECT AND G.C.
- COORDINATE PIPING WHICH IS LOCATED BELOW FLOOR WITH BUILDING FOUNDATIONS AND/OR STRUCTURE.
- FIELD VERIFY EXACT LOCATION OF ALL NEW FIXTURES, EQUIPMENT AND DRAINS WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS.
- SANITARY PIPING LOCATED BELOW FLOOR. PITCH 4" PIPE 1/8" PER FT. PITCH 3" PIPE 1/4" PER FT.
- CW/HW PIPING LOCATED WITHIN FLOOR JOISTS. (TYPE "L") CW/HW PIPING LOCATED BELOW FLOOR SLAB (TYPE "L").
- ALL PIPING SYSTEMS SHALL BE COORDINATED WITH FIXTURING PLAN, ARCHITECTURAL PLANS AND STRUCTURAL PLANS. COORDINATE PIPING ROUTES WITH FIXTURES, DUCTWORK, LIGHT FIXTURES, ETC.
- PLUMBING CONTRACTOR SHALL OBTAIN PERMITS AND PAY ALL FEES ASSOCIATED WITH PLUMBING WORK SHOWN.
- ALL PIPING FOR PLUMBING FIXTURE ROUGH-INS TO BE LOCATED IN WALLS AND CHASE UNLESS OTHERWISE NOTED.
- CHROME ESCUTCHEON PLATE SHALL BE PROVIDED WHERE SANITARY, CW AND HW PIPE ROUGH-IN PENETRATES WALL IN FINISHED AREA.
- ALL WALL AND SLAB PENETRATIONS OF CONSTRUCTION TO BE SLEEVED. SLEEVES SHALL BE SCHEDULE #40 BLACK STEEL MACHINE CUT AND SHALL BE INSTALLED FLUSH WITH FINISHED SURFACES.
- PROVIDE CW AND HW SHUT-OFF VALVES, ON BRANCH PIPES, AT EACH GROUP OF FIXTURES.
- PROVIDE SHOCK ARRESTORS AT EACH GROUP OF FIXTURES. SIZE PER MANUFACTURER'S REQUIREMENTS.
- ALL PIPING SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
- EXPOSED PIPING SHALL BE HELD TIGHT TO BUILDING STRUCTURE. GENERAL CONTRACTOR TO PAINT PIPE TO MATCH ADJACENT SURFACES.
- PIPING LAYOUT IS ONLY SCHEMATIC. EXACT LOCATION OF PIPES TO BE COORDINATED WITH BUILDING STRUCTURE AND OTHER TRADES. PIPING SHALL BE KEPT PERPENDICULAR AND PARALLEL TO WALLS AND FLOORS. REFER TO DIVISION 1 AND 15 IN THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**PLUMBING CODED NOTES**

- EXISTING PLUMBING FIXTURES TO REMAIN AS-IS.
- NOT USED.
- CONTRACTOR SHALL PROVIDE AND INSTALL A COUNTERTOP MOUNTED SINK WITH FAUCET.
- CONTRACTOR SHALL PROVIDE AND INSTALL AN ASSE 1070 APPROVED THERMOSTATIC MIXING VALVE LOCATED BELOW SINK/LAV IN A ACCESSIBLE LOCATION. SET DISCHARGE TEMPERATURE TO A MAXIMUM OF 105°F HW.
- CONNECT HW & CW PIPING TO NEW FIXTURE. ROUTE PIPING UP IN WALL AND TIE INTO NEAREST HW & CW MAINS. FIELD VERIFY EXACT SIZE AND LOCATION PRIOR TO BEGINNING ANY WORK.
- EXTEND 2" BRANCH WASTE LINE FROM NEW SINK AND TIE INTO EXISTING SANITARY MAIN (NOT RESTROOM GROUP). FIELD VERIFY EXACT SIZE, LOCATION AND DIRECTION OF FLOW PRIOR TO BEGINNING ANY WORK.
- EXTEND 1-1/2" VENT PIPE UP FROM NEW FIXTURE AND TIE INTO EXISTING VENT PIPING SYSTEM. FIELD VERIFY EXACT LOCATION PRIOR TO BEGINNING ANY WORK.
- EXISTING CATCH BASINS TO REMAIN. CONTRACTOR TO VERIFY IF CONNECTED TO OIL/SEDIMENT INTERCEPTOR. CLEAN TANK/SYSTEM AND ENSURE SYSTEM IS FULLY FUNCTIONAL.
- EXISTING TRENCH DRAINS AT DOORS TO REMAIN.
- EXISTING HOSE BIBBS TO REMAIN FULLY FUNCTIONAL.
- TIE INTO EXISTING GAS MAIN AND EXTEND (2) NEW 1-1/4" LINES TO NEW ROOFTOP UNITS.
- CONTRACTOR SHALL PROVIDE A UNION, SHUT-OFF VALVE AND 6" DIRT LEG. MAKE FINAL CONNECTION TO ROOFTOP UNIT.
- NOT USED.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL A NEW WALL MOUNTED LAVATORY AT LOCATION SHOWN. EXTEND EXISTING HW & CW PIPING AS REQUIRED TO REACH NEW LOCATION. TIE WASTE PIPING INTO EXISTING SANITARY ROUGH-IN.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL A NEW WALL HUNG URINAL AT LOCATION SHOWN. EXTEND EXISTING CW PIPING AS REQUIRED TO REACH NEW LOCATION. TIE WASTE PIPING INTO EXISTING SANITARY ROUGH-IN.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL A NEW WATER CLOSET AT SAME LOCATION AS EXISTING. RE-CONNECT EXISTING CW PIPING.
- REPLACE EXISTING DRINKING FOUNTAIN WITH A NEW ELECTRIC WATER COOLER WITH BOTTLE FILLER. CONNECT TO EXISTING DRAIN AND COLD WATER FEED.

**PLUMBING FIXTURE SCHEDULE**

|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WC-1:  | WATER CLOSET: AM. STD. NO. 2333.100 "CADET" (14"H) PRESSURE ASSISTED, VITREOUS CHINA, SIPHON JET, ELONGATED TOILET. BENCH NO. 521-SS LUSTRA OPEN FRONT TOILET SEAT WITH COVER. MCGUIRE NO. 2166 3/8" ANGLE SUPPLY PIPE AND STOP OR EQUAL. (PIPE ROUGH-IN: 4" SAN, 2" VENT, 1/2" CW.)                                                                                                                                                                                                       |
| UR-1:  | URINAL: AM. STD. NO. 6561.017 "TRIMBROOK" (17" H) VITREOUS CHINA, 3/4" TOP SPUD, SIPHON JET, URINAL. FLUSH VALVE: SLOAN NO. 186-1. CHAIR CARRIER: ZURN NO. Z-1221. (PIPE ROUGH-IN: 2" SAN, 1-1/2" VENT, 3/4" CW.)                                                                                                                                                                                                                                                                          |
| LAV-1: | LAVATORY: AM. STD. NO. 0355.012M 20" X 18" VITREOUS CHINA, WALL MOUNTED LAVATORY WITH 4" CENTERS. CHICAGO NO. 802A-317 FAUCET WITH LEVER HANDLES (0.5 GPM AERATOR). MCGUIRE NO. 2165 3/8" ANGLE SUPPLIES AND STOPS. MCGUIRE NO. 125-A GRID STRAINER. MCGUIRE NO. 8912 1-1/4" CAST BRASS "P" TRAP. MCGUIRE NO. PW-2122 INSULATION WRAP KIT. MOUNT FOR HANDICAPPED ACCESSIBILITY. RIM AT 34" A.F.F. PROVIDE BLOODING FOR WALL HANGERS. (PIPE ROUGH-IN: 1-1/2" SAN, 1-1/2" VENT, 1/2" CW/HW.) |
| S-1:   | SINK: ELKAY NO. LR4D-1722-65 "LUSTERSTONE" 17"x22"x6.5" STAINLESS STEEL, COUNTERTOP SINK WITH 8" CENTERS. CHICAGO NO. 201-KOBAK3-317 FAUCET WITH LEVER HANDLE. MCGUIRE NO. 2165 3/8" ANGLE SUPPLIES AND STOPS. MCGUIRE NO. 15-35 GRID STRAINER. MCGUIRE NO. 8912 1-1/2" CAST BRASS "P" TRAP. (PIPE ROUGH-IN: 1-1/2" SAN, 1-1/2" VENT, 1/2" CW/HW.)                                                                                                                                         |

STATE OF OHIO  
MATTHEW R. MCINTYRE  
REGISTERED PROFESSIONAL ENGINEER  
No. 74527

McMullen Engineering Co., Inc.  
MECHANICAL AND ELECTRICAL ENGINEERS  
100 South State Street, Westerville, Ohio 43081  
614-895-9408 FAX 614-895-9450  
Email: mcmulleneng.com Web: http://www.mcmulleneng.com

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Heath Newark Licking County Port Authority  
BUILDING RENOVATION  
1425 Mount Vernon Road  
Newark, Ohio 43055

DATE: 23/03-A  
PROJECT NO: 2303-A  
SHEET NO: P1.01  
PROJECT NAME: BUILDING RENOVATION  
SHEET TITLE: FLOOR PLAN - PLUMBING

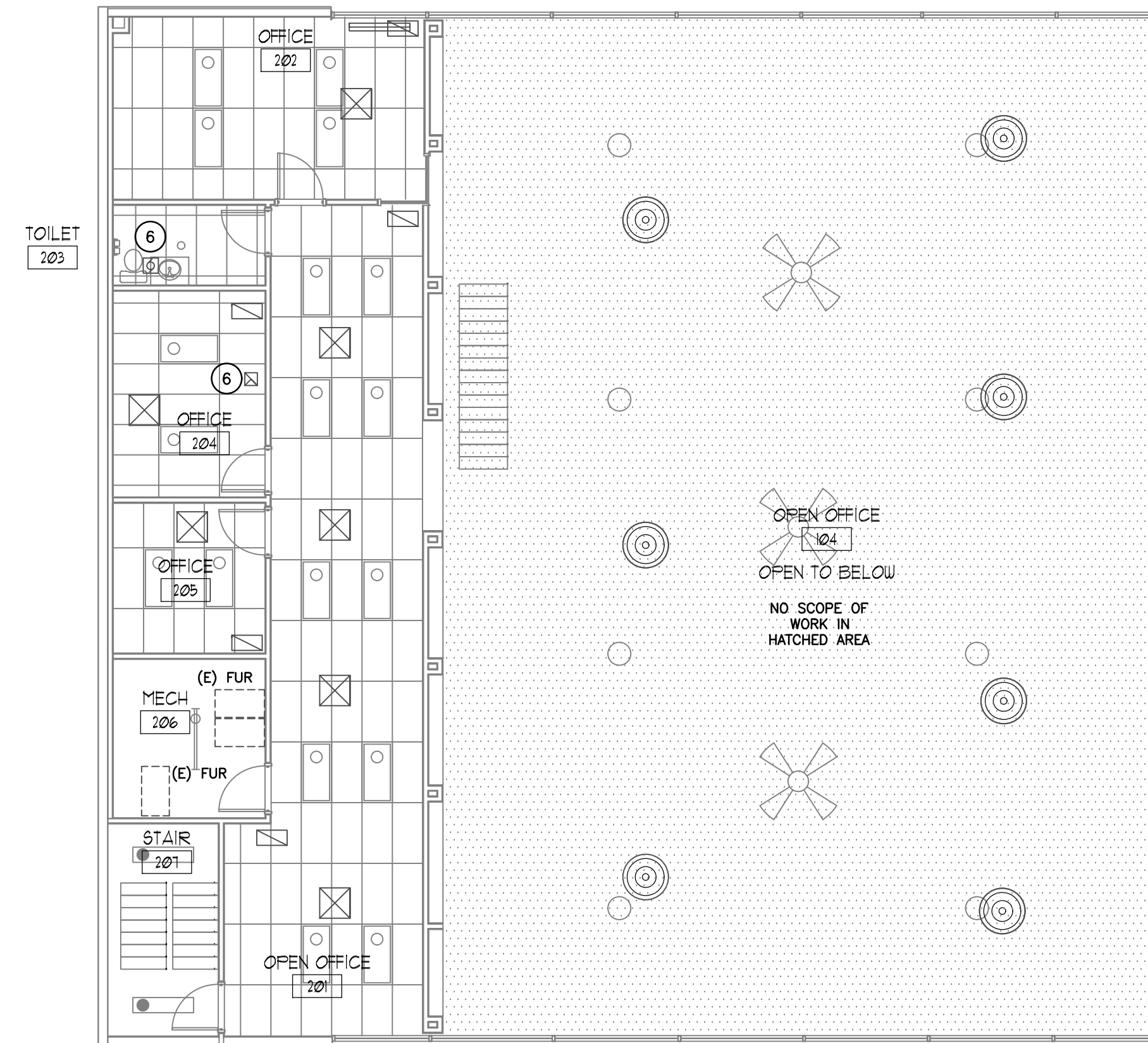
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| HVAC LEGEND |                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------|
|             | RECTANGULAR OR ROUND DUCTWORK ABOVE TRUSS LEVEL (THRU OR BETWEEN TRUSSES). INSIDE DIMENSION NOTED ON PLAN. |
|             | RECTANGULAR OR ROUND DUCTWORK BELOW TRUSS LEVEL. INSIDE DIMENSION NOTED ON PLAN.                           |
|             | EXISTING DUCTWORK OR EQUIPMENT ITEM TO BE DEMOLISHED OR REUSED IN ANOTHER LOCATION.                        |
|             | ITEM TO BE RELOCATED TO THIS POSITION.                                                                     |
|             | ELBOW WITH TURNING VANES                                                                                   |
|             | TRANSITION                                                                                                 |
|             | MANUAL BALANCING DAMPER                                                                                    |
|             | SPIN-IN-FITTING WITH AIR SCOOP AND VOLUME DAMPER                                                           |
|             | DUCT RISE                                                                                                  |
|             | ELBOW, TURNED UP                                                                                           |
|             | ELBOW, TURNED DOWN                                                                                         |
|             | SUPPLY AIR                                                                                                 |
|             | RETURN AIR                                                                                                 |
|             | EXHAUST AIR                                                                                                |
|             | DIAMETER (ROUND)                                                                                           |
|             | SENSOR                                                                                                     |
|             | THERMOSTAT                                                                                                 |
|             | AIR DEVICE SYMBOL WITH CFM                                                                                 |
|             | CODED NOTE SYMBOL                                                                                          |
|             | EQUIPMENT NOTE SYMBOL. SEE SCHEDULES AND/OR NOTES.                                                         |
| A.F.F.      | ABOVE FINISHED FLOOR                                                                                       |
| AB.         | ABOVE                                                                                                      |
| CLG.        | CEILING                                                                                                    |
| FLR.        | FLOOR                                                                                                      |
| G.C.        | GENERAL CONTRACTOR                                                                                         |
| P.C.        | PLUMBING CONTRACTOR                                                                                        |
| H.C.        | HVAC CONTRACTOR                                                                                            |
| E.C.        | ELECTRICAL CONTRACTOR                                                                                      |
| S.A.        | SUPPLY AIR                                                                                                 |
| R.A.        | RETURN AIR                                                                                                 |
| O.A.        | OUTSIDE AIR                                                                                                |
| EXH.        | EXHAUST                                                                                                    |
| EX.         | EXISTING                                                                                                   |
| MT.         | MOUNT, (MTD.), MOUNTED, (MTG.), MOUNTING.                                                                  |

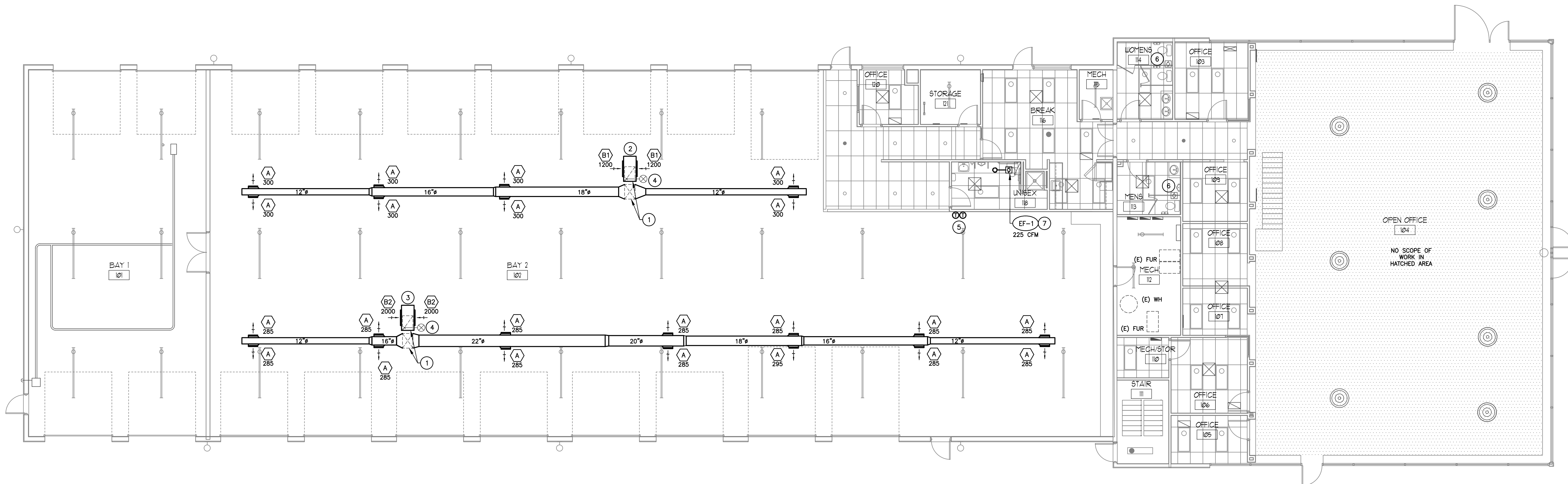
| HVAC GENERAL NOTES |                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A.                 | COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND PRIME CONTRACTOR.                                                                                                                                                                                                                                                                                                                                  |
| B.                 | ALL DUCT SIZES ARE INSIDE DIMENSIONS.                                                                                                                                                                                                                                                                                                                                                                     |
| C.                 | DUCT LAYOUTS ARE SCHEMATIC. FIELD COORDINATE ALL DUCT RUNS (PRIOR TO DUCT FABRICATION). EXTRAS WILL NOT BE AWARDED FOR DUCT REVISIONS CAUSED BY LACK OF COORDINATION.                                                                                                                                                                                                                                     |
| D.                 | PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE CODES, RULES, AND REGULATIONS OF LOCAL, STATE AND FEDERAL AUTHORITIES OF JURISDICTION.                                                                                                                                                                                                                                                                     |
| E.                 | COORDINATE ALL EQUIPMENT AND DUCT RUNS WITH STRUCTURE, LIGHTS, CEILING, CONDUIT, PIPING AND OTHER EQUIPMENT.                                                                                                                                                                                                                                                                                              |
| F.                 | COORDINATE EXACT LOCATION OF ALL AIR DEVICES WITH LIGHTING PLAN.                                                                                                                                                                                                                                                                                                                                          |
| G.                 | ALL DUCTWORK AND PIPING SHALL BE CONCEALED UNLESS NOTED OTHERWISE. PROVIDE A DUCT COLLAR AT ALL PENETRATIONS OF FINISHED SURFACES.                                                                                                                                                                                                                                                                        |
| H.                 | SUPPLY AND RETURN AIR PLenums AND TRUNKS SHALL BE 1" THICK INSULATED RIGID DUCTBOARD. ALL FITTINGS AND ELBOWS SHALL BE INSULATED SHEET METAL. BRANCH DUCTWORK SHALL BE INSULATED FLEXIBLE DUCTWORK. TYPICALLY, TRUNK DUCTS SHALL RUN PARALLEL TO AND BETWEEN TRUSSES, WHILE BRANCH DUCTS SHALL RUN THRU WEBS OF TRUSSES - FIELD COORDINATE EXACT DIRECTION OF TRUSSES AND ROTATE TRUNK DUCTS ACCORDINGLY. |
| I.                 | VERIFY EXACT LOCATION OF HEAT PUMP UNIT PRIOR TO INSTALLATION. PROVIDE LONG LENGTH REFRIGERANT LINE SETS AS REQUIRED.                                                                                                                                                                                                                                                                                     |
| J.                 | TOILET EXHAUST (AND OTHER MISCELLANEOUS) WALL CAPS SHALL BE OF THE SAME STYLE AND APPEARANCE AND SHALL BE PAINTABLE OR OF A COLOR AGREEABLE TO THE ARCHITECT. COLOR SHALL BE COORDINATED WITH THE ARCHITECT. ALL WALL CAPS SHALL HAVE GRAVITY BACKDRAFT DAMPERS, AND THE TOILET EXHAUST CAPS SHALL HAVE SCREEN.                                                                                           |
| K.                 | PENETRATIONS OF FLOOR-CEILING ASSEMBLIES AND WALL ASSEMBLIES REQUIRED TO HAVE A FIRE-RESISTANCE RATING MUST MAINTAIN THE INTEGRITY OF THE FIRE RESISTANCE-RATED ASSEMBLY AND LIMIT THE SPREAD OF FIRE AND SMOKE. FIRE/SMOKE STOPPING MATERIAL SHALL BE U.L. APPROVED AND SHALL BE RATED FOR THE TYPE OF FIRE-RESISTANT RATED ASSEMBLY AND THE MATERIAL TYPE OF THE PENETRATING DUCT, PIPE, ETC..          |

| HVAC PLAN CODED NOTES |                                                                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                     | FULLSIZE DUCT DROPS DOWN FROM UNIT ON ROOF.                                                                                                                                                               |
| 2                     | ELBOW 20"x20" RETURN AIR DUCT ONCE BELOW BUILDING STRUCTURE EXTEND DUCTWORK AS REQUIRED TO INSTALL RETURN GRILLES IN SIDE OF DUCTWORK.                                                                    |
| 3                     | ELBOW 26"x24" RETURN AIR DUCT ONCE BELOW BUILDING STRUCTURE EXTEND DUCTWORK AS REQUIRED TO INSTALL RETURN GRILLES IN SIDE OF DUCTWORK.                                                                    |
| 4                     | SMOKE DETECTOR FURNISHED AND WIRED BY EC BUT INSTALLED IN DUCT BY MECHANICAL CONTRACTOR. SMOKE DETECTOR TO BE IONIZATION TYPE. INSTALL IN RETURN AIR DUCT.                                                |
| 5                     | PROVIDE PROGRAMMABLE THERMOSTAT. MOUNT THERMOSTAT AT 48" AFF AND COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE. PROVIDE CONTROL WIRING FROM DEVICE TO UNIT AND ENSURE SYSTEM IS FULLY FUNCTIONAL. |
| 6                     | REUSE EXISTING TOILET EXHAUST FAN IN EXISTING RESTROOM. CLEAN, ADJUST, AS REQUIRED TO ENSURE PROPER OPERATION. REPLACE/REPAIR ANY DEFECTIVE PARTS.                                                        |
| 7                     | PROVIDE AND INSTALL A NEW CEILING MOUNTED EXHAUST FAN. EXTEND DUCTWORK UP THROUGH ROOF TERMINATING WITH A ROOF CAP. FLASH AND SEAL PENETRATION WATER TIGHT.                                               |

NOTE TO HVAC CONTRACTOR:  
CONTRACTOR SHALL TEMPORARILY SUPPORT ALL CEILING MOUNTED AIR DEVICES FROM THE BUILDING STRUCTURE WHILE THE GENERAL TRADES CONTRACTOR REPLACES THE ACoustICAL CEILING GRID SYSTEM. ONCE CEILING IS REPLACED HVAC CONTRACTOR SHALL RE-INSTALL AIR DEVICES TO NEAREST NEW CEILING TILE. EXTEND DUCTWORK OF EQUAL SIZE AS REQUIRED TO REACH NEW LOCATIONS. MAINTAIN EXISTING AIR BALANCE.

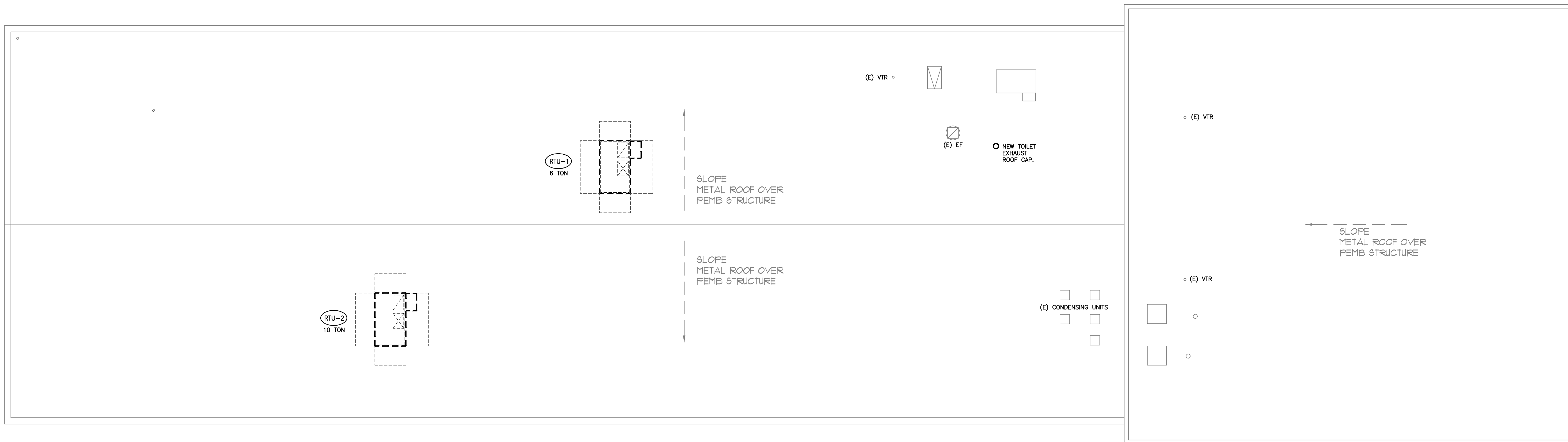


**MEZZANINE PLAN - HVAC**  
SCALE: 1/8" = 1'-0"

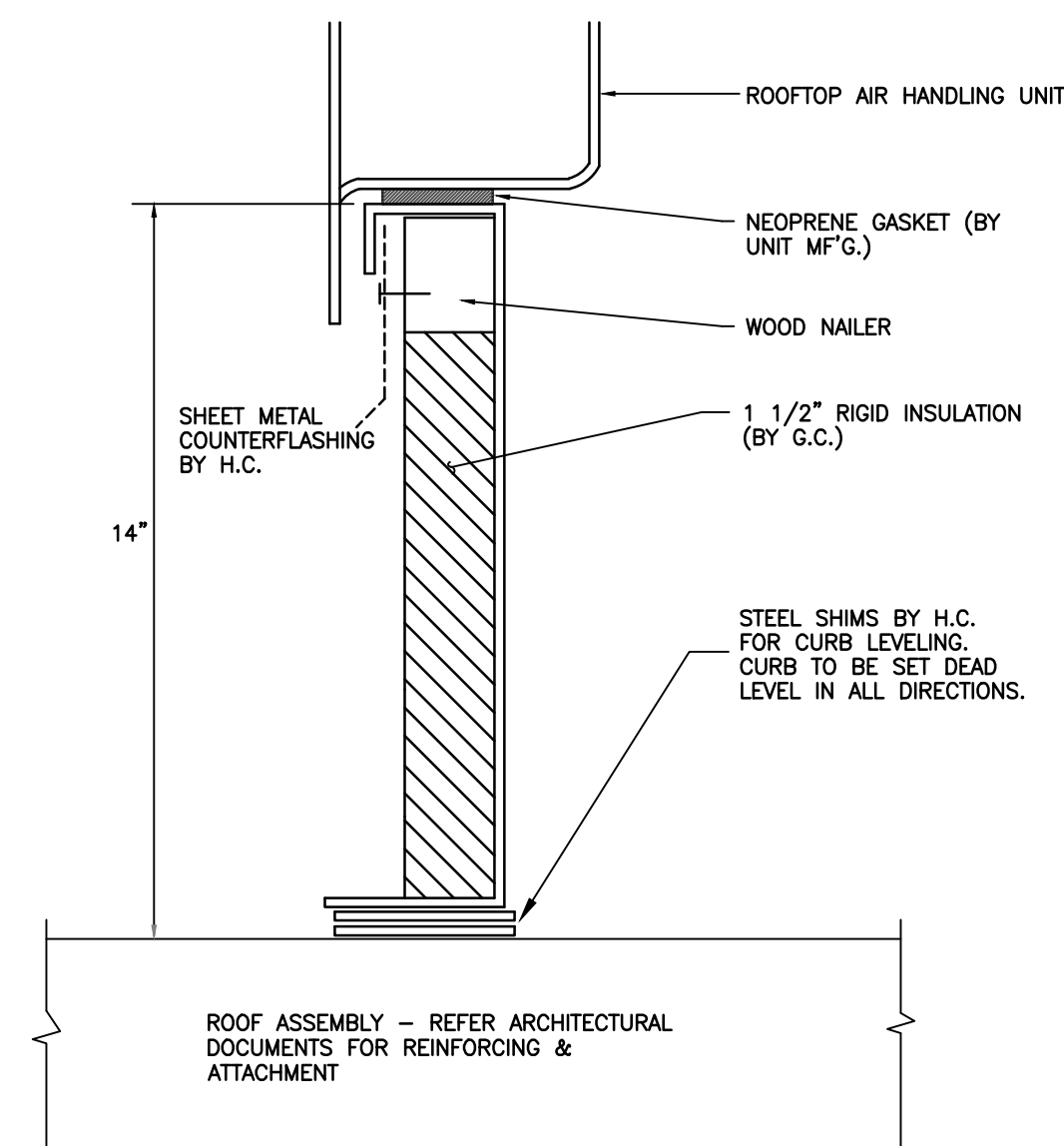


**FLOOR PLAN - HVAC**  
SCALE: 1/8" = 1'-0"

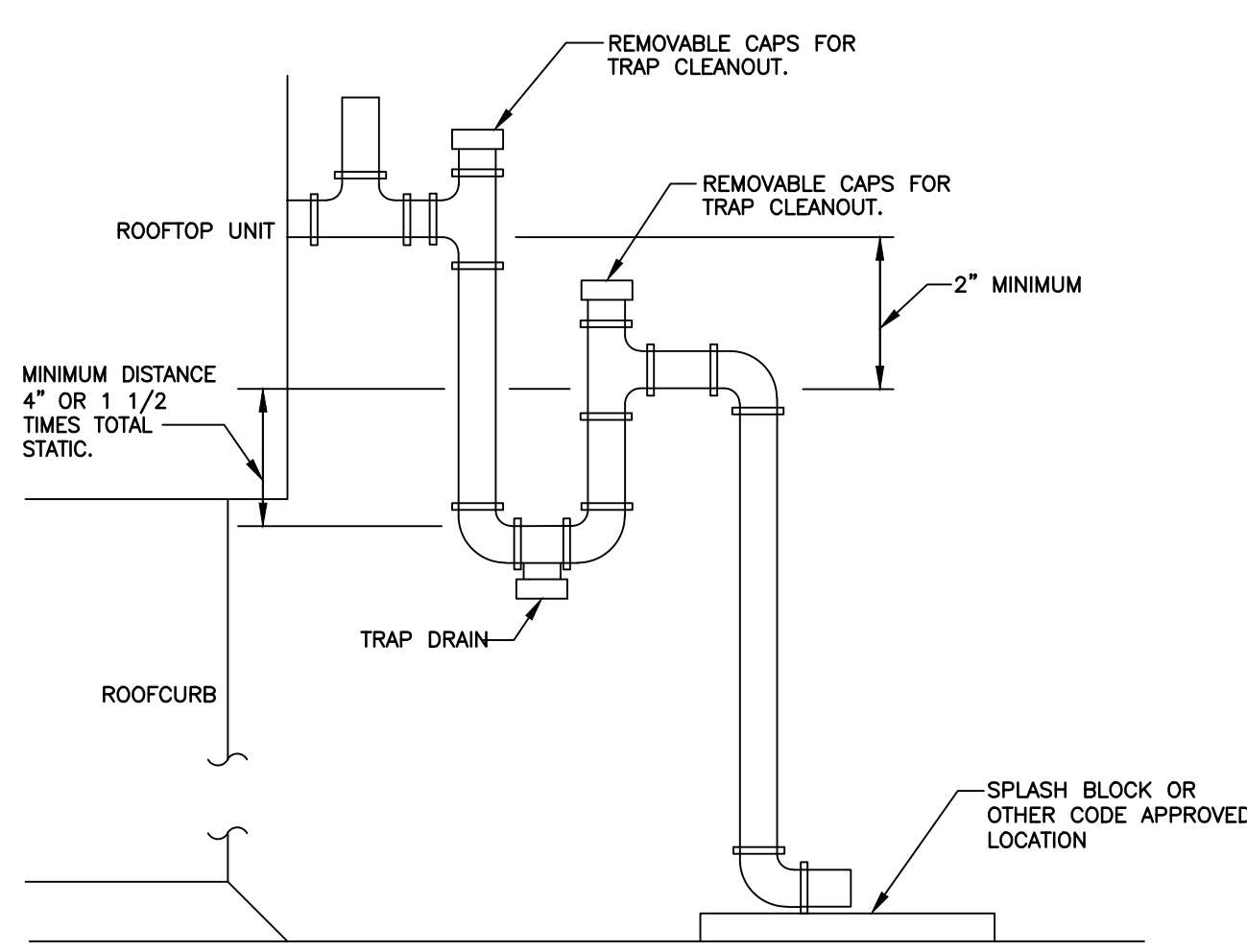
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**ROOF PLAN - HVAC**  
SCALE: 1/8" = 1'-0"

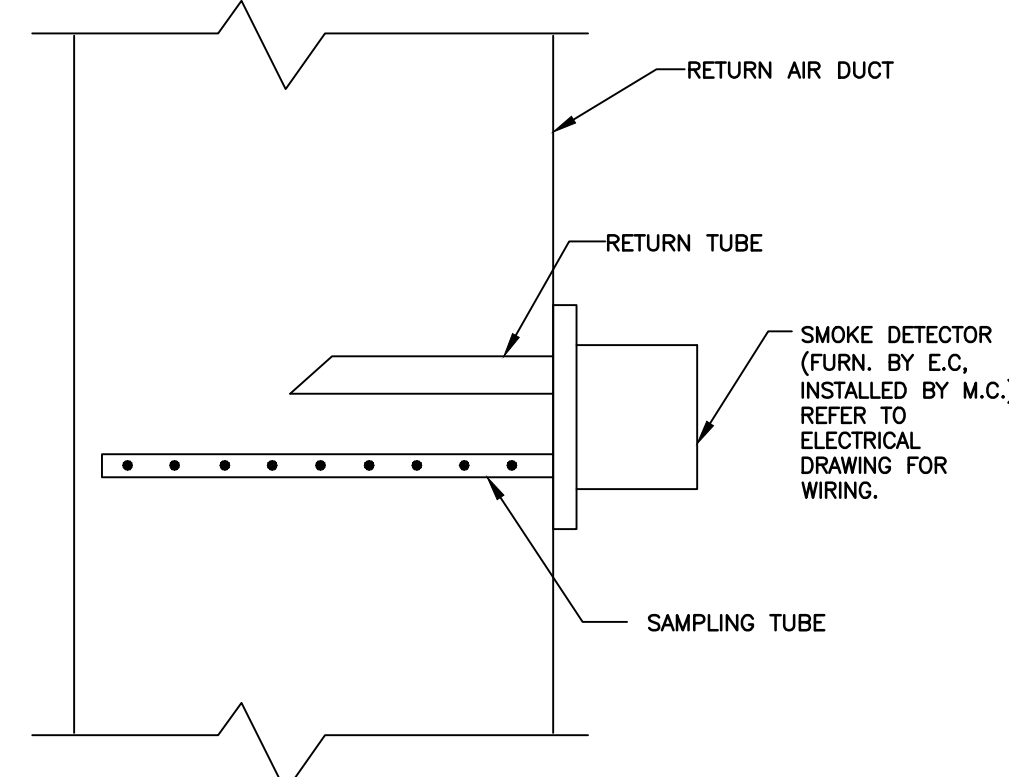


**1 ROOF CURB MOUNTING DETAIL**  
H1.02 NTS



NOTE:  
1. TYPICAL FOR ALL CONDENSATE DRAINS FROM ROOFTOP UNITS.  
2. ALL INTERIOR DRAIN LINES SHALL BE TYPE "L" COPPER.  
ALL EXTERIOR DRAIN LINES SHALL BE PVC.  
3. LINE SIZE TO BE SAME SIZE AS DRAIN PAN CONNECTION. MINIMUM SIZE 1".  
4. ALL DRAIN LINES SHALL MEET ALL LOCAL CODES.

**2 CONDENSATE PIPING DETAIL**  
H1.02 NTS



**3 SMOKE DETECTOR DETAIL**  
H1.02 NTS

| GAS FIRED ROOFTOP EQUIPMENT SCHEDULE |                |              |      |                   |                              |                                 |       |        |                  |            |             |            |        |      |
|--------------------------------------|----------------|--------------|------|-------------------|------------------------------|---------------------------------|-------|--------|------------------|------------|-------------|------------|--------|------|
| SYMBOL                               | LENNOX MODEL # | NOMINAL TONS | CFM  | APPROX. EXT. S.P. | COOLING CAPACITY (MBH) TOTAL | HEATING CAPACITY (MBH) SENSIBLE | INPUT | OUTPUT | RED'D GAS PRESS. | DRIVE TYPE | BLOWER H.P. | ELECTRICAL | M.C.A. | MOOP |
| RTU-1                                | L6C072S2B      | 6.0          | 2400 | 0.8"              | 76.0                         | 55.0                            | 130   | 104    | 11"              | DIRECT     | 1.5         | 208/3      | 39     | 50   |
| RTU-2                                | L6C120S2B      | 10.0         | 4000 | 0.8"              | 121.7                        | 86.4                            | 130   | 104    | 11"              | DIRECT     | 3           | 208/3      | 53     | 60   |

- 1.) FURNISH 24" ROOF CURB FOR INSTALLATION BY G.C.  
2.) TWO SETS OF FILTERS  
3.) FURNISH WITH LOW AMBIENT CONTROLS  
4.) PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT.  
5.) PROVIDE FACTORY INSTALLED NON-POWERED CONVENIENCE OUTLET.  
6.) PROVIDE FACTORY INSTALLED DISCONNECT SWITCH.

COOLING CAPACITIES BASED ON 90db/73wb OUTDOOR AIR, 95db/73wb RETURN AIR. HEATING CAPACITIES BASED ON -3 db OUTDOOR AIR, 70db RETURN AIR, 100db DISCHARGE AIR.

| AIR DEVICE SCHEDULE |           |                |                 |           |                  |                   |       |
|---------------------|-----------|----------------|-----------------|-----------|------------------|-------------------|-------|
| SYMBOL              | FACE SIZE | MIN. DUCT SIZE | TITUS MODEL NO. | CFM RANGE | MOUNTING SURFACE | AIR PATTERN       | NOTES |
| A                   | 20"x8"    | 18"x6"         | 300 FL          | 285-300   | DUCT MTD         | DOUBLE DEFLECTION | 1,5,7 |
| B1                  | 26"x18"   | 24"x16"        | 350R            | 1200      | DUCT MTD         | RETURN            | 1,4   |
| B2                  | 38"x20"   | 36"x18"        | 350R            | 2000      | DUCT MTD         | RETURN            | 1,4   |

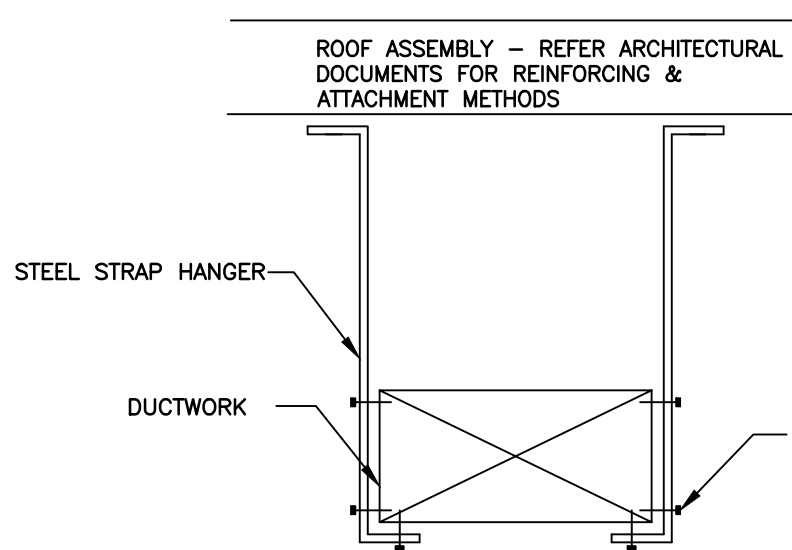
- 1) FINISH TO BE SELECTED BY ARCHITECT.  
2) FURNISH WITH NECK MOUNTED ADJUSTABLE DAMPER.  
3) SUPPORT DEVICE INDEPENDENT OF DROP CEILING FRAMING.  
4) FRAME TO BE COMPATIBLE WITH PLASTER, DRYWALL, OR OTHER SURFACE MOUNTINGS. (i.e. DUCTWORK)  
5) MOUNTED DIRECTLY TO SPIRAL DUCT.  
6) FRAME TO BE COMPATIBLE WITH STD. T-BAR CEILING.  
7) FURNISH WITH ADJUSTABLE SCOOP OR EXTRACTOR

| OUTSIDE AIR REQUIREMENTS |                                  |                     |                           |                           |                                                   |                                                        |                               | AIR SYSTEMS             |                  |                          |
|--------------------------|----------------------------------|---------------------|---------------------------|---------------------------|---------------------------------------------------|--------------------------------------------------------|-------------------------------|-------------------------|------------------|--------------------------|
| SPACE DESCRIPTION        | SPACE VENTILATION CLASSIFICATION | FLOOR AREA (SQ.FT.) | OCCUPANCY (PEOPLE/SQ.FT.) | OCCUPANCY (NO. OF PEOPLE) | OUTSIDE AIR VENTILATION RATE BY AREA (CFM/SQ.FT.) | OUTSIDE AIR VENTILATION RATE BY OCCUPANCY (CFM/PERSON) | OUTSIDE AIR VENTILATION (CFM) | SYSTEM PLAN DESIGNATION | SUPPLY AIR (CFM) | OUTSIDE AIR INTAKE (CFM) |
| BAY 1                    | WAREHOUSE                        | 1650                | ---                       | ---                       | 0.06                                              | ---                                                    | 99                            | RTU-1                   | 2400             | 250                      |
| BAY 2                    | WAREHOUSE                        | 7365                | ---                       | ---                       | 0.06                                              | ---                                                    | 442                           | RTU-2                   | 4000             | 425                      |
|                          |                                  |                     |                           |                           |                                                   | TOTAL                                                  | 541/0.8 = 675                 |                         |                  |                          |

① EFFECTIVENESS BREATHING RATE FACTOR OF 0.8 APPLIED

| EXHAUST FAN SCHEDULE |             |     |       |           |      |        |            |            |          |          |
|----------------------|-------------|-----|-------|-----------|------|--------|------------|------------|----------|----------|
| SYMBOL               | MODEL #     | CFM | ESP   | HP        | RPM  | DRIVE  | ELECTRICAL | ROOF OPNG. | DUTY     | DAMPER   |
| EF-1                 | COOK #GC420 | 225 | 0.25" | 170 WATTS | 1145 | DIRECT | 120/1/60   | 8"         | RESTROOM | INTEGRAL |

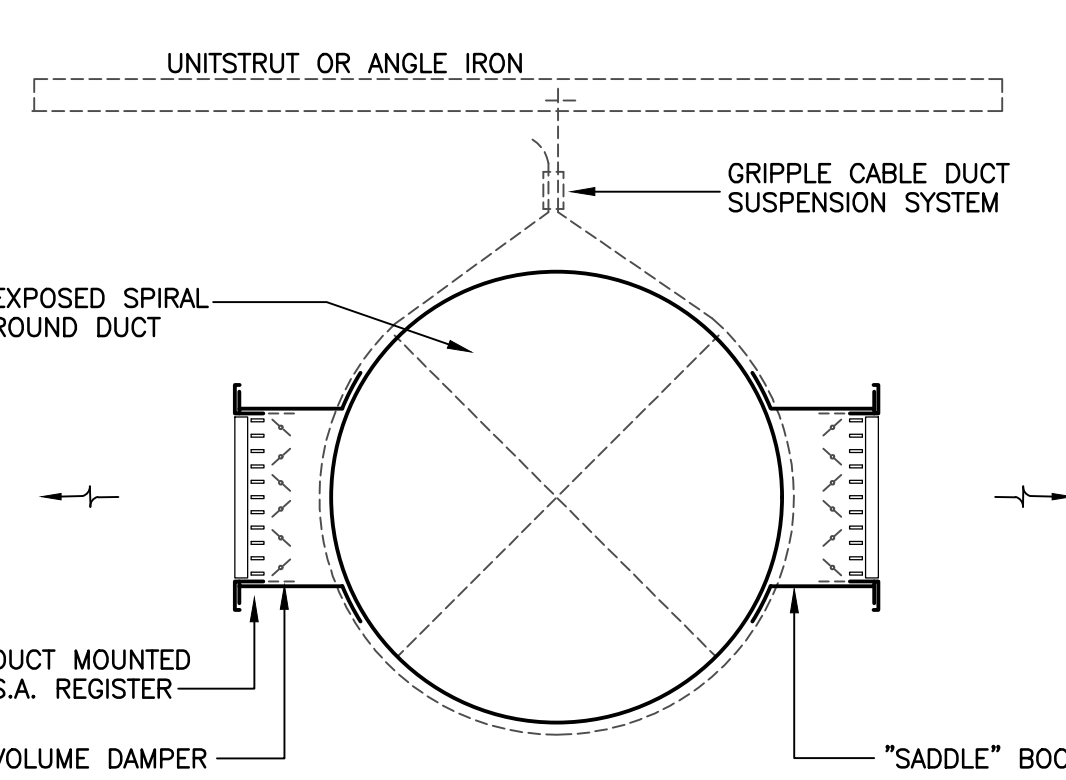
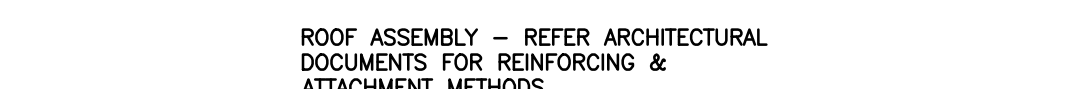
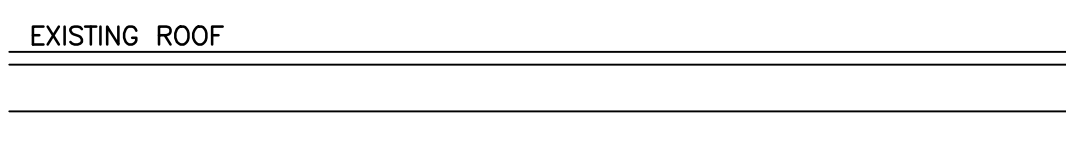
- 1) PLUG-IN TYPE DISCONNECT SWITCH  
2) MOUNT IN CEILING  
3) GRAVITY DAMPER  
4) WIRED BY E.C. TO BE SWITCHED OFF/ON WITH LIGHTS  
5) PROVIDE WITH ROOF CAP  
6) BIRDSCREEN



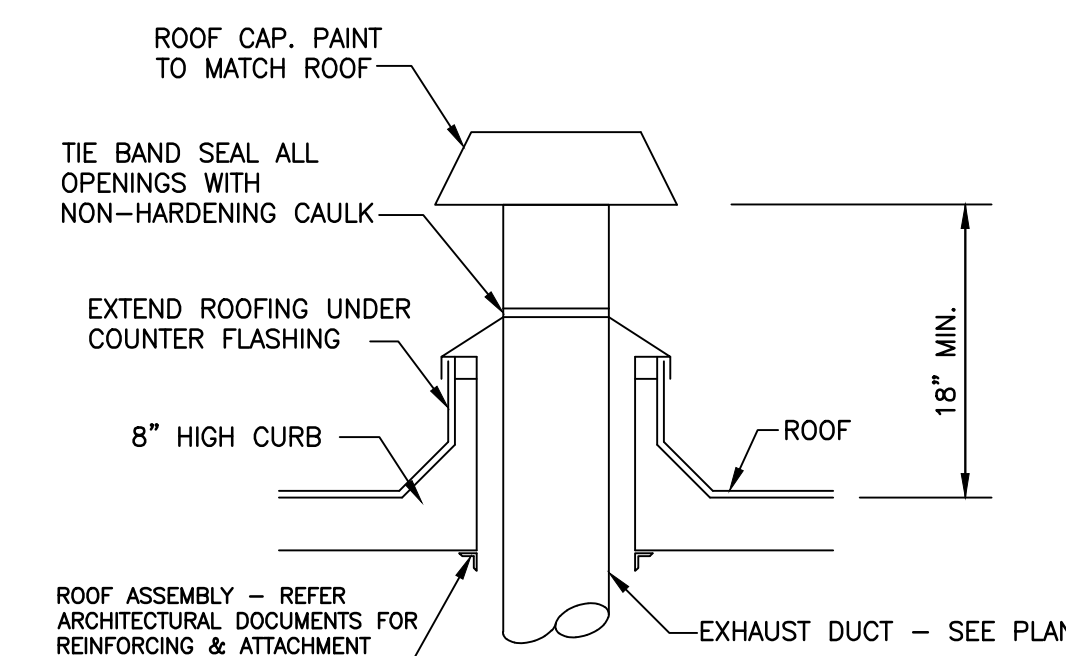
DUCT FACE AREA FROM 0 TO 4 SQ. FT. HANGERS 98" O.C. MAX DUCT FACE AREA FROM 4 TO 10 SQ. FT. HANGERS 72" O.C. MAX DUCT FACE AREA FROM 10 AND GREATER HANGERS 48" O.C. MAX  
WHERE DUCTS ARE LESS THAN 2 SQ. FT. IN FACE AREA, HANGERS SHALL BE NOT LESS THAN 1"x1/16" STRAP STEEL.  
WHERE DUCT ARE GREATER THAN 2 SQ. FT. IN FACE AREA, HANGERS SHALL BE NOT LESS THAN 1"x1/8" STRAP STEEL.

WHERE DUCT ARE 8 SQ. FT. IN FACE AREA, HANGERS SHALL BE BRACED BY 1"x1/8" STEEL ANGLES ALL AROUND, SPACED NO MORE THAN FOUR FEET ON CENTERS.  
WHERE DUCTS ARE OVER 48" WIDE, THE HANGERS SHALL BE BROUGHT DOWN UNDER THE DUCT SIDES 4" AND FASTENED TO THE BOTTOM.

**4 DUCT HANGERS**  
H1.02 NTS

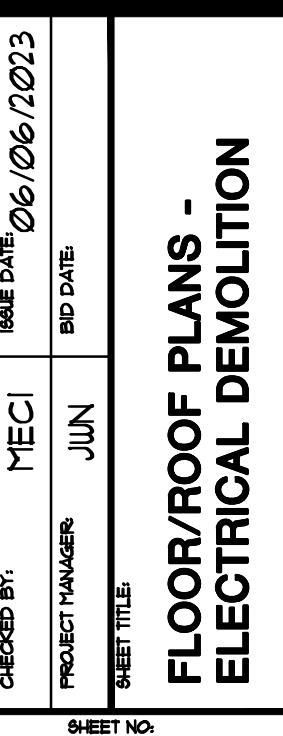
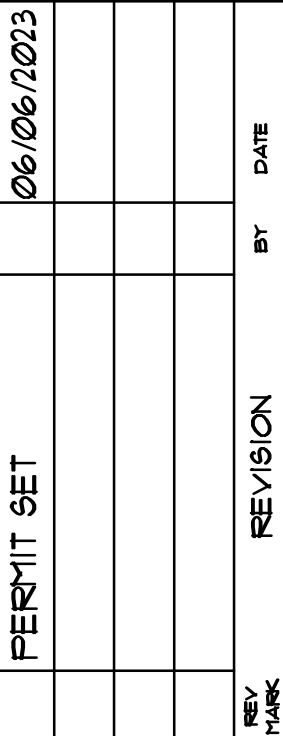


**5 SPIRAL ROUND DUCT/DIFFUSER DETAIL**  
H1.02 N.T.S.



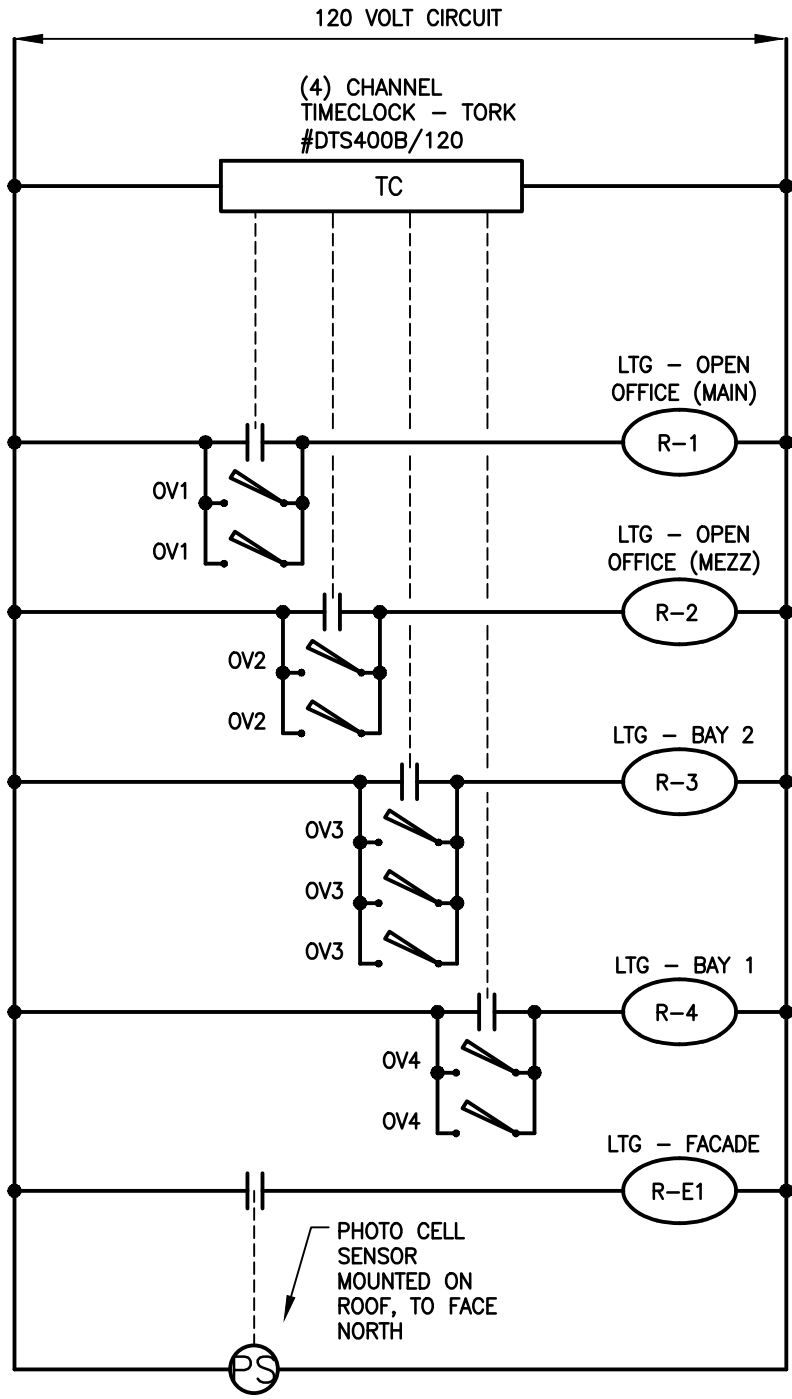
NOTE:- MAINTAIN A MINIMUM OF 10'-0" SEPARATION BETWEEN ALL EXHAUST AND INTAKE LOCATIONS

**6 ROOF CAP DETAIL**  
H1.02 N.T.S.



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

| RELAY SCHEDULE                                                                                                                                                                                     |           |      |              |              |                                     |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|--------------|--------------|-------------------------------------|----------------|
| RELAY NO.                                                                                                                                                                                          | NO. POLES | AMPS | LOAD VOLTAGE | COIL VOLTAGE | LOAD DESCRIPTION                    | RELAY LOCATION |
| R-1                                                                                                                                                                                                | 4         | 20   | 120          | 120          | LTG - OPEN OFFICE (MANN) & CORRIDOR | EX'G PANEL     |
| R-2                                                                                                                                                                                                | 2         | 20   | 120          | 120          | LTG - OPEN OFFICE (MEZZ)            | EX'G PANEL     |
| R-3                                                                                                                                                                                                | 4         | 20   | 120          | 120          | LTG - BAY 2                         | EX'G PANEL     |
| R-4                                                                                                                                                                                                | 2         | 20   | 120          | 120          | LTG - BAY 1                         | EX'G PANEL     |
| R-E1                                                                                                                                                                                               | 2         | 20   | 208          | 120          | LTG - FACADE                        | EX'G PANEL     |
| NOTES:                                                                                                                                                                                             |           |      |              |              |                                     |                |
| 1. ELECTRICALLY HELD RELAY EQUAL TO SQUARE 'D' CLASS 8903 TYPE 'LG'                                                                                                                                |           |      |              |              |                                     |                |
| 2. PHOTOCELL CONTROL                                                                                                                                                                               |           |      |              |              |                                     |                |
| 3. LIGHTING SHALL BE AUTOMATICALLY SHUT OFF FROM 12 MIDNIGHT OR WITHIN ONE (1) HOUR OF THE END OF BUSINESS OPERATIONS, WHICHEVER IS LATER, UNTIL 6 A.M. OR BUSINESS OPENING, WHICHEVER IS EARLIER. |           |      |              |              |                                     |                |



1  
E1.01 NO SCALE

INTERIOR/EXTERIOR LIGHTING  
CONTROL WIRING DIAGRAM

#### LIGHTING FIXTURE SCHEDULE

- ED1  
POLYCARBONATE BACK-MOUNT LED EXIT SIGN w/ WHITE HOUSING, RED LETTERS, LESS LAMP HEADS, SEALED MAINTENANCE FREE, HIGH OUTPUT NICKEL-CADMIUM BATTERY DELIVERS 90-MINUTES CAPACITY TO REMOTE EMERGENCY LAMPS (1.5W/9.6V), UNIVERSAL MOUNTING, SINGLE FACE WITH EXTRA FACEPLATE AND COLOR PANEL, 120/277V. THE UNIT HAS A TOTAL OF 9.6V, 6W REMOTE CAPACITY. HOLOPHANE #GM LED R HO RO
- EX1  
POLYCARBONATE TOP-MOUNT LED EXIT SIGN w/ WHITE HOUSING, RED LETTERS, LESS LAMP HEADS, SEALED MAINTENANCE FREE, HIGH OUTPUT NICKEL-CADMIUM BATTERY DELIVERS 90-MINUTES CAPACITY TO REMOTE EMERGENCY LAMPS (1.5W/9.6V), UNIVERSAL MOUNTING, SINGLE FACE WITH EXTRA FACEPLATE AND COLOR PANEL, 120/277V. THE UNIT HAS A TOTAL OF 9.6V, 6W REMOTE CAPACITY. HOLOPHANE #GM LED R HO RO
- EX2  
POLYCARBONATE TOP-MOUNT LED EXIT SIGN w/ WHITE HOUSING, RED LETTERS, LESS LAMP HEADS, SEALED MAINTENANCE FREE, HIGH OUTPUT NICKEL-CADMIUM BATTERY DELIVERS 90-MINUTES CAPACITY TO REMOTE EMERGENCY LAMPS (1.5W/9.6V), UNIVERSAL MOUNTING, SINGLE FACE WITH EXTRA FACEPLATE AND COLOR PANEL, 120/277V. THE UNIT HAS A TOTAL OF 9.6V, 6W REMOTE CAPACITY. HOLOPHANE #GM LED R
- EX3  
POLYCARBONATE TOP-MOUNT LED EXIT SIGN w/ WHITE HOUSING, RED LETTERS, LESS LAMP HEADS, SEALED MAINTENANCE FREE, HIGH OUTPUT NICKEL-CADMIUM BATTERY DELIVERS 90-MINUTES CAPACITY TO REMOTE EMERGENCY LAMPS (1.5W/9.6V), UNIVERSAL MOUNTING, SINGLE FACE WITH EXTRA FACEPLATE AND COLOR PANEL, 120/277V. THE UNIT HAS A TOTAL OF 9.6V, 6W REMOTE CAPACITY. HOLOPHANE #GM LED R
- EX4  
POLYCARBONATE BACK-MOUNT LED EXIT SIGN w/ WHITE HOUSING, RED LETTERS, SEALED MAINTENANCE-FREE NICKEL-CADMIUM BATTERY DELIVERS 90-MINUTES CAPACITY TO REMOTE EMERGENCY LAMPS, UNIVERSAL MOUNTING, SINGLE FACE WITH EXTRA FACEPLATE AND COLOR PANEL, 120/277V. HOLOPHANE #GM LED R
- EM1  
UNIVERSAL-MOUNTED EMERGENCY LIGHT w/ (2) ADJUSTABLE 3.3W LED LAMP HEADS, 640 LUMENS TOTAL, SPOT PATTERN, SINGLE UNIT, WHITE HOUSING, WALL OR CEILING MOUNT, SEALED MAINTENANCE-FREE 9.6V LITHIUM IRON PHOSPHATE BATTERY, 120/277V. HOLOPHANE #CZ04L
- EM2  
UNIVERSAL-MOUNTED EMERGENCY LIGHT w/ (2) ADJUSTABLE 3.3W LED LAMP HEADS, 640 LUMENS TOTAL, SPOT PATTERN, SINGLE UNIT, WHITE HOUSING, WALL OR CEILING MOUNT, SEALED MAINTENANCE-FREE 9.6V LITHIUM IRON PHOSPHATE BATTERY, 120/277V. HOLOPHANE #CZ06L
- P1  
PENDANT-MOUNTED LED HIGH-BAY FIXTURE w/ WIDE GLASS REFLECTOR AND REFRACTOR, 3500K, 80 CRI, 12,000 LUMENS, WHITE HOUSING, 0-10V DIMMING, 120V, 75 WATTS. HOLOPHANE #PHG 12000LM HEF WGG MVOLT 35K 80CRI
- P2  
8' LONG CHAIN-MOUNTED LED STRIP FIXTURE w/ FULL FROSTED LENS, 3500K, 90CRI, 14,000 LUMENS, HIGH REFLECTANCE MATTE WHITE ENAMEL FINISH, 0-10V DIMMING ELECTRONIC LED DRIVER, 120V, 104 WATTS. HOLOPHANE #HTZLIN L96 14000LM FST MVOLT 35K 90CRI WH
- R1  
2'x4' RECESSED-MOUNT LAY-IN LED LIGHT FIXTURE, 3900 LUMENS OUTPUT, 3500K, 80 CRI, WHITE OPAL ACRYLIC DIFFUSER LENS, ELECTRONIC DRIVER WITH 0-10V DIMMING (1%), WHITE FINISH, 120V, 36 WATTS. HOLOPHANE #HVT 2X4 DOP 3900LM 35K MVOLT MINI 80CRI ZT
- S1  
SURFACE-MOUNTED 7" LED DOWNLIGHT, 3/4" H, HOUSING, DIFFUSING LENS CONCEALS LED, 1,000 LUMENS, 90 CRI, 3,500K, MULTITAP DRIVER, 0-10V DIMMING ABILITY, WET LABEL, 120V, 13 WATTS. \* = TRIM RING FINISH (TO BE SELECTED BY ARCHITECT) JUNG #RSF 7N 10M 35K 90CRI MVOLT ZT \*
- S2  
4' LONG SURFACE-MOUNTED LED STRIP FIXTURE w/ FULL FROSTED LENS FOR WIDE DISTRIBUTION, 3500K, 80CRI, 5,000 LUMENS, HIGH REFLECTANCE MATTE WHITE ENAMEL FINISH, 0-10V DIMMING ELECTRONIC LED DRIVER, 120V, 41 WATTS. HOLOPHANE #HZL1D L48 5000LM FST MVOLT 35K 80CRI WH
- W1  
WALL-MOUNTED LED WET-LABELED, FULL-CUTOFF WALL-PACK w/ ACRYLIC OPTICAL SYSTEM, TYPE II MEDIUM DISTRIBUTION, 4000K, 70CRI, 7,800 LUMENS, BLACK FINISH, ELECTRONIC LED DRIVER, 208V, 71 WATTS. HOLOPHANE #HLWPC2 P30 40K 208 12M BKSPD
- CF1  
72", 7-BLADE CEILING FAN, MATTE BLACK FINISH, 120V, 33 WATTS. PROVIDE w/ CONTROLS. BLUETEK #S1502

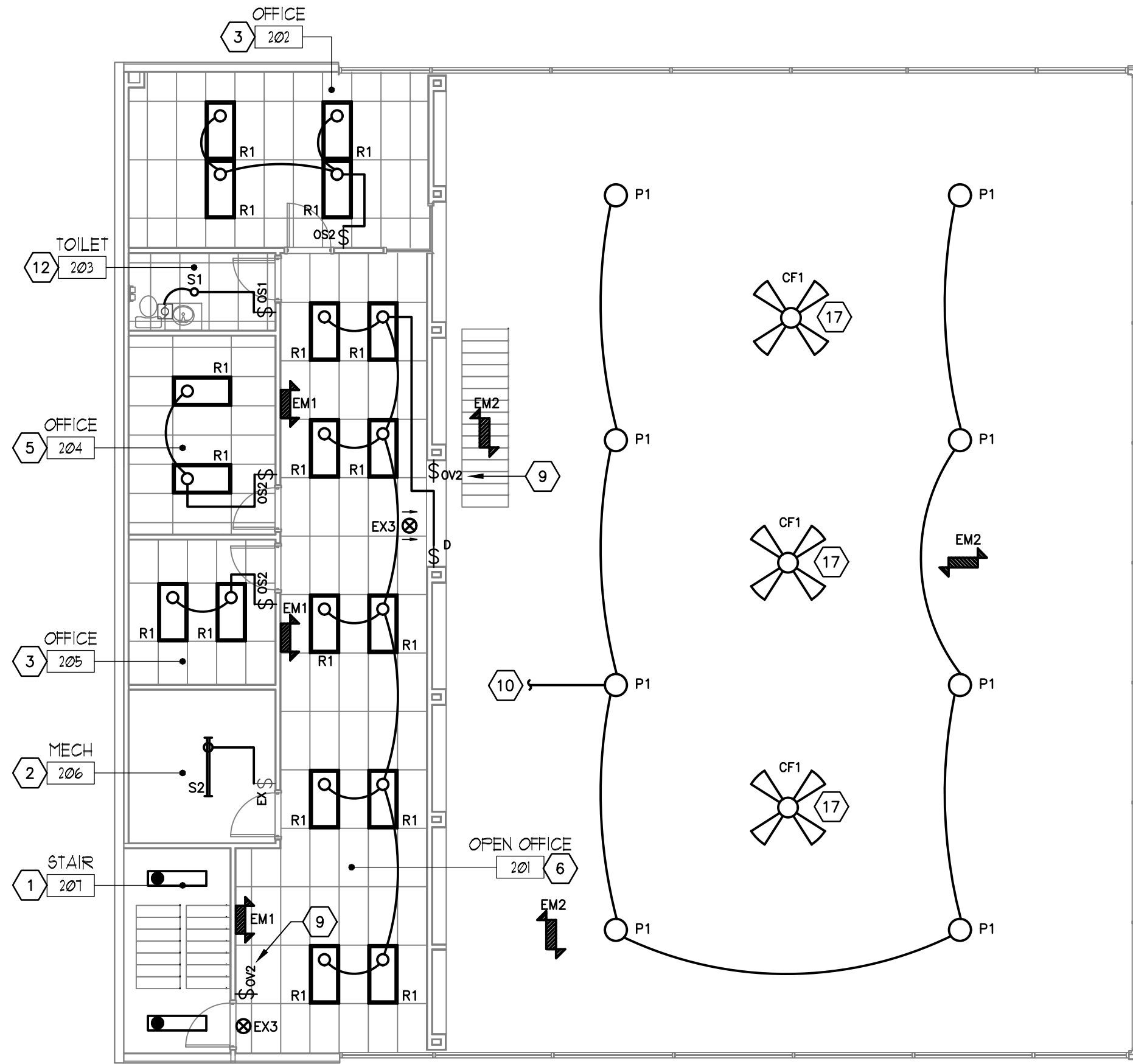
#### LIGHTING CODED NOTES

(APPLICABLE TO THIS SHEET ONLY)

1. NO LIGHTING SCOPE/WORK THIS ROOM.
2. REPLACE EXISTING LIGHTING 1-FOR-1 AND MAINTAIN EXISTING LIGHTING CIRCUIT. CONTROL SHALL BE VIA EXISTING DEVICE.
3. REPLACE EXISTING LIGHTING 1-FOR-1 AND MAINTAIN EXISTING LIGHTING CIRCUIT. CONTROL SHALL BE VIA NEW DEVICE DENOTED.
4. REPLACE EXISTING LIGHTING 1-FOR-1 AND MAINTAIN EXISTING LIGHTING CIRCUIT. CONTROL SHALL BE VIA NEW DEVICE DENOTED. NEW DEVICE TO BE WIRED TO CONTROL FAN ALSO.
5. REPLACE EXISTING LIGHTING WITH NEW LAYOUT SHOWN AND MAINTAIN EXISTING LIGHTING CIRCUIT. CONTROL SHALL BE VIA NEW DEVICE DENOTED.
6. REPLACE EXISTING LIGHTING 1-FOR-1 AND MAINTAIN EXISTING LIGHTING CIRCUIT. THIS BRANCH OF THE EXISTING CIRCUIT SHALL RE-ROUTED THRU A RELAY THAT WILL BE TIMECLOCK CONTROLLED. LOCAL LIGHTING CONTROL SHALL BE VIA NEW DEVICES DENOTED.
7. REPLACE EXISTING LIGHTING AS DENOTED AND MODIFY EXISTING LIGHTING CIRCUITING AS DENOTED. THIS BRANCH OF THE EXISTING CIRCUIT SHALL RE-ROUTED THRU A RELAY THAT WILL BE TIMECLOCK CONTROLLED.
8. REPLACE EXISTING SHOWER LIGHT 1-FOR-1 AND MAINTAIN EXISTING LIGHTING CIRCUIT. CONTROL SHALL BE VIA NEW DEVICE DENOTED.
9. AFTER-HOURS OVER-RIDE SWITCH FOR LOCAL LIGHTING. REFER TO CONTROL DIAGRAM(S).
10. DIMMING CONTROLS DOWN TO COMBINATION MANUAL DIMMER/DAY-LIGHT HARVESTING SENSOR.
11. DIMMING CONTROLS UP TO HIGH-BAY LIGHTING.
12. REPLACE EXISTING LIGHTING WITH NEW LAYOUT AND MAINTAIN EXISTING LIGHTING CIRCUIT. CONTROL SHALL BE VIA NEW DEVICE DENOTED. NEW DEVICE TO BE WIRED TO CONTROL FAN ALSO.
13. REPLACE EXISTING LIGHTING WITH NEW LAYOUT AND MAINTAIN EXISTING LIGHTING CIRCUIT (3-REQUIRED). THIS BRANCH OF THE EXISTING CIRCUIT SHALL RE-ROUTED THRU A RELAY THAT WILL BE TIMECLOCK CONTROLLED. LOCAL LIGHTING CONTROL SHALL BE VIA NEW DEVICES DENOTED.
14. REPLACE EXISTING LIGHTING WITH NEW LAYOUT AND MAINTAIN EXISTING LIGHTING CIRCUIT (1-REQUIRED). THIS BRANCH OF THE EXISTING CIRCUIT SHALL RE-ROUTED THRU A RELAY THAT WILL BE TIMECLOCK CONTROLLED. LOCAL LIGHTING CONTROL SHALL BE VIA NEW DEVICES DENOTED.
15. COORDINATE PREFERRED WIRING ROUTING WITH ARCHITECT/OWNER.
16. EXTEND (3) #10 & (1) #10 GROUND IN 3/4" CONDUIT 1 ONE 20A/2P BREAKER IN EXISTING PANEL & REMOVE (1) 1P DEVICES MADE AVAILABLE VIA DEMO AS REQUIRED. THIS NEW WIRING SHALL OCCUR VIA NEW RELAY "R-E1". REFER TO DIAGRAM THIS SHEET.
17. REPLACE EXISTING CEILING FAN 1-FOR-1 AND MAINTAIN EXISTING CIRCUIT. MODIFY/ADD CONTROLS AS REQUIRED.

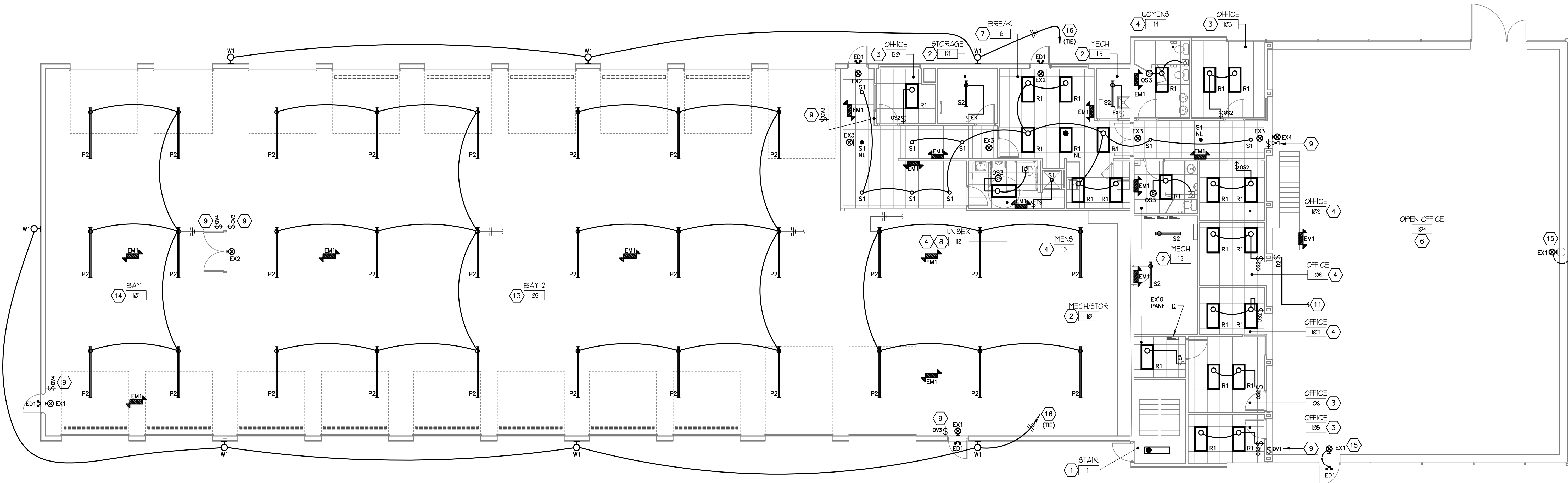
#### LIGHTING CONTROLS

- 051 \$ LINE-VOLTAGE, WALL-MOUNTED PIR/MICROPHONIC SENSOR, ON/OFF PUSH BUTTON, PROGRAMMED AS AUTO-ON AND 10 MIN. TIME TO OFF, COLOR PER OWNER/ARCHITECT (\*). SENSOR SWITCH #WSX-POT-4 \*
- 052 \$ LINE-VOLTAGE, WALL-MOUNTED PIR/MICROPHONIC SENSOR, ON/OFF PUSH BUTTON, RAISE & LOWER DIMMING BUTTONS, 0-10V DIMMING CONTROL, AUTOMATIC START LEVEL OF 50%, UNIT TO BE PROGRAMMED AS AUTO-ON AND 10 MIN. TIME TO OFF, COLOR PER OWNER/ARCHITECT (\*). SENSOR SWITCH #WSX-POT-D-4 \*
- 053 \$ LINE-VOLTAGE, PIR/MICROPHONIC SENSOR, CEILING MOUNTED, WHITE COLOR. UNIT TO BE PROGRAMMED AS AUTO-ON AND 10 MIN. TIME-TO-OFF. SENSOR SWITCH #FWM-POT-9
- TS \$ LINE-VOLTAGE WALLBOX TIMED OVERRIDE SWITCH. UNIT TO BE PROGRAMMED AS 20 MIN. OVERRIDE TIME-TO-OFF, COLOR PER OWNER/ARCHITECT (\*). WAITSTOPPER #TS-400-\*
- 0W \$ LINE-VOLTAGE WALLBOX TIMED OVERRIDE SWITCH. UNIT TO BE PROGRAMMED AS 30 MIN. OVERRIDE TIME-TO-OFF, COLOR PER OWNER/ARCHITECT (\*). WAITSTOPPER #TS-400-\*



MEZZANINE PLAN - LIGHTING  
SCALE: 1/8" = 1'-0"

NOTE: CIRCLES ALL EXIT SIGNS AND EMERGENCY LIGHTING THRU LOCAL LIGHTING CIRCUIT. AHEAD OF ALL SWITCHING/CONTROL.



FLOOR PLAN - LIGHTING  
SCALE: 1/8" = 1'-0"

NOTE: CIRCLES ALL EXIT SIGNS AND EMERGENCY LIGHTING THRU LOCAL LIGHTING CIRCUIT. AHEAD OF ALL SWITCHING/CONTROL.

JBA architects  
PROFESSIONAL ENGINEERING

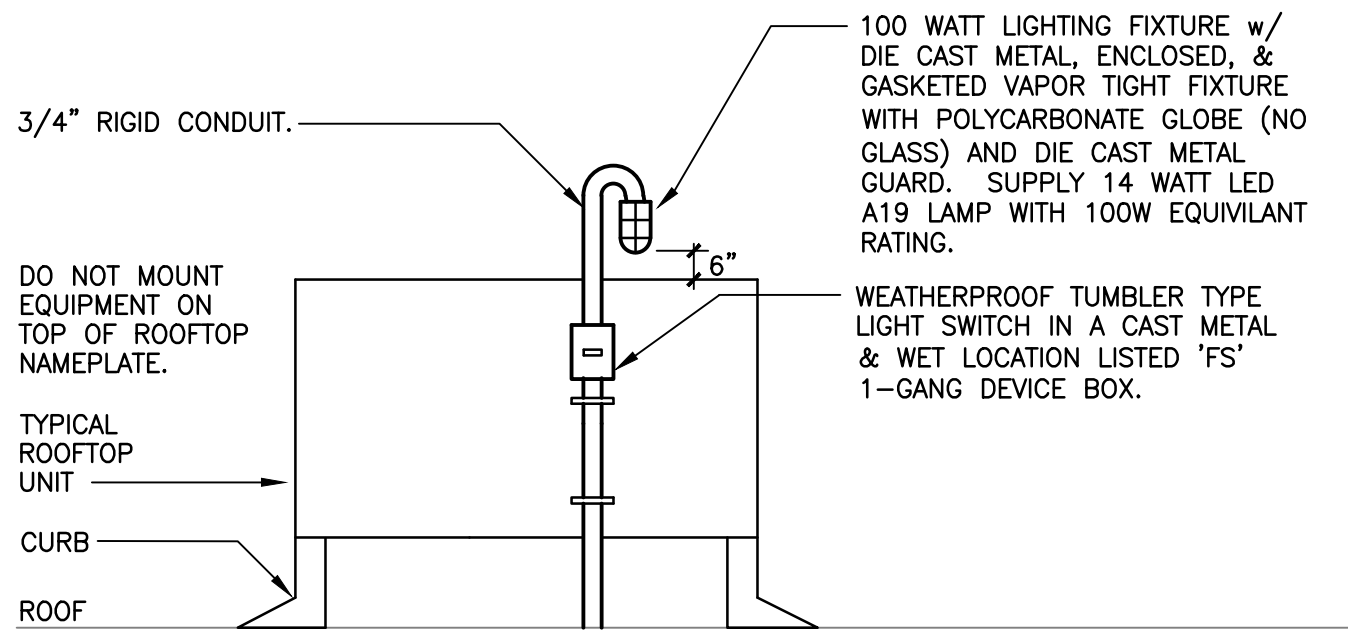
MATTHEW R. MCMLLEN  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF OHIO  
No. 74827

McMILLEN ENGINEERING CO., INC.  
MECHANICAL AND ELECTRICAL DIVISION  
100 South State Street, Westerville, Ohio 43081  
614-895-9408 FAX 614-895-9450  
Web: <http://www.mcmilleneng.com>

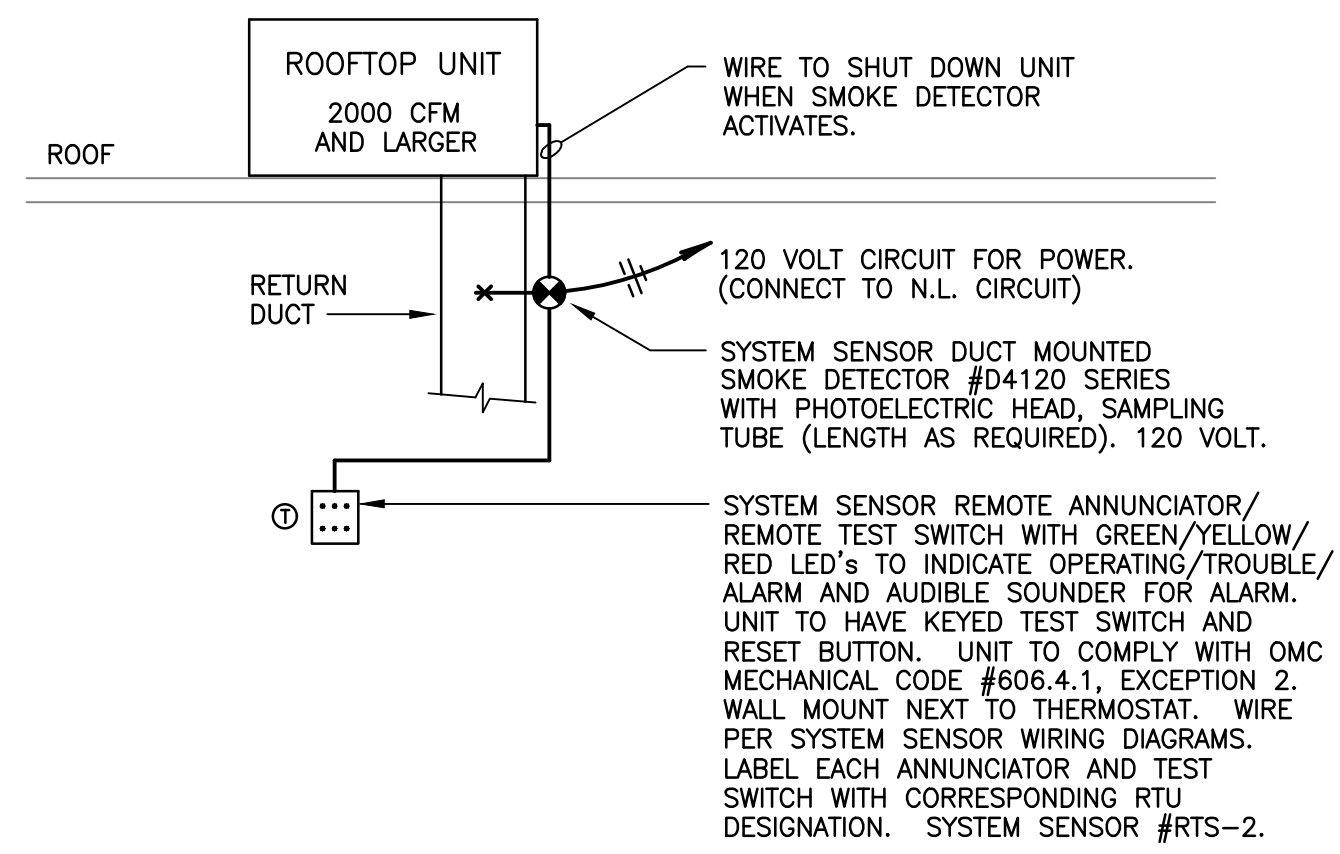
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|------------|------------|----|------|
| PERMIT SET | 06/06/2023 |    |      |
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Heath Newark Licking County Port Authority  
BUILDING RENOVATION  
1425 Mount Vernon Road  
Newark, Ohio 43055

|                 |                       |      |            |
|-----------------|-----------------------|------|------------|
| DESIGN          | MECI                  | DATE | 23/03-A    |
| CHECKED BY      | MECI                  | DATE | 06/06/2023 |
| PROJECT MANAGER | JUN                   | DATE |            |
| SHEET TITLE     | FLOOR PLAN - LIGHTING |      |            |
| SHEET NO.       | E1.01                 |      |            |



**2**  
**ROOF MOUNTED EQUIPMENT  
LIGHT AND SWITCH DETAIL**  
E102/ NO SCALE      w/ SEPERATE LIGHT SWITCH HOUSING

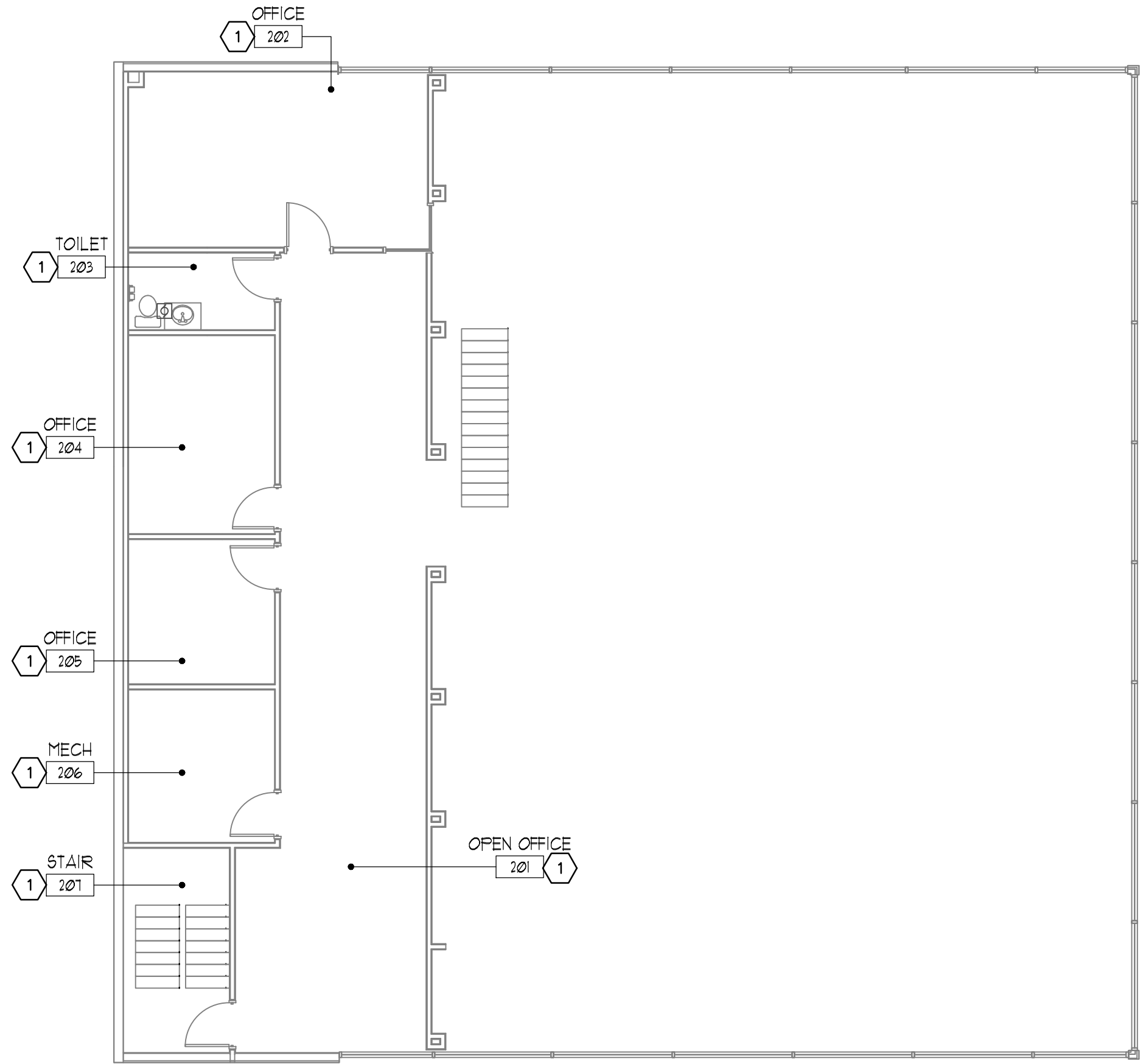


**1**  
**DUCT MOUNTED SMOKE DETECTOR DETAIL**  
E102/ NO SCALE

| ELECTRICAL LEGEND |                                                                                                                                                                 |            |                                        |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------|
|                   | LIGHT FIXTURE WIRED FOR NIGHT LIGHT USE.                                                                                                                        | AFF        | ABOVE FINISHED FLOOR                   |
|                   | SINGLE POLE SWITCH, M.H. 42" A.F.F. TO BOTTOM UNLESS NOTED OTHERWISE.                                                                                           | C          | CONDUIT                                |
|                   | 20 AMP, 120 VOLT NEMA 5-20R GROUNDING TYPE DUPLEX RECEPTACLE, M.H. 18" TO BOTTOM UNLESS OTHERWISE NOTED.                                                        | EF         | EXHAUST FAN                            |
|                   | 20 AMP, 120 VOLT NEMA 5-20 GROUNDING TYPE DUPLEX RECEPTACLE W/ SELF-CONTAINED GROUND FAULT INTERRUPTIONS PROVISIONS, M.H. 18" TO BOTTOM UNLESS OTHERWISE NOTED. | EM         | EMERGENCY                              |
|                   | BRANCH CIRCUIT CONDUIT, 1/2" MINIMUM, CONCEALED BELOW SLAB OR IN CEILING OR WALLS, SLASH MARKS INDICATE NUMBER OF CONDUCTORS, #12 AWG, UNLESS NOTED OTHERWISE.  | EW         | ELECTRIC WATER COOLER                  |
|                   | HOMERUN TO PANELBOARD, 3/4" MINIMUM. LETTER INDICATES PANEL, NUMBERS INDICATE CIRCUITS.                                                                         | EX'G , (E) | EXISTING                               |
|                   | WIRING & CONDUIT UNDERFLOOR                                                                                                                                     | GFI        | GROUND FAULT INTERRUPTOR               |
|                   | SMOKE DETECTOR, DUCT MOUNTED                                                                                                                                    | GND        | GROUND                                 |
|                   |                                                                                                                                                                 | MH         | MOUNTING HEIGHT (ABOVE FINISHED FLOOR) |
|                   |                                                                                                                                                                 | UG         | UNDERGROUND                            |
|                   |                                                                                                                                                                 | WP         | WEATHERPROOF                           |
|                   |                                                                                                                                                                 | OH         | OVERHEAD                               |
|                   |                                                                                                                                                                 | (TIE)      | INDICATES SAME CIRCUIT USED ELSEWHERE  |
|                   |                                                                                                                                                                 | PE         | PRIMARY ELECTRIC                       |
|                   |                                                                                                                                                                 | SE         | SECONDARY ELECTRIC                     |
|                   |                                                                                                                                                                 | (2)        | CODED NOTE, NUMBER 2 IDENTIFICATION    |

- POWER CODED NOTES**  
(APPLICABLE TO THIS SHEET ONLY)
1. NO POWER SCOPE/WORK THIS ROOM/AREA.
  2. NO POWER SCOPE/WORK THIS ROOM/AREA BEYOND WHAT IS DENOTED.
  3. EXTEND (2) #12 & (1) 12 GND IN 1" TO NEW 20A/1P GFI BREAKER TO REPLACE SPARE CREATED BY DEMO IN PANEL B.
  4. EXTEND (6) #12 & (1) 10 GND IN 1" TO (3) SPARE 20A/1P BREAKERS CREATED BY DEMO IN PANEL B.
  5. ROOFTOP UNIT WITH INTEGRAL DISCONNECT AND RECEPTACLE, BY H.C. PROVIDE A 1" CONDUIT STUB FROM INTEGRAL SWITCH AND A 1" CONDUIT STUB FROM INTEGRAL RECEPTACLE DOWN THRU ROOF. SEAL PENETRATION THRU ROOF WATERTIGHT. CIRCUIT (4) #6 & (1) #10 GND IN 1" TO NEW BREAKER (50/3 = RTU-1 AND 60/3 = RTU-2) TO REPLACE (3) SPARES CREATED BY DEMO IN PANEL B.
  6. PROVIDE DUCT DETECTOR IN R/A DUCT, BELOW DECK. REFER TO DETAIL #1/THIS SHEET FOR SPEC & SIMILAR SCOPE.
  7. PROVIDE WEATHERPROOF LIGHT AND WEATHERPROOF SWITCH PER DETAIL #2/THIS SHEET. SEAL PENETRATION THRU ROOF WATERTIGHT. CIRCUIT AS DENOTED TO SPARE 20A/1P BREAKER CREATED BY DEMO IN PANEL B.
  8. REPAIR ALL EXISTING "DROP-CORDS" AND PUT INTO 100% SAFE AND OPERATIONAL CONDITION.
  9. CLEAN & REPAIR ALL FLOOR RECEPTACLE COVERS AND PUT INTO "LIKE NEW" AND OPERABLE CONDITION. REPLACE ANY NOT REPAIRABLE.

- ELECTRICAL GENERAL NOTES**
1. COORDINATE ALL WORK WITH OTHER TRADES.
  2. FIELD VERIFY EXISTING CONDITIONS AS SHOWN ON DRAWINGS. ALL OBVIOUS WORK ITEMS REQUIRED FOR OPERABLE SYSTEMS SHALL BE INCLUDED EVEN IF NOT SPECIFICALLY SHOWN OR NOTED.
  3. THIS CONTRACTOR SHALL FILE ALL DRAWINGS, PAY ALL FEES, AND OBTAIN ALL PERMITS AND CERTIFICATES OF INSPECTION RELATIVE TO ALL ELECTRICAL WORK.
  4. THIS CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, TOOLS, TRANSPORTATION, INCIDENTALS AND APPURTENANCES TO COMPLETE IN EVERY DETAIL AND ALL ITEMS OF WORK SHOWN ON DRAWINGS.
  5. ALL MATERIALS FURNISHED BY THIS CONTRACTOR SHALL BE NEW AND UNDETERIORATED AND OF A QUALITY NOT LESS THAN THE MINIMUM SPECIFIED. ALL MATERIALS, FIXTURES AND EQUIPMENT SHALL BE U.L. APPROVED AND LABELED.
  6. CONTRACTOR TO PROVIDE ELECTRONICALLY COPIES OF SHOP DRAWINGS OF ALL NEW EQUIPMENT TO ARCHITECT FOR REVIEW PRIOR TO PURCHASING.
  7. ALL WORK SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, CODES AND ORDINANCES INCLUDING, BUT NOT LIMITED TO, THE NATIONAL ELECTRIC CODE, LIFE SAFETY CODE, STATE BUILDING CODE, OSHA, ADA, AND THE STATE ENERGY CODE.
  8. THE DRAWINGS ARE SCHEMATIC AND SHOW APPROXIMATE LOCATIONS OF CONDUIT AND EQUIPMENT. EXACT LOCATIONS SHALL BE COORDINATED BY THE CONTRACTOR AND VERIFIED IN THE FIELD.
  9. ALL WIRING SHALL BE INSTALLED IN CONDUIT. CONDUIT SHALL BE "EMT" WHEN INSTALLED CONCEALED IN WALLS OR ABOVE CEILING OR EXPOSED ABOVE 8'-0" ABOVE THE FINISHED FLOOR. USE RIGID GALVANIZED CONDUIT WHEN EXPOSED BELOW 8'-0" ABOVE FINISHED FLOOR.
  10. USE "MC" CABLE ONLY IF APPROVED BY LOCAL CODE JURISDICTION FOR 20 AMP BRANCH CIRCUITS OF #10 OR #12 CONDUCTOR AND IN INTERIOR DRY LOCATIONS CONCEALED. DO NOT EXPOSE ANY "MC" CABLE. INSTALLATION AND SUPPORT OF "MC" CABLE SHALL BE PER CODE REQUIREMENTS.
  11. ALL CONDUCTORS SHALL BE STRANDED AND OF AWG SIZE AS SHOWN ON DRAWINGS. WHERE NO SIZE OR TYPE IS SHOWN, CONDUCTORS SHALL NOT BE LESS THAN #12 TYPE THHN OR XHHW AND SHALL BE SIZED FOR THE OVERCURRENT DEVICE AMPERE RATING PER N.E.C. ARTICLE 310. ALL CONDUCTORS SHALL BE COPPER AND HAVE 600 VOLT 90 DEGREES C RATED INSULATION.
  12. ALL LIGHT SWITCHES SHALL BE SPECIFICATION GRADE 120/277 VOLT AC RATED 20 AMP.
  13. ALL 120 VOLT DUPLEX RECEPTACLES SHALL BE RATED FOR 20 AMP, COMMERCIAL SPECIFICATION GRADE WITH FINGER GROOVE FRONT.
  14. ALL LIGHTING FIXTURES SHALL BE AS LISTED IN LIGHTING FIXTURE SCHEDULE WITH ALL REQUIRED MOUNTING HARDWARE FOR A COMPLETE INSTALLATION. INSTALLATION OF LIGHTING FIXTURE SHALL BE PER THE MANUFACTURER'S REQUIREMENTS.



**NORTH**  
**MEZZANINE PLAN - POWER**  
SCALE: 1/8" = 1'-0"

