



CERTIFICATION :

SAVOY  
PLACE

321 N. DEVILLERS ST.  
Pensacola, Florida  
32501

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REVISIONS :

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CHECKED BY : PDP

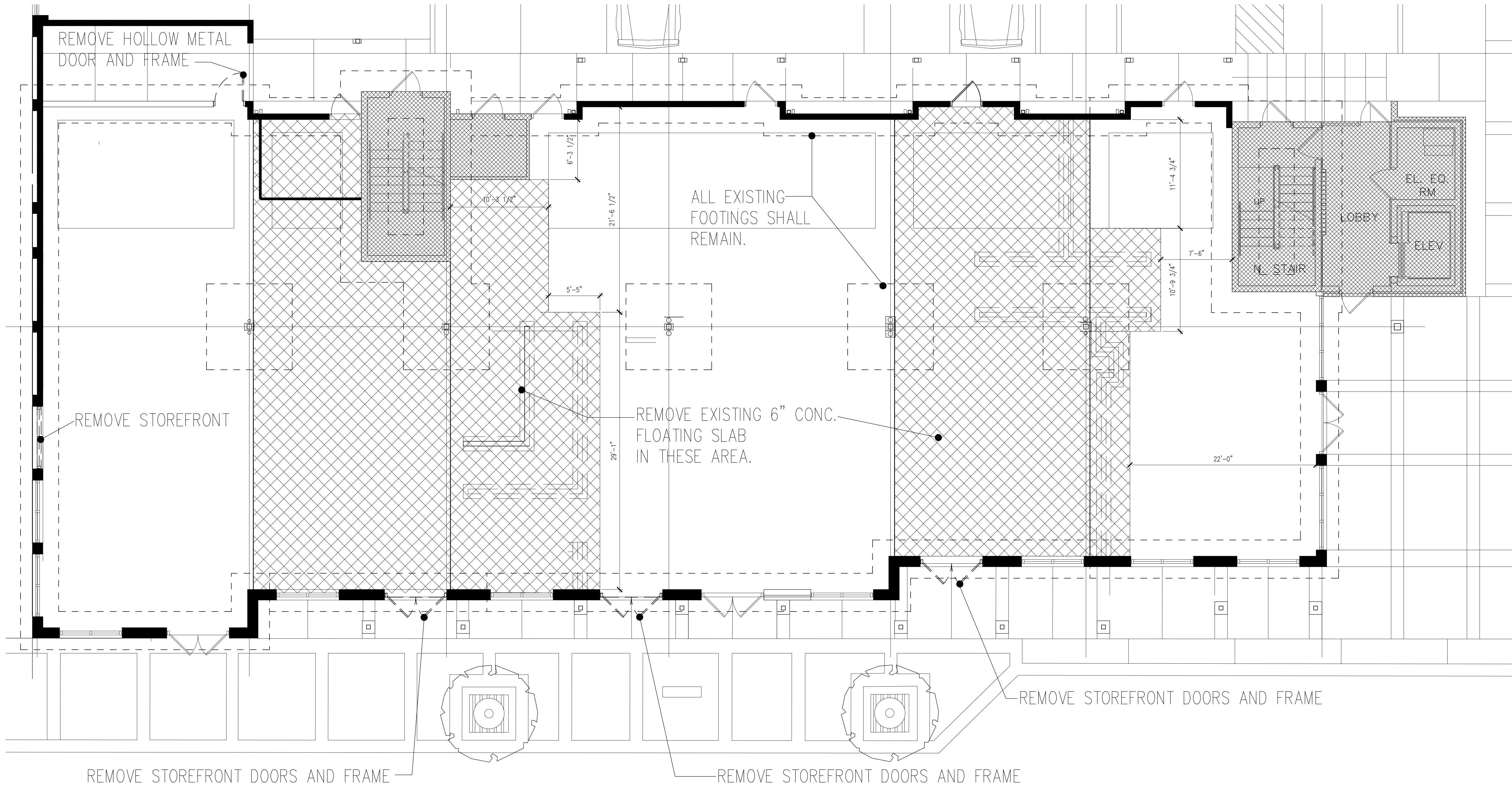
PROJECT NO. 2412

DATE : 5/7/25

SHEET TITLE :  
DEMO PLAN

SHEET NO. :

D-100

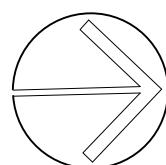


BUILDING INFORMATION

|                    |                                             |
|--------------------|---------------------------------------------|
| LOCATION           | 321 N. DEVILLERS ST<br>PENSACOLA, FL. 32501 |
| BUILDING SATUS     | EXISTING                                    |
| OCCUPANCY          | R2 AND FUTURE A2                            |
| USE                | APARTMENTS AND FUTURE RESTURAUNT            |
|                    | 1                                           |
| CONSTRUCTION TYPE: | V-A                                         |
| SPRINKLED:         | YES                                         |

SCOPE OF WORK

THE BUILDING WAS ORIGINALLY DESIGNED TO HAVE FIVE MIXED USE TENANT SPACES ON THE GROUND FLOOR. THE INTERIOR CONCRETE SLAB WAS STEPPED TO ALIGN THEIR ENTRANCES WITH THE EXISTING SIDE WALK GRADE. THE OWNER NOW ANTICIPATES THAT THERE WILL ONLY BE THREE SPACES AND SEEKS APPROVAL TO DEMOLISH TWO PORTIONS OF THE SLAB. THE NEW WORK FOR THIS AREA WILL BE SUBMITTED AS A SEPARATE PACKAGE.



1  
D-100

DEMO PLAN

SCALE: 3/16" = 1'-0"

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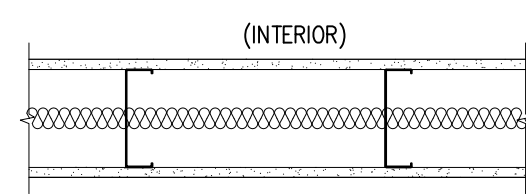
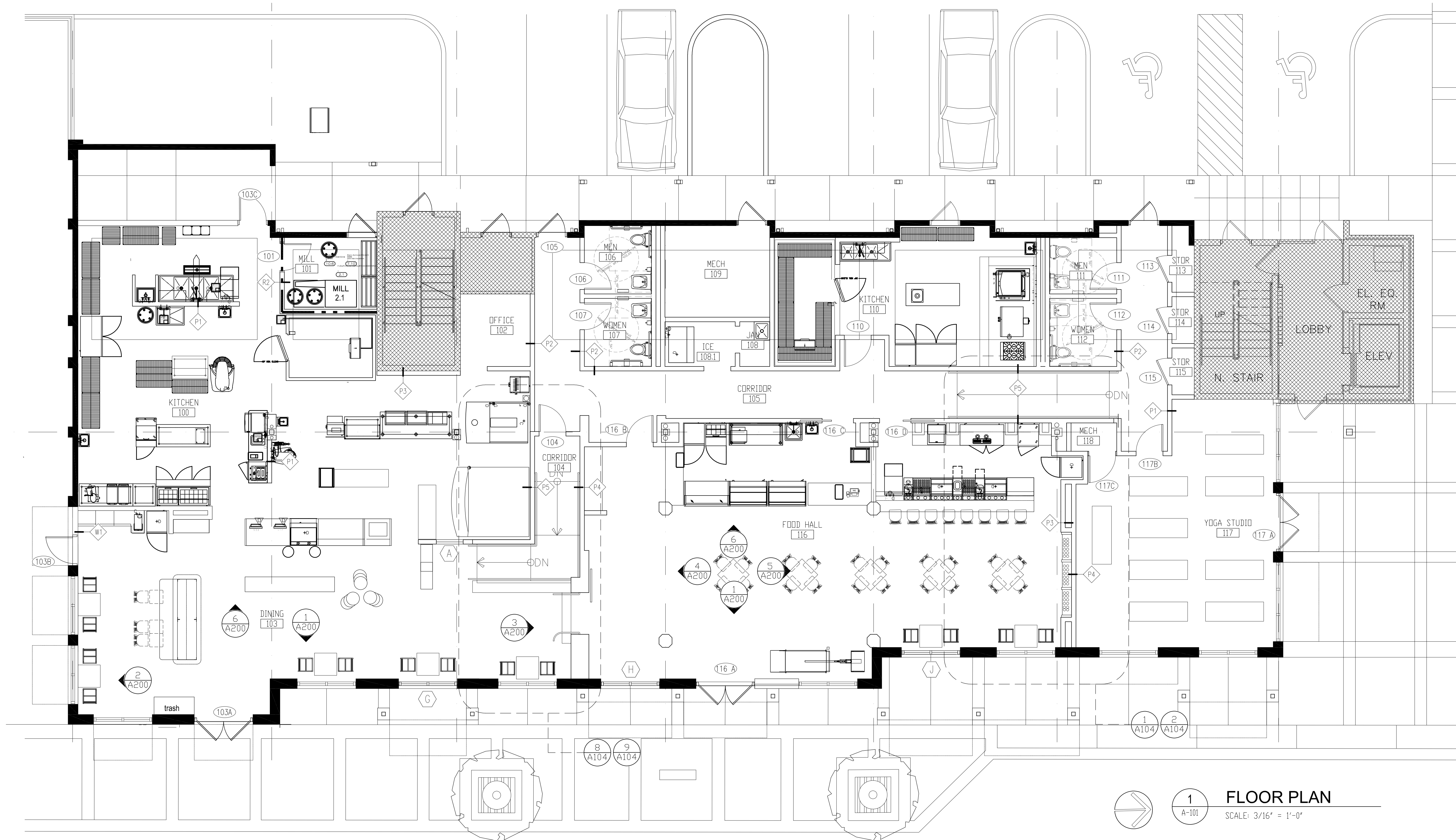
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SHEET TITLE :  
FLOOR PLAN

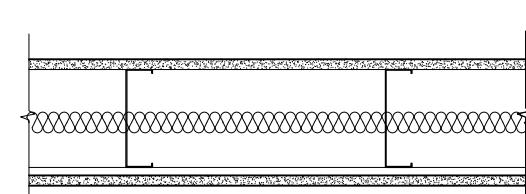
SHEET NO. :

A-101

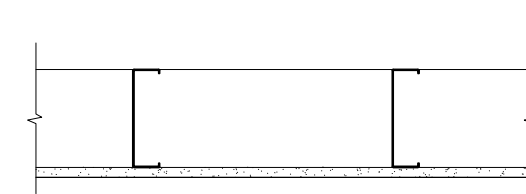
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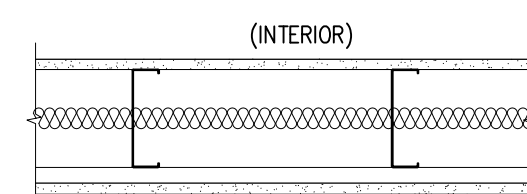
- 6" METAL STUD @ 16" O.C. EXTEND TO DECK
- 6" THERMAL INSULATION. EXTEND TO DECK
- 5/8" MRGWB. EACH SIDE EXTEND TO DECK
- USG MOLDTOUGH OR EQUAL
- USG DURROCK OR EQUAL AT TILE LOCATIONS
- SEAL GYP BOARD TOP AND BOTTOM



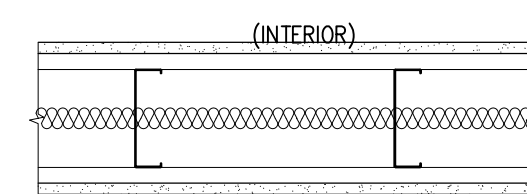
- 6" METAL STUD @ 16" O.C. EXTEND TO DECK
- 1/2" RESILIENT CHANNEL ON ONE SIDE
- 6" THERMAL INSULATION. EXTEND TO DECK
- 5/8" MRGWB. EACH SIDE EXTEND TO DECK
- USG MOLDTOUGH OR EQUAL
- USG DURROCK OR EQUAL AT TILE LOCATIONS
- SEAL GYP BOARD TOP AND BOTTOM



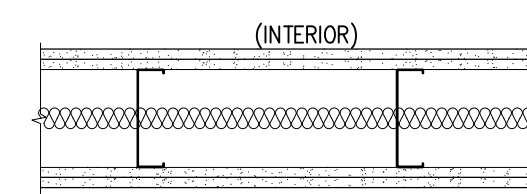
- 6" METAL STUD FURRING @ 16" O.C. EXTEND TO DECK
- 5/8" MRGWB. EXTEND TO DECK
- USG MOLDTOUGH OR EQUAL
- USG DURROCK OR EQUAL AT TILE LOCATIONS



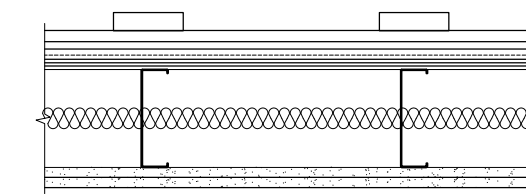
- 6" METAL STUD @ 16" O.C. EXTEND TO DECK
- 7/8" HAT CHANNEL ON ONE SIDE
- 6" THERMAL INSULATION. EXTEND TO DECK
- 5/8" MRGWB. EACH SIDE EXTEND TO DECK
- USG MOLDTOUGH OR EQUAL
- USG DURROCK OR EQUAL AT TILE LOCATIONS
- SEAL GYP BOARD TOP AND BOTTOM



- 6" METAL STUD @ 16" O.C. EXTEND TO DECK
- 7/8" HAT CHANNEL ON BOTH SIDES
- 6" THERMAL INSULATION. EXTEND TO DECK
- 5/8" MRGWB. EACH SIDE EXTEND TO DECK
- USG MOLDTOUGH OR EQUAL
- USG DURROCK OR EQUAL AT TILE LOCATIONS
- SEAL GYP BOARD TOP AND BOTTOM



- 6" METAL STUD FURRING @ 16" O.C. EXTEND TO DECK
- 6" THERMAL INSULATION. EXTEND TO DECK
- 2 LAYERS 5/8" MRGWBTYPE X. EACH SIDE
- USG MOLDTOUGH OR EQUAL
- USG DURROCK OR EQUAL AT TILE LOCATIONS
- FIRE SEAL GYP BOARD TOP AND BOTTOM



- HARDI BOARD AND BATTEN SYSTEM
- SURE CAVITY SC5016 19/32 DRAINAGE MAT
- PROSOCO R GUARD LIQUID APPLIED AIR AND WATER BARRIER
- 5/8" LP FLAMEBLOCK SHEATHING
- 6" 16 GA METAL STUD @ 16" O.C. EXTEND TO DECK
- 6" R19 UNFACED FIBERGLASS INSULATION
- 5/8" MRGWB. EXTEND TO DECK

P1 INTERIOR PARTITION

P2 INTERIOR PARTITION

P3 INTERIOR PARTITION

P4 INTERIOR PARTITION

P5 INTERIOR PARTITION

R2 2 HOUR INTERIOR WALL  
INSTALL LPURSUANT TO  
UL #U 419W1 2 HOUR INTERIOR WALL  
INSTALL LPURSUANT TO  
UL #U 419

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REVISIONS :

DRAWN BY : PDP

CHECKED BY : PDP

PROJECT NO. 2412

DATE : 5/7/25

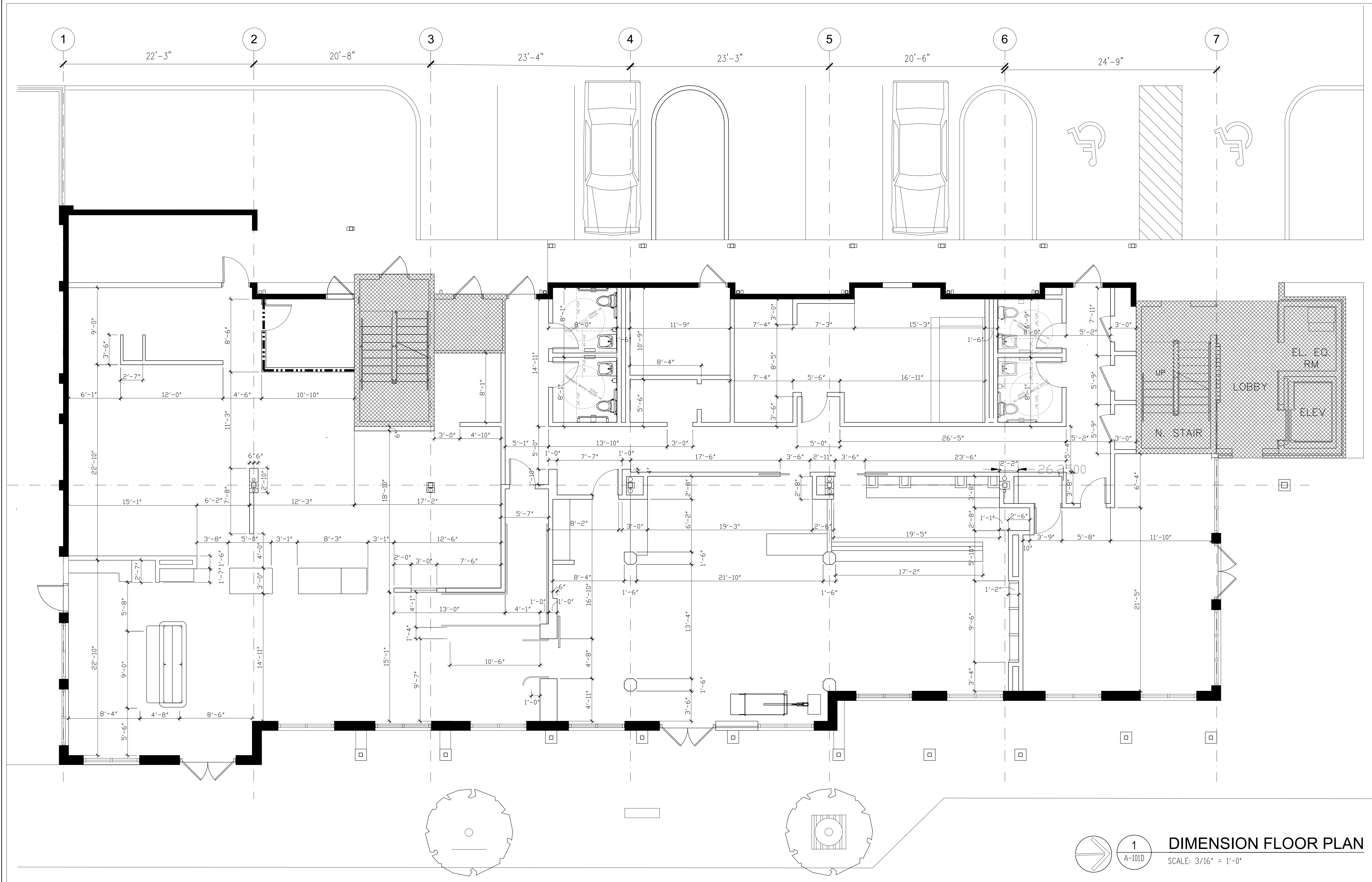
SHEET TITLE :

## DIMENSION PLAN

SHEET NO. :

A-101D

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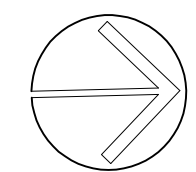
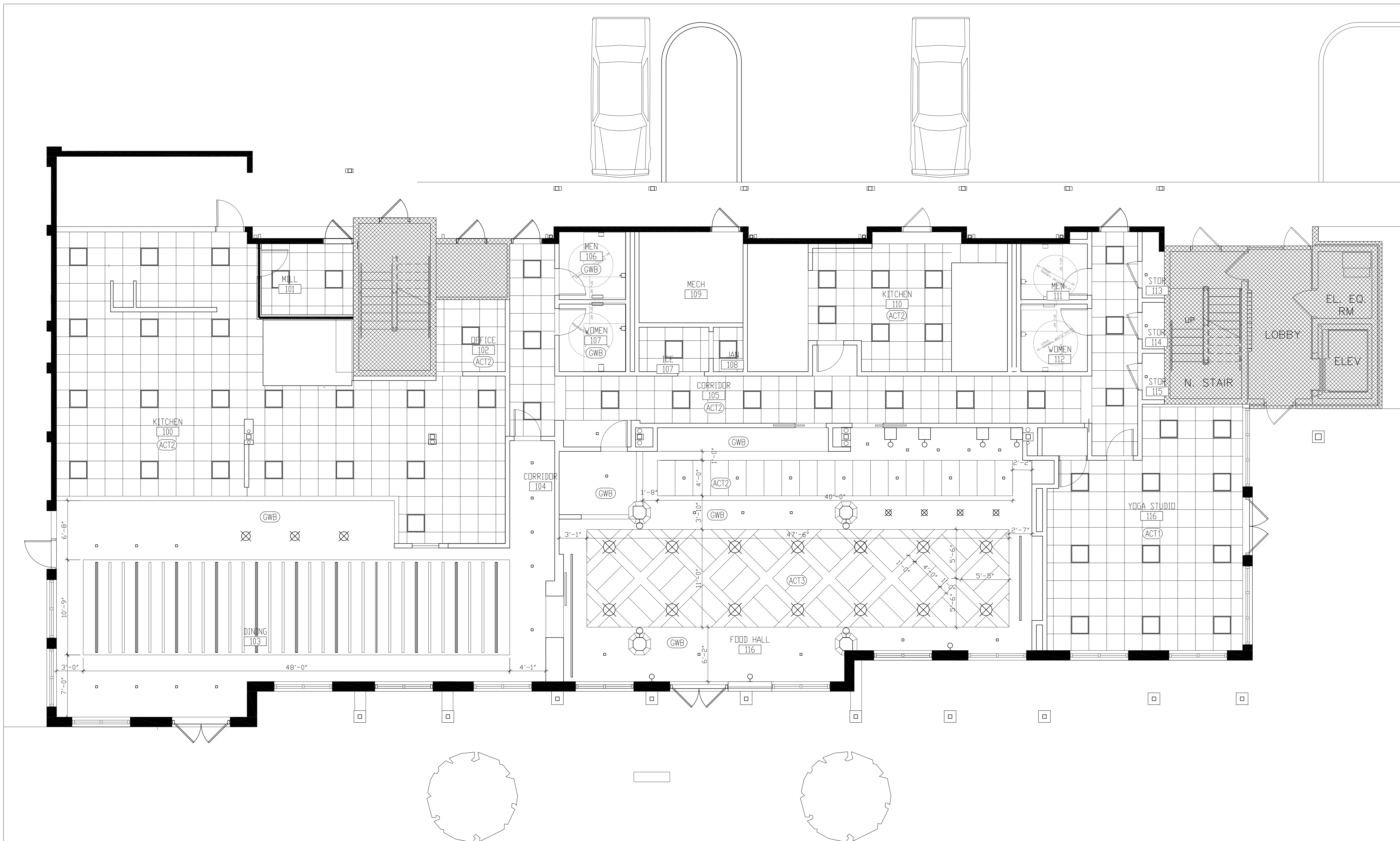
DATE : 5/7/25

SHEET TITLE :  
RCP

SHEET NO. :

A-102

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1

A-101

## REFLECTED CEILING PLAN

SCALE: 3/16" = 1'-0"

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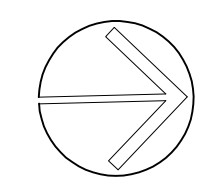
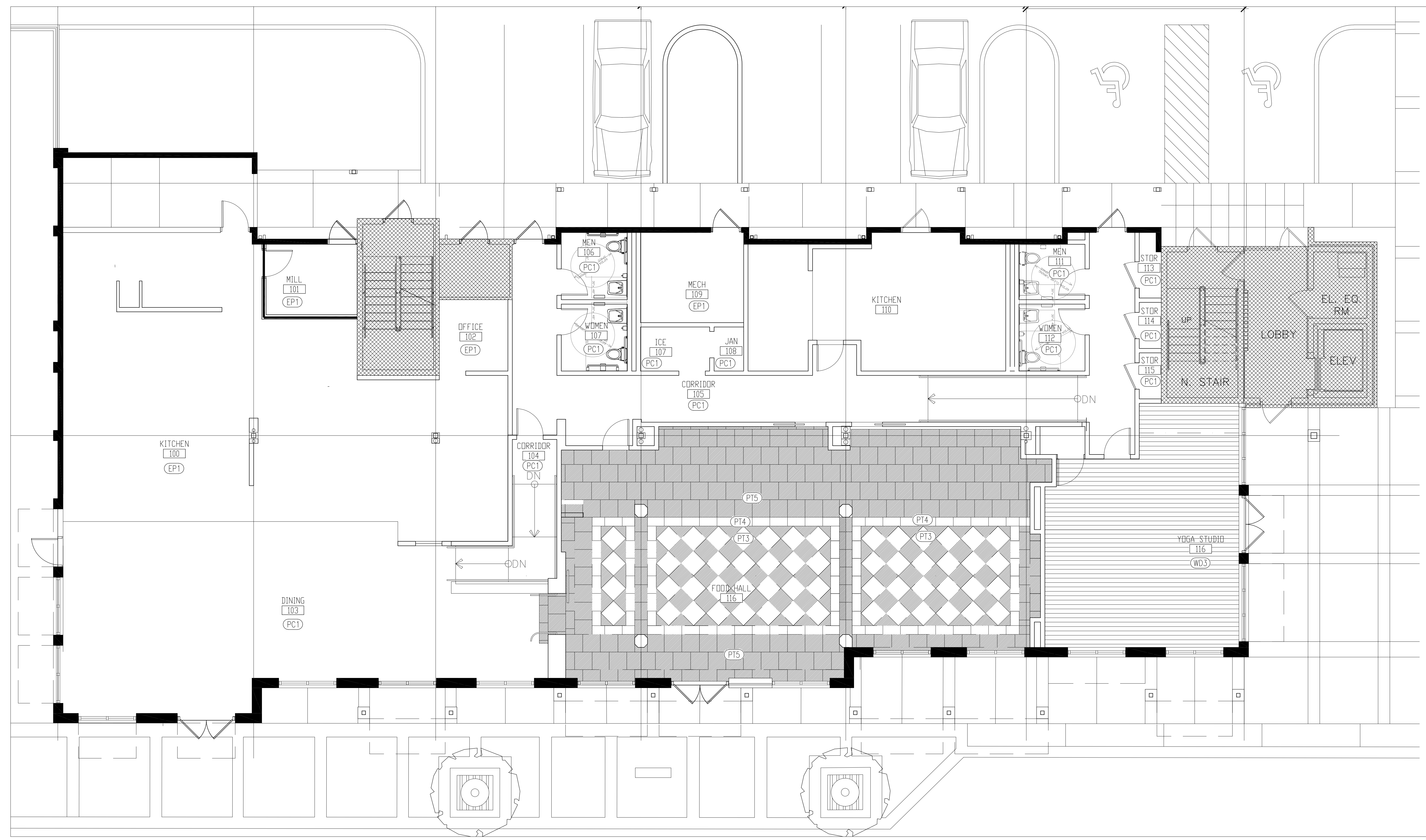
PROJECT NO. 2412

DATE : 5/7/25

SHEET TITLE :  
**FINISH PLAN**

SHEET NO. :

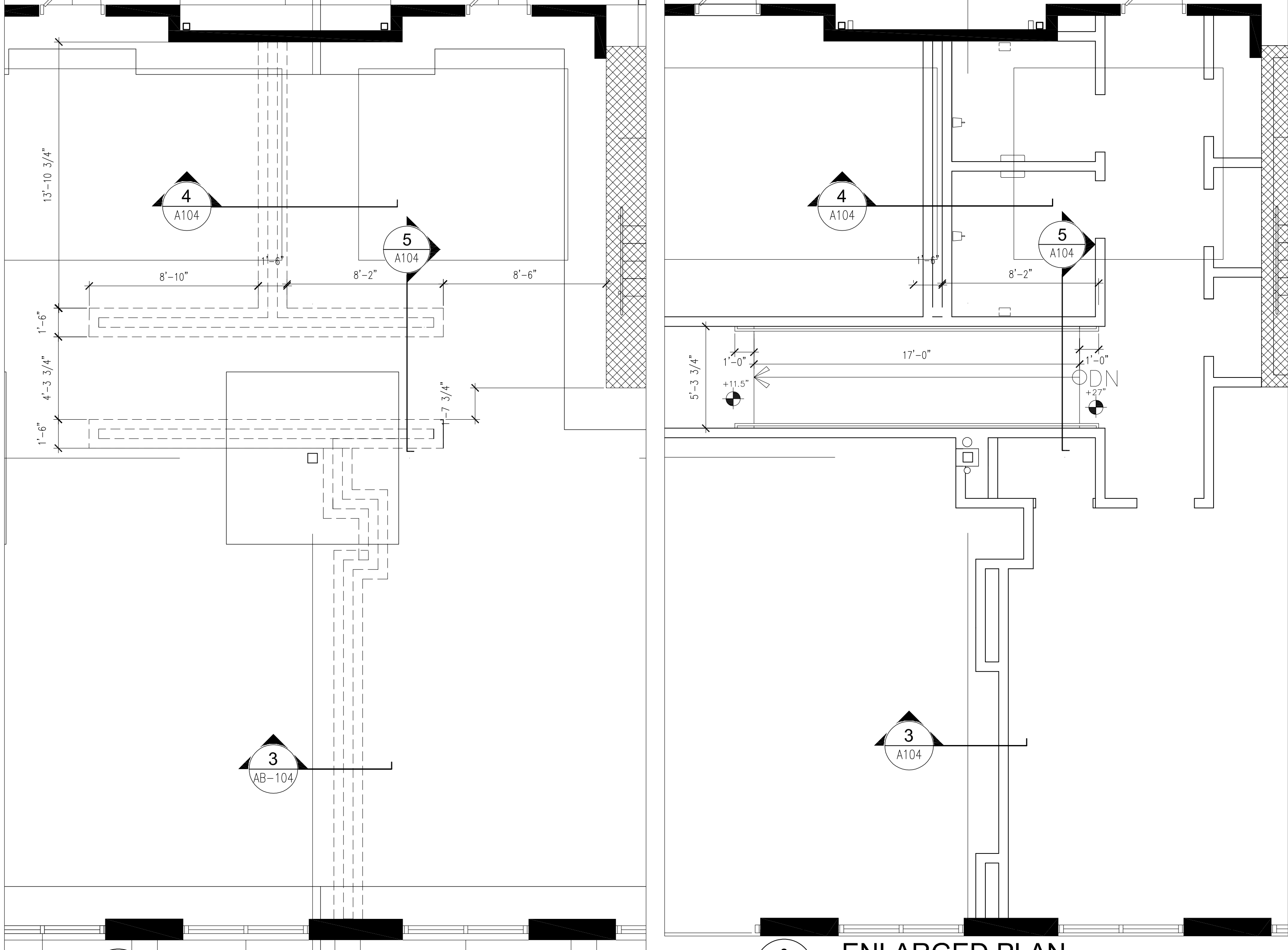
**A-103**



1  
A-103

**FINISH PLAN**

SCALE: 3/16" = 1'-0"

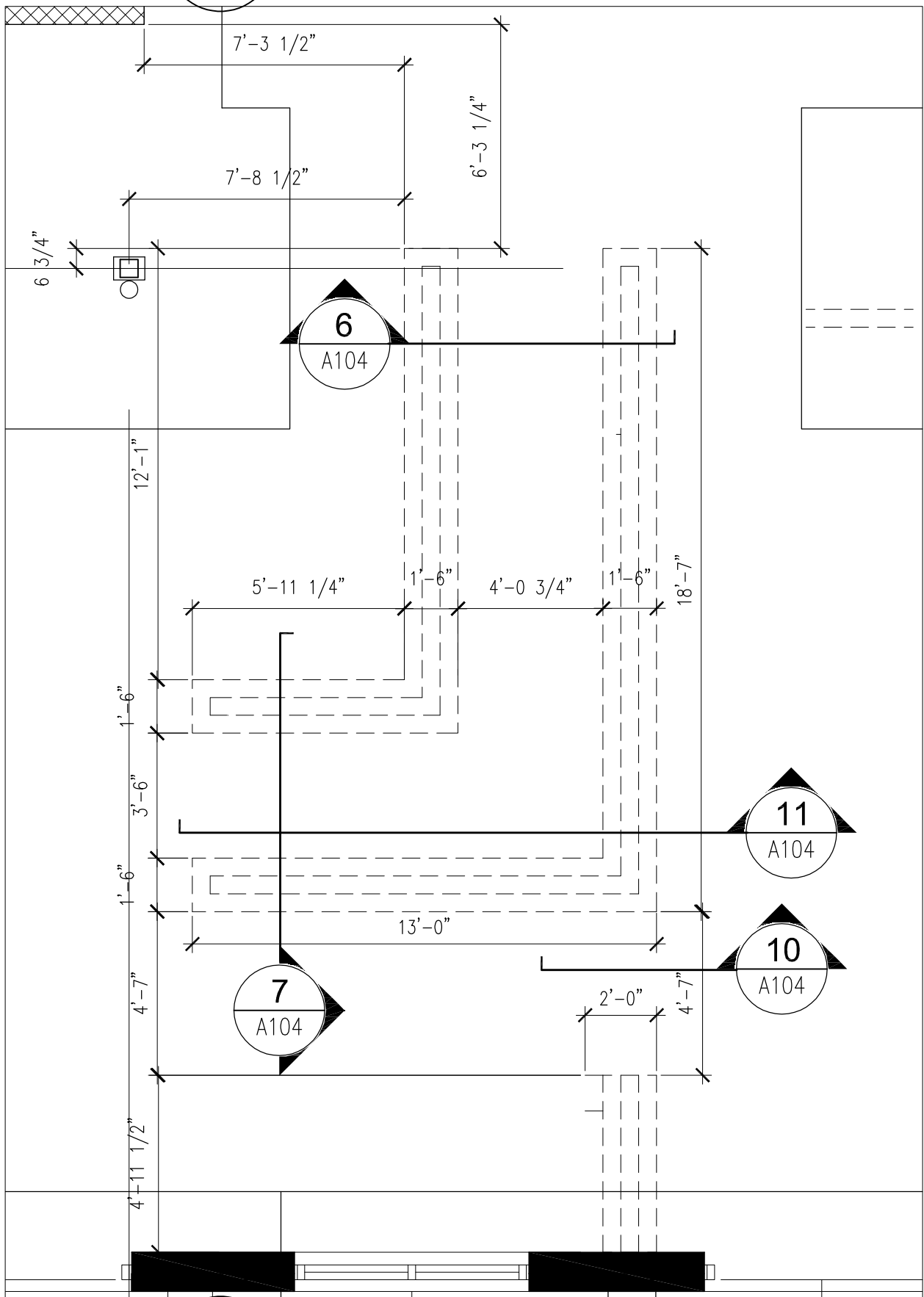


**1 FOUNDATION PLAN**

SCALE: 1/4 = 1'-0"

**2 ENLARGED PLAN**

SCALE: 1/4 = 1'-0"

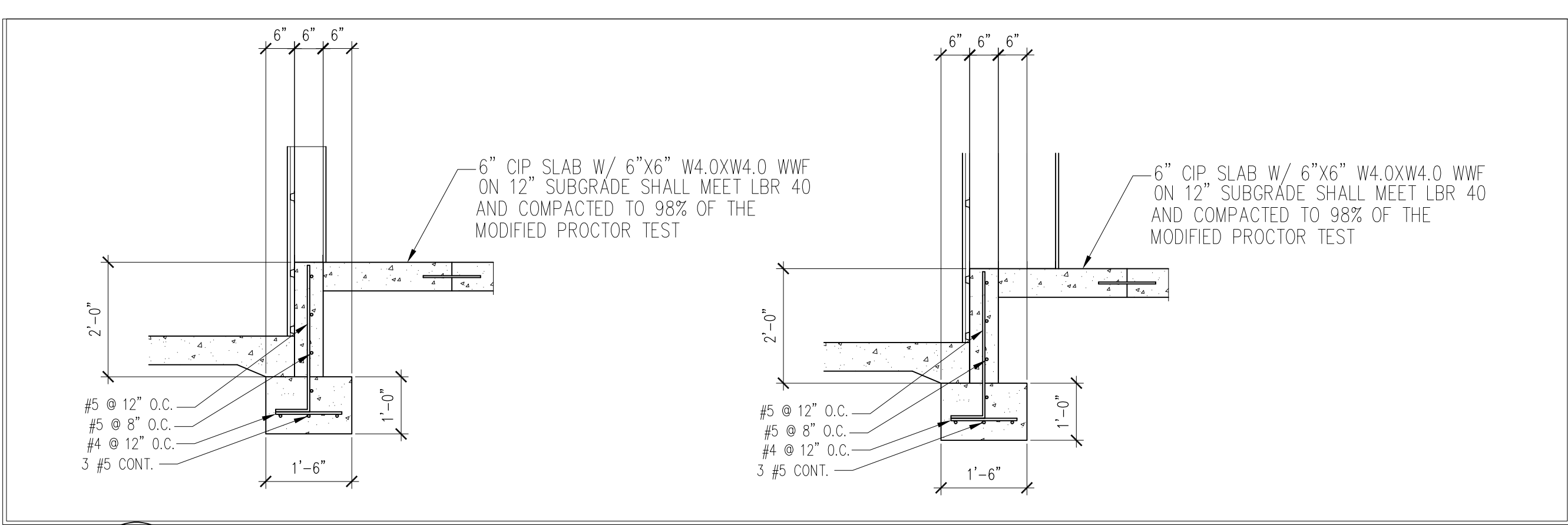


**8 FOUNDATION PLAN**

SCALE: 1/4 = 1'-0"

**9 ENLARGED PLAN**

SCALE: 1/4 = 1'-0"

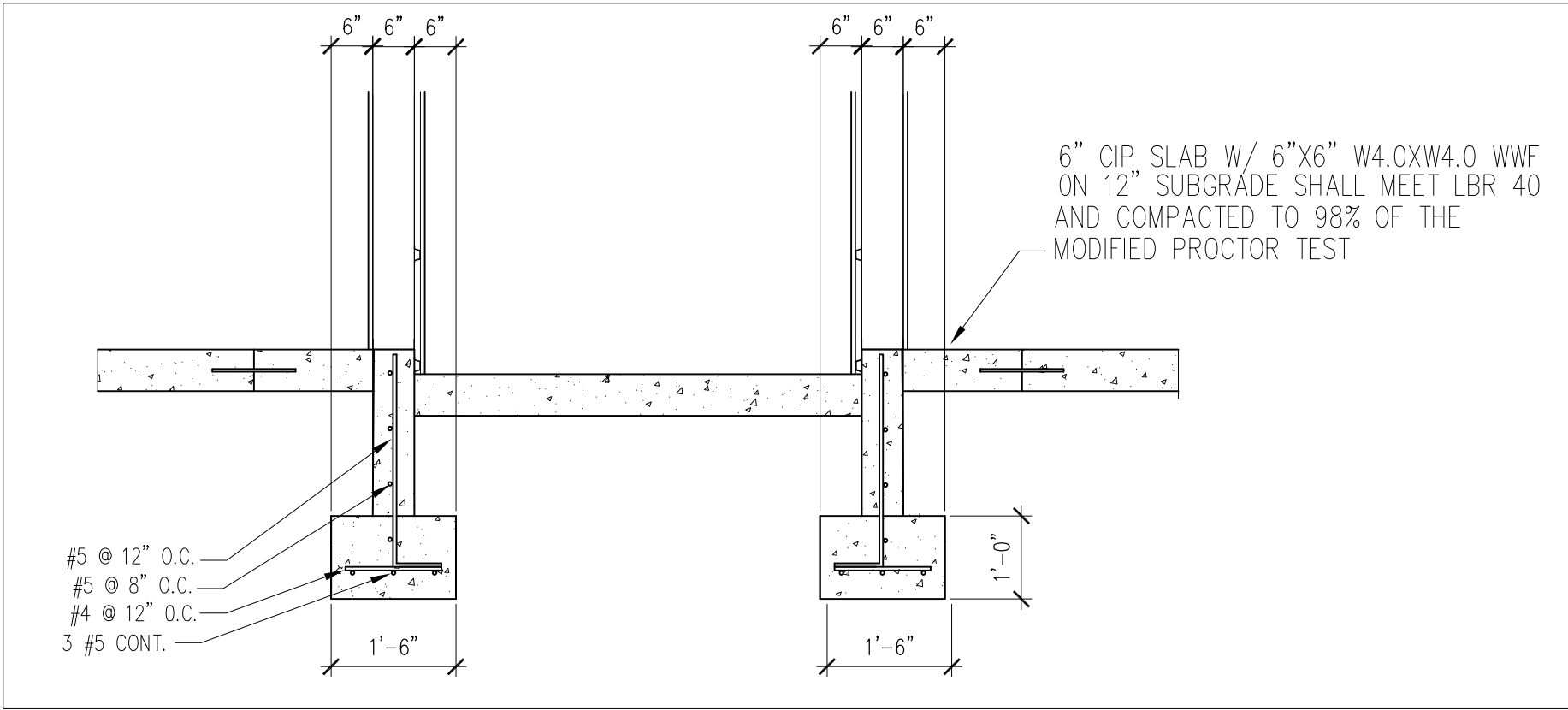


**3 SECTION DETAIL**

SCALE: 1/2 = 1'-0"

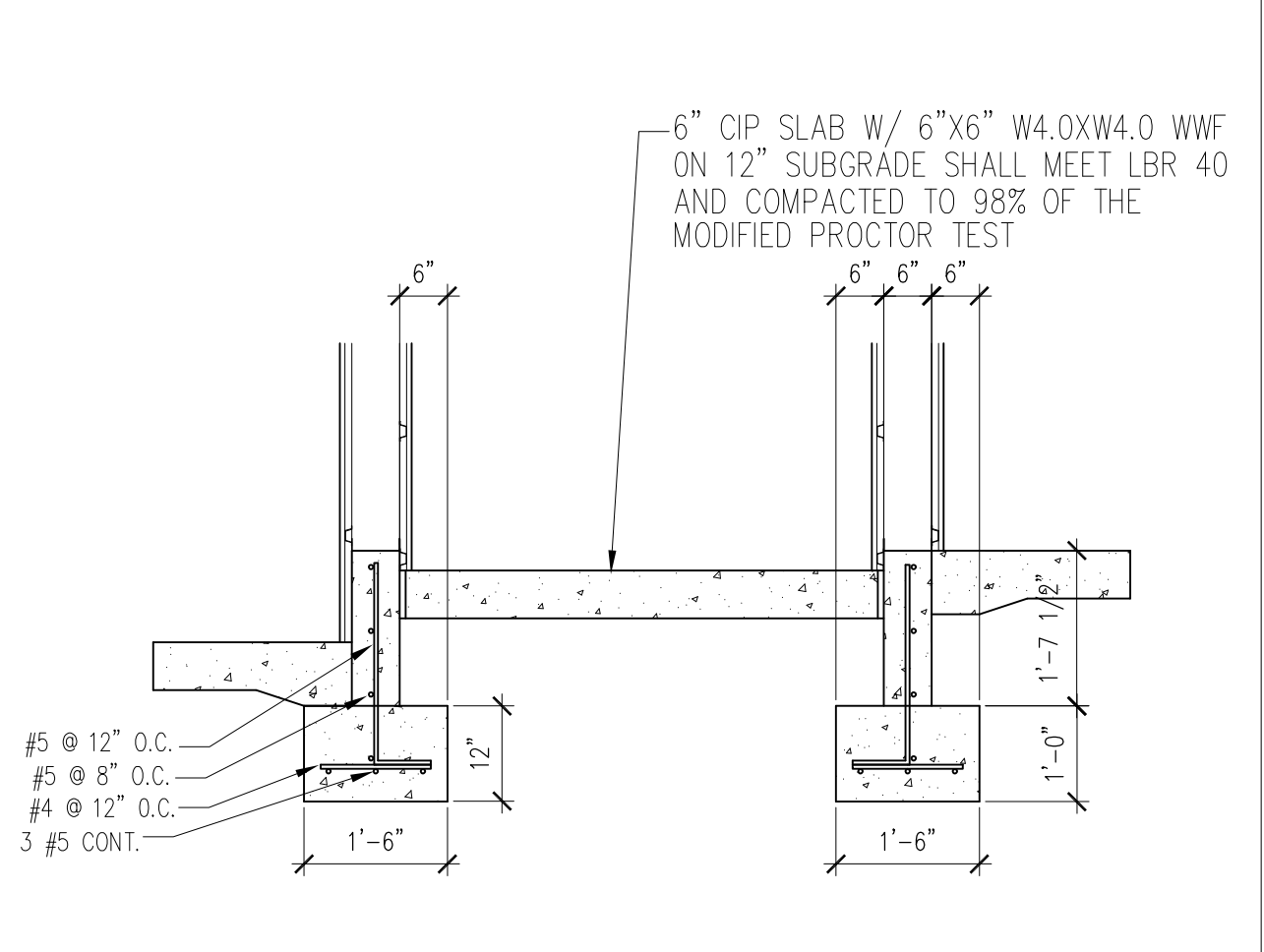
**4 SECTION DETAIL**

SCALE: 1/2 = 1'-0"



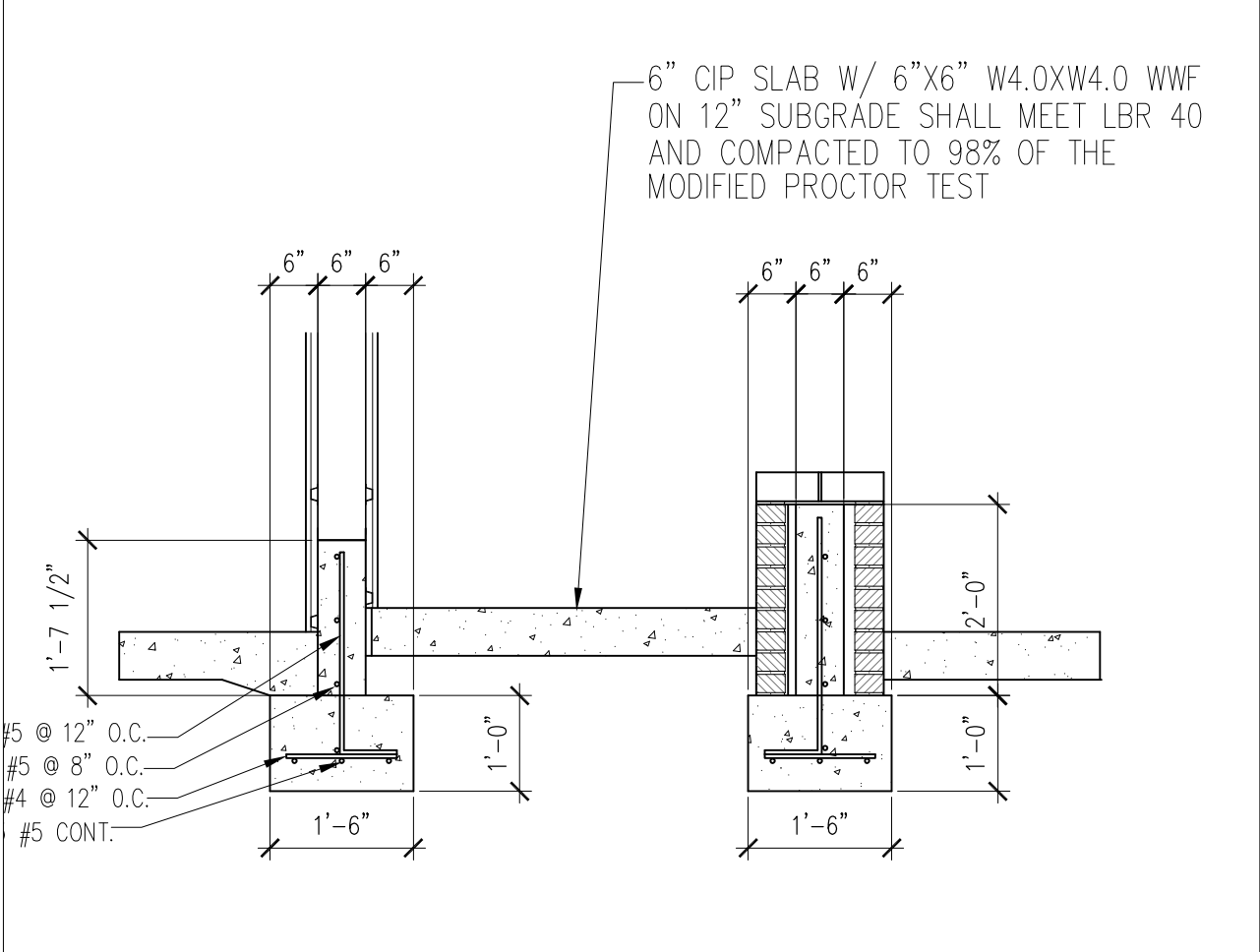
**5 SECTION DETAIL**

SCALE: 1/2 = 1'-0"



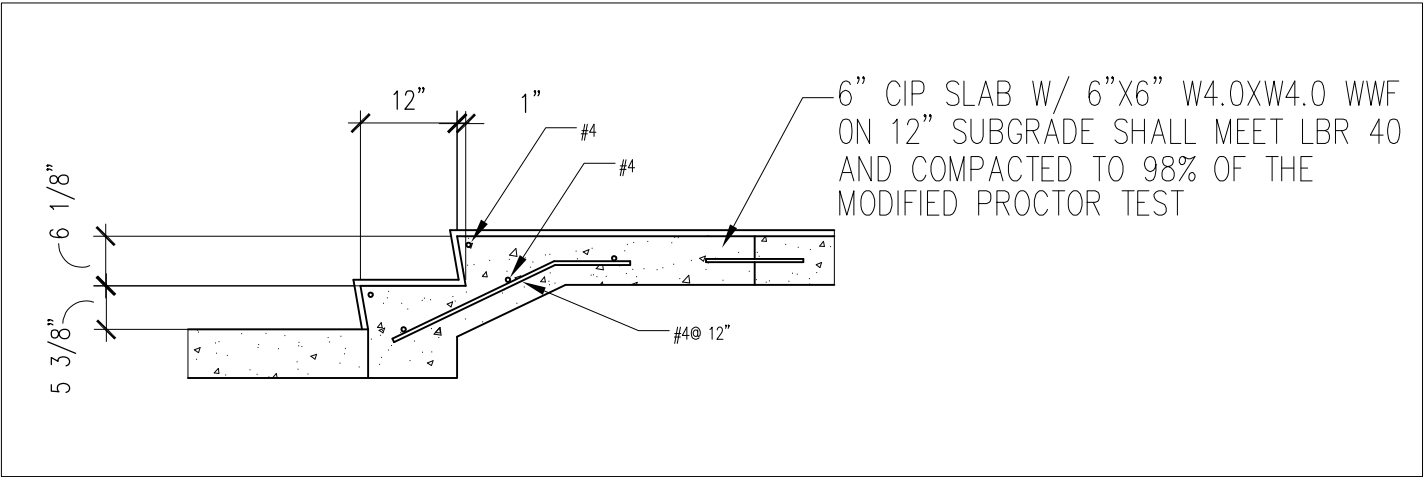
**6 SECTION DETAIL**

SCALE: 1/2 = 1'-0"



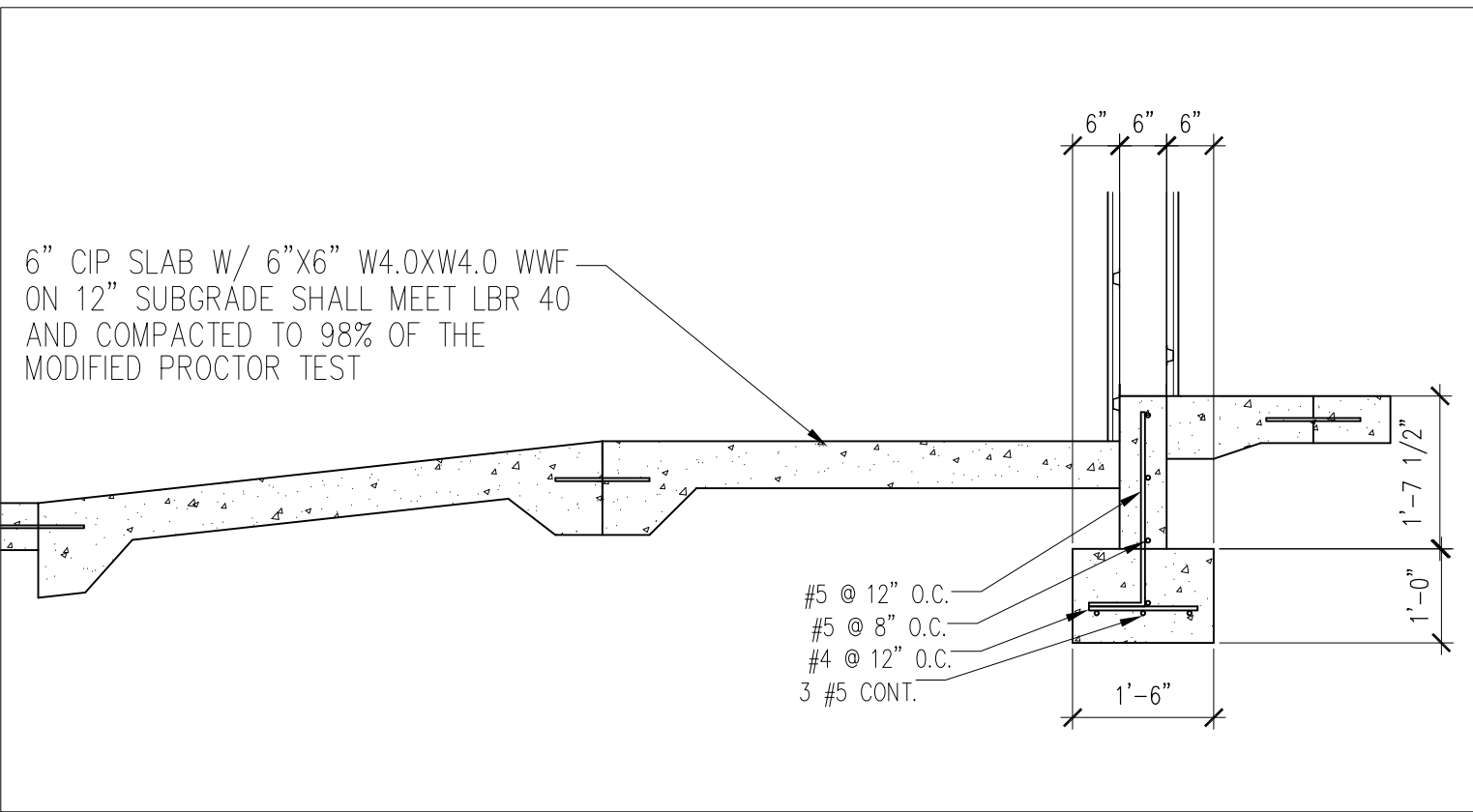
**7 SECTION DETAIL**

SCALE: 1/2 = 1'-0"



**10 SECTION DETAIL**

SCALE: 1/2 = 1'-0"



**11 SECTION DETAIL**

SCALE: 1/2 = 1'-0"

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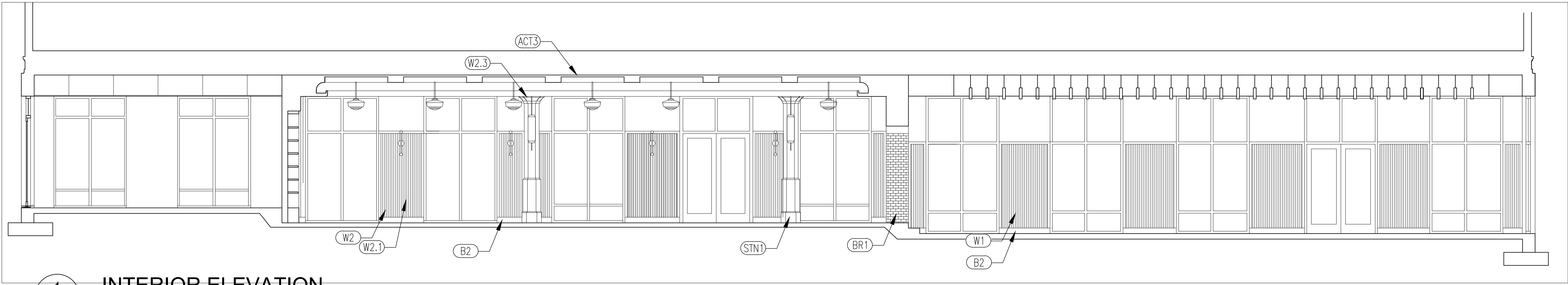
PROJECT NO. 2412

DATE : 5/7/25

SHEET TITLE :  
**RAMPS AND  
STAIRS PLANS  
AND SECTIONS**

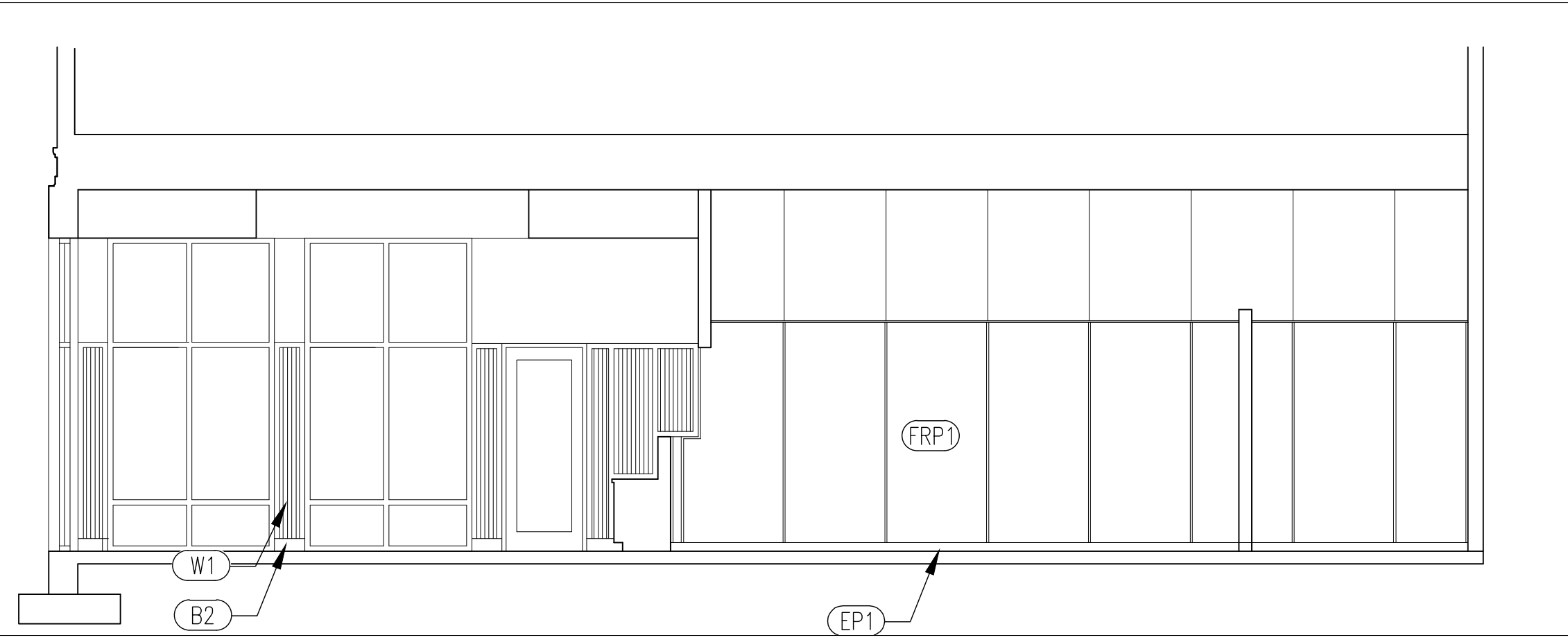
SHEET NO. :

**A-104**



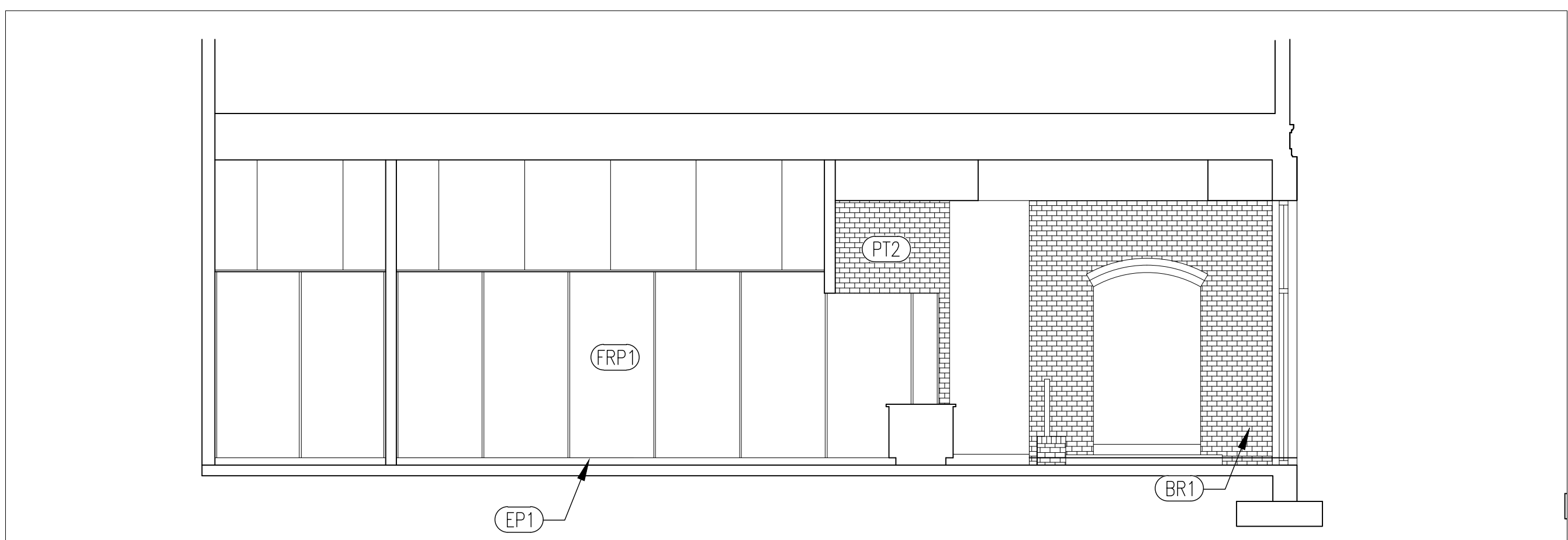
1 INTERIOR ELEVATION

A-200 SCALE: 3/16" = 1'-0"



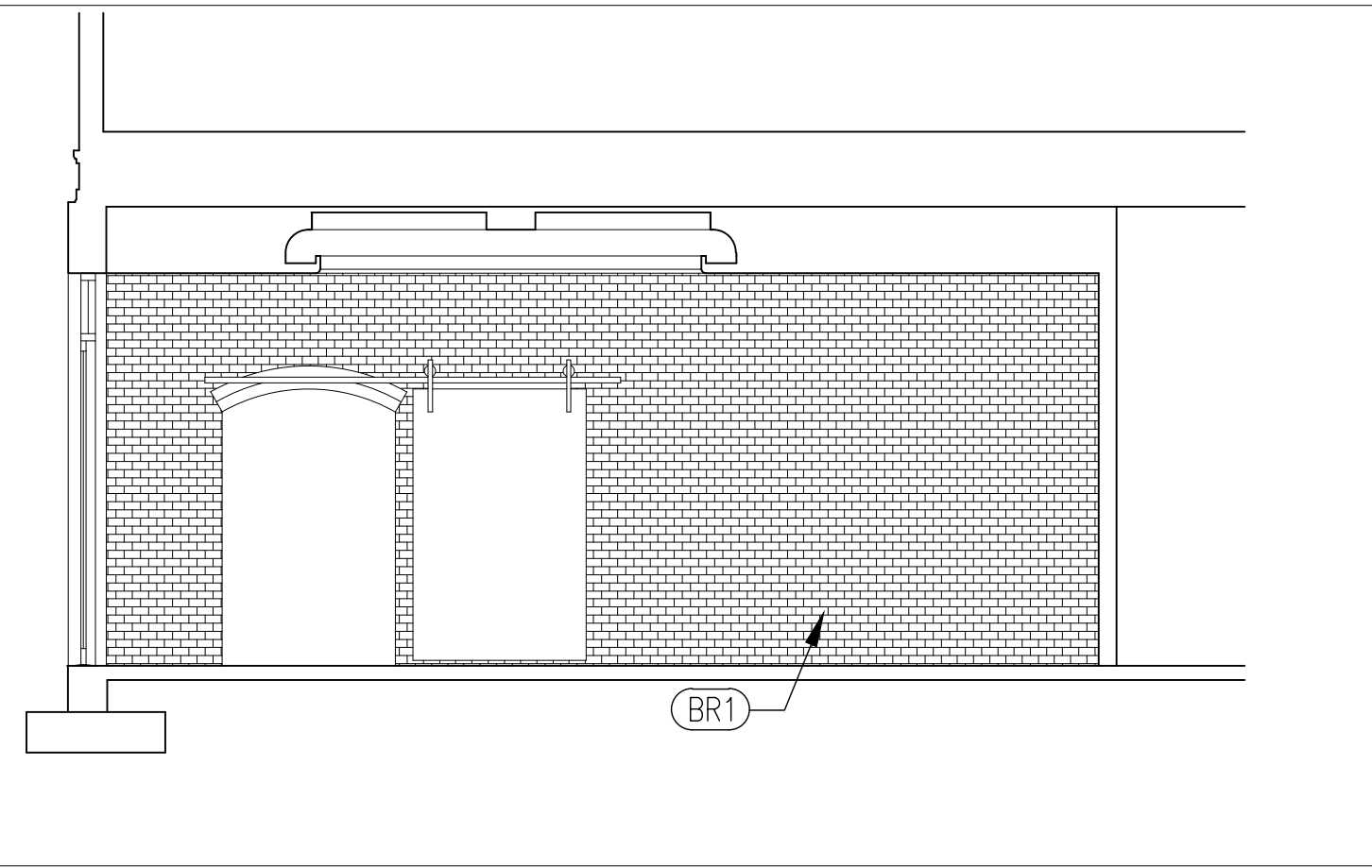
2 INTERIOR ELEVATION

A-200 SCALE: 3/16" = 1'-0"



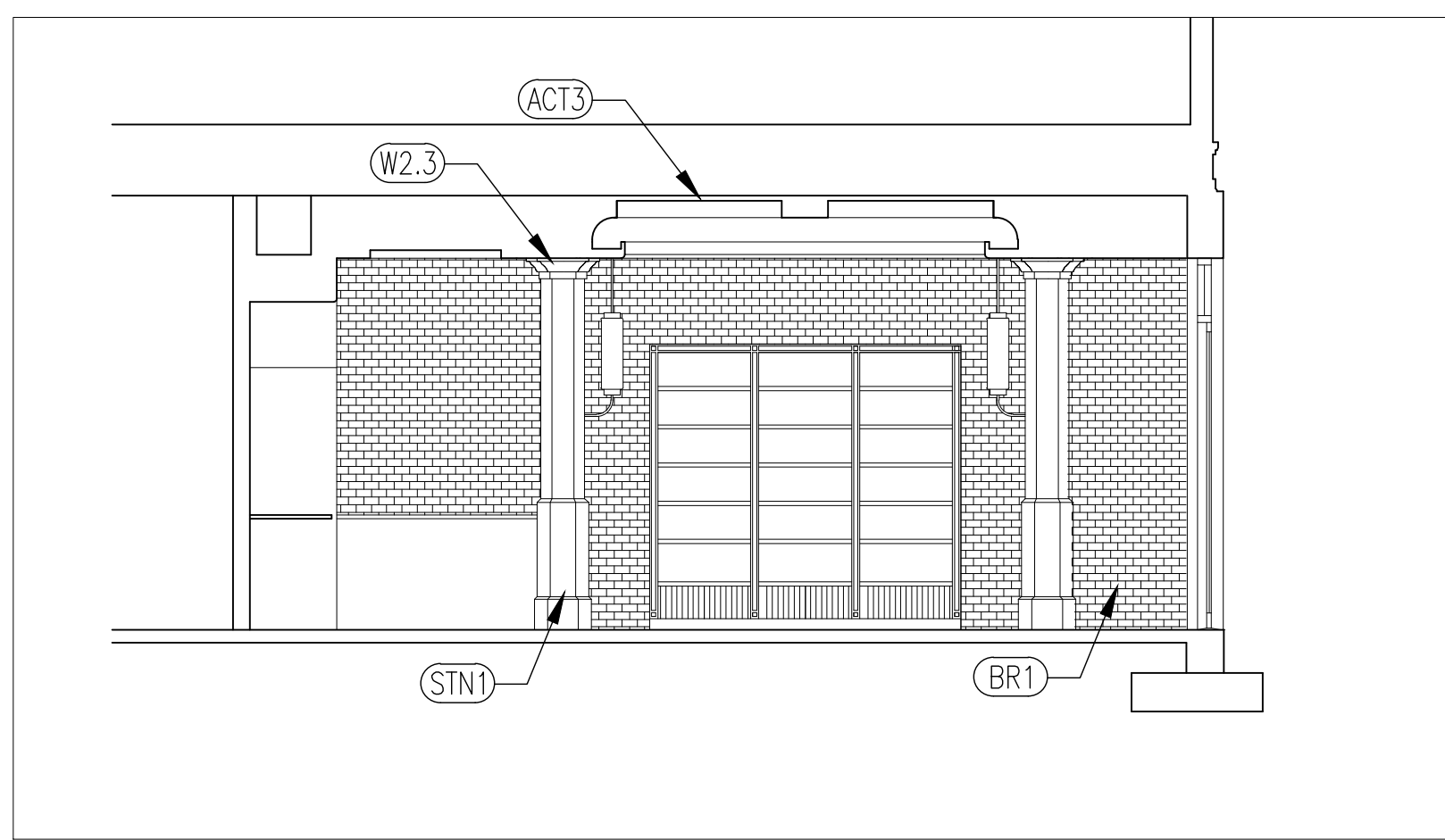
3 INTERIOR ELEVATION

A-200 SCALE: 3/16" = 1'-0"



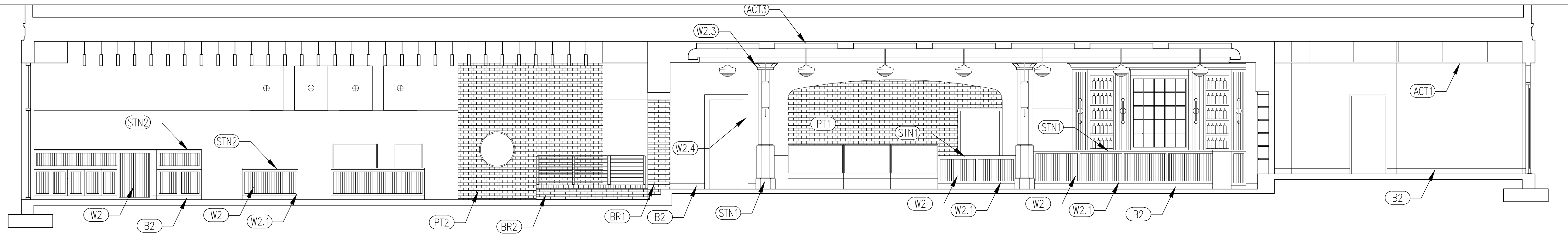
4 INTERIOR ELEVATION

A-200 SCALE: 3/16" = 1'-0"



5 INTERIOR ELEVATION

A-200 SCALE: 3/16" = 1'-0"



6 INTERIOR ELEVATION

A-200 SCALE: 3/16" = 1'-0"

## KEY NOTES

|        |                              |
|--------|------------------------------|
| (B1)   | RUBBER BASE                  |
| (B2)   | WOOD BASE                    |
| (PT-1) | PORCELAN SUBWAY TILE         |
| (PT-2) | PORCELAN SUBWAY TILE         |
| (PT-3) | PORCELAN TILE                |
| (PT-4) | PORCELAN TILE                |
| (PT-5) | PORCELAN TILE                |
| (PT-6) | PORCELAN TILE                |
| (PC-1) | POLISHED CONCRETE            |
| (EP-1) | EPOXY FLOORING AND COVE BASE |
| (FRP1) | FRP WALL PANEL               |
| (FRP2) | FRP WALL PANEL               |
| (FRP3) | FRP WALL PANEL               |
| (BR-1) | THIN BRICK                   |
| (P-1)  | PAINT                        |
| (P-2)  | PAINT                        |
| (P-3)  | PAINT                        |
| (W1)   | ACOUSTIC WOOD PANEL          |
| (W2)   | BEAD BOARD                   |
| (W2.1) | BEAD BOARD TRIM 1X3          |
| (W2.3) | CROWN MOLDING                |
| (W3)   | ENGINEERED WOOD FLOORING     |
| (STN1) | QUARTZ-1.25"                 |
| (STN2) | QUARTZ-1.25"                 |
| (ACT1) | ACOUSTICAL CEILING TILE      |
| (ACT2) | ACOUSTICAL CEILING TILE      |

NOTE: SEE A-800 FOR DESCRIPTIONS

smp.

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205 E INDEPENDENCIA STREET  
PENSACOLA, FLORIDA 32502  
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DATE : 5/7/25

SHEET TITLE :

INTERIOR  
ELEVATIONS

SHEET NO. :

A-200

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DATE : 5/7/25

SHEET TITLE :

East  
ELEVATION

SHEET NO. :

A-201



EAST ELEVATION – VIEW FROM DEVILLERS STREET

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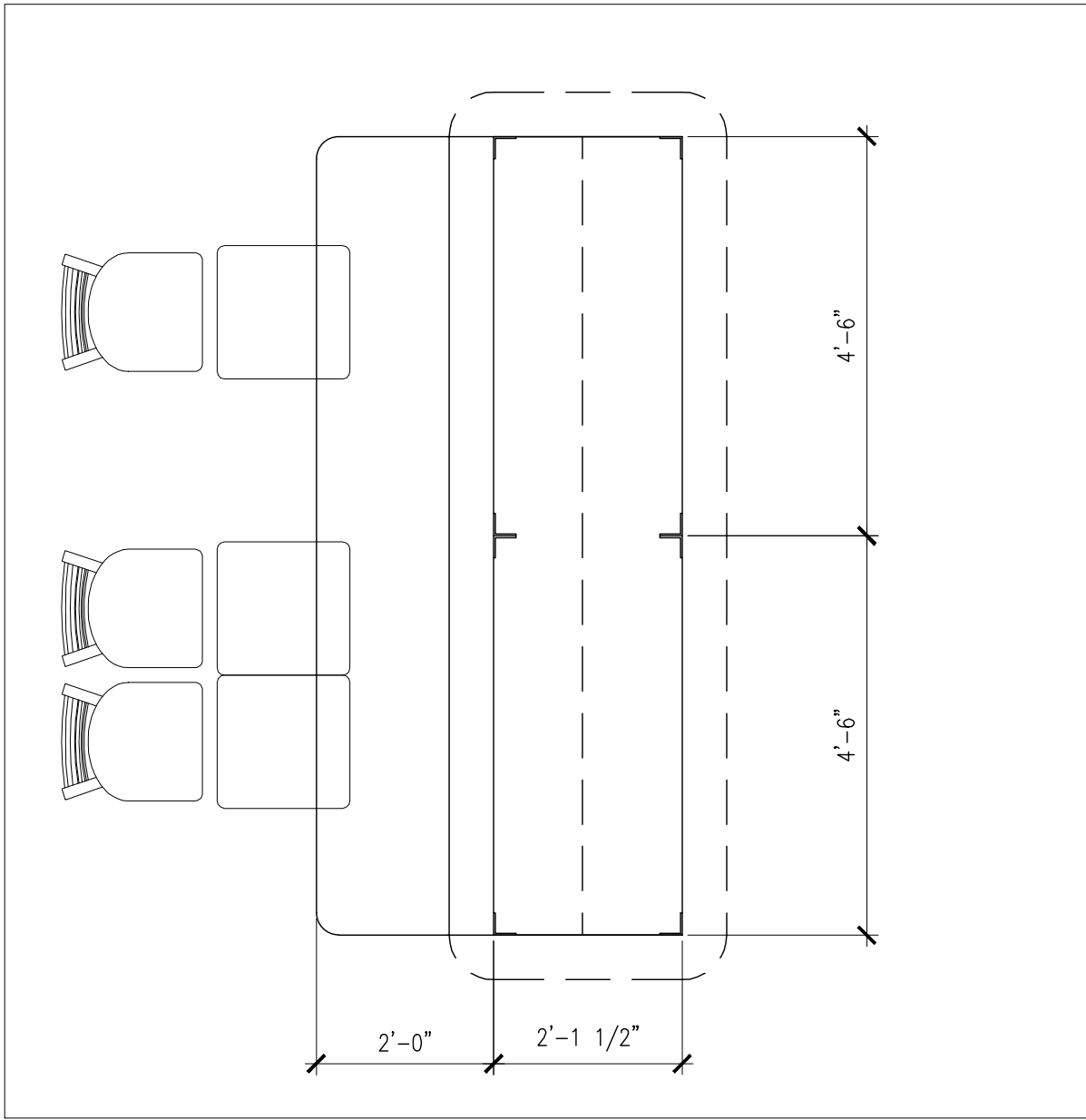
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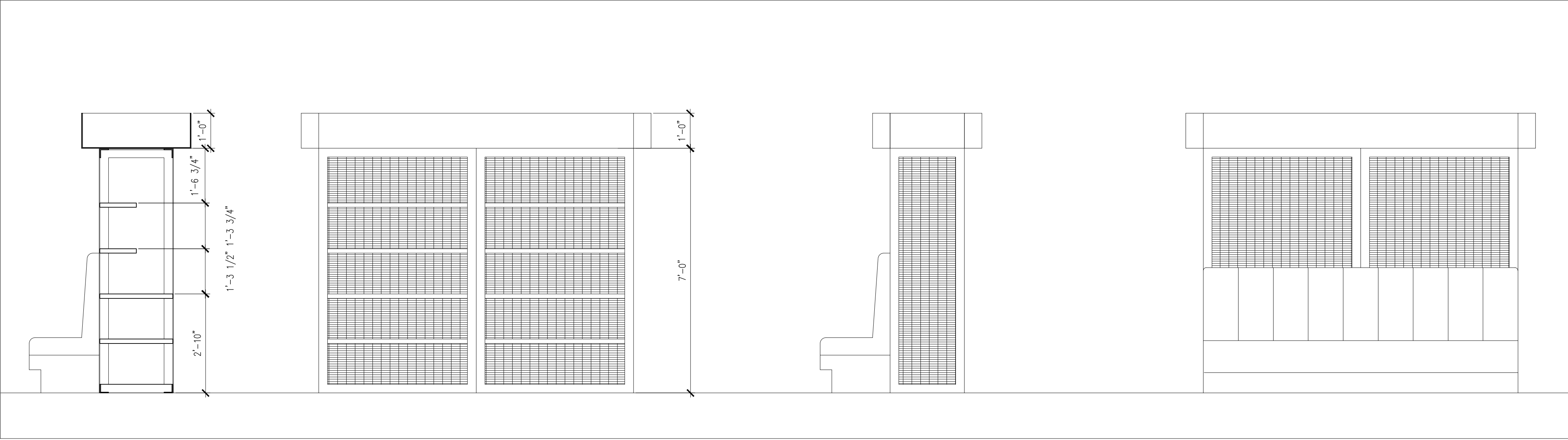
SHEET TITLE :  
CASE WORK  
PLANS AND  
ELEVATIONS

SHEET NO. :

A-300



1 CASEWORK PLAN  
A-300 SCALE: 1/2" = 1'-0"

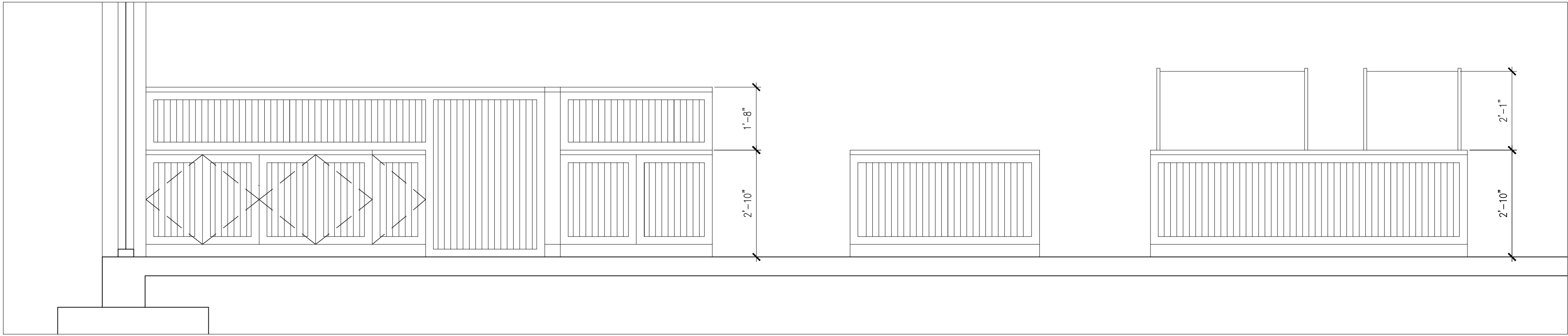


2 CASEWORK SECTION  
A-300 SCALE: 1/2" = 1'-0"

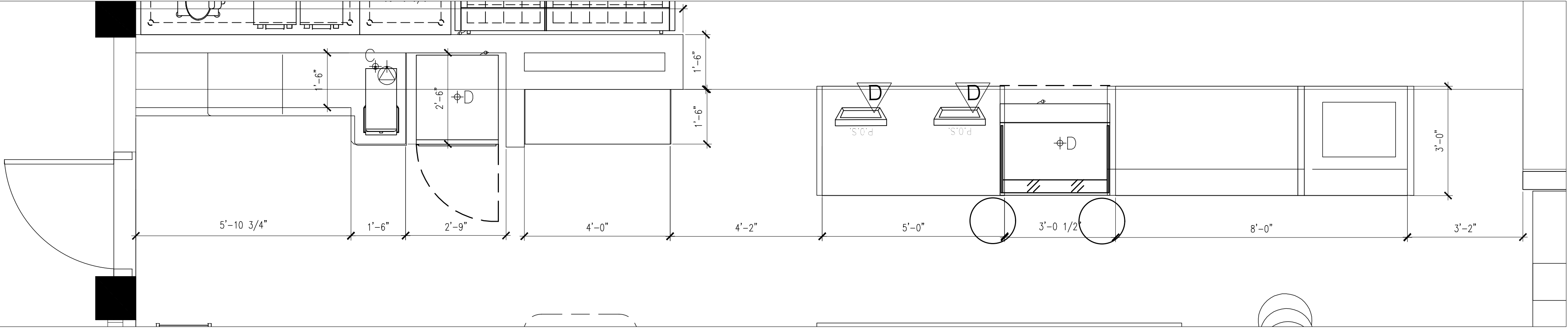
3 CASEWORK ELEVATION  
A-300 SCALE: 1/2" = 1'-0"

4 CASEWORK ELEVATION  
A-300 SCALE: 1/2" = 1'-0"

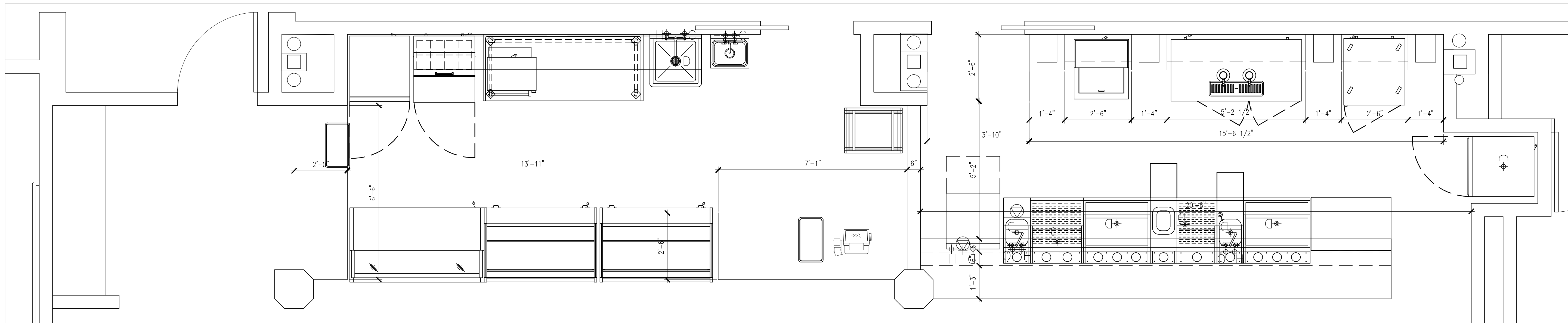
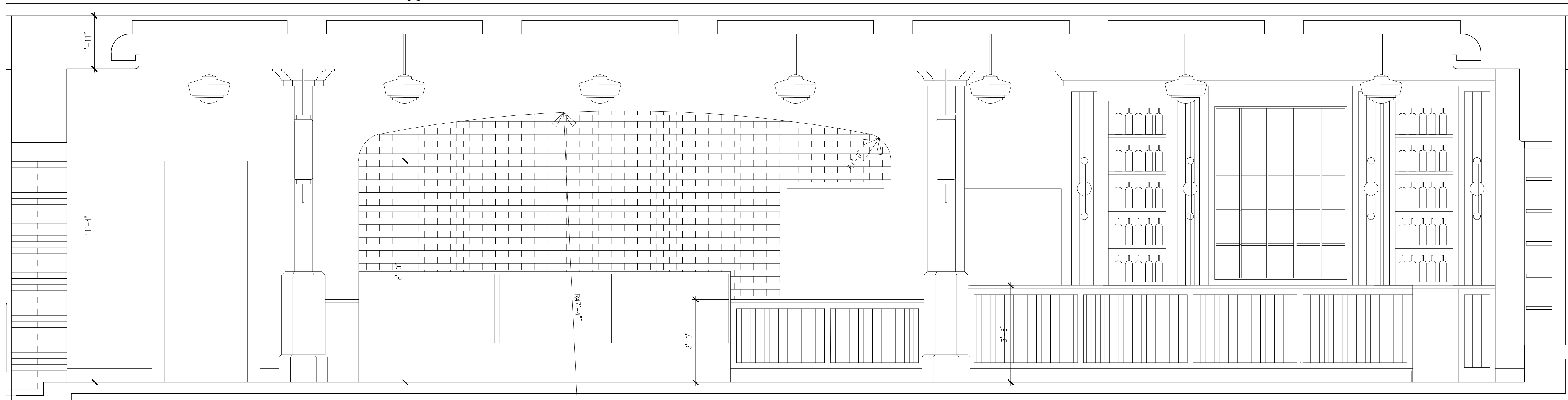
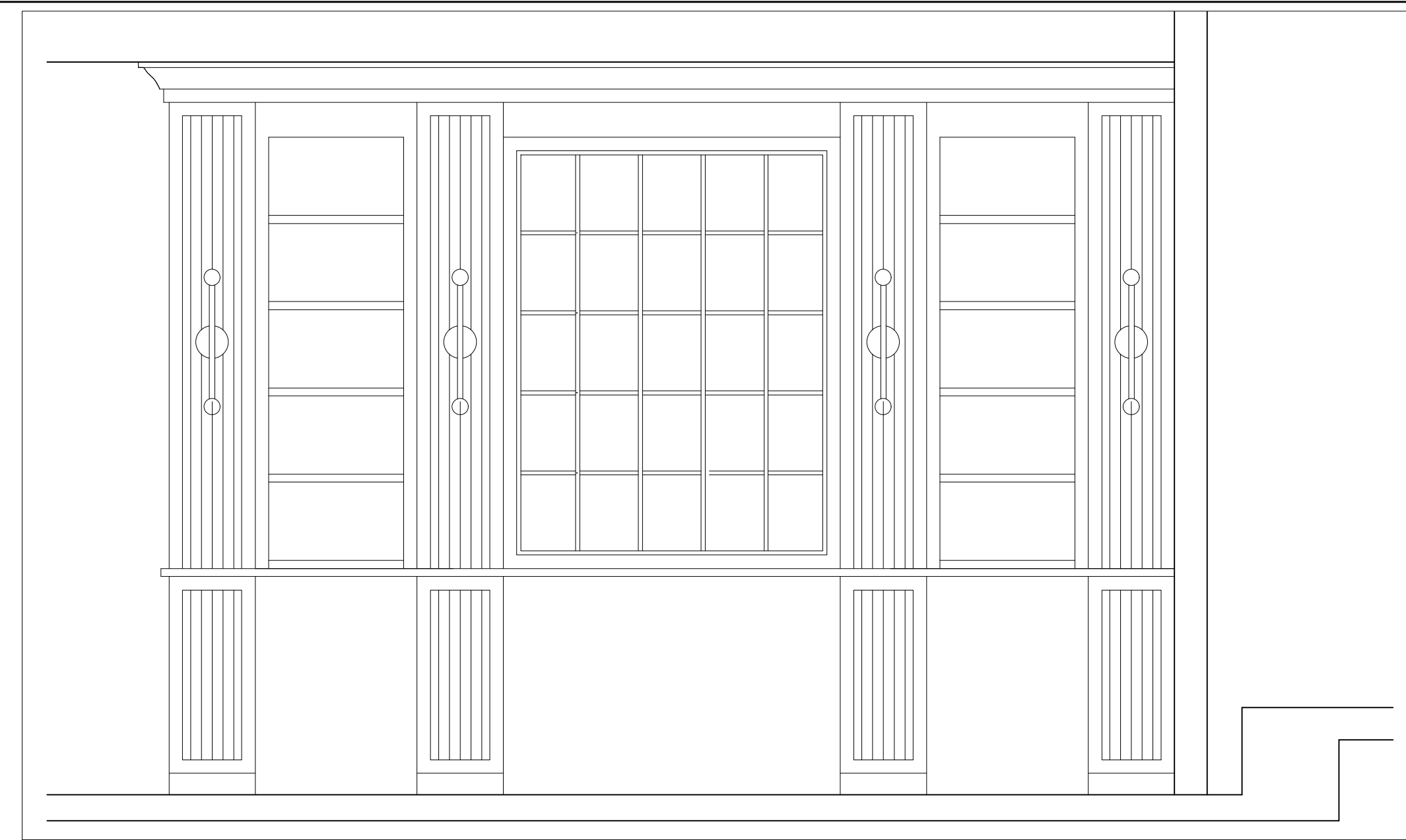
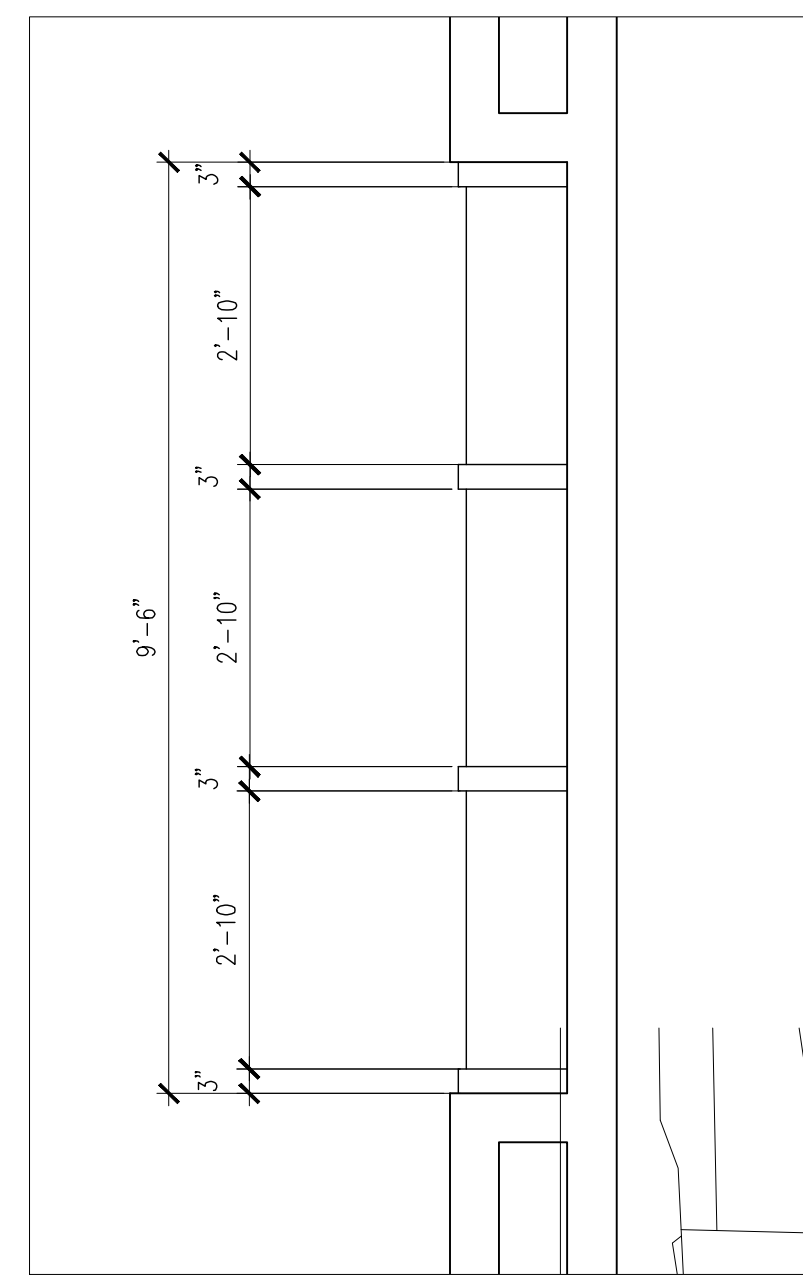
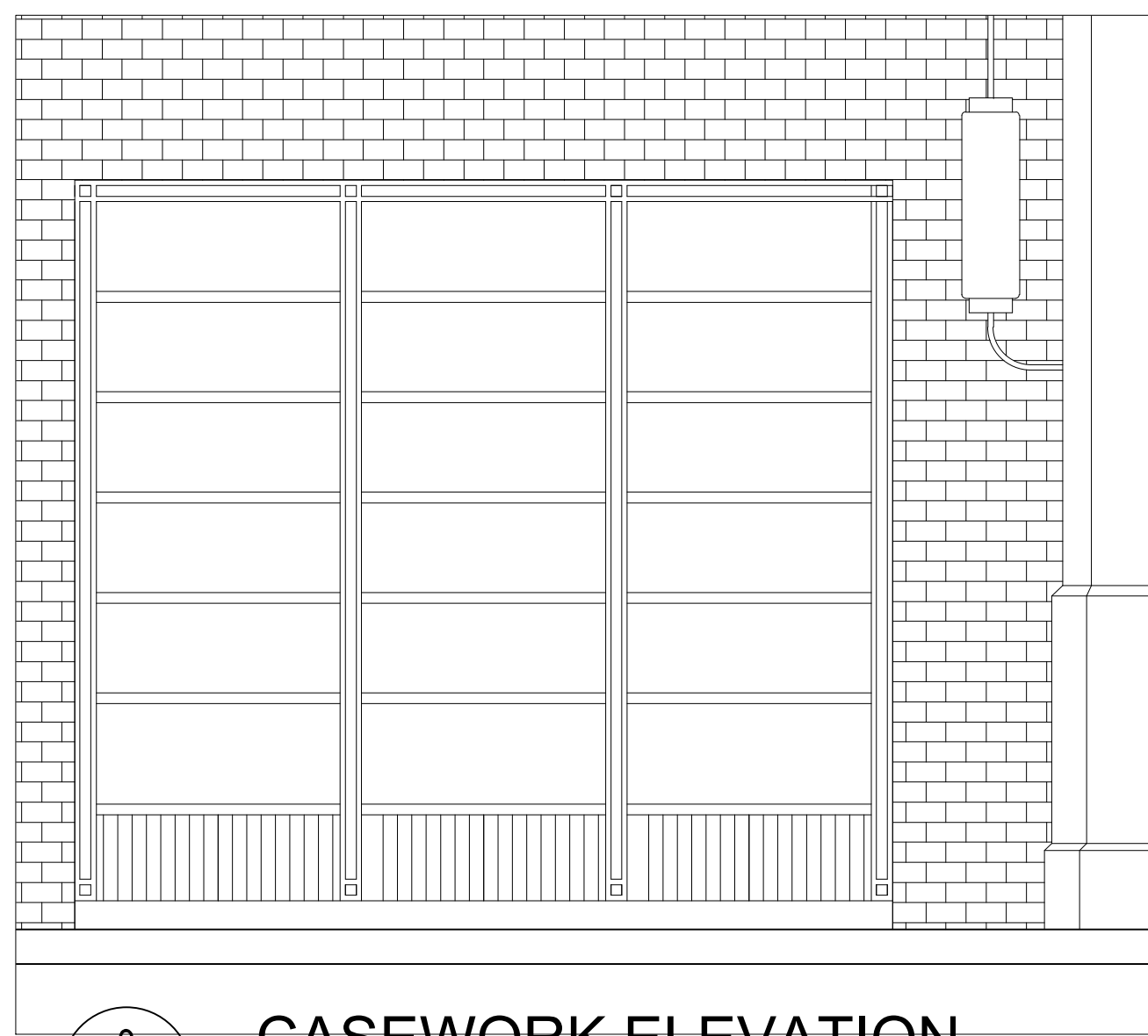
5 CASEWORK ELEVATION  
A-300 SCALE: 1/2" = 1'-0"



6 CASEWORK ELEVATION  
A-300 SCALE: 1/2" = 1'-0"



7 CASEWORK ELEVATION  
A-300 SCALE: 1/2" = 1'-0"

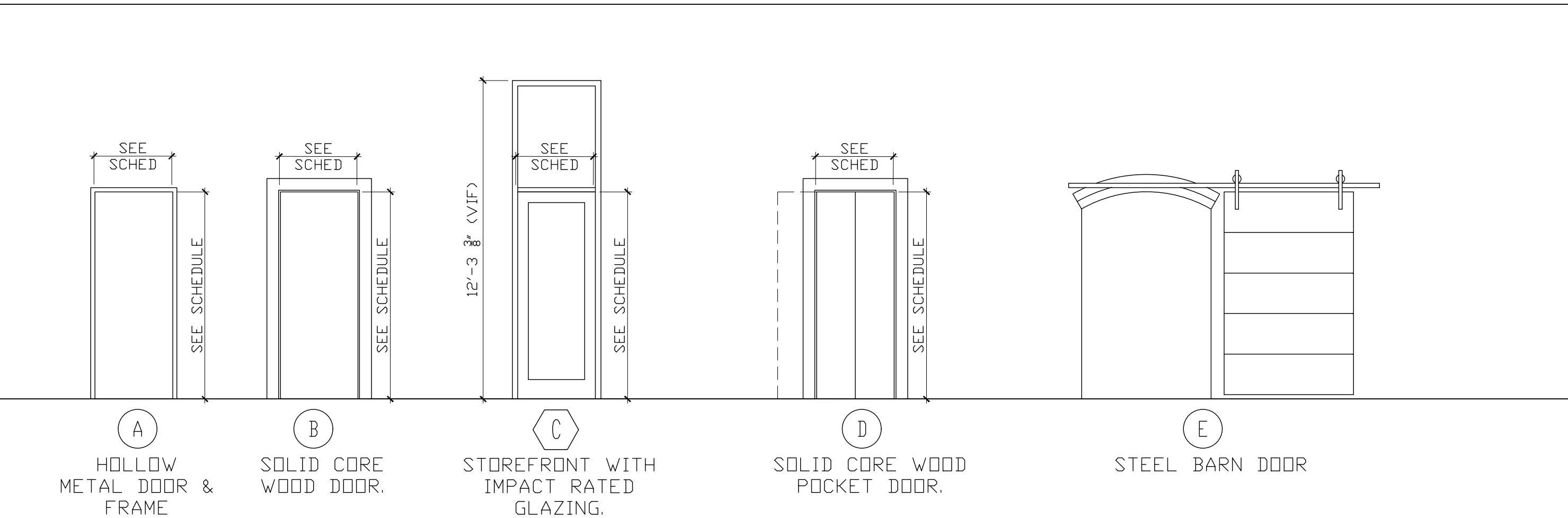


| Door Schedule |               |       |      |          |        |        |         |          |         |         |             |               | ABBREVIATIONS LEGEND |         |  |
|---------------|---------------|-------|------|----------|--------|--------|---------|----------|---------|---------|-------------|---------------|----------------------|---------|--|
| Door          |               |       |      |          |        |        |         | Frame    |         |         | Fire Rating | Impact Rating | H'dware Set No.      |         |  |
| Mark          | Location      | Type  | Mat. | Width    | Height | Thick. | Finish  | Material | Finish  | Glazing |             |               |                      | Remarks |  |
|               |               |       |      |          |        |        |         |          |         |         |             |               |                      |         |  |
| 100           | KITCHEN 100   | A     | HM   | 3'-0"    | 7'-0"  | –      | PAINTED | HM       | PAINTED |         |             | YES           |                      |         |  |
| 101           | MILL 101      | A     | HM   | 3'-0"    | 7'-0"  | –      | PAINTED | HM       | PAINTED |         | 1.5 HR      |               |                      |         |  |
| 103A          | DINING 103    | EXIST | ALUM | PR 3'-0" | 8'-0"  | –      | PRE FIN | EXIST    | PRE FIN |         |             | YES           |                      |         |  |
| 103B          | DINING 103    | C     | ALUM | 3'-0"    | 8'-0"  | –      | PRE FIN | ALUM     | PRE FIN |         |             | YES           |                      |         |  |
| 104           | CORRIDOR 104  | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 105A          | CORRIDOR 104  | EXIST | HM   | 3'-0"    | 7'-0"  | –      | PAINTED | WOOD     | PAINTED |         |             |               |                      |         |  |
| 105A          | CORRIDOR 104  | EXIST | HM   | 3'-0"    | 7'-0"  | –      | PAINTED | WOOD     | PAINTED |         |             |               |                      |         |  |
| 106           | MEN           | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 107           | WOMEN         | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 108           | JAN           | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 109           | MECH          | EXIST | HM   | 3'-0"    | 7'-0"  | –      | PAINTED | WOOD     | PAINTED |         |             |               |                      |         |  |
| 110           | KITCHEN       | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 111           | MEN           | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 112           | WOMEN         | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 113           | STOR          | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 114           | STOR          | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 115           | STOR          | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 116A          | FOOD HALL 116 | EXIST | ALUM | PR 3'-0" | 8'-0"  | –      | PRE FIN | EXIST    | PRE FIN |         |             |               |                      |         |  |
| 116B          | FOOD HALL 116 | D     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 116C          | FOOD HALL 116 | D     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 116D          | FOOD HALL 116 | E     | ST   | 5'-4"    | 8'-0"  | –      |         |          |         |         |             |               |                      |         |  |
| 117A          | YOGA STUDIO   | EXIST | ALUM |          |        | –      | PRE FIN | EXIST    | PRE FIN |         |             |               |                      |         |  |
| 117B          | YOGA STUDIO   | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
| 117C          | YOGA STUDIO   | B     | SCWD | 3'-0"    | 8'-0"  | –      | PRE FIN | WOOD     | PAINTED |         |             |               |                      |         |  |
|               |               |       |      |          |        |        |         |          |         |         |             |               |                      |         |  |
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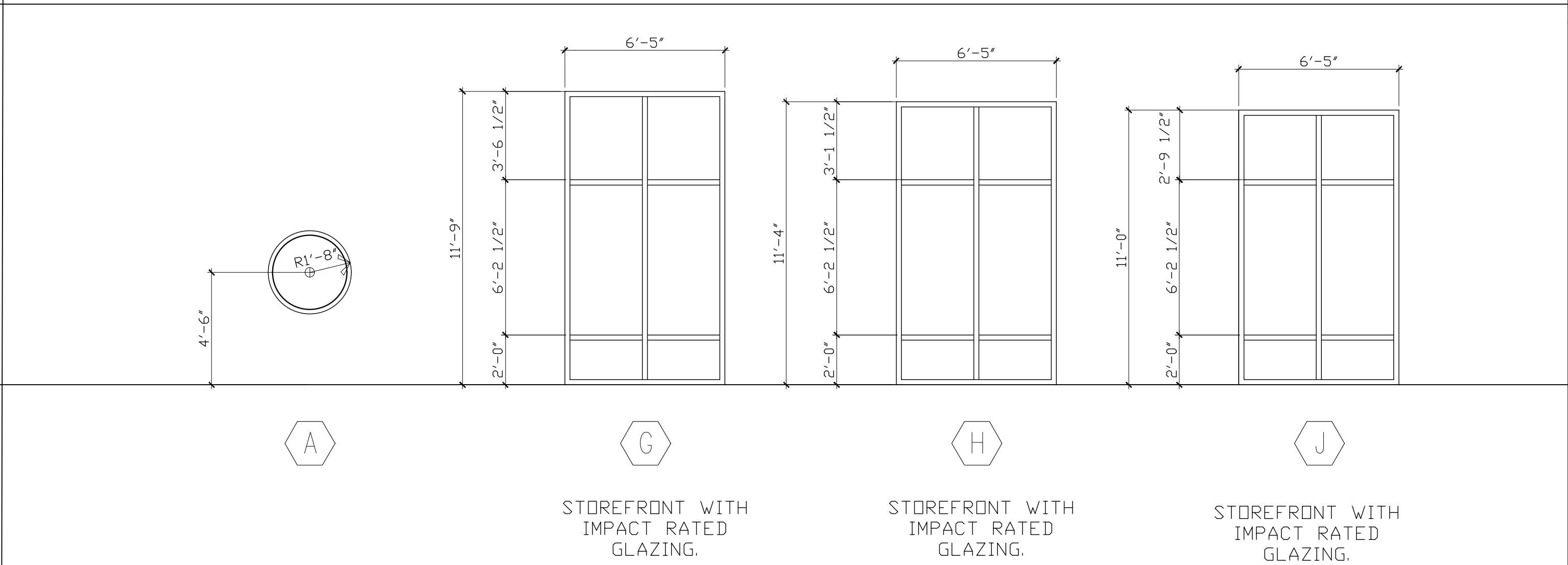
DOOR HARDWARE

| FM-HW-01                                                                           |  |  |  | HARDWARE SET #04 (PROVIDED BY DOOR MANUFACTURER)                                      |  |  |  | HARDWARE SET #06                                |  |  |  | HARDWARE SET #08                                           |  |  |  |
|------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------|--|--|--|------------------------------------------------------------|--|--|--|
| MANUFACTURER- EMTEK                                                                |  |  |  | FM-HW-01A                                                                             |  |  |  | Provide each SGL door(s) with the following:    |  |  |  | Provide each SGL door(s) with the following:               |  |  |  |
| DOOR LEVER-SANDCAST BRONZE MARIPOSA LEVER W/#3 ROSETTE                             |  |  |  | DOOR LEVER-SANDCAST BRONZE MARIPOSA LEVER W/#3 ROSETTE                                |  |  |  | 3 HINGES 5BB1 4.5x4.5 26D IVE                   |  |  |  | 3 HINGES 5BB1 HW 4.5x4.5 26D IVE                           |  |  |  |
| FINISH: FLAT BLACK BRONZE PATINA                                                   |  |  |  | FINISH: FLAT BLACK BRONZE PATINA                                                      |  |  |  | 1 STORAGE LOCKSET ND80TD SPA 26D SCH            |  |  |  | 1 SURFACE CLOSER 4040XP 26D LCN                            |  |  |  |
| PASSAGE SET 7104MAFB                                                               |  |  |  | PRIVACY SET 7204MAFB                                                                  |  |  |  | IVE CLOSER 4040XP 32D SCH                       |  |  |  | 1 STORAGE LOCKSET ND80TD SPA 26D SCH                       |  |  |  |
| HINGES-3 PER DOOR EMTEK 4"x4" SQUARE BARREL HEAVY DUTY HINGES                      |  |  |  | HINGES-3 PER DOOR EMTEK 4"x4" SQUARE BARREL HEAVY DUTY HINGES                         |  |  |  | 1 KICK PLATE 8400 8x34 32D IVE                  |  |  |  | 1 OVERHEAD HOLDER 154F 32D SCH                             |  |  |  |
| -FINISH FLAT BLACK BRONZE PATINA                                                   |  |  |  | -FINISH FLAT BLACK BRONZE PATINA                                                      |  |  |  | 1 KICK PLATE 8400 8x34 32D IVE                  |  |  |  | 1 KICK PLATE 8400 8x34 32D IVE                             |  |  |  |
| FLOOR STOP-1 PER DOOR EMTEK CYLINDER FLOOR BUMPER -FINISH FLAT BLACK BRONZE PATINA |  |  |  | FLOOR STOP-1 PER DOOR EMTEK CYLINDER FLOOR BUMPER -FINISH FLAT BLACK BRONZE PATINA    |  |  |  | 1 WEATHERSTRIP 5050-HEAD & JAMBS NGP            |  |  |  | 1 DOOR SWEEP 381A AL ZER                                   |  |  |  |
| CLOSER-SCHALGE 4040XP -FINISH FLAT BLACK BRONZE PATINA                             |  |  |  |                                                                                       |  |  |  | 1 THRESHOLD 425HD AL NGP                        |  |  |  | 1 WALL STOP WS406/407CCV 32D IVE                           |  |  |  |
|                                                                                    |  |  |  | FM-HW-03                                                                              |  |  |  | Provide each Single door(s) with the following: |  |  |  | HARDWARE SET #09                                           |  |  |  |
|                                                                                    |  |  |  | DOOR PULL@ SLIDING DOORS-SANDCAST RUSTIC MODERN RECTANGULAR DOOR PULLS (BACK TO BACK) |  |  |  | 3 HINGES 5BB1 HW 4.5x4.5 26D IVE                |  |  |  | JOHNSON HEAVY DUTY 6" POCKET DOOR FRAME KIT 2060 SERIES.   |  |  |  |
|                                                                                    |  |  |  | FINISH: FLAT BLACK BRONZE PATINA                                                      |  |  |  | 1 PRIVACY LOCK ND40S SPA 26D SCH                |  |  |  | EMTECK RUSTIC MODERN RECTANGULAR POCKET DOOR MORTISE LATCH |  |  |  |
|                                                                                    |  |  |  | PRODUCT NUMBER BTB 86180 FB                                                           |  |  |  | 1 WALL STOP WS406/407CCV 32D SC                 |  |  |  | FINISH: FLAT BLACK BRONZE PATINA                           |  |  |  |
|                                                                                    |  |  |  | ALL OTHER HARDWARE BY CASEWORK PROVIDER                                               |  |  |  | 1 DOOR VIEWER U698 B26D LE                      |  |  |  |                                                            |  |  |  |
|                                                                                    |  |  |  |                                                                                       |  |  |  | 3 SILENCER SR64 GRAY IVE                        |  |  |  |                                                            |  |  |  |

DOOR TYPES



WINDOW TYPES



CERTIFICATION :

SAVOY  
PLACE  
321 N. DEVILLERS ST.  
Pensacola, Florida  
32501

ALL DRAWINGS AND WRITTEN MATERIAL  
HEREIN CONSTITUTE ORIGINAL AND UN-  
PUBLISHED WORK OF THE ARCHITECT  
AND MAY NOT BE DUPLICATED IN ANY  
PART WITHOUT THE WRITTEN CONSENT  
OF THE ARCHITECT.

REVISIONS :

DRAWN BY : PDP

CHECKED BY : PDP

PROJECT NO. 2412

DATE : 5/7/25

SHEET TITLE :  
SCHEDULES

SHEET NO. :

A-700

| ABBREVIATIONS LEGEND                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |          |                        | ROOM FINISH SCHEDULE |           |          |       |          |        |          |        |          |        |          |        |          |          |       |               |               |            |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|------------------------|----------------------|-----------|----------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|----------|-------|---------------|---------------|------------|------|
| TT                                                                                                                                                                                                                                                                                                                                                                                                                                         | TERRAZZO TILE AND BASE  | CPT      | CARPET                 | ROOMS                |           | FLOORS   |       | WALLS    |        |          |        |          |        | CEILINGS |        | NOTES    | CASEWORK |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         |          |                        |                      |           |          |       | NORTH    |        | SOUTH    |        | EAST     |        |          |        |          |          |       |               |               | WEST       |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         |          |                        | MARK                 | ROOM NAME | MATERIAL | BASE  | MATERIAL | FINISH | MATERIAL | FINISH | MATERIAL | FINISH | MATERIAL | FINISH | MATERIAL | HEIGHT   |       | UPPER CABINET | LOWER CABINET | COUNTERTOP | MARK |
| PL                                                                                                                                                                                                                                                                                                                                                                                                                                         | PLASTIC LAMINATE        | ST       | STAIN FINISH           |                      |           |          |       |          |        |          |        |          |        |          |        |          |          |       |               |               |            |      |
| SWP                                                                                                                                                                                                                                                                                                                                                                                                                                        | SCULPTED WALL PANEL     | WD       | WOOD                   |                      |           |          |       |          |        |          |        |          |        |          |        |          |          |       |               |               |            |      |
| RB                                                                                                                                                                                                                                                                                                                                                                                                                                         | VINYL/ RUBBER WALL BASE | STN      | STONE (QUARTZ)         |                      |           |          |       |          |        |          |        |          |        |          |        |          |          |       |               |               |            |      |
| PGWB                                                                                                                                                                                                                                                                                                                                                                                                                                       | GYPSUM BOARD, PAINTED   | VCT      | VINYL COMPOSITION TILE |                      |           |          |       |          |        |          |        |          |        |          |        |          |          |       |               |               |            |      |
| 1. FINISH SELECTIONS ARE THE BASIS OF DESIGN. OTHER "EQUAL" PRODUCTS SUBMITTED IS SUBJECT TO REVIEW AND APPROVAL.<br>2. SEE FINISH LEGEND FOR FINISH DESCRIPTIONS AND INTERIOR ELEVATIONS FOR SPECIFIC FINISH LOCATIONS.<br>3. PROVIDE 6" SAFB INSULATION ABOVE CEILING. EXTEND SAFB INSULATION 48" EACH SIDE, OVER THE TOP OF ADJACENT WALLS.<br>4. SEE INTERIOR ELEVATIONS AND ENLARGED PLANS FOR SPECIFIC FINISH LOCATIONS ON CASEWORK. | 100                     | KITCHEN  | EP1                    | EP1                  | FRP1      |          | FRP1  |          |        |          | FRP1   |          | ACT 2  | 9'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 101                     | MILL     | EP1                    | EP1                  | FRP1      |          | FRP1  |          |        |          | FRP1   |          | ACT 2  | 9'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 102                     | OFFICE   | EP1                    | EP1                  | FRP1      |          | FRP1  |          |        |          | FRP1   |          | ACT 2  | 9'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 103                     | DINING   | PC1                    | WD3                  | BR1       | PAINT    | WD1   | ST       | WD1    | ST       | WD1    | ST       | GYP BD | VARIES   |        |          | WD1      | STN 2 |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 104                     | CORRIDOR | PC1                    | WD3                  | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | ACT 1  | 9'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 105                     | CORRIDOR | PC1                    | WD3                  | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | ACT 1  | 9'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106                     | MEN      | PC1                    | WD3                  | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | GYP BD | 8'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 107                     | WOMEN    | PC1                    | WD3                  | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | GYP BD | 8'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 108                     | JAN      | EP1                    | EP1                  | FRP1      |          | FRP1  |          |        |          | FRP1   |          | ACT 2  | 9'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 108.1                   | JAN      | EP1                    | EP1                  | FRP1      |          | FRP1  |          |        |          | FRP1   |          | ACT 2  | 9'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 109                     | MECH     | SEALED CONC            | B1                   | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | OPEN   |          |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 110                     | KITCHEN  | EP1                    | EP1                  | FRP2      |          | FRP2  | PAINT    | GWB    | PAINT    |        | FRP2     | PAINT  | ACT 2    | 9'-0"  |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 111                     | MEN      | PC1                    | WD3                  | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | GYP BD | 8'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 112                     | WOMEN    | PC1                    | WD3                  | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | GYP BD | 8'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 113                     | STORAGE  | PC1                    | B1                   | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | GYP BD | 8'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 114                     | STORAGE  | PC1                    | B1                   | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | GYP BD | 8'-0"    |        |          |          |       |               |               |            |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            | 115                     | STORAGE  | PC1                    | B1                   | GWB       | PAINT    | GWB   | PAINT    | GWB    | PAINT    | GWB    | PAINT    | GYP BD | 8'-0"    |        |          |          |       |               |               |            |      |
| 116                                                                                                                                                                                                                                                                                                                                                                                                                                        | FOOD HALL               | PT3,4,5  | PT6                    | BR1                  | PAINT     | BR1      | PAINT | WD2      | PAINT  | GWB      | PAINT  | GYP BD   | VARIES |          | WD2    | WD2      | PAINT    |       |               |               |            |      |
| 117                                                                                                                                                                                                                                                                                                                                                                                                                                        | YOGA STUDIO             | WD3      | WD3                    | GWB                  | PAINT     | GWB      | PAINT | GWB      | PAINT  | GWB      | PAINT  | ACT1     | 9'-0"  |          |        |          |          |       |               |               |            |      |

## FINISH LEGEND AND DESCRIPTIONS

### BASE

| CODE: | CSCI: | OSCI: | OSOI: | DESCRIPTION:              | MANUFACTURER: | FINISH / COLOR: | REMARKS / NOTES:                                |
|-------|-------|-------|-------|---------------------------|---------------|-----------------|-------------------------------------------------|
| B-1   | *     |       |       | VINYL BASE<br>HEIGHT: 4"  | Johnsonite    | #40<br>Black    | NOTE:<br>***Follow manufacturer's instructions. |
| B-2   |       |       |       | 1X6 PAINT GRADE WOOD BASE |               |                 |                                                 |

### TILE

| CODE: | CSCI: | OSCI: | OSOI: | DESCRIPTION:                                                                            | MANUFACTURER: | FINISH / COLOR:             | REMARKS / NOTES:                                                            |
|-------|-------|-------|-------|-----------------------------------------------------------------------------------------|---------------|-----------------------------|-----------------------------------------------------------------------------|
| PT-1  |       |       |       | CERAMIC SUBWAY TILE<br>STYLE: Color Perspectives<br>SIZE: 4" x 12"<br>THICKNESS: 6.35mm | Crossville    | #CPR01<br>Light - Polished  | GROUT INFORMATION :<br>Mapei: #38, Avalanche<br>Grout Line: Maximum: 1/16"  |
| PT-2  |       |       |       | CERAMIC SUBWAY TILE<br>STYLE: Color Perspectives<br>SIZE: 4" x 12"<br>THICKNESS: 6.35mm | Crossville    | #CPR05<br>Tea - Polished    | GROUT INFORMATION :<br>Mapei: #38, Avalanche<br>Grout Line: Maximum: 1/16"  |
| PT-3  |       |       |       | PORCELAIN STONE<br>STYLE: Buenos Aires Mood<br><br>SIZE: 24" x 24"<br>THICKNESS: 9.5mm  | Crossville    | CIV03<br>Communique         | GROUT INFORMATION:<br>Mapei: #47, Charcoal<br>Grout Line: 3mm (Recommended) |
| PT-4  |       |       |       | PORCELAIN STONE<br>STYLE: Buenos Aires Mood<br><br>SIZE: 12" x 24"<br>THICKNESS: 9.5mm  | Crossville    | CIV03<br>Communique         | GROUT INFORMATION:<br>Mapei: #47, Charcoal<br>Grout Line: 3mm (Recommended) |
| PT-5  |       |       |       | PORCELAIN STONE<br>STYLE: Buenos Aires Mood<br><br>SIZE: 24" x 24"<br>THICKNESS: 9.5mm  | Crossville    | CIV06<br>Legality           | GROUT INFORMATION:<br>Mapei: #47, Charcoal<br>Grout Line: 3mm (Recommended) |
| PT-6  |       |       |       | PORCELAIN STONE<br><br><br>SIZE: 6" x 12"<br>THICKNESS: 9.5mm                           | Crossville    | CIV06<br>Legality COVE BASE | GROUT INFORMATION:<br>Mapei: #47, Charcoal<br>Grout Line: 3mm (Recommended) |

### POLISHED CONCRETE

|      |  |  |  |                                                                     |             |             |       |
|------|--|--|--|---------------------------------------------------------------------|-------------|-------------|-------|
| PC-1 |  |  |  | POLISHED CONCRETE<br>FLOORING<br>SPECIES: Smooth<br>STYLE: Polished | WR MEADOWES | LIQUID HARD | NOTE: |
|------|--|--|--|---------------------------------------------------------------------|-------------|-------------|-------|

### EPOXY

|      |  |  |  |                                 |           |                 |       |
|------|--|--|--|---------------------------------|-----------|-----------------|-------|
| EP-1 |  |  |  | EPOXY<br>FLOORING AND COVE BASE | ARMORPOXY | ARMOR BREW GREY | NOTE: |
|------|--|--|--|---------------------------------|-----------|-----------------|-------|

### FRP

|       |  |  |  |                |          |                                                 |                           |
|-------|--|--|--|----------------|----------|-------------------------------------------------|---------------------------|
| FRP-1 |  |  |  | FRP WALL PANEL | MARLIGHT | MARLIGHT FRP<br>P 118 NATURAL ALMOND<br>CLASS A | NOTE:                     |
| FRP-2 |  |  |  | FRP WALL PANEL | MARLIGHT | MARLIGHT FRP<br>P 100 CLASSIC WHITE<br>CLASS A  | NOTE:                     |
| FRP-3 |  |  |  | FRP WALL PANEL | MARLIGHT | MARLIGHT FRP<br>P 107 BLACK<br>CLASS A          | NOTE: INSIDE OF DIE WALLS |

### BRICK

|      |  |  |  |               |           |                                    |       |
|------|--|--|--|---------------|-----------|------------------------------------|-------|
| BR-1 |  |  |  | THIN BRICK    | GLEN GARY | OLDE LONDON THIN BRICK<br>PAINT    | NOTE: |
| BR-2 |  |  |  | MODULAR BRICK | GLEN GARY | OLDE LONDON MODULAR BRICK<br>PAINT | NOTE: |

### PAINT

| CODE: | CSCI: | OSCI: | OSOI: | DESCRIPTION:                                | MANUFACTURER:    | FINISH / COLOR:            | REMARKS / NOTES:                                                                                                              |
|-------|-------|-------|-------|---------------------------------------------|------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| P-1   |       |       |       | PAINT<br>ProMar 200<br>FINISH: Satin        | Sherwin Williams | SW 6126<br>Navajo White    | NOTE:<br>(1) coat primer and (2) coats paint are required.<br>Accent Wall - Refer to Finish Schedule and Interior Elevations. |
| P-2   |       |       |       | PAINT<br>ProMar 200<br>FINISH: Satin        | Sherwin Williams | SW 9041<br>Parisian Patina | NOTE:<br>(1) coat primer and (2) coats paint are required.<br>Accent Wall - Refer to Finish Schedule and Interior Elevations. |
| P-3   |       |       |       | PAINT<br>ProMar 200<br>FINISH: Matte Finish | Sherwin Williams | SW 7006<br>Extra White     | NOTE:<br>(1) coat primer and (2) coats paint are required.<br>Use Flat/Matte finish on all gypsum ceilings and soffits.       |

### WOOD

| CODE: | CSCI: | OSCI: | OSOI: | DESCRIPTION:                                                                          | MANUFACTURER:                | FINISH / COLOR:                    | REMARKS / NOTES:                                                                                                 |
|-------|-------|-------|-------|---------------------------------------------------------------------------------------|------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------|
| WD-1  |       |       |       | OAK GREY FELT ACOUSTIC SLAT<br>WOOD PANEL WALL<br>THICKNESS: 21mm<br>SIZE: 8" x 24"   | Wood Panel Wall USA          | Species: Oak<br>Felt Color: Grey   | NOTE:<br>Made with Grey felt backing.                                                                            |
| WD-2  |       |       |       | Beaded Plywood Project Panel<br>WOOD PANEL WALL<br>THICKNESS: 1/4"<br>SIZE: 24" x 48" | Columbia Forrest<br>Products | Species: Maple<br><br>Painted: P-2 | NOTE:<br>Made with Grey felt backing.<br><br>NOTE: Painted P-2 in Food Hall in specified walls and undercounter. |
| WD-3  |       |       |       | ENGINEERED WOOD FLOORING                                                              | SHAW                         | EMPIRE OAK 5" WIDE SW583-01015     |                                                                                                                  |

### STONE

| CODE: | CSCI: | OSCI: | OSOI: | DESCRIPTION:                                                                                           | MANUFACTURER: | FINISH / COLOR:                 | REMARKS / NOTES:                                |
|-------|-------|-------|-------|--------------------------------------------------------------------------------------------------------|---------------|---------------------------------|-------------------------------------------------|
| STN-1 |       |       |       | QUARTZ<br>THICKNESS: 2cm (With 1.5" Laminated<br>Finished Edges)<br>EDGE TREATMENT: Mitered Edge       | CAMBRIA       | Quartz Surfaces<br>AVALENE      | NOTE:                                           |
| STN-2 |       |       |       | QUARTZ<br>THICKNESS: 3/4" (With 1.2" Laminated<br>Finished Edges)<br>EDGE TREATMENT: Seacliff Edge (Z) | Cambria       | Signature Collection<br>Carrick | NOTE:<br>***Follow manufacturer's instructions. |

### ACOUSTICAL CEILING TILES

| CODE: | CSCI: | OSCI: | OSOI: | DESCRIPTION:                                                                                                | MANUFACTURER: | FINISH / COLOR: | REMARKS / NOTES:                                |
|-------|-------|-------|-------|-------------------------------------------------------------------------------------------------------------|---------------|-----------------|-------------------------------------------------|
| ACT-1 |       |       |       | ACOUSTICAL TILE<br>STYLE: Optima<br>STYLE #: 3250<br>EDGE TYPE: Square Tegular<br>SIZE: 24" x 24" x 1"      | Armstrong     | White           | NOTE:<br>***Follow manufacturer's instructions. |
| ACT-2 |       |       |       | ACOUSTICAL TILE<br>STYLE: KITCHEN ZONE<br>STYLE #: 3250<br>EDGE TYPE: Square LAY IN<br>SIZE: 24" x 24" x 1" | Armstrong     | White           | NOTE:<br>***Follow manufacturer's instructions. |
| ACT-3 |       |       |       | ACOUSTICAL TILE<br>FELT WORKS<br>SIZE: 24" x 48" x 1"                                                       | Armstrong     | GRAY            | NOTE:<br>***Follow manufacturer's instructions. |

smp.

SMP Architecture, P.A.  
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PENSACOLA, FLORIDA 32502  
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REVISIONS :

DRAWN BY : PDP

CHECKED BY : PDP

PROJECT NO. 2412

DATE : 5/7/25

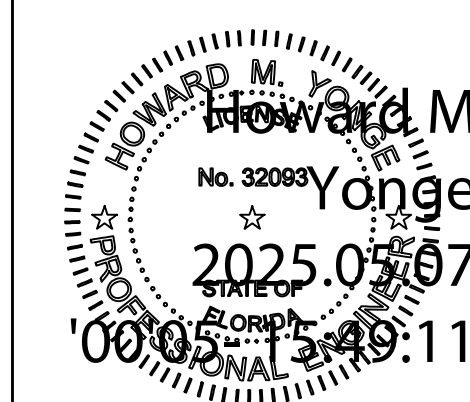
SHEET TITLE :  
SCHEDULES

SHEET NO. :

A-800

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DRAWN BY : L. SUMLIN

CHECKED BY : H.M. YONGE

PROJECT NO. 2412

DATE : 05/07/25

SHEET TITLE :

## SANITARY WASTE PLAN

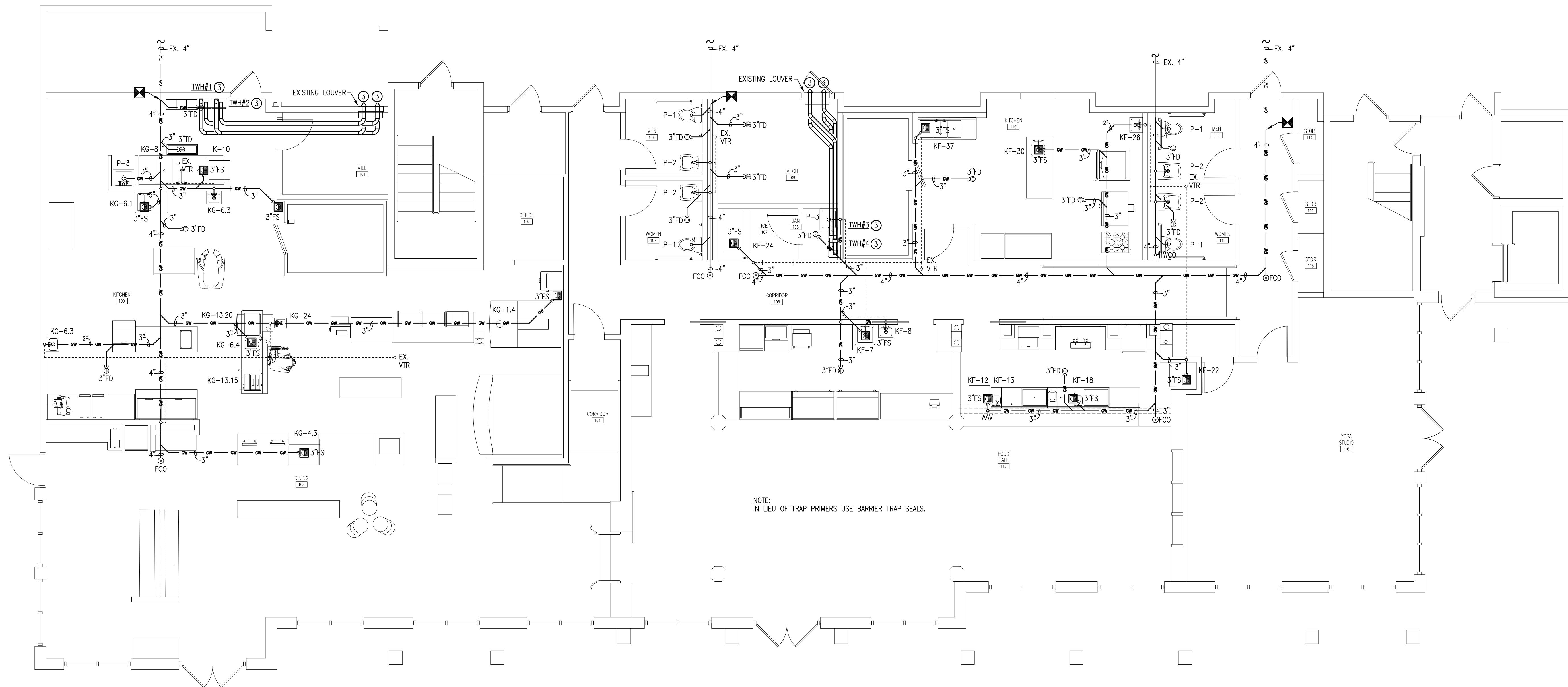
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# P-101

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### SANITARY WASTE KEYNOTES

- THIS CONTRACTOR TO TIE NEW WASTE LINES INTO EXISTING WASTE LINE (SEE CIVIL UTILITY PLAN FOR LOCATION). IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION, DEPTH, FLOW DIRECTION, ALL NEW/EXISTING INVERTS AND CONDITION OF EXISTING LINES (IF APPLICABLE) PRIOR TO BID. THIS CONTRACTOR TO ASSURE THE EXISTING WASTE LINES ARE IN GOOD WORKING CONDITION (MEETS ALL APPLICABLE LOCAL CODES) AND FULLY FUNCTIONAL WITH CORRECT FALL/FLOW AND NO OBSTRUCTIONS (IF APPLICABLE). A SITE VISIT SHALL BE PERFORMED PRIOR TO BID. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO MAKE ANY NECESSARY DESIGN CHANGES, IF ANY; THESE APPLICABLE CHANGES SHALL BE INCLUDED IN THE ORIGINAL BID PRICE. ANY CHANGE ORDERS BROUGHT UP AFTER THE ACCEPTED BID THAT DIRECTLY RELATES TO FAILURE OF A SITE VISIT SHALL BE SOLELY THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. THE OWNER WILL NOT PAY FOR CHANGE ORDERS DUE TO THE CONTRACTORS FAILURE TO PERFORM A THOROUGH SITE VISIT. COORDINATE WITH ALL TRADES, FIELD VERIFY ALL EXISTING CONDITIONS.
- GAS FIRED INSTANT WATER HEATERS MOUNTED ON WALL AS HIGH AS POSSIBLE. ROUTE WATER HEATER T&P RELIEF AND CONDENSATE TO ADJACENT MOP SINK, AND/OR FLOOR DRAIN.
- ROUTE COMBUSTION AIR INTAKE/EXHAUST PIPING FROM THE WATER HEATER TO A CONCENTRIC VENT TERMINATION LOCATION IN LOUVER. INSTALL WITH THE MINIMUM ELBOWS AND OFFSETS AS NECESSARY FOR A COMPLETE INSTALLATION PER THE WATER HEATER MANUFACTURER'S REQUIREMENTS.



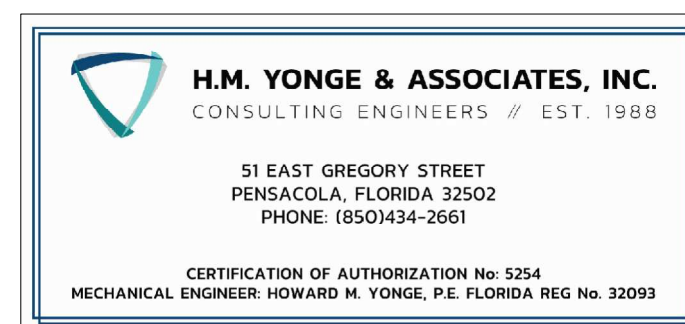
NOTE:  
IN LIEU OF TRAP PRIMERS USE BARRIER TRAP SEALS.



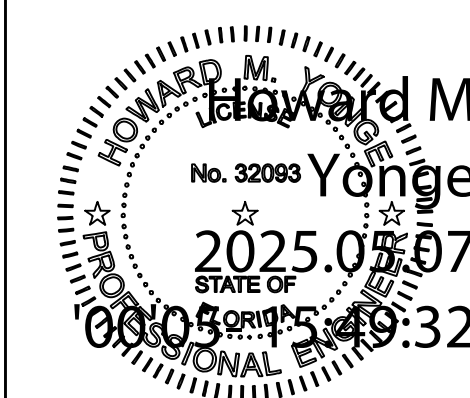
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P-101

## SANITARY WASTE PLAN

SCALE: 3/16" = 1'-0"



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SAVOY  
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REVISIONS :

DRAWN BY : L. SUMLIN

CHECKED BY : H.M. YONGE

PROJECT NO. 2412

DATE : 05/07/25

SHEET TITLE :

DOMESTIC  
WATER PLAN

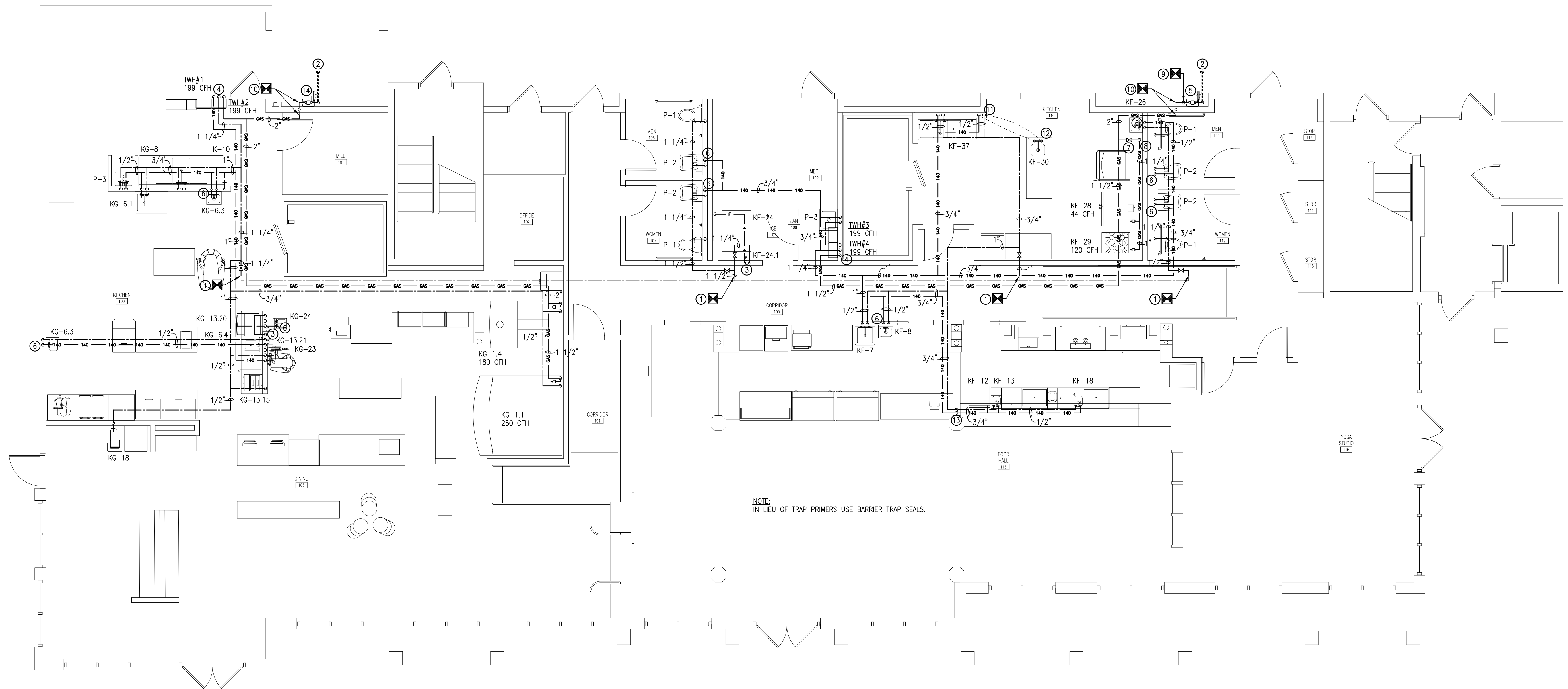
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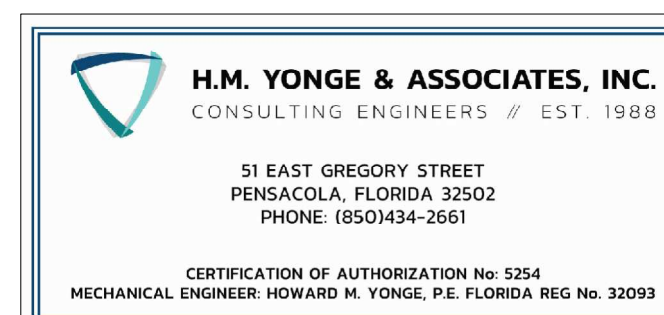
## DOMESTIC WATER AND GAS KEYNOTES

- CONNECT NEW DOMESTIC WATER PIPING TO EXISTING DOMESTIC WATER PIPING. FIELD VERIFY EXISTING PIPE SIZE AND LOCATION PRIOR TO BEGINNING ANY WORK.
- CONTRACTOR TO COORDINATE WITH PENSACOLA ENERGY TO SCHEDULE AND COORDINATE NEW GAS METER/SERVICE FOR THE NEW REQUIRED LOAD. THIS CONTRACTOR SHALL ALSO PROVIDE ANY NECESSARY REGULATORS AND MAKE ALL FINAL CONNECTIONS TO THE NEW GAS METER. THE ENTIRE SYSTEM SHALL BE OPERABLE BY THIS CONTRACTOR. ALL EXPOSED GAS PIPE LOCATED ON EXTERIOR WALLS TO BE PAINTED TO MATCH THE EXTERIOR BUILDING COLOR. ALL OTHER GAS PIPING SHALL BE PAINTED YELLOW AND PROVIDE LABELS, "GAS." FIELD VERIFY EXACT LOCATION AND COORDINATE WITH OWNER/ALL TRADES PRIOR TO INSTALLATION.
- TIE 3/4" CW INTO FILTRATION SYSTEM. COORDINATE WITH OWNER (84" AFF).
- 1 1/4" COLD WATER, 1 1/4" 140" HW, AND 1 1/2" GAS TO TANKLESS WATER HEATER.
- NEW POUNDS TO INCHES PRESSURE REGULATOR. GAS PIPING SERVING EQUIPMENT INSIDE THE BUILDING TO BE 0.5 PSI OR LESS AND A PRESSURE DROP OF 0.3" OF WATER COLUMN. GAS PIPING SIZED @ 1390 CFH.
- PROVIDE A ASSE 1070 TEMPERING VALVE SET @ 110°F. MOUNT UNDER SINK AS HIGH AS POSSIBLE, ATTEMPT TO CONCEAL.
- 1 1/4" ANSUL VALVE PROVIDED BY MECHANICAL CONTRACTOR, INSTALLED BY PLUMBING CONTRACTOR. PROVIDE A FULL LINE SIZE BALL VALVE IN VERTICAL DROP, PRIOR TO ANSUL VALVE.
- 1 1/4" GAS PIPING DOWN ON WALL TO SERVE COOKING EQUIPMENT.
- CONNECT EXISTING GAS PIPING SERVING APARTMENT COURTYARD TO NEW GAS PIPING.
- CONNECT EXISTING GAS PIPING SERVING FIRST FLOOR TO NEW GAS PIPING.
- 1/2" HOT AND COLD WATER DOWN INSIDE WALL TO BELOW GRADE AND OVER TO PREP TABLE.
- 1/2" HOT AND COLD WATER UP FROM BELOW GRADE TO BELOW COUNTERTOP AND CONNECT TO SINK.
- 3/4" HOT AND COLD WATER DOWN INSIDE WALL TO BELOW COUNTER AND OVER BELOW COUNTER FOR CONNECTION TO EACH FIXTURE.
- NEW POUNDS TO INCHES PRESSURE REGULATOR. GAS PIPING SERVING EQUIPMENT INSIDE THE BUILDING TO BE 0.5 PSI OR LESS AND A PRESSURE DROP OF 0.3" OF WATER COLUMN. GAS PIPING SIZED @ 828 CFH.

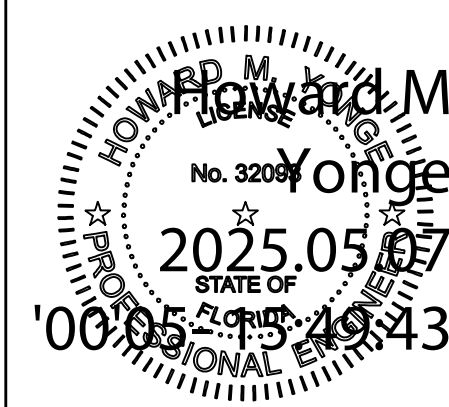
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P-201

## DOMESTIC WATER PLAN

SCALE: 3/16" = 1'-0"



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REVISIONS :

DRAWN BY : L. SUMLIN

CHECKED BY : H.M. YONGE

PROJECT NO. 2412

DATE : 05/07/25

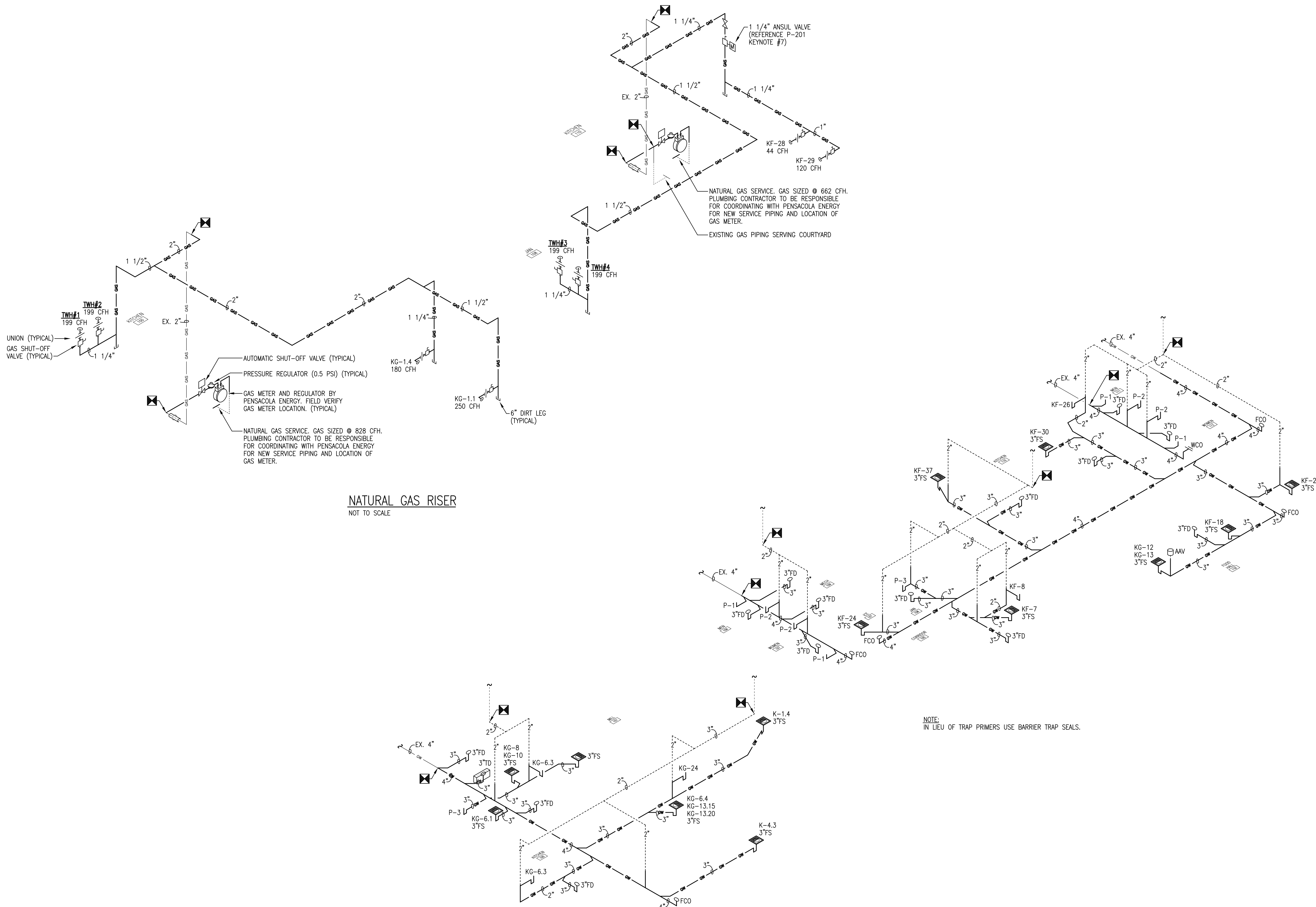
SHEET TITLE :

## WASTE AND NATURAL GAS RISERS

SHEET NO. :

# P-301

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**NATURAL GAS RISER**  
NOT TO SCALE

**SANITARY WASTE RISER**  
NOT TO SCALE

**H.M. YONGE & ASSOCIATES, INC.**  
CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET  
PENSACOLA, FLORIDA 32502  
PHONE: (850)434-2661

CERTIFICATION OF AUTHORIZATION No. 5254  
MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093

| KITCHEN EQUIPMENT SCHEDULE – GREAT HARVEST 2020 |                           |      |             |      |         |               |         |                |
|-------------------------------------------------|---------------------------|------|-------------|------|---------|---------------|---------|----------------|
| MARK                                            | FIXTURE                   | CW   | FILTERED CW | HW   | HW TEMP | WASTE         | GAS CFH | GAS CONNECTION |
| KG-1.1                                          | OVEN                      | 1/4" | --          | --   | --      | --            | 250     | 3/4"           |
| KG-1.4                                          | ROTATING RACK OVEN        | 1/2" | --          | --   | --      | 3" FS         | GW 180  | 1"             |
| KG-4.3                                          | REFRIGERATOR              | --   | --          | --   | --      | 3" FS         | GW      | --             |
| KG-6.1                                          | PREP TABLE SINK           | 1/2" | --          | 1/2" | 140°    | 3" FS         | GW      | --             |
| KG-6.3                                          | HAND SINK                 | 1/2" | --          | 1/2" | 110°    | 1 1/2" DIRECT | GW      | --             |
| KG-6.4                                          | PREP TABLE SINK           | 1/2" | --          | 1/2" | 140°    | 3" FS         | GW      | --             |
| KG-8                                            | THREE COMPARTMENT SINK    | 1/2" | --          | 1/2" | 140°    | 3" FS         | GW      | --             |
| KG-10                                           | UNDERCOUNTER DISHWASHER ① | --   | --          | 1/2" | 140°    | 3" FS         | GW      | --             |
| KG-13.15                                        | ESPRESSO MACHINE          | 1/2" | --          | --   | --      | 3" FS         | GW      | --             |
| KG-13.20                                        | ICE MAKER WITH BIN        | --   | 1/2"        | --   | --      | 3" FS         | GW      | --             |
| KG-13.21                                        | FILTER SYSTEM             | 1/2" | 1/2"        | --   | --      | --            | --      | --             |
| KG-18                                           | TEA BREWER                | 1/2" | --          | --   | --      | --            | --      | --             |
| KG-23                                           | HOSE REEL                 | 1/2" | --          | 1/2" | 110°    | --            | --      | --             |
| KG-24                                           | HAND SINK                 | 1/2" | --          | 1/2" | 110°    | 1 1/2" DIRECT | GW      | --             |

| KITCHEN FUNDAMENTAL | FOODS | WALL | CO |
|---------------------|-------|------|----|
|---------------------|-------|------|----|

| MARK    | FIXTURE                   | CW   | FILTERED CW | HW   | HW TEMP | WASTE         | GAS CFH | GAS CONNECTION |      |
|---------|---------------------------|------|-------------|------|---------|---------------|---------|----------------|------|
| KF-7    | PREP SINK                 | 1/2" | --          | 1/2" | 140°    | 3" FS         | GW      | --             | --   |
| KF-8    | HAND SINK                 | 1/2" | --          | 1/2" | 110°    | 1 1/2" DIRECT | GW      | --             | --   |
| KF-12   | UNDERCOUNTER DISHWASHER ① | --   | --          | 1/2" | 140°    | 3" FS         | GW      | --             | --   |
| KF-13   | BLENDER STATION WITH SINK | 1/2" | --          | 1/2" | 110°    | 3" FS         | GW      | --             | --   |
| KF-18   | HAND SINK                 | 1/2" | --          | 1/2" | 110°    |               | GW      | --             | --   |
| KF-22   | REFRIGERATED DISPLAY CASE | --   | --          | --   | --      | 3" FS         | GW      | --             | --   |
| KF-24   | ICE MAKER WITH BIN        | --   | 1/2"        | --   | --      | 3" FS         | GW      | --             | --   |
| KF-24.1 | FILTER SYSTEM             | 1/2" | 1/2"        | --   | --      | --            | --      | --             | --   |
| KF-26   | HAND SINK                 | 1/2" | --          | 1/2" | 110°    | 1 1/2" DIRECT | GW      | --             | --   |
| KF-28   | OVEN                      | --   | --          | --   | --      |               | --      | 44             | 3/4" |
| KF-29   | HOT PLATE                 | --   | --          | --   | --      |               | --      | 120            | 3/4" |
| K-30    | PREP TABLE SINK           | 1/2" | --          | 1/2" | 140°    | 3" FS         | GW      | --             | --   |
| K-37    | THREE COMPARTMENT SINK    | 1/2" | --          | 1/2" | 140°    | 3" FS         | GW      | --             | --   |

| MARK | FIXTURE                       | CONNECTIONS |      |      | DESCRIPTION                                                                                                                                                                                                        |
|------|-------------------------------|-------------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                               | WASTE       | CW   | HW   |                                                                                                                                                                                                                    |
| P-1  | WATER CLOSET                  | 4"          | 1"   | --   | 15" HIGH ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER, FLUSH VALVE, AND FLEXIBLE SUPPLY WITH STOP.                                                      |
| P-1A | WATER CLOSET<br>(HANDICAPPED) | 4"          | 1"   | --   | 17" HIGH ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER, FLUSH VALVE, AND FLEXIBLE SUPPLY WITH STOP. INSTALL PER ADA REQUIREMENTS.                        |
| P-2  | URINAL                        | 2"          | 3/4" | --   | WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER.                                                                                                                                                         |
| P-2A | URINAL<br>(HANDICAPPED)       | 2"          | 3/4" | --   | WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER. INSTALL PER ADA REQUIREMENTS.                                                                                                                           |
| P-3  | LAVATORY                      | 1 1/2"      | 1/2" | 1/2" | 20" OVAL, SELF RIMMING COUNTER MOUNTED VITREOUS CHINA. PROVIDE WITH SINGLE LEVER FAUCET, GRID WASTE, 17 GA. P-TRAP, AND FLEXIBLE SUPPLIES WITH STOPS.                                                              |
| P-3A | LAVATORY<br>(HANDICAPPED)     | 1 1/2"      | 1/2" | 1/2" | WALL HUNG TYPE. PROVIDE WITH SINGLE LEVER FAUCET, GRID WASTE, 17 GA. P-TRAP, FLEXIBLE SUPPLIES WITH STOPS, TRAP INSULATION KIT, AND FLOOR MOUNTED CONCEALED ARM CARRIER. INSTALL PER ADA REQUIREMENTS.             |
| P-4  | WATER COOLER<br>(HANDICAPPED) | 1 1/2"      | 1/2" | --   | DUAL HEIGHT WITH BOTTLE FILLING STATION, BARRIER FREE, WALL MOUNTED TYPE WITH ROUGH BRASS STOPS, 17 GA. P-TRAP, AND WALL HANGER. INSTALL PER ADA REQUIREMENTS.                                                     |
| P-5  | MOP SINK                      | 3"          | 1/2" | 1/2" | 24"x24" TERRAZZO CORNER TYPE SERVICE BASIN WITH WALL MOUNTED SERVICE SINK FAUCET, VACUUM BREAKER, WALL BRACE, 3" STAINLESS STEEL DRAIN, AND STAINLESS STEEL RM GUARD.                                              |
| P-6  | CAFE SINK                     | 1 1/2"      | 1/2" | 1/2" | 21"x19"x7-1/2" DEEP, SINGLE COMPARTMENT STAINLESS STEEL SINK. PROVIDE WITH GOOSENECK FAUCET, WRIST BLADES, GRID STRAINER, 1 1/2" P-TRAP, AND FLEXIBLE SUPPLIES WITH STOPS.                                         |
| P-7  | KITCHEN SINK                  | 1 1/2"      | 1/2" | 1/2" | COUNTER MOUNTED, 31"x21"x10-1/2" DEEP, ONE COMPARTMENT STAINLESS STEEL SINK. PROVIDE WITH DECK MOUNTED FAUCET, SPRAY ASSEMBLY, BASKET STRAINER, 17 GA. P-TRAP, FLEXIBLE SUPPLIES WITH STOPS, AND GARBAGE DISPOSAL. |
| P-8  | WASHING<br>MACHINE BOX        | 2"          | 1/2" | 1/2" | GALVANIZED STEEL, WALL RECESSED BOX WITH 1/2" HOT AND COLD WATER VALVES AND 2" CENTER DRAIN.                                                                                                                       |
| P-9  | ICE MAKER BOX                 | ---         | 3/8" | --   | RECESSED BOX WITH 1/4 TURN ANGLE STOP.                                                                                                                                                                             |

**NOTE:** FIXTURES SHALL BE WHITE AND FAUCETS SHALL BE POLISHED CHROME UNLESS OTHERWISE INDICATED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL HANDICAPPED FIXTURES SHALL BE ADA COMPLIANT AND INSTALLED PER ADA REQUIREMENTS. REFERENCE ARCHITECTURAL PLANS FOR INSTALLATION HEIGHTS. ALL DOMESTIC WATER PIPING ABOVE THE SLAB SHALL BE INSULATED INCLUDING PIPING INSIDE WALLS. PIPING SHALL NOT BE INSTALLED IN A MANNER IN WHICH CONTACT WITH MASONRY PRODUCTS IS ALLOWED.

| TANKLESS WATER HEATER SCHEDULE |                                |                                |                   |                 |    |       |                                                                                                                     |
|--------------------------------|--------------------------------|--------------------------------|-------------------|-----------------|----|-------|---------------------------------------------------------------------------------------------------------------------|
| MARK<br>TWH#                   | MINIMUM<br>GAS INPUT<br>BTU/HR | MAXIMUM<br>GAS INPUT<br>BTU/HR | GPM @<br>35° RISE | ELECTRICAL DATA |    |       | REMARKS                                                                                                             |
|                                |                                |                                |                   | VOLTS           | Hz | PHASE |                                                                                                                     |
| 1                              | 15,200                         | 199,000                        | 0.4 – 9.8         | 120             | 60 | 1     | EQUAL TO RINNAI RX199N WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE. |
| 2                              | 15,200                         | 199,000                        | 0.4 – 9.8         | 120             | 60 | 1     | EQUAL TO RINNAI RX199N WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE. |
| 3                              | 15,200                         | 199,000                        | 0.4 – 9.8         | 120             | 60 | 1     | EQUAL TO RINNAI RX199N WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE. |
| 4                              | 15,200                         | 199,000                        | 0.4 – 9.8         | 120             | 60 | 1     | EQUAL TO RINNAI RX199N WITH MCC-91 CONTROLLER. COORDINATE CONTROLLER LOCATION WITH OWNER. SET FOR 140° TEMPERATURE. |

| PLUMBING LEGEND                                                                       |                         |
|---------------------------------------------------------------------------------------|-------------------------|
| AAV                                                                                   | AIR ADMITTANCE VALVE    |
| AFF                                                                                   | ABOVE FINISHED FLOOR    |
| CFH                                                                                   | CUBIC FEET PER HOUR     |
| CW                                                                                    | COLD WATER              |
| EX                                                                                    | EXISTING                |
| FCO                                                                                   | FLOOR CLEANOUT          |
| FD                                                                                    | FLOOR DRAIN             |
| FS                                                                                    | FLOOR SINK              |
| HW                                                                                    | HOT WATER               |
| TD                                                                                    | TRENCH DRAIN            |
| TWH                                                                                   | TANKLESS WATER HEATER   |
| VTR                                                                                   | VENT THRU ROOF          |
| WCO                                                                                   | WALL CLEANOUT           |
| -----                                                                                 | COLD WATER PIPING       |
| — F — F — F —                                                                         | FILTERED WATER PIPING   |
| — GAS — GAS —                                                                         | GAS PIPING              |
| — GW — GW —                                                                           | GREASE PIPING           |
| — 140 — 140 —                                                                         | 140" HOT WATER PIPING   |
| -----                                                                                 | WASTE PIPING            |
| -----                                                                                 | VENT PIPING             |
|  | CONNECT NEW TO EXISTING |
|  | CHECK VALVE             |
|  | GATE VALVE              |
|  | P-TRAP                  |
|  | VENT THRU ROOF          |

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AND MAY NOT BE DUPLICATED IN ANY  
PART WITHOUT THE WRITTEN CONSENT  
OF THE ARCHITECT.

REVISIONS :

DRAWN BY : L. SUMI IN

CHECKED BY : H M YONGE

PROJECT NO. 2412

DATE : 05/07/25

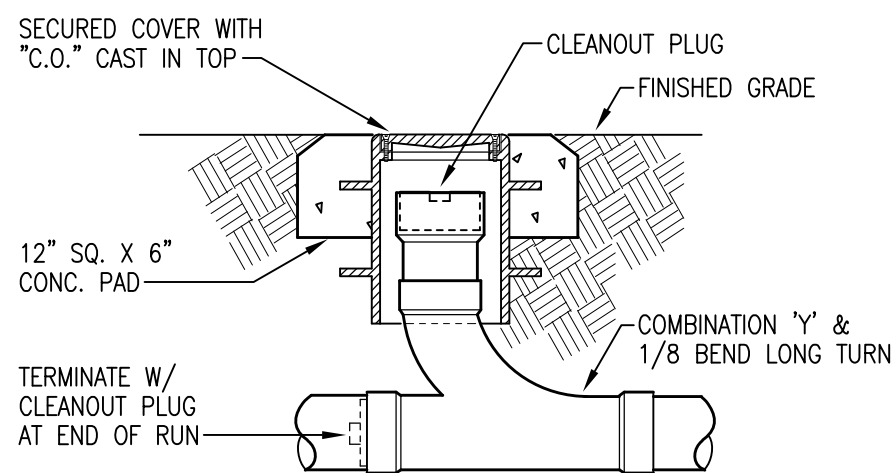
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# PLUMBING LEGEND, DETAILS AND SCHEDULES

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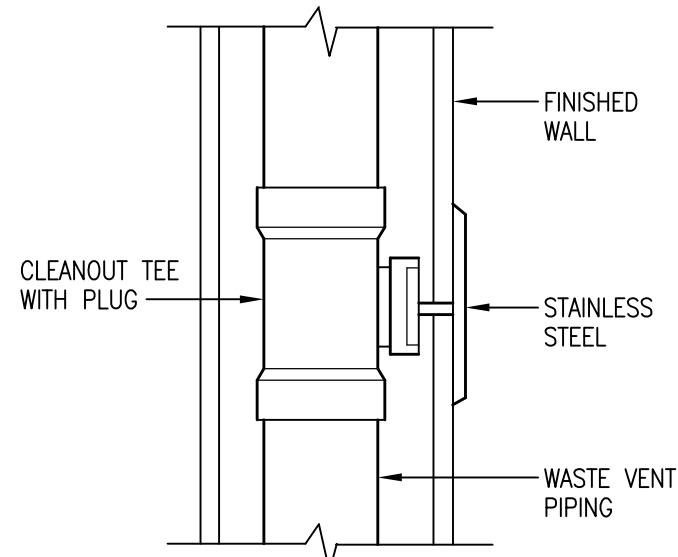
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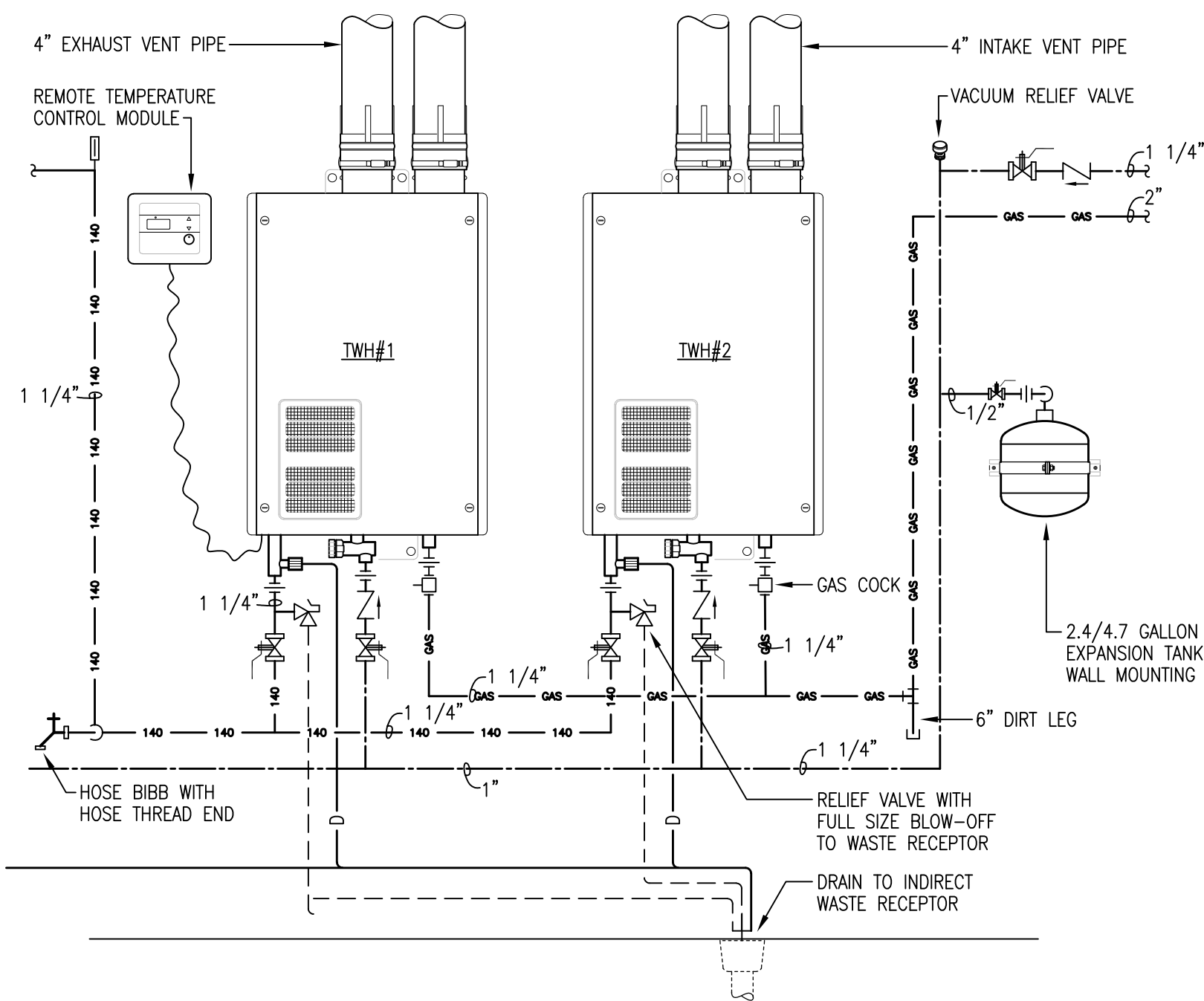
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NOT TO SCALE



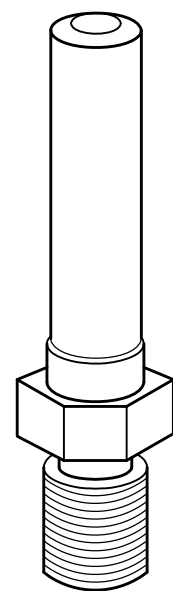
### WALL CLEANOUT DETAIL

NOT TO SCALE



## GAS FIRED TANKLESS WATER HEATER DETAIL

NOT TO SCALE



| AIR<br>PRELOAD<br>PSI | FIXTURE<br>UNITS | P.D.I.<br>SYMBOL |
|-----------------------|------------------|------------------|
| 60                    | 1-11             | A                |
| 60                    | 12-32            | B                |
| 60                    | 33-60            | C                |

NOTE: WATER HAMMER ARRESTORS TO BE LOCATED ABOVE ELEVATION OF CEILING AND BE ACCESSIBLE THROUGH CEILING TILE. IN AREAS WITHOUT CEILING ACCESS, PROVIDE 12"x12" ACCESS PANELS. ACCESS PANEL LOCATIONS TO BE COORDINATED WITH ARCHITECT AND APPROVED BY OWNER PRIOR TO INSTALLATION.

## WATER HAMMER DETAIL

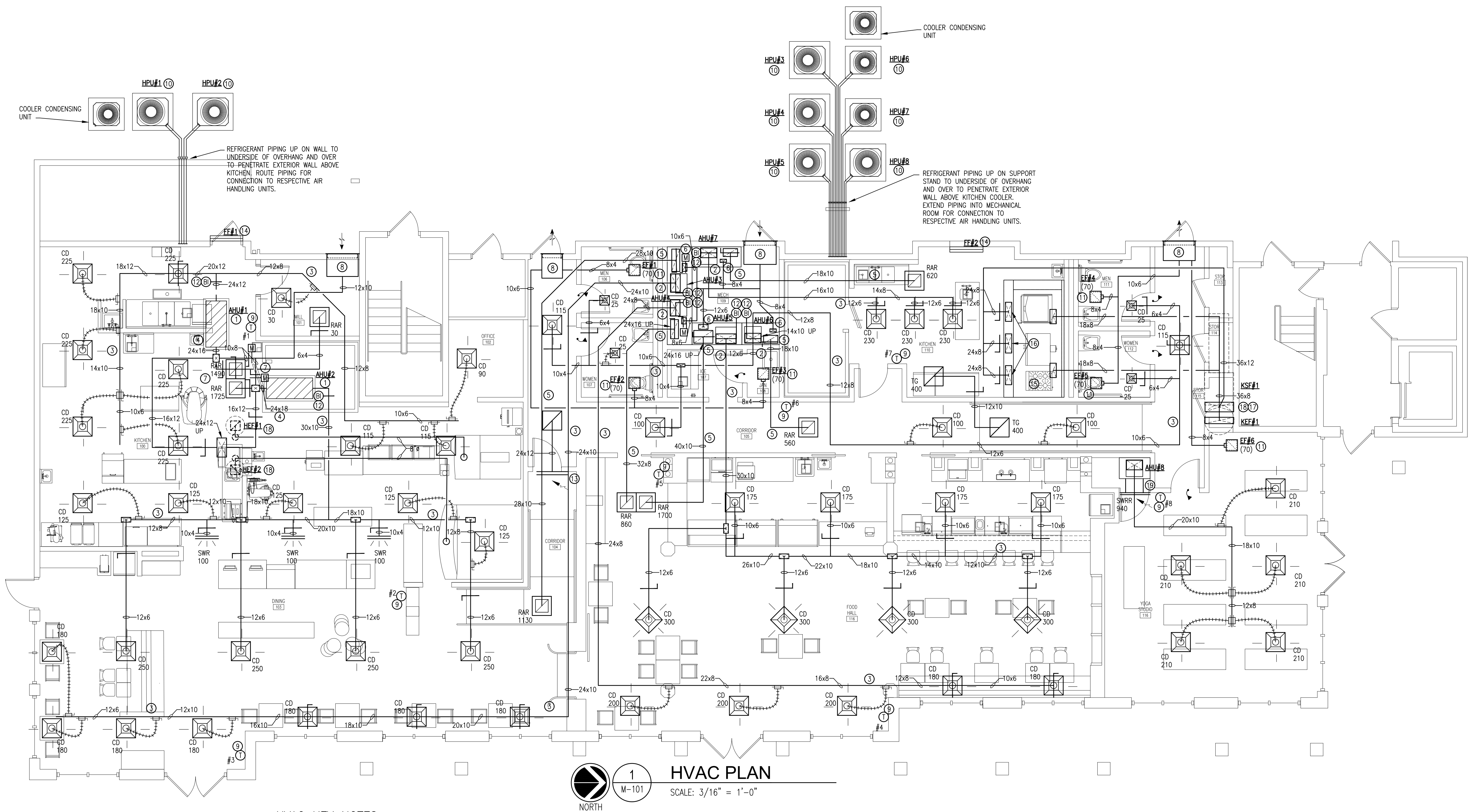
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smp.

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32501

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REVISIONS :

DRAWN BY : A. HASKEW

CHECKED BY : H.M. YONGE

PROJECT NO. 2412

DATE : 05/07/25

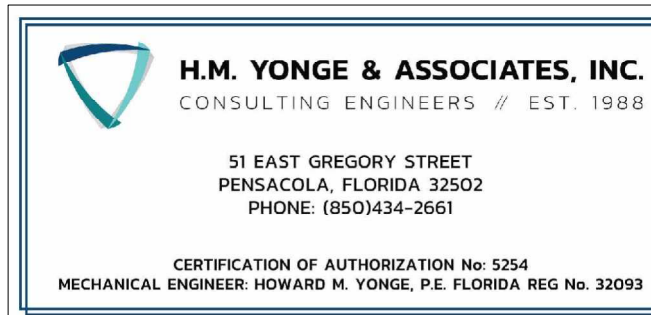
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### HVAC PLAN

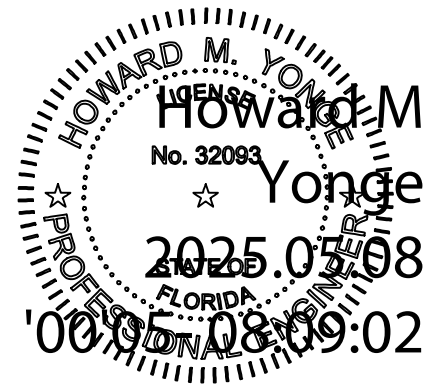
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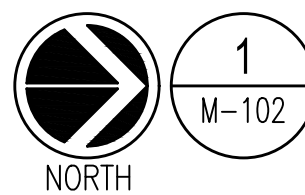
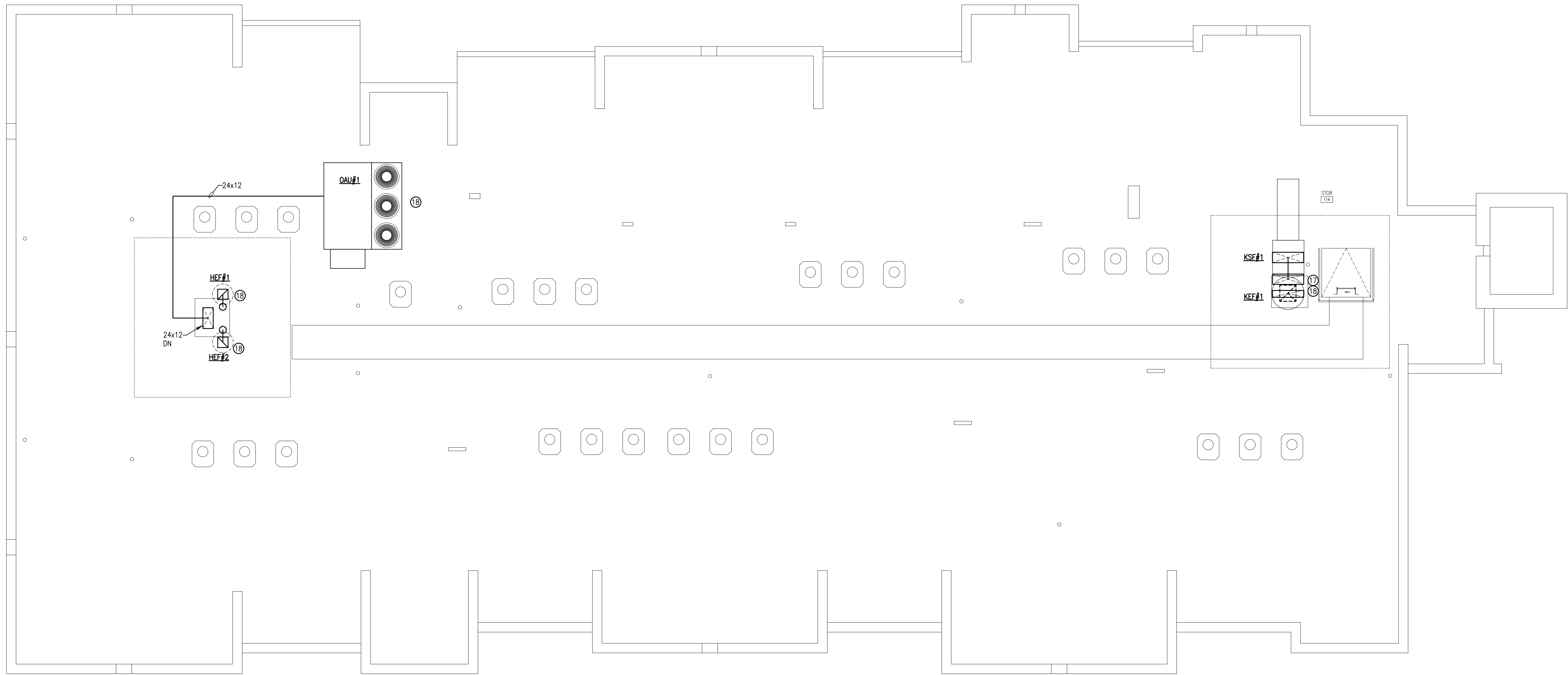
SHEET TITLE :

HVAC ROOF  
PLAN

SHEET NO. :

M-102

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## HVAC ROOF PLAN

SCALE: 3/16" = 1'-0"

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| FAN SCHEDULE |           |           |         |            |                 |                |                |           |                 |    |       |         |
|--------------|-----------|-----------|---------|------------|-----------------|----------------|----------------|-----------|-----------------|----|-------|---------|
| MARK         | TOTAL CFM | TSP IN WC | MAX RPM | TYPE DRIVE | TYPE FAN        | INTERLOCK WITH | MOTOR HP/WATTS | MAX SONES | ELECTRICAL DATA |    |       | REMARKS |
|              |           |           |         |            |                 |                |                |           | VOLTS           | Hz | PHASE |         |
| EF#1         | 70        | 0.25      | 703     | DIRECT     | CEILING MOUNTED | LIGHT SWITCH   | 80 W           | 0.4       | 120             | 60 | 1     | ①②③④⑤   |
| EF#2         | 70        | 0.25      | 703     | DIRECT     | CEILING MOUNTED | LIGHT SWITCH   | 80 W           | 0.4       | 120             | 60 | 1     | ①②③④⑤   |
| EF#3         | 70        | 0.25      | 703     | DIRECT     | CEILING MOUNTED | LIGHT SWITCH   | 80 W           | 0.4       | 120             | 60 | 1     | ①②③④⑤   |
| EF#4         | 70        | 0.25      | 703     | DIRECT     | CEILING MOUNTED | LIGHT SWITCH   | 80 W           | 0.4       | 120             | 60 | 1     | ①②③④⑤   |
| EF#5         | 70        | 0.25      | 703     | DIRECT     | CEILING MOUNTED | LIGHT SWITCH   | 80 W           | 0.4       | 120             | 60 | 1     | ①②③④⑤   |
| EF#6         | 70        | 0.25      | 703     | DIRECT     | CEILING MOUNTED | LIGHT SWITCH   | 80 W           | 0.4       | 120             | 60 | 1     | ①②③④⑤   |
| FF#1         | 1360      | N/A       | N/A     | DIRECT     | AIR CURTAIN     | DOOR SWITCH    | 1/5 HP         | 2.0       | 120             | 60 | 1     | ⑥⑦      |
| FF#2         | 1360      | N/A       | N/A     | DIRECT     | AIR CURTAIN     | DOOR SWITCH    | 1/5 HP         | 2.0       | 120             | 60 | 1     | ⑥⑦      |

- NOTES:
1. PROVIDE WITH FAN SPEED CONTROLLER.
  2. PROVIDE WITH ALUMINUM GRILLE.
  3. PROVIDE WITH ROUND TO RECTANGULAR TRANSITION.
  4. PROVIDE WITH INTEGRAL DISCONNECT.
  5. PROVIDE WITH THERMAL OVERLOAD.
  6. 48" (MIN) AIR CURTAIN FAN.
  7. BASIS OF DESIGN - BERNER: SLC07.

| SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE |                    |              |           |      |             |            |                     |    |       |     |      |                                                   |           |               |                 |                    |                                                   |               |                 |       |      |          |       |               |                    |                     |     |      |     |  |         |
|--------------------------------------|--------------------|--------------|-----------|------|-------------|------------|---------------------|----|-------|-----|------|---------------------------------------------------|-----------|---------------|-----------------|--------------------|---------------------------------------------------|---------------|-----------------|-------|------|----------|-------|---------------|--------------------|---------------------|-----|------|-----|--|---------|
| MARK<br>AHU                          | NOMINAL<br>TONNAGE | AHU DATA     |           |      |             |            | AHU ELECTRICAL DATA |    |       |     |      | AHU COOLING CAPACITY @<br>ARI STANDARD CONDITIONS |           |               |                 |                    | HPU HEATING CAPACITY @<br>ARI STANDARD CONDITIONS |               |                 |       |      | C.O.P    | SEER2 | COMPR.<br>RLA | OUTDOOR<br>FAN FLA | HPU ELECTRICAL DATA |     |      |     |  | REMARKS |
|                                      |                    | TOTAL<br>CFM | OA<br>CFM | ESP  | MOTOR<br>HP | HEAT<br>KW | VOLTS               | Hz | PHASE | MCA | MOCP | EDB<br>°F                                         | EWB<br>°F | AMBIENT<br>°F | TOTAL<br>BTU/HR | SENSIBLE<br>BTU/HR | EDB<br>°F                                         | AMBIENT<br>°F | TOTAL<br>BTU/HR | VOLTS | Hz   |          |       |               |                    | PHASE               | MCA | MOCP |     |  |         |
| AHU#1                                | 5 TONS             | 1700         | 180       | 0.5" | 1           | 7.20       | 208                 | 60 | 1     | 53  | 60   | 80                                                | 67        | 95            | 60,000          | 42,000             | 70                                                | 47            | 57,000          | 4.1   | 15.0 | 1 @ 23.7 | 2.80  | 208           | 60                 | 1                   | 32  | 50   | ①②③ |  |         |
| AHU#2                                | 5 TONS             | 1925         | 200       | 0.5" | 1           | 7.20       | 208                 | 60 | 1     | 53  | 60   | 80                                                | 67        | 95            | 60,000          | 42,000             | 70                                                | 47            | 57,000          | 4.1   | 15.0 | 1 @ 23.7 | 2.80  | 208           | 60                 | 1                   | 32  | 50   | ①②③ |  |         |
| AHU#3                                | 3.5 TONS           | 1260         | 130       | 0.5" | 1/2         | 7.20       | 208                 | 60 | 1     | 48  | 50   | 80                                                | 67        | 95            | 42,000          | 29,400             | 70                                                | 47            | 39,900          | 4.1   | 15.0 | 1 @ 16.7 | 2.80  | 208           | 60                 | 1                   | 24  | 40   | ①②③ |  |         |
| AHU#4                                | 3 TONS             | 960          | 100       | 0.5" | 1/2         | 7.20       | 208                 | 60 | 1     | 48  | 50   | 80                                                | 67        | 95            | 36,000          | 42,000             | 70                                                | 47            | 34,200          | 4.1   | 15.0 | 1 @ 14.1 | 0.64  | 208           | 60                 | 1                   | 18  | 30   | ①②③ |  |         |
| AHU#5                                | 5 TONS             | 1900         | 200       | 0.5" | 1           | 7.20       | 208                 | 60 | 1     | 53  | 60   | 80                                                | 67        | 95            | 60,000          | 42,000             | 70                                                | 47            | 57,000          | 4.1   | 15.0 | 1 @ 23.7 | 2.80  | 208           | 60                 | 1                   | 32  | 50   | ①②③ |  |         |
| AHU#6                                | 2 TONS             | 630          | 70        | 0.5" | 1/3         | 7.20       | 208                 | 60 | 1     | 47  | 50   | 80                                                | 67        | 95            | 24,000          | 16,800             | 70                                                | 47            | 22,800          | 4.1   | 15.0 | 1 @ 11.5 | 0.77  | 208           | 60                 | 1                   | 15  | 25   | ①②③ |  |         |
| AHU#7                                | 2 TONS             | 690          | 70        | 0.5" | 1/3         | 7.20       | 208                 | 60 | 1     | 47  | 50   | 80                                                | 67        | 95            | 24,000          | 16,800             | 70                                                | 47            | 22,800          | 4.1   | 15.0 | 1 @ 11.5 | 0.77  | 208           | 60                 | 1                   | 15  | 25   | ①②③ |  |         |
| AHU#8                                | 3 TONS             | 1050         | 110       | 0.5" | 1/2         | 7.20       | 208                 | 60 | 1     | 48  | 50   | 80                                                | 67        | 95            | 36,000          | 42,000             | 70                                                | 47            | 34,200          | 4.1   | 15.0 | 1 @ 14.1 | 0.64  | 208           | 60                 | 1                   | 18  | 30   | ①②③ |  |         |

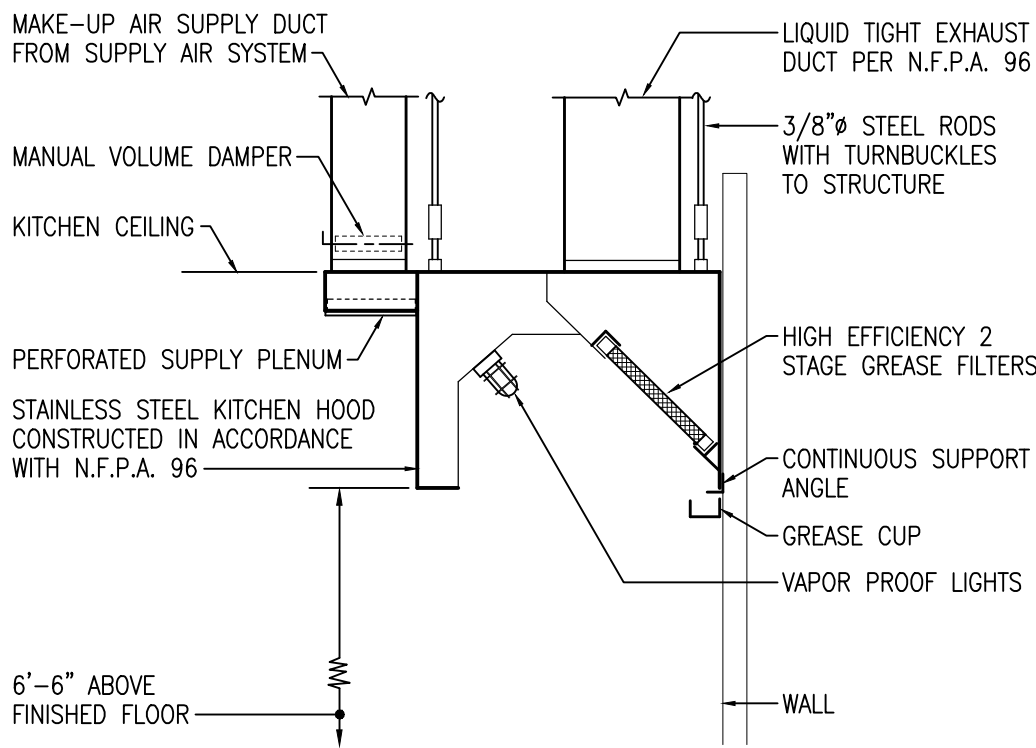
- NOTES:
1. THE HEAT PUMP SHALL OPERATE AS STAGE 1 HEATING. THE ELECTRIC STRIP HEAT SHALL OPERATE AS STAGE 2 HEATING AND DEFROST CYCLE. DURING STAGE 2 HEATING, THE COMPRESSOR AND THE ELECTRIC STRIP HEAT SHALL OPERATE SIMULTANEOUSLY.
  2. PROVIDE SINGLE POINT CONNECTION FOR AIR HANDLING UNIT BLOWER AND STRIP HEAT.
  3. BASIS OF DESIGN - TRANE GAM5B SPLIT SYSTEM AIR HANDLER 2-5 TON (208V, 60hz, 1Ø) & 4TWL5 HEAT PUMP 2-5 TON (208V, 60hz, 1Ø).

| KITCHEN FAN SCHEDULE |           |           |         |            |              |                |                |           |                 |    |       |         |
|----------------------|-----------|-----------|---------|------------|--------------|----------------|----------------|-----------|-----------------|----|-------|---------|
| MARK                 | TOTAL CFM | TSP IN WC | MAX RPM | TYPE DRIVE | TYPE FAN     | INTERLOCK WITH | MOTOR HP/WATTS | MAX SONES | ELECTRICAL DATA |    |       | REMARKS |
|                      |           |           |         |            |              |                |                |           | VOLTS           | Hz | PHASE |         |
| HEF#1                | 690       | 0.6       | 1500    | BELT       | ROOF MOUNTED | HOOD SWITCH    | 0.5 HP         | 17.0      | 120             | 60 | 1     | ①②③④    |
| HEF#1                | 1000      | 0.6       | 1500    | BELT       | ROOF MOUNTED | HOOD SWITCH    | 0.75 HP        | 17.0      | 120             | 60 | 1     | ①②③④    |
| KEF#1                | 2200      | 1.50      | 1190    | BELT       | ROOF MOUNTED | HOOD SWITCH    | 1.5 HP         | 17.0      | 208             | 60 | 3     | ①②③④⑤   |
| KSF#1                | 1760      | 0.5       | 1697    | BELT       | ROOF MOUNTED | HOOD SWITCH    | 1.0 HP         | 20.9      | 208             | 60 | 3     | ①②③④⑤   |

- NOTES:
1. PROVIDE WITH ALUMINUM GRILLE.
  2. PROVIDE WITH ROUND TO RECTANGULAR TRANSITION.
  3. PROVIDE WITH INTEGRAL DISCONNECT.
  4. PROVIDE WITH THERMAL OVERLOAD.
  5. PROVIDE KITCHEN HOOD WITH INTEGRAL HEAT SENSOR. SENSOR TO ACTIVATE KEF/KSF#1 WHEN TEMPERATURE LIMITS ARE MET.

| PACKAGED ROOFTOP 100% OUTSIDE AIR UNIT SCHEDULE |              |           |     |        |                                               |           |           |           |           |                 |                    |                          |                    |                      |    |       |      |      |      |         |
|-------------------------------------------------|--------------|-----------|-----|--------|-----------------------------------------------|-----------|-----------|-----------|-----------|-----------------|--------------------|--------------------------|--------------------|----------------------|----|-------|------|------|------|---------|
| MARK                                            | AHU DATA     |           |     |        | COOLING CAPACITY @<br>ARI STANDARD CONDITIONS |           |           |           |           |                 |                    | CALCULATED<br>EFFICIENCY | BASIS OF<br>DESIGN | UNIT ELECTRICAL DATA |    |       |      |      |      | REMARKS |
|                                                 | TOTAL<br>CFM | OA<br>CFM | ESP | MOTOR  | AMBIENT                                       | EDB<br>°F | EWB<br>°F | LDB<br>°F | LWB<br>°F | TOTAL<br>BTU/Hr | SENSIBLE<br>BTU/Hr |                          |                    | VOLTS                | Hz | PHASE | FLA  | MCA  | MOCP |         |
| OAU#1                                           | 1800         | 1800      | 0.5 | 1.0 HP | 95.0                                          | 93.5      | 80.1      | 48.8      | 48.2      | 186,000         | 81,400             | 8.1                      | TRANE<br>VALENT    | 208                  | 60 | 3     | 71.9 | 89.9 | 125  | 12      |

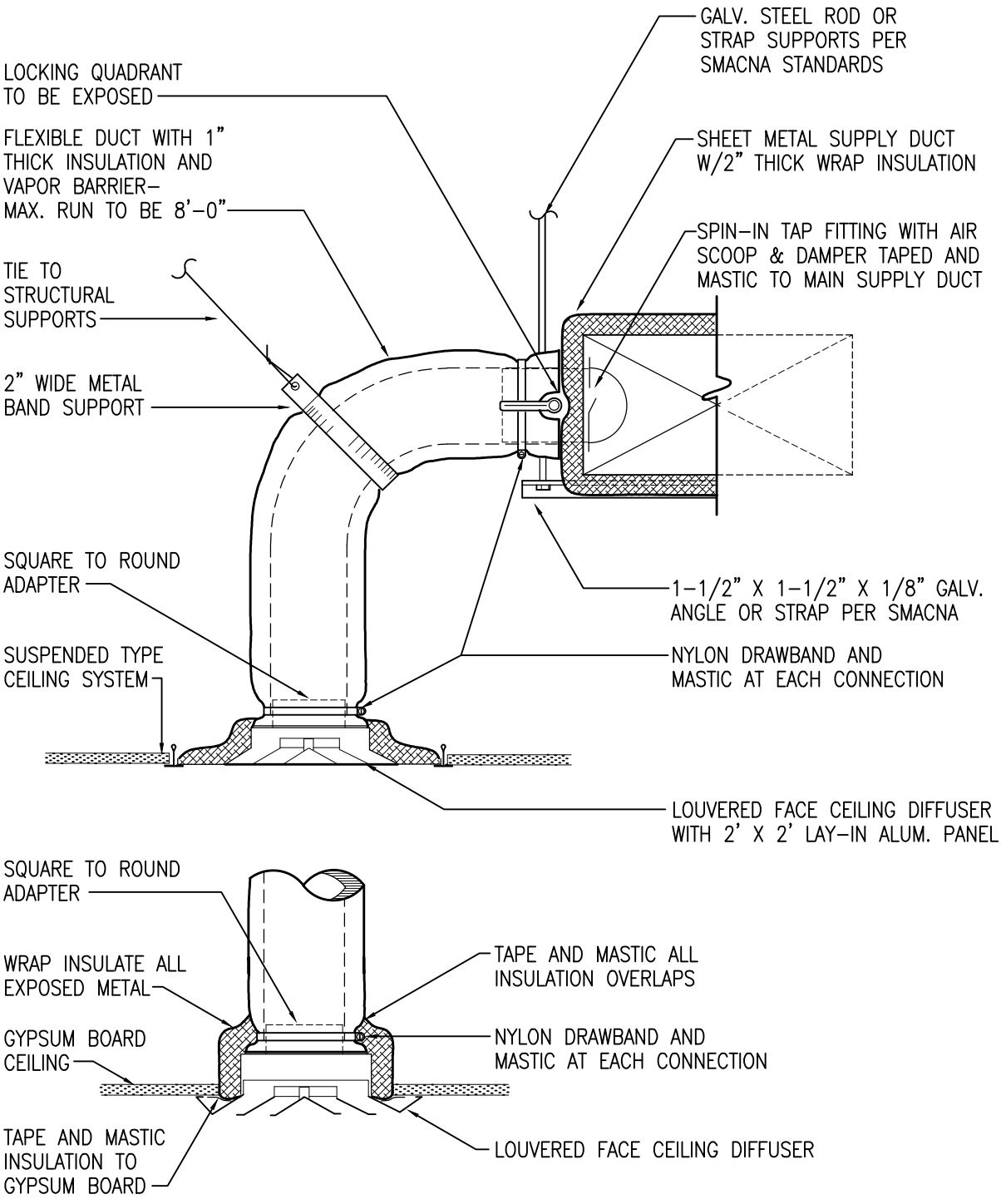
- NOTES:
1. PROVIDE UNIT WITH INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL IS NOT ACCEPTABLE.
  2. BASIS OF DESIGN - TRANE VALENT MODEL VX-112-151-1-F2.



NOTE: COORDINATE HOOD TYPE AND SIZE WITH OWNER AND KITCHEN EQUIPMENT PROVIDER PRIOR TO ORDERING. REFERENCE MECHANICAL SPECIFICATIONS. PROVIDE CLEAN OUTS ON KITCHEN HOOD EXHAUST DUCTS.

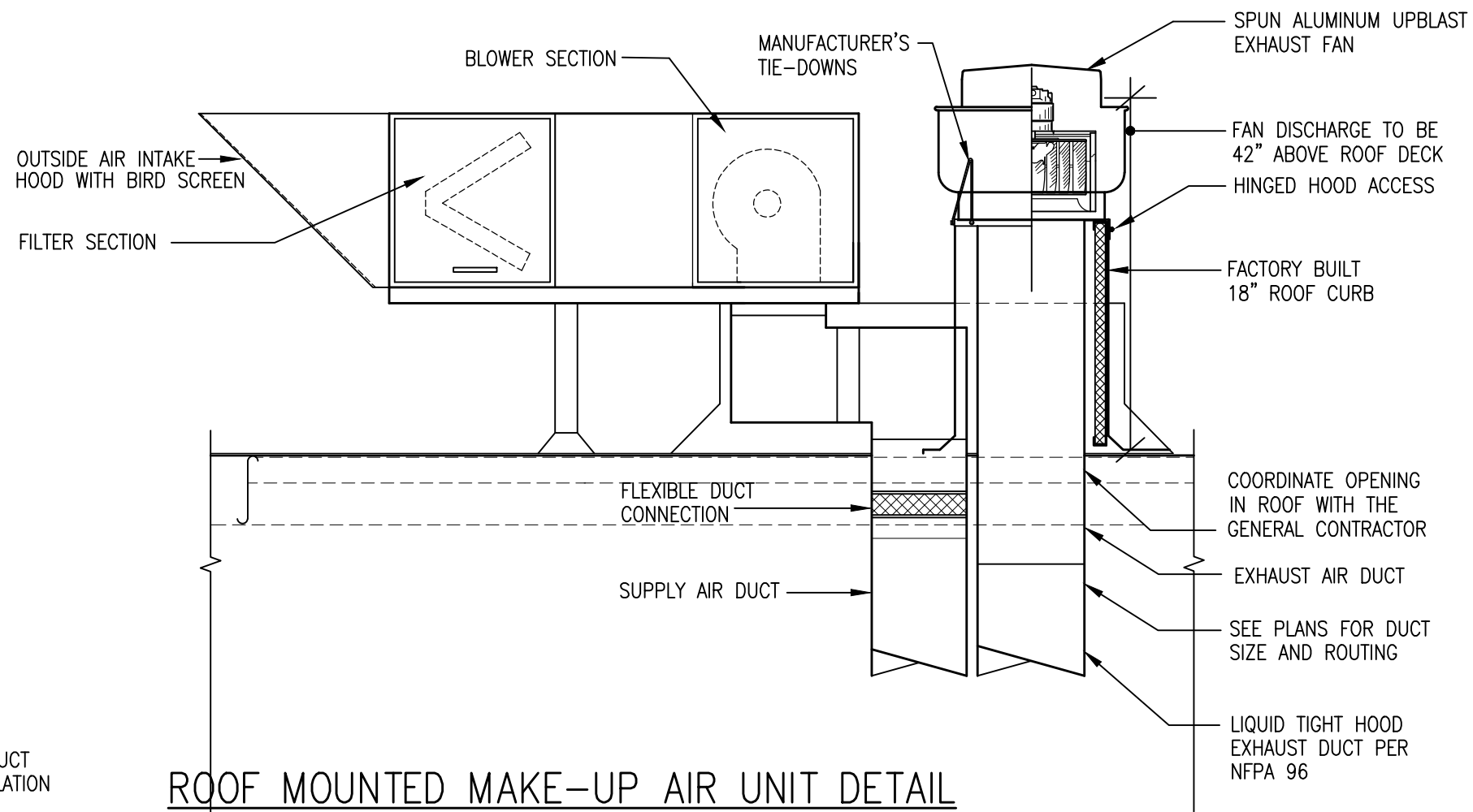
#### TYPICAL KITCHEN HOOD DETAIL

NOT TO SCALE



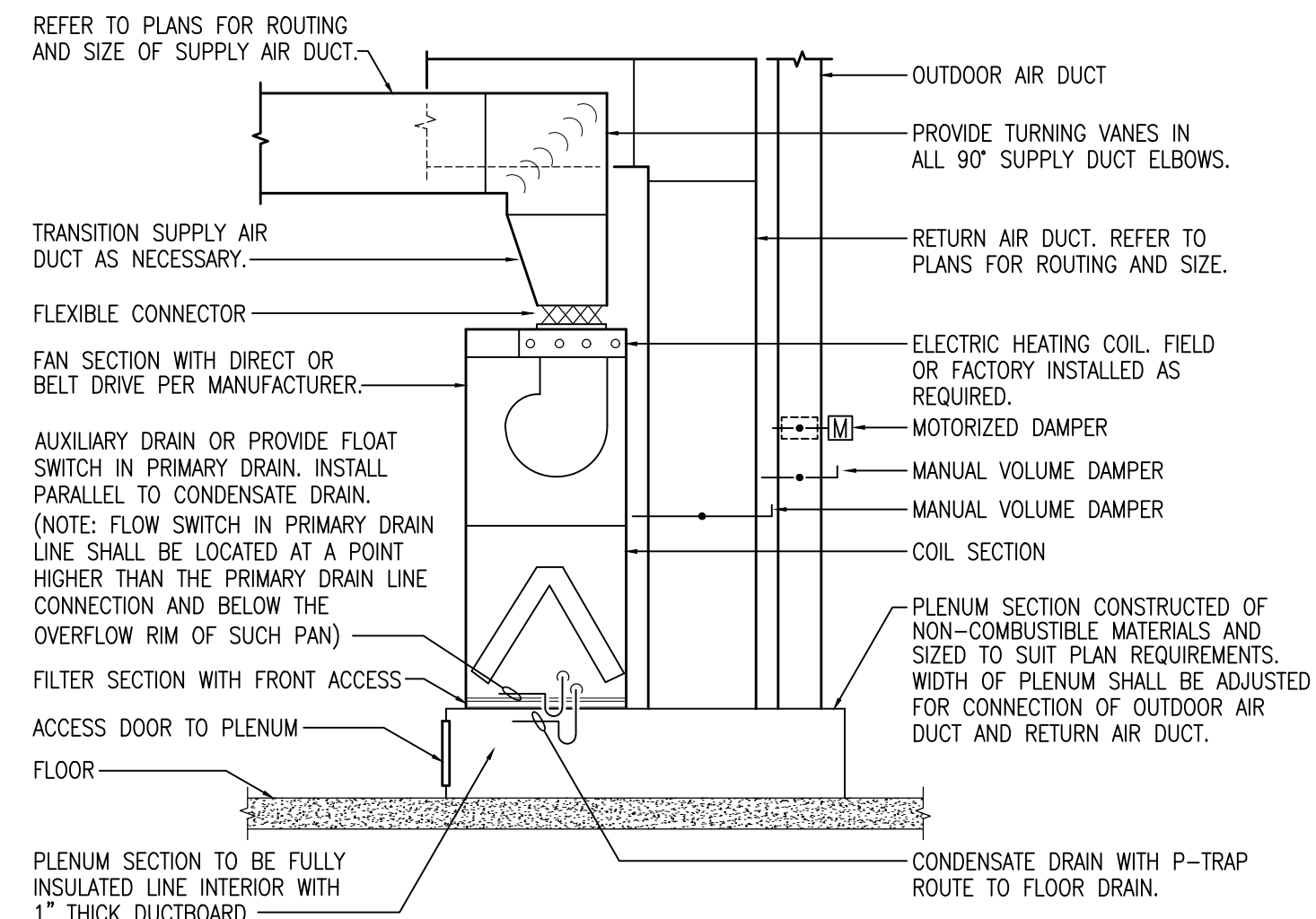
#### TYPICAL CEILING DIFFUSER DETAIL

NOT TO SCALE



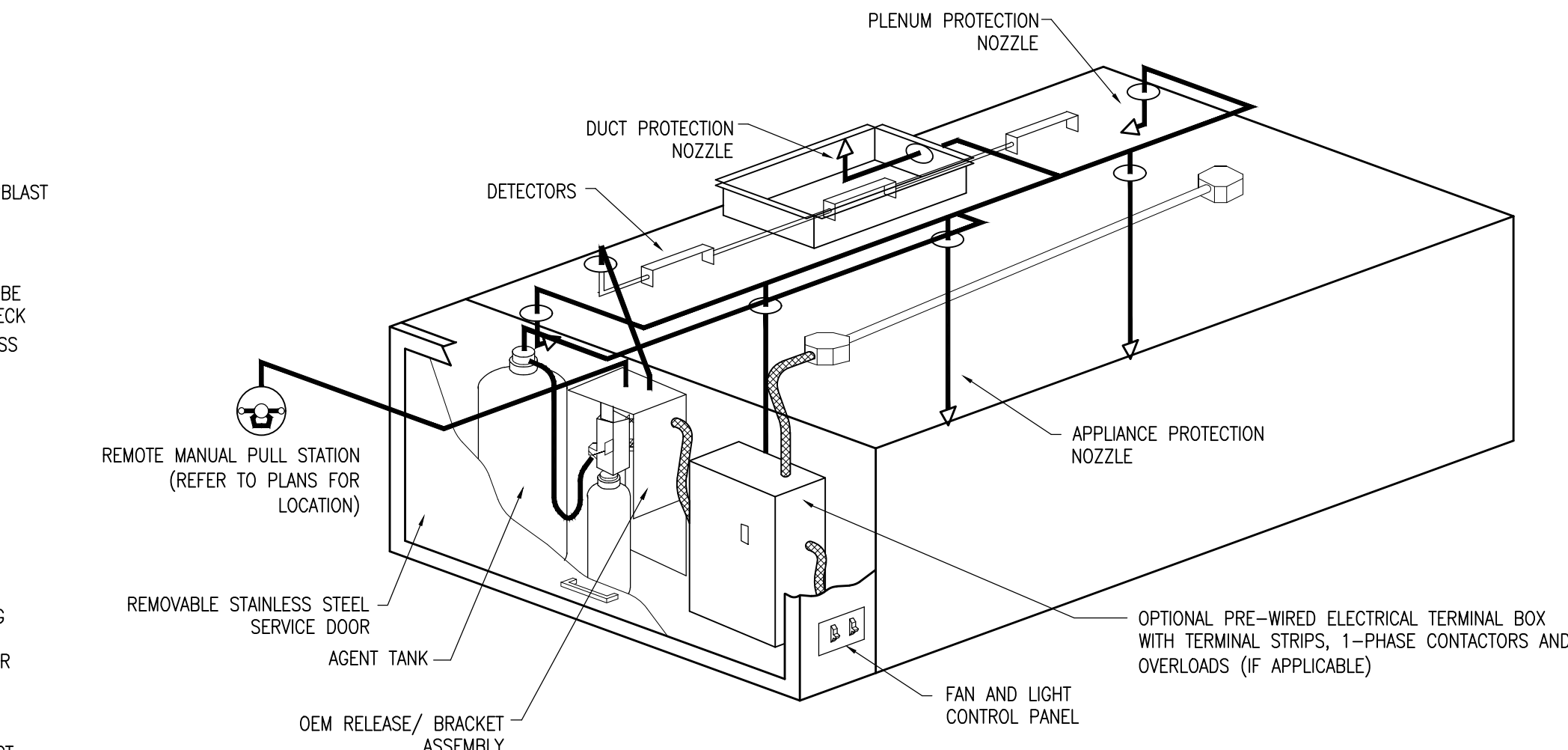
#### ROOF MOUNTED MAKE-UP AIR UNIT DETAIL

NOT TO SCALE



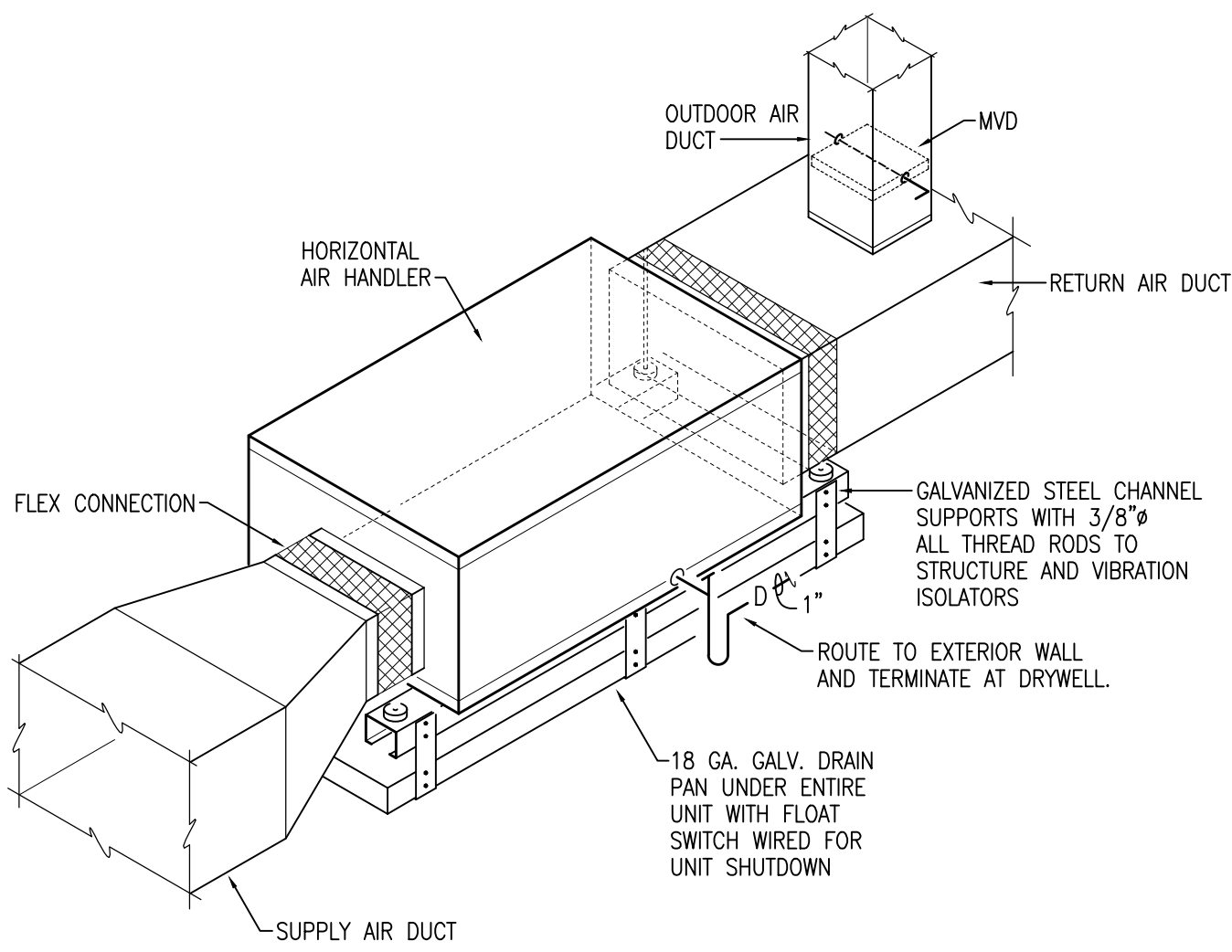
#### TYPICAL VERTICAL AHU DETAIL

NOT TO SCALE



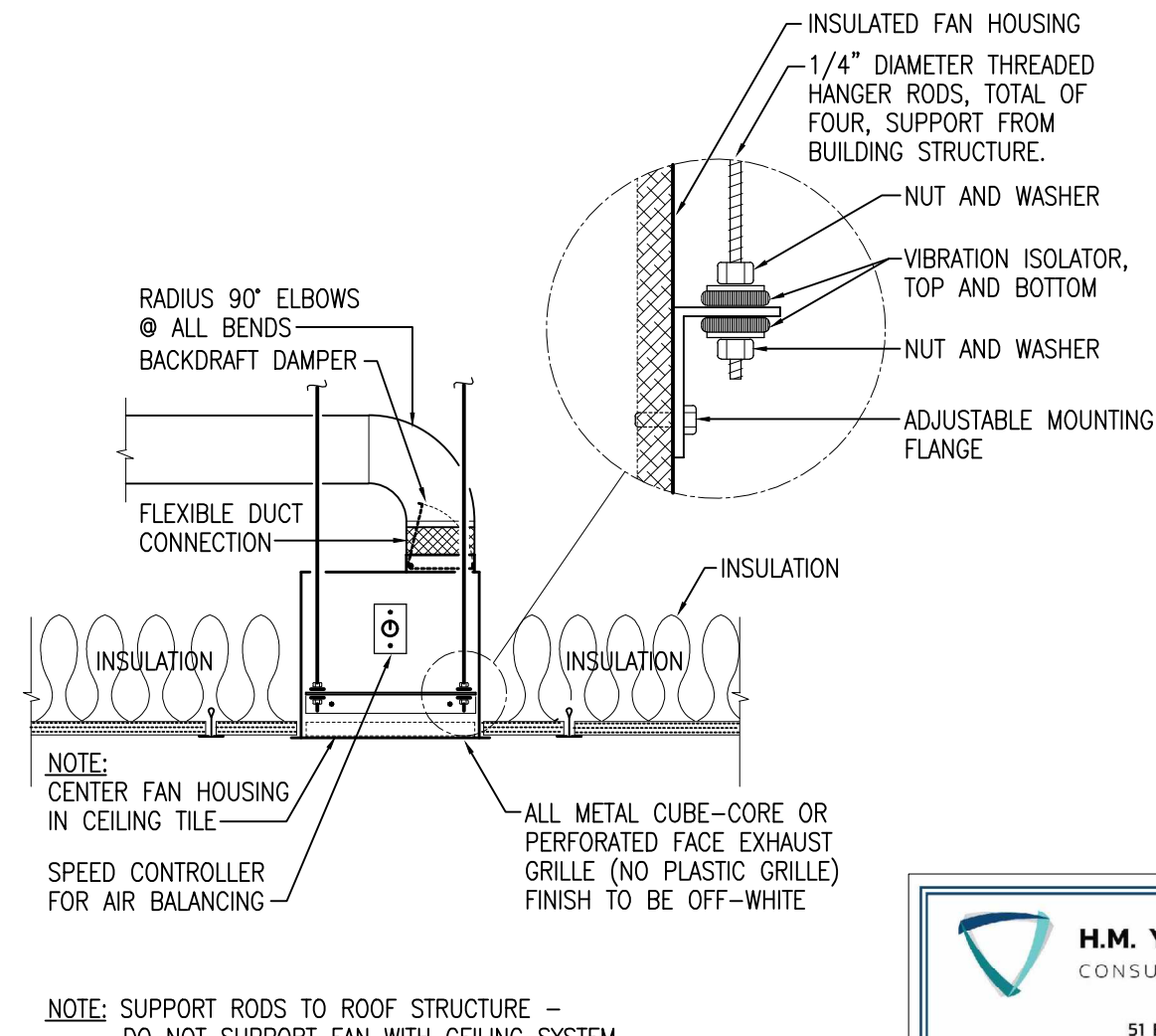
#### TYPICAL ANSUL R-102 SYSTEM LAYOUT FOR TYPE I HOOD

NOT TO SCALE



#### TYPICAL HORIZONTAL AHU DETAIL

NOT TO SCALE



NOTE: SUPPORT RODS TO ROOF STRUCTURE - DO NOT SUPPORT FAN WITH CEILING SYSTEM

#### TYPICAL EXHAUST FAN DETAIL

NOT TO SCALE

| AIR DEVICE SCHEDULE |         |         |                 |                      |                |
|---------------------|---------|---------|-----------------|----------------------|----------------|
| MARK                | CFM     | MAX. NC | AIR DEVICE SIZE | DUCT CONNECTION SIZE | REMARKS (TYPE) |
| 0-75                | 0-75    | 25      | 6"x6"           | 6"                   | CD             |
| 76-150              | 76-150  | 25      | 9"x6"           | 7"                   | CD             |
| 151-200             | 151-200 | 25      | 9"x9"           | 8"                   | CD             |
| 201-300             | 201-300 | 25      | 9"x9"           | 9"                   | CD             |
| 301-400             | 301-400 | 25      | 9"x12"          | 10"                  | CD             |
| 401-500             | 401-500 | 25      | 12"x12"         | 12"                  | CD             |
| 501-625             | 501-625 | 25      | 15"x12"         | 12"                  | CD             |
| ---                 | ---     | ---     | ---             | ---                  | ---            |
| 0-150               | 0-150   | 25      | 8"x8"           | SEE PLANS            | RAR/TG/SWTC    |
| 151-450             | 151-450 | 25      | 12"x12"         | SEE PLANS            | RAR/TG/SWTC    |
| 451-600             | 451-600 | 25      | 14"x14"         | SEE PLANS            | RAR/TG/SWTC    |

- NOTES:
1. PROVIDE 24"x24" PANEL FOR ALL AIR DEVICES IN LAY-IN CEILING.
  2. PROVIDE DUCT CONNECTION SIZE SHOWN UNLESS OTHERWISE NOTED ON PLANS.
  3. AIR DEVICE SIZES SHOWN ON PLANS TAKE PRECEDENCE OVER THIS SCHEDULE.

#### MECHANICAL LEGEND

|     |                                                                     |
|-----|---------------------------------------------------------------------|
| AHU | AIR HANDLING UNIT                                                   |
| CD  | CEILING DIFFUSER                                                    |
| CFM | CUBIC FEET PER MINUTE                                               |
| EF  | EXHAUST FAN                                                         |
| MVD | MANUAL VOLUME DAMPER                                                |
| OA  | OUTDOOR AIR                                                         |
| RA  | RETURN AIR                                                          |
| RAR | RETURN AIR REGISTER                                                 |
| SA  | SUPPLY AIR                                                          |
| TG  | TRANSFER GRILLE                                                     |
| TYP | TYPICAL                                                             |
|     | CEILING DIFFUSER WITH THROW INDICATION                              |
|     | EXHAUST/RETURN AIR DEVICE                                           |
|     | FLEXIBLE DUCT                                                       |
|     | DUCTWORK (DIMENSIONS: WIDTH X HEIGHT)                               |
|     | FLEX DUCT TAKE-OFF WITH AIR-SCOOP, SPIN-IN TAP AND BALANCING DAMPER |
|     | ELBOW WITH TURNING VANES                                            |
|     | DUCT CONNECTION OVER AIR DEVICE                                     |
|     | RETURN AIR DUCT IN SECTION                                          |
|     | SUPPLY AIR DUCT IN SECTION                                          |
|     | MOTORIZED DAMPER                                                    |
|     | THERMOSTAT WITH EQUIPMENT # SERVED MOUNT 54" A.F.F. TO CENTER       |
|     | 5/8" DOOR UNDERCUT                                                  |
|     | MANUAL VOLUME DAMPER                                                |

**H.M. YONGE & ASSOCIATES, INC.**  
CONSULTING ENGINEERS // EST. 1988

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CERTIFICATION OF AUTHORIZATION No. 5254  
MECHANICAL ENGINEER: HOWARD M. YONGE, P.E. FLORIDA REG No. 32093

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CERTIFICATION :



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REVISIONS :

DRAWN BY : A. HASKEW

CHECKED BY : H.M. YONGE

PROJECT NO. 2412

DATE : 05/07/25

SHEET TITLE :

#### HVAC DETAILS

SHEET NO. :

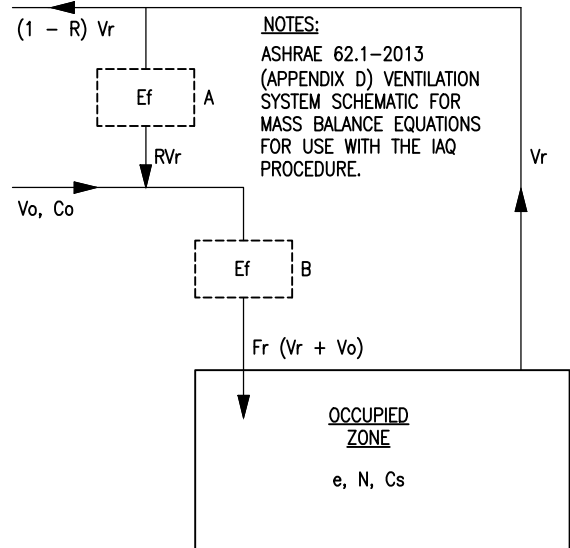
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| OUTSIDE AIR VENTILATION RATES<br>IAQ PROCEDURE – 2021 IMC |                    |                               |                                         |                        |                                     |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
|-----------------------------------------------------------|--------------------|-------------------------------|-----------------------------------------|------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------|---------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| ZONE TAG                                                  | FACILITY TYPE      | ZONE USE                      | ZONE FLOOR AREA (SF) Az                 | ZONE MAX. OCCUPANCY Rp | TABLE 6.1 OA/person (Rp)            | TABLE 6.1 cfm/ft2 (Ra)                                                                                                                                 | Pz*Rp             | Az*Ra | TABLE 6.2 VENTILATION EFF. (Ez) | ZONE OA (CFM) |                                                                                                                                                                                         |  |  |  |  |
| AHU#1                                                     | FOOD & BEVERAGE    | KITCHEN                       | 900 ④                                   | 5                      | 7.5                                 | 0.12                                                                                                                                                   | 38                | 108   | 0.8                             | 182 ③         |                                                                                                                                                                                         |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| ZONE HEIGHT (FT)                                          |                    | 10                            | AIR CHANGES/HOUR                        |                        |                                     | 11.3                                                                                                                                                   |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| DESIRED OA (Vo) IAQ                                       |                    | 180                           | OA PER VRP                              |                        |                                     | 182 CFM                                                                                                                                                | VRP OA CFM/PERSON |       | 36.4                            |               |                                                                                                                                                                                         |  |  |  |  |
| MAX/MIN SA (Vs)                                           |                    | 1700                          | OA PER IAQ                              |                        |                                     | 180 CFM                                                                                                                                                | IAQ OA CFM/PERSON |       | 36.0                            |               |                                                                                                                                                                                         |  |  |  |  |
| RETURN AIR (Vr)                                           |                    | 1520                          | OA SAVINGS                              |                        |                                     | 2 CFM                                                                                                                                                  |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| RECIRC. FLOW FACTOR(R)                                    |                    | 0.89                          | OA DRY BULB                             |                        |                                     | 95 °F                                                                                                                                                  |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| VENT. EFF. (Ez)                                           |                    | 0.8                           | OA WET BULB                             |                        |                                     | 80 °F                                                                                                                                                  |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| PHYSICAL ACTIVITY                                         |                    | STANDING (DESK WORK)          | COIL LVG. DRY BULB                      |                        |                                     | 55 °F                                                                                                                                                  |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| FILTER LOCATION                                           |                    | B                             | COIL LVG. WET BULB                      |                        |                                     | 54 °F                                                                                                                                                  |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| HVAC FLOW TYPE                                            |                    | CONSTANT                      |                                         |                        |                                     |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| OA FLOW TYPE                                              |                    | CONSTANT                      |                                         |                        |                                     |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| CONTAMINANT OF CONCERN                                    | CONTAMINANT SOURCE | MAXIMUM THRESHOLD VALUE (PPM) | STEADY STATE USING VRP                  | STEADY STATE USING IAQ | STEADY STATE LEVEL OK @ REDUCED OA? | <div><p>NOTES:<br/>ASHRAE 62.1-2013<br/>(APPENDIX D) VENTILATION SYSTEM SCHEMATIC FOR MASS BALANCE EQUATIONS FOR USE WITH THE IAQ PROCEDURE.</p></div> |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| ACETALDEHYDE                                              | PEOPLE             | 100                           | 0.01112                                 | 0.00015                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| ACETONE                                                   | PEOPLE             | 250                           | 0.00167                                 | 0.00013                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| AMMONIA                                                   | PEOPLE             | 25                            | 0.01523                                 | 0.00373                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| BENZENE                                                   | PEOPLE             | 1                             | 0.00252                                 | 0.00004                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| 2-BUTANONE (MEK)                                          | PEOPLE             | 200                           | 0.00019                                 | 0.00002                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| CARBON DIOXIDE                                            | PEOPLE             | 5000                          | 730                                     | 735                    | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| CHLOROFORM                                                | PEOPLE             | 2                             | 0.00011                                 | 0.00002                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| DIOXANE                                                   | PEOPLE             | 100                           | 0                                       | 0                      | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| HYDROGEN SULFIDE                                          | PEOPLE             | 10                            | 0                                       | 0                      | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| METHANE                                                   | PEOPLE             | N/A                           | 1.68094                                 | 1.68094                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| METHANOL                                                  | PEOPLE             | 200                           | 0                                       | 0                      | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| METHYLENE CHLORIDE                                        | PEOPLE             | 25                            | 0.00077                                 | 0.00003                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| PROPANE                                                   | PEOPLE             | 1000                          | 0.00998                                 | 0.00998                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| TETRACHLOROETHANE                                         | PEOPLE             | 5                             | 0                                       | 0                      | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| TETRACHLOROETHYLENE                                       | PEOPLE             | 100                           | 0.00037                                 | 0.00001                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| TOLUENE                                                   | PEOPLE             | 100                           | 0.00533                                 | 0.00007                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| TRICHLOROETHANE                                           | PEOPLE             | 350                           | 0.00077                                 | 0.02                   | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
| XYLENE                                                    | PEOPLE             | 100                           | 0.00230                                 | 0.00003                | YES                                 |                                                                                                                                                        |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                        |                   |       |                                 |               | ① IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCESS FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY. |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                        |                   |       |                                 |               | ② ALL VALUES LISTED IN PARTS PER MILLION (PPM) UNLESS OTHERWISE NOTED.                                                                                                                  |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     | ③ OUTSIDE AIR REQUIRED PER VENTILATION RATE PRACTICE (VRP).                                                                                            |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     | ④ OUTSIDE AIR IAQ CALCULATION FOR TOTAL SOLID AREA.                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |
|                                                           |                    |                               | IS IAQ ACCEPTABLE AT REDUCED OA LEVELS? |                        |                                     | YES                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                         |  |  |  |  |

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.



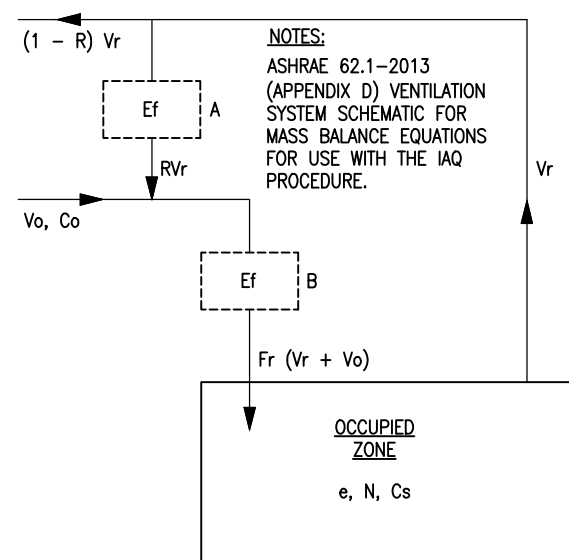
NOTES:

- ① IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- ② ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- ③ OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
- ④ OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

| OUTSIDE AIR VENTILATION RATES<br>IAQ PROCEDURE – 2021 IMC |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
|-----------------------------------------------------------|--------------------|-------------------------------|-----------------------------------------|------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------|---------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| ZONE TAG                                                  | FACILITY TYPE      | ZONE USE                      | ZONE FLOOR AREA (SF) Az                 | ZONE MAX OCCUPANCY Rp  | TABLE 6.1 OA/person (Rp)            | TABLE 6.1 cfm/ft2 (Ra)                                                                                                                                                                                                           | Pz*Rp   | Az*Ra             | TABLE 6.2 VENTILATION EFF. (Ez) | ZONE OA (CFM) |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| AHU#2                                                     | FOOD & BEVERAGE    | KITCHEN                       | 560                                     | ④                      | 5.0                                 | 7.5                                                                                                                                                                                                                              | 0.12    | 38                | 67                              | 0.8           | 131 ③                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |
|                                                           |                    | DINING                        | 650                                     | ④                      | 10.0                                | 7.5                                                                                                                                                                                                                              | 0.18    | 75                | 117                             | 0.8           | 240 ③                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| ZONE HEIGHT (FT)                                          |                    |                               | 12                                      | AIR CHANGES/HOUR       |                                     |                                                                                                                                                                                                                                  | 7.6     |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| DESIRED OA (Vo) IAQ                                       |                    |                               | 200                                     | OA PER VRP             |                                     |                                                                                                                                                                                                                                  | 371 CFM | VRP OA CFM/PERSON |                                 | 24.7          |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| MAX/MIN SA (Vs)                                           |                    |                               | 1925                                    | OA PER IAQ             |                                     |                                                                                                                                                                                                                                  | 200 CFM | IAQ OA CFM/PERSON |                                 | 13.3          |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| RETURN AIR (Vr)                                           |                    |                               | 1725                                    | OA SAVINGS             |                                     |                                                                                                                                                                                                                                  | 171 CFM |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| RECIRC. FLOW FACTOR(R)                                    |                    |                               | 0.90                                    | OA DRY BULB            |                                     |                                                                                                                                                                                                                                  | 95 °F   |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| VENT. EFF. (Ez)                                           |                    |                               | 0.8                                     | OA WET BULB            |                                     |                                                                                                                                                                                                                                  | 80 °F   |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| PHYSICAL ACTIVITY                                         |                    |                               | STANDING (DESK WORK)                    | COIL LVG. DRY BULB     |                                     |                                                                                                                                                                                                                                  | 55 °F   |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| FILTER LOCATION                                           |                    |                               | B                                       | COIL LVG. WET BULB     |                                     |                                                                                                                                                                                                                                  | 54 °F   |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| HVAC FLOW TYPE                                            |                    |                               | CONSTANT                                |                        |                                     |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| OA FLOW TYPE                                              |                    |                               | CONSTANT                                |                        |                                     |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| CONTAMINANT OF CONCERN                                    | CONTAMINANT SOURCE | MAXIMUM THRESHOLD VALUE (PPM) | STEADY STATE USING VRP                  | STEADY STATE USING IAQ | STEADY STATE LEVEL OK @ REDUCED OA? | <div><p>(1 – R) Vr</p><p>NOTES: ASHRAE 62.1–2013 (APPENDIX D) VENTILATION SYSTEM SCHEMATIC FOR MASS BALANCE EQUATIONS FOR USE WITH THE IAQ PROCEDURE:</p><p>Vo, Co</p><p>Fr (Vr + Vo)</p><p>OCCUPIED ZONE<br/>e. N. Ca</p></div> |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| ACETALDEHYDE                                              | PEOPLE             | 100                           | 0.01112                                 | 0.00015                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| ACETONE                                                   | PEOPLE             | 250                           | 0.00167                                 | 0.00013                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| AMMONIA                                                   | PEOPLE             | 25                            | 0.01523                                 | 0.00373                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| BENZENE                                                   | PEOPLE             | 1                             | 0.00252                                 | 0.00004                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| 2-BUTANONE (MEK)                                          | PEOPLE             | 200                           | 0.00019                                 | 0.00002                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| CARBON DIOXIDE                                            | PEOPLE             | 5000                          | 900                                     | 1002                   | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| CHLOROFORM                                                | PEOPLE             | 2                             | 0.00011                                 | 0.00002                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| DIOXANE                                                   | PEOPLE             | 100                           | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| HYDROGEN SULFIDE                                          | PEOPLE             | 10                            | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| METHANE                                                   | PEOPLE             | N/A                           | 1.68094                                 | 1.68094                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| METHANOL                                                  | PEOPLE             | 200                           | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| METHYLENE CHLORIDE                                        | PEOPLE             | 25                            | 0.00077                                 | 0.00003                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| PROPANE                                                   | PEOPLE             | 1000                          | 0.00998                                 | 0.00998                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| TETRACHLOROETHANE                                         | PEOPLE             | 5                             | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| TETRACHLOROETHYLENE                                       | PEOPLE             | 100                           | 0.00037                                 | 0.00001                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| TOLUENE                                                   | PEOPLE             | 100                           | 0.00533                                 | 0.00007                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| TRICHLOROETHANE                                           | PEOPLE             | 350                           | 0.00077                                 | 0.02                   | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| XYLENE                                                    | PEOPLE             | 100                           | 0.00230                                 | 0.00003                | YES                                 |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                  |         |                   |                                 |               | <div><p>NOTES:</p><p>① IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013 SECTION 6.1.2 &amp; 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.</p><p>② ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.</p><p>③ OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).</p><p>④ OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.</p></div> |  |  |  |  |
|                                                           |                    |                               | IS IAQ ACCEPTABLE AT REDUCED OA LEVELS? |                        |                                     |                                                                                                                                                                                                                                  |         |                   |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.



NOTES:

- ① IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- ② ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- ③ OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
- ④ OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

| OUTSIDE AIR VENTILATION RATES<br>IAQ PROCEDURE – 2021 IMC |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
|-----------------------------------------------------------|--------------------|-------------------------------|-----------------------------------------|------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------|---------------------------------|---------------|
| ZONE TAG                                                  | FACILITY TYPE      | ZONE USE                      | ZONE FLOOR AREA (SF) Az                 | ZONE MAX OCCUPANCY Rp  | TABLE 6.1 OA/person (Rp)            | TABLE 6.1 cfm/ft2 (Ra)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Pz*Rp             | Az*Ra | TABLE 6.2 VENTILATION EFF. (Ez) | ZONE OA (CFM) |
| AHU#3                                                     | FOOD & BEVERAGE    | DINING                        | 450 ④                                   | 16                     | 7.5                                 | 0.18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 120               | 81    | 0.8                             | 251 ③         |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| ZONE HEIGHT (FT)                                          |                    | 12                            | AIR CHANGES/HOUR                        |                        |                                     | 14.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |       |                                 |               |
| DESIRED OA (Vo) IAQ                                       |                    | 130                           | OA PER VRP                              |                        |                                     | 251 CFM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VRP OA CFM/PERSON |       | 15.7                            |               |
| MAX/MIN SA (Vs)                                           |                    | 1260                          | OA PER IAQ                              |                        |                                     | 130 CFM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IAQ OA CFM/PERSON |       | 8.1                             |               |
| RETURN AIR (Vr)                                           |                    | 1130                          | OA SAVINGS                              |                        |                                     | 121 CFM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |       |                                 |               |
| RECIRC. FLOW FACTOR(R)                                    |                    | 0.90                          | OA DRY BULB                             |                        |                                     | 95 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |       |                                 |               |
| VENT. EFF. (Ez)                                           |                    | 0.8                           | OA WET BULB                             |                        |                                     | 80 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |       |                                 |               |
| PHYSICAL ACTIVITY                                         |                    | STANDING (DESK WORK)          | COIL LVG. DRY BULB                      |                        |                                     | 55 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |       |                                 |               |
| FILTER LOCATION                                           |                    | B                             | COIL LVG. WET BULB                      |                        |                                     | 54 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |       |                                 |               |
| HVAC FLOW TYPE                                            |                    | CONSTANT                      |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| OA FLOW TYPE                                              |                    | CONSTANT                      |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| CONTAMINANT OF CONCERN                                    | CONTAMINANT SOURCE | MAXIMUM THRESHOLD VALUE (PPM) | STEADY STATE USING VRP                  | STEADY STATE USING IAQ | STEADY STATE LEVEL OK @ REDUCED OA? | <div><p>NOTES:</p><p>ASHRAE 62.1-2013 (APPENDIX D) VENTILATION SYSTEM SCHEMATIC FOR MASS BALANCE EQUATIONS FOR USE WITH THE IAQ PROCEDURE.</p><p>① IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-1 SECTION 6.1.2 &amp; 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.</p><p>② ALL VALUES LISTED IN PARTS PER MILLION (PPM) UNLESS OTHERWISE NOTED.</p><p>③ OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).</p><p>④ OUTSIDE IAQ AIR CALCULATION FOR TOTAL SEAT AREA.</p></div> |                   |       |                                 |               |
| ACETALDEHYDE                                              | PEOPLE             | 100                           | 0.01112                                 | 0.00015                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| ACETONE                                                   | PEOPLE             | 250                           | 0.00167                                 | 0.00013                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| AMMONIA                                                   | PEOPLE             | 25                            | 0.01523                                 | 0.00373                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| BENZENE                                                   | PEOPLE             | 1                             | 0.00252                                 | 0.00004                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| 2-BUTANONE (MEK)                                          | PEOPLE             | 200                           | 0.00019                                 | 0.00002                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| CARBON DIOXIDE                                            | PEOPLE             | 5000                          | 1164                                    | 1879                   | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| CHLOROFORM                                                | PEOPLE             | 2                             | 0.00011                                 | 0.00002                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| DIOXANE                                                   | PEOPLE             | 100                           | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| HYDROGEN SULFIDE                                          | PEOPLE             | 10                            | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| METHANE                                                   | PEOPLE             | N/A                           | 1.68094                                 | 1.68094                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| METHANOL                                                  | PEOPLE             | 200                           | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| METHYLENE CHLORIDE                                        | PEOPLE             | 25                            | 0.00077                                 | 0.00003                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| PROPANE                                                   | PEOPLE             | 1000                          | 0.00998                                 | 0.00998                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| TETRACHLOROETHANE                                         | PEOPLE             | 5                             | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| TETRACHLOROETHYLENE                                       | PEOPLE             | 100                           | 0.00037                                 | 0.00001                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| TOLUENE                                                   | PEOPLE             | 100                           | 0.00533                                 | 0.00007                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| TRICHLOROETHANE                                           | PEOPLE             | 350                           | 0.00077                                 | 0.02                   | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
| XYLENE                                                    | PEOPLE             | 100                           | 0.00230                                 | 0.00003                | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |
|                                                           |                    |                               | IS IAQ ACCEPTABLE AT REDUCED OA LEVELS? |                        | YES                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |       |                                 |               |

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

</

| OUTSIDE AIR VENTILATION RATES<br>IAQ PROCEDURE – 2021 IMC |                      |                               |                                         |                        |                                     |                        |                   |       |                                 |               |
|-----------------------------------------------------------|----------------------|-------------------------------|-----------------------------------------|------------------------|-------------------------------------|------------------------|-------------------|-------|---------------------------------|---------------|
| ZONE TAG                                                  | FACILITY TYPE        | ZONE USE                      | ZONE FLOOR AREA (SF) Az                 | ZONE MAX OCCUPANCY Rp  | TABLE 6.1 OA/person (Rp)            | TABLE 6.1 cfm/ft2 (Ra) | Pz*Rp             | Az*Ra | TABLE 6.2 VENTILATION EFF. (Ez) | ZONE OA (CFM) |
| AHU#5                                                     | FOOD & BEVERAGE      | KITCHEN                       | 365 ④                                   | 5                      | 7.5                                 | 0.12                   | 38                | 44    | 0.8                             | 102 ③         |
|                                                           |                      | DINING                        | 685 ④                                   | 20                     | 7.5                                 | 0.18                   | 150               | 123   | 0.8                             | 342 ③         |
|                                                           |                      |                               |                                         |                        |                                     |                        |                   |       |                                 |               |
| ZONE HEIGHT (FT)                                          | 12                   | AIR CHANGES/HOUR              |                                         |                        |                                     | 9.0                    |                   |       |                                 |               |
| DESIRED OA (Vo) IAQ                                       | 200                  | OA PER VRP                    |                                         |                        |                                     | 444 CFM                | VRP OA CFM/PERSON |       |                                 | 17.8          |
| MAX/MIN SA (Vs)                                           | 1900                 | OA PER IAQ                    |                                         |                        |                                     | 200 CFM                | IAQ OA CFM/PERSON |       |                                 | 8.0           |
| RETURN AIR (Vr)                                           | 1700                 | OA SAVINGS                    |                                         |                        |                                     | 244 CFM                |                   |       |                                 |               |
| RECIRC. FLOW FACTOR(R)                                    | 0.89                 | OA DRY BULB                   |                                         |                        |                                     | 95 °F                  |                   |       |                                 |               |
| VENT. EFF. (Ez)                                           | 0.8                  | OA WET BULB                   |                                         |                        |                                     | 80 °F                  |                   |       |                                 |               |
| PHYSICAL ACTIVITY                                         | STANDING (DESK WORK) | COIL LVG. DRY BULB            |                                         |                        |                                     | 55 °F                  |                   |       |                                 |               |
| FILTER LOCATION                                           | B                    | COIL LVG. WET BULB            |                                         |                        |                                     | 54 °F                  |                   |       |                                 |               |
| HVAC FLOW TYPE                                            | CONSTANT             |                               |                                         |                        |                                     |                        |                   |       |                                 |               |
| OA FLOW TYPE                                              | CONSTANT             |                               |                                         |                        |                                     |                        |                   |       |                                 |               |
| CONTAMINANT OF CONCERN                                    | CONTAMINANT SOURCE   | MAXIMUM THRESHOLD VALUE (PPM) | STEADY STATE USING VRP                  | STEADY STATE USING IAQ | STEADY STATE LEVEL OK @ REDUCED OA? |                        |                   |       |                                 |               |
| ACETALDEHYDE                                              | PEOPLE               | 100                           | 0.01112                                 | 0.00015                | YES                                 |                        |                   |       |                                 |               |
| ACETONE                                                   | PEOPLE               | 250                           | 0.00167                                 | 0.00013                | YES                                 |                        |                   |       |                                 |               |
| AMMONIA                                                   | PEOPLE               | 25                            | 0.01523                                 | 0.00373                | YES                                 |                        |                   |       |                                 |               |
| BENZENE                                                   | PEOPLE               | 1                             | 0.00252                                 | 0.00004                | YES                                 |                        |                   |       |                                 |               |
| 2-BUTANONE (MEK)                                          | PEOPLE               | 200                           | 0.00019                                 | 0.00002                | YES                                 |                        |                   |       |                                 |               |
| CARBON DIOXIDE                                            | PEOPLE               | 5000                          | 1103                                    | 1602                   | YES                                 |                        |                   |       |                                 |               |
| CHLOROFORM                                                | PEOPLE               | 2                             | 0.00011                                 | 0.00002                | YES                                 |                        |                   |       |                                 |               |
| DIOXANE                                                   | PEOPLE               | 100                           | 0                                       | 0                      | YES                                 |                        |                   |       |                                 |               |
| HYDROGEN SULFIDE                                          | PEOPLE               | 10                            | 0                                       | 0                      | YES                                 |                        |                   |       |                                 |               |
| METHANE                                                   | PEOPLE               | N/A                           | 1.68094                                 | 1.68094                | YES                                 |                        |                   |       |                                 |               |
| METHANOL                                                  | PEOPLE               | 200                           | 0                                       | 0                      | YES                                 |                        |                   |       |                                 |               |
| METHYLENE CHLORIDE                                        | PEOPLE               | 25                            | 0.00077                                 | 0.00003                | YES                                 |                        |                   |       |                                 |               |
| PROPANE                                                   | PEOPLE               | 1000                          | 0.00998                                 | 0.00998                | YES                                 |                        |                   |       |                                 |               |
| TETRACHLOROETHANE                                         | PEOPLE               | 5                             | 0                                       | 0                      | YES                                 |                        |                   |       |                                 |               |
| TETRACHLOROETHYLENE                                       | PEOPLE               | 100                           | 0.00037                                 | 0.00001                | YES                                 |                        |                   |       |                                 |               |
| TOLUENE                                                   | PEOPLE               | 100                           | 0.00533                                 | 0.00007                | YES                                 |                        |                   |       |                                 |               |
| TRICHLOROETHANE                                           | PEOPLE               | 350                           | 0.00077                                 | 0.02                   | YES                                 |                        |                   |       |                                 |               |
| XYLENE                                                    | PEOPLE               | 100                           | 0.00230                                 | 0.00003                | YES                                 |                        |                   |       |                                 |               |
|                                                           |                      |                               | IS IAQ ACCEPTABLE AT REDUCED OA LEVELS? |                        | YES                                 |                        |                   |       |                                 |               |

NOTES:

- IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-1-1 SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
- ALL VALUES LISTED IN PARTS PER MILLION (PPM) UNLESS OTHERWISE NOTED.
- OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
- OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEVEN AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

| OUTSIDE AIR VENTILATION RATES<br>IAQ PROCEDURE – 2021 IMC |                      |                               |                         |                        |                                     |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
|-----------------------------------------------------------|----------------------|-------------------------------|-------------------------|------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------|---------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| ZONE TAG                                                  | FACILITY TYPE        | ZONE USE                      | ZONE FLOOR AREA (SF) Az | ZONE MAX. OCCUPANCY Rp | TABLE 6.1 OA/person (Rp)            | TABLE 6.1 cfm/ft2 (Ra)                                                                                                                             | Pz*Rp             | Az*Ra | TABLE 6.2 VENTILATION EFF. (Ez) | ZONE OA (CFM) |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| AHU#7                                                     | FOOD & BEVERAGE      | KITCHEN                       | 310 ④                   | 3                      | 7.5                                 | 0.12                                                                                                                                               | 23                | 37    | 0.8                             | 75 ③          |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
|                                                           |                      |                               |                         |                        |                                     |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| ZONE HEIGHT (FT)                                          | 10                   |                               | AIR CHANGES/HOUR        |                        |                                     | 13.4                                                                                                                                               |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| DESIRED OA (Vo) IAQ                                       | 70                   |                               | OA PER VRP              |                        |                                     | 75 CFM                                                                                                                                             | VRP OA CFM/PERSON |       |                                 | 24.9          |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| MAX/MIN SA (Vs)                                           | 690                  |                               | OA PER IAQ              |                        |                                     | 70 CFM                                                                                                                                             | IAQ OA CFM/PERSON |       |                                 | 23.3          |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| RETURN AIR (Vr)                                           | 620                  |                               | OA SAVINGS              |                        |                                     | 5 CFM                                                                                                                                              |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| RECIRC. FLOW FACTOR(R)                                    | 0.90                 |                               | OA DRY BULB             |                        |                                     | 95 °F                                                                                                                                              |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| VENT. EFF. (Ez)                                           | 0.8                  |                               | OA WET BULB             |                        |                                     | 80 °F                                                                                                                                              |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| PHYSICAL ACTIVITY                                         | STANDING (DESK WORK) |                               | COIL LVG. DRY BULB      |                        |                                     | 55 °F                                                                                                                                              |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| FILTER LOCATION                                           | B                    |                               | COIL LVG. WET BULB      |                        |                                     | 54 °F                                                                                                                                              |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| HVAC FLOW TYPE                                            | CONSTANT             |                               |                         |                        |                                     |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| OA FLOW TYPE                                              | CONSTANT             |                               |                         |                        |                                     |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
|                                                           |                      |                               |                         |                        |                                     |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| CONTAMINANT OF CONCERN                                    | CONTAMINANT SOURCE   | MAXIMUM THRESHOLD VALUE (PPM) | STEADY STATE USING VRP  | STEADY STATE USING IAQ | STEADY STATE LEVEL OK @ REDUCED OA? | <div><p>NOTES:<br/>ASHRAE 62.1-2013 (APPENDIX D) VENTILATION SYSTEM SCHEMATIC FOR MASS BALANCE EQUATIONS FOR USE WITH THE IAQ PROCEDURE.</p></div> |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| ACETALDEHYDE                                              | PEOPLE               | 100                           | 0.01112                 | 0.00015                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| ACETONE                                                   | PEOPLE               | 250                           | 0.00167                 | 0.00013                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| AMMONIA                                                   | PEOPLE               | 25                            | 0.01523                 | 0.00373                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| BENZENE                                                   | PEOPLE               | 1                             | 0.00252                 | 0.00004                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| 2-BUTANONE (MEK)                                          | PEOPLE               | 200                           | 0.00019                 | 0.00002                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| CARBON DIOXIDE                                            | PEOPLE               | 5000                          | 882                     | 916                    | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| CHLOROFORM                                                | PEOPLE               | 2                             | 0.00011                 | 0.00002                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| DIOXANE                                                   | PEOPLE               | 100                           | 0                       | 0                      | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| HYDROGEN SULFIDE                                          | PEOPLE               | 10                            | 0                       | 0                      | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| METHANE                                                   | PEOPLE               | N/A                           | 1.68094                 | 1.68094                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| METHANOL                                                  | PEOPLE               | 200                           | 0                       | 0                      | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| METHYLENE CHLORIDE                                        | PEOPLE               | 25                            | 0.00077                 | 0.00003                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| PROPANE                                                   | PEOPLE               | 1000                          | 0.00998                 | 0.00998                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| TETRACHLOROETHANE                                         | PEOPLE               | 5                             | 0                       | 0                      | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| TETRACHLOROETHYLENE                                       | PEOPLE               | 100                           | 0.00037                 | 0.00001                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| TOLUENE                                                   | PEOPLE               | 100                           | 0.00533                 | 0.00007                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| TRICHLOROETHANE                                           | PEOPLE               | 350                           | 0.00077                 | 0.02                   | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| XYLENE                                                    | PEOPLE               | 100                           | 0.00230                 | 0.00003                | YES                                 |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
|                                                           |                      |                               |                         |                        |                                     |                                                                                                                                                    |                   |       |                                 |               | <div>NOTES:<br/>① IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-SECTION 6.1.2 &amp; 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.<br/>② ALL VALUES LISTED IN PARTS PER MILLION (PPM) UNLESS OTHERWISE NOTED.<br/>③ OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).<br/>④ OUTSIDE IAQ AIR CALCULATION FOR TOTAL SEAT AREA.</div> |  |  |  |  |
| IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?                   |                      |                               |                         |                        |                                     |                                                                                                                                                    |                   |       |                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

| OUTSIDE AIR VENTILATION RATES<br>IAQ PROCEDURE – 2021 IMC |                      |                               |                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| ZONE TAG                                                  | FACILITY TYPE        | ZONE USE                      | ZONE FLOOR AREA (SF) Az | ZONE MAX OCCUPANCY Rp  | TABLE 6.1 OA/person (Rp)            | TABLE 6.1 cfm/ft2 (Ra)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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(Ez) | ZONE OA (CFM) |
| AHU#6                                                     | FOOD & BEVERAGE      | CORRIDORS                     | 565 ④                   | 2.0                    | 0                                   | 0.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0                 | 34    | 0.8                             | 42 ③          |
|                                                           |                      |                               |                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| ZONE HEIGHT (FT)                                          | 10                   |                               | AIR CHANGES/HOUR        |                        |                                     | 6.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| DESIRED OA (Vo) IAQ                                       | 70                   |                               | OA PER VRP              |                        |                                     | 42 CFM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | VRP OA CFM/PERSON |       |                                 | 21.2          |
| MAX/MIN SA (Vs)                                           | 630                  |                               | OA PER IAQ              |                        |                                     | 70 CFM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IAQ OA CFM/PERSON |       |                                 | 35.0          |
| RETURN AIR (Vr)                                           | 560                  |                               | OA SAVINGS              |                        |                                     | ~28 CFM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| RECIRC. FLOW FACTOR(R)                                    | 0.89                 |                               | OA DRY BULB             |                        |                                     | 95 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| VENT. EFF. (Ez)                                           | 0.8                  |                               | OA WET BULB             |                        |                                     | 80 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| PHYSICAL ACTIVITY                                         | STANDING (DESK WORK) |                               | COIL LVG. DRY BULB      |                        |                                     | 55 °F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| FILTER LOCATION                                           | B                    |                               | COIL LVG. 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| HVAC FLOW TYPE                                            | CONSTANT             |                               |                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| OA FLOW TYPE                                              | CONSTANT             |                               |                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| CONTAMINANT OF CONCERN                                    | CONTAMINANT SOURCE   | MAXIMUM THRESHOLD VALUE (PPM) | STEADY STATE USING VRP  | STEADY STATE USING IAQ | STEADY STATE LEVEL OK @ REDUCED OA? | <div><div><div><div><div><div>(1 →) Vr</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></di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NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

| OUTSIDE AIR VENTILATION RATES<br>IAQ PROCEDURE – 2021 IMC |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
|-----------------------------------------------------------|--------------------|-------------------------------|-----------------------------------------|------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------|---------------------------------|---------------|
| ZONE TAG                                                  | FACILITY TYPE      | ZONE USE                      | ZONE FLOOR AREA (SF) Az                 | ZONE MAX OCCUPANCY Rp  | TABLE 6.1 OA/person (Rp)            | TABLE 6.1 cfm/ft2 (Ra)                                                                                                                                                                                                                                                                                                           | Pz*Rp             | Az*Ra | TABLE 6.2 VENTILATION EFF. (Ez) | ZONE OA (CFM) |
| AHU#8                                                     | SPORTS & ENT.      | HEALTH CLUB                   | 540 ④                                   | 12                     | 20.0                                | 0.06                                                                                                                                                                                                                                                                                                                             | 240               | 32    | 0.8                             | 341 ③         |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| ZONE HEIGHT (FT)                                          | 10                 |                               | AIR CHANGES/HOUR                        |                        |                                     | 11.7                                                                                                                                                                                                                                                                                                                             |                   |       |                                 |               |
| DESIRED OA (Vo) IAQ                                       | 110                |                               | OA PER VRP                              |                        |                                     | 341 CFM                                                                                                                                                                                                                                                                                                                          | VRP OA CFM/PERSON |       |                                 | 28.4          |
| MAX/MIN SA (Vs)                                           | 1050               |                               | OA PER IAQ                              |                        |                                     | 110 CFM                                                                                                                                                                                                                                                                                                                          | IAQ OA CFM/PERSON |       |                                 | 9.2           |
| RETURN AIR (Vr)                                           | 940                |                               | OA SAVINGS                              |                        |                                     | 231 CFM                                                                                                                                                                                                                                                                                                                          |                   |       |                                 |               |
| RECIRC. FLOW FACTOR(R)                                    | 0.9                |                               | OA DRY BULB                             |                        |                                     | 95 °F                                                                                                                                                                                                                                                                                                                            |                   |       |                                 |               |
| VENT. EFF. (Ez)                                           | 0.8                |                               | OA WET BULB                             |                        |                                     | 80 °F                                                                                                                                                                                                                                                                                                                            |                   |       |                                 |               |
| PHYSICAL ACTIVITY                                         | MILD EXERCISE      |                               | COIL LVG. DRY BULB                      |                        |                                     | 55 °F                                                                                                                                                                                                                                                                                                                            |                   |       |                                 |               |
| FILTER LOCATION                                           | B                  |                               | COIL LVG. WET BULB                      |                        |                                     | 54 °F                                                                                                                                                                                                                                                                                                                            |                   |       |                                 |               |
| HVAC FLOW TYPE                                            | CONSTANT           |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| OA FLOW TYPE                                              | CONSTANT           |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
|                                                           |                    |                               |                                         |                        |                                     |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| CONTAMINANT OF CONCERN                                    | CONTAMINANT SOURCE | MAXIMUM THRESHOLD VALUE (PPM) | STEADY STATE USING VRP                  | STEADY STATE USING IAQ | STEADY STATE LEVEL OK @ REDUCED OA? | <div><div><div>(1 →) Vr</div><div><div>A</div><div>Vo, Co</div></div><div><div>B</div><div>Fr (Vr + Vo)</div></div></div><div>NOTES:<br/>ASHRAE 62.1-2013 (APPENDIX D) VENTILATION SYSTEM SCHEMATIC FOR MASS BALANCE EQUATIONS FOR USE WITH THE IAQ PROCEDURE.</div><div><div>e, N, Cs</div><div>OCCUPIED ZONE</div></div></div> |                   |       |                                 |               |
| ACETALDEHYDE                                              | PEOPLE             | 100                           | 0.01112                                 | 0.00015                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| ACETONE                                                   | PEOPLE             | 250                           | 0.00167                                 | 0.00013                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| AMMONIA                                                   | PEOPLE             | 25                            | 0.01523                                 | 0.00373                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| BENZENE                                                   | PEOPLE             | 1                             | 0.00252                                 | 0.00004                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| 2-BUTANONE (MEK)                                          | PEOPLE             | 200                           | 0.00019                                 | 0.00002                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| CARBON DIOXIDE                                            | PEOPLE             | 5000                          | 858                                     | 1820                   | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| CHLOROFORM                                                | PEOPLE             | 2                             | 0.00011                                 | 0.00002                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| DIOXANE                                                   | PEOPLE             | 100                           | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| HYDROGEN SULFIDE                                          | PEOPLE             | 10                            | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| METHANE                                                   | PEOPLE             | N/A                           | 1.68094                                 | 1.68094                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| METHANOL                                                  | PEOPLE             | 200                           | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| METHYLENE CHLORIDE                                        | PEOPLE             | 25                            | 0.00077                                 | 0.00003                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| PROPANE                                                   | PEOPLE             | 1000                          | 0.00998                                 | 0.00998                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| TETRACHLOROETHANE                                         | PEOPLE             | 5                             | 0                                       | 0                      | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| TETRACHLOROETHYLENE                                       | PEOPLE             | 100                           | 0.00037                                 | 0.00001                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| TOLUENE                                                   | PEOPLE             | 100                           | 0.00533                                 | 0.00007                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| TRICHLOROETHANE                                           | PEOPLE             | 350                           | 0.00077                                 | 0.02                   | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
| XYLENE                                                    | PEOPLE             | 100                           | 0.00230                                 | 0.00003                | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |
|                                                           |                    |                               | IS IAQ ACCEPTABLE AT REDUCED OA LEVELS? |                        | YES                                 |                                                                                                                                                                                                                                                                                                                                  |                   |       |                                 |               |

ELECTRICAL SPECIFICATIONS

1. CODES AND STANDARDS

- A. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES AND INDUSTRY STANDARDS.  
B. IN CASE OF DIFFERENCE BETWEEN BUILDING CODES, SPECIFICATIONS, STATE LAWS AND LOCAL ORDINANCES, REGULATIONS AND THE CONTRACT DOCUMENTS, THE MOST STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT IN WRITING OF SUCH DIFFERENCES. NON-COMPLIANCE: SHOULD THE CONTRACTOR PERFORM ANY WORK THAT DOES NOT COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE BUILDING CODES, STATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS AND UTILITY COMPANY REGULATIONS, HE SHALL BEAR ALL COSTS ARISING IN CORRECTING THE DEFICIENCIES. THE FOLLOWING CODES SHALL APPLY:  
NFPA-70 NATIONAL ELECTRICAL CODE  
NFPA-72 NATIONAL FIRE ALARM CODE  
NFPA-101 LIFE SAFETY CODE  
FLORIDA BUILDING CODE

2. CONDUCTORS

- A. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION FOR GENERAL USE.  
B. CONDUCTORS #12 THROUGH #10 SHALL BE SOLID, #8 AND LARGER SHALL BE STRANDED. MINIMUM BRANCH CIRCUIT CONDUCTOR SIZE SHALL BE #12.

3. CONDUIT

- A. ALL CONDUCTORS SHALL BE IN CONDUIT. CONDUIT SHALL BE E.M.T. WITH STEEL COMPRESSION OR STEEL SET SCREW FITTINGS.

4. MC CABLE

- A. MC CABLE MAY BE USED IN LIEU OF CONDUCTORS IN CONDUIT FOR RUNS CONCEALED ABOVE CEILING OR IN WALLS.

5. WIRING DEVICES

- A. WIRING DEVICES SHALL BE COMMERCIAL GRADE. DEVICE COLORS SHALL BE AS DIRECTED BY THE ARCHITECT.

6. IDENTIFICATION

- A. EACH CONNECTED AND SPARE CIRCUIT ON LIGHTING AND POWER PANELBOARDS SHALL BE IDENTIFIED BY MEANS OF A TYPED DIRECTORY.  
B. ALL JUNCTION BOXES SHALL BE MARKED WITH PANEL AND CIRCUIT NUMBERS.  
C. ALL ALARM CONDUIT AND BOXES SHALL BE PAINTED RED.

7. LIGHTING FIXTURES AND CONTROLS

- A. LIGHTING FIXTURES SHALL BE AS INDICATED OR APPROVED EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL.

8. PANELBOARDS

- A. PANELBOARDS SHALL BE SQUARE D TYPE NQ OR EQUAL. BUSSING MAY BE COPPER OR ALUMINUM.

9. DISCONNECTS

- A. DISCONNECTS SHALL BE NEMA GENERAL DUTY TYPE.

10. FIRE ALARM SYSTEM

- A. PROVIDE ADDITIONS TO THE EXISTING FIRE ALARM SYSTEM AS INDICATED. NEW EQUIPMENT SHALL BE COMPATABLE WITH THE EXISTING FIRE ALARM CONTROL SYSTEM.

11. SITE VISIT

- A. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. ALL CIRCUIT NUMBERS, FEEDERS, ETC. SHALL BE FIELD VERIFIED PRIOR TO STARTING WORK.

12. TESTS

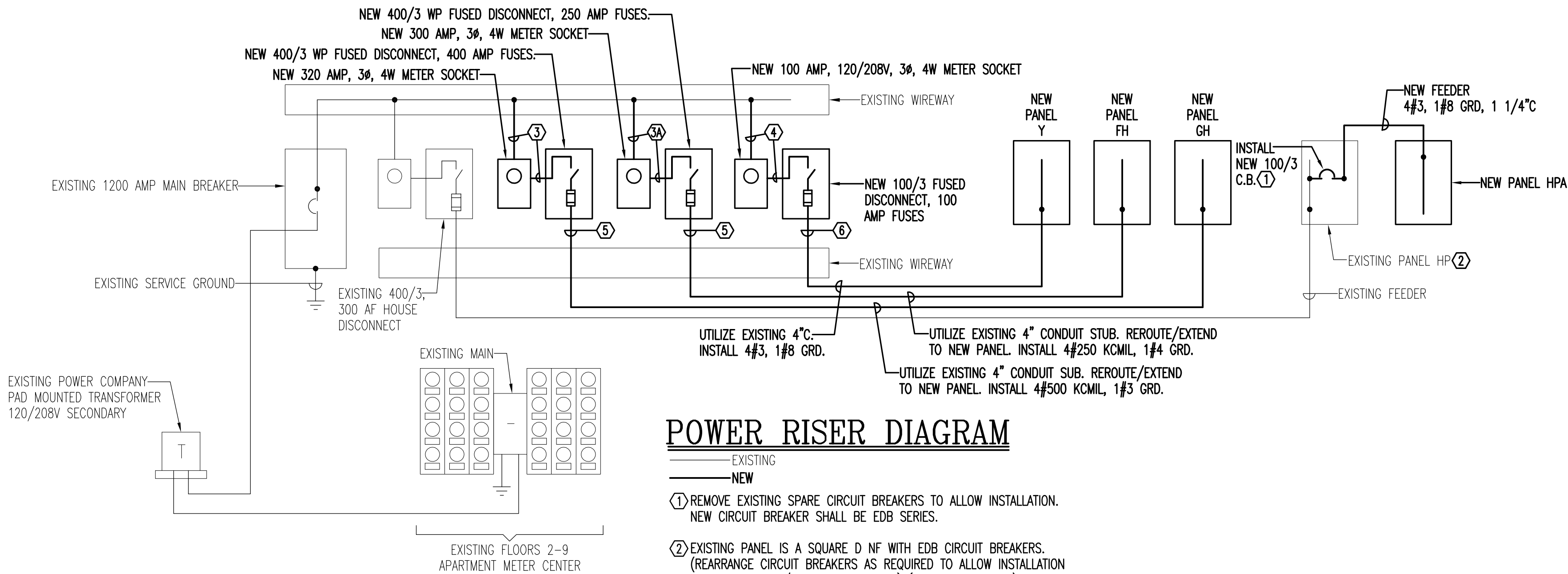
- A. GENERAL: THE CONTRACTOR SHALL SHOW BY DESIGNATION IN SERVICE THAT ALL CIRCUITS AND DEVICES ARE IN OPERATING CONDITIONS. TESTS SHALL BE SUCH THAT ITEM OF CONTROL EQUIPMENT WILL FUNCTION NOT LESS THAN FIVE TIMES.  
B. TEST ON 600 VOLT WIRING: TEST ALL NEW 600 VOLT WIRING TO VERIFY THAT NO SHORT CIRCUITS OR ACCIDENTAL GROUNDS EXIST.

13. SUBMITTALS

- A. PROVIDE SUBMITTALS FOR THE FOLLOWING:  
-LIGHTING FIXTURES  
-PANELBOARDS  
-FIRE ALARM SYSTEM  
-LIGHTING CONTROLS

ELECTRICAL LEGEND

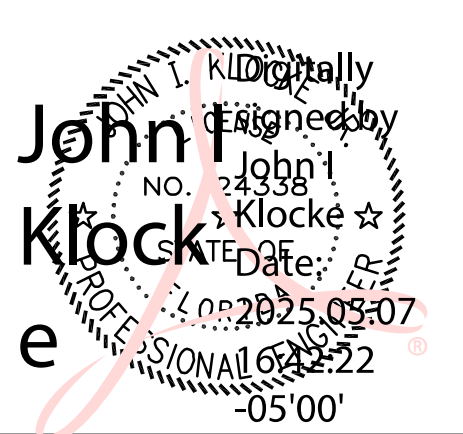
- ⬡ NOMINAL 2'X2' RECESSED LED LIGHTING FIXTURE  
● NOMINAL 2'X2' RECESSED LED LIGHTING FIXTURE WITH EMERGENCY UNIT BATTERY PACK  
⊗ RECESSED OR PENDANT MOUNTED LED LIGHTING FIXTURE  
⬡⬢ WALL BRACKET MOUNTED LED LIGHTING FIXTURE  
⊗ EXIT LIGHT  
⊗⬢ EXIT LIGHT/EMERGENCY LIGHTING UNIT COMBINATION  
\$ SINGLE POLE LIGHTING SWITCH MOUNT 48" AFF  
\$3 THREE-WAY LIGHTING SWITCH MOUNT 48" AFF  
\$os WALL MOUNTED OCCUPANCY SENSOR SWITCH MOUNT 48" AFF BASIS OF DESIGN WATTSTOPPER PW-301  
3\$os THREE-WAY WALL MOUNTED OCCUPANCY SENSOR SWITCH MOUNT 48" AFF BASIS OF DESIGN WATTSTOPPER PW-301  
⬢ WALL MOUNTED DIMMER SWITCH MOUNT 48". SEE LIGHTING CONTROL DETAILS ON SHEET E102.  
3⬢os WALL MOUNTED 3-WAY DIMMER OCCUPANCY SENSOR MOUNT 48" AFF. SEE LIGHTING CONTROL DETAILS ON SHEET E102.  
⊗ L CEILING MOUNTED LINE VOLTAGE OCCUPANCY SENSOR WATTSTOPPER DT-355.  
⬢ EXHAUST FAN SEE MECHANICAL  
■ PANELBOARD  
⬢ NON-FUSED DISCONNECT SWITCH  
⓪ JUNCTION BOX  
⓪ Duplex RECEPTACLE MOUNT 18" AFF UNLESS NOTED OTHERWISE  
⓪-G GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE MOUNT 18" AFF UNLESS NOTED OTHERWISE  
⓪-G,WP GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH WEATHERPROOF COVERPLATE  
⓪ Duplex RECEPTACLE MOUNTED ON CONDUIT STUB UP THRU FLOOR  
⓪ SPECIAL OUTLET VERIFY TYPE REQUIRED WITH KITCHEN EQUIPMENT SUPPLIER  
⬢ COMMUNICATIONS OUTLET STUB 3/4" TO ABOVE KITCHEN, OFFICE OR STORAGE CEILING  
⬢ FIRE ALARM SYSTEM PULL STATION MOUNT 48" AFF  
⬢ EX EXISTING FIRE ALARM SYSTEM PULL STATION  
⬢ EX EXISTING FIRE ALARM SYSTEM HORN/STROBE MOUNT 80" AFF  
⬢ EX EXISTING FIRE ALARM SYSTEM HORN/STROBE  
⬢ EX EXISTING FIRE ALARM STROBE MOUNT 80" AFF  
⬢ HOOD EXTINGUISHING SYSTEM. PROVIDE FIRE ALARM MONITOR MODULE.  
— CONDUIT RUN EXPOSED PARALLEL OR PERPENDICULAR TO BUILDING LINES  
— CONDUIT RUN ABOVE CEILING OR IN WALLS  
- - - CONDUIT RUN UNDERGROUND OR BELOW SLAB  
— HOMERUN TO PANELBOARD ANY CIRCUIT WITH FURTHER DESIGNATION 2#12, 1#12 GRD, 1/2" 3#12, 1#12 GRD, 1/2" ETC.



POWER RISER DIAGRAM

- EXISTING  
- - - NEW  
① REMOVE EXISTING SPARE CIRCUIT BREAKERS TO ALLOW INSTALLATION. NEW CIRCUIT BREAKER SHALL BE EDB SERIES.  
② EXISTING PANEL IS A SQUARE D NF WITH EDB CIRCUIT BREAKERS. (REARRANGE CIRCUIT BREAKERS AS REQUIRED TO ALLOW INSTALLATION OF THE NEW 100/3 BRANCH BREAKER) (22,000 AIC RATING)  
③ 4#500 KCMIL, 1#3/0 GRD, 4°C  
④ 4#250 KCMIL, 1#3/0 GRD, 3°C  
⑤ 4#3, 1#3/0 GRD, 2°C  
⑥ NEW 3°C FROM WIREWAY TO CIRCUIT BREAKER  
⑦ NEW 2°C FROM WIREWAY TO CIRCUIT BREAKER

CERTIFICATION :



SAVOY  
PLACE  
321 N. DEVILLERS ST.  
Pensacola, Florida  
32501

ALL DRAWINGS AND WRITTEN MATERIAL  
HEREIN CONSTITUTE ORIGINAL AND UN-  
PUBLISHED WORK OF THE ARCHITECT  
AND MAY NOT BE DUPLICATED IN ANY  
PART WITHOUT THE WRITTEN CONSENT  
OF THE ARCHITECT.

REVISIONS :

DRAWN BY : JPM

CHECKED BY : JJK

PROJECT NO. 2412

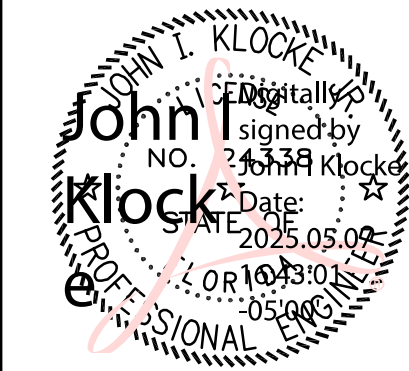
DATE : 05/07/25

SHEET TITLE :  
ELECT. LEGEND,  
ELECT. SPECS.,  
POWER RISER DIAGRAM

SHEET NO. :

E001

CERTIFICATION :



## SAVOY PLACE

321 N. DEVILLERS ST.  
Pensacola, Florida  
32501

ALL DRAWINGS AND WRITTEN MATERIAL  
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OF THE ARCHITECT.

REVISIONS :

DRAWN BY : JPM

CHECKED BY : JJK

PROJECT NO. 2412

DATE : 05/07/25

SHEET TITLE :  
PANELBOARD SCHEDULES,  
LIGHTING FIXTURE  
SCHEDULE

SHEET NO. :

# E002

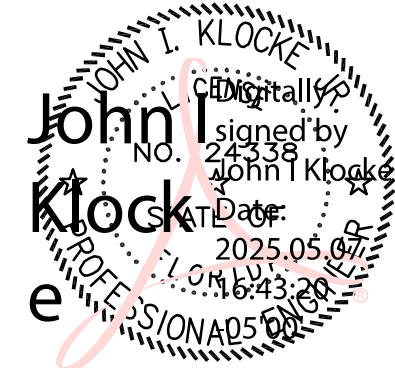
| BREAKER INTERRUPTING CAPACITY:<br>22,000 |                           |                      |   | PANEL SCHEDULE<br>GH |       |       |                       |     |     |                      |     |                  |                               | BRACED FOR MINIMUM 22,000<br>AMPS SYMMETRICAL<br>FLUSH MOUNTED |    |  |  |
|------------------------------------------|---------------------------|----------------------|---|----------------------|-------|-------|-----------------------|-----|-----|----------------------|-----|------------------|-------------------------------|----------------------------------------------------------------|----|--|--|
| 120/208V, 3ø, 4W<br>400 AMP M.L.O.       |                           |                      |   |                      |       |       |                       |     |     |                      |     |                  |                               |                                                                |    |  |  |
| CKT                                      | EQUIPMENT SERVED          | BREAKER<br>TRIP POLE |   | KVA/PHASE            |       |       | KVA/PHASE             |     |     | BREAKER<br>POLE TRIP |     | EQUIPMENT SERVED | CKT                           |                                                                |    |  |  |
|                                          |                           | A                    | B | C                    | A     | B     | C                     |     |     |                      |     |                  |                               |                                                                |    |  |  |
| 1                                        | WALK-IN COOLER CONDENSER  | 20                   | 2 | 1.2                  |       |       |                       | .7  |     |                      | 1   | 20               | FLOOR WARMER                  | 2                                                              |    |  |  |
| 3                                        | ↓                         | ↓                    | ↓ | 1.2                  |       |       |                       |     | .3  |                      | ↓   | ↓                | REFRIGERATED COUNTER TOP      | 4                                                              |    |  |  |
| 5                                        | WAREWASHER                | 20                   | 1 |                      | 1.6   |       |                       |     |     | .2                   | ↓   | ↓                | REFRIGERATOR UNDERCOUNTER     | 6                                                              |    |  |  |
| 7                                        | REACH-IN FREEZER          | ↓                    | ↓ | 1.1                  |       |       |                       | 2.3 |     |                      | 2   | 30               | ESPRESSO/CAPPUCINO MACHINE ①  | 8                                                              |    |  |  |
| 9                                        | ↓                         | ↓                    | ↓ |                      | 1.4   |       |                       |     | 2.3 |                      | ↓   | ↓                | ↓                             | 10                                                             |    |  |  |
| 11                                       | FLOOR MIXER ①             | 20                   | 3 |                      | 1.4   |       |                       |     |     | 1.1                  | 1   | 20               | REFRIGERATOR SANDWICH PREP ①  | 12                                                             |    |  |  |
| 13                                       | ↓                         | ↓                    | ↓ | 1.4                  |       |       |                       | .18 |     |                      | ↓   | ↓                | CONVENIENCE RECEPTACLE        | 14                                                             |    |  |  |
| 15                                       | WALK-IN COOLER LIGHTS     | 20                   | 1 |                      | .1    |       |                       |     | 1.2 |                      | 2   | 20               | OVEN/MICROWAVE ①              | 16                                                             |    |  |  |
| 17                                       | WALK-IN COOLER EVAPORATOR | ↓                    | ↓ |                      | .1    |       |                       |     | 1.2 |                      | ↓   | ↓                | ↓                             | 18                                                             |    |  |  |
| 19                                       | CONVENIENCE RECEPT.       | ↓                    | ↓ | .36                  |       |       |                       | 1.2 |     |                      | 2   | 20               | OVEN/MICROWAVE ①              | 20                                                             |    |  |  |
| 21                                       | BREAD SLICER ①            | ↓                    | ↓ | .7                   |       |       |                       | 1.2 |     |                      | ↓   | ↓                | ↓                             | 22                                                             |    |  |  |
| 23                                       | OVEN ROTATING RACK        | 20                   | 2 |                      | .9    |       |                       |     | .5  | 1                    | 20  |                  | FOOD SLICER ①                 | 24                                                             |    |  |  |
| 25                                       | ↓                         | ↓                    | ↓ | .9                   |       |       |                       | .36 |     |                      | ↓   | ↓                | CONVENIENCE RECEPTACLE        | 26                                                             |    |  |  |
| 27                                       | OVEN PICARD               | 20                   | 2 |                      | 1.1   |       |                       |     | 1.2 |                      | ↓   | ↓                | TEA BREWER ①                  | 28                                                             |    |  |  |
| 29                                       | ↓                         | ↓                    | ↓ |                      | 1.1   |       |                       |     | 1.2 |                      | ↓   | ↓                | REFRIGERATED GLASS DISPLAY ①  | 30                                                             |    |  |  |
| 31                                       | DOUGH ROLLER ①            | 20                   | 1 | 1.0                  |       |       |                       | .36 |     |                      | ↓   | ↓                | RECEPT. POS STATIONS ①        | 32                                                             |    |  |  |
| 33                                       | UNDERCOUNTER ICE MAKER ①  | ↓                    | ↓ | .7                   |       |       |                       |     | 1.1 |                      | ↓   | ↓                | REFRIGERATOR AIR CURTAIN TYPE | 34                                                             |    |  |  |
| 35                                       | FLOOR MIXER ①             | ↓                    | ↓ |                      | 1.1   |       |                       |     |     | .9                   | ↓   | ↓                | CONVENIENCE RECEPTACLES       | 36                                                             |    |  |  |
| 37                                       | EXHAUST FAN HEF1          | ↓                    | ↓ | .9                   |       |       |                       | .54 |     |                      | ↓   | ↓                | CONVENIENCE RECEPTACLES       | 38                                                             |    |  |  |
| 39                                       | EXHAUST FAN HEF2          | ↓                    | ↓ |                      | 1.1   |       |                       |     | .54 |                      | 4.0 | 2                | 60                            | CONVENIENCE RECEPTACLES                                        | 40 |  |  |
| 41                                       | SPARE                     | ↓                    | ↓ |                      | -     |       |                       |     |     |                      | ↓   | ↓                | AHU#3                         | 42                                                             |    |  |  |
| 43                                       | AHU#1                     | 60                   | 2 | 4.0                  |       |       |                       | 4.0 |     |                      | 2   | 40               |                               | 44                                                             |    |  |  |
| 45                                       | ↓                         | ↓                    | ↓ |                      | 4.0   |       |                       |     | 1.9 |                      | ↓   | ↓                | HPU#3                         | 46                                                             |    |  |  |
| 47                                       | AHU#2                     | 60                   | 2 |                      | 4.0   |       |                       |     | 1.9 |                      | ↓   | ↓                | ↓                             | 48                                                             |    |  |  |
| 49                                       | ↓                         | ↓                    | ↓ |                      | 4.0   |       |                       | .9  |     |                      | 1   | 20               | FF#1                          | 50                                                             |    |  |  |
| 51                                       | HPU#1                     | 50                   | 2 |                      | 2.8   |       |                       | 2.8 |     |                      | ↓   | ↓                | SPARE                         | 52                                                             |    |  |  |
| 53                                       | ↓                         | ↓                    | ↓ |                      | 2.8   |       |                       | 2.8 |     |                      | ↓   | ↓                | ↓                             | 54                                                             |    |  |  |
| 55                                       | HPU#2                     | 50                   | 2 |                      | 2.8   |       |                       | 2.8 |     |                      | ↓   | ↓                | ↓                             | 56                                                             |    |  |  |
| 57                                       | ↓                         | ↓                    | ↓ |                      | 2.8   |       |                       | 2.8 |     |                      | ↓   | ↓                | ↓                             | 58                                                             |    |  |  |
| 59                                       | LIGHTING                  | 20                   | 1 |                      | .9    |       |                       | .9  |     |                      | ↓   | ↓                | SPACE                         | 60                                                             |    |  |  |
| 61                                       | GAS WATER HEATER          | ↓                    | ↓ | .1                   |       |       |                       |     |     |                      | ↓   | ↓                | ↓                             | 62                                                             |    |  |  |
| 63                                       | SERVICE RECEPT.           | ↓                    | ↓ |                      | .18   |       |                       |     |     |                      | ↓   | ↓                | ↓                             | 64                                                             |    |  |  |
| 65                                       | POS SYSTEM                | ↓                    | ↓ |                      | .1    |       |                       |     |     |                      | ↓   | ↓                | ↓                             | 66                                                             |    |  |  |
| 67                                       | ↓                         | ↓                    | ↓ |                      | 8.6   |       |                       |     |     |                      | ↓   | ↓                | ↓                             | 68                                                             |    |  |  |
| 69                                       | OAU#1                     | 125                  | 3 |                      | 8.6   |       |                       |     |     |                      | ↓   | ↓                | ↓                             | 70                                                             |    |  |  |
| 71                                       | ↓                         | ↓                    | ↓ |                      | 8.6   |       |                       |     |     |                      | ↓   | ↓                | ↓                             | 72                                                             |    |  |  |
| SINGLE SECTION PANEL                     |                           | TOTAL CONNECTED KVA  |   | 36.90                | 34.42 | 33.60 | ① GFI CIRCUIT BREAKER |     |     |                      |     |                  |                               |                                                                |    |  |  |
|                                          |                           |                      |   | A                    | B     | C     |                       |     |     |                      |     |                  |                               |                                                                |    |  |  |

| BREAKER INTERRUPTING CAPACITY:<br>22,000 |                             |                      | PANEL SCHEDULE<br>FH |     |       |           |       |                                                                          |                      |                  |                              |    | BRACED FOR MINIMUM 22,000<br>AMPS SYMMETRICAL<br>FLUSH MOUNTED |  |  |
|------------------------------------------|-----------------------------|----------------------|----------------------|-----|-------|-----------|-------|--------------------------------------------------------------------------|----------------------|------------------|------------------------------|----|----------------------------------------------------------------|--|--|
| 120/208V, 3ø, 4W<br>250 AMP M.L.O.       |                             |                      |                      |     |       |           |       |                                                                          |                      |                  |                              |    |                                                                |  |  |
| CKT                                      | EQUIPMENT SERVED            | BREAKER<br>TRIP POLE | KVA/PHASE            |     |       | KVA/PHASE |       |                                                                          | BREAKER<br>POLE TRIP | EQUIPMENT SERVED | CKT                          |    |                                                                |  |  |
|                                          |                             |                      | A                    | B   | C     | A         | B     | C                                                                        |                      |                  |                              |    |                                                                |  |  |
| 1                                        | RECEPT. KITCHEN             | 20                   | 1                    | .36 |       | 1.0       |       |                                                                          | 1                    | 20               | CONVECTION OVEN ①            | 2  |                                                                |  |  |
| 3                                        | COOLER EVAPORATOR           | ↓                    | ↓                    |     | 1.2   |           |       | .6                                                                       | ↓                    | ↓                | REFRIGERATOR SANDWICH PREP ① | 4  |                                                                |  |  |
| 5                                        | CONVECTION OVEN ②           | ↓                    | ↓                    | -   |       | 1.0       |       | .6                                                                       | ↓                    | ↓                | REACH-IN REFRIGERATOR ①      | 6  |                                                                |  |  |
| 7                                        | SHUNT TRIP SPACE            | ↓                    | ↓                    |     | -     |           |       | .6                                                                       | ↓                    | ↓                | REFRIGERATED DISPLAY CASE ①  | 8  |                                                                |  |  |
| 9                                        | SHUNT TRIP SPACE            | ↓                    | ↓                    |     |       |           |       | .6                                                                       | ↓                    | ↓                | REFRIGERATED DISPLAY CASE ①  | 10 |                                                                |  |  |
| 11                                       | REACH-IN FREEZER ①          | ↓                    | ↓                    |     | .9    |           |       | .6                                                                       | ↓                    | ↓                | REFRIGERATED DISPLAY CASE ①  | 12 |                                                                |  |  |
| 13                                       | REACH-IN FREEZER ①          | ↓                    | ↓                    | .9  |       | 1.5       |       |                                                                          | ↓                    | ↓                | WAREWASHER UNDERCOUNTER ①    | 14 |                                                                |  |  |
| 15                                       | CONVENIENCE RECEPTACLE      | ↓                    | ↓                    |     | .18   |           |       | .1                                                                       | ↓                    | ↓                | CONVENIENCE RECEPTACLE (POS) | 16 |                                                                |  |  |
| 17                                       | FROSTER/CHILLER GLASS/MUG ① | ↓                    | ↓                    |     | .5    |           |       | .36                                                                      | ↓                    | ↓                | RECEPT. DINING               | 18 |                                                                |  |  |
| 19                                       | BEER DISPENSER ①            | ↓                    | ↓                    |     | 1.0   |           |       | .72                                                                      | ↓                    | ↓                | RECEPT. DINING               | 20 |                                                                |  |  |
| 21                                       | REFRIGERATOR UNDERCOUNTER ① | ↓                    | ↓                    |     | .5    |           |       | .36                                                                      | ↓                    | ↓                | CONVENIENCE RECEPTACLE       | 22 |                                                                |  |  |
| 23                                       | REFRIGERATED DISPLAY CASE ① | ↓                    | ↓                    |     | .5    |           |       | .3                                                                       | ↓                    | ↓                | HOOD CONTROL PANEL           | 24 |                                                                |  |  |
| 25                                       | ICE MAKER ①                 | 30                   | 2                    |     | 1.5   |           |       | .8                                                                       | ↓                    | ↓                | ↓                            | 26 |                                                                |  |  |
| 27                                       | ↓                           | ↓                    | ↓                    |     | 1.5   |           |       | .8                                                                       | ↓                    | ↓                | HOOD EXHAUST FAN             | 28 |                                                                |  |  |
| 29                                       | SKILLET ②                   | 60                   | 2                    |     | 4.5   |           |       | .8                                                                       | ↓                    | ↓                | ↓                            | 30 |                                                                |  |  |
| 31                                       | ↓                           | ↓                    | ↓                    |     | 4.5   |           |       | .5                                                                       | ↓                    | ↓                | ↓                            | 32 |                                                                |  |  |
| 33                                       | WALK-IN COOLER CONDENSER    | 20                   | 2                    |     | 2.0   |           |       | .5                                                                       | 3                    | 15               | HOOD SUPPLY FAN              | 34 |                                                                |  |  |
| 35                                       | ↓                           | ↓                    | ↓                    |     | 2.0   |           |       | .5                                                                       | ↓                    | ↓                | ↓                            | 36 |                                                                |  |  |
| 37                                       | ↓                           | 20                   | 1                    |     | -     |           |       | 1.6                                                                      | 2                    | 40               | HPU#4                        | 38 |                                                                |  |  |
| 39                                       | ↓                           | ↓                    | ↓                    |     | -     |           |       | 1.6                                                                      | ↓                    | ↓                | ↓                            | 40 |                                                                |  |  |
| 41                                       | ↓                           | ↓                    | ↓                    |     | -     |           |       | 2.7                                                                      | 2                    | 50               | HPU#5                        | 42 |                                                                |  |  |
| 43                                       | AHU#4                       | 50                   | 2                    |     | 4.0   |           |       | 2.7                                                                      | ↓                    | ↓                | ↓                            | 44 |                                                                |  |  |
| 45                                       | ↓                           | ↓                    | ↓                    |     | 4.0   |           |       | 1.4                                                                      | 2                    | 25               | HPU#7                        | 46 |                                                                |  |  |
| 47                                       | AHU#5                       | 60                   | 2                    |     | 4.3   |           |       | 1.4                                                                      | ↓                    | ↓                | ↓                            | 48 |                                                                |  |  |
| 49                                       | ↓                           | ↓                    | ↓                    |     | 4.3   |           |       | .9                                                                       | 1                    | 20               | FF#2                         | 50 |                                                                |  |  |
| 51                                       | AHU#7                       | 50                   | 2                    |     | 4.3   |           |       | .1                                                                       | ↓                    | ↓                | GAS WATER HEATERS            | 52 |                                                                |  |  |
| 53                                       | ↓                           | ↓                    | ↓                    |     | 4.3   |           |       |                                                                          | ↓                    | ↓                | SPARE                        | 54 |                                                                |  |  |
| 55                                       | LIGHTING                    | 20                   | 1                    |     | .9    |           |       |                                                                          | ↓                    | ↓                | ↓                            | 56 |                                                                |  |  |
| 57                                       | ↓                           | ↓                    | ↓                    |     | .9    |           |       |                                                                          | ↓                    | ↓                | ↓                            | 58 |                                                                |  |  |
| 59                                       | ↓                           | ↓                    | ↓                    |     | .9    |           |       |                                                                          | ↓                    | ↓                | ↓                            | 60 |                                                                |  |  |
| 61                                       | SHUNT TRIP POWER            | ↓                    | ↓                    |     | -     |           |       |                                                                          | ↓                    | ↓                | SPACE                        | 62 |                                                                |  |  |
| 63                                       | SPACE                       | ↓                    | ↓                    |     |       |           |       |                                                                          | ↓                    | ↓                | ↓                            | 64 |                                                                |  |  |
| 65                                       | ↓                           | ↓                    | ↓                    |     |       |           |       |                                                                          | ↓                    | ↓                | ↓                            | 66 |                                                                |  |  |
| 67                                       | ↓                           | ↓                    | ↓                    |     |       |           |       |                                                                          | ↓                    | ↓                | ↓                            | 68 |                                                                |  |  |
| 69                                       | ↓                           | ↓                    | ↓                    |     |       |           |       |                                                                          | ↓                    | ↓                | ↓                            | 70 |                                                                |  |  |
| 71                                       | ↓                           | ↓                    | ↓                    |     |       |           |       |                                                                          | ↓                    | ↓                | ↓                            | 72 |                                                                |  |  |
| SINGLE SECTION PANEL                     |                             |                      | TOTAL CONNECTED KVA  |     | 27.78 | 20.64     | 26.16 | ① GFI CIRCUIT BREAKER                                                    |                      |                  |                              |    |                                                                |  |  |
|                                          |                             |                      |                      |     | A     | B         | C     | ② PROVIDE WITH 120V SHUNT TRIP INTERLOCK WITH HOOD EXTINGUISHING SYSTEM. |                      |                  |                              |    |                                                                |  |  |

| BREAKER INTERRUPTING CAPACITY:<br>22,000 |                  |                      | PANEL SCHEDULE<br>Y |      |      |           |     |     |                      |       |                  |     | BRACED FOR MINIMUM 22,000<br>AMPS SYMMETRICAL |  |  |
|------------------------------------------|------------------|----------------------|---------------------|------|------|-----------|-----|-----|----------------------|-------|------------------|-----|-----------------------------------------------|--|--|
| 120/208V, 3ø, 4W<br>100 AMP M.L.O.       |                  |                      | FLUSH MOUNTED       |      |      |           |     |     |                      |       |                  |     |                                               |  |  |
| CKT                                      | EQUIPMENT SERVED | BREAKER<br>TRIP POLE | KVA/PHASE           |      |      | KVA/PHASE |     |     | BREAKER<br>POLE TRIP |       | EQUIPMENT SERVED | CKT |                                               |  |  |
|                                          |                  |                      | A                   | B    | C    | A         | B   | C   |                      |       |                  |     |                                               |  |  |
| 1                                        | LIGHTING         | 20 1                 | .7                  |      |      | 4.0       |     |     | 2 50                 | AHU-8 | 2                |     |                                               |  |  |
| 3                                        | RECEPT. YOGA     | ↓                    |                     | .36  |      |           | 4.0 |     | ↓                    | ↓     | 4                |     |                                               |  |  |
| 5                                        |                  | ↓                    |                     |      | .54  |           |     |     | ↓                    | ↓     | 6                |     |                                               |  |  |
| 7                                        | SPARE            | ↓                    |                     |      |      | 1.5       |     | 1.5 | 2 30                 | HPU-8 | 8                |     |                                               |  |  |
| 9                                        |                  | ↓                    |                     |      |      |           |     |     | ↓                    | ↓     | 10               |     |                                               |  |  |
| 11                                       |                  | ↓                    |                     |      |      |           |     |     | 1 20                 | SPACE | 12               |     |                                               |  |  |
| 13                                       |                  | ↓                    |                     |      |      |           |     |     | ↓                    | ↓     | 14               |     |                                               |  |  |
| 15                                       | SPACE            | ↓                    |                     |      |      |           |     |     | ↓                    | ↓     | 16               |     |                                               |  |  |
| 17                                       |                  | ↓                    |                     |      |      |           |     |     | ↓                    | ↓     | 18               |     |                                               |  |  |
| 19                                       |                  | ↓                    |                     |      |      |           |     |     | ↓                    | ↓     | 20               |     |                                               |  |  |
| TOTAL CONNECTED KVA                      |                  |                      | 6.20                | 4.36 | 2.04 |           |     |     |                      |       |                  |     |                                               |  |  |
|                                          |                  |                      | A                   | B    | C    |           |     |     |                      |       |                  |     |                                               |  |  |

| BREAKER INTERRUPTING CAPACITY:<br>22,000                               |                  |         | PANEL SCHEDULE<br>HPA |  |           |     |   |           |   |     |         |      | BRACED FOR MINIMUM 22,000<br>AMPS SYMMETRICAL |                  |     |
|------------------------------------------------------------------------|------------------|---------|-----------------------|--|-----------|-----|---|-----------|---|-----|---------|------|-----------------------------------------------|------------------|-----|
| 120/208V, 3ø, 4W<br>100 AMP M.L.O.                                     |                  |         | SURFACE MOUNTED       |  |           |     |   |           |   |     |         |      |                                               |                  |     |
| CKT                                                                    | EQUIPMENT SERVED | BREAKER |                       |  | KVA/PHASE |     |   | KVA/PHASE |   |     | BREAKER |      |                                               | EQUIPMENT SERVED | CKT |
|                                                                        |                  | TRIP    | POLE                  |  | A         | B   | C | A         | B | C   | POLE    | TRIP |                                               |                  |     |
| 1                                                                      | LIGHTING ①       | 20      | 1                     |  | .6        |     |   | 4.0       |   |     | 2       | 50   | AHU#6                                         | 2                |     |
| 3                                                                      | RECEPT.          |         |                       |  | .72       |     |   | 4.0       |   |     | ↓       | ↓    | ↓                                             | 4                |     |
| 5                                                                      | SERVICE RECEPT.  |         |                       |  |           | .18 |   |           |   | 1.4 | 2       | 25   | HPU#6                                         | 6                |     |
| 7                                                                      | COMM. BACKBOARD  |         |                       |  | .18       |     |   | 1.4       |   |     | ↓       | ↓    | ↓                                             | 8                |     |
| 9                                                                      | SPACE            |         |                       |  |           |     |   |           |   |     | 1       | 20   | SPARE                                         | 10               |     |
| 11                                                                     |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               | 12               |     |
| 13                                                                     |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               | 14               |     |
| 15                                                                     |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               | 16               |     |
| 17                                                                     |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               | 18               |     |
| 19                                                                     |                  |         |                       |  |           |     |   |           |   |     |         |      | SPACE                                         | 20               |     |
| 21                                                                     |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               | 22               |     |
| 23                                                                     |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               | 24               |     |
| TOTAL CONNECTED KVA                                                    |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               |                  |     |
| 6.18 4.72 1.58 ① ROUTE THRU CONTACTOR. SEE LIGHTING CONTROL SCHEMATIC. |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               |                  |     |
| A B C                                                                  |                  |         |                       |  |           |     |   |           |   |     |         |      |                                               |                  |     |

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REVISIONS :

DRAWN BY : JPM

CHECKED BY : JJK

PROJECT NO. 2412

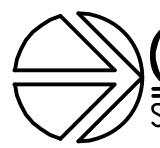
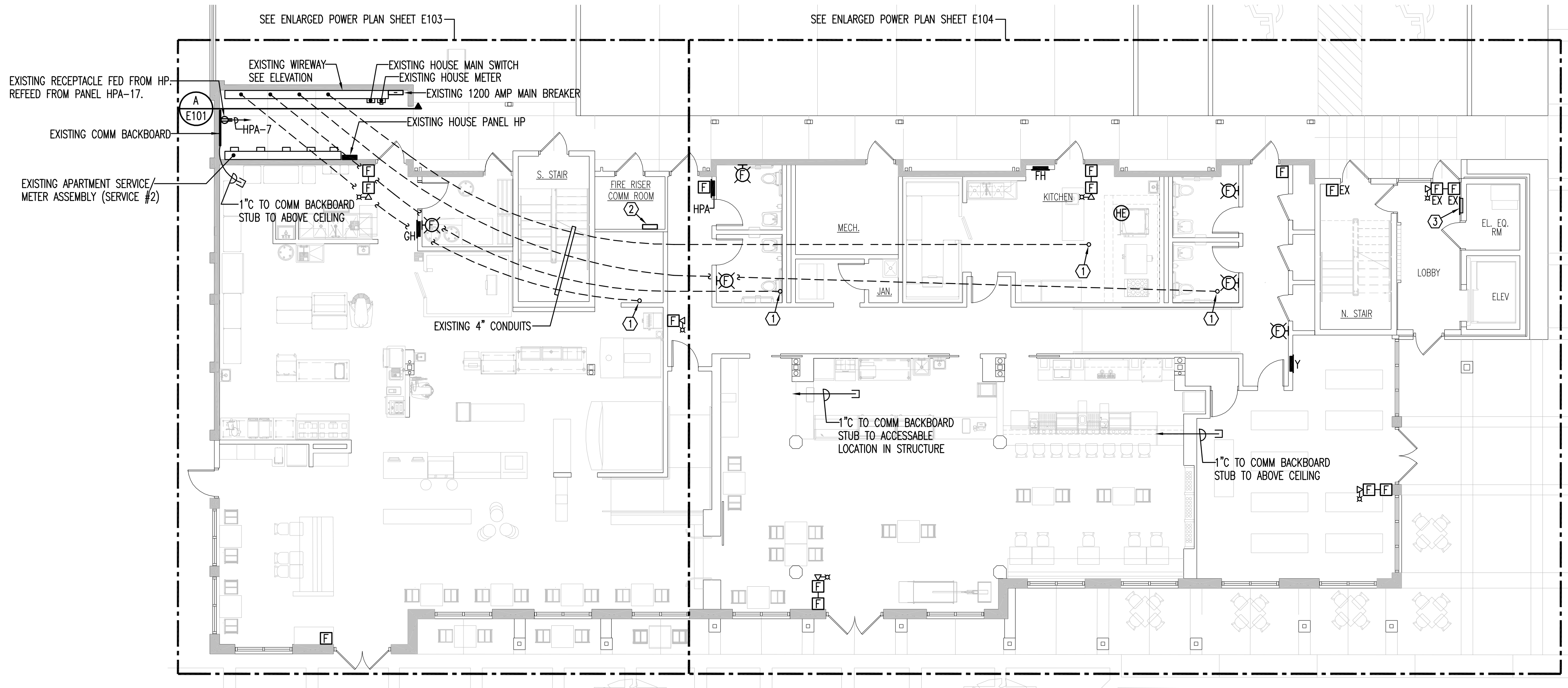
DATE : 05/07/25

SHEET TITLE :  
OVERALL POWER PLAN

SHEET NO. :

E101

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OVERALL ELECTRICAL PLAN

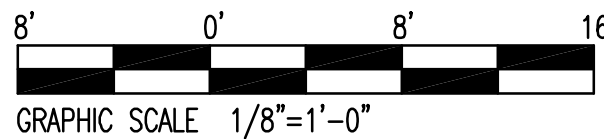
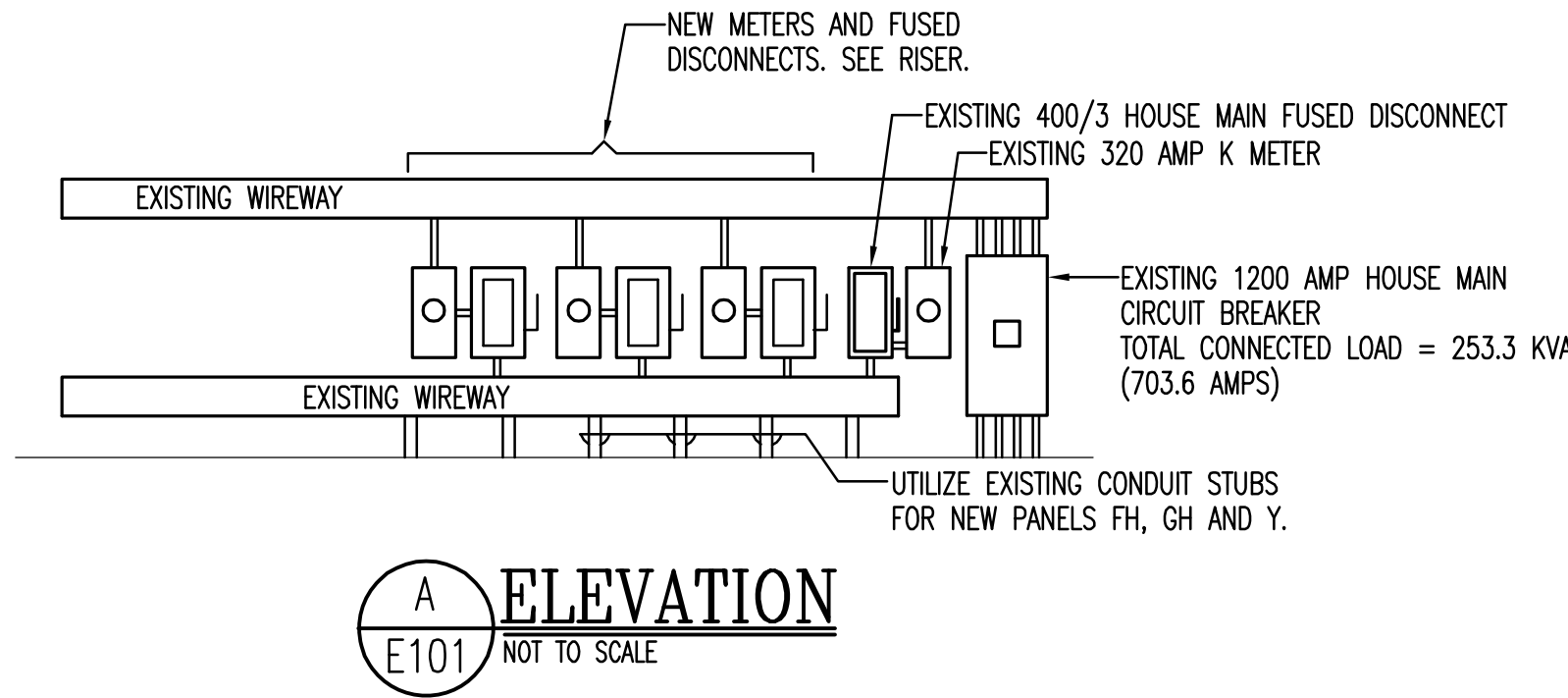
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTE

REMOVE EXISTING TEMPORARY ELECTRICAL SYSTEM FROM SHELL SPACE.  
FIELD VERIFY ALL EXISTING CONDITIONS AND REMOVE AND OR MODIFY  
EXISTING SYSTEMS FOR NEW TENANT BUILD OUTS.

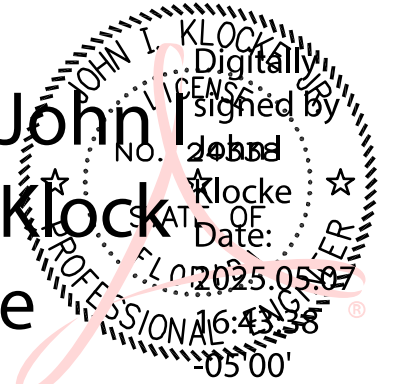
KEY NOTES

- ① APPROXIMATE LOCATION OF EXISTING 4" CONDUIT STUB. REROUTE TO NEW  
PANEL LOCATIONS (PANELS GH, FH AND Y) TURN 4TH CONDUIT UP AND  
ABOVE CORRIDOR CEILINGS.
- ② EXISTING FIRE ALARM CONTROL PANEL (EDWARDS EST)
- ③ EXISTING FIRE ALARM ANNUNCIATOR



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-Consulting Engineers-  
51 E. Gregory Street, Pensacola, Florida 32502, (850) 434-0989  
C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

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## SAVOY PLACE

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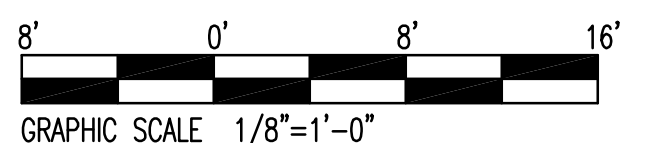
PROJECT NO. 2412

DATE : 05/07/25

SHEET TITLE :  
LIGHTING PLAN,  
LIGHTING CONTROL  
DETAILS

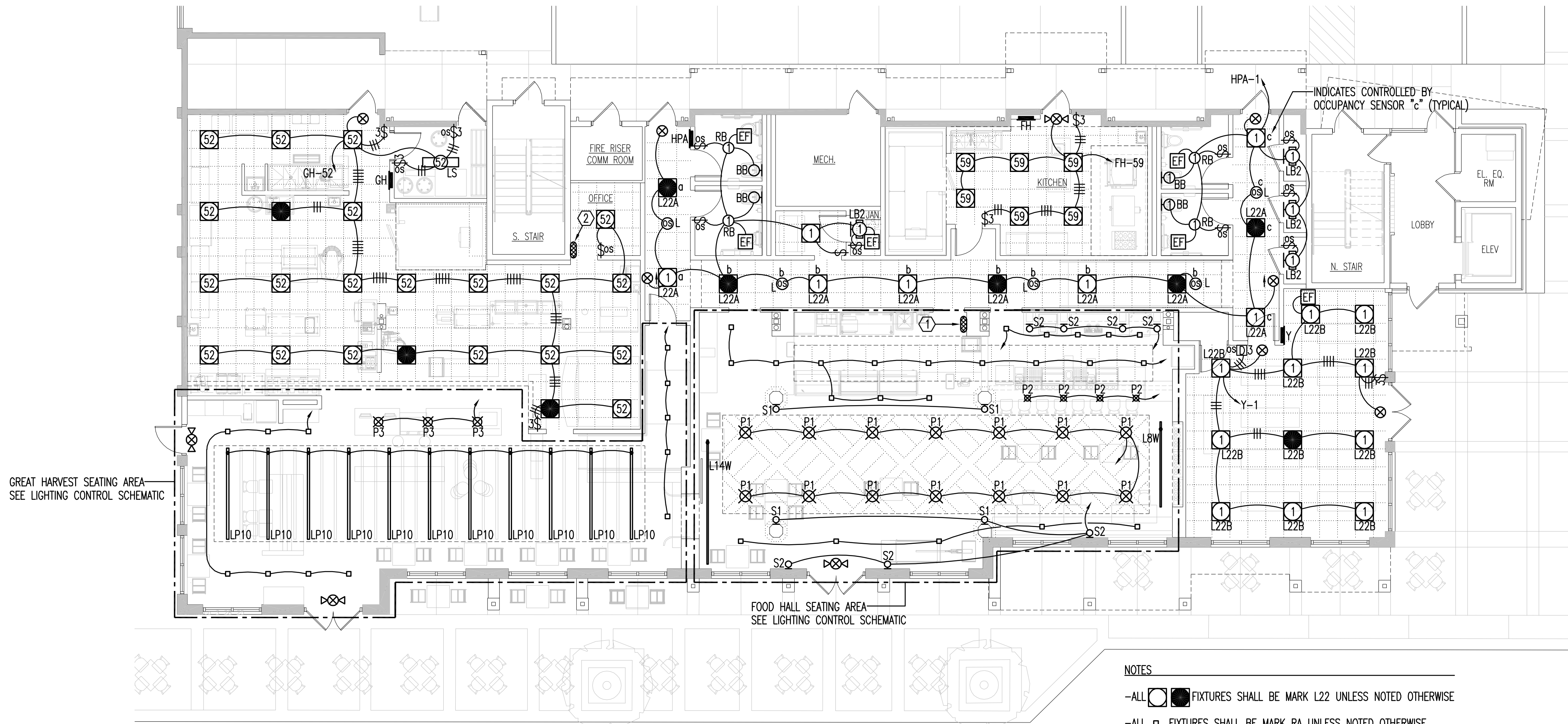
SHEET NO. :

# E102



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## LIGHTING PLAN

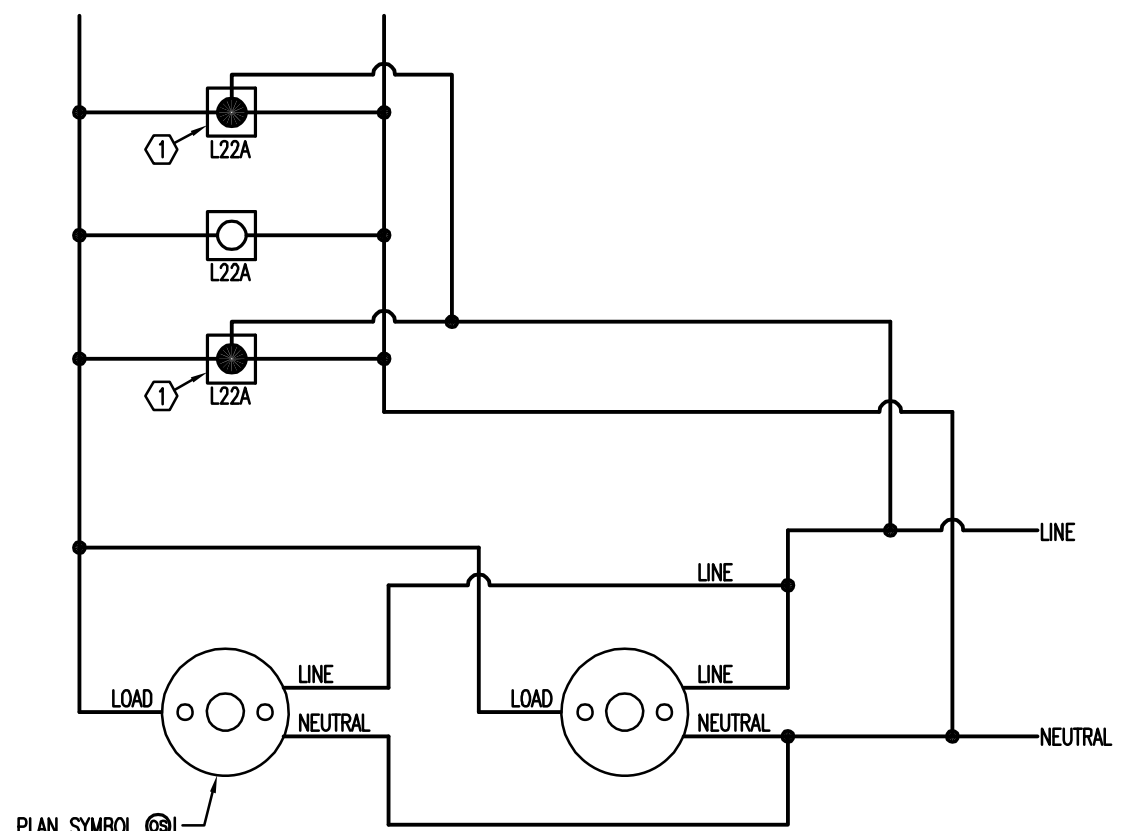
SCALE: 1/8"=1'-0"

### NOTES

- ALL FIXTURES SHALL BE MARK L22 UNLESS NOTED OTHERWISE
- ALL FIXTURES SHALL BE MARK RA UNLESS NOTED OTHERWISE
- CONNECT EXIT LIGHTS TO LOCAL LIGHTING CIRCUITS AHEAD OF SWITCH.

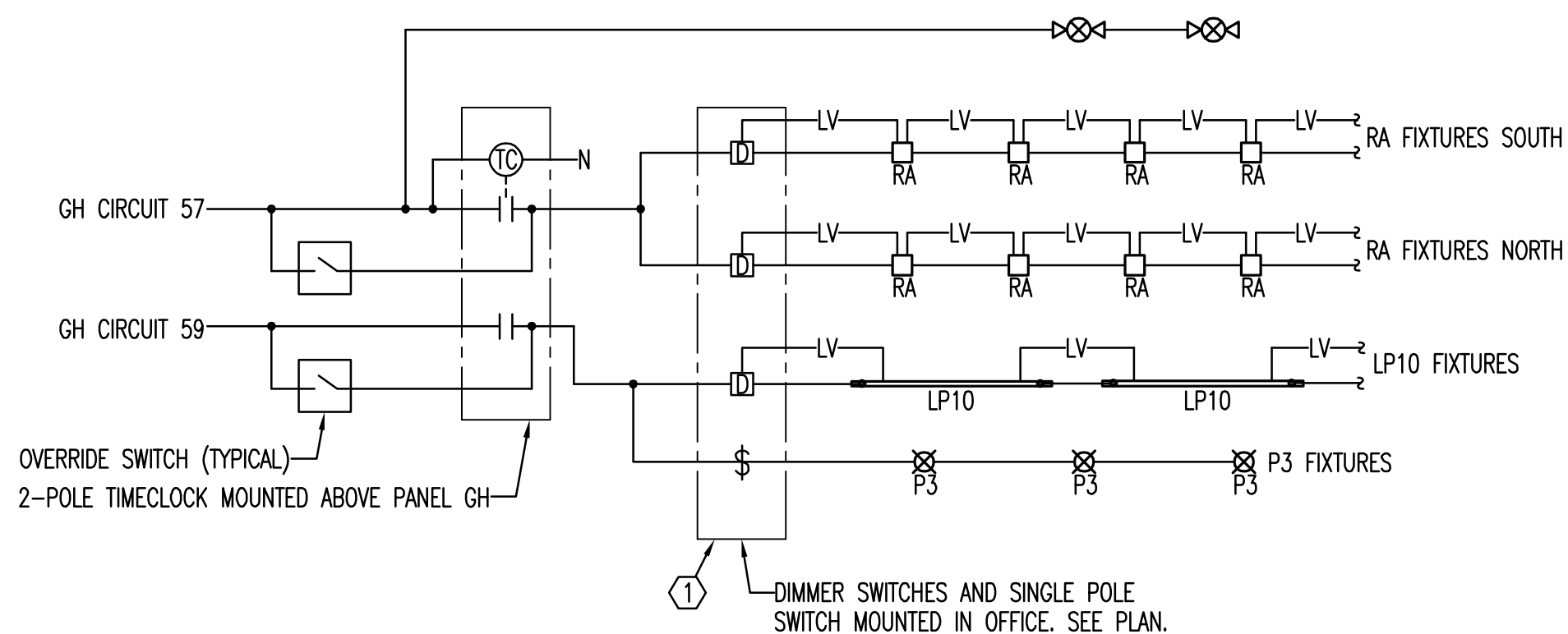
### KEY NOTES

- FOOD HALL DIMMER SWITCHES AND LIGHTING SWITCHES. SEE LIGHTING CONTROL SCHEMATIC.
- DIMMER SWITCHES AND SINGLE POLE SWITCHES SERVING GREAT HARVEST SEATING AREA LIGHTING. SEE LIGHTING CONTROL SCHEMATIC.

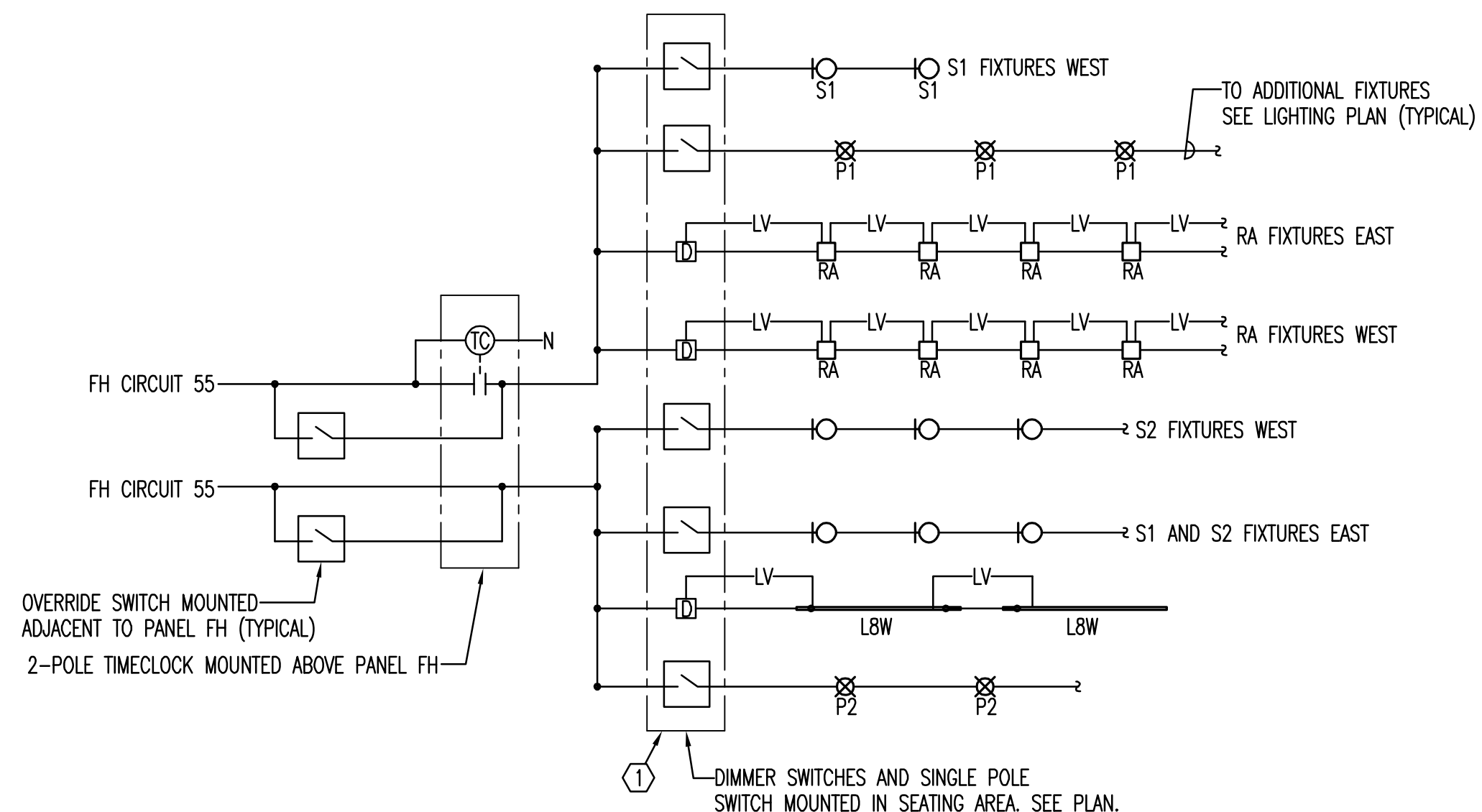


### CORRIDOR LIGHTING CONTROLS

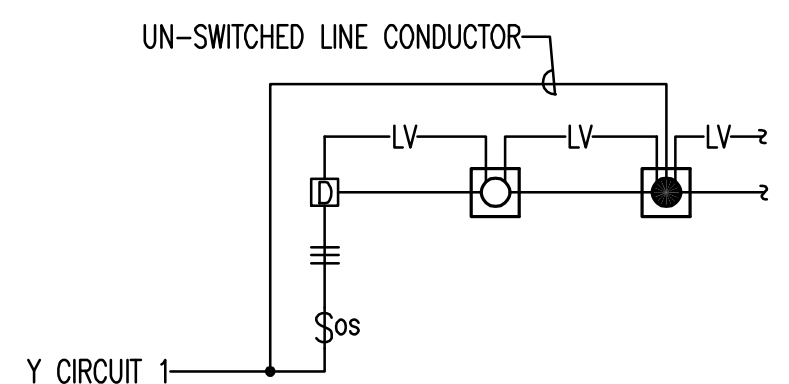
① FIXTURES WITH EMERGENCY UNIT BATTERY PACKS SHALL BE CONNECTED SUCH THAT THEY ARE CONTROLLED BY THE OCCUPANCY SENSORS BUT LOSS OF POWER SHALL CAUSE THE FIXTURES TO ENERGIZE.



### GREAT HARVEST SEATING AREA LIGHTING CONTROLS



### FOOD HALL LIGHTING SEATING AREA LIGHTING CONTROLS



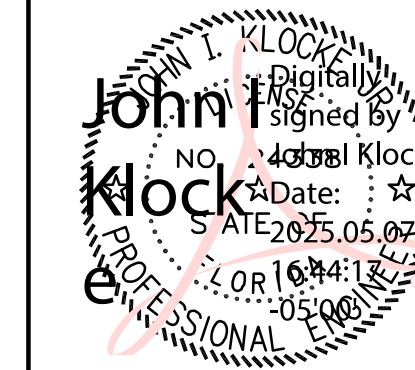
### YOGA LIGHTING CONTROLS

### GENERAL NOTES

- DIMMER SWITCH WITH 0-10V CONTROL LEGRAND RADIANT SERIES
- OCCUPANCY SENSOR DIMMER SWITCH WITH 0-10V CONTROL LEGRAND DW-311 SERIES
- SINGLE POLE LIGHTING SWITCH
- 0-10V WIRING (18/2 CABLE)
- ① TIME CLOCK SHALL BE INTERMATIC ETW2CP. PROGRAM AS DIRECTED BY THE TENANT.

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REVISIONS :

DRAWN BY : JPM

CHECKED BY : JIK

PROJECT NO. 2412

DATE : 05/07/25

SHEET TITLE :  
PARTIAL ENLARGED  
POWER PLAN

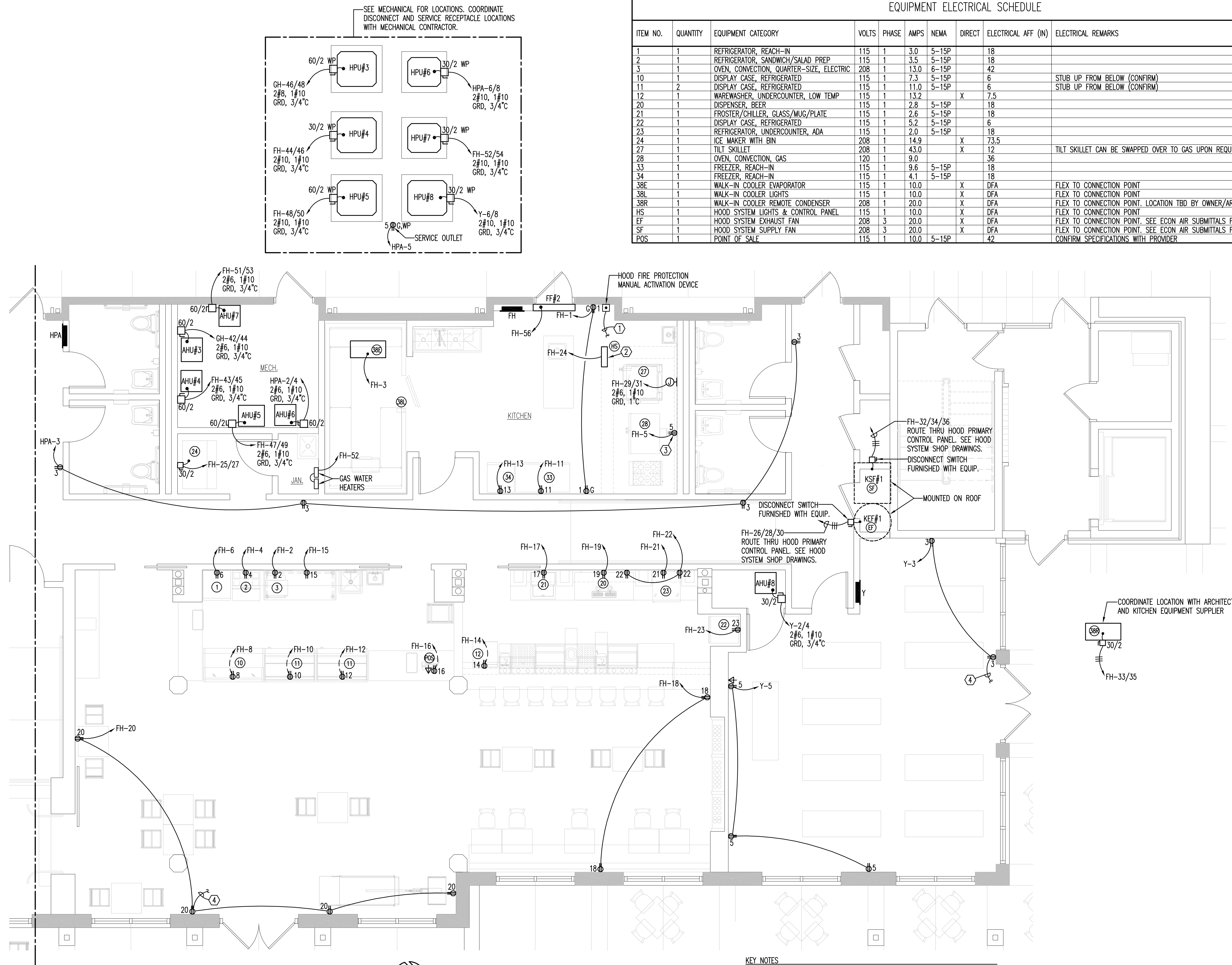
SHEET NO. :

E104

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## EQUIPMENT ELECTRICAL SCHEDULE

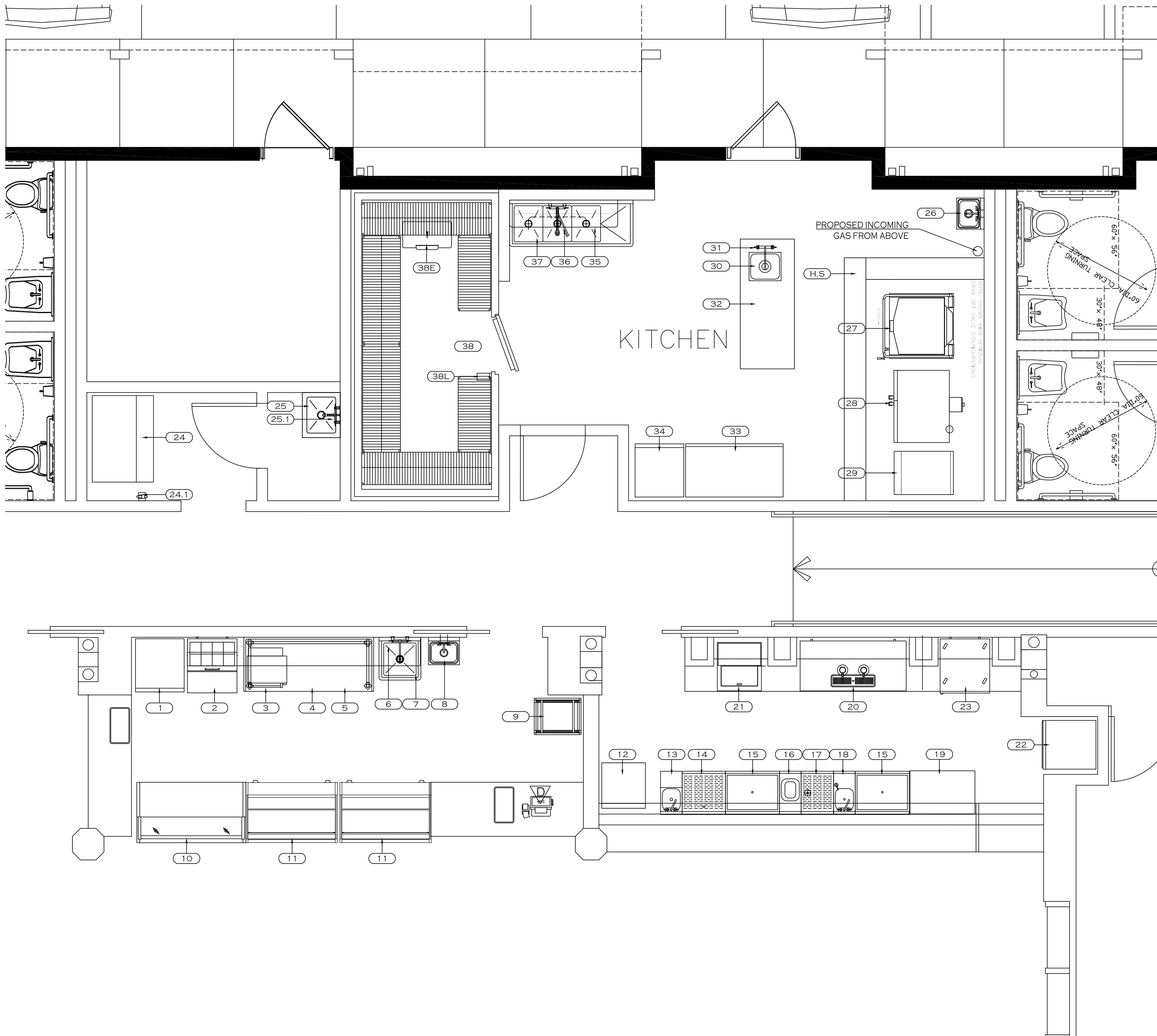
| ITEM NO. | QUANTITY | EQUIPMENT CATEGORY                       | VOLTS | PHASE | AMPS | NEMA  | DIRECT | ELECTRICAL AFF (IN) | ELECTRICAL REMARKS                                                            |
|----------|----------|------------------------------------------|-------|-------|------|-------|--------|---------------------|-------------------------------------------------------------------------------|
| 1        | 1        | REFRIGERATOR, REACH-IN                   | 115   | 1     | 3.0  | 5-15P |        | 18                  |                                                                               |
| 2        | 1        | REFRIGERATOR, SANDWICH/SALAD PREP        | 115   | 1     | 3.5  | 5-15P |        | 18                  |                                                                               |
| 3        | 1        | OVEN, CONVECTION, QUARTER-SIZE, ELECTRIC | 208   | 1     | 13.0 | 6-15P |        | 42                  |                                                                               |
| 10       | 1        | DISPLAY CASE, REFRIGERATED               | 115   | 1     | 7.3  | 5-15P |        | 6                   | STUB UP FROM BELOW (CONFIRM)                                                  |
| 11       | 2        | DISPLAY CASE, REFRIGERATED               | 115   | 1     | 11.0 | 5-15P |        | 6                   | STUB UP FROM BELOW (CONFIRM)                                                  |
| 12       | 1        | WAREWASHER, UNDERCOUNTER, LOW TEMP       | 115   | 1     | 13.2 |       | X      | 7.5                 |                                                                               |
| 20       | 1        | DISPENSER, BEER                          | 115   | 1     | 2.8  | 5-15P |        | 18                  |                                                                               |
| 21       | 1        | FROSTER/CHILLER, GLASS/MUG/PLATE         | 115   | 1     | 2.6  | 5-15P |        | 18                  |                                                                               |
| 22       | 1        | DISPLAY CASE, REFRIGERATED               | 115   | 1     | 5.2  | 5-15P |        | 6                   |                                                                               |
| 23       | 1        | REFRIGERATOR, UNDERCOUNTER, ADA          | 115   | 1     | 2.0  | 5-15P |        | 18                  |                                                                               |
| 24       | 1        | ICE MAKER WITH BIN                       | 208   | 1     | 14.9 |       | X      | 73.5                |                                                                               |
| 27       | 1        | TILT SKILLET                             | 208   | 1     | 43.0 |       | X      | 12                  | TILT SKILLET CAN BE SWAPPED OVER TO GAS UPON REQUEST                          |
| 28       | 1        | OVEN, CONVECTION, GAS                    | 120   | 1     | 9.0  |       |        | 36                  |                                                                               |
| 33       | 1        | FREEZER, REACH-IN                        | 115   | 1     | 9.6  | 5-15P |        | 18                  |                                                                               |
| 34       | 1        | FREEZER, REACH-IN                        | 115   | 1     | 4.1  | 5-15P |        | 18                  |                                                                               |
| 38E      | 1        | WALK-IN COOLER EVAPORATOR                | 115   | 1     | 10.0 |       | X      | DFA                 | FLEX TO CONNECTION POINT                                                      |
| 38L      | 1        | WALK-IN COOLER LIGHTS                    | 115   | 1     | 10.0 |       | X      | DFA                 | FLEX TO CONNECTION POINT                                                      |
| 38R      | 1        | WALK-IN COOLER REMOTE CONDENSER          | 208   | 1     | 20.0 |       | X      | DFA                 | FLEX TO CONNECTION POINT. LOCATION TBD BY OWNER/ARCHITECT/ENGINEER            |
| HS       | 1        | HOOD SYSTEM LIGHTS & CONTROL PANEL       | 115   | 1     | 10.0 |       | X      | DFA                 | FLEX TO CONNECTION POINT                                                      |
| EF       | 1        | HOOD SYSTEM EXHAUST FAN                  | 208   | 3     | 20.0 |       | X      | DFA                 | FLEX TO CONNECTION POINT. SEE ECON AIR SUBMITTALS FOR DETAILED SPECIFICATIONS |
| SF       | 1        | HOOD SYSTEM SUPPLY FAN                   | 208   | 3     | 20.0 |       | X      | DFA                 | FLEX TO CONNECTION POINT. SEE ECON AIR SUBMITTALS FOR DETAILED SPECIFICATIONS |
| POS      | 1        | POINT OF SALE                            | 115   | 1     | 10.0 | 5-15P |        | 42                  | CONFIRM SPECIFICATIONS WITH PROVIDER                                          |

PARTIAL ENLARGED POWER PLAN  
SCALE: 1/4" = 1'-0"

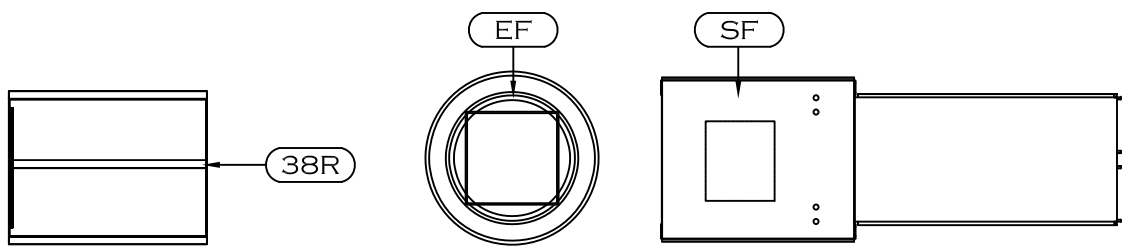
## KEY NOTES

- 1) 1/2" WITH 4/C, 24VDC CABLE TO HOOD SYSTEM. SEE HOOD SHOP DRAWINGS.
- 2) HOOD PRIMARY CONTROL PANEL.
- 3) ROUTE CIRCUIT THRU A FLUSH MOUNTED FACELESS GFCI DEVICE MOUNTED ADJACENT TO PANEL FH. LABEL "CONVECTION OVEN POWER RESET" (HUBBELL GFBFST20W)
- 4) PROVIDE CONNECTION TO POWER ASSIST DOOR.

4' 0' 4' 8'  
GRAPHIC SCALE 1/4" = 1'-0"KLOCKE & ASSOCIATES, INC.  
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ENGINEER AND/OR OWNER.



| EQUIPMENT SCHEDULE |     |                                              |
|--------------------|-----|----------------------------------------------|
| ITEM NO.           | QTY | EQUIPMENT CATEGORY                           |
| 1                  | 1   | REFRIGERATOR, REACHIN                        |
| 2                  | 1   | REFRIGERATOR, SANDWICH/SALAD PREP            |
| 3                  | 1   | OVEN, CONVECTION, QUARTER-SIZE, ELECTRIC     |
| 4                  | 1   | TABLE, BAKER'S W/SPLASH                      |
| 5                  | 1   | SHELF, WALL MOUNT                            |
| 6                  | 1   | FAUCET, WALL MOUNT                           |
| 7                  | 1   | SINK, NSF, 1 COMP, 16 GAUGE                  |
| 8                  | 1   | HAND SINK, WALL MOUNT                        |
| 9                  | 1   | RACK, PAN                                    |
| 10                 | 1   | DISPLAY CASE, REFRIGERATED                   |
| 11                 | 2   | DISPLAY CASE, REFRIGERATED                   |
| 12                 | 1   | WAREWASHER, UNDERCOUNTER, LOW TEMP           |
| 13                 | 1   | UNDERBAR BLENDER STATION                     |
| 14                 | 1   | UNDERBAR GLASS RACK                          |
| 15                 | 2   | UNDERBAR ICE CHEST                           |
| 16                 | 1   | UNDERBAR DRY WASTE                           |
| 17                 | 1   | UNDERBAR FILLERS & DRAINBOARDS               |
| 18                 | 1   | UNDERBAR HANDSINK W/ SOAP & TOWEL DISPENSERS |
| 19                 | 1   | TABLE, WORK                                  |
| 20                 | 1   | DISPENSER, BEER                              |
| 21                 | 1   | FROSTER/CHILLER, GLASS/MUG/PLATE             |
| 22                 | 1   | DISPLAY CASE, REFRIGERATED                   |
| 23                 | 1   | REFRIGERATOR, UNDERCOUNTER, ADA              |
| 24                 | 1   | ICE MAKER W/ BIN                             |
| 24.1               | 1   | WATER FILTER, ICE MACHINE                    |
| 25                 | 1   | SINK, MOP                                    |
| 25.1               | 1   | SERVICE FAUCET                               |
| 26                 | 1   | HAND SINK, WALL MOUNT                        |
| 27                 | 1   | TILT SKILLET                                 |
| 28                 | 1   | OVEN, CONVECTION, GAS                        |
| 29                 | 1   | HOT PLATE, GAS                               |
| 30                 | 1   | SINK, WELDED INTO TABLE                      |
| 31                 | 1   | FAUCET, DECK MOUNT                           |
| 32                 | 1   | TABLE WORK, 5/8" X 6' LONG                   |
| 33                 | 1   | FREEZER, REACHIN                             |
| 34                 | 1   | FREEZER, REACHIN                             |
| 35                 | 1   | POT RACK, WALL MOUNT                         |
| 36                 | 1   | PRE-RINSE FAUCET, WALL MOUNT                 |
| 37                 | 1   | SINK, NSF, 3 COMP, 16 GAUGE                  |
| 38                 | 1   | WALK IN COOLER PANELS                        |
| 38E                | 1   | WALK IN COOLER EVAPORATOR                    |
| 38L                | 1   | WALK IN COOLER LIGHTS                        |
| 38R                | 1   | WALK IN COOLER REMOTE CONDENSER              |
| H.S.               | 1   | HOOD SYSTEM PACKAGE                          |
| EF                 | 1   | HOOD SYSTEM EXHAUST FAN                      |
| SF                 | 1   | HOOD SYSTEM SUPPLY FAN                       |

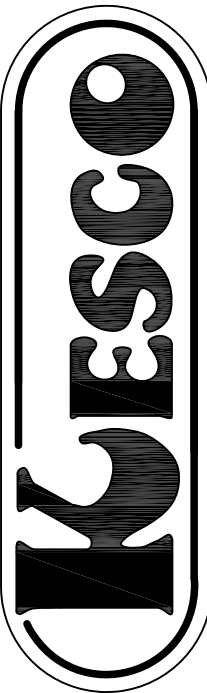
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Kitchen Equipment & Supply Co.

Bradenton, FL  
818 Manatee Ave. S., 3rd Fl.  
7218 Government Blvd.  
7300 First Street Rd.  
7400 W. Main Street  
850-455-7900  
850-455-1033  
231-450-2221

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THE BLOCKS

PENSACOLA, FL.

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ISSUED FOR: \_\_\_\_\_  
FOOD SERVICE LAYOUT  
DATE: \_\_\_\_\_

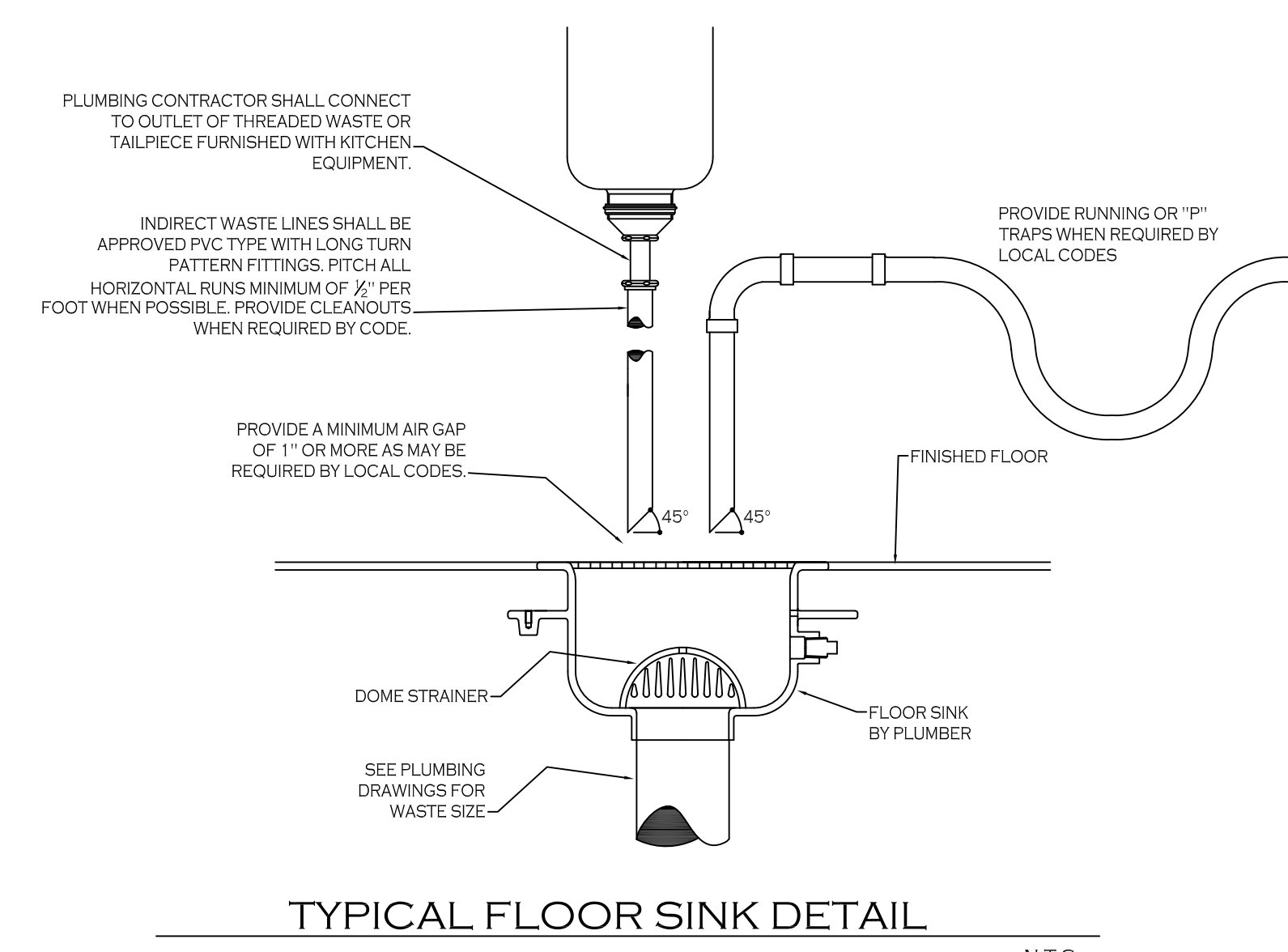
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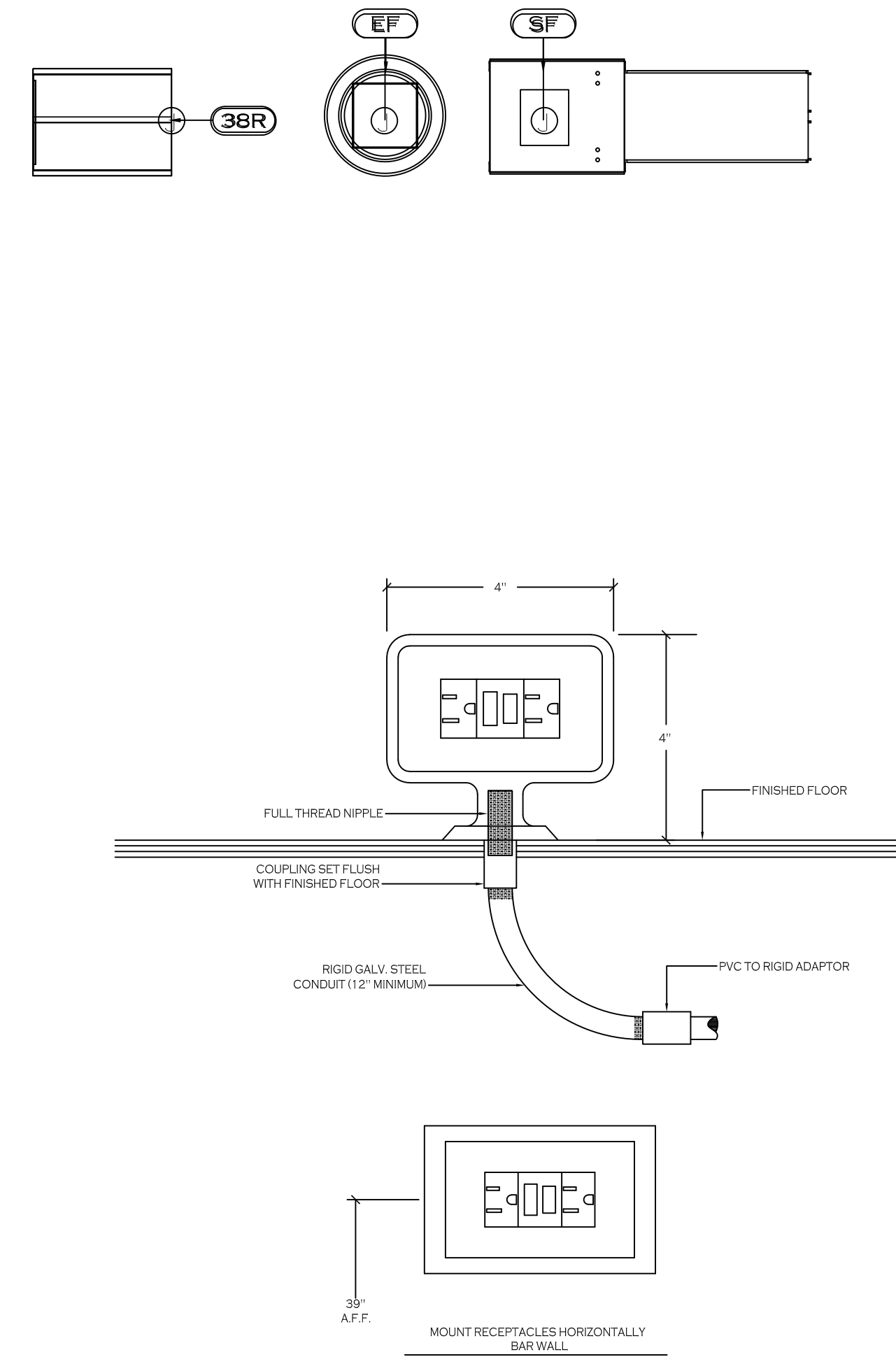
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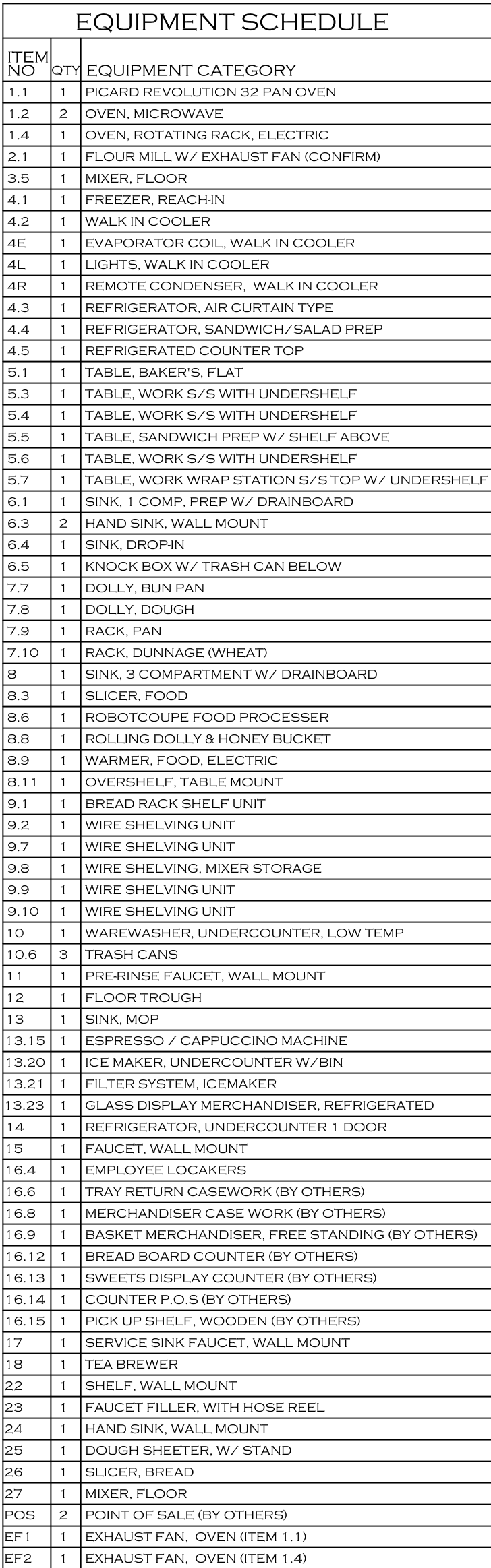


| ELECTRICAL LEGEND                                                                     |                                   |               |                                               |
|---------------------------------------------------------------------------------------|-----------------------------------|---------------|-----------------------------------------------|
| SYMBOLS                                                                               |                                   | ABBREVIATIONS |                                               |
|  | JUNCTION BOX (JBOX)               | A             | AMPERES                                       |
|  | DATA LINE CONNECTION              | V             | VOLTS                                         |
|  | DUPLEX ELECTRICAL OUTLET (DCO)    | W             | WATTS                                         |
|  | QUADPLEX ELECTRICAL OUTLET (DCO)  | PH            | PHASE                                         |
|  | SINGLE ELECTRICAL OUTLET (SCO)    | AFF           | ABOVE FINISHED FLOOR                          |
|  | EQUIPMENT INTERCONNECTION BY E.C. | DFA           | DOWN FROM ABOVE                               |
| F                                                                                     | FLUORESCENT LIGHT FIXTURE         | BTC           | BRANCH TO CONNECTION POINT AND CONNECT EQUIP. |
| \$                                                                                    | SWITCH AS NOTED                   | HP            | HORSE POWER                                   |
|                                                                                       |                                   | KW            | KILOWATTS                                     |
|                                                                                       |                                   | DC            | DIRECT CONNECTION                             |
|                                                                                       |                                   | K.E.C.        | KITCHEN EQUIPMENT CONTRACTOR                  |
|                                                                                       |                                   | E.C.          | ELECTRICAL CONTRACTOR                         |
|                                                                                       |                                   | C.O.          | CONVENIENCE OUTLET 120 VOLT 1 PH 20.0A        |

|                                                                                                                                                                                                                                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
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SHEET NO.

FS4



| ITEM NO. |                                   | EQUIPMENT CATEGORY                             |  |
|----------|-----------------------------------|------------------------------------------------|--|
| 1        | 1                                 | PICARD REVOLUTION 32 PAN OVEN                  |  |
| 1.2      | 2                                 | OVEN, MICROWAVE                                |  |
| 1.4      | 1                                 | OVEN, ROTATING RACK, ELECTRIC                  |  |
| 2        | 1                                 | FLOUR MILL, W/ EXHAUST FAN (CONFIRM)           |  |
| 3.5      | 1                                 | MIXER, FLOOR                                   |  |
| 4        | 1                                 | FREEZER, REACHIN                               |  |
| 4.2      | 2                                 | WALK IN COOLER                                 |  |
| 4E       | 1                                 | EVAPORATOR COIL, WALK IN COOLER                |  |
| 4R       | 1                                 | LIGHTS, WALK IN COOLER                         |  |
| 4R       | 1                                 | REMOTE CONDENSER, WALK IN COOLER               |  |
| 4.3      | 1                                 | REFRIGERATOR, AIR CURTAIN TYPE                 |  |
| 4.4      | 1                                 | REFRIGERATOR, SANDWICH/SALAD PREP              |  |
| 4.5      | 1                                 | REFRIGERATED COUNTER TOP                       |  |
| 5        | 1                                 | TABLE, BAKER'S FLAT                            |  |
| 5.3      | 1                                 | TABLE, WORK S/S WITH UNDERSHELF                |  |
| 5.4      | 1                                 | TABLE, WORK S/S WITH UNDERSHELF                |  |
| 5.5      | 1                                 | TABLE, SANDWICH PREP W/ SHELF ABOVE            |  |
| 5.6      | 1                                 | TABLE, WORK S/S WITH UNDERSHELF                |  |
| 5.7      | 1                                 | TABLE, WORK WRAP STATION S/S TOP W/ UNDERSHELF |  |
| 6        | 1                                 | SINK, 1 COMP, PREP W/ DRAINBOARD               |  |
| 6.3      | 2                                 | HAND SINK, WALL MOUNT                          |  |
| 6.4      | 1                                 | SINK, DROPIN                                   |  |
| 6.5      | 1                                 | KNOCK BOX W/ TRASH CAN BELOW                   |  |
| 7        | 7                                 | DOLLY, BUN PAN                                 |  |
| 7.8      | 1                                 | DOLLY, DOUGH                                   |  |
| 7.9      | 1                                 | RACK, PAN                                      |  |
| 7.10     | 1                                 | RACK, DUNNAGE (WHEAT)                          |  |
| 8        | SINK, 3 COMPARTMENT W/ DRAINBOARD |                                                |  |
| 8.3      | 1                                 | SLICER, FOOD                                   |  |
| 8.6      | 1                                 | ROBOTCOUPE FOOD PROCESSER                      |  |
| 8.8      | 1                                 | ROLLING DOLLY & HONEY BUCKET                   |  |
| 8.9      | 1                                 | WARNER, FOOD ELECTRIC                          |  |
| 8.11     | 1                                 | OVERSHELF, TABLE MOUNT                         |  |
| 9        | 1                                 | BREAD RACK SHELF UNIT                          |  |
| 9.2      | 1                                 | WIRE SHELVING UNIT                             |  |
| 9.7      | 1                                 | WIRE SHELVING UNIT                             |  |
| 9.8      | 1                                 | WIRE SHELVING, MIXER STORAGE                   |  |
| 9.9      | 1                                 | WIRE SHELVING UNIT                             |  |
| 9.10     | 1                                 | WIRE SHELVING UNIT                             |  |
| 10       | 1                                 | WAREHOUSING, UNDERCOUNTER, LOW TEMP            |  |
| 10.6     | 3                                 | TRASH CANS                                     |  |
| 11       | 1                                 | PRE RINSE FAUCET, WALL MOUNT                   |  |
| 12       | 1                                 | SINK TROUGH                                    |  |
| 13       | 1                                 | FLOOR MOP                                      |  |
| 13.15    | 1                                 | ESPRESSO / CAPPUCCINO MACHINE                  |  |
| 13.20    | 1                                 | ICE MAKER, UNDERCOUNTER W/BIN                  |  |
| 13.21    | 1                                 | FILTER SYSTEM, ICEMAKER                        |  |
| 13.23    | 1                                 | GLASS DISPLAY MERCHANDISER, REFRIGERATED       |  |
| 14       | 1                                 | REFRIGERATOR, UNDERCOUNTER 1 DOOR              |  |
| 15       | 1                                 | FAUCET, WALL MOUNT                             |  |
| 16.4     | 1                                 | EMPLOYEE LOCKERS                               |  |
| 16.6     | 1                                 | TRAY RETURN CASEWORK (BY OTHERS)               |  |
| 16.8     | 1                                 | MERCHANDISER CASE WORK (BY OTHERS)             |  |
| 16.9     | 1                                 | BASKET MERCHANDISOR, FREE STANDING (BY OTHERS) |  |
| 16.12    | 1                                 | BREAD BOARD COUNTER (BY OTHERS)                |  |
| 16.13    | 1                                 | SWEETS DISPLAY COUNTER (BY OTHERS)             |  |
| 16.14    | 1                                 | COUNTER, P.O.S. (BY OTHERS)                    |  |
| 16.15    | 1                                 | PICK UP SHELF, WOODEN (BY OTHERS)              |  |
| 17       | 1                                 | SERVICE SINK FAUCET, WALL MOUNT                |  |
| 18       | 1                                 | TEA BREWER                                     |  |
| 22       | 1                                 | SHELF, WALL MOUNT                              |  |
| 23       | 1                                 | FAUCET FILLER, WITH HOSE REEL                  |  |
| 24       | 1                                 | HAND SINK, WALL MOUNT                          |  |
| 25       | 1                                 | DOUGH SHETER, W/ STAND                         |  |
| 26       | 1                                 | SLICER, BREAD                                  |  |
| 27       | 1                                 | MIXER, FLOOR                                   |  |
| POS      | 2                                 | POINT OF SALE (BY OTHERS)                      |  |
| EF1      | 1                                 | EXHAUST FAN, OVEN ITEM 1.1)                    |  |
| EF2      | 1                                 | EXHAUST FAN, OVEN ITEM 1.4)                    |  |

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**Misco**

# Kitchen Equipment & Supply Co.

|                                                                                    |                                                                               |                                                                                                 |                                                                                       |                                                                                   |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Mary Esther</b><br>5 Mary Esther Blvd.<br>Mary Esther, FL 32569<br>850-243-7900 | <b>Pensacola</b><br>1600 W Main Street<br>Pensacola, FL 32507<br>850-456-1633 | <b>Panama City Beach</b><br>7930 Front Beach Rd.<br>Panama City Beach, FL 32407<br>850-234-1522 | <b>Mobile, Ala.</b><br>2718 Government Blvd.<br>Mobile, Alabama 36606<br>251-440-2221 | <b>Bradenton</b><br>816 Manatee Ave Ste 13<br>Bradenton, FL 34208<br>941-417-0200 |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|

OWNER:

SEAL:

GREAT HARVEST  
BREAD CO.

PENSACOLA, FL.

## REVISIONS

02.18.25  
02.19.25  
03.19.25

ISSUED FOR:

FOOD SERVICE LAYOUT

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SHEET TITLE:

## FOODSERVICE LAYOUT

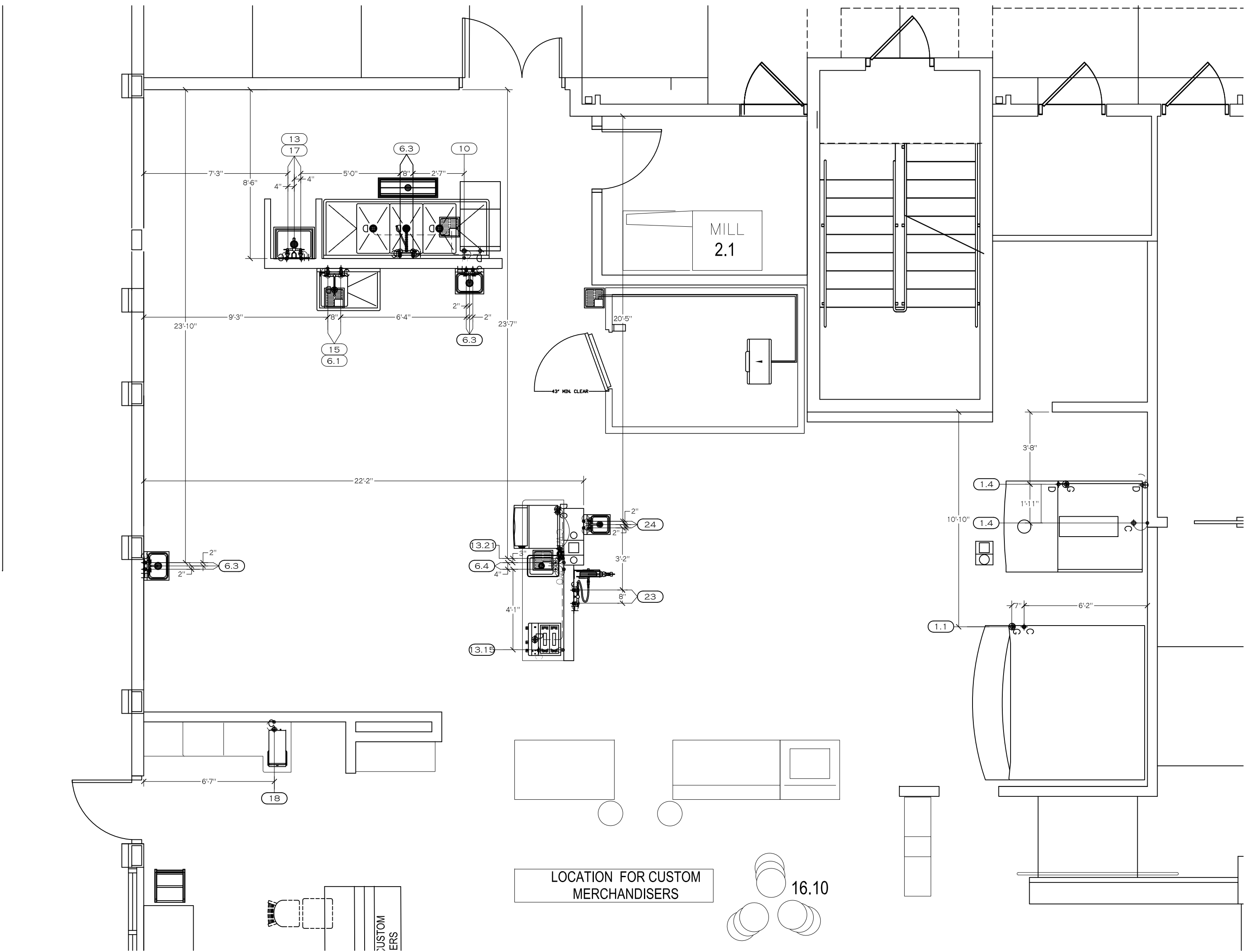
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GH 1



### PLUMBING GENERAL NOTES

SEE EQUIPMENT PLAN AND SCHEDULE FOR ADDITIONAL INFORMATION  
P.C. TO PROVIDE ALL ROUGH IN AND FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN HEREIN

- SOLID DOT REPRESENTS ROUGH IN LOCATION.  
(FURNISHED BY P.C.)
- DOTTED LINE REPRESENTS FINAL CONNECTION.  
(FURNISHED BY P.C.)
- CIRCLE REPRESENTS CONNECTION TO EQUIPMENT.  
(FURNISHED BY P.C.)

PLUMBING CONTRACTOR (P.C.) TO KEEP ALL PLUMBING LINES CLEAR  
OF WALL BACKING AREAS.

P.C. TO INSTALL REGULATORS AS REQUIRED.

P.C. TO VERIFY PLUMBING REQUIREMENTS AND LOCATIONS  
FOR EQUIPMENT SUPPLIED BY OTHERS.

### PLUMBING LEGEND

| SYMBOLS |                                                           | ABBREVIATIONS |                      |
|---------|-----------------------------------------------------------|---------------|----------------------|
|         | HOT WATER                                                 | HW            | HOT WATER            |
|         | COLD WATER                                                | CW            | COLD WATER           |
|         | DIRECT DRAIN                                              | DR            | DRAIN                |
|         | FLOOR SINK                                                | AFF           | ABOVE FINISHED FLOOR |
|         | GAS CONNECTION                                            | FS            | FLOOR SINK           |
|         | FLEX CONNECT HOSE                                         |               |                      |
|         | PLUMBING INTERCONNECTION                                  |               |                      |
|         | INDIRECT WASTE                                            |               |                      |
|         | DRAIN                                                     |               |                      |
|         | FLOOR DRAIN (QUANTITY AND LOCATION BY ARCHITECT/ENGINEER) |               |                      |

NOTE A: BACKFLOW PREVENTERS ARE TO BE SUPPLIED AND INSTALLED BY PLUMBER ON ALL  
EQUIPMENT WHERE REQUIRED BY LOCAL CODE.

NOTE B: PRESSURE REDUCING VALVE BY OTHERS IF REQUIRED.

NOTE C: P.C. TO EXTEND AND CONNECT ALL PLUMBING LINES TO CONNECTION POINTS OF  
FOOD SERVICE EQUIPMENT.

NOTE D: P.C. TO FURNISH AND INSTALL LINE SHUT OFF VALVES ON ALL PLUMBING FIXTURES.

NOTE E: P.C. TO EXTEND WATER LINES THROUGH VACUUM BREAKERS WHERE INLETS ARE  
SUBJECT TO SUBMERSION.

### EQUIPMENT PLUMBING SCHEDULE

| ITEM NO. | QTY | EQUIPMENT CATEGORY                 | COLD WATER SIZE (IN) | HOT WATER SIZE (IN) | COLD WATER AFF. (IN) | HOT WATER AFF. (IN) | INDIRECT DRAIN SIZE (IN) | GAS SIZE (IN) | WATER MOUNT | REMARKS                                       |
|----------|-----|------------------------------------|----------------------|---------------------|----------------------|---------------------|--------------------------|---------------|-------------|-----------------------------------------------|
| 1.1      | 1   | OVEN, PICARD GAS                   | 0.25                 | 94                  |                      |                     |                          | 3/4"          | 250K        |                                               |
| 1.4      | 1   | OVEN, ROTATING RACK, GAS           | 0.5                  | 94                  |                      |                     | 0.5                      | 1"            | 180K        | 5"X14" W/C GAS CONNECTION 1" NPT @ 102" AFF   |
| 4E       | 1   | EVAPORATOR COIL, WALK IN COOLER    |                      |                     |                      |                     | 0.75                     |               |             | DRAIN INDIRECT TO FLOOR SINK DRAIN            |
| 4.3      | 1   | REFRIGERATOR, AIR CURTAIN TYPE     |                      |                     |                      |                     | 0.75                     |               |             |                                               |
| 6.1      | 1   | SINK, 1 COMP, PREP W/ DRAINBOARD   | 0.5                  | 0.5                 | 18                   | 18                  | 1.75                     |               |             | DRAIN INDIRECT TO FLOOR SINK                  |
| 6.3      | 2   | HAND SINK, WALL MOUNT              | 0.5                  | 0.5                 | 18                   | 18                  | 1.5                      |               |             |                                               |
| 6.4      | 1   | SINK, DROPHIN                      | 0.5                  | 0.5                 | 18                   | 18                  | 1.5                      |               |             |                                               |
| 8        | 1   | SINK, 3 COMPARTMENT W/ DRAINBOARD  |                      |                     |                      |                     | 2                        |               |             | DRAIN INDIRECT TO FLOOR SINK                  |
| 10       | 1   | WAREWASHER, UNDERCOUNTER, LOW TEMP |                      | 0.5                 |                      | 3.25                | 1.375                    |               |             | CONFIRM SPECS WITH PROVIDER                   |
| 11       | 1   | PRE-RINSE FAUCET, WALL MOUNT       | 0.5                  | 0.5                 | 18                   | 18                  |                          |               |             |                                               |
| 12       | 1   | FLOOR TROUGH DRAIN                 |                      |                     |                      |                     | 4                        |               |             |                                               |
| 13       | 1   | SINK, MOP                          |                      |                     |                      |                     | 2                        |               |             |                                               |
| 13.15    | 1   | ESPRESSO / CAPPUCCINO MACHINE      | 0.25                 | 2                   |                      |                     | 0.5                      |               |             | CONFIRM SPECS WITH PROVIDER                   |
| 13.20    | 1   | ICE MAKER, UNDERCOUNTER W/BIN      | 0.375                | 18                  |                      |                     | 0.5                      |               |             | INCOMING WATER FROM WATER FILTER (ITEM 13.21) |
| 13.21    | 1   | FILTER SYSTEM, ICEMAKER            | 0.375                | 26                  |                      |                     |                          |               |             |                                               |
| 15       | 1   | FAUCET, WALL MOUNT                 | 0.5                  | 0.5                 | 18                   | 18                  |                          |               |             |                                               |
| 17       | 1   | SERVICE SINK FAUCET, WALL MOUNT    | 0.5                  | 0.5                 | 36                   | 36                  |                          |               |             |                                               |
| 18       | 1   | TEA BREWER                         | 0.375                | 26                  |                      |                     |                          |               |             | CONFIRM SPECS WITH PROVIDER                   |
| 23       | 1   | HOSE REEL WITH SPRAY               | 0.5                  | 0.5                 |                      |                     |                          |               |             |                                               |
| 24       | 1   | HAND SINK, WALL MOUNT              | 0.5                  | 0.5                 | 18                   | 18                  | 1.5                      |               |             |                                               |

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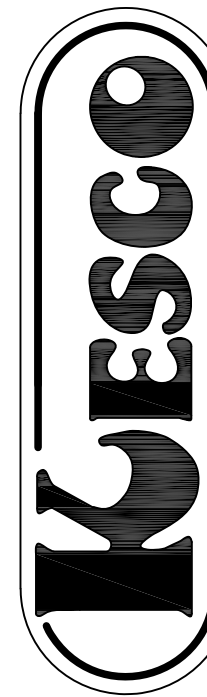
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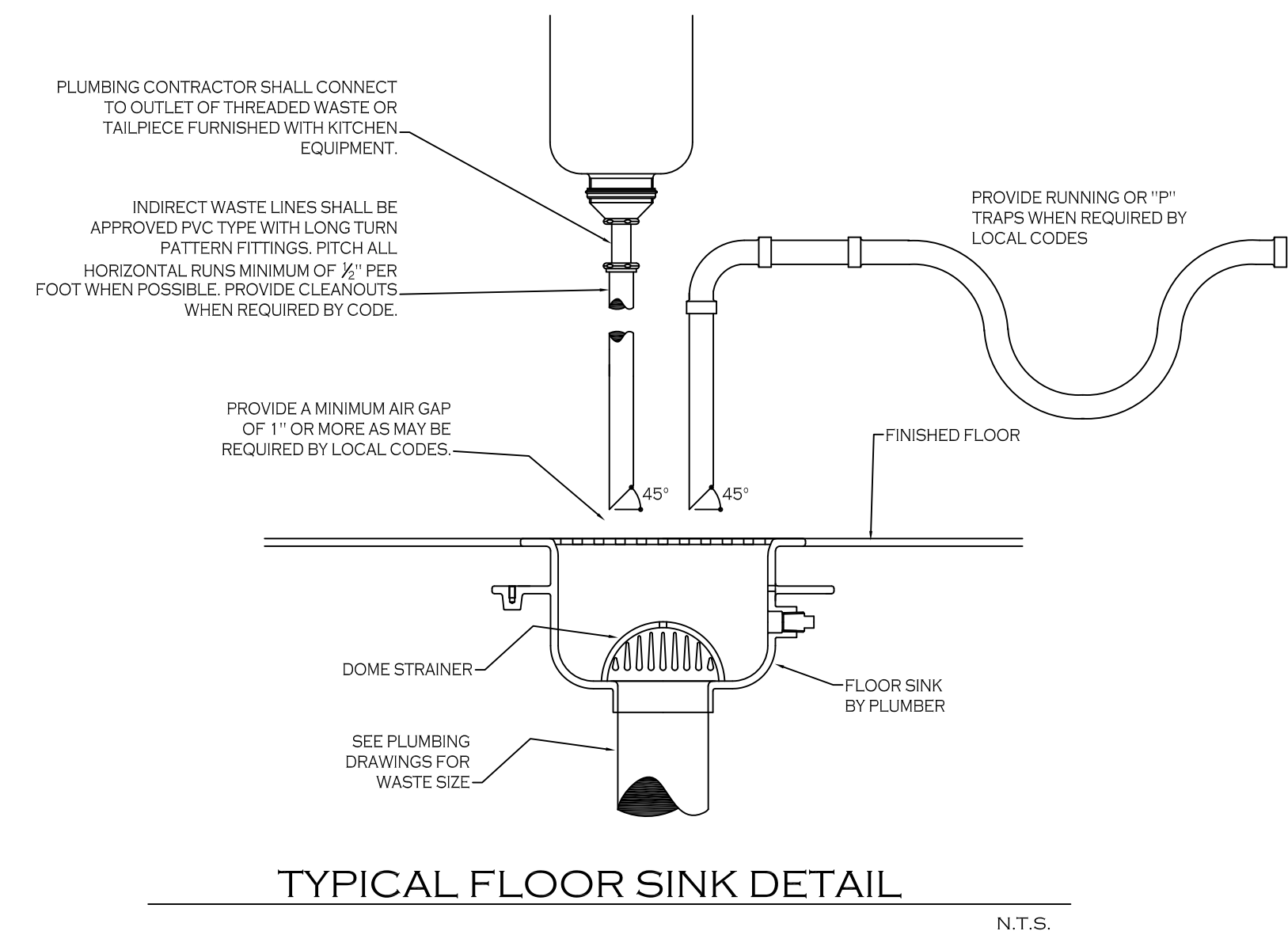
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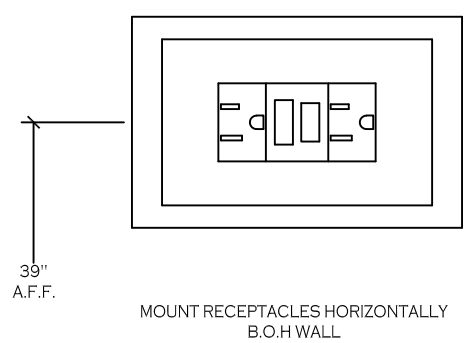
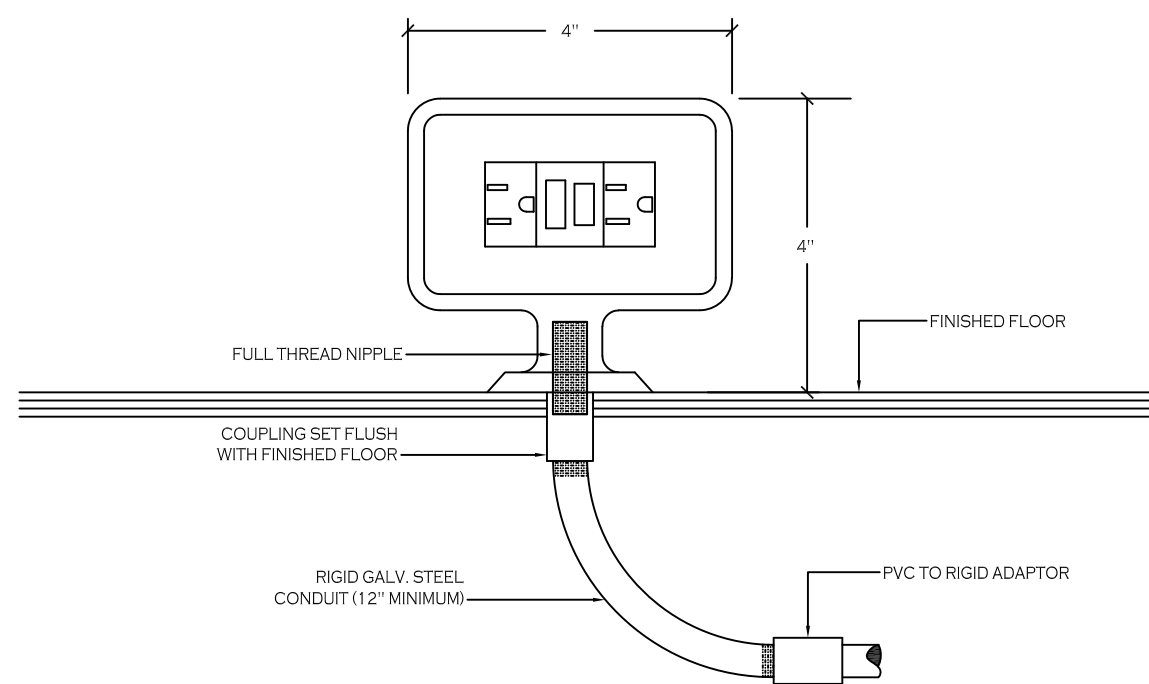
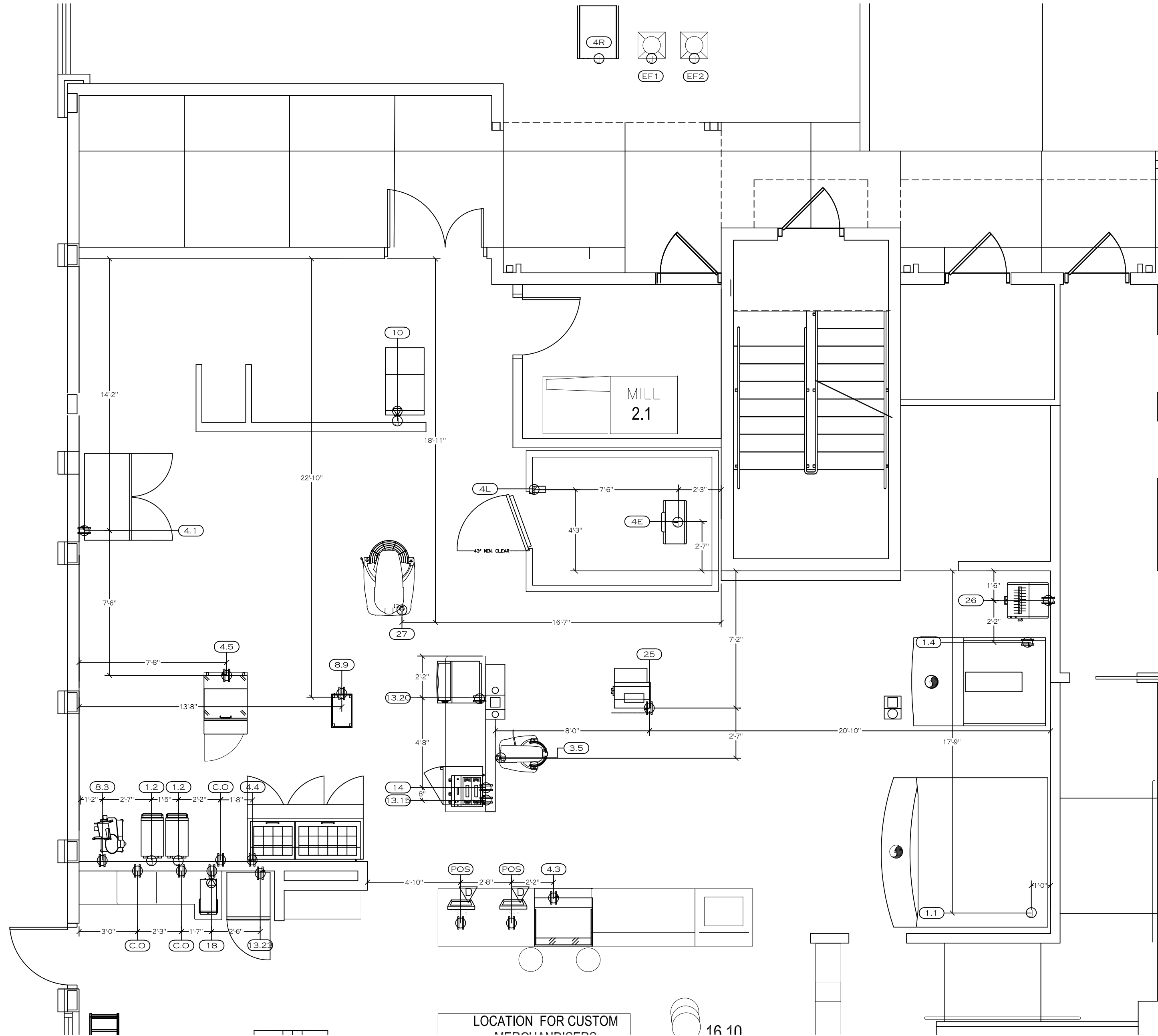
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Panama City, FL 32401  
850-234-1522  
850-234-1522

850 W. Main Street  
Pensacola, FL 32507  
850-465-1833  
850-465-1833

850 N. Main Street  
New Ellier, AL 36551  
850-234-1522  
850-234-1522



GH3



| EQUIPMENT ELECTRICAL SCHEDULE |     |                                          |         |       |      |      |        |                              |                                                 |
|-------------------------------|-----|------------------------------------------|---------|-------|------|------|--------|------------------------------|-------------------------------------------------|
| ITEM NO.                      | QTY | EQUIPMENT CATEGORY                       | VOLTS   | PHASE | AMPS | PLUG | NEMA   | DIRECT ELECTRICAL CONNECTION | ELEC. REMARKS                                   |
| 1.1                           | 1   | OVEN, PICARD GAS                         | 208     | 1     | 11.0 |      |        | X DFA                        |                                                 |
| 1.2                           | 2   | OVEN, MICROWAVE                          | 208/240 | 1     | 20.0 | X    | 6-20P  | X                            | CORD AND PLUG FURNISHED                         |
| 1.4                           | 1   | OVEN, ROTATING RACK, GAS                 | 208/240 | 1     | 8.8  |      |        | X DFA                        | ADDITIONAL 120V/60/1PH CONTROL CIRCUIT REQUIRED |
| 3.5                           | 1   | MIXER, FLOOR                             | 115     | 1     | 9.5  | X    | 5-15P  |                              | 12                                              |
| 4.1                           | 1   | FREEZER, REACH-IN                        | 115     | 1     | 9.6  | X    | 5-15P  |                              | 12                                              |
| 4E                            | 1   | EVAPORATOR COIL, WALK IN COOLER          | 115     | 1     | 0.8  |      |        | X DFA                        |                                                 |
| 4L                            | 1   | LIGHTS, WALK IN COOLER                   | 115     | 1     | 0.8  |      |        | X DFA                        |                                                 |
| 4R                            | 1   | REMOTE CONDENSER, WALK IN COOLER         | 208     | 1     | 11.4 |      |        | X DFA                        | SEE NOTE A                                      |
| 4.3                           | 1   | REFRIGERATOR, AIR CURTAIN TYPE           | 115     | 1     | 9.4  | X    | 5-15P  |                              | 4.5                                             |
| 4.4                           | 1   | REFRIGERATOR, SANDWICH/SALAD PREP        | 115     | 1     | 10.3 | X    | 5-15P  |                              | 12                                              |
| 4.5                           | 1   | REFRIGERATED COUNTER TOP                 | 115     | 1     | 2.0  | X    | 5-15P  |                              | 12                                              |
| 8.3                           | 1   | SLICER, FOOD                             | 115     | 1     | 4.0  | X    | 5-15P  |                              | 42                                              |
| 8.9                           | 1   | WARMER, FOOD, ELECTRIC                   | 120     | 1     | 5.8  | X    | 5-20P  |                              | 2                                               |
| 10                            | 1   | WAREWASHER, UNDERCOUNTER, LOW TEMP       | 115     | 1     | 13.2 |      |        | X                            | 7.5 CONFIRM SPECS WITH PROVIDER                 |
| 13.19                         | 1   | ESPRESSO / CAPPUCCINO MACHINE            | 220     | 1     | 22.0 | X    | L6-30P |                              | 42 CONFIRM SPECS WITH PROVIDER                  |
| 13.20                         | 1   | ICE MAKER, UNDERCOUNTER W/BIN            | 115     | 1     | 5.5  | X    | 5-15P  |                              | 12                                              |
| 13.29                         | 1   | GLASS DISPLAY MERCHANDISER, REFRIGERATED | 115     | 1     | 5.4  | X    | 5-15P  |                              | 12                                              |
| 14                            | 1   | REFRIGERATOR, UNDERCOUNTER               | 115     | 1     | 2.0  | X    | 5-15P  |                              | 12                                              |
| 18                            | 1   | TEA BREWER                               | 115     | 1     | 20.0 | X    | 5-20P  |                              | 42 CONFIRM SPECS WITH PROVIDER                  |
| 25                            | 1   | DOUGH ROLLER                             | 115     | 1     | 8.8  | X    | 5-15P  |                              | 12                                              |
| 26                            | 1   | SLICER, BREAD                            | 115     | 1     | 6.2  | X    | 5-15P  |                              | 33                                              |
| 27                            | 1   | MIXER, FLOOR                             | 200     | 3     | 12.0 |      |        |                              | 56                                              |
| EF1                           | 1   | EXHAUST FAN, OVEN (ITEM 1.1)             | 115     | 1     | 20.0 |      |        |                              | SEE NOTE B. LOCATION TBD BY ARCHITECT           |
| EF2                           | 1   | EXHAUST FAN, OVEN (ITEM 1.4)             | 115     | 1     | 20.0 |      |        |                              | SEE NOTE C. LOCATION TBD BY ARCHITECT           |

ⓘ EXHAUST DUCT CONNECTION

| ELECTRICAL LEGEND |                                   |               |                                               |
|-------------------|-----------------------------------|---------------|-----------------------------------------------|
| SYMBOLS           |                                   | ABBREVIATIONS |                                               |
|                   | JUNCTION BOX (J-BOX)              | A             | AMPERES                                       |
|                   | DATA LINE CONNECTION              | V             | VOLTS                                         |
|                   | DUPLEX ELECTRICAL OUTLET (DCO)    | W             | WATTS                                         |
|                   | QUADPLEX ELECTRICAL OUTLET (DCO)  | PH            | PHASE                                         |
|                   | SINGLE ELECTRICAL OUTLET (SCO)    | AFF           | ABOVE FINISHED FLOOR                          |
|                   | EQUIPMENT INTERCONNECTION BY E.C. | DFA           | DOWN FROM ABOVE                               |
|                   | FLUORESCENT LIGHT FIXTURE         | BTC           | BRANCH TO CONNECTION POINT AND CONNECT EQUIP. |
|                   | SWITCH AS NOTED                   | HP            | HORSE POWER                                   |
|                   |                                   | KW            | KILOWATTS                                     |
|                   |                                   | DC            | DIRECT CONNECTION                             |
|                   |                                   | K.E.C.        | KITCHEN EQUIPMENT CONTRACTOR                  |
|                   |                                   | E.C.          | ELECTRICAL CONTRACTOR                         |
|                   |                                   | C.O.          | CONVENIENCE OUTLET 120 VOLT 1 PH 20.0A        |

NOTE A: LOCATION OF REMOTE COMPRESSORS LISTED IN SCHEDULE TO BE COORDINATED BETWEEN THE ARCHITECT, GC AND ELECTRICIAN.  
O.C. ELECTRICIAN TO SUPPLY PITCH CURBS, ROOF PENETRATIONS & SLEEVES (WALL & FLOOR PENETRATIONS) FOR ALL PENETRATIONS NECESSARY TO RUN REFRIGERANT LINES FROM REMOTE COMPRESSOR TO EVAPORATOR OR HEAD UNIT. ELECTRICIAN TO PROVIDE & INSTALL ALL NECESSARY WIRING & ACCESSORIES TO CONNECT COOLER/FREEZER LIGHTS, EVAPORATORS AND CONDENSERS.  
NOTE B: DUCT VENT TO BE 8" DIA. 1000 CFM REQUIRED AT DUCT COLLAR. SUPPLY AIR TO BE CALCULATED BY MECHANICAL ENGINEER. EXHAUST FAN TO BE WIRED TO OVEN CONTACTORS.  
NOTE C: DUCT VENT TO BE 8" DIA. MINIMUM 880 CFM REQUIRED WITH 0.6 W.C. STATIC PRESSURE DROP THROUGH HOOD. OVEN PROVIDED RELAY WITH MAXIMUM 10.0 AMP H-L-P @ 120V FOR FAN OPERATION. SUPPLY AIR TO BE CALCULATED BY MECHANICAL ENGINEER.

#### NOT FOR CONSTRUCTION

THIS DRAWING IS RELEASED FOR PRELIMINARY REVIEW ONLY. THIS DRAWING IS NOT TO BE USED FOR DESIGN OR CONSTRUCTION PURPOSES PENDING OWNER, ARCHITECT AND/OR CONSULTANT'S FINAL APPROVAL OF EQUIPMENT AND DESIGN.

PROJECT MANAGER:  
ISSUE DATE:

PROJECT:  
☐ APPROVED  
☐ APPROVED AS NOTED  
☐ REVISE AND RESUBMIT

SIGNATURE:  
TITLE:  
DATE:

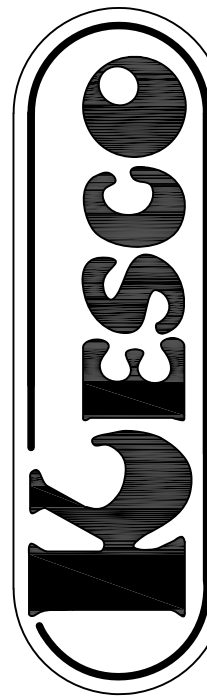
ISSUED FOR:  
FOOD SERVICE LAYOUT  
DATE: 02.07.25

SHEET TITLE:  
ELECTRICAL ROUGH IN CONNECTION

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DATE: 05.07.25  
SCALE: 1/4"=1'-0"  
DRAWN BY: DJT  
CHECKED BY:  
JOB NO.:

SHEET NO.:  
GH4



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