

# CONSTRUCTION BULLETIN



C.B. #

01

Issued By: Julia Hoban, Red Architecture

Project: Palm Bay – Store 5338 – CMG1197

Issued on: 01/28/2024 Regarding Construction Documents dated: 01/24/2025

Issued to:

- DM: John Myers – Chipotle Mexican Grill**
- CM: Kyle Struble – Chipotle Mexican Grill**
- DC: Heather Conley – Chipotle Mexican Grill**
- GC: Marc Worley – Duffey Construction**

## NOTICE

The following list of items represent revisions and/or corrections to the Construction Documents bearing the date listed above. If the Contractor feels that any item causes a change to the requirements of the Contract Documents, the Contractor shall immediately give written notice to the Owner and Architect.

|                                                                                                   |            |   |                                |
|---------------------------------------------------------------------------------------------------|------------|---|--------------------------------|
| #1                                                                                                | Revision   | X | Per Direction of: <i>Owner</i> |
|                                                                                                   | Correction |   |                                |
| <i>Additional outlet added at prep sink per DB06.</i>                                             |            |   |                                |
| <i>Roof structure and rooftop equipment have been adjusted slightly to match shell structure.</i> |            |   |                                |
| <i>The following sheets were updated and have been clouded as Rev. 2: A140, A702, E110, E600</i>  |            |   |                                |

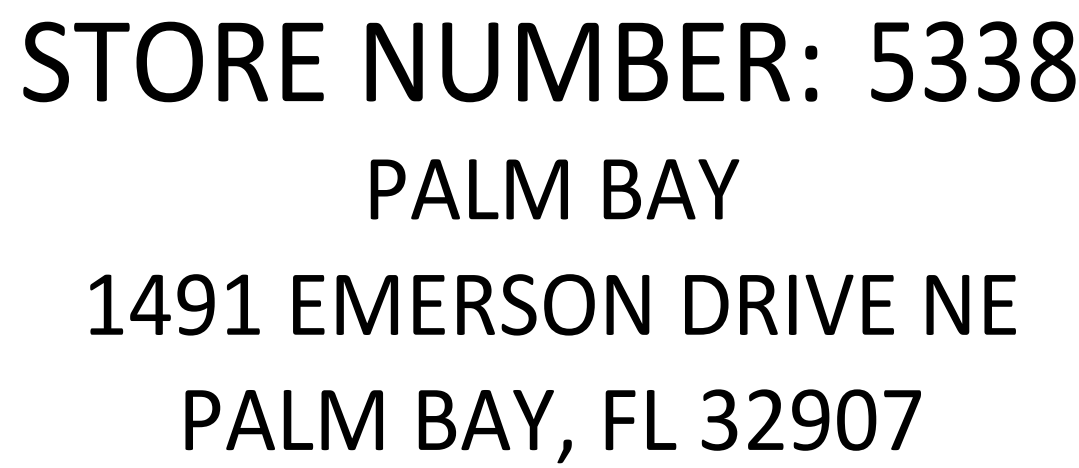
| REGULATORY AGENCIES & UTILITIES       |                                                                                                                                                                                                                                          |                                       |                                                                                                                                                                              |                                     |                                                                                                                                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>ZONING</u><br><u>DEPARTMENT:</u>   | CITY OF PALM BEACH<br>GROWTH MANAGEMENT DEPT.<br>LAND DEVELOPMENT DIVISION<br>120 MALABAR RD SE<br>PALM BEACH, FL 32907<br>CONTACT: KIMBERLY HAIGLER<br>E: Kimberly.Haigler@palmbayflorida.org<br>T: (321) 733-3042<br>F: (321) 953-8920 | <u>BUILDING</u><br><u>DEPARTMENT:</u> | CITY OF PALM BEACH BUILDING DEPT.<br>190 MALABAR RD SW, SUITE 105<br>PALM BEACH, FL 32907<br>CONTACT: KIMBERLY MEADE<br>E: Kimberly.Meade@palmbayfl.com<br>T: (321) 953-8924 | <u>HEALTH</u><br><u>DEPARTMENT:</u> | FLORIDA DEPARTMENT OF BUSINESS<br>AND PROFESSIONAL REGULATION<br>DIVISION OF HOTELS & RESTAURANTS<br>400 WEST ROBINSON ST, SUITE 802<br>ORLANDO, FL 32801<br>E: dhr.planreview@dbpr.state.fl.us<br>T: (850) 487-1395 |
| <u>FIRE</u><br><u>DEPARTMENT:</u>     | PDCS, LLC.<br>3363 ROUSE RD, SUITE 210<br>ORLANDO, FL 32817<br>CONTACT: BRIAN DOLAN<br>E: BDolan@pdcsllc.com<br>T: (407) 277-9795<br>F: (407) 277-6863                                                                                   | <u>WATER</u><br><u>UTILITY:</u>       | PALM BEACH WATER & SEWER<br>120 MALABAR RD<br>PALM BEACH, FL 32907<br>CONTACT: TIM ROBERTS<br>E: tim.roberts@palmbayflorida.org<br>T: (321) 952-3420                         | <u>SEWER</u><br><u>UTILITY:</u>     | PALM BEACH WATER & SEWER<br>120 MALABAR RD<br>PALM BEACH, FL 32907<br>CONTACT: TIM ROBERTS<br>E: tim.roberts@palmbayflorida.org<br>T: (321) 952-3420                                                                 |
| <u>NATURAL</u><br><u>GAS UTILITY:</u> | FLORIDA CITY GAS<br>4045 NW 97TH AVE<br>DORAL, FL 33178<br>CONTACT: TIM KNUTSON<br>E: tknutson@chp.com<br>T: (800) 993-7546                                                                                                              | <u>ELECTRICAL</u><br><u>UTILITY:</u>  | FLORIDA POWER & LIGHT<br>FPL GENERAL MAIL FACILITY<br>MIAMI, FL 33188<br>T: (561) 742-2000 (CONSTRUCTION SERVICES)<br>T: (866) 290-8340                                      | <u>TELEPHONE</u><br><u>UTILITY:</u> | TBD                                                                                                                                                                                                                  |

|                                                             |                                                                                                                                                                           |                                 |                                                                                                                                                                             |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <h1>PROJECT INFORMATION</h1>                                |                                                                                                                                                                           |                                 |                                                                                                                                                                             |
| <u>LANDLORD:</u>                                            | THE FERBER COMPANY<br>151 SAWGRASS CORNERS DR<br>SUITE 202<br>PONTE VEDRA BEACH, FL 32082<br>CONTACT: MICHAEL FRALEY<br>E: mfraley@ferbercompany.com<br>T: (904) 285-7600 | <u>TENANT:</u>                  | CHIPOTLE MEXICAN GRILL<br>PO BOX 182566<br>COLUMBUS, OH 43218-2566<br>CONTACT: HEATHER CONLEY<br>E: heather.conley@chipotle.com<br>T: (380) 222-7248                        |
|                                                             |                                                                                                                                                                           | <u>ARCHITECT:</u>               | RED ARCHITECTURE<br>589 W NATIONWIDE BLVD, SUITE B<br>COLUMBUS, OH 43215<br>CONTACT: JULIA HOBAN<br>E: jhoban@redarchitecture.com<br>T: (614) 487-8770<br>F: (614) 487-8777 |
| <u>MECHANICAL<br/>ELECTRICAL<br/>PLUMBING<br/>ENGINEER:</u> | NATIONAL ENGINEERING<br>4635 TRUEMAN BLVD, #250<br>HILLIARD, OH 43026<br>CONTACT: ANDREW JANOSIK<br>E: ajanosik@nationalengineering.com<br>T: (614) 751-9610              | <u>STRUCTURAL<br/>ENGINEER:</u> | JEZERINAC GEERS & ASSOCIATES<br>5640 FRANTZ ROAD<br>DUBLIN, OH 43017<br>CONTACT: ANDY HEIGLEY<br>E: aheigley@jgaeng.com<br>T: (614) 766-0066<br>F: (614) 481-1223           |

| UTILITY COORDINATOR                                                                                                                                                                     |                                                                                                                                                        | SIGN VENDOR                                                                                                                       |                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>NOTE TO GC:</b><br>FOR ALL WATER,<br>SEWER, NATURAL<br>GAS, & ELECTRICITY<br>UTILITIES CONTACT: | HDGROUP, INC.<br>295 LUNA LN.<br>ERIC, CO 80516<br>CONTACT: MELISSA BALCERAK<br>E: MBALCERAK@HDSGROUPINC.COM<br>T: (972) 396-8409<br>F: (214) 291-5597 | ADCON<br>3725 CANAL DRIVE<br>FORT COLLINS, CO 80524<br>CONTACT: JULIA BARRETT<br>E: jbarrett@adcon-signs.com<br>T: (970) 472-2122 | <br><br> |

| GRAPHIC SYMBOLS |                                 |                      |                                      |
|-----------------|---------------------------------|----------------------|--------------------------------------|
|                 | EXTERIOR<br>ELEVATION<br>MARKER |                      | COLUMN<br>GRID<br>LABEL              |
|                 | INTERIOR<br>ELEVATION<br>MARKER | <b>Room name</b><br> | ROOM<br>NAME<br>& NUMBER             |
|                 | SECTION<br>MARKER               |                      | REVISION<br>NUMBER                   |
|                 | SECTION / DETAIL                |                      | DOOR<br>NUMBER                       |
|                 | VIEW LABEL                      |                      | MISCELLANEOUS<br>EQUIPMENT<br>NUMBER |
|                 |                                 |                      | KITCHEN EQUIPMENT<br>NUMBER          |
|                 |                                 |                      | WASHROOM<br>ACCESSORIES NUMBER       |
|                 |                                 |                      | WALL TAG                             |
|                 |                                 |                      | LEVEL TARGET                         |
|                 |                                 |                      | NORTH ARROW                          |
|                 |                                 |                      | DIMENSION<br>TARGET                  |
|                 |                                 |                      | FINISH TAG                           |

|       |                             |        |                                  |      |                                              |        |                                  |
|-------|-----------------------------|--------|----------------------------------|------|----------------------------------------------|--------|----------------------------------|
| CL    | CENTER LINE                 | FRP    | FIBERGLASS REINFORCED PANEL      | OC   | ON CENTER                                    | TL5    | TENANT'S LIGHT/LAMP SUPPLIER     |
| (E)   | EXISTING CONSTRUCTION       | FRT    | FIRE RETARDANT-TREATED           | OSB  | ORIENTED STRAND BOARD                        | TMB    | TENANT'S MENU BOARD SUPPLIER     |
| (N)   | NEW CONSTRUCTION            | GA     | GAUGE                            | POS  | POINT OF SALE PREPARATION                    | TMS    | TENANT'S MILLWORK SUPPLIER       |
| @     | AT                          | GALV   | GALVANIZED                       | PREP | PVC                                          | TP     | TENANT'S PHONE SUPPLIER          |
| Ø     | DIAMETER OR ROUND           | GC     | GENERAL CONTRACTOR               | PVC  | POLYVINYL CHLORIDE                           | TPS    | TENANT PANELBOARD SUPPLIER       |
| GY    |                             | GYP    | GYPSUM                           | QT   | QUARRY TILE                                  | TRS    | TENANT'S RAILING SUPPLIER        |
| AFF   | ABOVE FINISH FLOOR          | HES    | TENANT'S HVAC EQUIPMENT SUPPLIER | R    | RADIUS                                       | TS     | TENANT'S SAFE SUPPLIER           |
| ALUM  | ALUMINUM                    | HS     | HOOD SUPPLIER                    | RTU  | ROOF TOP UNITS                               | TSS    | TENANT'S SMART SAFE SUPPLIER     |
| ARCH  | ARCHITECT(URAL)             | HVAC   | HEATING AND VENTILATING          | SIM  | SIMILAR                                      | TSV    | TENANT'S SIGN VENDOR             |
| ASS   | ALARM SYSTEM SUPPLIER       | ICP    | INITIAL COST PROJECTION          | SP5  | SODA POP SUPPLIER                            | TUV    | TENANT'S UV SUPPLIER             |
| BD    | BOARD                       | IFP    | IN FOR PERMIT                    | SS   | SUPPORT SIGNAGE                              | TYP    | TYPICAL                          |
| BLDG  | BUILDING                    | INT    | INTERIOR                         | STR  | STRUCTURE                                    | U.N.O. | UNLESS NOTED OTHERWISE           |
| CMU   | CONCRETE MASONRY UNIT       | KES    | KITCHEN EQUIPMENT SUPPLIER       | T    | TENANT                                       | UPS    | UNINTERRUPTED POWER SUPPLY       |
| CO2   | CO2 SUPPLIER                | MAX    | MAXIMUM                          | TAB  | TENANT'S TEST & BALANCE VENDOR               | VAR    | VARIES                           |
| CO2AS | CO2 ALARM SUPPLIER          | MECH   | MECHANICAL                       | TBD  | TO BE DETERMINED, SEE FIELD REFERENCE MANUAL | VIF    | VERIFY IN FIELD                  |
| CS    | CHEMICAL SUPPLIER           | MFR    | MANUFACTURER                     | TCC  | TENANT'S CABLING CONTRACTOR                  | W/     | WITH                             |
| DIM   | DIMENSION(S)                | MIN    | MINIMUM                          | TDC  | TENANT'S DUCT CLEANER                        | WA     | WASHROOM ACCESSORIES             |
| EA    | EACH                        | MISC   | MISCELLANEOUS                    | TEMS | TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER   | WCS    | TENANT'S WALK-IN COOLER SUPPLIER |
| ELEV  | ELEVATION (VERTICAL HEIGHT) | MSS    | MUSIC SYSTEMS SUPPLIER           | THS  | TENANT'S HARDWARE SUPPLIER                   | WH5    | WATER HEATER SUPPLIER            |
| ELEC  | ELECTRIC(AL)                | N.I.C. | NOT IN CONTRACT                  |      |                                              | WS     | TENANT'S WINDOW SHADE SUPPLIER   |
| ELEV  | ELEVATION                   | NO     | NUMBER                           |      |                                              |        |                                  |
| EQ    | EQUAL                       |        |                                  |      |                                              |        |                                  |
| EXT   | EXTERIOR                    |        |                                  |      |                                              |        |                                  |
| FC    | FOR CONSTRUCTION            |        |                                  |      |                                              |        |                                  |



| SCOPE OF WORK                                             |                        |            |
|-----------------------------------------------------------|------------------------|------------|
| TENANT INTERIOR ALTERATION TO AN EXISTING SHELL BUILDING. |                        |            |
| <u>GROUP</u>                                              | <u>TENANT</u>          | <u>USE</u> |
| PROPOSED USE:                                             | CHIPOTLE MEXICAN GRILL | A-2        |

# ASSOCIATED BUILDING PERMIT #'s:

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SHELL/LANDLORD DRAWINGS: BL24-03153

VICINITY MAP

1491 EMERSON DRIVE NE

VICINITY MAP

1  
G000  
N.T.S.

AREA OF WORK

CHIPOTLE

MALABAR ROAD SW

EMERSON DRIVE NE

KEY SITE PLAN

1" = 60'-0"

TRUE PLAN

2  
G000

LANDLORD REQUIRED SUBCONTRACTOR LIST

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NOTE: THE FOLLOWING SUBCONTRACTORS ARE REQUIRED BY THE LANDLORD TO BE USED BY THE TENANT G.C. VERIFY ALL REQUIRED LANDLORD SUB-CONTRACTORS WITH LANDLORD PRIOR TO BIDDING PROJECT.

|                      |     |
|----------------------|-----|
| ROOFING              | TBD |
| <u>SUBCONTRACTOR</u> |     |

| DRAWING INDEX AND REVISIONS |                                   | REVISION |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
|-----------------------------|-----------------------------------|----------|---|---|---|----|---|---|---|---|----|----|----|----|----|----|
| SHEET NO.                   | SHEET NAME                        | 1        | 2 | 3 | 4 | 5  | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| GENERAL                     |                                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G000                        | COVER SHEET                       |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G001                        | PROJECT DATA & LIFE SAFETY PLAN   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G002                        | ACCESSIBILITY REQUIREMENTS        |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G010                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G011                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G012                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G013                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G014                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G015                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G016                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| G017                        | ARCHITECTURAL SPECIFICATIONS      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| SITE PLAN                   |                                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| SP100                       | ARCHITECTURAL SITE PLAN           |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| SP101                       | ARCHITECTURAL SITE DETAILS        |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| ARCHITECTURAL               |                                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A101                        | SLAB WORK PLAN                    |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A110                        | ARCHITECTURAL FLOOR PLAN          |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A120                        | FINISH PLAN                       |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A130                        | FF&E PLAN                         |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A131                        | EQUIPMENT SCHEDULE                |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A132                        | EQUIP. & FURNITURE SCHEDULE       |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A140                        | ARCHITECTURAL ROOF PLAN           |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A201                        | REFLECTED CEILING PLAN            |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A202                        | REFLECTED CEILING & UNISTRUT PLAN |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A210                        | CEILING DETAILS                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A211                        | LIGHTING DETAILS                  |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A301                        | EXTERIOR ELEVATIONS               |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A501                        | ARCHITECTURAL WALL TYPES          |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A502                        | INTERIOR SECTIONS                 |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A601                        | DOOR & HARDWARE SCHEDULE          |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A701                        | ELEVATIONS - INTERIOR DINING      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A702                        | ELEVATIONS - INTERIOR KITCHEN     |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A710                        | RESTROOM DETAILS                  |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A801                        | FINISH DETAILS                    |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A802                        | TILE DETAILS                      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| A900                        | INTERIOR PERSPECTIVES             |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| STRUCTURAL                  |                                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| S100                        | SLAB PLAN                         |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| S110                        | ROOF FRAMING PLAN                 |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| S300                        | FRAMING DETAILS                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| HVAC                        |                                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| M010                        | HVAC SPECIFICATIONS               |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| M100                        | HVAC PLAN                         |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| M600                        | HVAC SCHEDULES                    |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| M700                        | HVAC DETAILS                      |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| PLUMBING                    |                                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| P010                        | PLUMBING SPECIFICATIONS           |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| P100                        | PLUMBING PLAN WATER & GAS         |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| P110                        | PLUMBING PLAN WASTE & VENT        |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| P600                        | PLUMBING SCHEDULES                |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| P700                        | PLUMBING DETAILS                  |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| ELECTRICAL                  |                                   |          |   |   |   |    |   |   |   |   |    |    |    |    |    |    |
| E010                        | ELECTRICAL SPECIFICATIONS         |          |   |   |   | </ |   |   |   |   |    |    |    |    |    |    |

G000

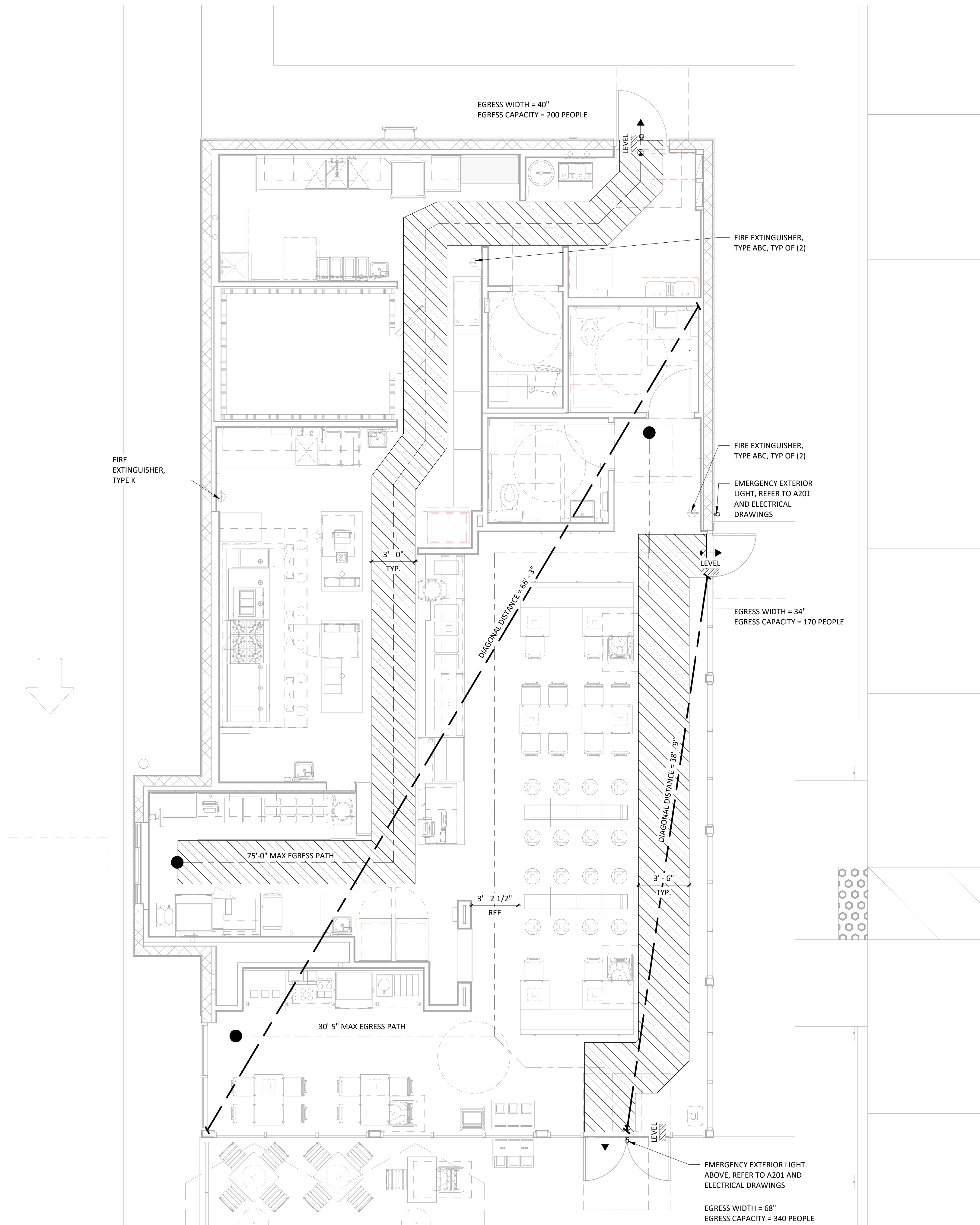
|    |                                 |                       |
|----|---------------------------------|-----------------------|
| 1. | OCCUPANCY GROUP:                | A-2                   |
|    | OCCUPANCY SEPARATION REQUIRED:  | N/A                   |
|    | OCCUPANCY SEPARATION PROVIDED:  | N/A                   |
| 2. | TYPE OF CONSTRUCTION:           | V-B                   |
| 3. | USE GROUP:                      | A-2                   |
|    | ALLOWABLE AREA:                 | 6,000 S.F.            |
|    | AREA INCREASE W/ SPRINKLERS:    | N/A                   |
|    | ACTUAL AREA:                    | 2,495 S.F.            |
|    | TENANT LEASE AREA:              | 2,495 S.F.            |
| 4. | ALLOWABLE NO. OF STORIES:       | 1                     |
|    | ACTUAL NO. OF STORIES:          | 1                     |
|    | ALLOWABLE BUILDING HEIGHT:      | 40'-0" MAXIMUM HEIGHT |
|    | ACTUAL BUILDING HEIGHT:         | 20'-8"                |
| 5. | <u>CALCULATED OCCUPANT LOAD</u> |                       |
|    | DINING ROOM AND CIRCULATION     | 896 SF / 15 SF = 60   |
|    | KITCHEN-COMMERCIAL              | 1054 SF / 200 SF = 6  |
|    | RESTROOMS AND CIRCULATION       | 171 SF / 100 SF = 2   |
|    | TOTAL                           | 2122 SF 68            |

|           |          |
|-----------|----------|
| SEATING:  |          |
| INTERIOR: | 44 SEATS |
| PATIO:    | 22 SEATS |
| TOTAL:    | 66 SEATS |

|                             |        |                     |        |                |        |
|-----------------------------|--------|---------------------|--------|----------------|--------|
| 8. <u>PLUMBING FIXTURES</u> |        |                     |        |                |        |
| <u>WATER CLOSETS</u>        |        | <u>LABORATORIES</u> |        | <u>URINALS</u> |        |
| REQ'D                       | PROV'D | REQ'D               | PROV'D | REQ'D          | PROV'D |
| MEN'S: 1                    | 1      | 1                   | 1      | 0              | 0      |
| WOMEN'S: 1                  | 1      | 1                   | 1      | 0              | 0      |

|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| BUILDING CODE:          | 2023 FLORIDA BUILDING CODE                                             |
| EXISTING BUILDING CODE: | 2023 FLORIDA EXISTING BUILDING CODE                                    |
| MECHANICAL CODE:        | 2023 FLORIDA MECHANICAL CODE                                           |
| PLUMBING CODE:          | 2023 FLORIDA PLUMBING CODE                                             |
| ENERGY CODE:            | 2023 FLORIDA ENERGY CONSERVATION CODE                                  |
| FUEL GAS CODE:          | 2023 FLORIDA FUEL GAS CODE                                             |
| ELECTRICAL CODE:        | 2023 FLORIDA BUILDING CODE , NFPA 70                                   |
| FIRE CODE:              | 2023 FLORIDA FIRE PREVENTION CODE, NFPA 101<br>WITH FLORIDA AMENDMENTS |
| ACCESSIBILITY:          | 2023 FLORIDA ACCESSIBILITY CODE                                        |
| FOOD/RESTAURANT CODE    | 2017 FDA FOOD CODE                                                     |

|                      |                              |
|----------------------|------------------------------|
| OVERALL DISTANCE:    | 66'-3"                       |
| REQUIRED SEPARATION: | 33'-1 1/2" (NON-SPRINKLERED) |
| PROVIDED SEPARATION: | 38'-9"                       |



- ☒ 44" REQUIRED EGRESS CORRIDOR WIDTH FOR OCCUPANCIES 50 AND OVER.
- ☒ 42" REQUIRED EGRESS AISLE WIDTH FOR OCCUPANCIES 50 AND OVER.
- ☒ 36" REQUIRED EGRESS WIDTH FOR OCCUPANCIES UNDER 50.
- ☐ SECT. 1028.9.1(4)
- ☒ NO DEAD END CORRIDORS OVER 20'-0"
- ☐ SECT. 1018.4
- ☒ MAXIMUM EGRESS TRAVEL DISTANCE TO AN EXIT IS 75'-0". MEASURED AS MOST REMOTE POINT ALONG THE NATURAL AND UNOBSTRUCTED PATH OF HORIZONTAL AND VERTICAL TRAVEL TO THE EXIT.
- ☐ TABLE 1014.3
- ☒ DISTANCE BETWEEN TWO POINTS OF EGRESS (MEASURED IN A STRAIGHT LINE BETWEEN THE TWO) SHALL NOT BE LESS THAN 1/2 DIAGONAL OF SPACE BEING SERVED FOR EGRESS PATH.
- ☐ SECT. 1015.2.1
- ☐ IF FULLY SPRINKLERED DISTANCE BETWEEN TWO POINTS OF EGRESS CAN GO DOWN TO 1/3 OF DIAGONAL.
- ☒ MAXIMUM EXIT ACCESS TRAVEL DISTANCE 200' W/OUT SPRINKLER, 250' W/ SPRINKLER.
- ☐ TABLE 1016.2
- ☐ MINIMUM DISTANCE BETWEEN SEATS IS 12" FOR A DISTANCE OF 12'-0" WITH AN ADDITIONAL 1/2" OF WIDTH FOR EACH 1'-0" OR FRACTION THEREOF BEYOND ORIGINAL 12'-0".
- ☐ SECT. 1028.10.1.1
- ☐ EGRESS ALONG SEATING IS MEASURED 19" FROM EDGE OF TABLE WHERE MOVEABLE CHAIRS ARE USED, OR FROM THE EDGE OF A FIXED SEAT.
- ☒ DOORS IN FULLY OPEN POSITION SHALL NOT REDUCE A REQUIRED DIMENSION BY MORE THAN 7 INCHES.
- ☐ SECTION 1008.1.6 LANDINGS SHALL HAVE A LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NOT LESS THAN 44 INCHES.
- ☒ DOORS, WHEN FULLY OPENED SHALL NOT REDUCE THE REQUIRED MEANS OF EGRESS WIDTH BY MORE THAN 7 INCHES. DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN ONE-HALF.
- ☐ SECT. 1005.2
- ☐ SPACE BETWEEN TWO DOORS IN A SERIES SHALL BE 48 INCHES MIN. PLUS WIDTH OF A DOOR SWINGING INTO SPACE.
- ☐ SECT. 1008.1.8

FOR  
CONSTRUCTION



CHIPOTLE MEXICAN GRILL, INC.  
PO BOX 182566  
COLUMBUS, OH 43218-2566  
TELEPHONE: 614.318.2400  
INTERNET: [WWW.CHIPOTLE.COM](http://WWW.CHIPOTLE.COM)

STORE NO.: 5338  
PALM BAY  
1491 EMERSON DRIVE NE  
PALM BAY, FL 32907

[illegible]

## PROJECT DATA & LIFE SAFETY PLAN

G001



DIVISION 1 - GENERAL REQUIREMENTS

SECTION 01100 - SUMMARY

- 1.1 Contract Documents:
- A. Contractor shall use the following Tenant provided documents in the negotiation and execution of the Work. Contact Tenant's office for copies of these documents:
    - 1. Chipotle Instructions to Bidders.
    - 2. Construction Contract for Chipotle Mexican Grill.
  - B. Definitions:
    - 1. The term "Owner" used in these documents refers to the building Owner/Landlord.
    - 2. The term "Tenant" used in these documents refer to the restaurant Tenant, Chipotle Mexican Grill, Inc.
    - 3. The term "Contractor" used in these documents refers to the entity responsible for performing the Work under Construction Contract for Chipotle Mexican Grill.
- 1.2 Scope of Work:
- A. The Work shall include construction of the site and building facilities as shown and specified in these Specifications and Drawings.
  - B. When required and necessary, the Tenant will provide a subsurface exploration report as an attachment the bidding documents.

SECTION 01300 - ADMINISTRATIVE REQUIREMENTS

- 1.1 Coordination:
- A. Immediately inform the Architect of discrepancies between the information indicated in the Contract Documents and existing project conditions, and of discrepancies between information indicated on the architectural, structural, mechanical, plumbing and electrical documents.
  - B. Prior to fabrication and installation of new components, field verify all existing and new dimensions and installation conditions that may affect the Work. Do not scale the drawings to establish locations of items that are not located using dimensions.
    - 1. All dimensions are to rough face of stud or centerline of structure, unless otherwise indicated.
    - 2. Verify that all Subcontractors have reviewed and coordinated locations of their equipment and furnishings exposed to view with the architectural drawings. Review questions with the Architect.
  - C. Coordinate new work indicated on the Contract Documents with new work that may be provided by the Owner and Tenant under separate contracts.
  - D. Coordinate the work of Vendors, Contractors and Subcontractors providing fixtures, furniture and equipment identified as "by Tenant" in these drawings and specifications.
    - 1. Notify the Tenant in timely fashion if any problems develop with the performance of these Vendors, Contractors or Subcontractors.
  - E. Coordinate the scheduling, sequencing, and the work of all trades and Subcontractors to assure efficient and orderly sequences of installation of interdependent construction elements.
  - F. Verify that the utility requirement characteristics of operating equipment are compatible with the building utility services. Coordinate work of the various specification sections having interdependent responsibilities for installing, connecting to, and placing in service such equipment.
  - G. Coordinate the installation and physical space requirements of plumbing, mechanical and electrical work that are indicated diagrammatically on the drawings. Follow routing shown for piping, ducts and conduit as closely as practical. Install runs parallel with and perpendicular to the line of the building. Utilize spaces as efficiently as possible to maximize accessibility for other work installation and for maintenance and for repair.
    - 1. Conceal piping, ducts and conduit within the construction, except as otherwise indicated.
    - 2. Coordinate locations of registers, fixtures and outlets with finish elements.
  - H. Coordinate completion and cleanup work of all trades and Subcontractors in preparation for Substantial Completion.
  - I. To minimize disruption of Tenant's activities after Tenant occupancy of the property, coordinate access to the property with the Tenant's Construction Manager for correction of defective work and work not in accordance with the Contract Documents.
- 1.2 Submittals:
- A. Only when indicated in the specifications or drawings submit shop drawings, product data, and/or samples to the Architect, Design Manager, and Development Analyst for review. All submittals shall be made directly to the Architect by the general contractor. Only submittals for specified products will be accepted unless prior approval has been obtained for a substitution (refer to Section 01630).
- Shop drawings: Submit electronic copies of each sheet of drawings. Shop drawings are original drawings prepared by the subcontractor or vendor for the purpose of conveying information to the Architect and/or Engineer on how a building element or product will be constructed in sufficient detail for the Architect and/or Engineer to determine compliance with the design intent.
- In all cases one copy of the submittal shall be returned to the General Contractor. Electronic submittals for shop drawing or product data in either PDF or DWG format are acceptable for review. All submittals, regardless of format, must bear the General Contractor's stamp indicating the submittal has been reviewed and approved. Any submittal not meeting the requirements set forth will be rejected by the Architect.
- Submittals shall be made with respect to the construction schedule to allow for adequate review time: allow (5) business days for review of submittals for any structural steel, canopies and trusses and allow (3) business days for review of submittals in all other divisions. Review timeline will commence from the time the submittal **with General Contractor's approval stamp** is received by the Architect, Design Manager, and Development Analyst.
- 1.3 Requests For Information
- A. In the event that the general contractor, or a subcontractor, at any tier, determines that some portion of the drawings, specifications, or other contract documents requires a clarification or interpretation by the architect, the general contractor shall submit a Request For Information in writing to the architect in an electronic copy.
- Requests for Information may only be submitted by the general contractor and may only be submitted to the architect. The general contractor shall clearly and concisely set forth the issue for which clarification or interpretation is sought and why a response is needed from the architect or the architect's consultants. In the Request for Information, the general contractor shall set forth an interpretation or understanding of the requirement along with an explanation of why such an understanding was reached.
- B. The architect will review all Requests for Information to determine whether they are Requests for Information within the meaning of this term. If the architect determines that the document is not a request for information, it will be returned to the general contractor, un-reviewed as to content, for re-submittal in the proper form and in the proper manner.
- Responses to Requests for Information shall be issued upon receipt, but no later than five (5) working days of receipt of the Request from the general contractor; unless the architect determines that a longer amount of time is necessary to provide an adequate response. If a longer amount of time is determined necessary by the architect, the architect will, within five (5) working days of receipt of the Request, notify the general contractor of the anticipated response time. If the general contractor submits a Request for Information on an activity with five (5) working days or less of float on the current project schedule the general contractor shall not be entitled to any time extension due to the time it takes the architect to respond to the Request provided that the architect responds within the parameters set forth above.
- C. Responses to Requests for Information from the architect will not change any requirements of the contract documents. In the event that the general contractor believes that a response to a Request For Information will cause a change to the requirements of the contract documents, the general contractor shall immediately give written notice to the architect and the tenant stating that the general contractor considers the response to be a Change Order. Failure to give such written notice immediately shall waive the general contractor's (or any subcontractor's) right to seek additional time or cost under the Administrative Requirements of these contract documents.

SECTION 01400 - QUALITY REQUIREMENTS

- 1.1 Regulatory Requirements:
- A. Perform all work in accordance with applicable local, state, and federal building codes, plumbing codes, mechanical codes, electrical codes, ordinances and rules and regulations governing food service establishments.
  - B. Comply with local, state and federal requirements governing accessibility.
  - C. Obtain all required demolition and erosion control permits required by authorities having jurisdiction.
- 1.2 Quality Control:
- A. Maintain quality control over manufacturers, suppliers, products, services, site conditions and workmanship, to produce work of specified quality.
  - B. Comply with manufacturer's instructions and applicable trade standards.
  - C. Handle, install, connect, clean, condition and adjust products in strict accordance with manufacturer's instructions and complying with specified requirements.
    - 1. Request clarification from the Architect before proceeding, where manufacturer's instructions conflict with the Contract Documents.
  - D. Comply with specified standards as a minimum quality for the Work, except when more stringent tolerances, codes or specified requirements indicate higher standards or more precise workmanship.
  - E. Perform work by persons qualified to produce workmanship of the specified quality. Secure products in place with positive anchorage devices designed, sized and installed to withstand stress, vibration, physical distortion or disfigurement.
  - F. All dimensions shall be considered "hold-to" dimensions unless indicated otherwise (e.g. minimum or maximum dimensions.)
- 1.3 Testing:
- A. Employ and pay for the services of an independent testing laboratory to perform inspections, tests and other services when required.
  - B. Include inspection and tests as indicated in the specification sections, drawings, and as required by authorities having jurisdiction.
    - 1. Test concrete in accordance with Section 03300 and drawing requirements.
    - 2. Test structural steel in accordance with Section 05110 and drawing requirements.

SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS

- 1.1 Provide temporary facilities and controls as shown and specified:
- A. Codes and Standards: Provide temporary construction facilities and controls complying with all applicable local, State and Federal local laws, regulations and codes and utility company requirements.
  - B. Temporary Heating, Ventilating and Cooling:
    - 1. Provide, pay for and maintain all temporary heating, ventilating and cooling equipment and facilities required during the progress of the work to protect materials, finished work, and equipment against damage from low and high temperatures and humidity.
    - 2. Provide temporary heating, ventilating and cooling when the outside temperature and humidity is low/high enough to damage or affect in any way the performance or quality of material and product stored in the building, in any temporary storage area, or any material or product incorporated into the work.
    - 3. Provide temporary heating, ventilating and cooling when the outside temperature and humidity is low/high enough to significantly slow or hamper effectiveness of workers and to provide suitable working conditions.
  - C. Temporary Electrical Lighting and Power:
    - 1. Provide, pay for and maintain all temporary electrical service for lighting and power required during the progress of the work. Include all necessary wiring, fuses, disconnect switches, safety devices, junction boxes, panels, ground fault protections, and transformer if required. Include cost for providing temporary electric generators in the Contract Sum, if temporary electric service is not available for use during progress of the work.
    - 2. Temporary service and lighting and power items and installations shall conform to the requirements of the NFPA National Electric Code and OSHA Occupational Safety and Health Act of 1970.
  - D. Water: Provide, pay for and maintain all temporary water required during the progress of the work. Include all necessary storage tanks, piping, valves, fittings, hose and hose connections during construction and testing.
  - E. Temporary Toilets: Provide, pay for and maintain temporary toilet facilities for use by the Contractor, Contractor's employees and all Subcontractors and Subcontractors' employees. Comply with all local requirements for installation, use and maintenance of temporary toilet facilities.
  - F. Barriers and Enclosures:
    - 1. Provide temporary construction barriers in accordance with project requirements. Exercise all necessary precautions to protect adjacent properties, outside project contact limits, during progress of the work. Take special precautions to avoid damage to existing overhead and underground utilities and services owned or operated by the Owner or by public or private utility companies.
    - 2. Provide temporary weather-tight enclosures at exterior openings to provide acceptable working conditions and protection of materials and to allow for temporary heating, ventilating and cooling.
  - G. Field Office, Telephone and Email:
    - 1. Provide and maintain a temporary field office at the project site during progress of the work. A designated area within the existing building will be available for use as a temporary field office. Verify area size and location with the Tenant.
    - 2. Maintain copies of permits, approved shop drawings, specifications, addenda and record documents at field office.
    - 3. Provide temporary telephone service and internet service with email and photo capabilities to field office throughout progress of the work.
    - 4. Provide weekly photographic documentation of project progression to Tenant.
  - H. Safety and Security
    - 1. Provide and maintain all necessary safety provisions for protection and safety of the project work, workers and general public.
    - 2. Provide and maintain operable fire extinguishing devices in well-marked, accessible locations throughout the project. Provide types, quantities and locations in compliance with governing codes and ordinances.
    - 3. Provide all necessary security barriers and enclosures to protect the work and Tenant's operations from unauthorized entry of persons, vandalism and theft. Provide doors, when required, with self-closing hardware and locks.
  - I. Cleaning
    - 1. During Construction: Provide an approved on-site container for the use of all Contractors and Subcontractors for the collection of waste materials, debris and rubbish. Execute periodic cleaning to keep the work, the site and adjacent properties free from accumulations of waste materials, rubbish and windblown debris, resulting from construction operations. Remove crates and cartons in which materials, equipment, or fixtures are received to on-site containers daily.
      - a. Maintain the property in a clean and orderly condition. Remove waste materials, debris and rubbish from the site on a daily basis and dispose of at legal disposal areas away from the site.
    - 2. Dust Control:
      - a. Remove debris and rubbish from pipe chases, plenums and other similar closed or remote spaces prior to covering or enclosing the space.
      - b. Sweep and vacuum clean interior surfaces before start of surface finishing and painting. Continue cleaning on an as-needed basis until finishing and painting is completed.
      - c. Cleaning operations shall be acceptable to the Tenant's Construction Manager.

SECTION 01630 - SUBSTITUTIONS

- 1.1 General:
- A. Products, including materials, equipment and systems described in the Contract Documents establish the standards of required function, dimension, appearance, quality and performance of the Work. Base all bids on the "Standards" indicated.
  - B. Requests by the Contractor for changes in products, manufacturers, fabricators, suppliers, installers, and methods of construction required by the Contract Documents are considered requests for "substitutions." Substitutions will be considered only under the following conditions:
    - 1. The indicated "Standard" cannot be provided within the Contract Time
    - 2. The indicated "Standard" cannot receive necessary approval by the governing authority.
    - 3. A substantial advantage is offered the Owner, in terms of cost, time, energy conservation or other considerations of merit as determined by the Architect.

- C. Submit each request for substitution to the Architect. Identify the product, manufacturer, fabricator, supplier, installer or the fabrication or installation method to be replaced in each request. Identify related Specification Section and Drawing numbers. Provide documentation as directed by the Architect.
- D. Substitutions will not be considered when indicated on shop drawings or product data submittals without separate written request, when requested directly by subcontractor, manufacturer, fabricator, or supplier, or when acceptance will require substantial revision of the Contract Documents.
- E. Substitute products, manufacturers, fabricators, suppliers, and installers shall not be used for the Project without Tenant and Architect's written acceptance.

SECTION 01700 - EXECUTION REQUIREMENTS

- 1.1 Preparation:
- A. Protection of existing construction: Use all necessary care and appropriate means and methods to protect and prevent damage to existing construction and property not part of the Contract Work. Repair and refinish or replace construction an property damaged during construction work, at Contractor's expense.
- 1.2 Selective Demolition: Provide selective demolition as shown and specified.
- A. Preparation:
    - 1. Coordinate work of this Section with work of various Contractors and Tenant's staff.
    - 2. Maintain protected access at all times.
    - 3. Erect and maintain weatherproof closures at exterior openings.
    - 4. Erect and maintain dust-proof interior partitions to prevent spread of dust or fumes.
    - 5. Erect and maintain barricades, enclosures, bracing, shoring, lights, warning signs and guards necessary for worker and public safety and protection of property.
    - 6. Disconnect, remove and cap designated utility services. Identify and mark locations of disconnected and capped utilities at the project site and on Project Record Documents.
    - 7. Notify and coordinate with the Tenant's Construction Manager and the building Owner for any demolition occurring outside the lease limit.
    - 8. Coordinate hours of operation and construction access with the Tenant's Construction Manager and the building Owner.
  - B. Selective Demolition
    - 1. Remove existing construction to accommodate new construction as indicated.
    - 2. Perform selective demolition in an orderly, systematic and careful manner with least possible disturbance to public and adjacent property. Use of explosives is prohibited.
    - 3. Immediately remove from the site and legally dispose of demolished materials, except as indicated otherwise. Do not burn or bury materials on the project site.
- 1.3 Cleaning
- A. Final Cleaning: Perform final cleaning upon completion of project work.
    - 1. Remove waste and surplus materials, rubbish, tools, equipment and temporary construction facilities from the site.
    - 2. Clean exterior grounds; remove stains, spills and foreign materials from paved areas, power wash and sweep clean. Rake clean landscaped surfaces of the grounds.
    - 3. Remove temporary protection and labels not required to remain.
    - 4. Clean all finished surfaces. Remove grease, mastic, adhesives, dust, dirt, stains, fingerprints, labels and other foreign materials from exposed interior and exterior surfaces.
      - a. Clean all plumbing, fire protection and electrical fixtures and equipment including ceiling area elevated ductwork and lighting fixtures.
      - b. Clean permanent equipment filters and replace temporary disposable filters in mechanical units used during construction.
      - c. Clean ducts, blowers and coils if mechanical units were operated without filters during construction.
    - 5. Clean interior and exterior lighting and mirrors, polish transparent and glossy surfaces and clean floors with appropriate materials and equipment.
    - 6. Remove waste, foreign material and debris from roofs, areaways and drainage systems.
    - 7. Before Tenant occupancy, conduct an inspection, with the Tenant, of exposed interior and exterior surfaces at all work areas, to verify that the entire work is clean.
- 1.4 Starting and Adjusting:
- A. Prior to Substantial Completion, coordinate the start-up, test and balance, placement in operation and adjustment all systems, controls and equipment to verify proper operation. All systems shall be complete and operating prior to final inspection.
- 1.5 Contract Closeout:
- A. Operation and Maintenance Data: Submit one operation and maintenance manual, bound in 8-1/2" x 11" text pages, three D side ring capacity expansion binders with durable plastic covers.
    - 1. Subdivide the binder contents internally with permanent dividers logically organized as described below. Provide tab titles clearly printed under reinforced laminated plastic tabs.
    - 2. Provide a table of contents with each product or system description identified.
    - 3. Provide a directory listing names, addresses, and telephone numbers of the project Architect/Engineer, Contractor, Subcontractors and major equipment suppliers.
    - 4. Prepare operations and maintenance instructions arranged by system and subdivided by specification section. Identify names, addresses, and telephone numbers of project Subcontractors and suppliers. For each category, identify the following:
      - a. Significant design criteria.
      - b. List of equipment.
      - c. Parts list for each component.
      - d. Operating instructions.
      - e. Maintenance instructions for each equipment item and systems.
      - f. Maintenance instructions for special finishes, including recommended cleaning methods and materials and special precautions for identifying detrimental agents.
    - 5. Submit operations and maintenance data to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.
  - B. Record/As Built Documents:
    - 1. Prepare and maintain on site one set of the following record/as built documents:
      - a. Contract Documents.
      - b. Construction Documents.
      - c. Change orders and other modifications to the Contract.
      - d. Shop drawings, product data, and samples.
      - e. Construction schedule.
    - 2. Store record/as built documents separate from documents used for construction.
    - 3. Record actual revisions to the Work, concurrently with construction progress.
    - 4. Legibly mark and record a description of actual products installed at each specification section, including the following:
      - a. Manufacturer's name and product model and number.
      - b. Approved product substitutions or alternates utilized.
      - c. Changes made by addenda, change orders, and other modifications.
    - 5. Legibly mark each item to record actual construction, including the following:
      - a. Measured depths of foundations in relation to finish first main floor datum.
      - b. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
      - c. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the work.
      - d. Field changes of dimension and detail.
      - e. Details not on original Contract Document drawings.
    - 6. Submit record/as built documents to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.

- C. Warranties and Bonds:
  - 1. Compile warranties and bonds required by the Contract Documents.
  - 2. Submit duplicate copies of warranties and bonds to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.
- D. Maintenance Materials and Spare Parts:
  - 1. Provide extra maintenance materials and spare parts in quantities indicated in the specification sections.
  - 2. Place in location as directed by the Tenant's Construction Manager.

DIVISION 2 - SITE CONSTRUCTION

- 1.1 General: Provide site construction work, including services, utilities, earthwork, paving and landscaping in accordance with the site construction work drawings and details.
- 2.1 Materials:
- A. Stencils for pavement markings: Pavement Stencil Comapny, P: (800) 250-5547, stencils@pavementstencil.com

DIVISION 3 - CONCRETE

SECTION 03300 - CAST-IN-PLACE CONCRETE

- 1.1 General: Provide cast-in-place concrete work in accordance with the General Structural Notes, structural drawing and details. Follow shell building documents for specifications, joints and geotech.
- A. Standards: Materials and construction shall conform to the following:
    - 1. ACI 117 "Standard Tolerances for Concrete Construction and Materials."
    - 2. ACI 301 "Structural Concrete for Buildings."
    - 3. ACI 305R "Recommended Practice for Hot Weather Concreting."
    - 4. ACI 306R "Recommended Practice for Cold Weather Concreting."
    - 5. ACI 315 "Details and Detailing of Concrete Reinforcement."
    - 6. ACI 318 "Building Code Requirements for Reinforced Concrete."
  - 2.1 Materials:
    - A. Under Slab Vapor Retarder: Stego Industries LLC, 877-464-7834, internet www.stegoindustries.com high density polyethylene Stego Wrap (10 mil) Vapor Barrier meeting or exceeding ASTM E1745 performance criteria for Class C vapor retarders.
      - 1. Seam Tape: High density polyethylene tape with pressure sensitive adhesive.
      - 2. Pipe boots: Shop or site fabricated from vapor retarder material and seam tape.
    - B. Concrete:
      - 1. Portland Cement: ASTM C150, Type I
      - 2. Aggregate: ASTM C33.
      - 3. Water: Clean and potable.
      - 4. Reinforcement: When required, comply with drawings reinforcement requirements.
      - 5. Compressive Strength: Minimum 3000 psi at 28 days.
      - 6. Admixtures: All admixtures shall be approved by the Tenant's Construction Manager prior to placement in the concrete mix.
    - C. Topping Concrete: When required to suit installation conditions, Ardex Diama-Top of Ardex Engineered Cements (888) 512-7339, internet www.ardex.com
      - 1. ULTRAFLOR ARDEX DIAMA-TOP, self-leveling concrete repair material.
      - 2. Any pinholes that need to be filled shall be filled with ARDEX DIAMA-FILL filling compound for polished concrete, concrete terrazzo and other cementitious wear surfaces applied at the appropriate time during the polishing process.
      - 3. The primer for areas to receive ARDEX DIAMA-TOP will be ARDEX EP 2000 Substrate Preparation Epoxy.
      - 4. Installation shall be performed by factory-trained professional applicators in strict accordance with manufacturer's installation instructions.
  - 3.1 Installation
    - A. Vapor Retarder: Place, protect and repair vapor retarder sheets in accordance with ASTM E1643 and manufacturer's installation instructions.
      - 1. Provide a single layer of vapor retarder material over level compacted slab base.
      - 2. Lap joints and seams 6 inches and seal with seam tape.
      - 3. Seal all penetrations and repair damaged areas before concrete placement.
    - B. Reinforcement Place and inspect all reinforcing steel before concrete is placed.
    - C. Concrete Placement:
      - 1. Place cast-in-place concrete in accordance with ACI 301 and ACI 305R and 306R recommended practices for hot weather and cold weather concreting. Do not place concrete when temperature is below 40 degrees F.
      - 2. Wet cure concrete in accordance with ACI 301, using moist curing or moisture-retaining covers
    - D. Finish: Except where additional floor finish is scheduled, provide a smooth steel trowel finish.
      - 1. Exposed concrete used as a finish floor surface shall have a smooth finished surface, uniform in texture and appearance and free of trowel marks and other defects affecting ease of maintenance.
      - 2. Grind smooth surface defects as directed by the Tenant's Construction Manager.
    - E. Testing: When required, comply with drawings and specification sections testing requirements.
    - F. Topping Concrete: Prepare concrete floor slab substrate surfaces, prime substrate surfaces, mix, install and finish topping concrete in accordance with manufacturer's application instructions.

SECTION 03600 - RESINOUS FLOORING

- 1.1 General: Section includes: Decorative resinous flooring systems.
- 1.2 System Description:
- A. Performance Requirements: Provide resinous flooring that has been manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.
  - B. Alternate Flooring Options as approved by CMG MD: AiFlooring TerraQuartz (color: salt & pepper) -or- AiFlooring TerraSeal (color: medium grey)
- 1.3 Quality Assurance:
- A. Qualifications:
    - 1. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
      - a. Installer shall be an established company with at least 3 years experience in the installation of polymer floors.
      - b. Contractor shall demonstrate the ability to undertake and complete the required work and furnish documentation regarding the successful completion of projects of similar size and complexity.
    - 2. Manufacturer Qualifications: Manufacturer shall be capable of providing technical support, qualified applicators, and approval of application methods.
  - B. Pre-installation Meetings: Conduct a pre-installation meeting to verify flooring system specifications (color, texture, etc.), substrate analysis, and manufacturer's installation instructions.
  - C. Pre-installation Testing: Conduct pre-installation testing as follows:
    - 1. Water Vapor Transmission: Calcium Chloride tests should be conducted to determine the amount of water vapor coming through the slab. The results should be compared to limitations set forth by the manufacturer.
    - 2. Core Sample Testing: (optional) Core samples should be taken and analyzed if the installer believes there to be a problem with the integrity of the substrate that may affect flooring system performance.
- 1.4 Delivery, Storage & Handling:
- A. Ordering: Comply with manufacturer's ordering procedures and allow for enough lead-time for custom blends so as not to interfere with construction schedules.
  - B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
  - C. Storage and Protection: Store materials where they are protected from direct sunlight and harmful weather conditions. Meet manufacturer's condition for temperature, humidity, etc.
- 1.5 Project Conditions:
- A. Environmental Requirements/Conditions: Substrate and ambient air temperatures shall be in accordance with manufacturer's requirements.
  - B. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during and after installation as recommended by manufacturer.

Consultant:

R/A

RedArchitecture

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|------------|------------------|
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ARCHITECTURAL  
SPECIFICATIONS

G010

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**SECTION 07512 - ROOFING SYSTEM REPAIR**

1.1 General: When penetration of the existing roofing system is required to accommodate new construction, perform necessary roofing system repair.

A. Coordination: Before starting work, verify with the Tenant's Construction Manager and the Owner the following:

- Existing roof system materials and installation methods.
- Repair work responsibilities and warranty requirements. To maintain original warranty, where provided use original roof contractor.

B. Qualifications: Repair work shall be performed only by an experienced roofing installer approved or licensed by the existing roofing system materials manufacturer; with not less than five years of successful experience installing and repairing roofing systems similar to this projects existing roofing system.

2.1 Materials:

A. Provide and install only materials approved and recommended by the roofing manufacturer for repairing the existing roofing system.

3.1 Installation:

A. Preparation: Inspect roof surface conditions with roof manufacturer's representative to verify extent and location of any other repairs required to ensure a watertight roofing system upon completion of the repair work.

B. Make necessary repairs. Match existing roof slope, insulation materials and roofing membrane materials, except as otherwise approved by the existing roofing system manufacturer to accommodate new construction and repair work.

C. Install curb flashing furnished by mechanical and electrical trades for new roof top equipment.

**NOT USED**  
THE BELOW INFORMATION IS FOR THE MEMBRANE (PVC) ROOFING

1.1 General: Provide the thermoplastic membrane (PVC) roofing system as shown and specified.

A. Standards: Materials and construction shall conform to following:

- ASTM D5036 "Application of Adhered Poly(Vinyl Chloride) Sheet Roofing."
- FM 1-29 Loss Prevention Data Adhered or Mechanically Attached Single Ply Membrane Roof Systems."
- NRCA "Single-Ply Roofing Membrane."
- UL "790 - Tests for Fire Resistance of Roof Covering Materials."

B. Installer Qualifications: An experienced roofing installer approved by roofing system manufacturer and with not less than five years of successful experience installing membrane roofing systems similar to those required for this project.

C. Deliver, store and handle roof system materials in accordance with manufacturer's recommendations to avoid damage and deterioration.

- Comply with manufacturer's recommendations for handling and protection during installation.

D. Install roofing work only when weather conditions are in compliance with manufacturer's specific environmental requirements and conditions will permit work to be performed in accordance with manufacturer's recommendations and warranty requirements.

- Protect adjacent materials and surfaces from damage and soiling during roofing system installation.
- Provide special protection on completed roofing work.
- Protect paving and structure walls adjacent to hoists before starting work.
- Do not overload the building structure with storage of materials or installation equipment on the substrate decking.

E. Warranty

- Contractor and roof system installer shall jointly warrant roofing materials and installation for a period of two years from the date of Substantial Completion. Warranty shall include roofing membrane, flashing, roof insulation, roofing accessories and sheet metal work provided under Section 07600.
- Manufacturer's warranty: Submit executed copy of roofing system manufacturer's 15 year total system warranty, including labor and materials for the entire roof system. Including perimeter edge metal, Section 07600 Flashing & Sheet Metal

2.1 Materials

A. Manufacturer: Duro-Last Roofing, Inc, (614) 370-5569, Mike Suman, www.duro-last.com

- Basis of Design Product Roofing System
  - Thermoplastic single ply membrane roofing system: DL Membrane (PVC) fully adhered, smooth surface, UL Class A fire-rated single ply membrane roofing system.
  - Thermoplastic fiber reinforced PVC membrane, not less than 40 mils (.040), complying with ASTM D4434 and membrane manufacturer's published physical properties.

B. Comparable Alternate Roof Manufacturers:

- Versico Roofing Systems, (480) 528-6923, Jeff Kelly, jeff.kelly@versico.com
  - VersiFlex PVC Adhered System
- Other comparable alternates can be considered when approved by Arch PM and Chipotle DM/CM.

C. The roof covering design must resist a wind load of 100 mph, Exposure C and shall resist impact damage based on results of tests based on the results of tests conducted in accordance with ASTM D 3746, ASTM D 4272, CGSB 37-GP-52M or FM 4470

- Insulation cover board: Georgia-Pacific Corp. (800) 284-5347, internet www.gp.com, "Dens-Deck" nonstructural fiberglass faced, silicone-treated gypsum core panels, 1/2" thickness
- Roof insulation: Rigid closed cell polyisocyanurate boards approved by the membrane manufacturer; complying with ASTM C1289, Type II, minimum 20 psi compressive strength, aged R-value equal 5.6 per inch of thickness.
  - Provide a double layer installation. Minimum total R-value as indicated on plans.
  - Specified perimeter edge metal shall be compliant with International Building Code ANSI / SPRI ES-1, ER2 testing requirements.
- Flashing: Roof system manufacturer's standard sheet flashing of same material, type, and color as sheet membrane. Specified perimeter edge metal will be compliant with International Building Code ANSI / SPRI ES-1, RE2 testing requirements.
- Membrane Bonding Adhesive: Roof system manufacturer's standard membrane bonding adhesive.
- Insulation and Cover Board Adhesive: Dow Chemical Company, (888) 868-1183, internet www.flexibeproducs.com, "INSTA-STIK Professional Roof Insulation Adhesive", a single component, moisture cured polyurethane adhesive.
- Fasteners: Roof system manufacturer's standard fasteners for project conditions indicated.
- Accessories: Roof system manufacturer's recommended pourable sealers, preformed penetration flashing, preformed corner flashing, seam caulk, termination bars and other accessories required for substrate surfaces and installation conditions indicated.
- Traffic walkways: Duro-Last Roof Track II walkway pads

3.1 Installation

A. Preparation:

- Clean substrate surfaces of debris and other substances detrimental to roofing installation.
- Correct unsatisfactory conditions before starting roofing. Roof deck surface conditions shall comply with manufacturer's requirements and be acceptable to the roofing system installer.

B. Installation:

- General: Provide roofing system materials and installation complying with roofing system manufacturer's instructions and governing codes and regulations.
  - Mix and apply roof insulation and cover board adhesive in strict accordance with the adhesive manufacturer's installation instructions. Dispense adhesive at manufacturer's recommended application rate using approved dispensing equipment.
- Roof insulation.
  - Extend insulation full thickness over entire surface to be insulated. Cut and fit around obstructions; fill all voids with insulation. Provide saddles and tapered edges as required to provide positive proper drainage.
  - Install and secure in place with insulation adhesive, a double layer of insulation units of the required thickness. Run long joints of insulation in continuous straight lines, perpendicular to roof slope, with end joints staggered between rows. Stagger joints of each layer of insulation. Butt edges to moderate contact. Limit joints between adjacent units to maximum 1/4".
- Insulation cover board: Install and secure in place with insulation adhesive a single layer of insulation cover board on installed roof insulation. Secure cover board in accordance with membrane manufacturer's recommendations. Stagger joints with joints of roof insulation.
- Thermoplastic membrane: Comply with membrane manufacturer's instructions and recommendations for handling and installing single ply membrane roofing.
  - Unroll and position roofing sheet membrane without stretching. Align top sheet with pr-marked lines on bottom sheet. Allow membrane to "relax" for at least 30 minutes before adhering, splicing and flashing.
  - Adhere membrane to insulation cover board with bonding adhesive. Broom bonded membrane to achieve maximum contact.
  - Join membrane seams using approved heat welding equipment. Check all splices for voids and repair voids with heat gun and roller.
  - When required, mechanically fasten membrane at roof perimeter, curb flashing and similar penetrations in accordance with manufacturer's installation instructions.

- Flash and make weathertight all equipment curbs, pipes, conduits, drains and other penetrations or projections through sheet roofing using roofing system manufacturer's recommended flashing materials, accessories and procedures.
- Install roof accessories and traffic walkways in accordance with manufacturer's instructions.
- Install sheet metal work furnished under section 07600.

**NOT USED**  
THE BELOW INFORMATION IS FOR THE METAL

General:

A. Standards: Materials and construction shall conform to following:

- SMACNA "Architectural sheet Metal Manual- 1993."
- Installation: Performed under Section 07540 work.

1.1 Pre-manufactured perimeter edge metal and accessories

Manufacturer: Duro-Last Roofing / Exceptional Metals, Inc, (800) 248-0280, Jason Dark, www.Duro-Last.com

A. Duro-Last / Exceptional Metals Snap Coping made of 24-gauge galvalume, cover provided with Kynar architectural finish providing a 35 year finish warranty. Meets ANSI/SPRI ES-1 2003 method RE-2 testing requirements. (Color - Refer to Exterior Elevations)

B. Duro-Last / Exceptional Metals Vinyl backed scupper. Scupper profile & size indicated Fig 1-20.

1.2 General: Miscellaneous sheet metal

A. Standards: Materials and construction shall conform to following:

- SMACNA "Architectural sheet Metal Manual- 1993."
- Installation: Performed under Section 07540 work.

2.1 Materials:

A. Galvanized steel: ASTM A653 commercial quality sheet steel with 0.2% copper, G90 hot-dip galvanized. Gage indicated.

- Scuppers: Minimum 16 gage.
- Coping/Wall caps: Minimum 18 gage.

B. Aluminum sheet: ASTM B209 alloy 3003, temper as required for forming and performance. Thickness indicated.

- Conductor Boxes: Minimum 0.040" thickness.
- Downspouts: Minimum 0.025" thickness.

C. Joint sealers: One-component silicone elastomeric joint sealant complying with ASTM C920. Color matched to sheet metal finish.

D. Metal accessories: Provide sheet metal fasteners, clips, straps, anchoring devices and similar accessory units as required for installation of work, matching or compatible with material installed, non-corrosive, size and gage as required for performance and acceptable to the Architect.

E. Fabrication: Shop fabricate sheet metal work to comply with profiles and sizes indicated and to comply with standard industry standards as shown by SMACNA in the "Architectural Sheet Metal Manual."

- Conductor boxes: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-25.
- Scuppers: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-20.
- Downspouts: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated. Installation Fig. 1-31 with strap hanger Fig. 1-35.
- Formed coping/wall caps: SMACNA Chapter 3 - Copings. Design Fig 3-1. Profile and size indicated with Fig. 3-3 butt joints and concealed back-up plates. Install formed copings with continuous cleat fasteners similar to Fig 3-1 at exposed face and screw fasteners with washers space maximum 24" on center at roof side.

3.1 Installation:

A. Preparation: Coordinate sheet metal work with other work for the correct sequencing of items which make up the entire roof system of weatherproofing and rain drainage.

B. Installation: Comply with SMACNA "Architectural Sheet Metal Manual" recommendations, drawing details and approved shop drawings for installation of the work.

- Anchor sheet metal items securely in place by methods indicated, providing for thermal expansion. Conceal fasteners and expansion provisions whenever possible. Install joint sealants where required.
- Set units true to lines and levels indicated. Install work with sealed laps, joints and seams that will be permanently watertight and weatherproof. Bed flanges of sheet metal work in thick coat of roofing cement or sealant compatible with roofing membrane.
- Separate sheet metal work from dissimilar metals and treated wood materials. Provide rosin-sized paper slipsheet over treated wood.
- Fabricate, support and anchor conductor boxes and downspouts to withstand thermal expansion, stresses and full loading by ice or water without damage, deterioration or leakage.

**NOT USED**  
THE BELOW INFORMATION IS FOR THE PANELS

1.1 General:

A. Standards:

- Furnish all labor, material, tools, equipment and services for all preformed fascia and wall panels as indicated, in accord with provisions of Contract Documents.
- Completely coordinate with work of all other trades.
- Although such work is not specifically indicated, furnish and install all supplementary or miscellaneous items, appurtenances and devices incidental to or necessary for a sound, secure and complete installation.

B. Related work specified elsewhere:

- Structural steel: Section 05100
- Steel joists: Section 05200 or 05400
- Flashing and sheet metal: Section 07600

1.2 Quality Assurance:

A. Applicable standards:

- SMACNA: "Architectural Sheet Metal Manual" Sheet Metal and Air Conditioning Contractors National Association, Inc.
- AISC: "Steel Construction Manual" American Institute of Steel Construction.
- AISI: "Cold Form Steel Design Manual: American Iron and Steel Institute.
- ASTM A792-83-A250: Specifications for steel sheet, aluminum-zinc alloy coated (galvanized) by the hot dip process, general requirements (Galvalume).

B. Manufacturer's qualifications:

- Manufacturer has a minimum of three years experience in manufacturing metal wall systems of this nature. Panels specified in this section shall be produced in a factory environment (not job site roll formed) with fixed base roll forming equipment assuring the highest level of quality control. A letter from the manufacturer certifying compliance will accompany the product material submittals.

1.3 Product Delivery, Storage and Handling

A. Delivery: Deliver metal wall system to job site properly packaged to provide protection against transportation damage.

B. Handling: Exercise extreme care in unloading, storing and erecting metal wall system to prevent bending, warping, twisting and surface damage.

C. Storage: Store all materials and accessories above ground on well skidded platforms. Store under waterproof covering. Provide proper ventilation of metal wall system to prevent condensation build up between each panel or trim/ flashing component.

2.1 Materials

A. Metal wall system profile:

- Shadow Rib: 3 inch deep x 16 inch width with 1 1/2 inch deep x 5 1/4 inch wide fluting

B. Metal wall system style:

- Fluted face
- Concealed fasteners

C. Gauge: 24 gauge

D. Substrate: Per Plans

E. Texture: Smooth

F. Finish: Premium thermoset silicone polyester (20 year warranty)

G. Color: Polar White, to be painted per Exterior Elevations

H. Acceptable Manufacturer: MBCI Houston, Texas (281) 445-8555.

3.1 Surface Conditions

A. Examination:

- Inspect installed work of other trades and verify that such work is complete to a point where this work may continue.
- Verify that installation may be made in accordance with approved shop drawings and manufacturer's instructions.

3.2 Installation

A. Install metal wall system system so that it is weathertight, without waves, warps, buckles, fastening stresses or distortion.

B. Install metal wall system in accordance with manufacturer's instructions and shop drawings.

C. Provide concealed anchors at all panel attachment locations.

D. Install panels plumb, level and straight with seams parallel, conforming to design as indicated.

3.3 Cleaning, Protection

A. Dispose of excess materials and remove debris from site.

B. Clean work in accordance with manufacturer's recommendations.

C. Protect work against damage until final acceptance. Replace or repair to the satisfaction of the architect and work that becomes damaged prior to final acceptance.

D. Touch up minor scratches and abrasions.

3.4 Field Painting

A. Refer to section 09900 on G017

B. Follow manufacturer's technical bulletin for Precoated Signature 200 MBCI wall panels.

**Section 07900 – JOINT SEALERS**

1.1 General: Provide joint sealers as shown and specified.

A. Standards: Comply with ASTM C 920 requirements.

B. Application: Performed by skilled, experienced joint sealer applicators.

2.1 Materials:

A. Poly urethane sealants:

- Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com,
  - "Dymonic FC" One component, fast skinning, Low Modulus Polyurethane.
  - "Dymeric 240 FC" Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.
- Sonneborn, (724) 756-9582, internet www.sonneborn.com
  - Color pack for polyurethane multi component, gun grade chemically curing sealant.

B. Silicone Sealants:

- General Electric Silicones, (800) 295-2392, internet www.gesilicones.com
  - "SCS1700 Sanitary – Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant.
  - "SCS2700 Silpruf Silicone" one component medium modulus, natural cure silicone all purpose sealant.
  - "Silglaze II SCS2800- Glazing Sealant" one component, 100% silicone based sealer.
  - "GE Paintable Silicone" one component paintable silicone.
  - "SCS1009 Silicone Sealant" one-component acetoxy silicone for general purpose sealing and bonding
- Dow Corning Silicones, (989)496-4000, www.dowcorning.com
  - "Dow 795" – one component, medium modulus, natural cure silicone.

C. Firestopping Sealants: 3M Fire Protection Products, (800) 328-1687, internet www.3m.com/firstop

- "3M Fire Barrier CP 25WB+ Caulk" or approved equal

D. Joint backing: Non-absorptive, non-staining compressible, non-gassing, polyethylene foam backer rod compatible with joint sealants.

3.1 Installation:

A. Preparation: Clean and prepare joints prior to installing sealers:

- Wipe shipping oils from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than ¼" in width.

B. Installation: Install joint sealant materials in strict accordance with manufacturer's installation instructions.

- Apply sealants in a uniform, continuous bead without gaps or air pockets. Hand tool and finish all joints so that a smooth, small, lip free uniform line is created along the substrate being shot. Remove any excess materials from tooled edges and ends of joint.
- Install joint sealants to a depth no more than ½ the width of the joint.
- Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability.
- Immediately, after sealant application, and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.
- Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.

4.1 Sealant Schedule:

A. Kitchen Area:

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:

- Ceiling grid to FRP wall panels
- Base of FRP wall panels to T.O. specified base material.
- Walk in cooler walls to FRP wall panels.
- Stainless closure pieces at cooler walls to FRP wall panels.
- FRP/stainless corner guards to FRP wall panels.
- Ceiling tile pipe penetrations.
- Wall pipe penetrations and/or escutcheons perimeters. (water & gas lines).
- Mop sink stainless surround perimeter to walls.
- FRP closure panel, at top of cooler, to cooler walls.
- FRP wall panels to hollow metal door frames.
- Coke line bundle to PVC cap.
- FRP inside corner pieces to FRP wall panels. Both sides of corner piece.
- Battery backup cover panel to FRP.
- Faucet's to FRP wall panels.
- FRP wall panels to quarry tile cove base.
- FRP to aluminum plate at walk thru.
- Menu board light bracket to ceiling.
- Mop sink base at quarry tile.
- All sinks (multi-compartment, hand, mop and prep) to FRP/tile walls.
- Paper towel dispensers & soap dispensers to FRP/tile walls.

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:

- Stainless closer pieces, at sides of cooler walls - to cooler walls.
- Stainless or aluminum plate closure pieces to diamond plate at cooler walls.
- Diamond plate panel seam joints.
- Diamond plate perimeter to cooler walls.
- Base of diamond plate to quarry tile cove base.
- Stainless closure panel, at top of cooler walls, to cooler walls.
- Top of quarry tile cove base to cooler walls at inside of cooler.
- Cooler wall/diamond plate penetrations.
- Cooler door hinges and handles to diamond plate. DO NOT caulk door locking unit.
- Stainless wrap at hollow metal door frame.
- Stainless mop surround to stainless corners on mop sink.
- Base of stainless corner pieces to schlutter strip at base.
- Exit door threshold perimeters. To frame and floor, interior and exterior.

- Provide a continuous bead of dark gray GE SCS2000 silicone at the following locations:

- Base of hollow metal door jambs to quarry tile floor.

B. Managers Office:

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:

- Ceiling grid to FRP wall panels.
- Perimeter of manager's desk to FRP wall panels.
- Hollow metal door frame to FRP wall panels.
- Top and ends of coat hanger bracket to FRP walls.
- Base of FRP wall panels to quarry tile base.
- Ceiling tile wire/pipe penetrations.
- FRP inside corners to FRP wall panels. Both sides of corner piece.
- Base of FRP wall panels to quarry tile.

- Provide a continuous bead of black or light bronze (use color of safe) GE SCS2000 silicone at the following locations:

- Base of safe to floor.

C. Cooking Area:

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:

- Top of wall tile to sheetrock ceiling.
- Ceiling diffusers perimeters to sheetrock ceiling.
- Ceiling pipe penetrations.
- Wall tile to aluminum walk thru surround.
- Tile wall penetrations/escutcheons perimeters.
- FRP wall panels to sheetrock ceilings.
- FRP wall panels to aluminum end wall plates.
- FRP inside corners to FRP wall panels. Both sides of corner piece.
- Sink to white wall tile.
- Paper towel dispenser/soap dispenser to white tile.
- POS/Serving counter to wall tile.
- Stainless shelf behind grill to wall tile.
- Faucets to ceramic wall tile.

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:

- Joint between hood and closure skirt.
- Joint between hood support and hood. Both sides.
- Connection joint between stainless shelf behind grill.
- Hood to tile walls & sheetrock ceiling.
- Hood gusset to wall tile on both sides.
- Sink to bronze wall tile.
- Paper towel dispenser/soap dispenser to bronze tile.
- DML counter to bronze tile.

- Provide a continuous bead of dark gray GE SCS2000 at the following locations:

- Base of equipment to concrete curbs/quarry tile.

- Provide a continuous bead of bronze GE SCS2097 at the following locations:

- Ceramic tile inside corners.
- Ceramic tile to aluminum end wall plates.

D. Restrooms:

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:

- Top of FRP to sheetrock ceiling or top of FRP trim to sheetrock wall.
- Perimeter of toilets/urinals to floor or FRP.
- Perimeter of mirror to FRP.
- Sink to wall.
- Perimeter of paper towel/garbage unit to wall.
- Toilet paper/napkin disposals units to walls.
- Stainless shelf to wall.
- Wall penetrations under sink and or escutcheons to perimeters.
- Hollow metal door frames to FRP.
- Base of FRP wall panels to top of wall base.
- FRP inside corners to FRP wall panels.

- Provide a continuous bead of black GE SCS2000 silicone at the following locations:

- Base of black rubber wall base to floor.

- Provide a continuous bead of dark gray GE SCS2000 silicone at the following locations:

- Base of hollow metal door frames to floor.

E. Dining area:

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:

- Wall tile to sheetrock walls.
- Perimeter of aluminum storefront/windows/entrances to sheetrock walls.
- Wainscot wall panels (Stonewood or other) to painted walls.
- Diffuser/lowers perimeters to sheetrock walls.
- Hollow metal door frames to painted walls - if needed.
- Frame of service line counter to tile (joint to be caulked behind front face panels of counter).
- Wall tile at serving line wall to POS counter.

- Provide a continuous bead of black GE SCS2000 silicone at the following locations:

- Base of black rubber to floor (concrete or quarry tile) and gyp. bd. wall.
- Wainscot (Stonewood or other) wall panels to sill of aluminum storefront/ windows.
- Vertical joints of wainscot (Stonewood or other) wall panels to frames/painted walls/tile (ONLY if joint is uneven plywood is showing).
- Stonewood panels at serve line.

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:

- Base of garbage surround to floor.

- Provide a continuous bead of Dow 795 silicone at the following locations:

- Sill of aluminum storefronts to concrete or tile floor. Color to be determined per store to match storefront (Charcoal/Anodized Aluminum/Dark Bronze).

F. Utensil Counter:

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:

- Stainless countertop to backsplash. Horizontal & vertical joints.
- Base of Coke machine to countertop.
- Perimeter of tea drain tray to countertop.
- Stainless backsplash to white tile walls/painted walls.

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:

- Coke line bundle to PVC cap.

G. Fire Rated Walls:

- Provide a continuous bead of 3M 25WB+ at the following locations:

- Wall/ceiling penetrations in rated walls.

H. Exterior Joints:

- Provide a continuous bead of Tremco Dymeric limestone urethane sealant at the following locations:

- Sidewalk/concrete expansion joints.

- Provide a continuous bead of Dow 795 silicone or Tremco Dymeric 240 FC at the following locations:

- Hollow metal door frames.
- EIFS to abutting services.
- Penetrations in EIFS.
- Face brick or block control joints.
- Perimeter of Aluminum Storefronts.

\*Colors to be determined per store to match adjacent material colors. Verify with Chipotle Construction Manager and Architect.

- For "Fog" EIFS use Tremco - "Natural White"

- For "Knight's Armor" EIFS use Sonneborn - "Charcoal Gray" #276-U

- For white brick use Tremco - "China White"

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following location:

- CO2 fill port stainless box.
- Faucet for hose. (Please note: color to be determined per store. Verify with Chipotle Construction Manager and Architect).



2.2 In-Line Side Sliding Automatic Window and Air Curtain

- A. Standard Custom Side Sliding Windows – Arch PM to verify manufacturer with Tenant.

- Quikserv Custom Automatic Side Sliding Window (Model: SST-4035E-CHIPOTLE): 45 -1/2"W x 41-3/4"H window with 17-3/4" tall transom and (2) sidelights at 29 1/4"W x 41-3/4"H; Complete Unit Size 104"W x 59-1/2"H
1. Service Opening: 19"W x 29-3/4"H  
2. Finish: Dark Bronze Anodized  
3. Glass: 1" Clear Tempered unit + Low E (Solarban 60e) for fixed and moving panel, sidelights and transom
4. 'CHIPOTLE' package includes pre-wired air curtain with relay to sync operation with window.  
a. Arch PM to verify if heated or ambient air curtain is required per Tenant assignment. Air Curtain mounts to transom.  
i. Heated Air Curtain: Model: QSV1025EJ-040-BK  
ii. Ambient Air Curtain: Model: QSK1025AA-BK
5. Refer to interior elevations (A700s) for direction of opening for ordering.

- ReadyAccess Automatic Side Sliding Window: 47 -1/2"W x 43-1/2"H window with 16" tall transom and (2) sidelights at 28 1/4"W x 59-1/2"H; Complete Unit Size 104"W x 59-1/2"H
1. Service Opening: 19"W x 35"H  
2. Finish: Dark Bronze Anodized  
3. Glass: 3/4" Clear Tempered unit + Low E (Solarban 70XL) for fixed & moving panel, sidelights and transom
4. Arch PM to verify if heated or ambient air curtain is required per Tenant assignment.  
a. Heated Air Curtain: Model: AA300 (replaces transom)  
b. Ambient Air Curtain: Model: AA100 (split transom)
5. Refer to exterior elevations (A300s) for direction of opening for ordering.

- B. Alternate California Code Option

1. ReadyAccess: Window 47-1/2" W x 35-3/4"H with double-split transom for air curtain and 10" and (2) sidelights at 28-1/4"W x 59-1/2"H; Complete Unit Size 104"W x 59-1/2"H  
a. Service Opening:15-1/4"W x 28"H, limited to meet CA code.  
b. Ambient Air Curtain, AA100, and relay switch kit included with the West Coast Window package.

2. Quikserv Model: SS-4035-E-CHIPOTLE-CALI, same as above except as noted.  
a. Service Opening: 28"W x 15-3/8"H, limited to meet CA code.  
b. 'CHIPOTLE' package includes pre-wired ambient air curtain with relay to sync operation with window Model: QSK1025AA-BK. Air curtain mounts to transom.

- C. Alternate Impact-Resistant and Florida Product Approved Option, Miami Dade Horizontal Bi-Parting Impact Slider

1. Quikserv Model: BP-7241E-IP-CHIPOTLE, Complete Unit Size: 72"W x 41"H.  
a. Service Opening: 29-1/2"W x 27"H  
b. Rough Opening: 72-1/2"W x 41-1/2"H  
c. Glass: Impact Resistant Glass  
d. 'CHIPOTLE' package includes ambient air curtain  
i. Ambient Air Curtain: Model: QSK1025AA-BK, Part Number: 9345.  
ii. Do not mount directly to window, mount on wall above.  
e. Miami-Dade NOA #18-0814.02

2.3 Electrical Requirements

- A. Quikserv Electrical Windows: 120V / 60 Hz, 20-amp branch circuit, single phase. Power supplied through base of window. Conforms to UL Standard 325 – Certified to CAN/CSA C22.2 NO. 247. Confirm with Electrical Drawings.

1. Heated Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE)  
a. Separate 230V circuit and Power Supply required for heated air curtain. Air curtain pre-wired through window frame with power supply routed to base of window. Confirm with Electrical Drawings.
2. Ambient Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE) and Alternate California Code Option: Model: SS-4035-E-CHIPOTLE-CALI  
a. Separate circuit not required. Window pre-wired to power and sync operation with air curtain.
3. Ambient Air Curtain for Alternate Impact-Resistant and Florida Product Approved Option (Model: BP-7241E-IP-CHIPOTLE):  
a. Connect to main control board on window to power and synchronize operation with opening and closing of window.

- B. ReadyAccess Electrical Windows: 115V / 60 Hz, 15-amp dedicated circuit required. Run power to header on fixed panel side.

1. AA300 Heated Air Curtain  
a. Separate 208V /60 Hz /40-amp single phase circuit required.
2. AA100 Ambient Air Curtain (Standard and CA window)  
a. Separate 120V / 60Hz /15-amp single phase circuit required. Run power to center of window above header.

3.1 Installation

- A. Install in accordance with manufacturer's instructions.  
B. Install pass-thru windows plumb, level, square, true to line, and without warp or rack. Maintain dimensional tolerances and alignment with adjacent Work.  
C. Install thermal isolation where components penetrate or disrupt building insulation. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.  
D. Install pass-thru window components weathertight.  
E. Anchor pass-thru windows securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, and expansion and contraction.  
F. Separate aluminum from other metal surfaces with bituminous coatings or other means approved by Architect.  
G. Coordinate installation of related sheet metal flashing as specified in Section 07 62 00 - Sheet Metal Flashing and Trim.  
H. Install perimeter joint sealants as specified in Section 07 91 23 - Backer Rods.

SECTION 08710 - DOOR HARDWARE

- 1.1 General: Provide door hardware as shown and specified.

- A. Standards: Materials and installation shall conform to the following:  
1. ANSI A117.1:2009 Accessible and Usable Buildings and Facilities.  
2. ANSI/BHMA A156 Series Builders Hardware

- B. Quality Assurance:  
1. Codes and standards: Provide hardware complying with local Building Code requirements and the Tenant's standards for keying and security systems.  
2. Project scheduling: Performed by an Architectural Hardware Consultant (AHC).  
3. Package each item of hardware and each lockset, complete with all screws, anchors, installation instructions and templates. Identify package indexing with corresponding item number of the hardware schedule.  
4. After hardware schedule acceptance, provide necessary templates or physical hardware to required trades for cutting, reinforcing, or preparing their products to receive hardware. Furnish templates to metal door manufacturer's.

- 2.1 Materials:

- A. No substitutions allowed. Requirements for manufacturer, design, grade, function, finish, size and other distinctive qualities of each type of door hardware are indicated on the drawings.

- B. Review the keying system with the Tenant and provide the type required.

- 3.1 Installation

- A. Install each hardware item in strict accordance with manufacturer's installation instructions and recommendations. Securely fasten all attached parts. Fit faces of mortised parts snug and flush. Verify operating parts move freely and smoothly without binding or sticking, without excessive clearance.

- B. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as required for proper installation and operation. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.

- C. Mount hardware units at heights indicated in DHI "Recommended Locations for Builders Hardware", unless otherwise required to comply with requirements of governing codes and regulations. Conform to ANSI A117.1 and ADAGG guidelines for accessibility.  
1. Top Butts: 5 inches; top of butt from head of frame.  
2. Middle Butts: 3'-2", centerline from finish floor.  
3. Bottom Butts: 5 inches; finish floor to bottom of butt.  
4. Locks: centerline from finish floor per hardware schedule.  
5. Knobs: 3'-2", centerline from finish floor.  
6. Pulls: centerline from finish floor per hardware schedule.  
7. Pushes: centerline from finish floor per hardware schedule.

## NOT USED

- 1.1 General: Provide glass and glazing as shown and specified.

- A. Standards: Materials and installation shall conform to the following:  
1. CPSC 16 CFR Part 1201 (1-91)"Safety Standard for Architectural Glazing Materials."  
2. GANA "Glazing Manual" - 1990."
- B. Quality Assurance:  
1. Codes and standards: Provide type of glass and glazing products that comply with ANSI Z97.1 and testing requirements of 16 CFR Part 1201 for category II materials. Comply with all applicable codes, standards and regulations that control safety glazing materials and installation.  
2. System Performance: Provide glass and glazing that has been produced, fabricated and installed to withstand normal thermal movement, wind loading and, where applicable, impact loading, without failure including loss or breakage of glass, failure of glazing sealants or gaskets to remain watertight and airtight, deterioration of glass and glazing materials and other defects in the work.  
3. Installation: Performed only by experienced glaziers.

- C. Warranty:  
1. Insulating glass: Five years from date of installation against defects that materially obstruct vision through the glass or affect thermal and physical integrity.

- 2.1 Materials:

- A. Glass:  
1. Float Glass (FG): 1/4" thick clear float glass.  
2. Tempered Glass (TG): 1/4" and 1/2" thick clear, tempered safety glass, free-of-tong marks.  
3. Insulating Glass (IG): 1" thick clear, low-e tempered sealed glass; 1/4" thick interior and exterior glass lites with 1/2" aluminum desicated dual sealed air space; with the following characteristics:  
a. Low-emissivity coating on #2 surface.  
b. Visible Light Transmittance: 64% - 70%  
c. Visible Light Reflectance - Outdoors: 9%-11%  
d. Solar Energy Transmittance: 32%-34%  
e. Solar Energy Reflectance-Outdoors: 30%-34%  
f. U-Value - Winter Night: 0.29  
g. U-value - Summer days: 0.28  
h. Solar Heat gain Coefficient: 0.25-0.39  
i. Shading Coefficient: 0.43-0.45  
j. Manufacturers/Products:  
i. AGC/Comfort Ti-AC40, or similar to meet code  
ii. Sun Guard/SN-68, or similar to meet code  
iii. PPG/Solarban 60, or similar to meet code  
iv. Viracon/VE1-2M, or similar to meet code
4. Spandrel Glass (SG) 1/4" thick, Spandrel Ceramic Glass, (Color: Gray/black or as noted on drawings) by Old Castle Building Envelope (419) 666-2000, Contact: Doug Dewar
5. Frosted Window Film, 3M Dusted Crystal Translucent Window Film. Apply on the interior side of glazing.

- B. Glazing Materials:  
1. Glazing Sealants: Provide elastomeric glazing sealants suitable for applications indicated; compatible with one another and with other materials they will contact, complying with ASTM C920.  
2. Glazing Tape: Provide preformed, non-staining and non-migrating elastomeric tape, as recommended by tape and glass manufacturers for application indicated, complying with ASTM C 1281.  
3. Glazing gaskets: Provide manufacturer's standard snap-on aluminum stops and neoprene, vinyl or EPDM glazing gaskets.  
4. Provide setting blocks, spacers and edge blocks of material, size, and shape complying with referenced glazing standard, and compatible with surfaces contacted in installation.

- C. Fabrication: Factory fabricate and size all glass.

- 3.1 Installation

- A. Preparation:  
1. Field verify measurements and conditions of installation.  
2. Examine all details. Provide proper fitting to details indicated.  
3. Glazing channel dimensions shown are intended to provide for necessary bite on glass, minimum edge clearance and adequate glazing materials thickness, with reasonable tolerances. Adjust as required by job conditions at time of installation.
- B. Install glass and glazing in accordance with the GANA "Glazing Manual" and glass manufacturer's recommendations.  
1. Install insulating glass units to comply with recommendations by Sealed Insulating Glass Manufacturers Association (SIGMA).
- C. Install setting blocks of proper size at quarter points of sill rabbet. Provide spacers as required.
- D. Install glazing sealants, tapes and gaskets in accordance with manufacturer's recommendations. Set glass without springing and install securely to prevent rattling or breakage.
- E. Protect glass from breakage during remaining construction. Do not remove non-permanent labels until final acceptance.

DIVISION 9 – FINISHES

SECTION 09260 - GYPSUM BOARD SYSTEMS

- 1.1 General: Provide gypsum board systems as shown and specified.

- A. Standards: Materials and installation shall conform to the following:  
1. GA 214-90 "Levels of Gypsum Board Finish."  
2. GA-216 "Specifications for Application and Finishing of Gypsum Board."  
3. USG "SA923 Drywall/Steel Framed Systems."

- 2.1 Materials:

- A. Manufacturer: United States Gypsum Co. (USG), (800) 874-4968, internet www.usg.com.
- B. Metal framing: Comply with ASTM C 754 and ASTM C 645 for materials and sizes.  
1. Partition metal framing:  
a. Studs: Galvanized steel, C-shaped, sizes indicated, 20 gage "ST20"  
b. Runners: Match studs, type recommended by stud manufacturer for floor and ceiling support of studs. Provide flexible ceiling runners for full height metal stud framed partitions continuous from floor to underside of structural members or deck above.
- C. Ceiling and Soffit metal framing/suspension systems:  
1. Small areas: Metal stud framing of appropriate size and gage for spans indicated.  
2. Large areas: Furring channel "Grillage" or "Direct Suspension System" designed for concealed support of gypsum board ceilings, of proper type for use indicated.  
3. Furring members: 20 gage, galvanized steel screw type, hat-shaped furring.
- D. Gypsum board panels: USG "Sheetrock" complying with ASTM C1396, tapered edge face panels, 48" wide, in maximum lengths available to minimize end joint conditions, 5/8" thick.  
1. General use panels: Sheetrock Regular panels.  
2. Fire rated panels: Sheetrock Firecode Core panels.  
3. Water-resistant panels: Sheetrock HUMITEK panels.
- E. Cement board: USG DUROCK Cement Board, 5/8" thick x manufacturer's standard width, complying with ANSI A118.9, and in maximum lengths available to minimize end-to-end butt joints.

- F. Fasteners: USG Type "S" bugle head screws for metal framing, USG Type "W" bugle head screws for wood framing, manufacturer's recommended length for panel thickness indicated.

- G. Trim: Galvanized steel with knurled and perforated flanges. USG Dur-A-Bead corner bead, No. 2008 casing bead metal trim, No. 093 Control Joint.

- H. Joint treatment: USG Joint Treatment System, utilizing "Sheetrock Brand Joint Tape", and "Sheetrock Brand Setting-Type (DURABOND)" compound for tape bedding and topping.

- I. Adhesives: USG "Sheetrock Brand Setting-Type (DURABOND) 210 or 90" compound for tape bedding and topping.

- J. Acoustical sealant: USG Sheetrock Acoustical Sealant, water-base type, gunnable sealant for sealing sound-rated gypsum board systems.

- K. Sound attenuation insulation: USG Thermafiber unfaced 3-1/2" thick, mineral fiber insulating batts/blankets; standard lengths and widths required to coordinate with spaces insulated.

- 3.1 Installation

- A. Install metal wall and partition framing and ceiling suspension/ support systems in accordance with USG Bulletin SA 923 and complying with ASTM C754.  
1. Ceiling suspension/ support systems: Metal furring system/direct suspension or steel stud framing system.  
2. Wall and partition framing:  
a. Install steel studs per schedule or at spacing indicated with bottom and top runner tracks anchored to substrates. Provide flexible ceiling runner tracks at full height partitions.  
b. Terminate partition stud system 4" above ceilings, except where indicated to be extended to structural support or roof deck above. Brace tops of partition framing to structure or roof deck at maximum 4'-0" on center spacing.  
c. Frame openings more than 2'-0" wide with two 20 gage studs at each jamb.  
d. Coordinate the installation of supplementary blocking and nailers, provided under Section 06100 work, to support shelving, millwork, toilet accessories, and similar work that cannot be adequately supported by gypsum board alone.

- B. Application and Finishing: Install and finish gypsum board to comply with ASTM C 840 and Gypsum Association GA 216 "Recommended Specifications for the Application and Finishing of Gypsum Board."  
1. Screw fasten all gypsum board panels.  
2. Metal Trim: Install metal corner beads at external corners of gypsum board work and metal trim wherever edge of gypsum board would be exposed. Use longest practical lengths.  
3. Control Joints: Locate and install control joints in accordance with USG Bulletin SA923 "Good Design Practice" recommendations.

- C. Acoustical Treatment:  
1. Where sound-attenuation insulation is indicated, seal gypsum board construction at perimeters, control joints, junction boxes, openings and penetrations with a continuous bead of acoustical sealant including a bead at both faces of partitions.  
2. Install sound attenuation insulation at scheduled partitions and ceilings. Install insulation in single layer of required thickness. Extend full thickness over entire area to be insulated. Cut and fit tight around obstructions. Fill all voids.  
3. At openings and cutouts, fill open spaces between edges of gypsum board and fixtures, cabinets, ducts, and other flush or penetrating items, with continuous bead of acoustical sealant.  
4. Seal sides and backs of electrical boxes to completely close up openings and joints with a bead of acoustical treatment.

- D. Finishing:  
1. Comply with manufacturer's instructions for mixing, handling, and application of materials. Apply treatment at joints both directions, at flanges of trim accessories, penetrations of gypsum board (electrical boxes, piping, and similar work), fastener heads, surface defects, and elsewhere as indicated. Apply in manner that will result in each of these items being concealed when applied decoration has been completed.  
2. Apply joint tape at joints between gypsum boards, except where trim accessories are indicated.  
3. Interior Exposed Gypsum Board Finish: Level 5 Finish.  
a. Locations: Typical for all walls and ceilings, unless otherwise indicated  
b. Finish interior gypsum board by applying the following joint compounds in four coats (not including prefill of openings in base), and sand between coats and after last coat:  
c. Embedding and First Coat: Setting-type joint or taping compound.  
d. Fill (Second) Coat: Setting-type topping compound.  
e. Fill (Third) Coat: Setting-type topping compound.  
f. Finish (Fourth) Coat: Skim coat entire surface.
4. Interior Concealed Gypsum Board: Level 3 Partial Finishing.  
a. Finish concealed gypsum board construction that requires finishing same as exposed gypsum board construction, except the third coat and sanding can be omitted.

- E. Cement Board: Install cement board as a 16" high base at all kitchen and kitchen cook line wall types as indicated on drawings.

SECTION 092816 - GLASS-MAT FACED GYPSUM BACKING BOARDS

- 1.1 General: Provide Fiberglass-mat faced, moisture resistant gypsum backer board as shown and specified.

- A. Standards: Materials and installation shall conform to the following:  
1. ASTM C840 Standard Specification for Application and Finishing of Gypsum Board.  
2. ASTM C1002 Standard Specification for Steel Self Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs  
3. ASTM C1178 Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel  
4. ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber  
5. ASTM D6329 Standard Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers  
6. ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials  
7. Tile Council of North America, Inc. (TCNA): TCA Handbook for Ceramic Tile Installation, Current Edition.

- 2.1 Materials:

- A. Manufacturer: Georgia-Pacific Gypsum LLC, (800) 225-6119, internet: www.buildgpc.com
- B. Fiberglass-Mat Faced Gypsum Backing Board: DensShield Fireguard Tile Backing Board complying with ASTM C1178, Type X, Square edges, 4' wide in maximum lengths available to minimize end joint conditions, 5/8" thick. Surfacing: Coated fiberglass mat on face, back and long edges.  
1. General use panels: 5/8" DensShield Fireguard Tile Backer, Georgia-Pacific Gypsum.

- C. Fasteners: Screws meeting ASTM C1002, with corrosion resistant treatment. Size and type per manufacturer's recommendations:  
1. Walls (Steel Frame): Bugle head, fine thread, sharp point rust resistant drywall screw  
2. Walls (Walls Frame): Bugle head, coarse thread, sharp point rust resistant screw

- D. Metal Framing, Trim, joint treatment, adhesives, acoustical sealant, and sound attenuation insulation: Refer to Section 09260 Gypsum Board Systems

- 3.1 Installation

- A. Install DenShield at all tile walls excluding hood area as indicated on drawings.
- B. General: Install in accordance with ASTM C840, manufacturer's recommendations and TCA Handbook for Ceramic Tile Installation.  
1. Manufacturers Recommendations: refer to Current "Product Catalog", Georgia Pacific Gypsum.  
a. Attach DensShield Tile Backer with grey side facing the interior. Tile should be applied on the grey coated side of DensShield Tile Backer. Cut panel to required size and make cutouts. Fit ends and dges closely. Do not leave gaps between panels.  
b. DensShield Tile Backer may be cut by using a utility knife to score, then snap, working from the grey face side.  
c. For walls, when used as a tile substrate a minimum 20-gauge steel or wood framing should be spaced no greater than 24" o.c. for 5/8" DensShield Tile Backer. Board can be applied horizontally or vertically.  
d. Fasteners shall be spaced 6" o.c. for walls for wood and steel framing. Do not countersink. Drive fasteners flush with grey coated surface. See manufacturer installation Fastener Guide for proper selection.  
e. In all corners, imbed with a bead of flexible sealant when installing panels into corner. Apply self-adhesive 2" wide fiberglass mesh tape and bed tape on all joints and corners with material used to set tiles.  
f. Caulk or seal fixture/plumbing penetrations and abutments to dissimilar materials.  
g. Do not use all purpose joint compound or tape in wet areas.  
h. Do not apply DensShield Tile Backer directly to concrete or masonry block. Framing or furring of the walls is necessary.  
i. DensShield Tile Backer should not be used for exterior installations.  
j. DensShield Tile Backer panels should not be used as a base for nailing and mechanical fastening.  
k. DensShield Tile Backer has a built in moisture barrier. Never install vapor retarders directly behind DensShield Tile Backer panels. In retrofit applications, some paints or other wall coverings may constitute a vapor barrier; remove or effectively penetrate these coverings prior to installing DensShield Tile Backer panels.
- C. Refer to Section 09260 Gypsum Board Systems for additional installation and sound treatment instructions

SECTION 09330 - QUARRY TILE

- 1.1 General: Provide quarry tile flooring and base as shown and specified.

- A. Standards: Materials and installation shall conform to the following:  
1. ANSI A137.1 "Ceramic Tile."  
2. TCA "Handbook for Ceramic Tile Installation."

- 2.1 Materials:

- A. Manufacturers:  
1. Quarry Tile: Daltile, (877) 556-5728, internet: http://daltile.com  
a. For ordering purposes, email all orders to chipotle@daltile.com
2. Waterproofing, Setting and Grouting Materials:  
a. Setting and Grouting Materials and Tile Base Membrane: Mapei  
i. For ordering purposes, email all orders to chipotle@daltile.com  
ii. For technical questions, contact Mapei, (800) 992-6273, internet: www.mapei.com
- B. Quarry Tile: Daltile 6" x 6" x 1/2" Quarry Textures with 5" base as scheduled on finish plan and appropriate trim; Color: "Ashen Gray" 0703  
1. Entire Kitchen Area: Provide non-abrasive finish quarry tile.  
2. Rest Rooms: Provide non-abrasive finish quarry tile.  
3. Outside Corner Cove Base (Kitchen): HQC-(L or R)-3565 5" x 6"  
4. Inside Corner Cove Base: #QB-3565 1" x 5"  
5. Bullnose Coveless Base: #Q-1665, 6" x 6"  
6. Bullnose Corner Coveless Base: #QCRL-1665, 6" x 6"
- C. Waterproofing for elevated floor slabs: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane  
D. Setting Adhesive: Mapei, Ultraflex 3, Color: Gray  
E. Grout: Mapei, Kerapoxy IEG CQ, Color: #9, "Gray", 1/4" grout joints.  
F. Quarry Tile Base Membrane: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

- 3.1 Installation

- A. Preparation: Clean substrate surfaces, scheduled to receive quarry tile, thoroughly and remove all coatings that may impair bond.  
1. Center tile fields both directions in each floor area. Adjust layout to minimize tile cutting. Avoid tile less than one-half size. Locate cuts to be least conspicuous.  
2. Maintain units uniformly "in plane." Provide straight, uniform joint widths and grout lines.

- B. Elevated Floor Slabs: Install waterproofing membrane at elevated floor slab surfaces scheduled to receive quarry tile floor finish. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.  
1. Extend waterproofing up vertical wall surfaces minimum 10" high.  
2. Extend membrane down into floor drain flanges to assure continuous waterproofing at drainage points.

- C. Wet Areas: Install waterproofing membrane at all quarry tile wall base. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.  
1. Extend waterproofing up all vertical wall surfaces receiving quarry tile base minimum 10" high. Extend waterproofing membrane 10" minimum horizontally from all vertical wall surfaces receiving quarry tile base.

- D. Installation: Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.  
1. Floors: Latex-portland cement mortar on concrete; TCA detail F113 and ANSI A108.5, grout ANSI A108.10.  
2. Base: Latex-portland cement mortar on cement board.

SECTION 09340 - CERAMIC TILE

- 1.1 General: Provide ceramic wall tile as shown and specified.

- A. Standards: Materials and installation shall conform to the following:  
1. ANSI A137.1 "Ceramic Tile."  
2. TCA "Handbook for Ceramic Tile Installation."

- 2.1 Materials:

- A. Manufacturers:  
1. Ceramic Tile and Accent Tile: Daltile, P: (877) 556-5728, internet: http://daltile.com  
a. For ordering purposes, email all orders to chipotle@daltile.com
- B. Ceramic Tile:  
1. Kitchen Tile, or as noted in plans, Series - Finish Line Glazed Ceramic Tile:  
a. Color - White FL90, Semi-Gloss, Size - 4 x 16, Pattern - Stacked Bond  
2. Accent Tile, Series - Color Wheel Glazed Ceramic  
a. Color - Chipotle Brick Metallic 1.0 #9999710686, Size - 3 x 12, Pattern - Stacked Bond  
b. Alternate Accent Tile only when approved by Arch PM and Chipotle DM  
i. Series - Remedy, Color - Alchemy RD25, Size - 2 x 9, Pattern - Stacked Bond  
ii. Series - Marrazzi, Color - Artesen AT25, Size - 2 x 4, Pattern - Brickjoint Mosaic

- C. Setting Adhesive: Thinset Mortar, Mapei, Ultraflex LFT - Gray

- D. Grout:  
1. Kitchen Tile or as noted in plans  
a. Mapei, Series - Flexcolor CQ - Gray #09, 1/8" grout joints.  
2. Accent Tile  
a. Mapei, Series - Flexcolor CQ - Chocolate #07, 1/8" grout joints.

- 3.1 Installation

- A. Preparation: Clean substrate surfaces scheduled to receive ceramic tile thoroughly and remove all coatings that may impair bond.  
1. Protect surrounding work from damage.  
2. Remove any curing compounds or other contaminants.  
3. Vacuum clean surfaces and damp clean.  
4. Install cementitious backer board or glass-mat faced gypsum backing board as indicated in drawings in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of dry-set mortar to a feather edge.  
5. Prepare substrate surfaces for adhesive installation in accordance with adhesive manufacturer's instructions.

- B. Kitchen:  
1. Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.  
2. Lay tile in horizontal stack bond, following detail drawings for layout considerations. Horizontal rows of tile shall be full-height courses, unless noted otherwise.  
3. Arrange pattern so that a full tile or joint is centered on each wall horizontally and that no tile less than 1/2 width is used at the ends of the wall. Exception: when one end of the wall is a tile-to-gypsum board transition. Do not interrupt tile pattern through openings.  
4. Use specified stainless steel corner guards at tile-to-tile and tile-to-FRP outside corners.  
5. Use corner bead of 100% silicone sealant, color to match grout, at inside corners where tile meets tile.  
6. Use corner bead of 100% silicone sealant, white, at inside corners where tile meets paint gyp. board, tile meets FRP or tile meets aluminum.  
7. Cut and fit tile to penetrations through tile, leaving sealant joint space. Place tile joints uniform in width, subject to variance in tolerance allowed in the size. Make joints watertight, without voids, cracks, excess mortar, or excess grout.  
8. Sound tile after setting. Replace hollow sounding units.  
9. Keep expansion joints free of adhesive or grout. Allow tile to set for a minimum of 48 hours prior to grouting. Apply sealant to junction of tile and dissimilar materials and junction of dissimilar planes. Refer to section 07900 Joint Sealers.  
10. Clean tile and grout surfaces.

Consultant:

**R/A**

**Red Architecture**

589 W. NATIONWIDE BLVD. SUITE B  
COLUMBUS, OHIO 43215 (614) 487-8770

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CONSTRUCTION

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PALM BAY  
1491 EMERSON DRIVE NE  
PALM BAY, FL 32907

Issue Record:

09/09/2024 PERMIT SET  
10/23/2024 BID SET  
01/24/2025 CONSTRUCTION SET



Revisions:

Drawn: JTH  
Checked: TC

Project No.

CMG1197

Contents:

ARCHITECTURAL  
SPECIFICATIONS

G015



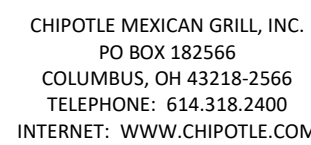


|    |                                                                                                                                           |
|----|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | STENCILS FOR PARKING MARKINGS AVAILABLE FROM PAVEMENT STENCIL COMPANY, PHONE: (800) 250-5547, EMAIL: STENCILS@PAVEMENTSTENCIL.COM         |
| 2. | ALL SITE WORK INCLUDING PAVING, CURBING, PARKING, PARKING LOT LIGHTING, SIDEWALKS, LANDSCAPING AND DUMPSTER ENCLOSURE ARE EXISTING U.N.O. |

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Issue Record

Revisions:

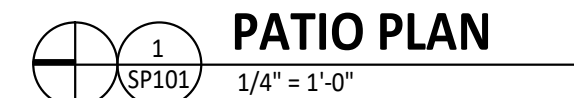
Project No.

CMG1197

## Contents:

# SP100





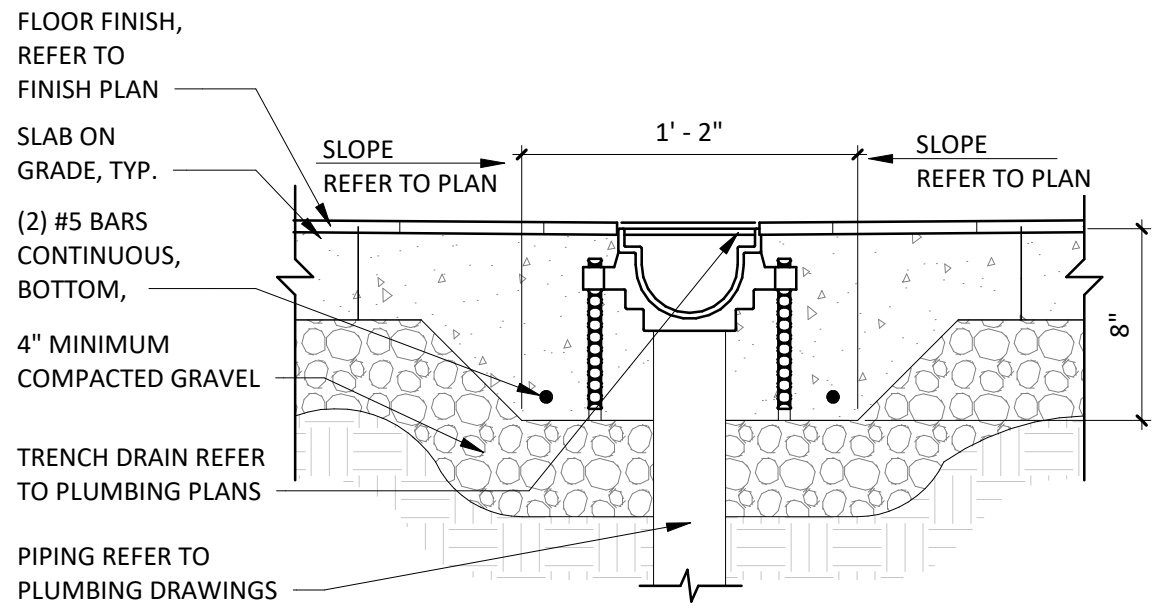
SP101

PLUMBING LEGEND

|  |              |
|--|--------------|
|  | FLOOR SINK   |
|  | FLOOR DRAIN  |
|  | TRENCH DRAIN |

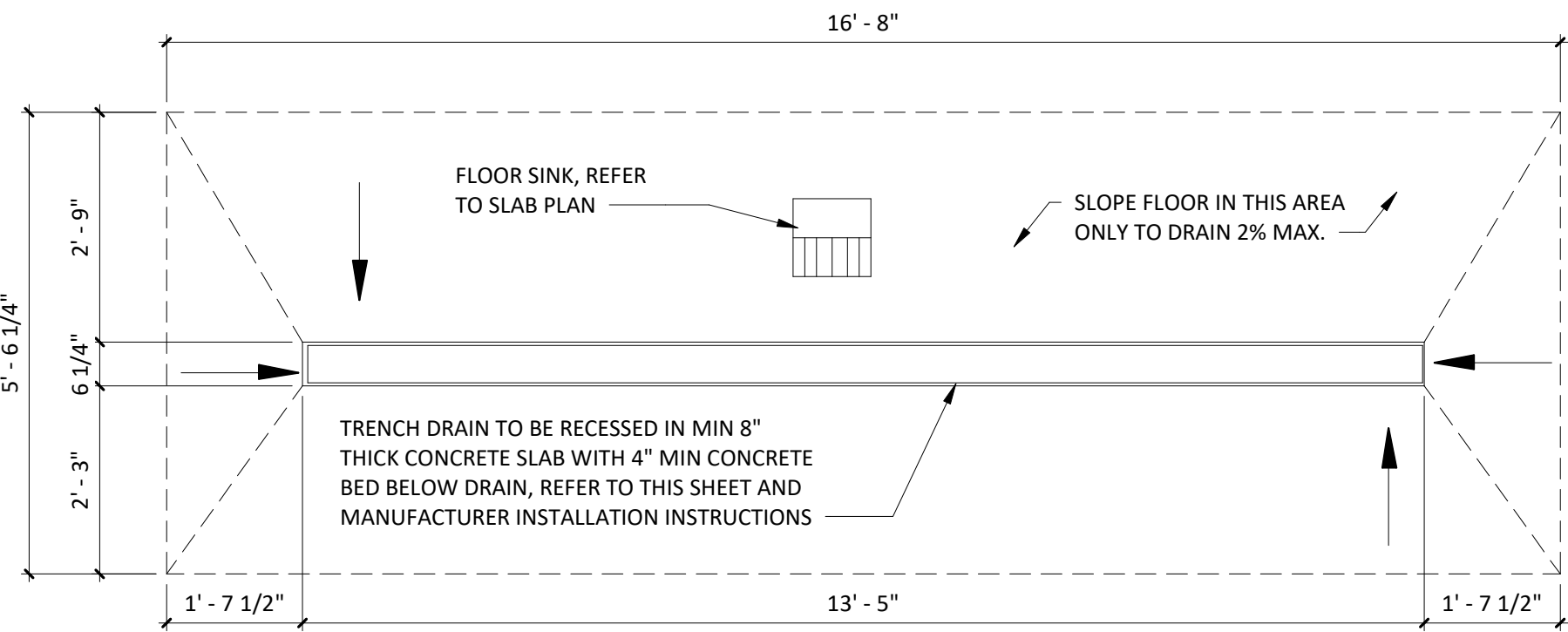
GENERAL NOTES

1. VERIFY OVERALL INTERIOR DIMENSIONS, INTERIOR COLUMN PLACEMENTS, AND EXTERIOR WALL PENETRATIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. ALL DIMENSIONS ARE TO THE INSIDE FACE OF EXTERIOR WALLS.
3. ALL DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED.
4. GC TO REVIEW ELECTRICAL PLANS FOR LIGHTING OR POWER STUB LOCATIONS PRIOR TO POURING SLAB.
5. REFER TO "03300 - CAST-IN-PLACE CONCRETE" IN SPECIFICATIONS FOR CONCRETE PATCHING OR INSTALLATION INFORMATION.
6. VERIFY PERIMETER FOUNDATION INSULATION IS EXISTING IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. ALL TILED FLOOR TO MAINTAIN POSITIVE SLOPE TO ALL FLOOR DRAINS OF NOT GREATER THAN 2% SLOPE FOR A 4'X4' AREA U.N.O.



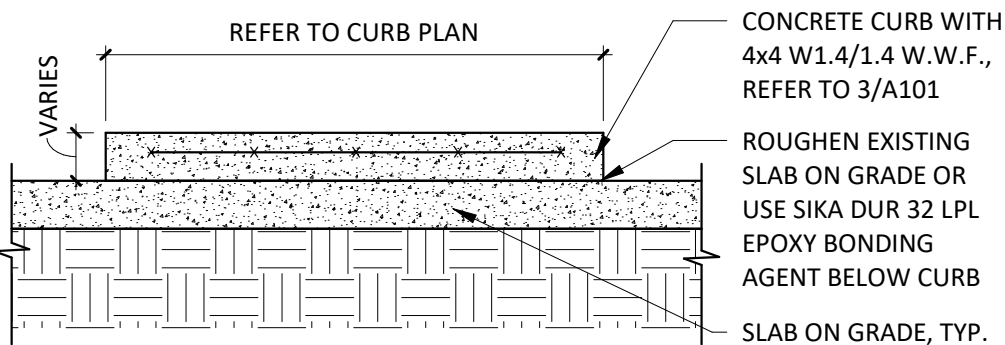
TRENCH DRAIN DETAIL

1 1/2" = 1'-0"



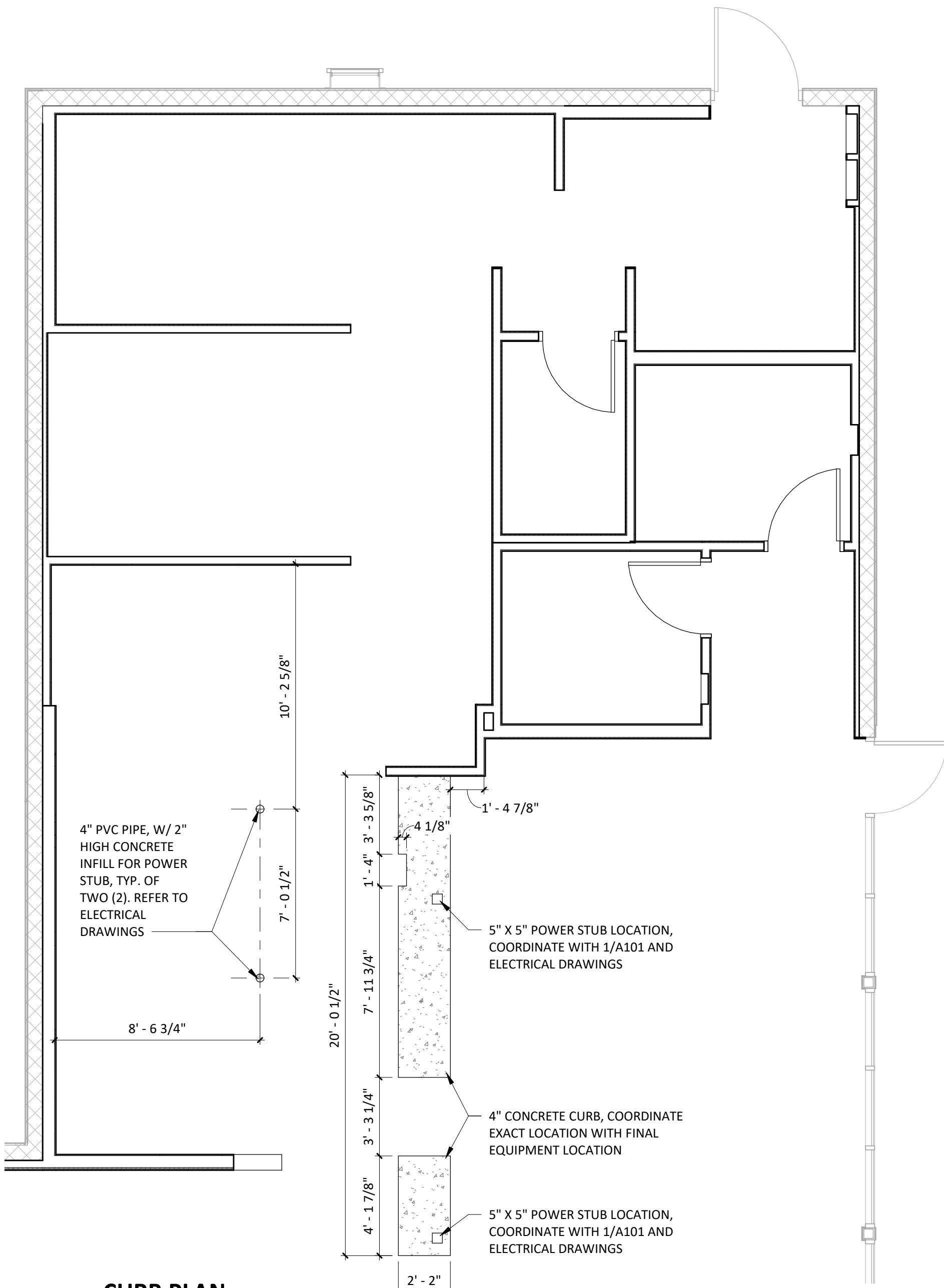
TRENCH DRAIN PLAN DETAIL

1/2" = 1'-0"



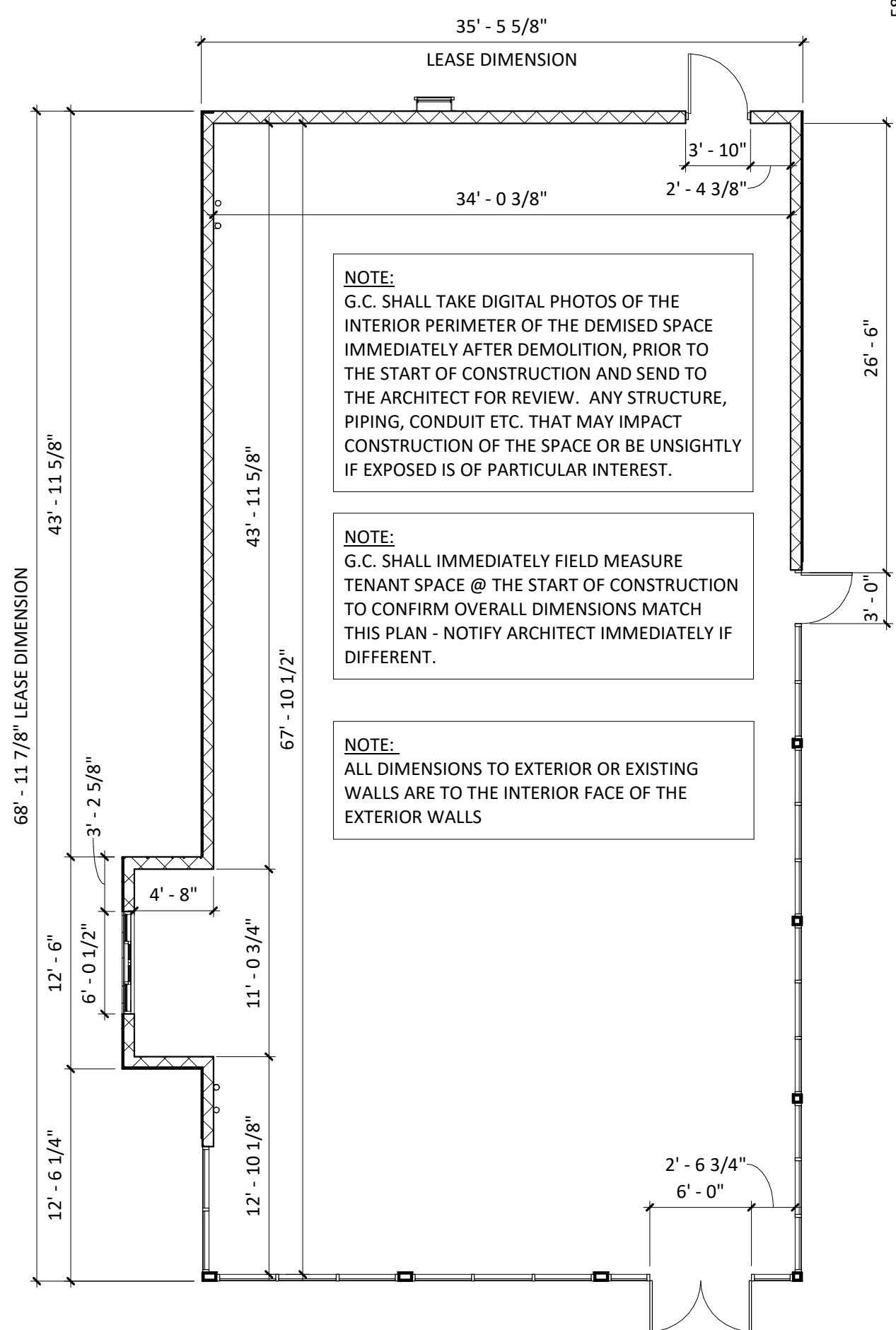
CONCRETE CURB DETAIL

3/4" = 1'-0"



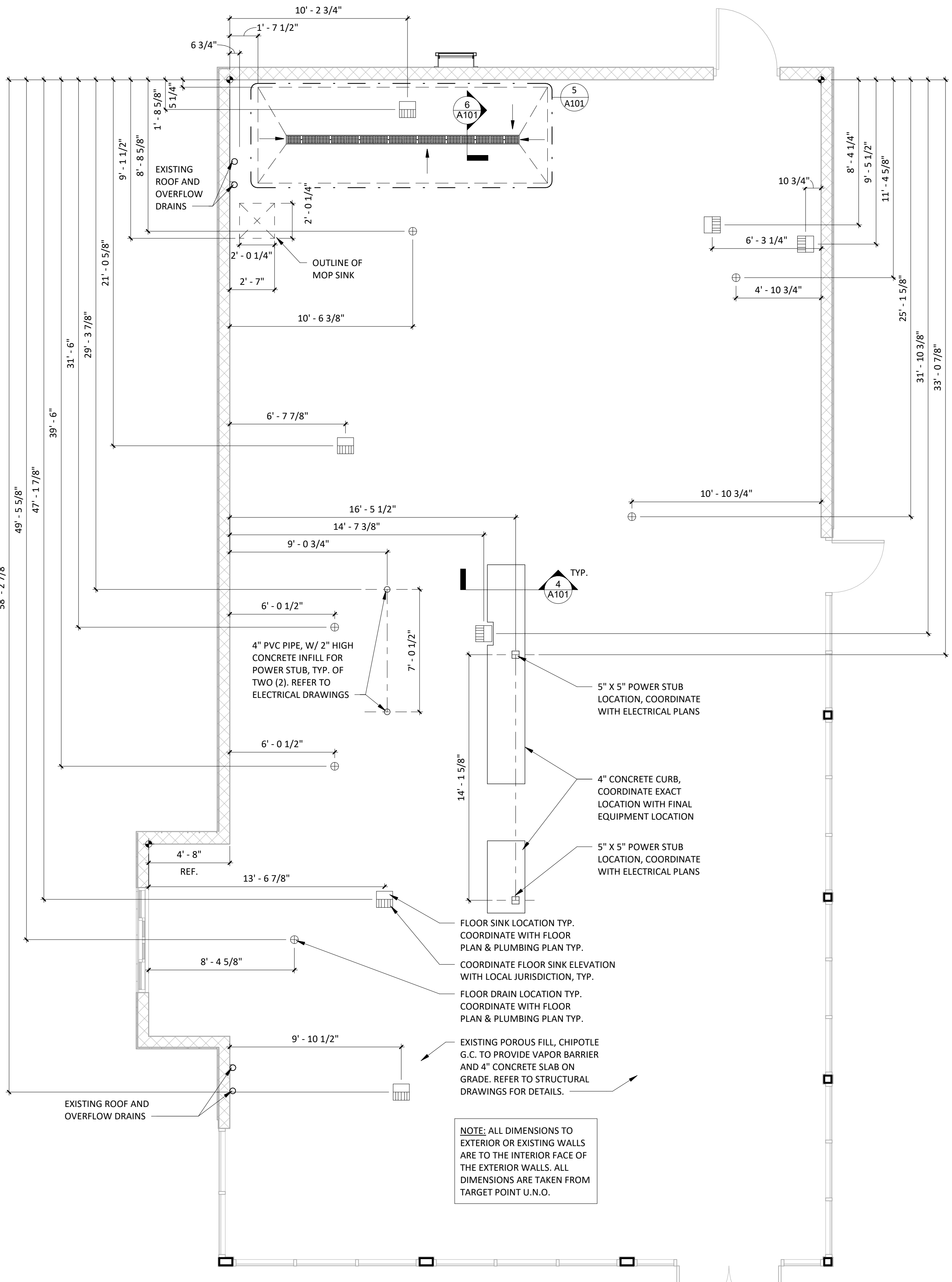
CURB PLAN

1/4" = 1'-0"



DEMISED PREMISES PLAN

1/8" = 1'-0"



SLAB WORK PLAN

1/4" = 1'-0"

Consultant:

R/A

Red Architecture

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1491 EMERSON DRIVE NE  
PALM BAY, FL 32907

Issue Record:

|            |                  |
|------------|------------------|
| 09/09/2024 | PERMIT SET       |
| 10/23/2024 | BID SET          |
| 01/24/2025 | CONSTRUCTION SET |

Revisions:

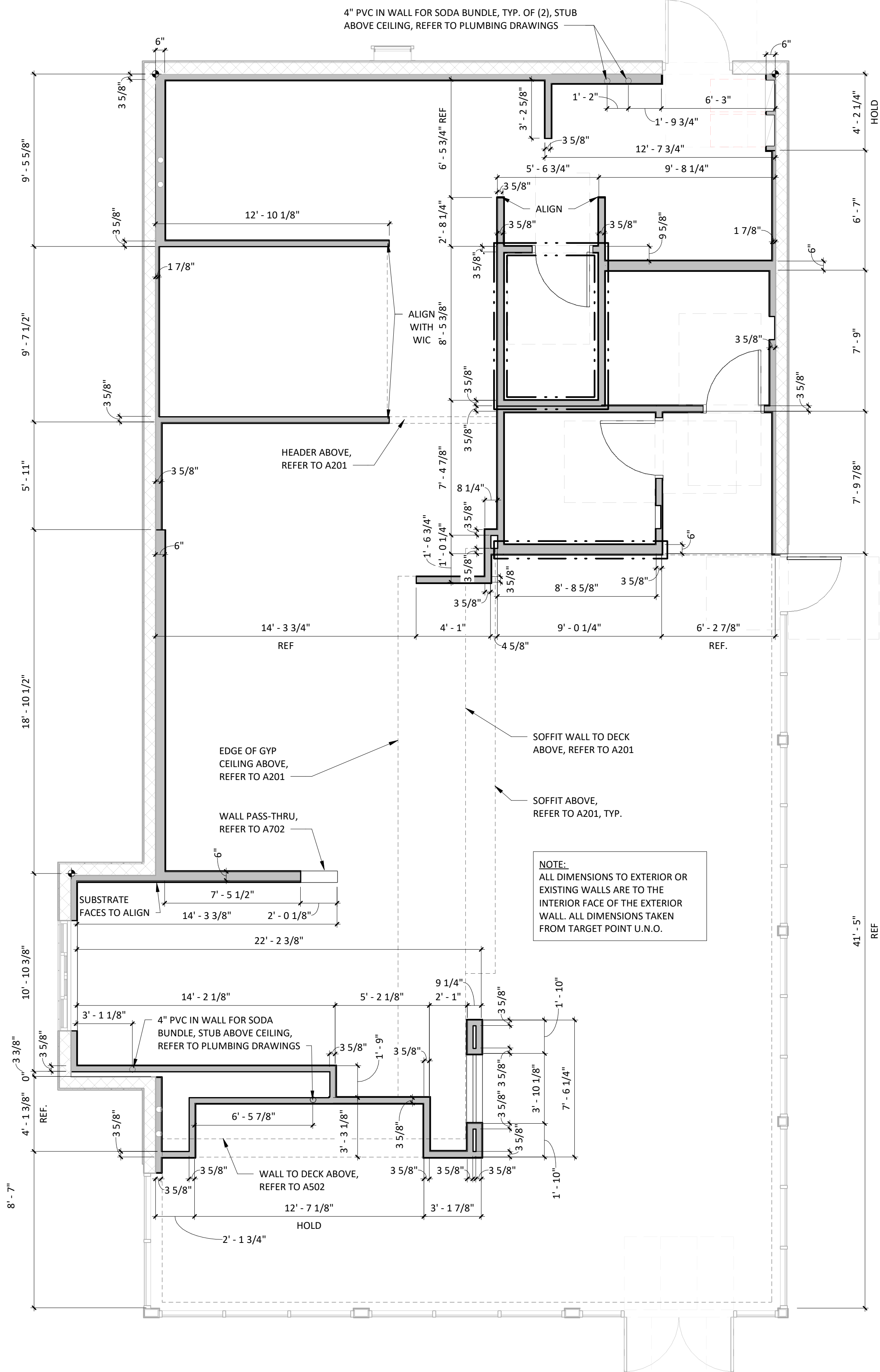
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| JTH    | TC       |

Project No.  
CMG1197

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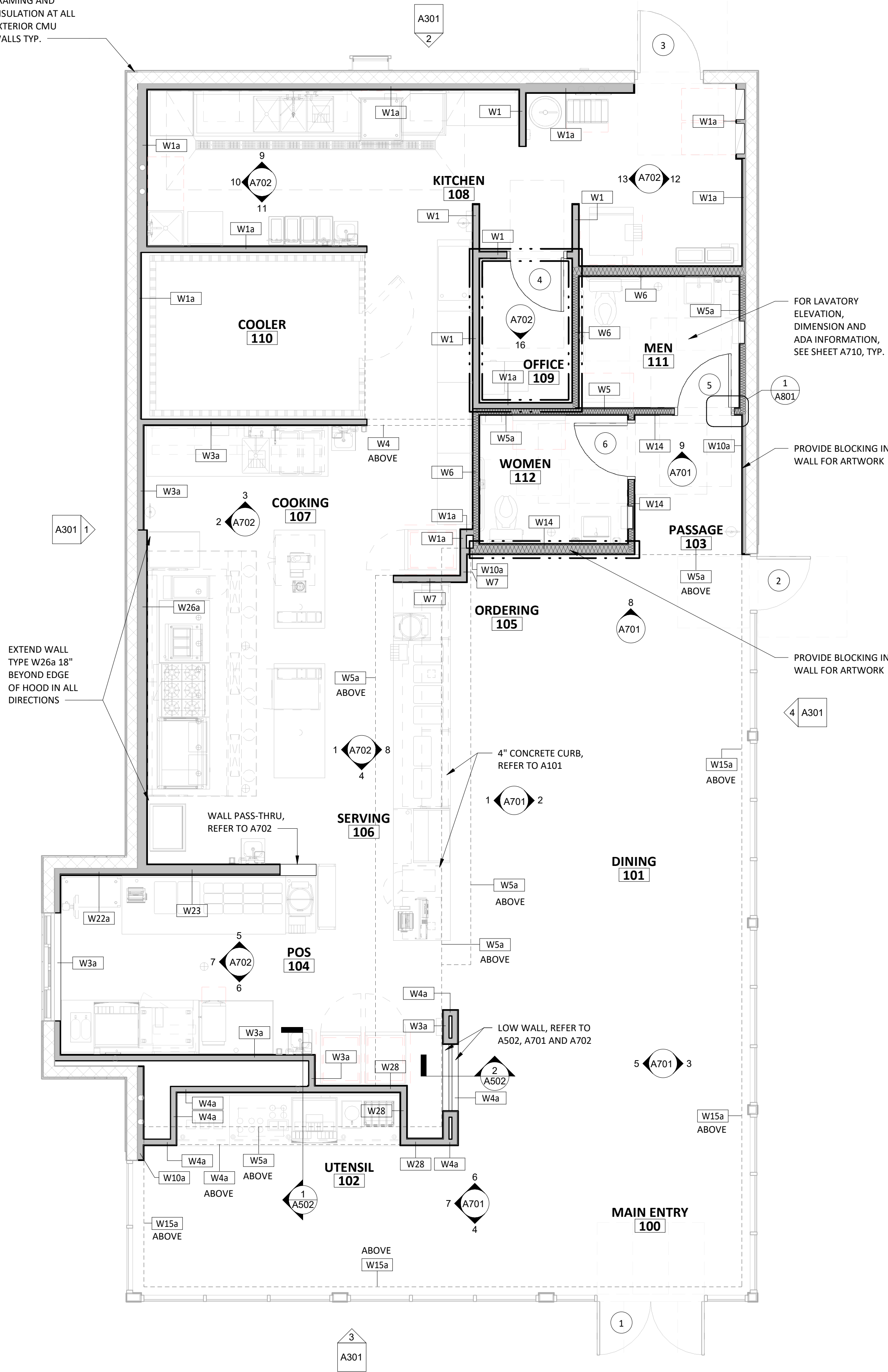
SLAB WORK PLAN

A101



2  
A110  
ARCHITECTURAL FLOOR PLAN - DIMENSIONS  
1/4" = 1'-0"

REFER TO GENERAL  
NOTE 15 FOR  
FRAMING AND  
INSULATION AT ALL  
EXTERIOR CMU  
WALLS TYP.



1  
A110  
ARCHITECTURAL FLOOR PLAN  
1/4" = 1'-0"

## GENERAL NOTES

- ALL DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF STRUCTURE UNLESS NOTED OTHERWISE.
- DASHED CIRCLE IN RESTROOM INDICATES 5'-0" TURNING DIAMETER REQUIRED BY ADA.
- REFER TO WALL FINISH SCHEDULE ON A120.
- STUD SIZES AS INDICATED ON PLAN.
- INTERIOR DOORS ARE 4" OFF OF PERPENDICULAR WALL U.N.O.
- IN SITUATIONS WHERE TENANT'S G.C. IS TO PROVIDE TYPE 'X' GYP. BD. FOR A RATED ASSEMBLY, THE TYPE 'X' GYP. BD. IS REQUIRED TO GO BENEATH THE SHEATHING AND FINISHES.
- SEE SHEET A801 FOR ADDITIONAL SHEATHING BEHIND CERTAIN WALL FINISHES.
- SEE A601 FOR DOOR TYPES.
- TENANT'S G.C. TO PERFORM LAYOUT OF ENTIRE SPACE PRIOR TO STARTING FRAMING AND REPORT ANY DISCREPANCIES IN NOTED DIMENSIONS TO ARCHITECT AND CHIPOTLE MEXICAN GRILL'S CM PRIOR TO PROCEEDING. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT CONTRACTOR'S COST.
- SEE A501 FOR WALL TYPES.
- PROVIDE DEFLECTION TRACKS AT WALLS WHICH GO TO THE UNDERSIDE OF THE DECKING, REFER TO DETAIL 3/A501.
- PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
- DENSSHIELD TILE BACKER BOARD SHALL NOT BE INSTALLED OVER VAPOR BARRIERS AT EXTERIOR WALLS.
- MOISTURE RESISTANT GYP. BD. SHALL BE USED IN RESTROOMS.
- ALL EXISTING EXTERIOR CMU WALLS SHALL HAVE MIN 1-1/2" METAL FRAMING INSTALLED FROM SLAB TO TOP OF CMU FOR INSTALLATION OF MULTI-LAYER REFLECTIVE INSULATION (R-5.7 CI MIN.). INSULATION TO BE "VR PLUS SHIELD HI-PERM" AS MANUFACTURED BY FI-FOIL COMPANY (800-448-3401). INSULATIONS SHALL BE TAPE TAB TYPE FOR APPLICATION ON METAL FRAMING. INSTALLATION PER SPECIFICATIONS AND PER ALL MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS. SEE DETAIL 4/A501.

## WALL TYPE LEGEND

|                                                       |  |
|-------------------------------------------------------|--|
| INTERIOR WALL CONSTRUCTION                            |  |
| EXTERIOR WALL CONSTRUCTION                            |  |
| INTERIOR WALL CONSTRUCTION WITH SOUND BATT INSULATION |  |
| WALK-IN COOLER                                        |  |
| DESIGNATES WALLS & SHEATHING TO EXTEND TO DECK        |  |

Consultant:

**R/A**

**Red Architecture**

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Revisions:

Drawn:

JTH

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TC

Project No.

CMG1197

Contents:

ARCHITECTURAL  
FLOOR PLAN

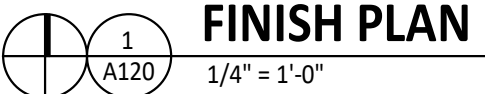
A110

|    |                                                                                                                                                                                                                |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 1-1/2" X 1-1/2" STAINLESS STEEL CORNER GUARDS TO 5'-0" AFF WITH 1-1/2" X 1-1/2" FRP CORNER TRIM ABOVE                                                                                                          |
| 2  | SCHLUTER-QUADEC METAL CORNER, REFER TO 10&11/A802 & 11/A801.                                                                                                                                                   |
| 3  | ALUMINUM ENDCAPS, REFER TO 12/A802. FOR WINDOWS, REFER TO 12&13/A802                                                                                                                                           |
| 4  | PROVIDE STAINLESS STEEL ON WALL TO 24" ABOVE TOP OF MOP SINK. FLASH BOTTOM EDGE OVER MOP SINK RIM. BEND STAINLESS STEEL AT INSIDE CORNER SO THERE IS NO JOINT, REFER TO 17/A801.                               |
| 5  | NOT USED                                                                                                                                                                                                       |
| 6  | COOLER WALL PANELS AS PROVIDED BY THE COOLER MANUFACTURER HAVE A 26-GAUGE COATED AND EMBOSSED STEEL FINISH.                                                                                                    |
| 7  | G.C. TO PROVIDE 18 GAUGE STAINLESS STEEL SHROUD AROUND EXPOSED LINES AT THE ICE MAKER.                                                                                                                         |
| 8  | PROVIDE WATERPROOFING MEMBRANE, REFER TO 4&5/A802. PROVIDE ON INTERIOR OF ALL RESTROOM WALLS, REFER TO 18/A801.                                                                                                |
| 9  | PROVIDE QUARRY TILE ON TOP OF CURB FOR SMART SAFE. PROVIDE BULLNOSE TILE TO LAP OVER TOP CUT EDGE OF BASE TILE, REFER TO SHEET 1/802. G.C. TO COORDINATE EXTENT OF QUARRY TILE WITH KES PRIOR TO INSTALLATION. |
| 10 | FRP CLOSURE AT COOLER AIR GAP, REFER TO 14/A801                                                                                                                                                                |
| 11 | NOT USED                                                                                                                                                                                                       |
| 12 | OUTSIDE CORNER GUARD BY TMS, REFER TO 13/A801                                                                                                                                                                  |
| 13 | ALIGN LOW EDGE OF RENO RAMP WITH FRONT EDGE OF EQUIPMENT CURB AND FACE OF ADJACENT WALL BASE FINISH                                                                                                            |
| 14 | NOT USED                                                                                                                                                                                                       |
| 15 | PROVIDE TOP CORNER AT TRANSITION FROM GYP BD CEILING TO FRP WALL REFER TO 9/A210                                                                                                                               |
| 16 | 4" PVC PIPE, WITH 2" HIGH CONCRETE INFILL FOR POWER STUB, TYP. OF TWO (2). REFER TO ELECTRICAL DRAWINGS                                                                                                        |
| 17 | CONCRETE CURB FOR EQUIPMENT, WITH QUARRY TILE BASE AT EXPOSED EDGES                                                                                                                                            |
| 18 | EXTENT OF QUARRY TILE FROM KITCHEN, ALIGN TILE WITH EDGE OF DOOR THRESHOLD                                                                                                                                     |
| 19 | EXTENT OF RESINOUS FLOORING FROM RESTROOM                                                                                                                                                                      |

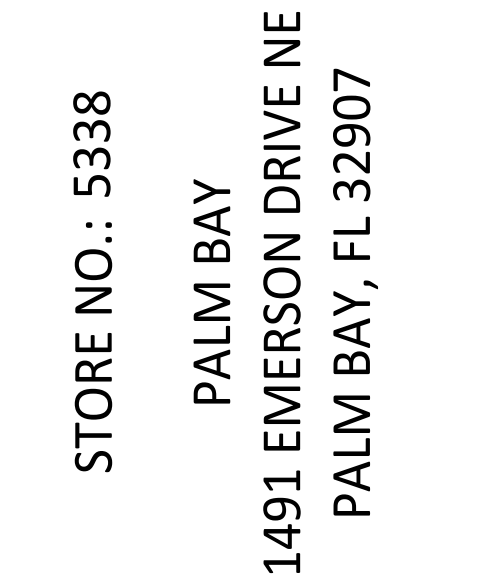
1. STONEWOOD WALL PANELS AND WAINSCOT PROVIDED BY TMS, INSTALL BY GC.
2. SPALTED MAPLE PANELS PROVIDED BY TMS, INSTALLED BY GC.
3. GC IS RESPONSIBLE FOR SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES).

| FLOOR FINISHES |                   | WALL BASE FINISHES |                        | WALL FINISHES |                                                            | CEILING/DECK FINISHES |                              | DOOR FINISHES |                        |
|----------------|-------------------|--------------------|------------------------|---------------|------------------------------------------------------------|-----------------------|------------------------------|---------------|------------------------|
| G.D. #         |                   | LGD. #             |                        | LGD. #        |                                                            | LGD. #                |                              | LGD. #        |                        |
| F1             | POLISHED CONCRETE | B1                 | BLACK RUBBER, COVELESS | P1            | PLYWOOD, VERTICAL GRAIN                                    | C1                    | OPEN TO STRUCTURE, UNPAINTED | D1            | PAINT "BLACK"          |
| F2             | QUARRY TILE       | B2                 | QUARRY TILE, COVE      | P2            | FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)  | C2                    | STONEWOOD                    | D2            | PAINT "KNIGHT'S ARMOR" |
| F3             | EXTERIOR CONCRETE | B3                 | BLACK RUBBER, COVE     | P3            | GYP BD; PAINT "THIN ICE", EGGSHELL, REFER TO A701 AND A710 | C3                    | GYP BD; PAINT "MOONLIT SNOW" |               |                        |
| F4             | SEALED CONCRETE   | B4                 | QUARRY TILE, COVELESS  | P4            | NOT USED                                                   | C4                    | 2X4 VINYL-FACED LAY-IN       |               |                        |
| F5             | RESINOUS FLOORING | B5                 | CERAMIC TILE           | P5            | CERAMIC TILE - WHITE                                       |                       |                              |               |                        |
|                |                   |                    |                        | P6            | FIBERGLASS REINFORCED PANELS (PEBBLED FINISH)              |                       |                              |               |                        |
|                |                   |                    |                        | P7            | NOT USED                                                   |                       |                              |               |                        |
|                |                   |                    |                        | P8            | CERAMIC TILE - BRONZE ACCENT 3" x 12"                      |                       |                              |               |                        |
|                |                   |                    |                        | P9            | SPALTED MAPLE WALL PANEL, HORIZONTAL GRAIN                 |                       |                              |               |                        |
|                |                   |                    |                        | P10           | EXISTING STOREFRONT                                        |                       |                              |               |                        |
|                |                   |                    |                        | P11           | STONEWOOD WALL PANEL                                       |                       |                              |               |                        |
|                |                   |                    |                        | P12           | EXISTING PREFINISHED BRAKE METAL                           |                       |                              |               |                        |

| ROOM # | ROOM NAME  | FLOOR FINISH | BASE FINISH | WALL FINISH                     | CEILING FINISH | CEILING HEIGHT          | REMARKS                                    |
|--------|------------|--------------|-------------|---------------------------------|----------------|-------------------------|--------------------------------------------|
| 100    | MAIN ENTRY | F1           | B1          | REFER TO PLAN FOR WALL FINISHES | C1             | STR                     | SEE SHEET A701 AND SPECIFICATION SHEETS    |
| 101    | DINING     | F1           | B1          |                                 | C1             | STR                     | SEE SHEET A701 AND SPECIFICATION SHEETS    |
| 102    | UTENSIL    | F1           | B1          |                                 | C2             | ±8'-1 3/4" / ±9'-1 3/4" | SEE SHEET A701 AND SPECIFICATION SHEETS    |
| 103    | PASSAGE    | F1           | B1          |                                 | C3             | 10'-0"                  | SEE SHEET A701 AND SPECIFICATION SHEETS    |
| 104    | POS        | F2           | B2/B4       |                                 | C3 /C4         | ±9'-0" / ±9'-4"         | SEE SHEET A702 AND SPECIFICATION SHEETS    |
| 105    | ORDERING   | F1           | B1/B4/B5    |                                 | C1/C3          | STR / ±9'-0"            | SEE SHEET A701 AND SPECIFICATION SHEETS    |
| 106    | SERVING    | F2           | B2          |                                 | C3             | ±9'-0"                  | SEE SHEET A702 AND SPECIFICATION SHEETS    |
| 107    | COOKING    | F2           | B2          |                                 | C3 /C4         | ±9'-0" / ±9'-4"         | SEE SHEET A702 AND SPECIFICATION SHEETS    |
| 108    | KITCHEN    | F2           | B2          |                                 | C4             | 10'-0"                  | SEE SHEET A702 AND SPECIFICATION SHEETS    |
| 109    | OFFICE     | F2           | B2          |                                 | C4             | 9'-0"                   | EXTEND SHEATHING TO STRUCTURE              |
| 110    | COOLER     | F2           | B2          |                                 | STR            | STR                     | CEILING HEIGHT & FINISHES PER MANUFACTURER |
| 111    | MEN        | F5           | B3          |                                 | C3             | 8'-0"                   | SEE SHEET A710 AND SPECIFICATION SHEETS    |
| 112    | WOMEN      | F5           | B3          |                                 | C3             | 8'-0"                   | SEE SHEET A710 AND SPECIFICATION SHEETS    |
| 113    | PATIO      | F3           | -           | -                               | -              | -                       |                                            |



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Project No.

CMG1197

# A120

## GENERAL NOTES

1. REFER TO SHEETS A131 AND A132 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
2. ALL DIMENSIONS ARE TO FACE OF FRAMING, EDGE OF EQUIPMENT OR CENTERLINE OF EQUIPMENT UNLESS NOTED OTHERWISE.
3. ALL FURNITURE TO BE SQUARE/PARALLEL TO TENANT SPACE/WALLS AS SHOWN ON PLANS

Consultant:

**R/A**

**Red Architecture**

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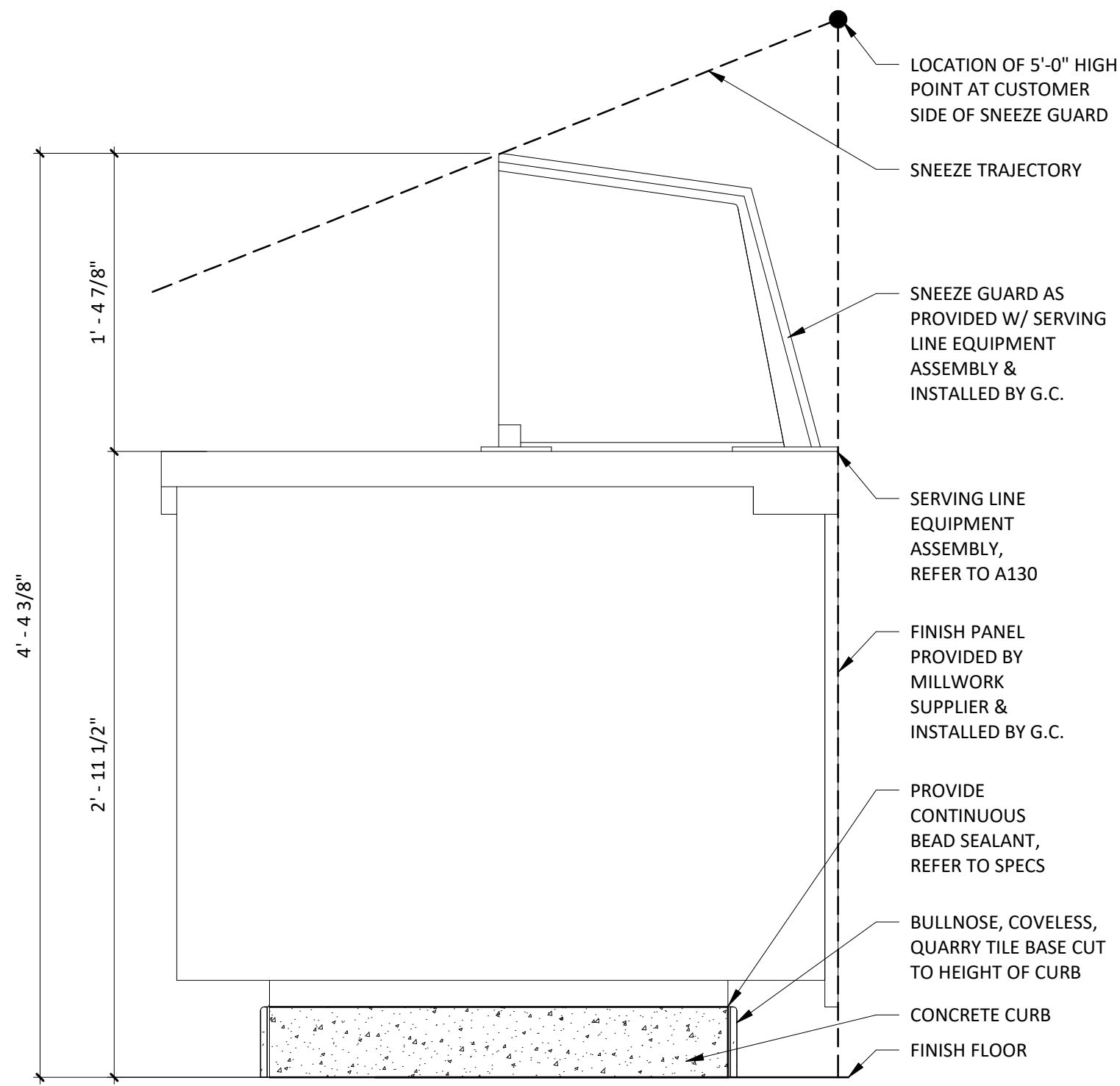
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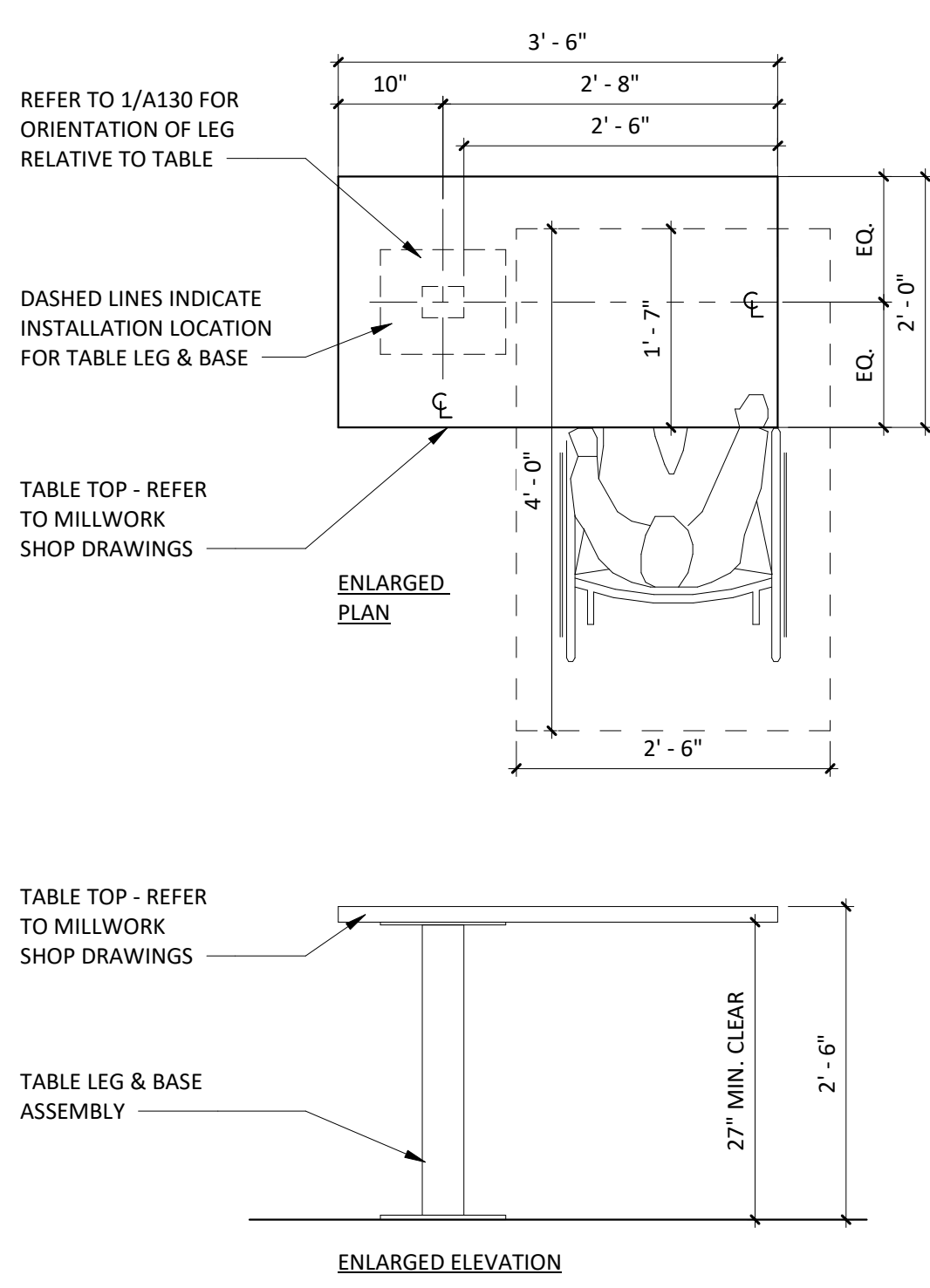
FF&E PLAN

A130



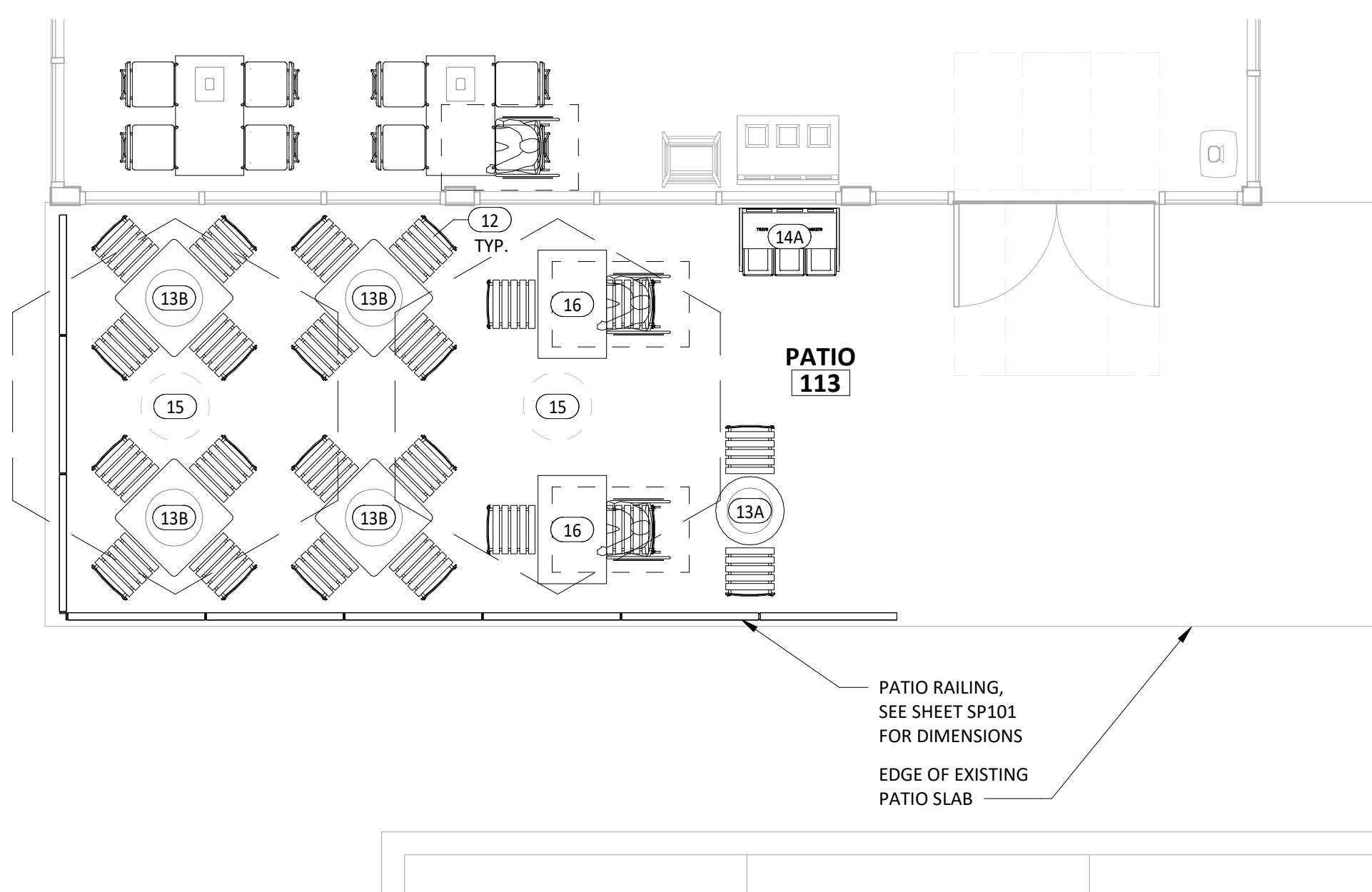
DETAIL @ SERVE LINE SNEEZE GUARD

4  
A130  
1 1/2" = 1'-0"



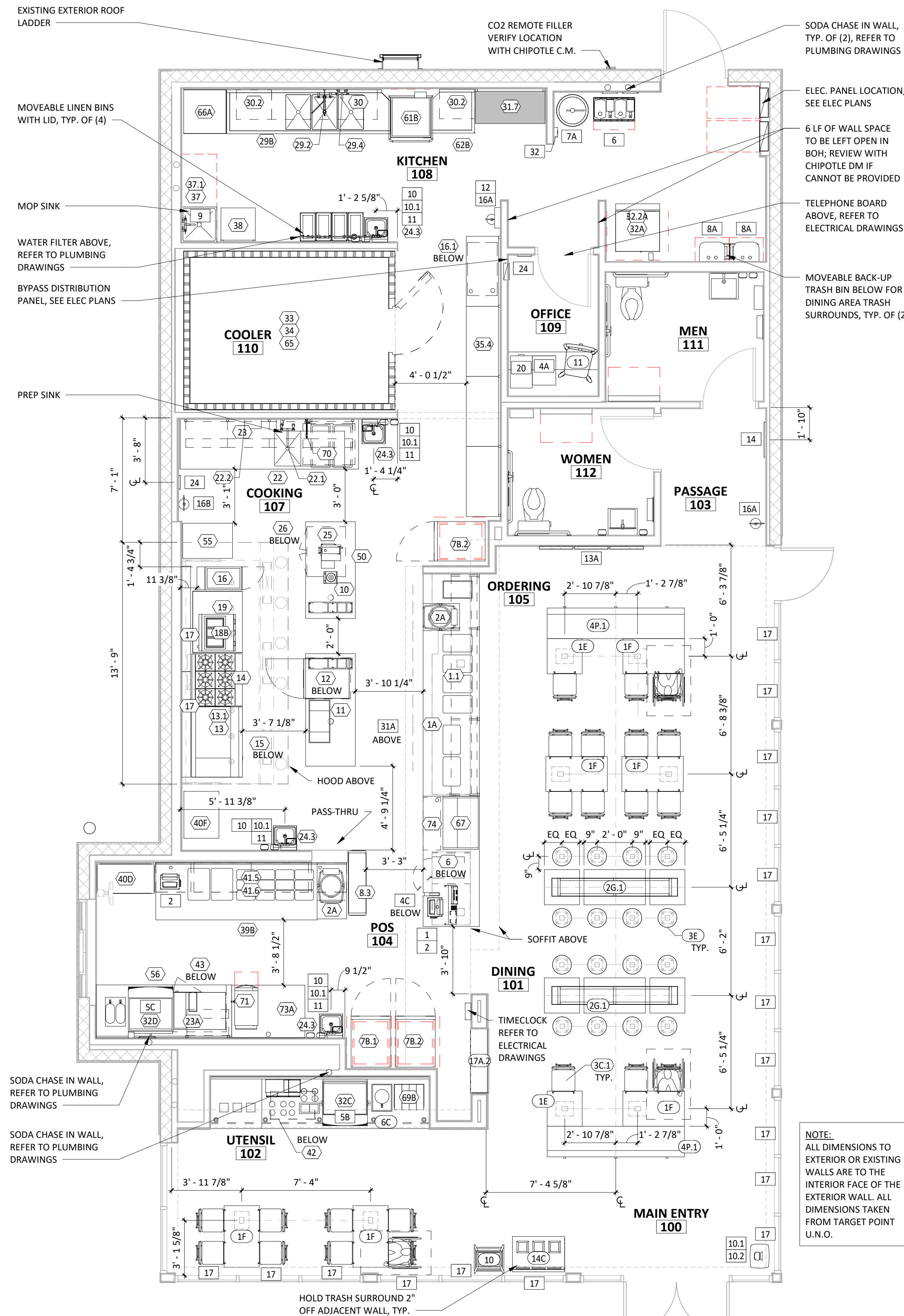
DETAIL @ ACCESSIBLE TABLE

3  
A130  
3/4" = 1'-0"



FURNITURE, FIXTURE & EQUIPMENT PATIO PLAN

2  
A130  
1/4" = 1'-0"



FURNITURE, FIXTURE & EQUIPMENT PLAN

1  
A130  
1/4" = 1'-0"

NOTE:  
ALL DIMENSIONS TO  
EXTERIOR OR EXISTING  
WALLS ARE TO THE  
INTERIOR FACE OF THE  
EXTERIOR WALL. ALL  
DIMENSIONS TAKEN  
FROM TARGET POINT  
U.N.O.



MISC. EQUIPMENT LIST

| TAG  | DESCRIPTION                                                     | QTY | SUPPLIED BY | INSTALLED BY | UTILITY |     |       |       | REMARKS                                                                                                                                                             |
|------|-----------------------------------------------------------------|-----|-------------|--------------|---------|-----|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                 |     |             |              | ELEC    | GAS | WATER | SEWER |                                                                                                                                                                     |
| 1    | Point of Sale Display                                           | 1   | TMS         | GC           |         |     |       |       | Installed at POS Station                                                                                                                                            |
| 2    | Point-Of-Sale System                                            | 2   | T           | TCC          |         |     |       |       | Coordinate Requirements With Tenant and Elec. Drawings                                                                                                              |
| 4A   | B-Rate (Standard Safe)                                          | 1   | TS          | GC           |         |     |       |       | Installed in Office                                                                                                                                                 |
| 4C   | Smart Safe                                                      | 1   | TSS         | TSS          | ●       |     |       |       | To Be Installed On Curb Under Serveline, Bolt to Curb Under Serveline POS                                                                                           |
| 5B   | Soda Dispenser - With Air-Cooled Ice Maker                      | 1   | SPS         | SPS          | ●       |     |       | ●     | Drain to Floor Sink, Tenant Millwork Supplier to Provide (2) Adjustable Legs to Support Dispenser From Under The Utensil Counter                                    |
| 5C   | Soda Dispenser - With Remote Air-Cooled Ice Maker               | 1   | SPS         | SPS          | ●       |     |       | ●     | Drain to Floor Sink, Tenant Millwork Supplier to Provide (2) Adjustable Legs to Support Dispenser From Under The Utensil Counter                                    |
| 6    | Soda System Syrup Rack with Carbonator on Stainless Steel Shelf | 1   | SPS         | SPS          | ●       |     | ●     |       |                                                                                                                                                                     |
| 7A   | Bulk CO2 Tank                                                   | 1   | CO2         | CO2          | ●       |     |       |       | GC To Secure Cylinders To Wall With Grade 30 Galvanized Steel Chain At 2/3 The Height Of The Cylinder. Attach To Wall With Stainless Steel Quick Link And Screw Eye |
| 8A   | Gas Tankless Water Heater                                       | 2   | GC          | GC           |         | ●   | ●     | ●     | Refer to MEP Drawings                                                                                                                                               |
| 9    | Mop Sink, See Plumbing Drawings                                 | 1   | GC          | GC           |         |     | ●     | ●     | See Plumbing Drawings                                                                                                                                               |
| 10   | Touch-Free Soap Dispenser                                       | 4   | WA          | GC           |         |     |       |       |                                                                                                                                                                     |
| 10.1 | Hand Sanitizer Dispenser                                        | 5   | WA          | GC           |         |     |       |       |                                                                                                                                                                     |
| 10.2 | Hand Sanitizer Stand                                            | 1   | WA          | GC           |         |     |       |       |                                                                                                                                                                     |
| 11   | Paper Towel Dispenser, Bobrick B262                             | 4   | WA          | GC           |         |     |       |       | Provide Plywood Blocking to Mount to Wall                                                                                                                           |
| 12   | First Aid Kit                                                   | 1   | T           | GC           |         |     |       |       | Confirm Location With Chipotle CM Prior To Installation                                                                                                             |
| 13A  | M4.0 - Artwork Panel - Plaster 2Hx, Start Pattern At Column 1   | 1   | TAS         | GC           |         |     |       |       | Provide Plywood Blocking to Mount to Wall                                                                                                                           |
| 14   | License Frame                                                   | 1   | T           | GC           |         |     |       |       | Provide Plywood Backing In Wall At License Frame Location, Refer To Arch. Floor Plans And Elevations For License Frame Location.                                    |
| 16A  | Fire Extinguisher Type ABC - B456                               | 2   | GC          | GC           |         |     |       |       | Mount in locations specified by the Fire Marshal. Provide plywood backing at specified locations.                                                                   |
| 16B  | Fire Extinguisher Type K                                        | 1   | GC          | GC           |         |     |       |       | Mount in locations specified by the Fire Marshal. Provide plywood backing at specified locations.                                                                   |
| 17   | Window Shades                                                   | 12  | WS          | WS           |         |     |       |       | See Sheet A130 For Location & Size (When Used)                                                                                                                      |
| 19   | Hat & Coat Strips (Not Shown)                                   | 1   | WA          | GC           |         |     |       |       | Provide Plywood Blocking to Mount to Wall                                                                                                                           |
| 20   | 2-Drawer File Cabinet, By Tenant                                | 1   | T           | T            |         |     |       |       | By Tenant                                                                                                                                                           |
| 24   | iPAD Wall Station                                               | 2   | T           | GC           | ●       |     |       |       | Tablet By Tenant, Refer to Electrical Drawings                                                                                                                      |
| 28   | Mop Strip (Not Shown)                                           | 1   | T           | GC           |         |     |       |       | Provide Plywood Backing To Mount To Wall, 2 Hole At Mop Basin and 6 Hole In Kitchen                                                                                 |
| 31A  | 21inx31in Menu System                                           | 1   | TMB         | GC           |         |     |       |       |                                                                                                                                                                     |
| 32   | CO2 Alarm                                                       | 1   | CO2AS       | GC           | ●       |     |       |       | Refer to Electrical Drawings for Additional Details                                                                                                                 |
| 33A  | M4.0 - Pick-Up Sign - Single Faced - Flush Mounted - Face       | 1   | TSV         | GC           |         |     |       |       |                                                                                                                                                                     |

FURNITURE LIST

| TAG   | DESCRIPTION                                             | QTY | SUPPLIED BY | INSTALLED BY | UTILITY |     |       |       | REMARKS                                                                                                                                                             |
|-------|---------------------------------------------------------|-----|-------------|--------------|---------|-----|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                         |     |             |              | ELEC    | GAS | WATER | SEWER |                                                                                                                                                                     |
| 1E    | M4.0 - Table 24x24in - Rectangular Base                 | 2   | TMS         | GC           |         |     |       |       |                                                                                                                                                                     |
| 1F    | M4.0 - Table 24x42in, Rectangular Base (Accessible)     | 6   | TMS         | GC           |         |     |       |       | See Detail On A130                                                                                                                                                  |
| 2G.1  | M4.0 - Bar Height Table 8-Top, With Footrest            | 2   | TMS         | GC           |         |     |       |       | One Coat Hook Per Two Seats, Confirm Mounting Location With Shop Drawings                                                                                           |
| 3C.1  | M4.0 - Dining Room Chair                                | 23  | TMS         | GC           |         |     |       |       |                                                                                                                                                                     |
| 3E    | M4.0 - Bar Stool - Fixed                                | 16  | TMS         | GC           |         |     |       |       | Align Seat With Seam Perpendicular To Table Edge                                                                                                                    |
| 4P.1  | Banquette Bench (Black) - Floor Mount                   | 2   | TMS         | GC           |         |     |       |       |                                                                                                                                                                     |
| 6C    | M4.0 - Beverage Counter - With Trash - 4" Splash - 149" | 1   | TMS         | GC           |         |     |       | ●     | Coordinate Floor Drain Installation with Utensil Counter Installation, Bins and Sign Hooks Provided by Tundra in Smallwares Package, Install Hooks on Back of Doors |
| 10    | Child's High Chair                                      | 1   | T           | GC           |         |     |       |       |                                                                                                                                                                     |
| 11    | Office Chair, By Tenant                                 | 1   | T           | T            |         |     |       |       | By Tenant                                                                                                                                                           |
| 12    | Patio Chair - Bistro                                    | 22  | KES         | GC           |         |     |       |       | Provided by EMU America, Contact: Carol Hughes (303-744-3200)                                                                                                       |
| 13A   | 24in Round Bistro Table                                 | 1   | KES         | GC           |         |     |       |       | Provided by EMU America, Contact: Carol Hughes (303-744-3200)                                                                                                       |
| 13B   | 30in Square Bistro Table                                | 4   | KES         | GC           |         |     |       |       | Provided by EMU America, Contact: Carol Hughes (303-744-3200)                                                                                                       |
| 14A   | 3 Bin Trash/Recycling Surround - Exterior               | 1   | TMS         | GC           |         |     |       |       | Bins Provided by Tundra in Smallwares Package                                                                                                                       |
| 14C   | M4.0 - 3 Bin Trash/Recycling Surround - Interior        | 1   | TMS         | GC           |         |     |       |       | Bins Provided by Tundra in Smallwares Package                                                                                                                       |
| 15    | Patio Umbrella                                          | 2   | KES         | GC           |         |     |       |       |                                                                                                                                                                     |
| 16    | Accessible Patio Table                                  | 2   | KES         | GC           |         |     |       |       | Provided by EMU America, Contact: Carol Hughes (303-744-3200)                                                                                                       |
| 17A.2 | MOPUS Shelving - 44"                                    | 1   | TMS         | GC           |         |     |       |       | GC To Provide Blocking In Walls At The Ends Of The MOPUS Shelf To Secure Shelves, Wood Edge Of The Shelves To Face The Dining Room                                  |

Consultant:



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Revisions:

|        |          |
|--------|----------|
| Drawn: | Checked: |
| JTH    | TC       |

Project No.  
CMG1197

Contents:  
EQUIP. & FURNITURE  
SCHEDULE

A132

NOTE: UTILITIES BY GC, REFER TO MECHANICAL DRAWINGS.

## GENERAL NOTES

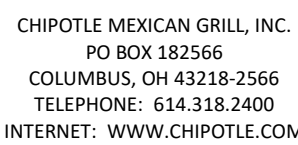
1. SEE STRUCTURAL DRAWINGS FOR LOCATIONS AND SIZE OF STRUCTURAL ROOF REINFORCEMENTS.
2. SEE MECHANICAL PLANS FOR ROOF TOP EQUIPMENT.
3. COORDINATE ALL ROOF PENETRATIONS, FLASHING, AND REPAIR W/ TENANT ROOF TOP EQUIPMENT PRIOR TO COMMENCEMENT OF WORK.
4. DIMENSIONS FOR ROOF TOP EQUIPMENT WITH CURBS IS TO THE OUTSIDE FACE OF THE CURB. DIMENSIONS FOR EQUIPMENT WITHOUT CURBS ARE TO THE CENTER OF THE UNIT. ALL DIMENSIONS ARE FOR REFERENCE ONLY. ROOFING CONTRACTOR TO ADJUST AS NECESSARY IN FIELD. CONTACT ENGINEERING CONSULTANTS FOR ANY MAJOR MODIFICATIONS TO LAYOUT.
5. JOISTS FOR SHELL BUILDING ARE TO BE DESIGNED FOR THE RTU WEIGHTS AND PLACEMENT EXHIBITED. IF LOCATION OR ORIENTATION OF A UNIT MUST CHANGE, NOTIFY ARCHITECT IMMEDIATELY.
6. SEE M700 FOR PENETRATION DETAILS AT RTUS AND THE EXHAUST FAN.
7. PROVIDE INSULATED CURBS FOR ALL EQUIPMENT IN EXPOSED DECK AREA ONLY.
8. PROVIDE TAPERED INSULATION CRICKET AT ALL EQUIPMENT CURBS.
9. LOCATE ALL CURBS SO DUCT DROPS BETWEEN TRUSS JOISTS. NOTIFY ARCHITECT IMMEDIATELY IF ANY UNITS NEED TO SHIFT FROM PLAN LOCATION SHOWN.

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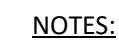
Revisions: \_\_\_\_\_

Project No.

CMG1197

## Contents

# A140



1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. USE PREFABRICATED OUTSIDE CORNERS.
4. INSULATION MUST BE SECURELY FASTENED.
5. \*GLASS - FACED POLYISO INSULATION IS OPTIONAL AND MAY NOT BE REQUIRED ON EVERY PROJECT IF INSULATION IS NOT REQUIRED, THE MEMBRANE MUST BE ADHERED TO AN APPROVED SURFACE.

3  
A140



1. WITH MECHANICALLY FASTENED OR BALLASTED SPECIFICATIONS, MEMBRANE MUST BE MECHANICALLY ATTACHED WITH 2" (50 mm) ANCHOR DISC AND ACCEPTABLE FASTENERS (MINIMUM OF 4 PER PIPE).
2. DO NOT OVERLAP THE FLANGES FROM ADJACENT PIPE FLASHINGS.
3. ANY SEAM UNDER BOOT FLANGE TO BE TREATED AS T-JOINT.
4. BOTH SURFACES TO BE MATED MUST BE CLEANED WITH TAPE PRIMER/WASH. EPDM TAPE PRIMER/WASH MUST BE COMPLETELY DRY AND TACK FREE BEFORE APPLYING EPDM LAP CEMENT.

2  
A140



---

1/4" = 1'-0"

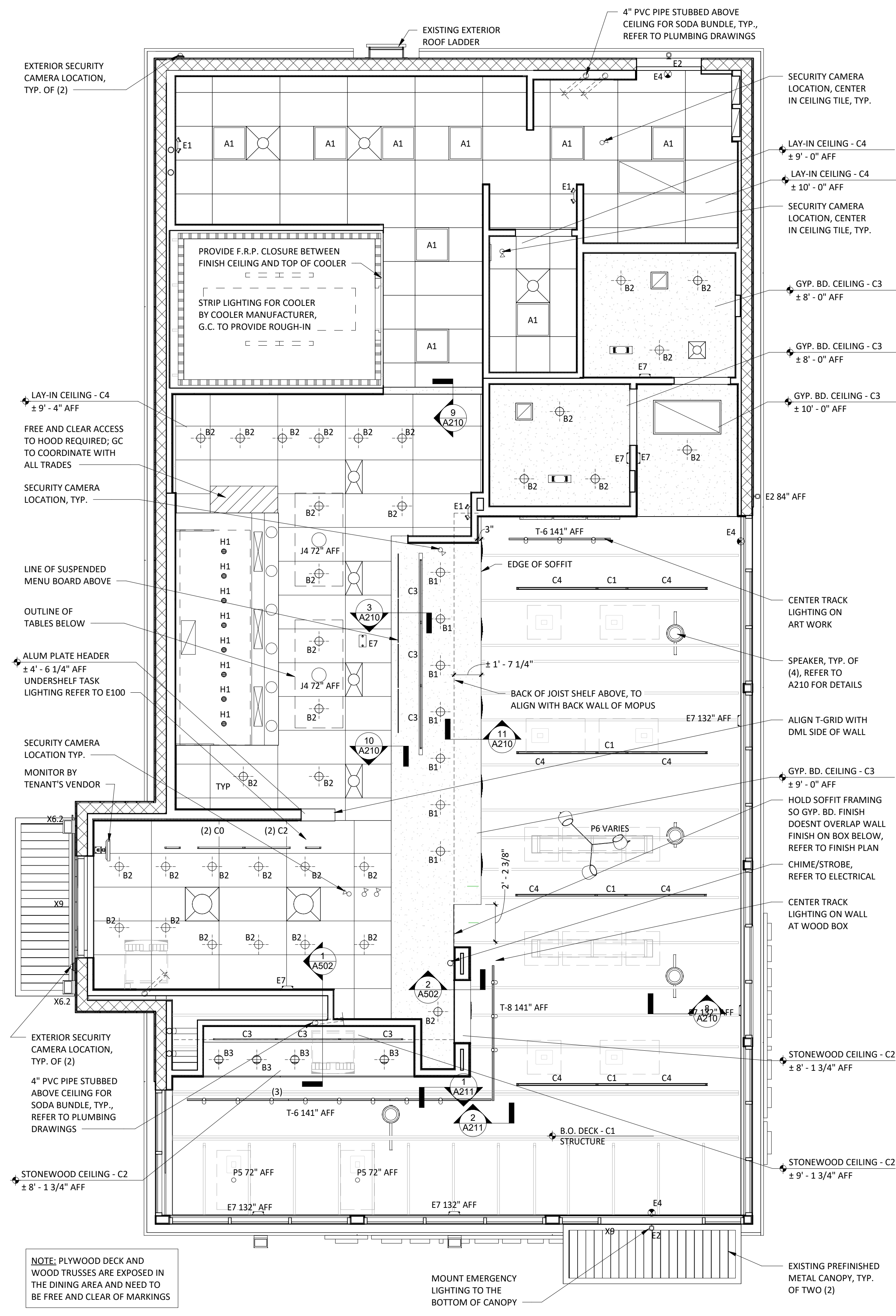
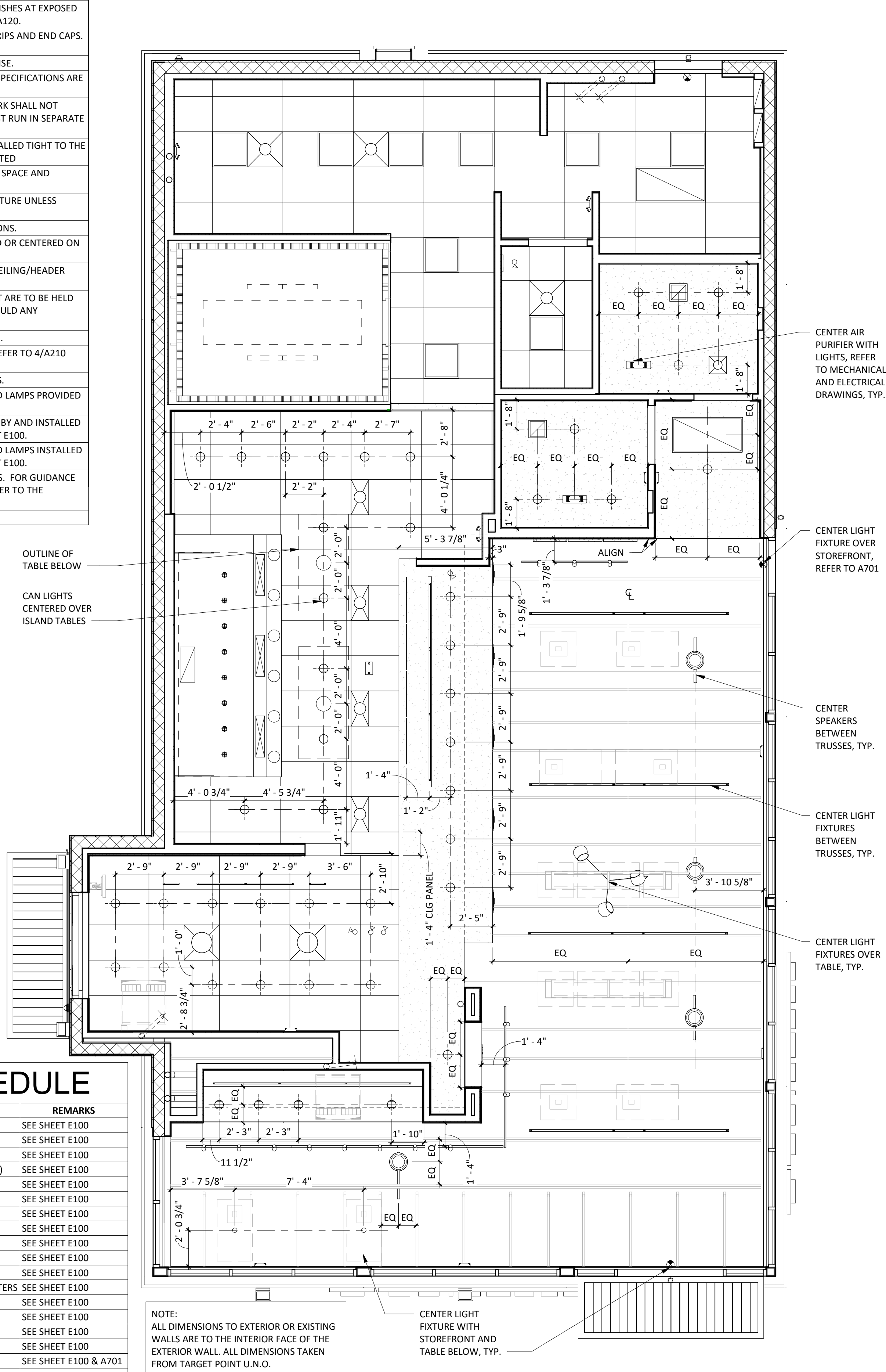
1. ALL INTERIOR LIGHT FIXTURES AND LAMPS PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER.
2. ALL INTERIOR LIGHT FIXTURES AND LAMPS INSTALLED BY GC. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
3. KITCHEN EXHAUST HOOD PROVIDED BY HS AND INSTALLED BY GC. GC TO COORDINATE PRESSURE TEST AND VIRO GUARD WITH ENVIROMATIC, INC.
4. ANSUL BOX & FIRE SUPPRESSION SYSTEM PROVIDED BY AND INSTALLED BY HS. HOOD INTERLOCK BY GC. ELECTRICAL CONNECTION BY GC, RE. ELEC.
5. MENU BOARD ASSEMBLY PROVIDED BY TMB, INSTALLED BY G.C.
6. PROVIDE BLOCKING ABOVE MENU BOARD ASSEMBLY FOR INSTALLATION.
7. REFER TO "09900 PAINTING - GENERAL" IN SPECIFICATIONS FOR FINISHES AT EXPOSED CEILING AREAS IN ADDITION TO NOTES LISTED ON THIS SHEET AND A120.
8. UNISTRUT TO BE LEFT UNPAINTED. PROVIDE MATCHING CLOSER STRIPS AND END CAPS. CLOSER STRIP TO BE APPLIED TO THE UNDERSIDE OF THE UNISTRUT.
9. ALL HEIGHTS ARE TO BOTTOM OF FIXTURE UNLESS NOTED OTHERWISE.
10. LIGHT DETAILS ARE LOCATED ON SHEET A210. FIXTURE AND LAMP SPECIFICATIONS ARE LOCATED ON E100.
11. ALL UNISTRUT SUPPORTING CEILING ELEMENTS AND/ OR DUCT WORK SHALL NOT CONTAIN ANY ELECTRICAL CONDUIT. ALL ELECTRICAL CONDUIT MUST RUN IN SEPARATE UNISTRUT.
12. ALL UNISTRUT, CONDUIT, SPRINKLER & WATER LINES SHALL BE INSTALLED TIGHT TO THE BOTTOM OF THE DECK OR AS SHOWN IN DETAILS AND LEFT UNPAINTED.
13. ALL WATER LINES AND EXPOSED PVC SHALL BE INSTALLED IN TRUSS SPACE AND PAINTED VICTORIAN PEWTER.
14. ALL DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
15. SEE ELECTRICAL DRAWINGS FOR SHATTER RESISTANT LAMP LOCATIONS.
16. ALL EMERGENCY FIXTURES, LIGHTS AND STROBES SHALL BE ALIGNED OR CENTERED ON WALLS.
17. FULL CERAMIC TILE COURSING SHALL TAKE PRECEDENT OVER ANY CEILING/HEADER DIMENSION INDICATED IN THE PLAN, REFER TO A120.
18. ALL CONDUIT AND PIPE PENETRATIONS OF THE SERVING LINE SOFFIT ARE TO BE HELD TIGHT TO THE DECK. PLEASE CONSULT WITH THE CHIPOTLE CM SHOULD ANY CONFLICTS ARISE.
19. BATT INSULATION TO BE INSTALLED ABOVE THE RESTROOM CEILING.
20. ALL LAY-IN CEILING PENETRATIONS TO BE HELD TIGHT TO WALLS. REFER TO 4/A210 AND PLUMBING DRAWINGS FOR DETAILS.
21. REFER TO STRUCTURAL DRAWINGS FOR HOOD SUSPENSION DETAILS.
22. ALL EXTERIOR BUILDING MOUNTED AND PATIO LIGHT FIXTURES AND LAMPS PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER, U.N.O.
23. ALL EXTERIOR PARKING LOT LIGHT FIXTURES AND LAMPS PROVIDED BY AND INSTALLED BY G.C. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
24. ALL EXTERIOR BUILDING MOUNTED AND PATIO LIGHT FIXTURES AND LAMPS INSTALLED BY G.C. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
25. SECURITY CAMERA LOCATIONS ARE ONLY APPROXIMATE LOCATIONS. FOR GUIDANCE ON THE SPECIFIC LOCATION/ORIENTATION OF THESE CAMERAS, REFER TO THE ENVYSION INSTALLATION GUIDE
26. REFER TO A120 FOR FINISH SCHEDULE

| DESCRIPTION                          | QTY | SUPPLIED<br>BY | INSTALLED<br>BY | ELEC | GAS | SEWER | WATER | REMARKS                                                                                                           |
|--------------------------------------|-----|----------------|-----------------|------|-----|-------|-------|-------------------------------------------------------------------------------------------------------------------|
| SECURITY MONITOR                     | 1   | \$\$\$         | \$\$\$          | ●    |     |       |       |                                                                                                                   |
| SECURITY ALARM - MOTION DETECTORS    | 1   | T.B.D.         | T.B.D.          | ●    |     |       |       | GC RESPONSIBLE FOR COORDINATING SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES ( GYP. BD. FINISHES) |
| 72 HR SECURITY DVR                   | 1   | \$\$\$         | \$\$\$          | ●    |     |       |       |                                                                                                                   |
| CLOSED CIRCUIT T.V. CAMERA - OUTDOOR | 2   | \$\$\$         | \$\$\$          | ●    |     |       |       | INSTALL AT 9'-6" U.N.O.                                                                                           |
| CLOSED CIRCUIT T.V. CAMERA - INDOOR  | 6   | \$\$\$         | \$\$\$          | ●    |     |       |       |                                                                                                                   |

SEE ELECTRICAL DRAWINGS FOR CONDUIT REQUIREMENTS. METAL CLAD CABLE AND FLEXIBLE METAL CONDUIT SHALL NOT BE INSTALLED IN AREAS EXPOSED TO VIEW UNLESS SPECIFICALLY NOTED OTHERWISE.

| ITEM # | QTY | DESCRIPTION         | COLOR/FINISH | MOUNT     | REMARKS                          |
|--------|-----|---------------------|--------------|-----------|----------------------------------|
| SP1    | 4   | DINING ROOM SPEAKER | BLACK        | SUSPENDED | REFER TO A201 & E110 FOR DETAILS |

| ITEM # | QTY | MOUNT     | DESCRIPTION                             | REMARKS          |
|--------|-----|-----------|-----------------------------------------|------------------|
| A1     | 9   | LAY-IN    | 2x2 LENSED TROFFER                      | SEE SHEET E100   |
| B1     | 7   | CEILING   | RECESSED 6IN CAN LIGHT                  | SEE SHEET E100   |
| B2     | 33  | CEILING   | RECESSED 6IN CAN LIGHT                  | SEE SHEET E100   |
| B3     | 4   | CEILING   | M4.0 - RECESSED 6IN CAN LIGHT (BLACK)   | SEE SHEET E100   |
| C0     | 2   | SURFACE   | LOW PROFILE LED 1FT                     | SEE SHEET E100   |
| C1     | 4   | SURFACE   | LOW PROFILE LED 2FT                     | SEE SHEET E100   |
| C2     | 2   | SURFACE   | LOW PROFILE LED 3FT                     | SEE SHEET E100   |
| C3     | 6   | SURFACE   | LOW PROFILE LED 4FT                     | SEE SHEET E100   |
| C4     | 8   | SURFACE   | LOW PROFILE LED 5FT                     | SEE SHEET E100   |
| E1     | 3   | VARIOUS   | EMERGENCY LIGHT - DUAL HEAD             | SEE SHEET E100   |
| E2     | 3   | VARIOUS   | EMERGENCY LIGHT - SINGLE HEAD           | SEE SHEET E100   |
| E4     | 3   | VARIOUS   | WHITE EXIT LIGHT - STANDARD RED LETTERS | SEE SHEET E100   |
| E7     | 9   | VARIOUS   | EMERGENCY LIGHT - DUAL HEAD             | SEE SHEET E100   |
| H1     | 8   | SURFACE   | VAPOR PROOF HOOD LIGHT                  | SEE SHEET E100   |
| J4     | 2   | PENDANT   | M4.0 - PENDANT LIGHT                    | SEE SHEET E100   |
| P5     | 2   | PENDANT   | M4.0 - PENDANT LIGHT                    | SEE SHEET E100   |
| P6     | 1   | PENDANT   | M4.0 - MULTI-PENDANT LIGHT              | SEE SHEET E100 & |
| T1     | 14  | TRACK     | TRACK LIGHTING HEAD                     | SEE SHEET E100   |
| T-6    | 4   | SUSPENDED | M4.0 - 'TRACK 6'                        | SEE SHEET E100   |
| T-8    | 1   | SUSPENDED | M4.0 - 'TRACK 8'                        | SEE SHEET E100   |
| X6.2   | 4   | WALL      | EXISTING WALL PACK                      | SEE SHEET E100   |
| X9     | 2   | SURFACE   | EXISTING LED CHANNEL LIGHT              | SEE SHEET E100   |

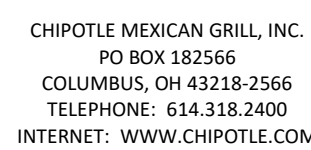


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| <u>01/24/2025</u> | <u>CONSTRUCTION SET</u> |

Revisions:

Drawn: JTH      Checked: TC

Project No. \_\_\_\_\_

Contents:

REFLECTED CEILING  
PLAN

A201

REFER TO A201 FOR GENERAL NOTES

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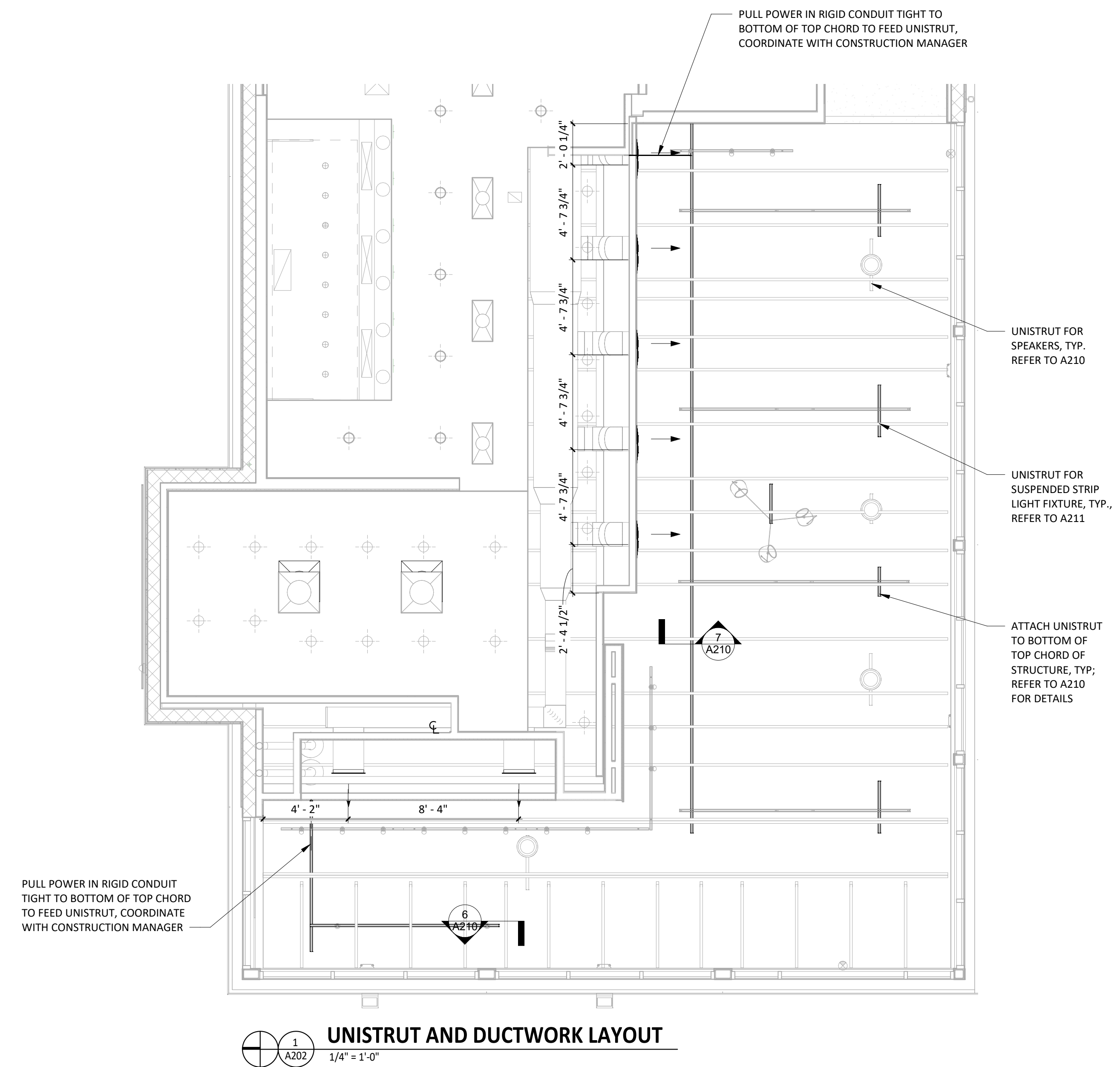
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| TH     | TC       |

project No.  
CMG1197

## Contents:

REFLECTED CEILING  
& UNISTRUT PLAN

# A202





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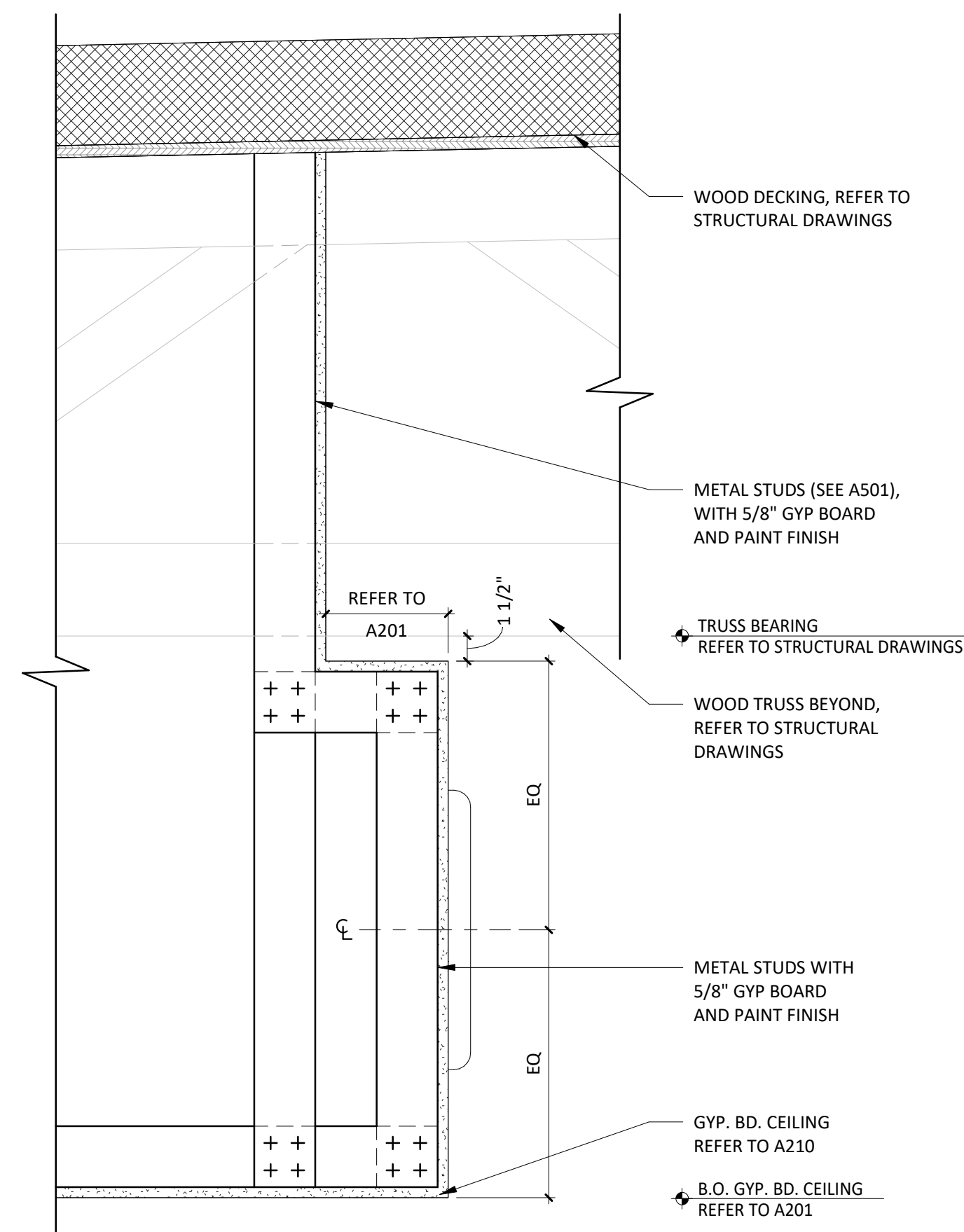
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| ITH    | TC       |

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CMG1197

Contents:

## CEILING DETAILS

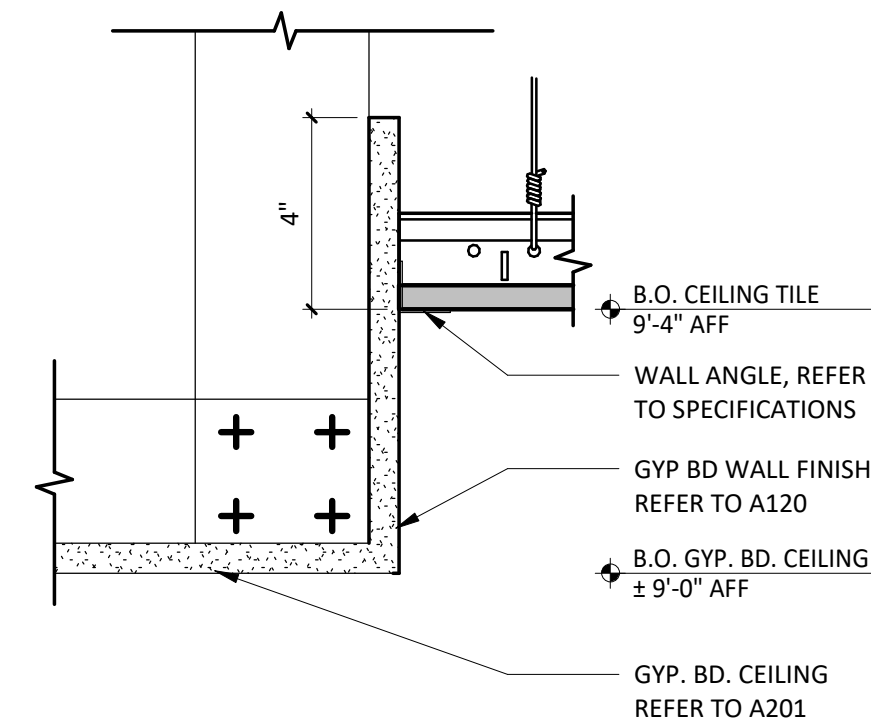
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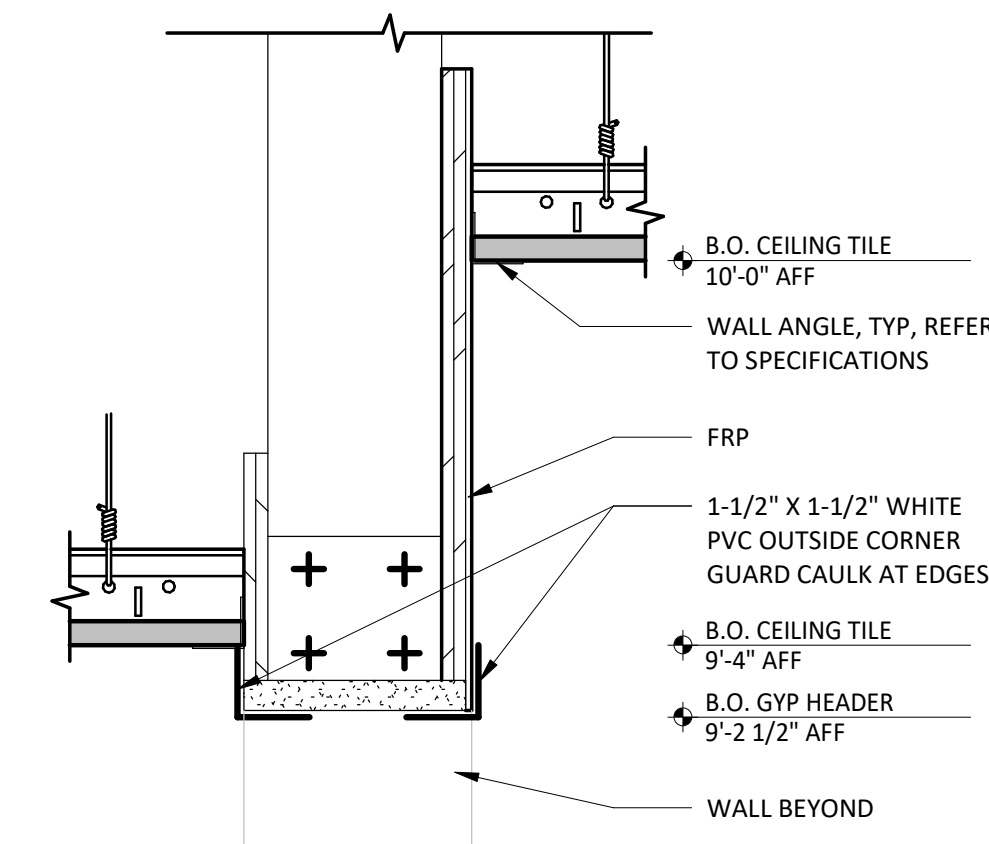
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A210

**JOIST SHELF DETAIL**

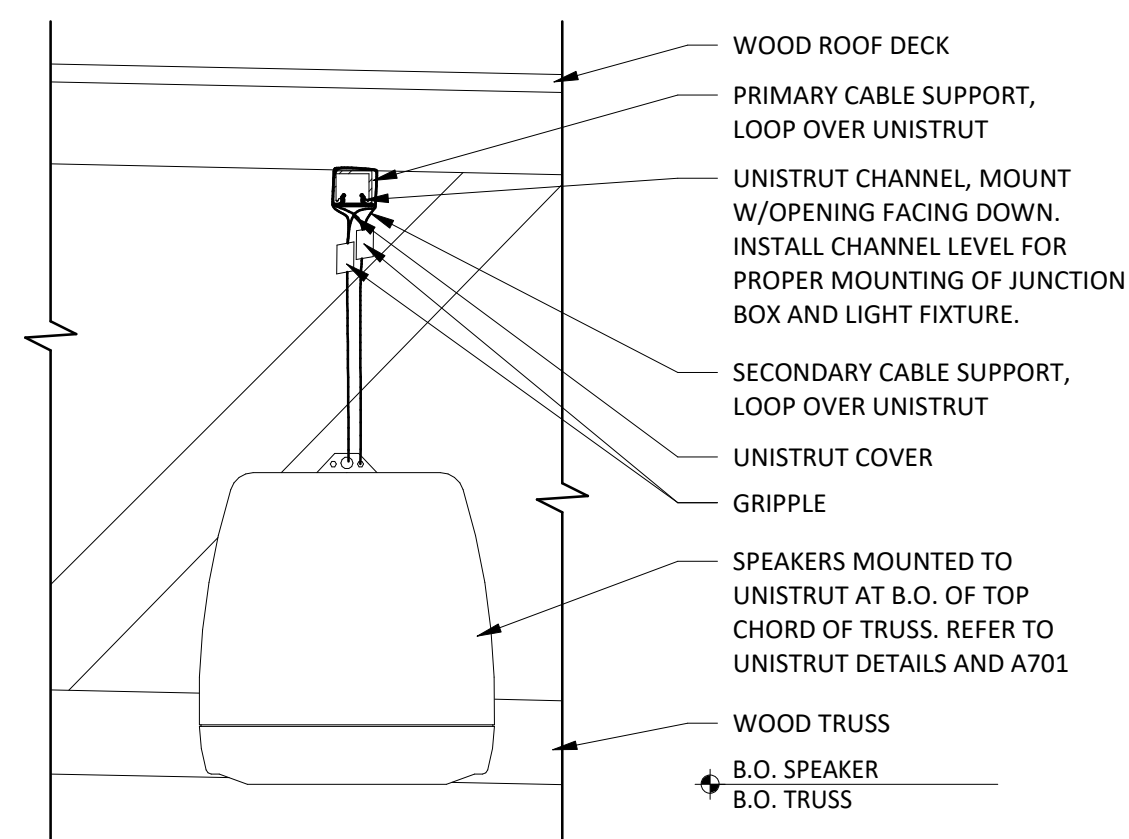
1 1/2" = 1'-0"



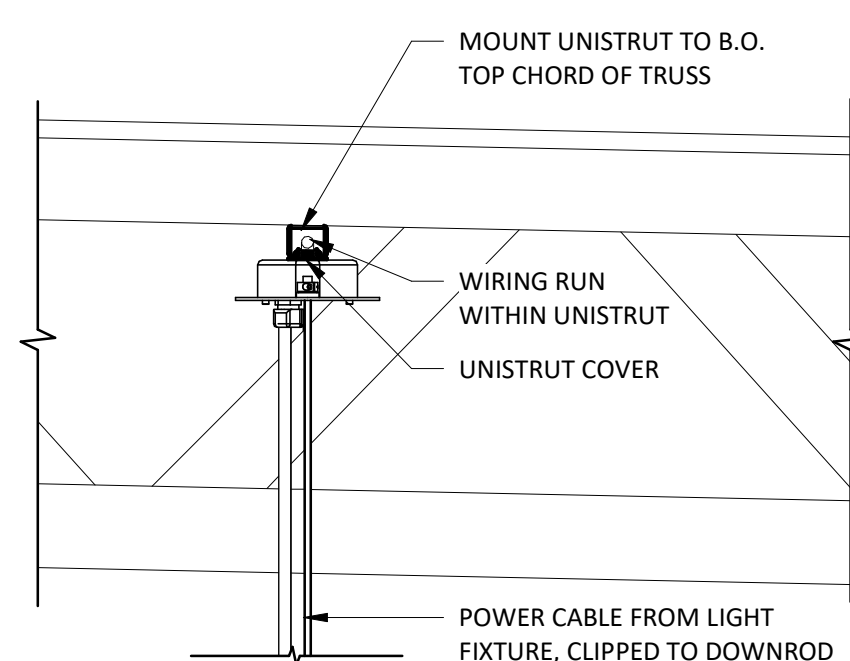
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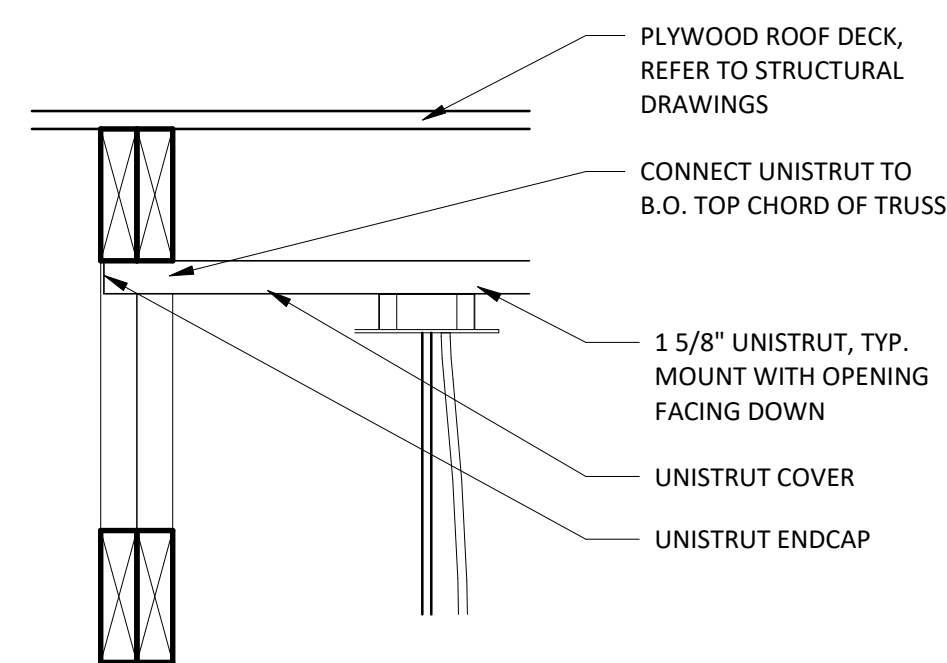
**KITCHEN CEILING TRANSITION**



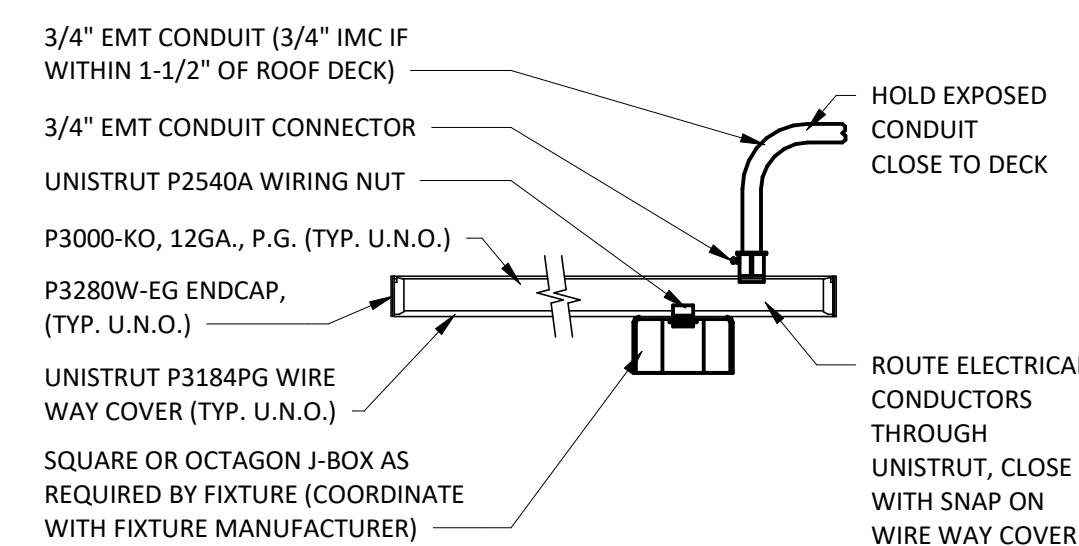
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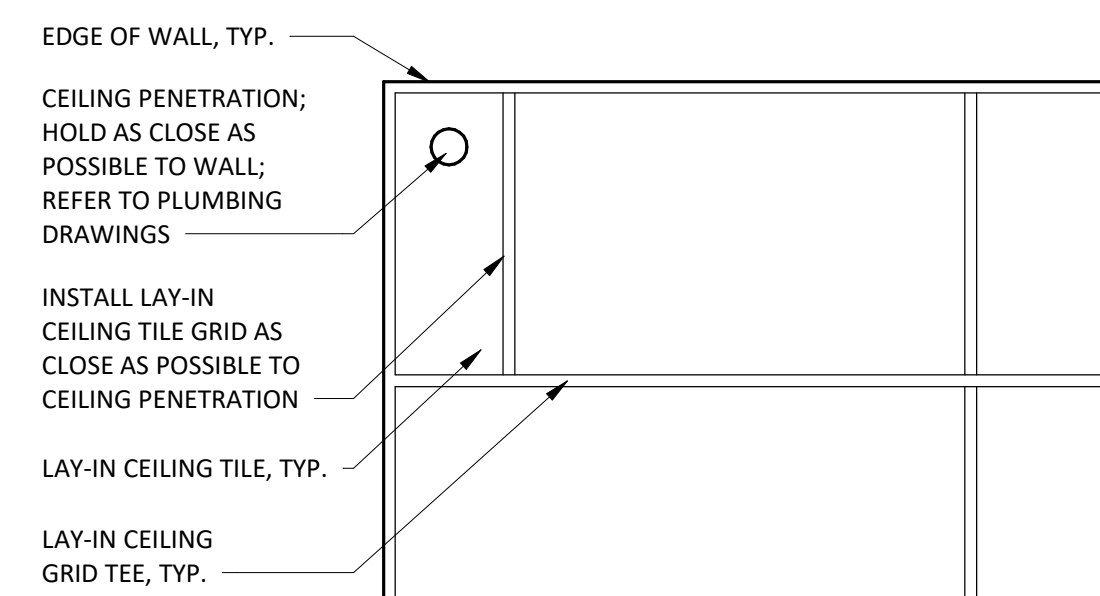
**UNISTRUT DETAIL**



**6**  
A210 **TYP. UNISTRUT MOUNTING DETAIL**  
1 1/2" = 1'-0"



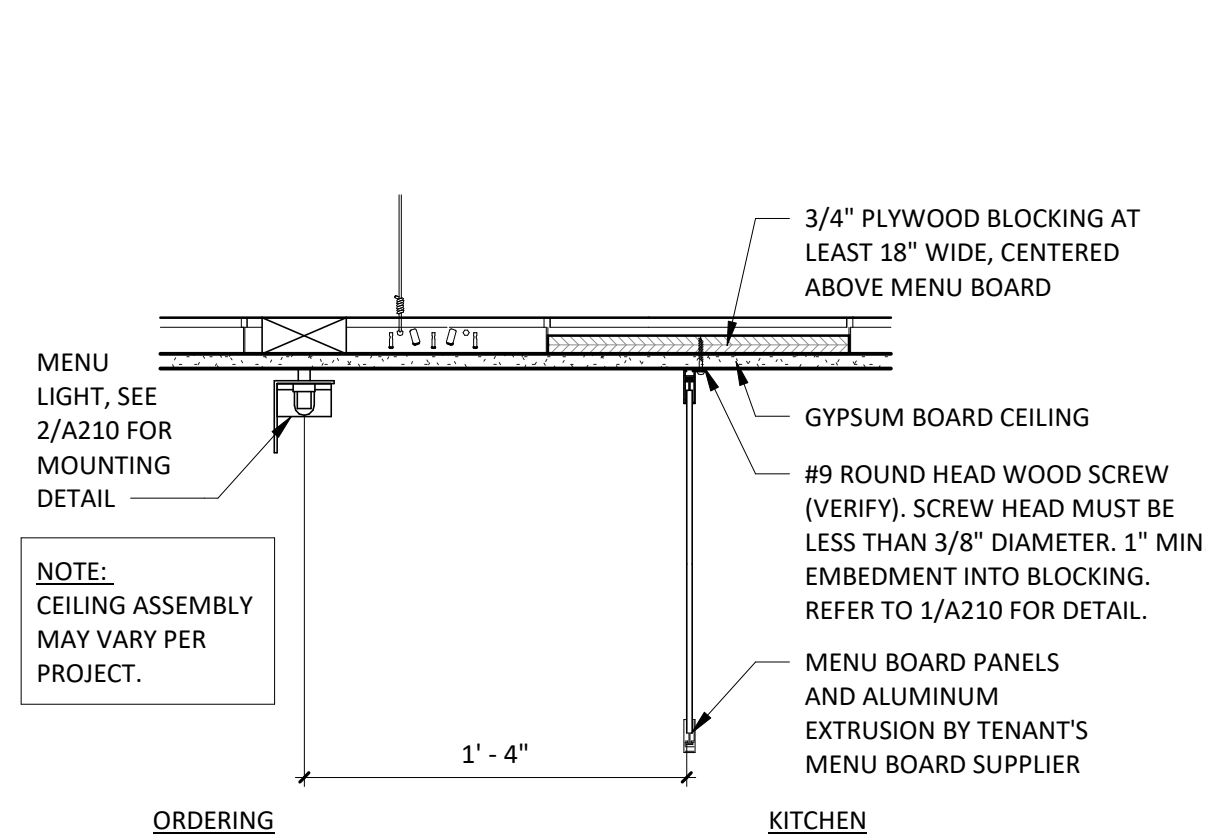
## 5 UNISTRUT MOUNTING DETAIL



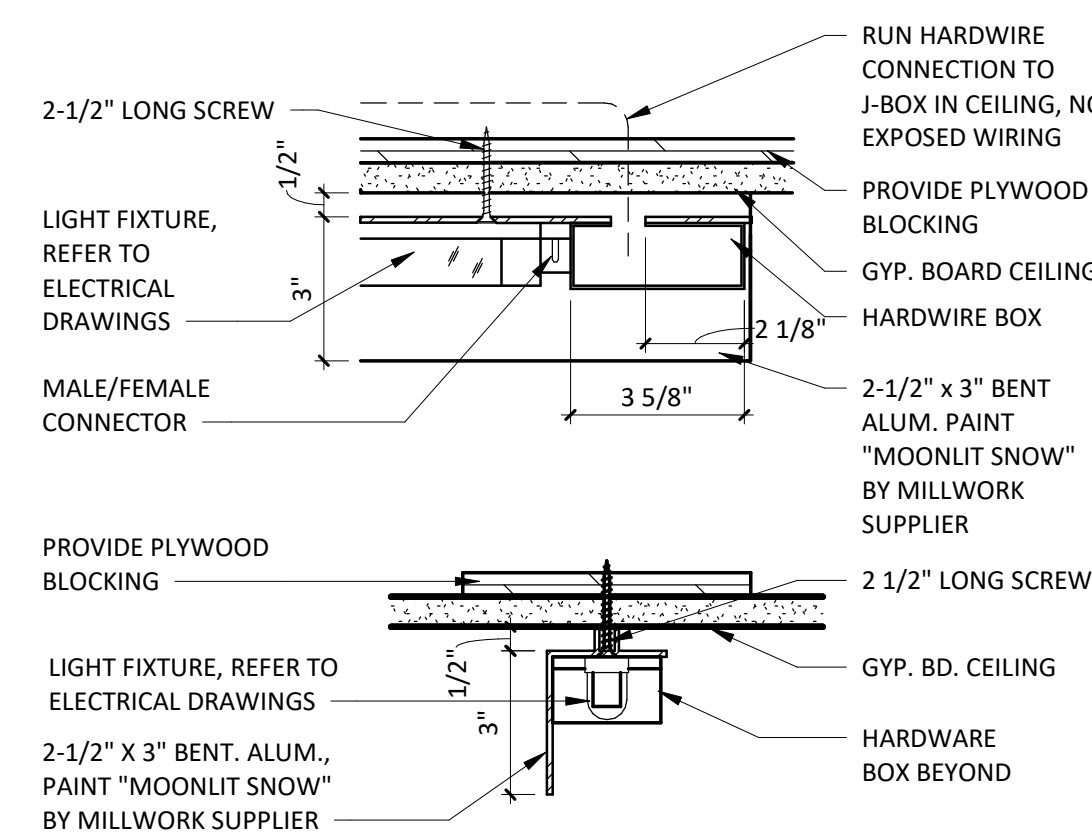
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A210

**LAY-IN CEILING PENETRATION - PLAN DETAIL**

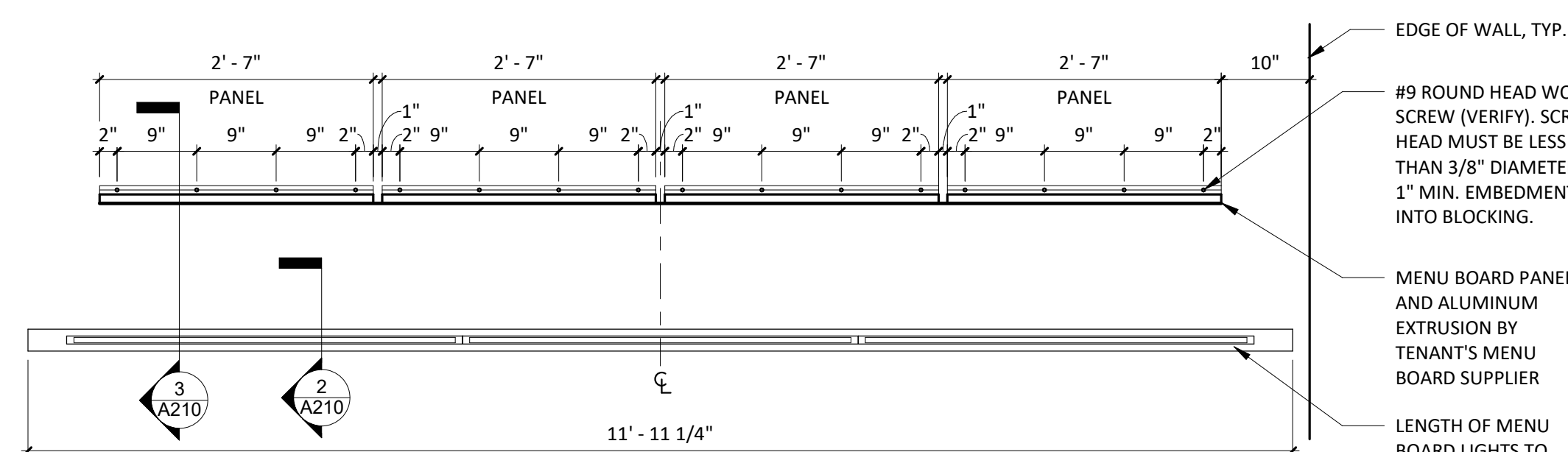
3/4" = 1'-0"



**MENU BOARD DETAIL**



**MENU BOARD / ACCENT LIGHT DETAILS**



 **MENU - SCREW PATTERN PLAN**  
A210  $3/4" = 1'-0"$



## GENERAL NOTES

1. REFER TO EXTERIOR ELEVATIONS THIS SHEET FOR EXTERIOR SIGNAGE LOCATIONS, SIZES & DESCRIPTIONS.
2. EXTERIOR SIGNAGE PROVIDED BY TSV AND INSTALLED BY TSV. GC TO MAKE FINAL CONNECTION.

Consultant:

**R/A**

**RedArchitecture**

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TC

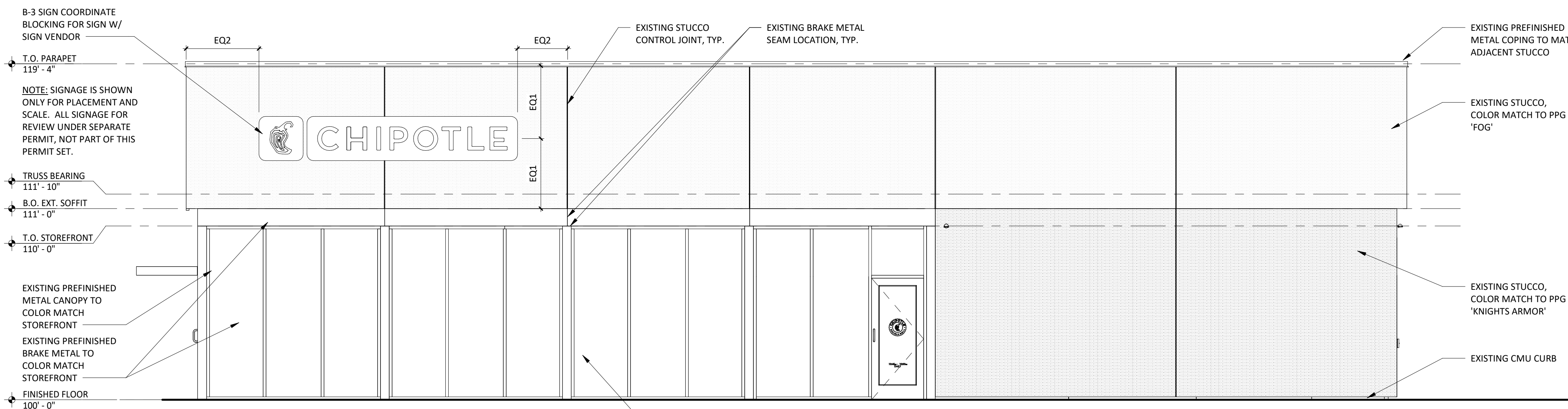
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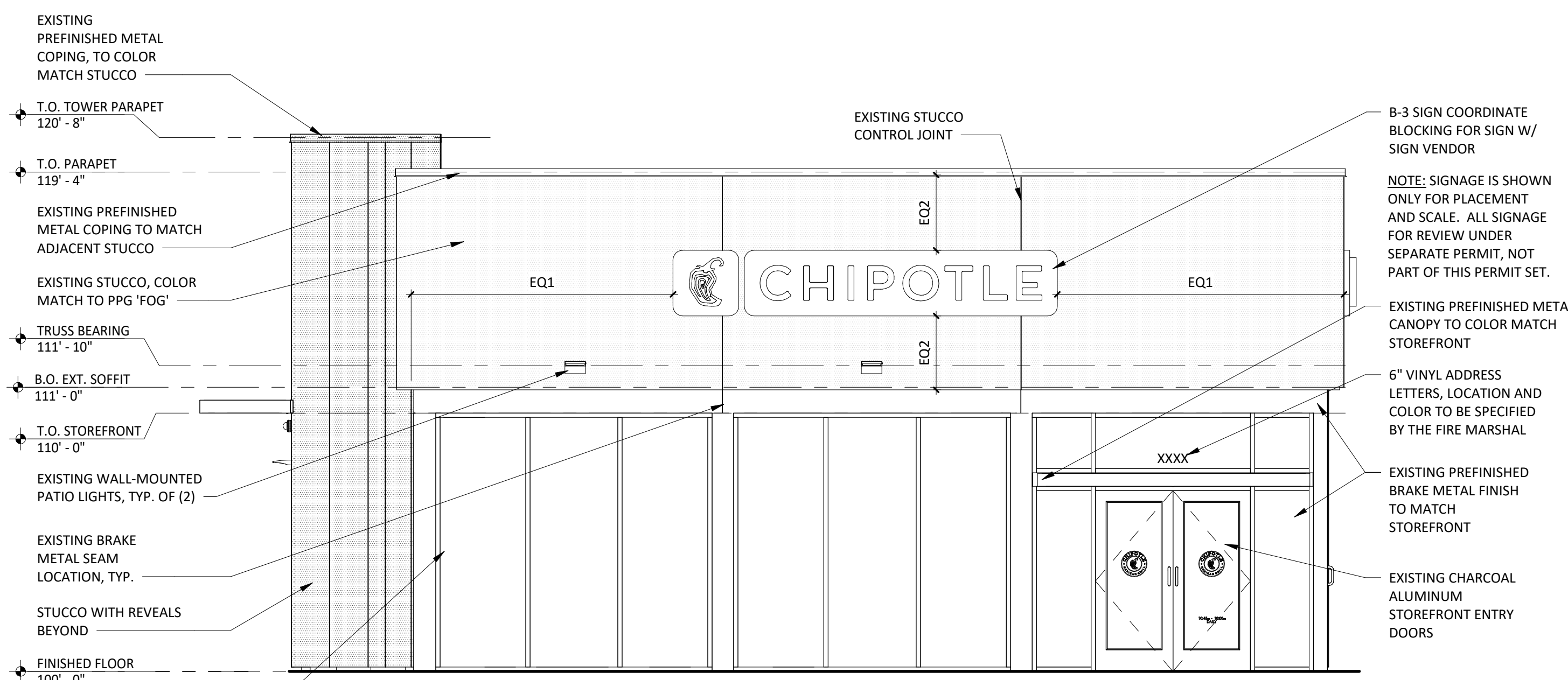
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EXTERIOR  
ELEVATIONS

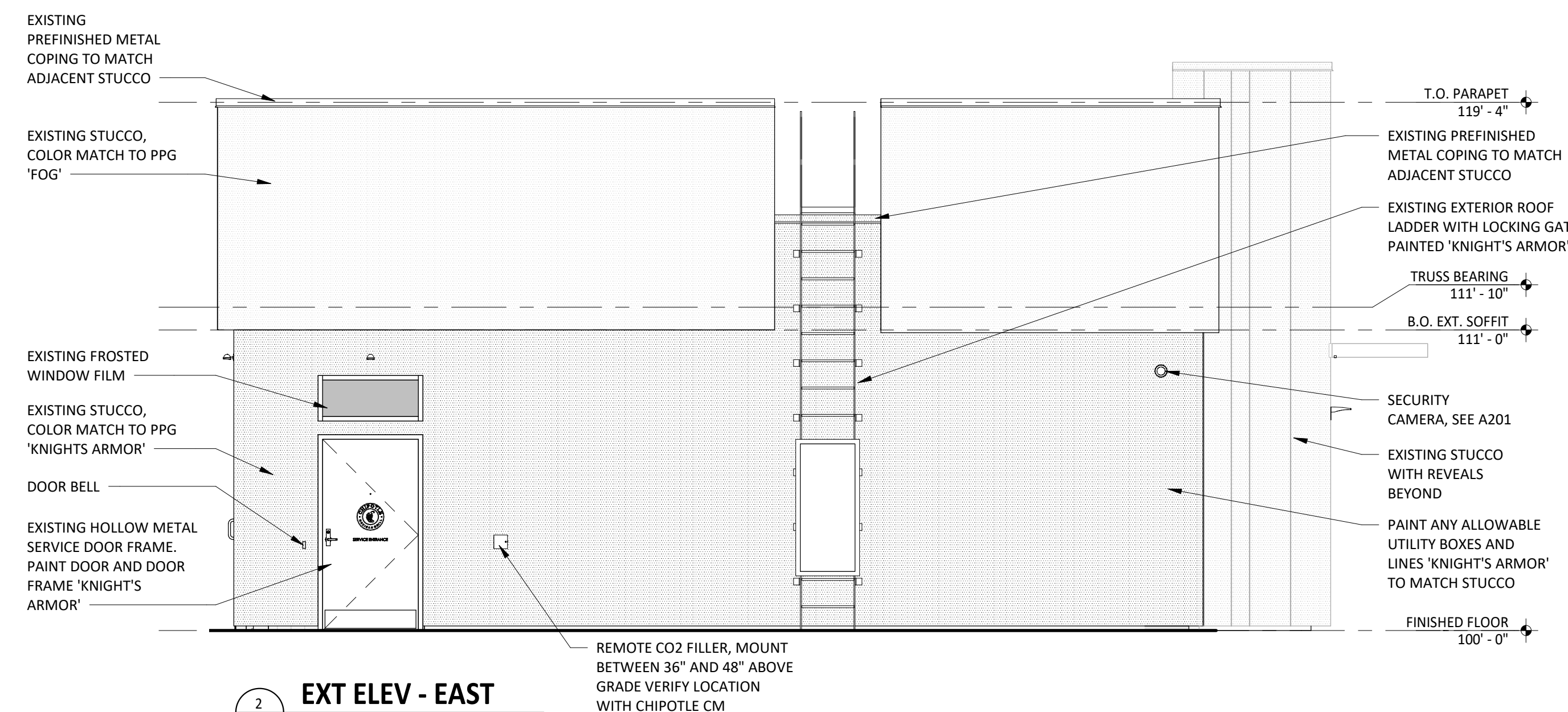
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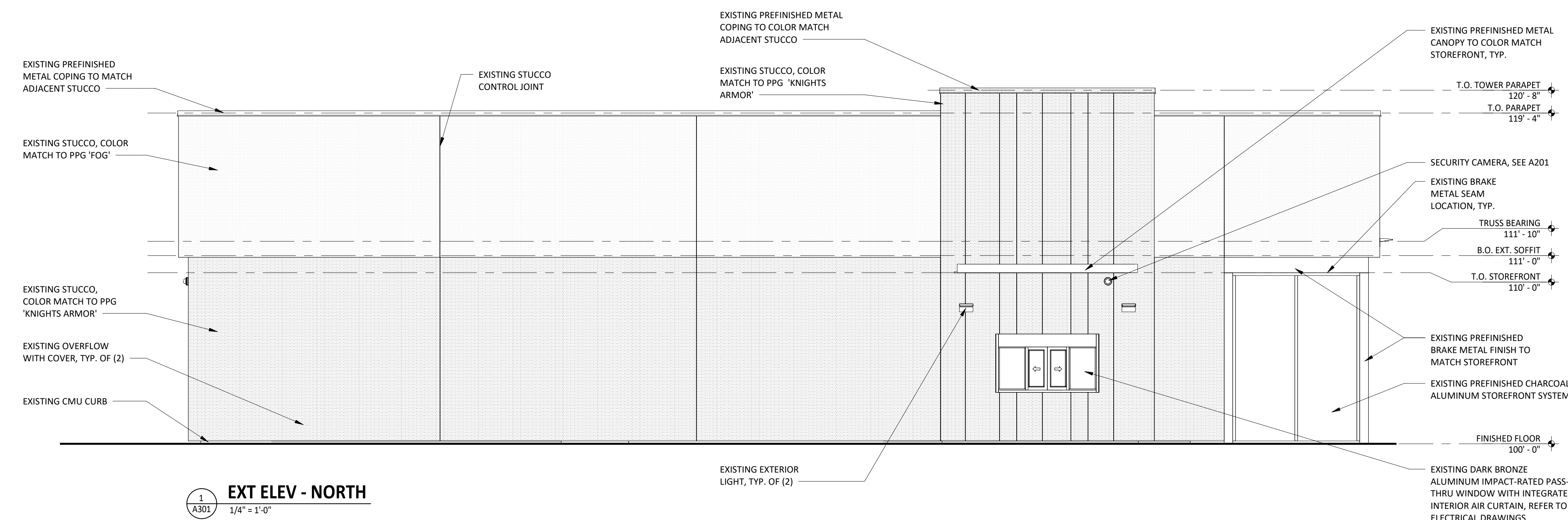
4  
A301  
EXT ELEV - SOUTH  
1/4" = 1'-0"



3  
A301  
EXT ELEV - WEST  
1/4" = 1'-0"



2  
A301  
EXT ELEV - EAST  
1/4" = 1'-0"



1  
A301  
EXT ELEV - NORTH  
1/4" = 1'-0"



1. G.C. SHALL PROVIDE SOLID BLKG. IN WALLS AS NEEDED
2. REFER TO ARCHITECTURAL FLOOR PLAN FOR ALL STUD SIZES
3. REFER TO A120 FOR ALL WALL FINISHES



REFER TO FINISH SCHEDULE AND CERAMIC TILE WALL FINISHES KEY PLAN ON SHEET A120 FOR WALL FINISHES, REFER TO FLOOR PLAN ON A110 FOR METAL STUD SIZE.

| SIZE/TYPE  | W/O HUNG SHELIVING | W/ HUNG SHELIVING |
|------------|--------------------|-------------------|
| 362S125-18 | UP TO 12'-0"       |                   |
| 362S137-33 | UP TO 16'-0"       | UP TO 12'-0"      |
| 600S137-33 | UP TO 22'-0"       | UP TO 16'-0"      |
| 600S162-43 | UP TO 26'-0"       | UP TO 22'-0"      |

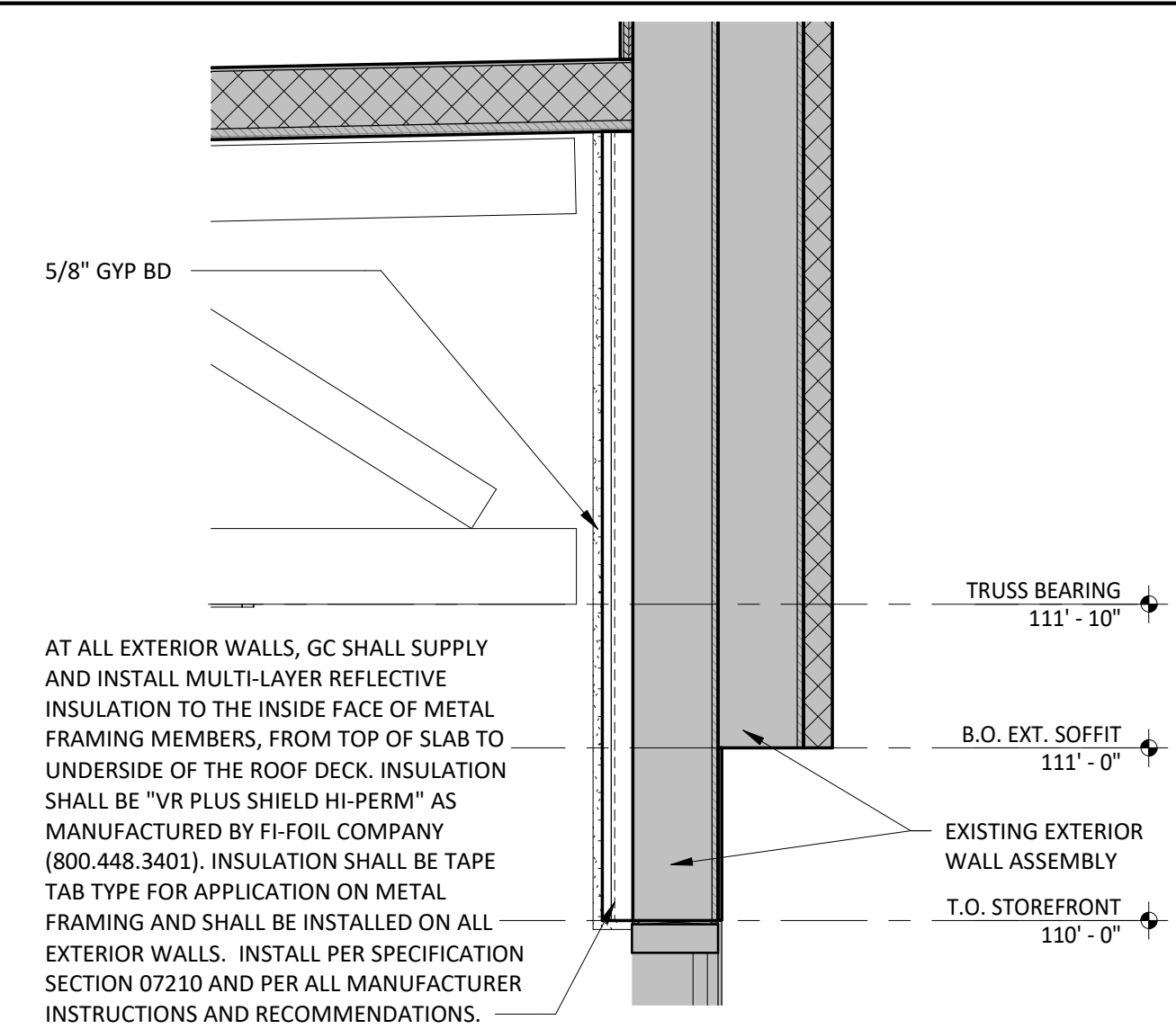
- |    |                                         |
|----|-----------------------------------------|
| 1. | ALL HEIGHTS REFER TO UN-BRACED HEIGHTS. |
| 2. | ALL HEIGHTS BASED ON 16" O.C. SPACING.  |
| 3. | BOTTOM TRACK TO BE SAME GAUGE AS STUD   |
| 4. | TOP TRACK TO BE ONE GAUGE HIGHER.       |

|    |                                                                                                                                                                                                                         |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | ALL METAL STUDS TO CONFORM TO LOCAL BUILDING CODES.                                                                                                                                                                     |
| 2. | ALL STUD WALLS AND PARTITIONS REQUIRE GYP. BOARD ON BOTH SIDES FOR THE FULL HEIGHT OF THE STUDS UNLESS SPECIFICALLY DETAILED OTHERWISE.                                                                                 |
| 3. | ALL SUSPENDED WALLS SHALL HAVE GYP. BOARD WHICH EXTENDS 4" ABOVE THE SUSPENDED CEILING UNLESS SHOWN AND/OR NOTED OTHERWISE BY THE ARCHITECT.                                                                            |
| 4. | FIRE RETARDANT PLYWOOD MAY SUBSTITUTE FOR GYP. BOARD WHERE SO DIRECTED BY THE ARCHITECT.                                                                                                                                |
| 5. | ALL STUD WALLS AND PARTITIONS SHALL HAVE CONTINUOUS LINES OF BRIDGING SPACED AT 4'-0" MAXIMUM ON CENTER. THE BRIDGING SHALL BE SECURELY FASTENED TO THE STUDS WITH EITHER SCREWS OR WELDS. REFER TO DETAILS THIS SHEET. |
| 6. | ALL STUDS SHALL BE "CEE" STUDS WITH FLANGE STIFFENERS.                                                                                                                                                                  |
| 7. | THE MATERIALS AND DETAILS SHOWN ARE FOR TYPICAL INSTALLATIONS. WHERE THE STUD MANUFACTURER'S RECOMMENDATIONS OR LOCAL ORDINANCES ARE MORE RESTRICTIVE, THEY SHALL APPLY.                                                |
| 8. | TYPICAL FASTENER:                                                                                                                                                                                                       |

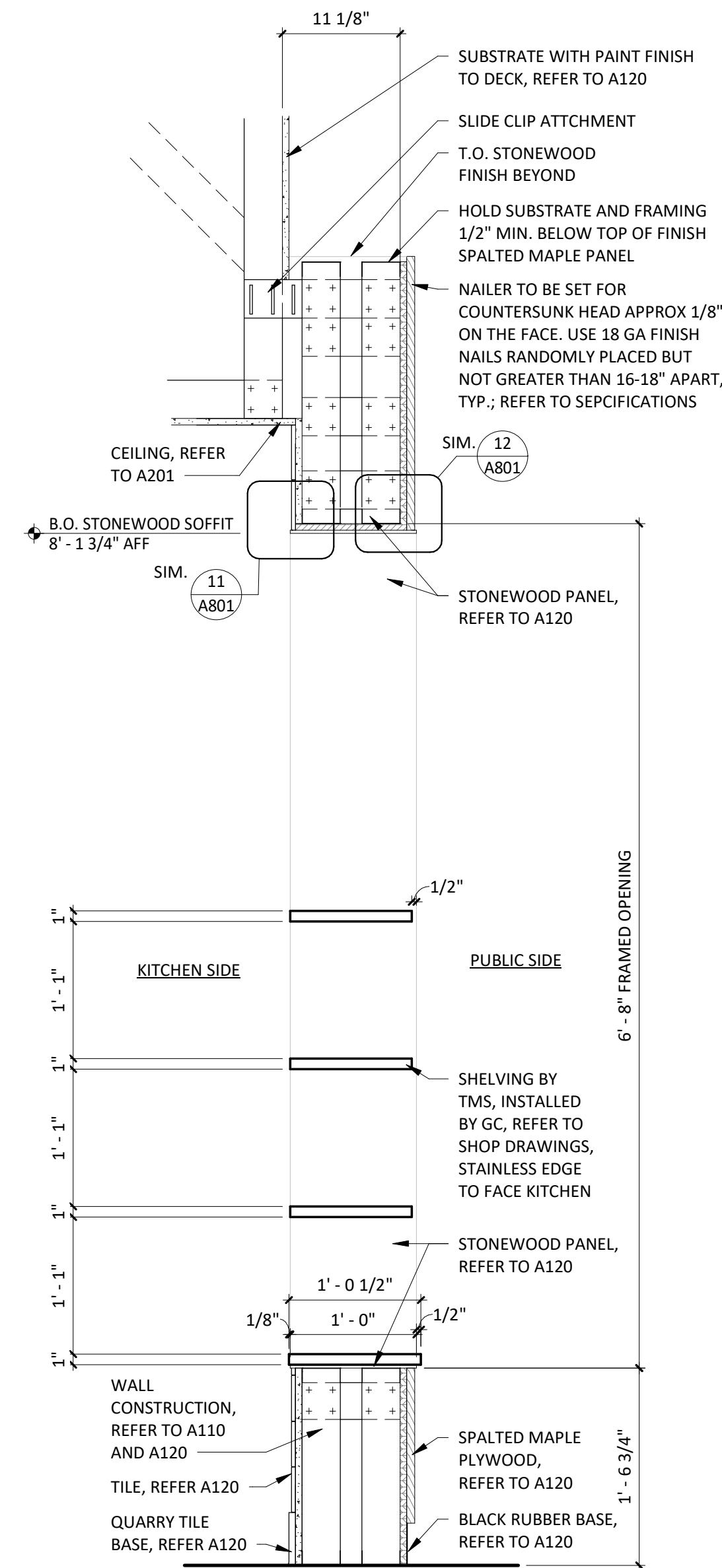
- A. STEEL STUDS TO STEEL STUDS OR TRACKS:
  - 20 GAUGE - 18" X 1 1/2" TEKS WITH PHILIPS PAN HEAD - MIN. 2 PER CONNECTION
  - 18/16 GAUGE - 18" - 16 X 3/4" TEKS WITH PHILIPS PAN HEAD - MIN. 3 PER CONNECTION
- B. STEEL STUDS OR TRACKS TO WOOD PLUNDS, GIRDERD AND BEAMS:
  - #14 - 10 X 1-1/2" H.W.H. TYPE "S" METAL-TO-WOOD TEKS AT 12" O.C., 2" FROM EACH END
- C. STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBE/WIDE FLANGE COL'S, BM'S, GIRDER'S, ETC.)
  - 0.145" DIA. HILTI X-EDMI FASTENERS, 5/8" MIN. LENGTH AND MIN. OF 2 PER CONNECTION, OR 2 ROWS AT 16" O.C. FOR CONTINUOUS APPLICATIONS SUCH AS TRACKS, U.N.O.
- D. PLYWOOD TO STEEL STUDS:
  - #10 - 24 X 1-1/4" TEKS/3 (PLYMETALTEKS) WITH THIN WAFER HEAD - 24" O.C. FILED, 12" O.C. PERIMETER
- E. GYPSUM BOARD TO STEEL STUDS:
  - 1/2" X 1-1/4" TYPE 5 1/2" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" GYP. BD. TO 25 GAUGE OR 20 GAUGE STUDS
  - #6 X 1-1/4" TYPE 5 1/2" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GAUGE OR 16 GAUGE STUDS OR TRACKS
  - FIELD - 12" O.C. CEILINGS, 24" O.C. WALLS
  - BUTT JOINTS 12" O.C.
- F. STEEL STUDS OR TRACKS TO CONCRETE:
  - 0.145" DIA. HILTI X-DNI FASTENER, 1" MIN. LENGTH, 2 ROWS AT 16" O.C.



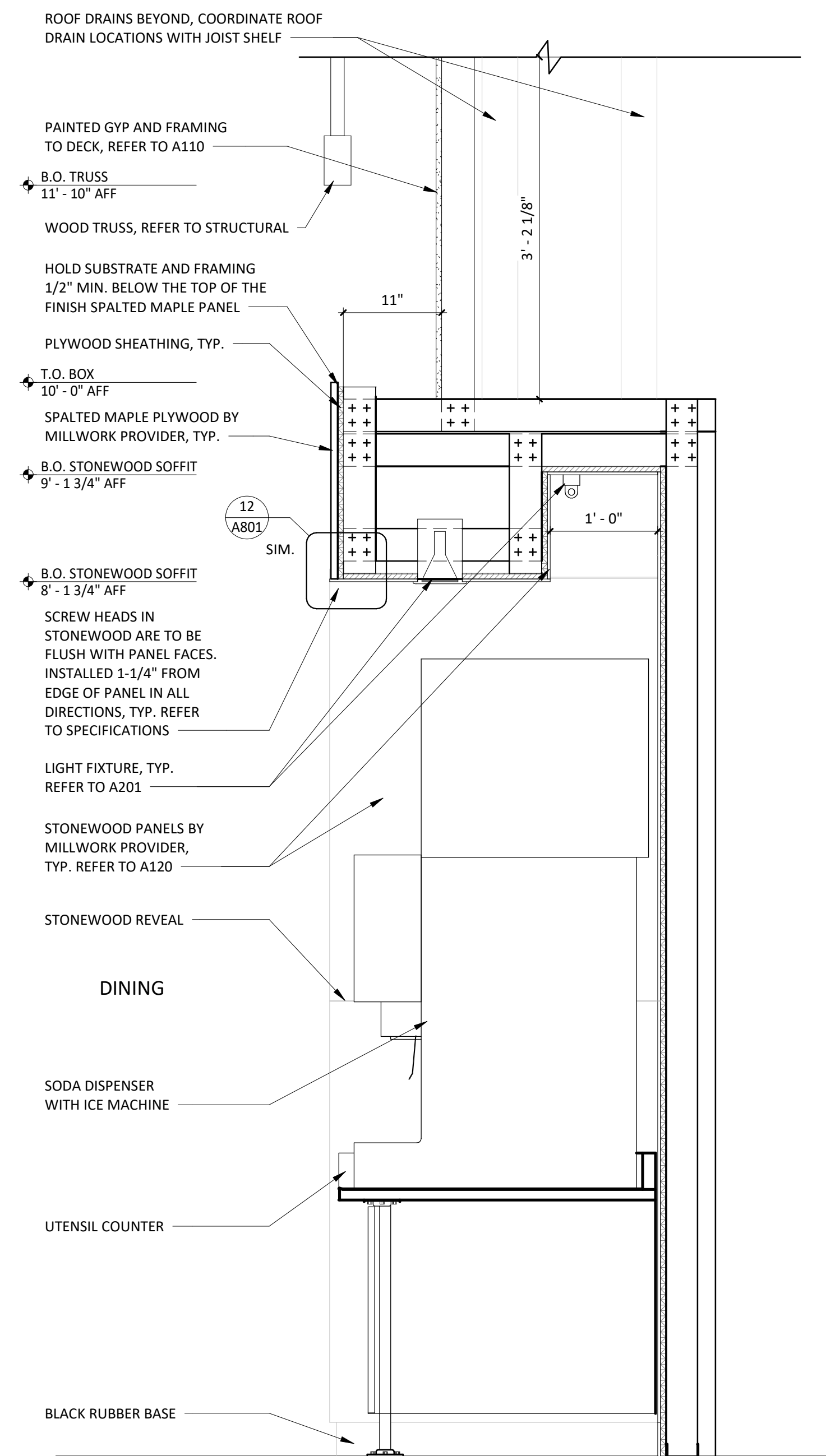
A501



### SOFFIT DETAIL



## MOPUS SECTION - PASS THRU



## UTENSIL SECTION

resultant:

R/A

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| 09/2024 | PERMIT SET       |
| 23/2024 | BID SET          |
| 24/2025 | CONSTRUCTION SET |

isions:

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TC

Subject No. MG1197

## INTERIOR SECTIONS

A502

## DOOR SCHEDULE

| TAG | ROOM       | DOOR STATUS * | FRAME STATUS | DOOR DESCRIPTION                                  | DOOR WIDTH | DOOR HEIGHT | DOOR THICKNESS | DOOR TYPE | DOOR FINISH      | FRAME TYPE | MATERIAL | STILE     | HARDWARE SET | HARDWARE STATUS* | FIRE RATING | REMARKS |
|-----|------------|---------------|--------------|---------------------------------------------------|------------|-------------|----------------|-----------|------------------|------------|----------|-----------|--------------|------------------|-------------|---------|
| 1   | MAIN ENTRY | EXISTING      | EXISTING     | DOUBLE STOREFRONT (WIDE STILE, NON-OFFSET, PANIC) | 6' - 0"    | 7' - 0"     | 0" - 1 3/4"    | A         | SEE A301         | STOREFRONT | ALUM     | WIDE (5") | 1A           | NEW              |             | 1,2,4,5 |
| 2   | DINING     | EXISTING      | EXISTING     | SINGLE STOREFRONT (WIDE STILE, NON-OFFSET, PANIC) | 3' - 0"    | 7' - 0"     | 0" - 1 3/4"    | A         | SEE A301         | STOREFRONT | ALUM     | WIDE (5") | 2A           | NEW              |             | 1,2,4,5 |
| 3   | KITCHEN    | EXISTING      | EXISTING     | HM REAR KITCHEN (STANDARD)                        | 3' - 6"    | 7' - 0"     | 0" - 1 3/4"    | D         | D1/D2 (SEE A120) | 2          | H.M.     | -         | 3            | NEW              |             | 1,4,6   |
| 4   | OFFICE     | NEW           | NEW          | MANAGER'S OFFICE                                  | 3' - 0"    | 7' - 0"     | 0" - 1 3/4"    | C         | D1 (SEE A120)    | 1          | H.M.     | -         | 4            | NEW              |             |         |
| 5   | MEN        | NEW           | NEW          | UNISEX 2 RESTROOM (SINGLE-OCCUPANT, STANDARD)     | 3' - 0"    | 7' - 0"     | 0" - 1 3/4"    | B         | D1 (SEE A120)    | 1          | H.M.     | -         | 5            | NEW              |             |         |
| 6   | WOMEN      | NEW           | NEW          | UNISEX 1 RESTROOM (SINGLE-OCCUPANT, STANDARD)     | 3' - 0"    | 7' - 0"     | 0" - 1 3/4"    | B         | D1 (SEE A120)    | 1          | H.M.     | -         | 6            | NEW              |             |         |

|    |                                                                                                                                                                                                                                                                                                              |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | DOORS WITH REMARK #1 TO BE KEYPED THE SAME                                                                                                                                                                                                                                                                   |
| 2. | EXIT INDICATOR ARRIVES WITH SIGNS STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" AND "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED". VERIFY REQUIRED SIGN WORDING WITH LOCAL JURISDICTION PRIOR TO INSTALLATION. ONE SIGN IS TO BE PLACED IN A VISIBLE LOCATION ABOVE THE DOORS. |
| 3. | THERE IS TO BE NO EXTERIOR HOLE OR CYLINDER                                                                                                                                                                                                                                                                  |
| 4. | USE NON-SHRINK STRUCTURAL GROUT BED UNDER THRESHOLD                                                                                                                                                                                                                                                          |
| 5. | BLACK DOOR SWEEP TO BE USED WITH CHARCOAL, BLACK OR BRONZE STOREFRONT. LIGHT GRAY DOOR SWEEP TO BE USED WITH CLEAR ANODIZED ALUMINUM STOREFRONT                                                                                                                                                              |
| 6. | REAR KITCHEN DOOR TO BE PAINTED 'BLACK' ON INTERIOR AND 'KNIGHT'S ARMOR' ON EXTERIOR U.O.                                                                                                                                                                                                                    |

\*IF STATUS IS "EXISTING" G.C TO DETERMINE CONDITION OF EXISTING HADWARE. IF HARDWARE IS IN POOR CONDITION, PROVIDE HARDWARE IN HARDWARE SCHEDULE. CONFIRM REPLACEMENT WITH CHIPOTLE CM.

## HARDWARE SETS

**SET 1A - MAIN ENTRY - PAIR - NON-OFFSET - PANIC HARDWARE**

|     |                   |                                                                                                   |
|-----|-------------------|---------------------------------------------------------------------------------------------------|
| (2) | HINGE             | HAGER, MODEL 780-224HD-83-CLR                                                                     |
| (1) | MORTISE CYLINDER  | SCHLAGE, MODEL 10-100, BRUSHED CHROME; C.O. CYLINDER AT 34" MIN. FROM BOTTOM OF DOOR              |
| (1) | TEMP CORE         | SCHLAGE, MODEL 40-033 INTERCHANGEABLE CORE, (BRUSHED CHROME)                                      |
| (2) | PULL HARDWARE     | ADAMS RITE, MODEL 45-136 (ALUMINUM FINISH, 36" DOOR); C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR |
| (1) | PULL HARDWARE     | HAGER, MODEL 4C US32D (8" CTC), CENTER ON DOOR STILE                                              |
| (2) | CLOSER            | DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)                                                |
| (2) | DOOR STOP         | IVES, MODEL FS185 (ALUMINUM)                                                                      |
| (2) | OVERHEAD STOP     | GLYNN-JOHNSON, MODEL 4545-SP28 (ALUMINUM)                                                         |
| (2) | CLOSER BACK PLATE | DORMA, MODEL BP89, ALUMINUM                                                                       |
| (1) | THRESHOLD         | REESE, MODEL 5239A-72 (SIZE 72")                                                                  |
| (2) | SMOKE SEAL        | REESE, MODEL 797B-21                                                                              |
| (2) | DOOR SWEEP        | PEMKO, MODEL SF5C-200-36 (36" DOOR), OWNER FURNISHED                                              |

**SET 2A - ENTRY - SINGLE - NON-OFFSET - PANIC HARDWARE**

|     |                  |                                                                                                        |
|-----|------------------|--------------------------------------------------------------------------------------------------------|
| (1) | HINGE            | HAGER, MODEL 780-224H18-83"-CLR                                                                        |
| (1) | PUSH HARDWARE    | ADAMS RITE, MODEL 8801-36-628 (ALUMINUM FINISH, 36" DOOR); C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR |
| (1) | PULL HARDWARE    | HAGER, MODEL AG US32D (8" D.C. CENTER, ON DOOR STILE)                                                  |
| (1) | CLOSER           | DORMA, MODEL 8916-AF589-689 (TOP JAMB), (ALUMINUM)                                                     |
| (1) | CLOCK BACK PLATE | DORMA, MODEL BP89, ALUMINUM                                                                            |
| (1) | OVERHEAD STOP    | GLYNN-JOHNSON, MODEL 4545-US32D (ALUMINUM)                                                             |
| (1) | THRESHOLD        | REESE, MODEL 5424A-36 (SIZE 36")                                                                       |
| (1) | SMOKE SEAL       | REESE, MODEL 797B-21                                                                                   |
| (1) | DOOR SWEEP       | PEMKO, MODEL SF5C-200-36 (36" DOOR), OWNER FURNISHED                                                   |
| (1) | DOOR STOP        | IVES, MODEL FS185 (ALUMINUM)                                                                           |

**SET 3 - REAR EXIT - SINGLE**

|     |                   |                                                                     |
|-----|-------------------|---------------------------------------------------------------------|
| (1) | HINGE             | HAGER, MODEL 780-224HD-83"-CLR                                      |
| (1) | PUSH HARDWARE     | FALCON, MODEL 25-R-EO-4"US28 (SIZE 42")                             |
| (1) | PULL HARDWARE     | FALCON, MODEL 510L-DANE-LHR-US26D, ALUMINUM (EXTERIOR SIDE)         |
| (1) | RIM CYLINDER      | GLS, MODEL RC-7-LZ-626                                              |
| (1) | TEMP CORE         | SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME) |
| (1) | CLOSER            | DORMA, MODEL 8916-AF89P-689 (TOP JAMB), ALUMINUM                    |
| (1) | CLOSER BACK PLATE | DORMA, MODEL BP89, ALUMINUM                                         |
| (1) | THRESHOLD         | REESE, MODEL S239A-42, (SIZE 42")                                   |
| (1) | WEATHERSTRIP      | REESE, MODEL DS75C-4070                                             |
| (1) | DOOR SWEEP        | PEMKO, MODEL SF5C-200-42 (42" DOOR) (BLACK) OWNER FURNISHED         |
| (1) | DOOR VIEWER       | IVES, MODEL U698B26D, C.O. VIEWER AT 60" FROM BOTTOM OF DOOR        |
| (1) | DOOR SILENCERS    | IVES, MODEL SR64                                                    |
| (1) | DOOR BUZZER       | TRINE, MODEL 240                                                    |
| (1) | KICKPLATE         | HIAWATHA, MODEL KP83A-US32D                                         |

**SET 4 - MANAGER'S OFFICE**

|     |                 |                                                                                                |
|-----|-----------------|------------------------------------------------------------------------------------------------|
| (3) | HINGE           | STANLEY, MODEL F8B179-4.5-US26 (06-8438)                                                       |
| (1) | LOCKSET         | SCHLAGE, MODEL L94531-06A-626                                                                  |
| (1) | TEMP CORE       | SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)                            |
| (1) | KICKPLATE       | HIAWATHA, MODEL KP834-32D                                                                      |
| (1) | DOOR STOP       | DON-JO, MODEL 1407-630, STAINLESS STEEL                                                        |
| (3) | DOOR SILENCERS  | IVES, MODEL SR64                                                                               |
| (1) | SECURITY WINDOW | AIR LOUVERS, MODEL VSL1212TEMPKAC SLIMLINE 12" x 12" x 1/4" LITE KIT (10" x 10" GLASS VISIBLE) |

**SET 5 - MEN'S RESTROOM - SINGLE OCCUPANT - STANDARD**

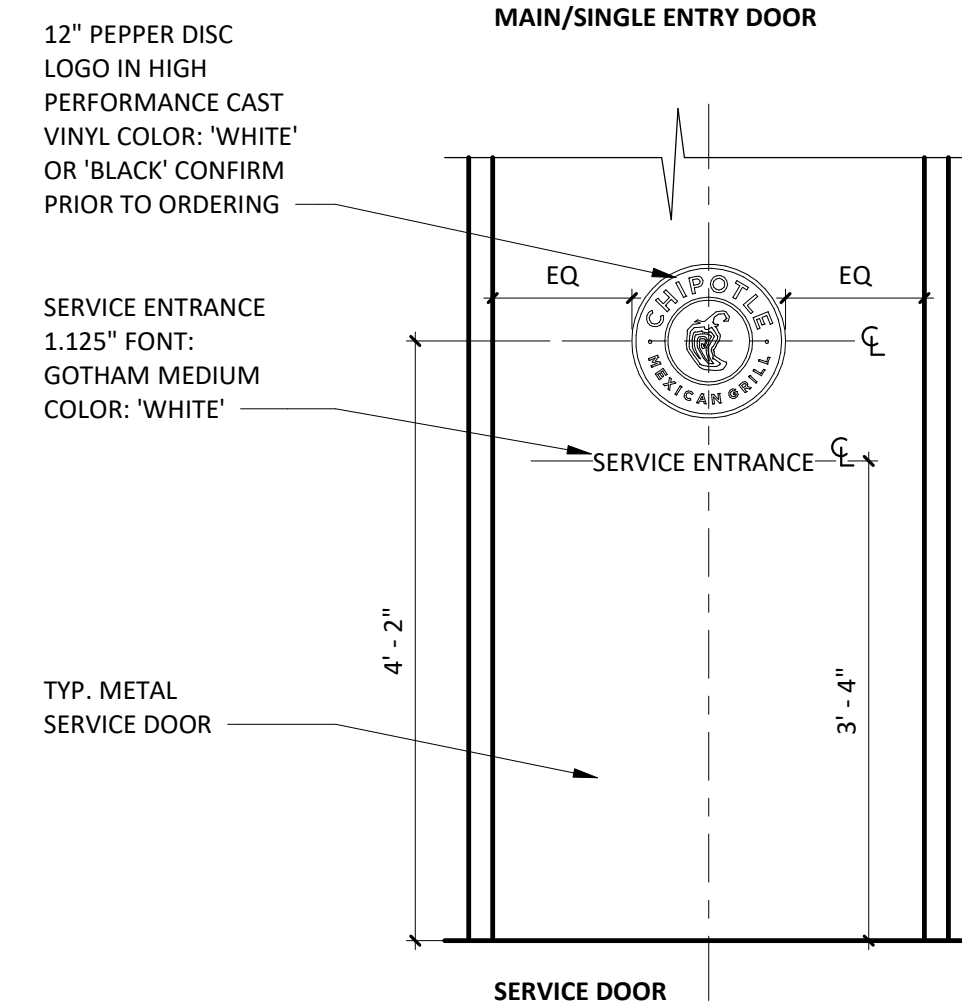
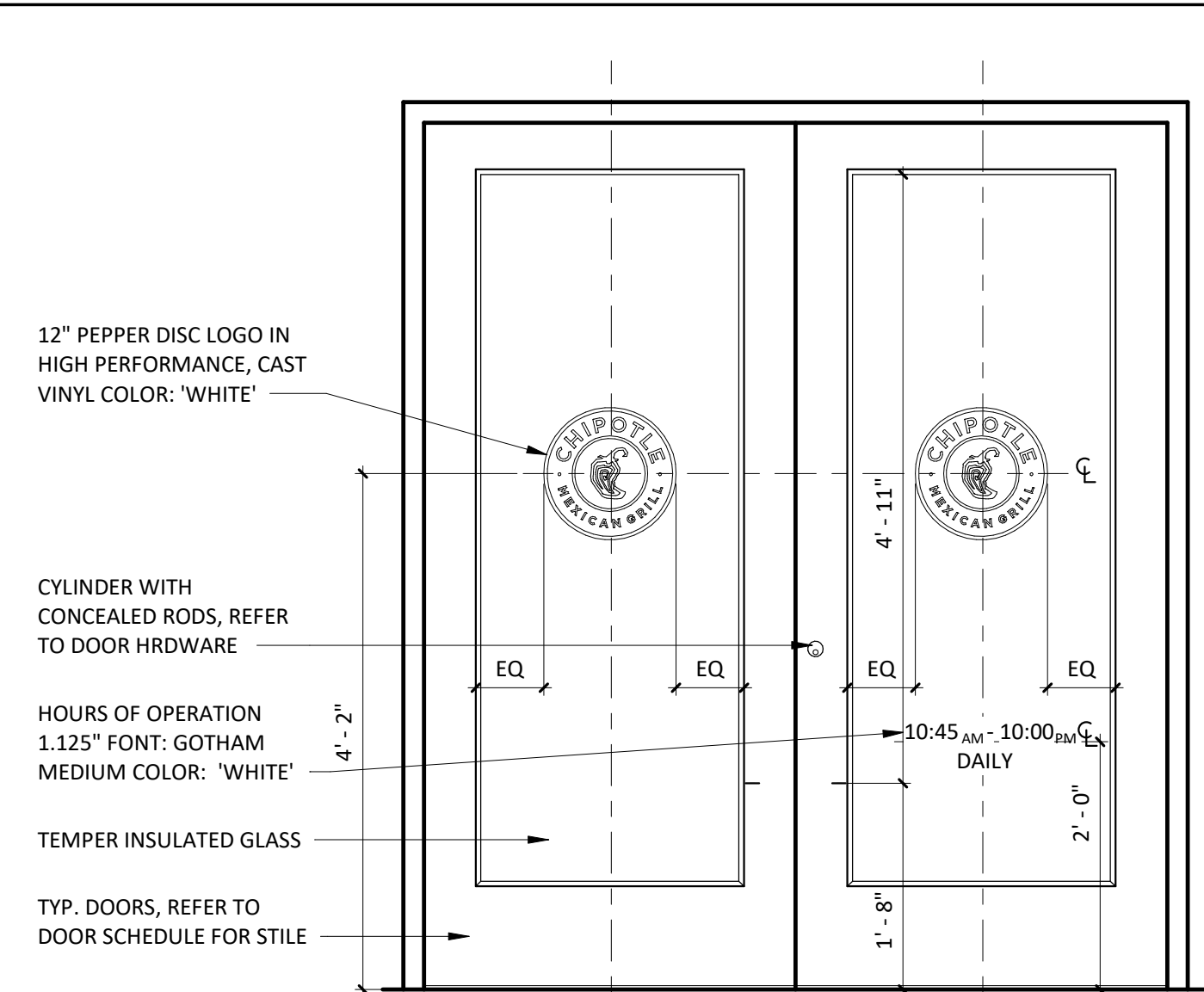
|     |                |                                                                                              |
|-----|----------------|----------------------------------------------------------------------------------------------|
| (3) | HINGE          | STANLEY, MODEL FB8179-4.5-US26 [06-8438]                                                     |
| (1) | CLOSER         | FALCON, MODEL: SC61RW/PaxALU                                                                 |
| (1) | LOCKSET        | SCHLAGE, MODEL AL40S-NEP-626                                                                 |
| (1) | DOOR STOP      | DON-JO, 1407-630                                                                             |
| (3) | DOOR SILENCERS | IVES, MODEL SR64                                                                             |
| (2) | KICKPLATE      | HIAWATHA, MODEL KP834-32D                                                                    |
| (1) | COAT HOOK      | MILLS, MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" AFF |

**SET 6 - WOMEN'S RESTROOM - SINGLE OCCUPANT - STANDARD**

|     |                |                                                                                              |
|-----|----------------|----------------------------------------------------------------------------------------------|
| (3) | HINGE          | STANLEY, MODEL FBB179-4.5-US26 [06-8438]                                                     |
| (1) | CLOSER         | FALCON, MODEL: SC61XRW/PaxALU                                                                |
| (1) | LOCKSET        | SCHLAGE, MODEL AL40S-NEP-626                                                                 |
| (1) | DOOR STOP      | DON-JO, 1407-630                                                                             |
| (3) | DOOR SILENCERS | IVES, MODEL SR64                                                                             |
| (2) | KICKPLATE      | HIAWATHA, MODEL KP834-32D                                                                    |
| (1) | COAT HOOK      | MILLS, MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" AFF |

## REMARK NOTES

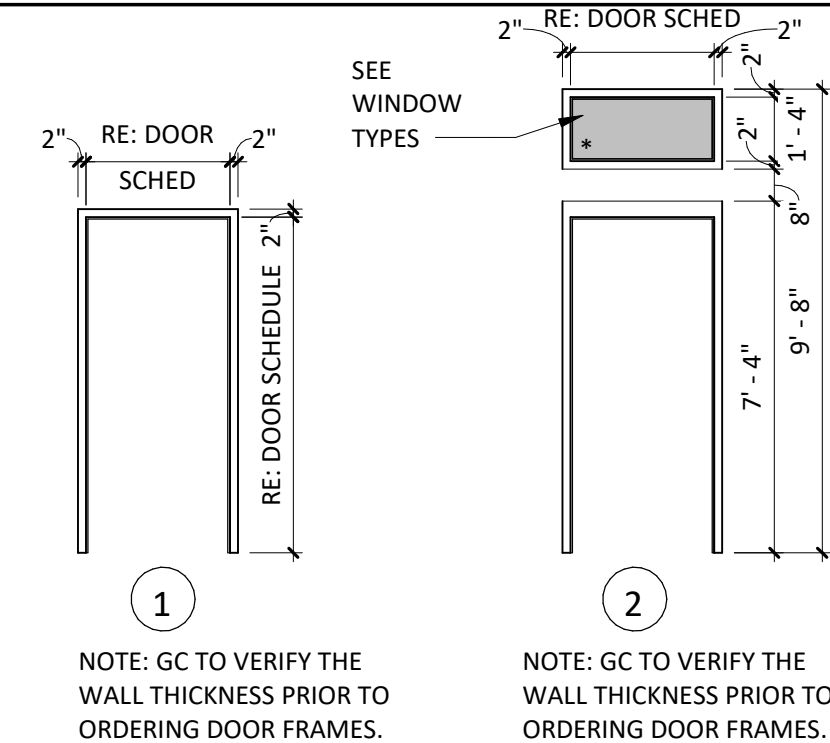
## TYPICAL EXTERIOR DOOR TYPES



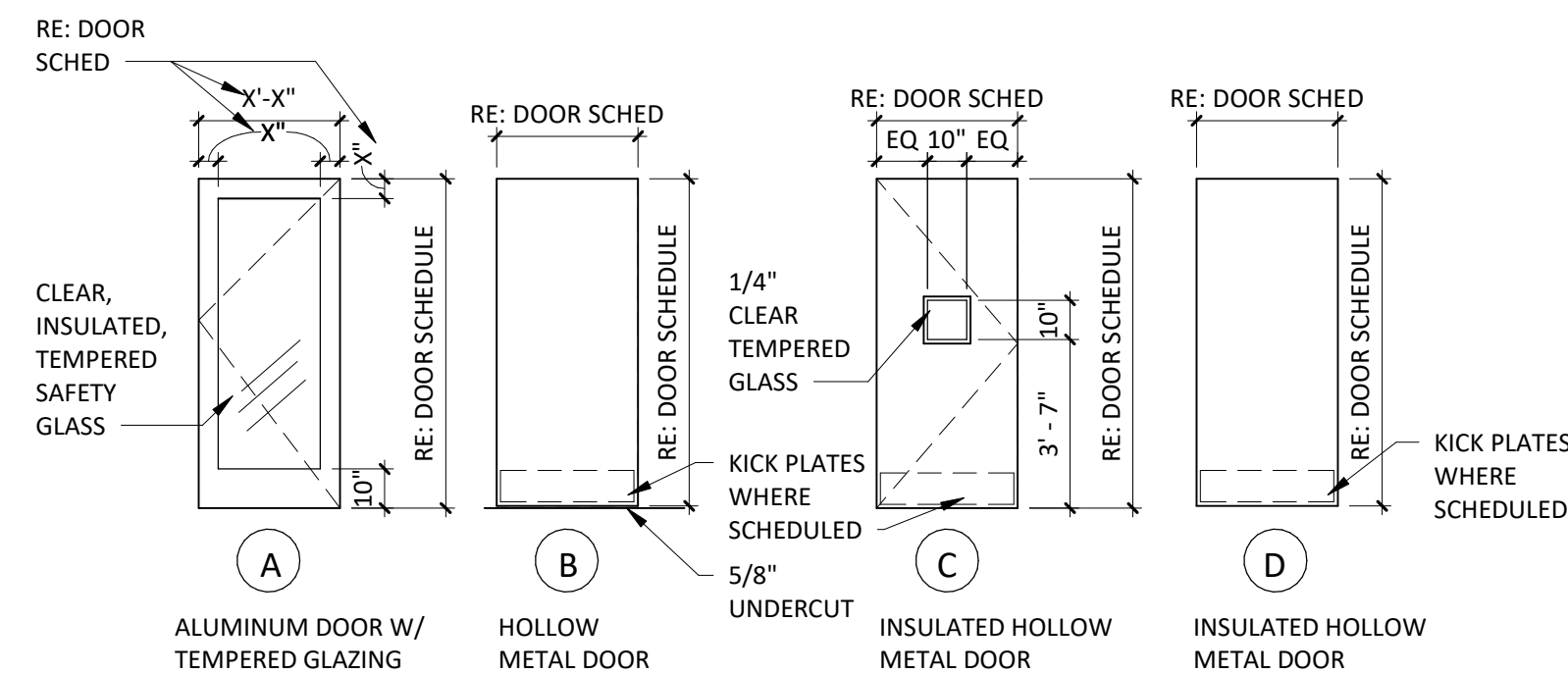
## DOOR NOTES

- |     |                                                                                                                                                                                                                                                                                              |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.                                                                                                                                                                     |
| 2.  | LATCHES, HANDLES, PANIC BARS AND ALL DOOR HARDWARE WILL COMPLY WITH SECTION 7.2 OF NFPA 101 PER THE SPECIFICATIONS.                                                                                                                                                                          |
| 3.  | THE MANAGER HAS A KEY TO UNLOCK RESTROOM DOORS, FROM THE OUTSIDE IN CASE OF AN EMERGENCY.                                                                                                                                                                                                    |
| 4.  | ALL DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS.                                                                                                                                                                                                                                          |
| 5.  | SEE THIS SHEET FOR EXTERIOR DOOR SIGNAGE INFO.                                                                                                                                                                                                                                               |
| 6.  | MAXIMUM EFFORT TO OPERATE EXTERIOR OR INTERIOR DOORS WITH CLOSERS SHALL NOT EXCEED 5 POUNDS. THIS MAY BE INCREASED TO 15 POUNDS FOR FIRE-RATED DOORS.                                                                                                                                        |
| 7.  | ALL FRAMES, DOORS AND HARDWARE TO BE FURNISHED BY TENANT HARDWARE SUPPLIER AND INSTALLED BY TENANT G.C. CALL PETE KLIMEK WITH TWIN CITY HARDWARE AT 763-535-4660 TO ARRANGE DELIVERY. STOREFRONT DOORS ARE TO BE PROVIDED BY G.C., STOREFRONT HARDWARE PROVIDED BY TENANT HARDWARE SUPPLIER. |
| 8.  | THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.                                                                                                         |
| 9.  | ALL SUPPORT SIGNAGE PROVIDED BY TENANT'S SUPPORT SIGNAGE SUPPLIER.                                                                                                                                                                                                                           |
| 10. | ALL SUPPORT SIGNAGE INSTALLED BY G.C.                                                                                                                                                                                                                                                        |
| 11. | ALL HARDWARE SHALL MATCH STOREFRONT, VERIFY WITH ARCHITECT PRIOR TO ORDERING                                                                                                                                                                                                                 |

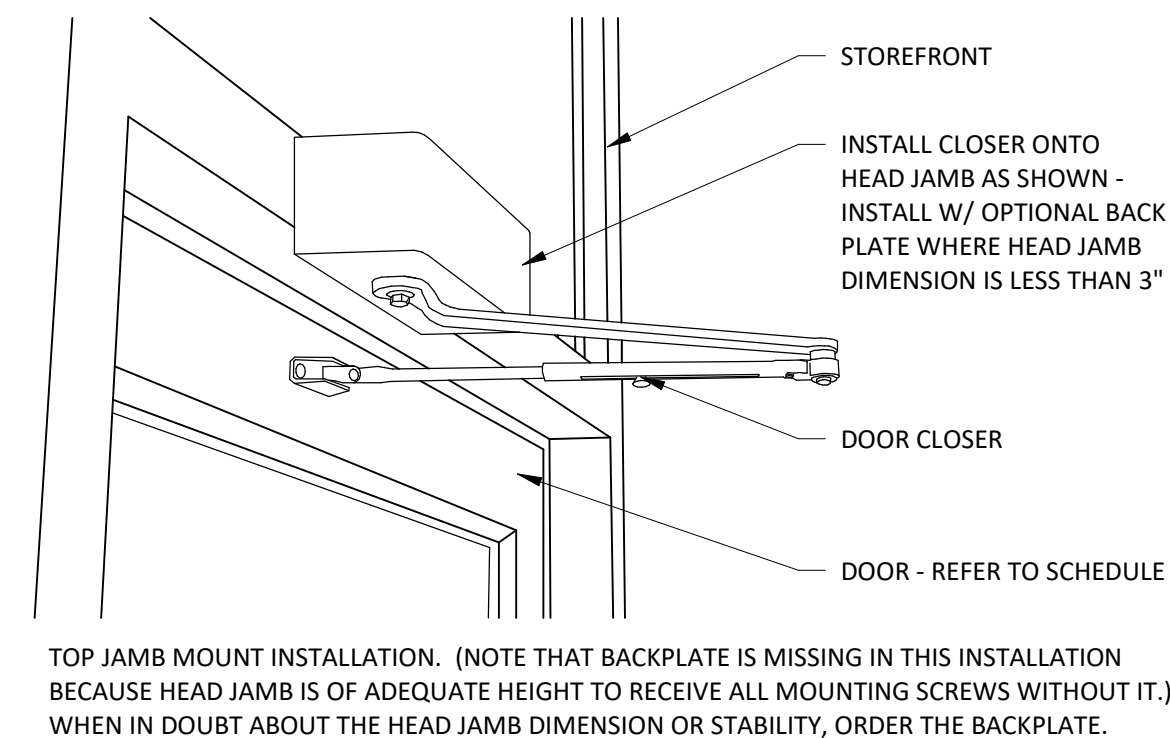
## DOOR FRAMES



## DOOR TYPES



## DOOR CLOSER



Consultant:

**R/A**

**Red Architecture**

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[illegible]

Drawn: JTH      Checked: TC

Project No.  
CMG1197

Contents:

## DOOR & HARDWARE SCHEDULE

# A601

ELEVATION LEGEND

DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

GENERAL NOTES

1. REFER TO SHEET A131 AND A132 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
2. REFER TO A120 FOR FINISH SCHEDULE.
3. REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

Consultant:

R/A

RedArchitecture

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| 09/09/2024 | PERMIT SET       |
| 10/23/2024 | BID SET          |
| 01/24/2025 | CONSTRUCTION SET |

Revisions:

Drawn:

JTH

Checked:

TC

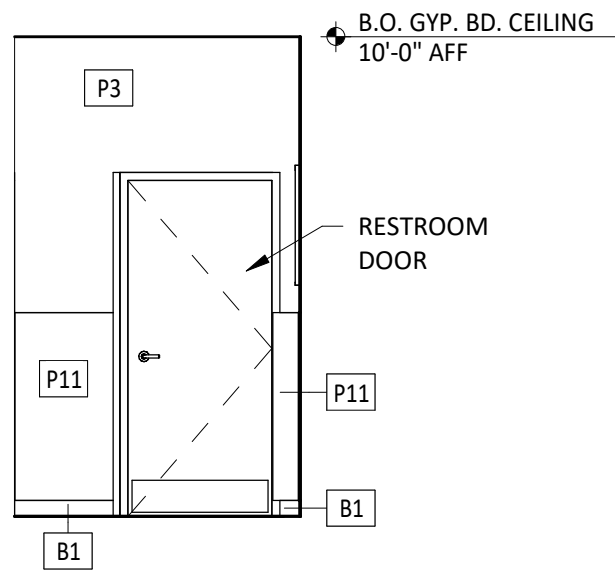
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CMG1197

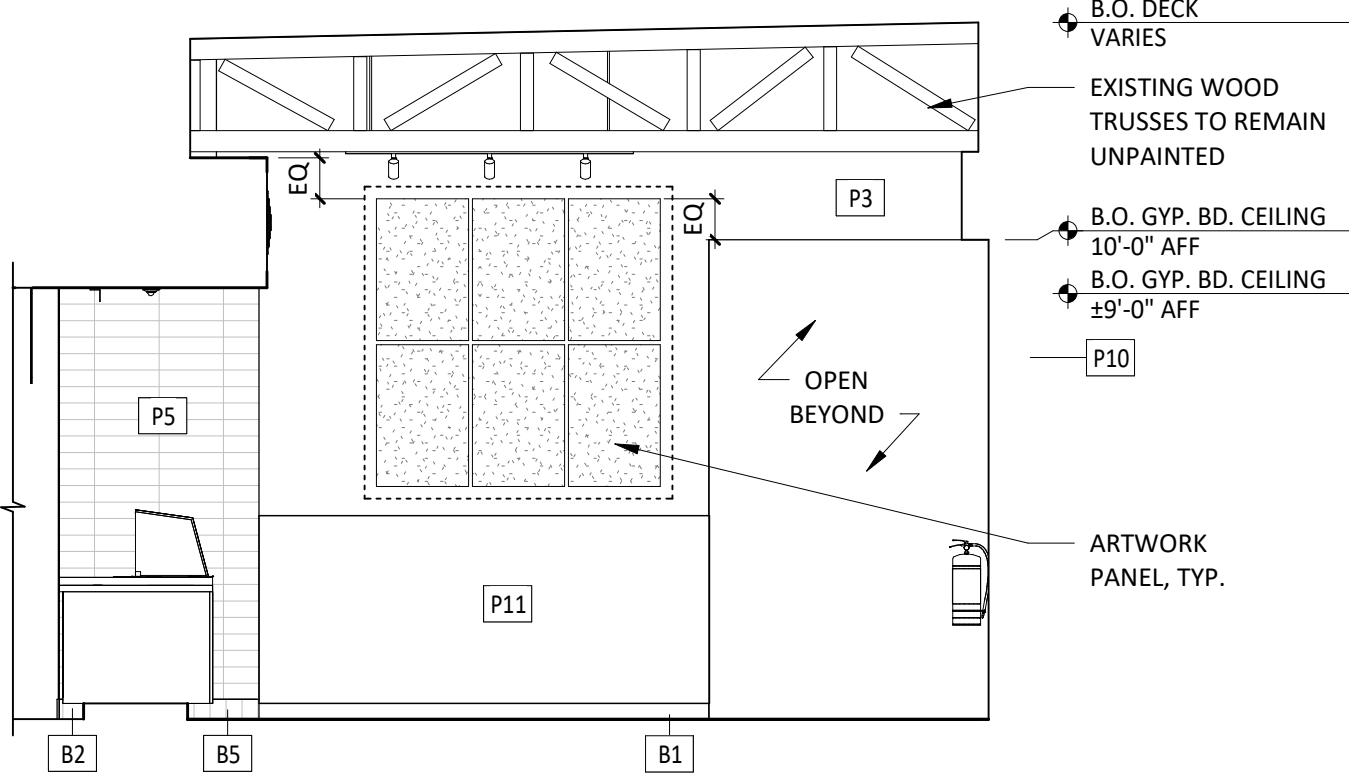
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ELEVATIONS -  
INTERIOR DINING

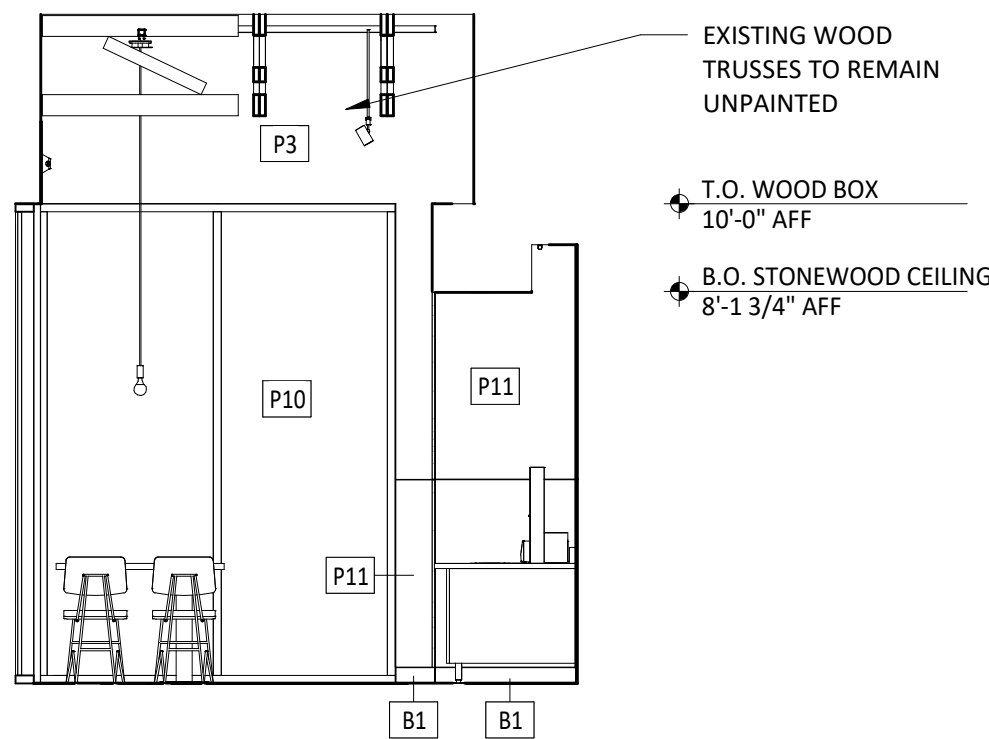
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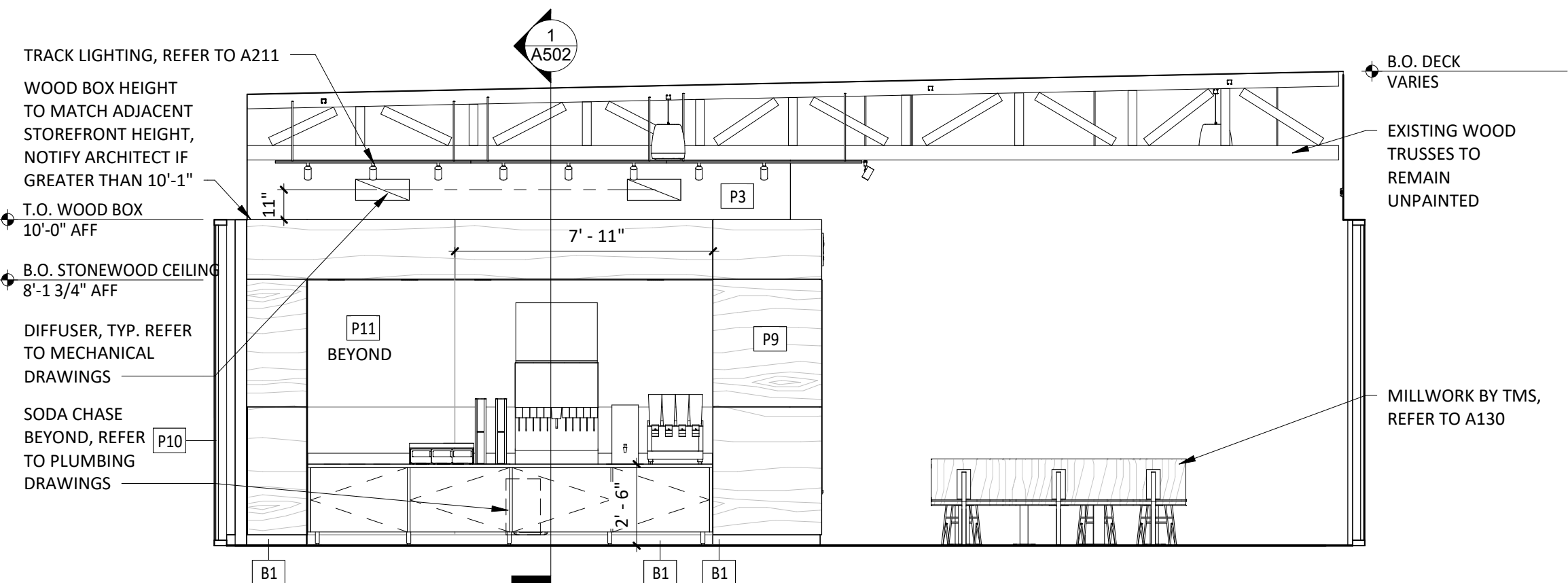
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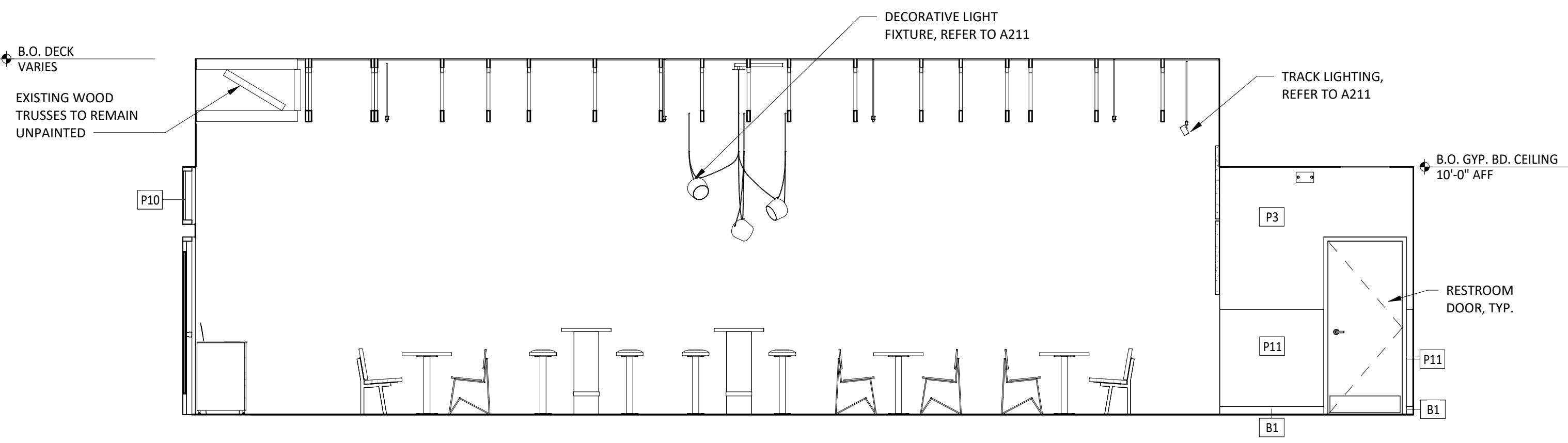
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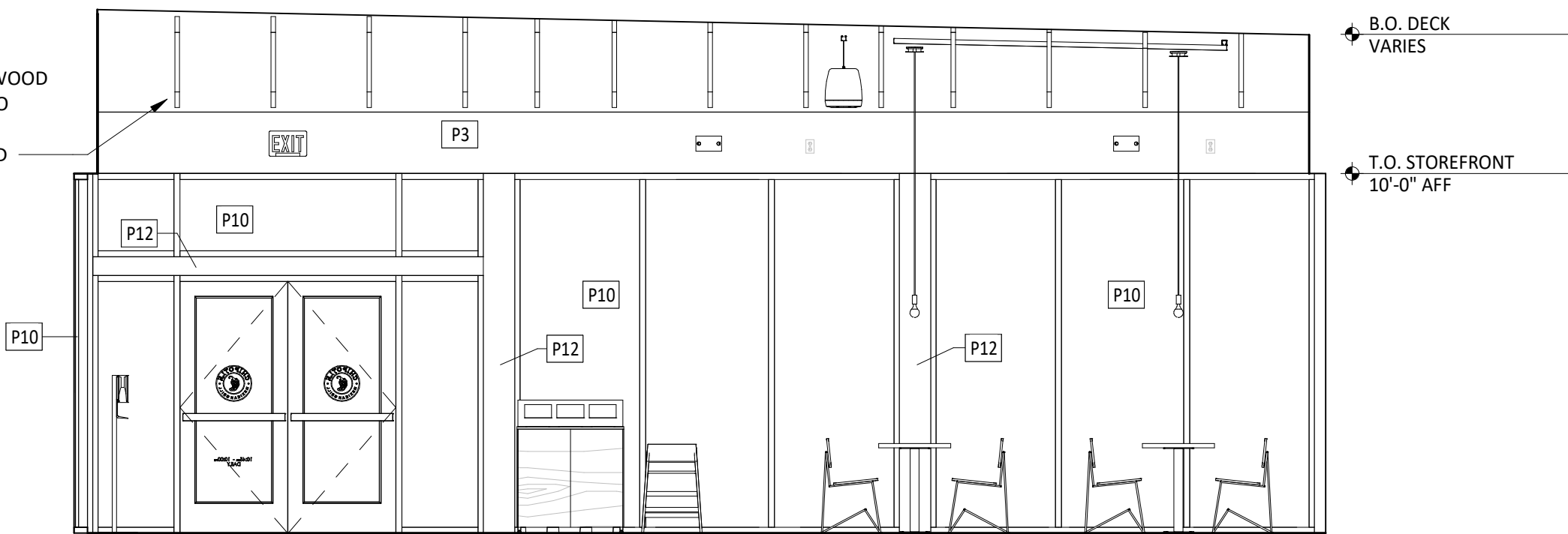
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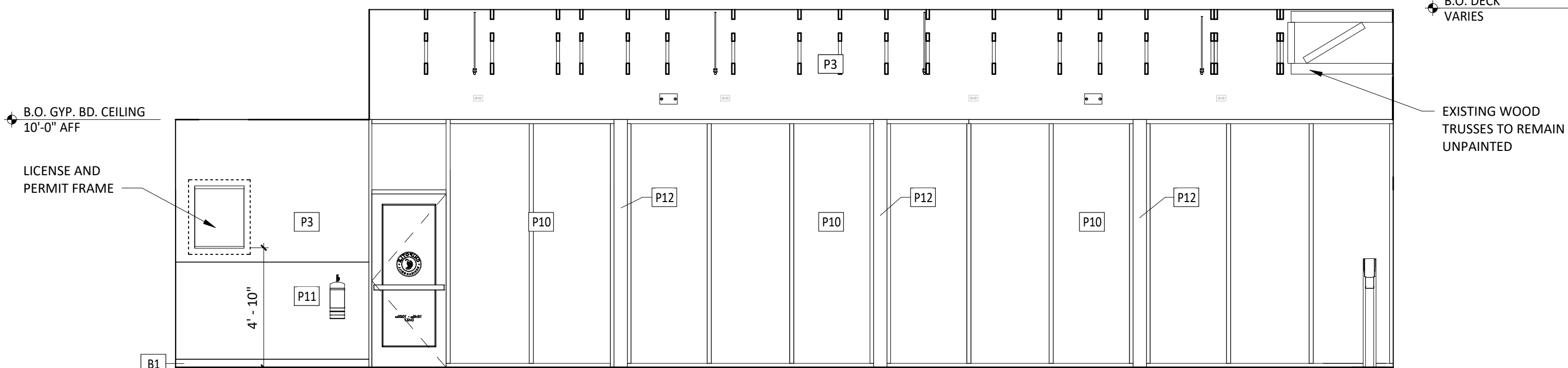
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1/4" = 1'-0"



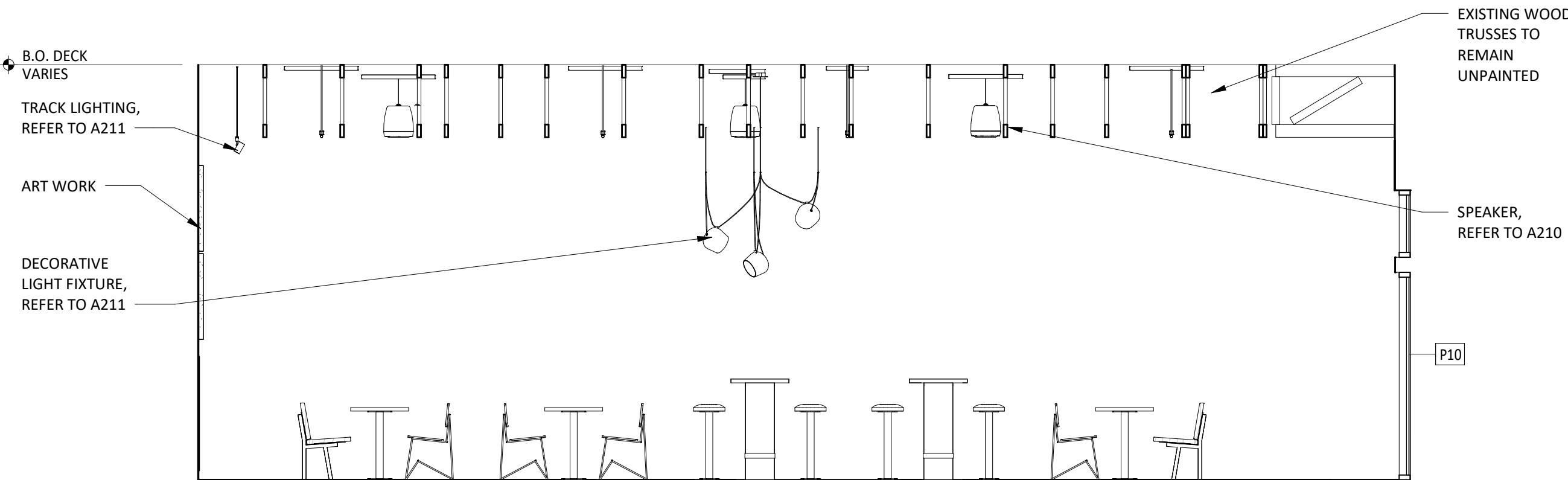
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1/4" = 1'-0"



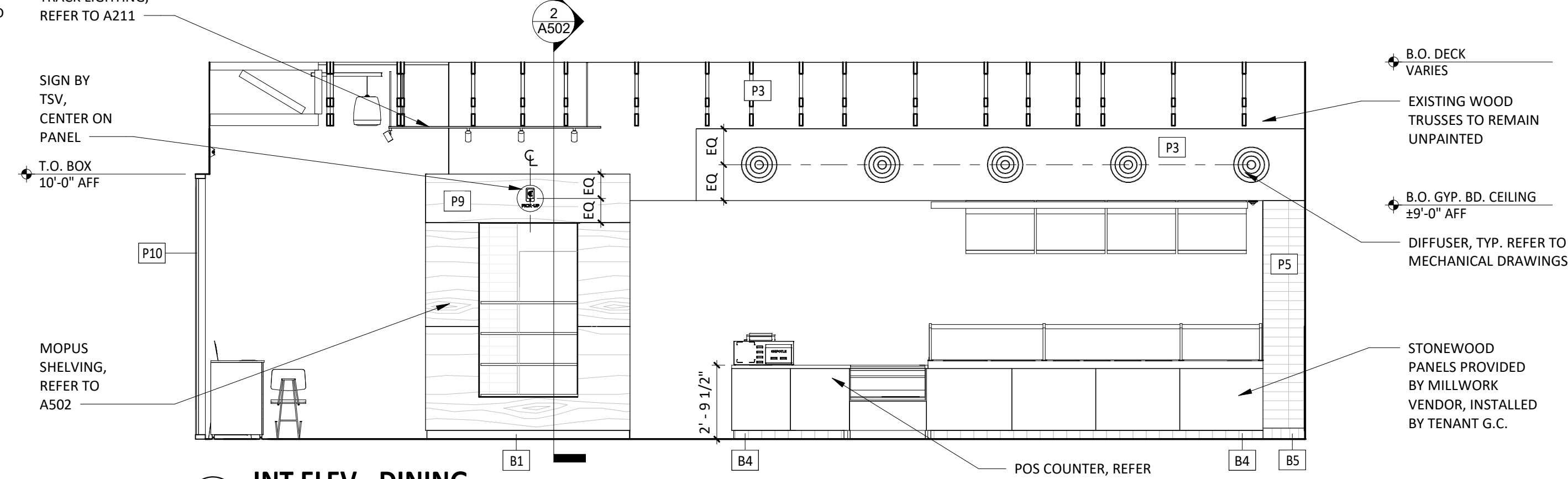
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A701  
1/4" = 1'-0"



3  
A701  
1/4" = 1'-0"



2  
A701  
1/4" = 1'-0"



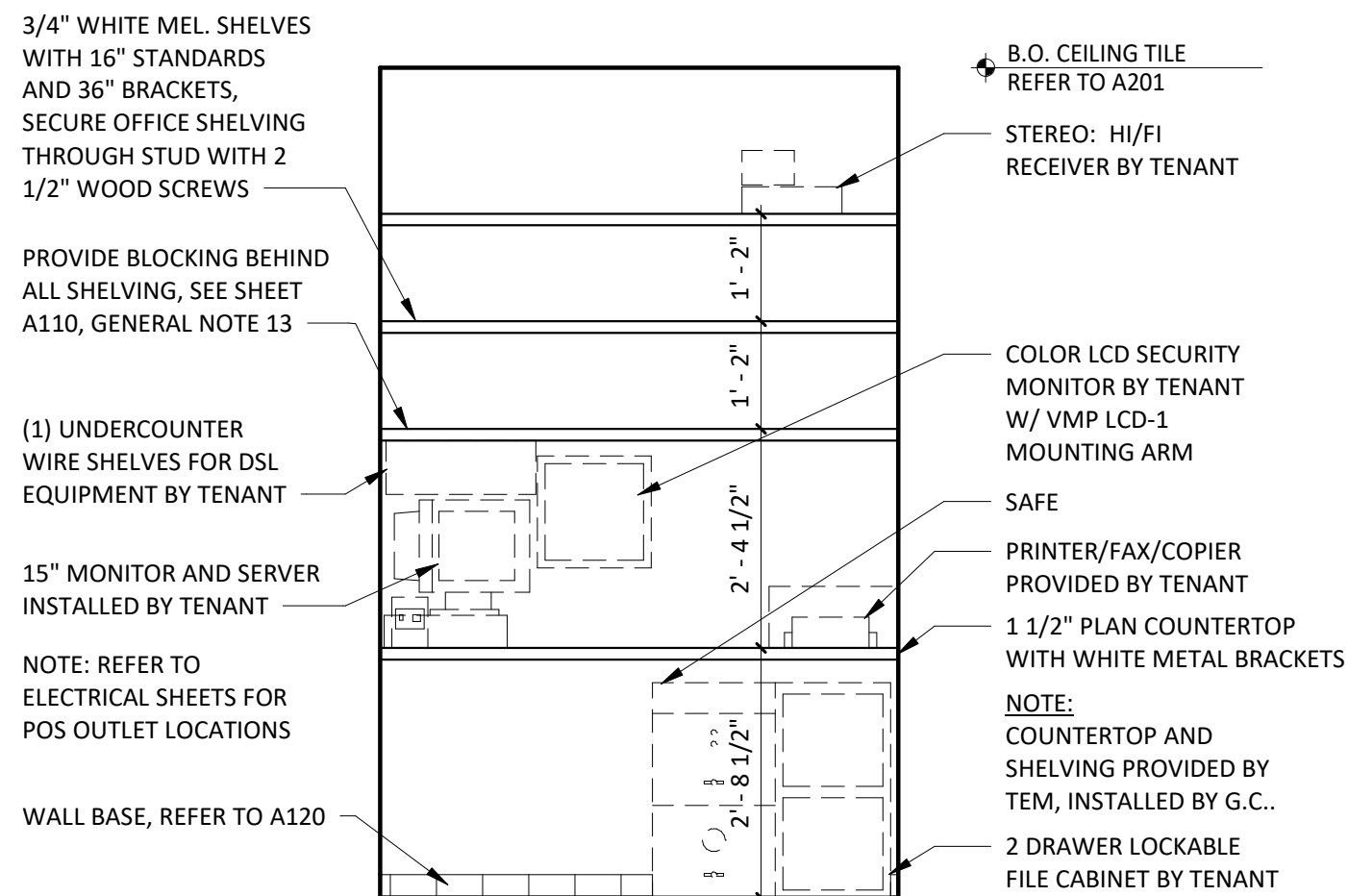
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1/4" = 1'-0"

## ELEVATION LEGEND

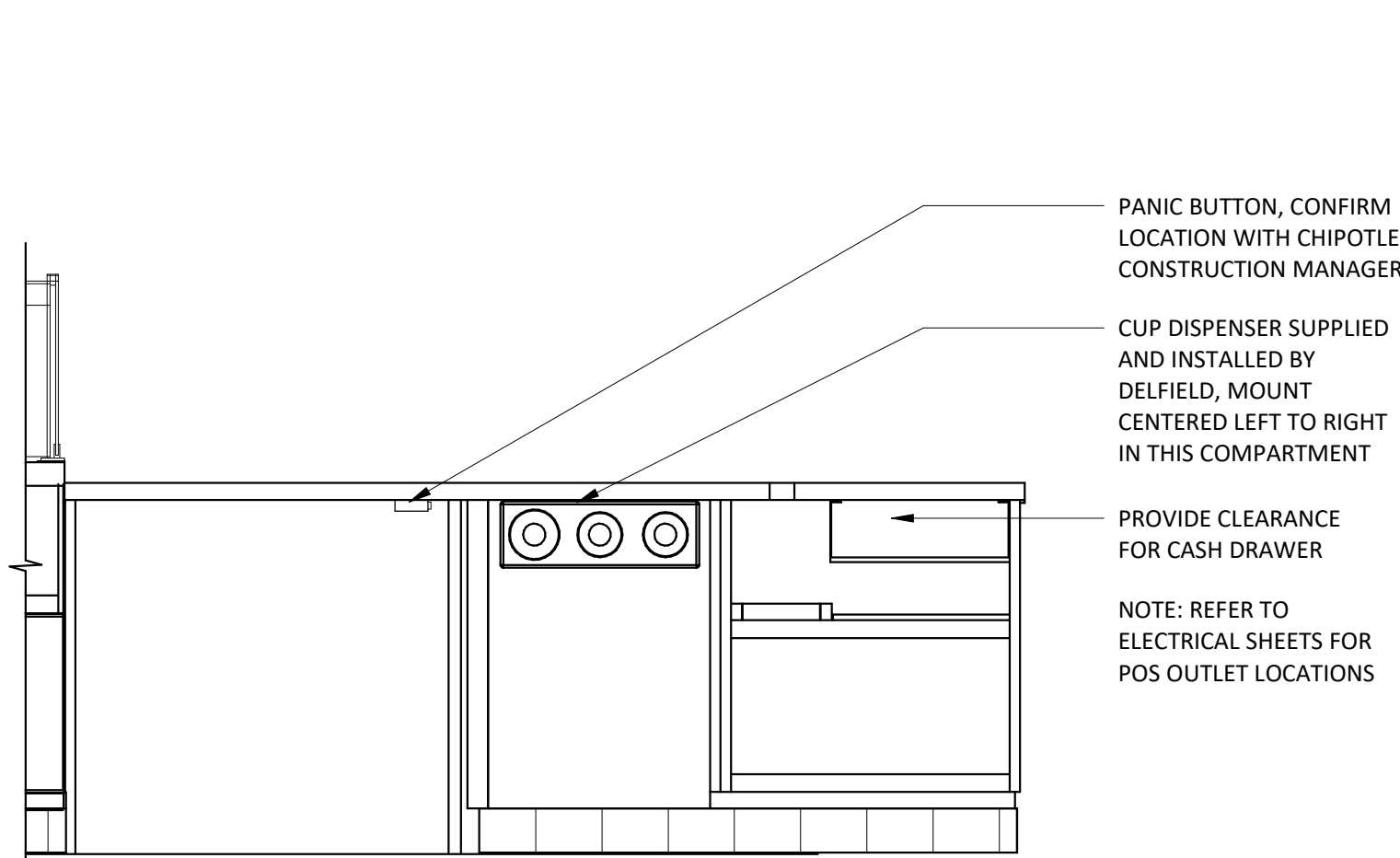
--- DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

## GENERAL NOTES

1. REFER TO SHEET A131 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
2. PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
3. REFER TO A120 FOR FINISH SCHEDULE
4. REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

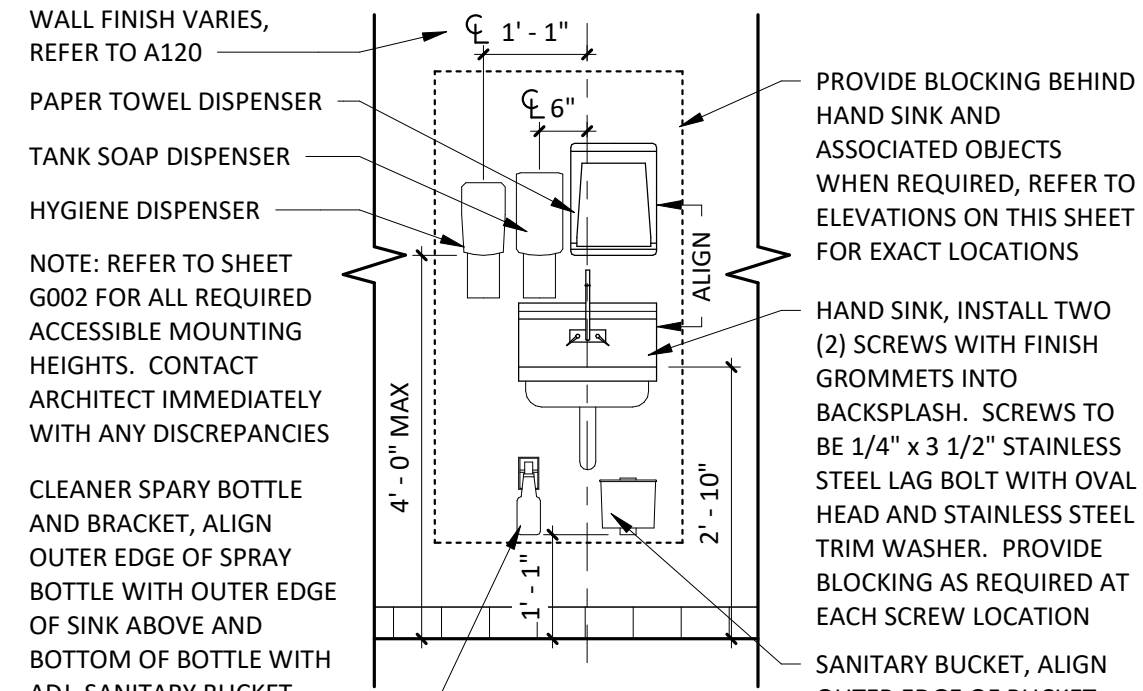


16  
A702  
1/2" = 1'-0"

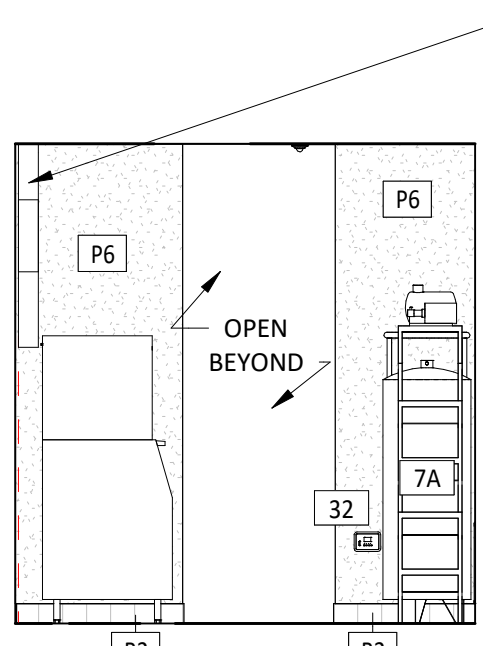


15  
A702  
3/4" = 1'-0"

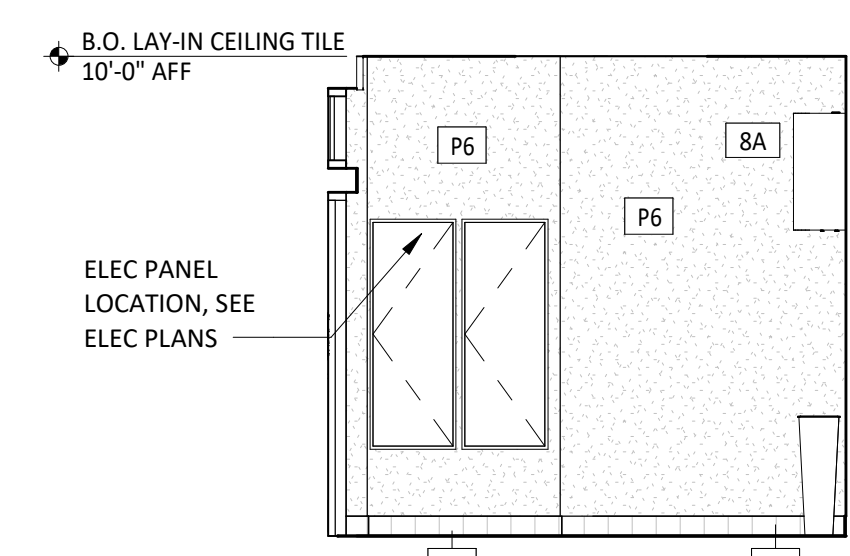
\*THIS DETAIL IS FOR HANDSINK ACCESSORY DIMENSIONS ONLY. FOR ACTUAL ORIENTATION OF HAND SINK AND ACCESSORIES, REFER TO KITCHEN ELEVATIONS



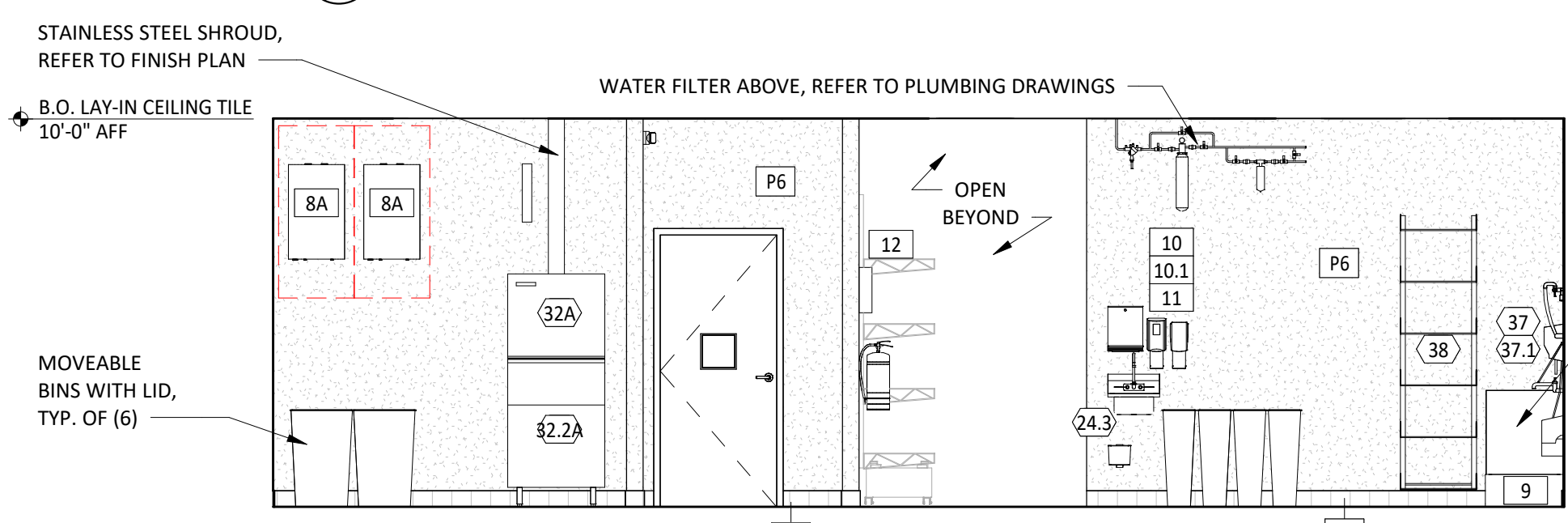
14  
A702  
1/2" = 1'-0"



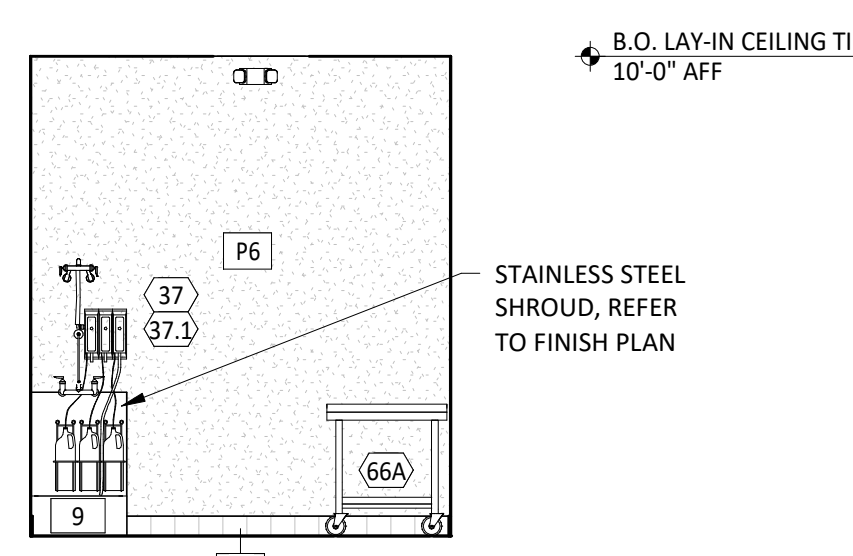
13  
A702  
1/4" = 1'-0"



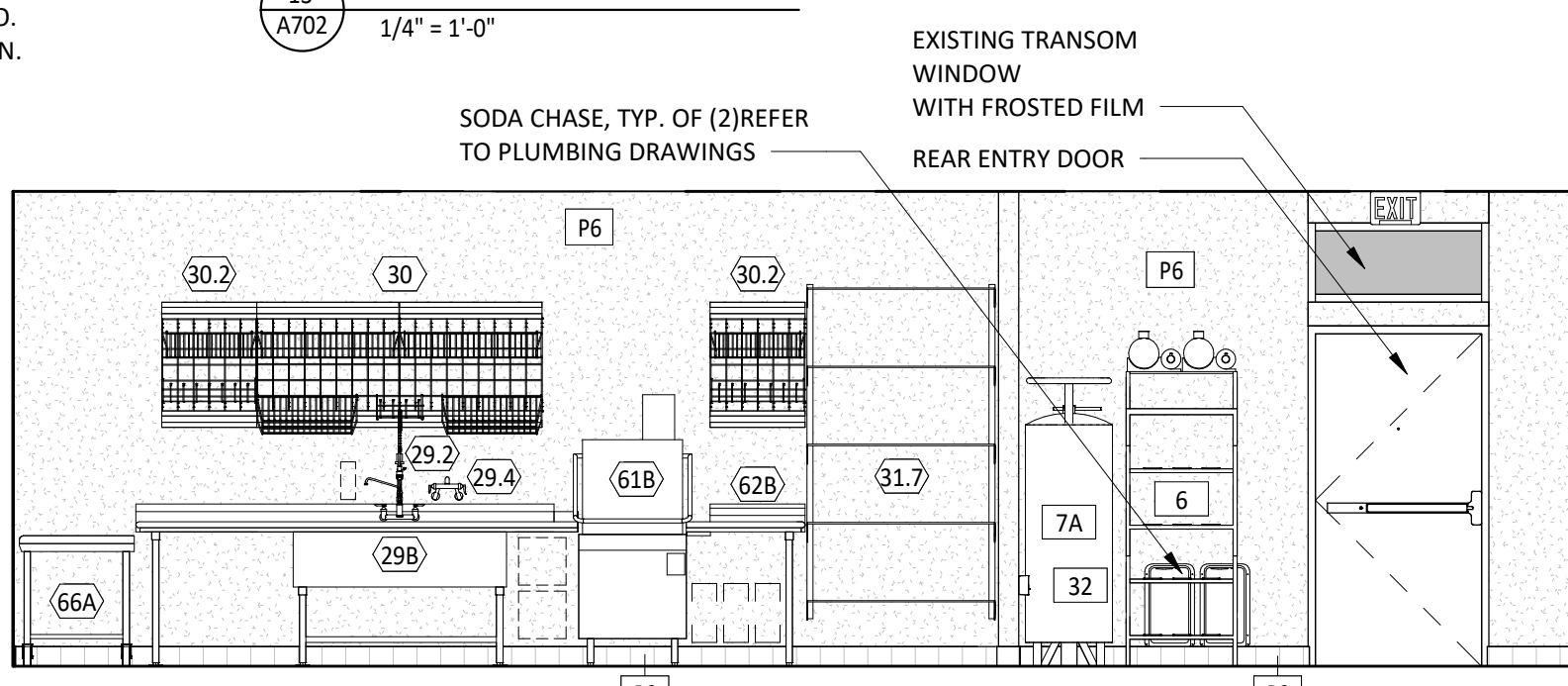
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A702  
1/4" = 1'-0"



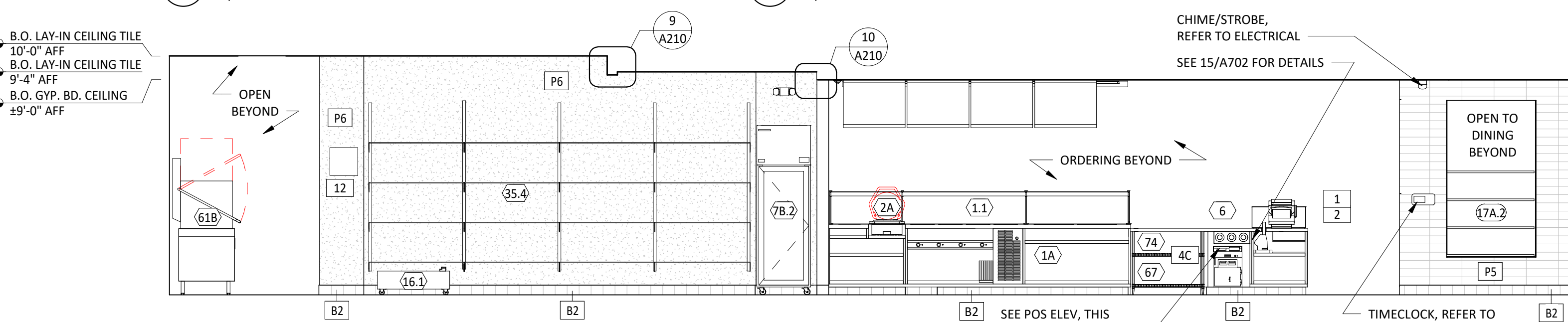
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A702  
1/4" = 1'-0"



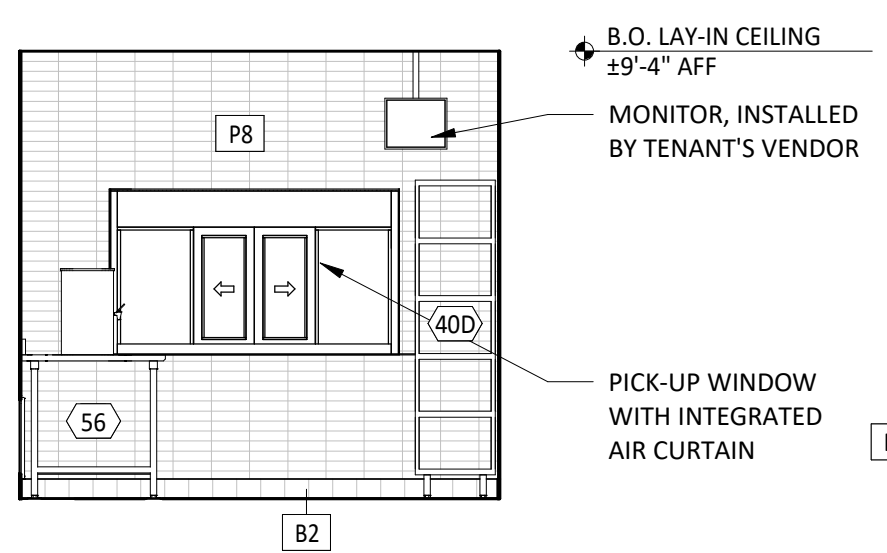
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1/4" = 1'-0"



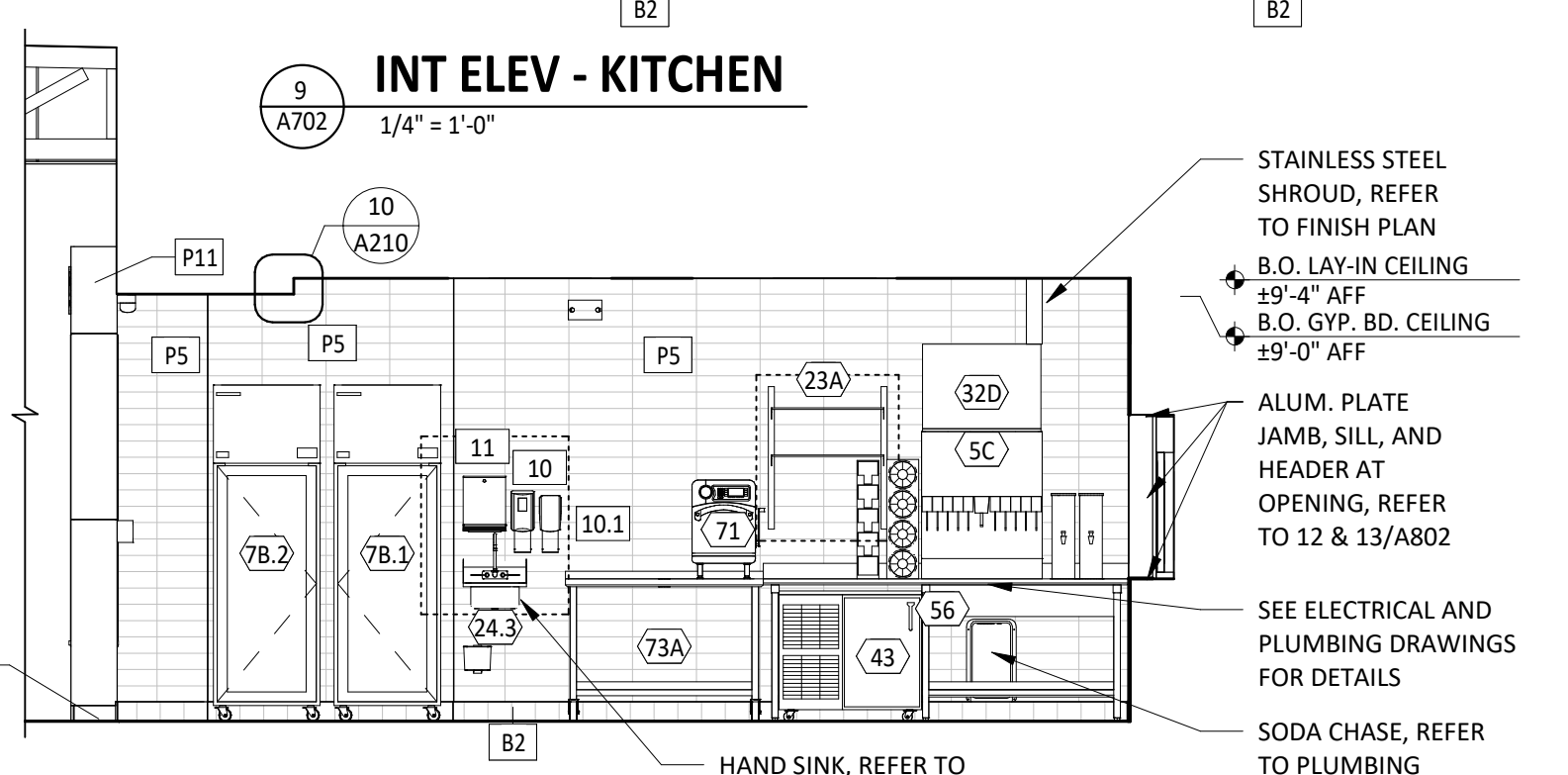
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1/4" = 1'-0"



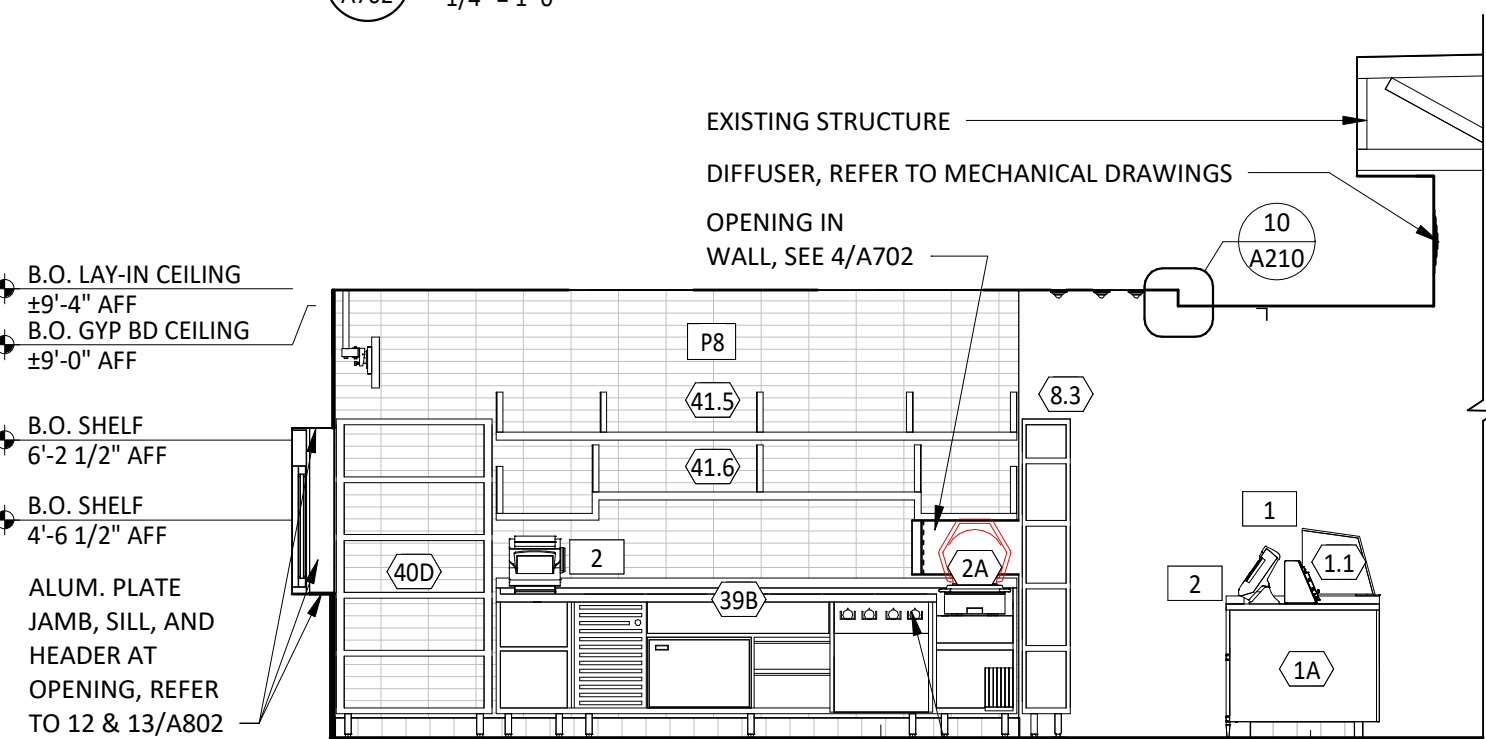
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1/4" = 1'-0"



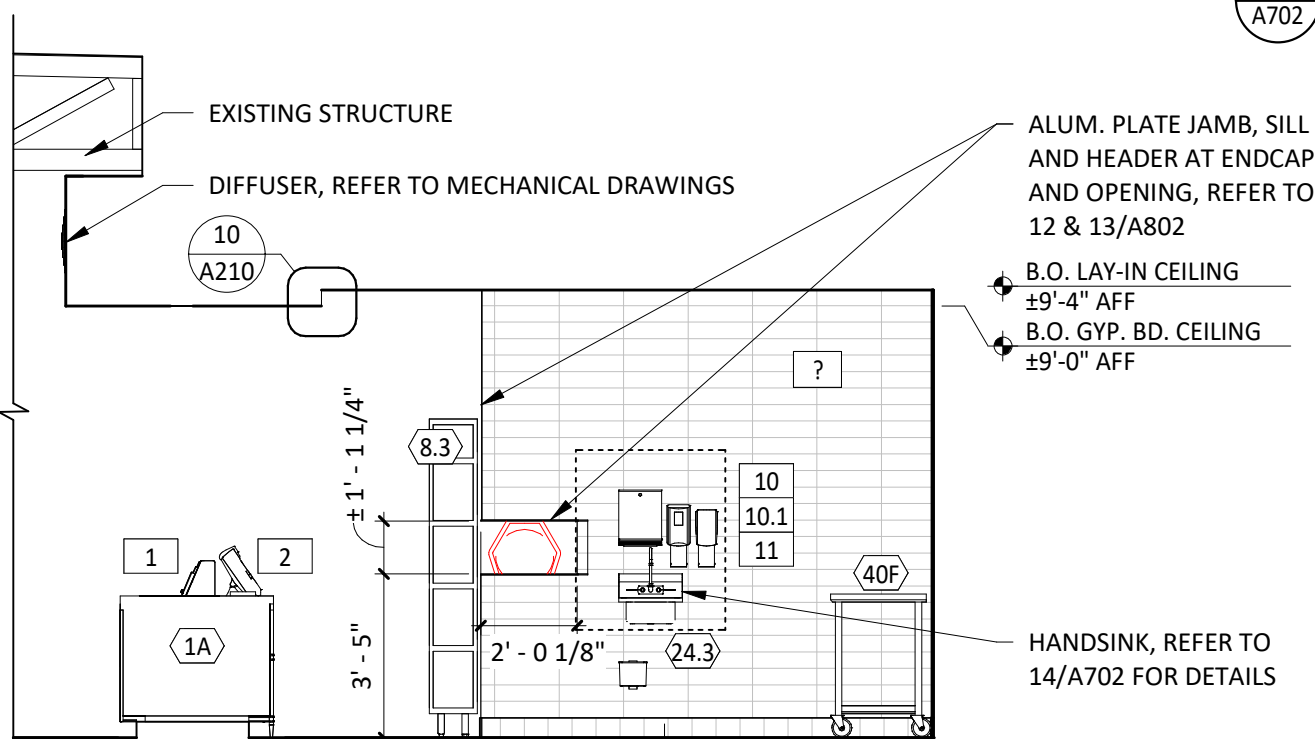
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A702  
1/4" = 1'-0"



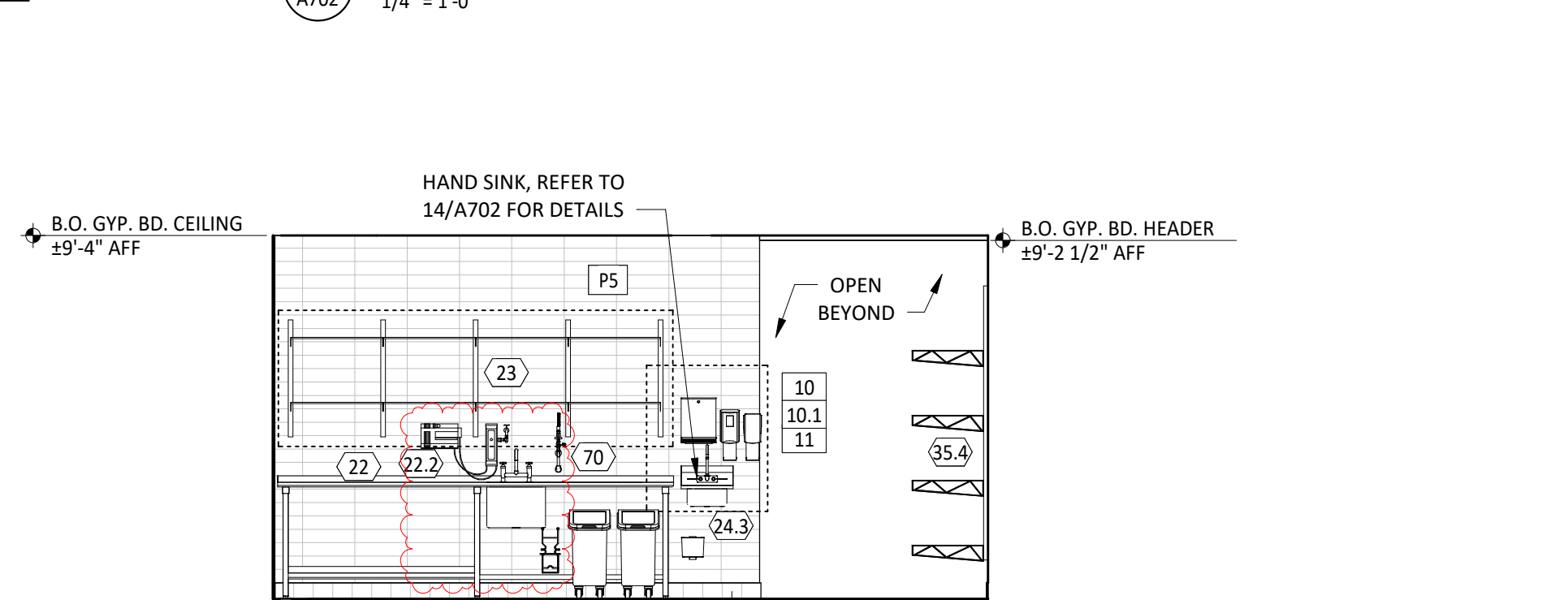
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1/4" = 1'-0"



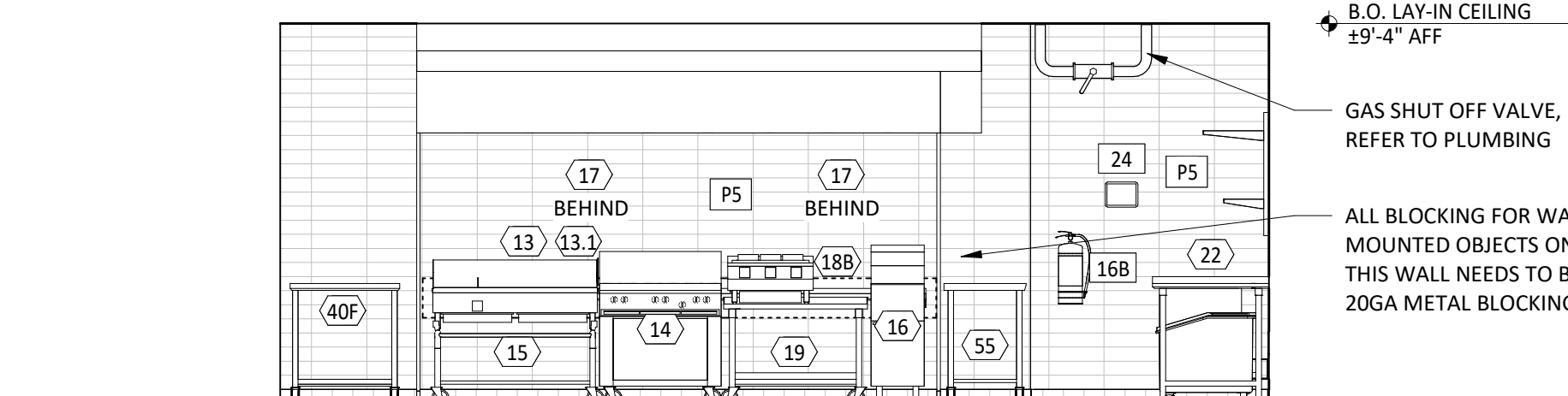
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A702  
1/4" = 1'-0"



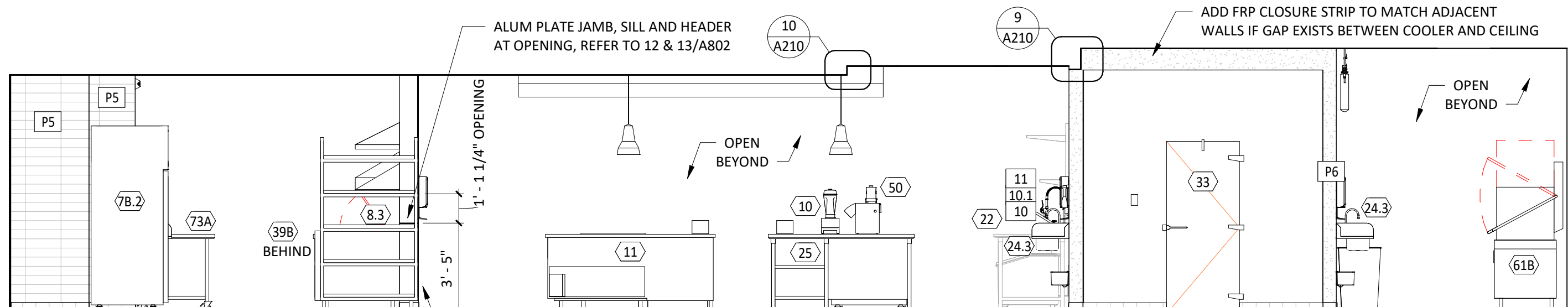
4  
A702  
1/4" = 1'-0"



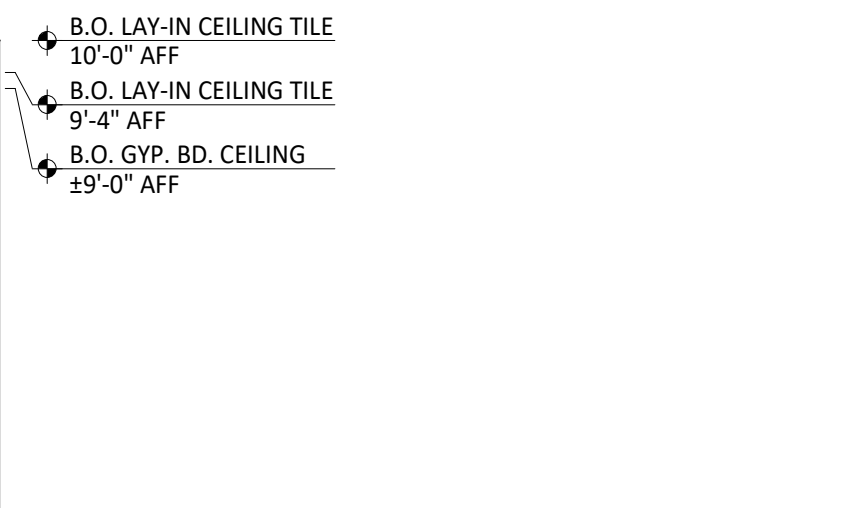
3  
A702  
1/4" = 1'-0"



2  
A702  
1/4" = 1'-0"



1  
A702  
1/4" = 1'-0"



Consultant:

**R/A**

**Red Architecture**

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Issue Record:

09/09/2024 PERMIT SET  
10/23/2024 BID SET  
01/24/2025 CONSTRUCTION SET

Revisions:

2 01/24/2025 DB UPDATES

Drawn:

JTH

Checked:

TC

Project No.

CMG1197

Contents:

ELEVATIONS -  
INTERIOR KITCHEN

A702

| ITEM # | DESCRIPTION                                                                             | MANUF      | MODEL             | QTY | PROVIDED BY | INSTALLED BY | UTILITY |     |       |       | MOUNTING HEIGHT                                                                              | REMARKS                                                                                                                                                                                               |
|--------|-----------------------------------------------------------------------------------------|------------|-------------------|-----|-------------|--------------|---------|-----|-------|-------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                         |            |                   |     |             |              | ELEC    | GAS | WATER | SEWER |                                                                                              |                                                                                                                                                                                                       |
| 1A     | Grab Bar - 36in                                                                         | ASI        | 3501-36           | 2   | WA          | GC           |         |     |       |       | 36" AFF to Top of Grasping Surface                                                           | Provide Plywood Blocking to Mount to Wall                                                                                                                                                             |
| 1C     | Grab Bar - 18in                                                                         | ASI        | 3501-18           | 2   | WA          | GC           |         |     |       |       | 40" AFF to Centerline of Bottom Return                                                       | Provide Plywood Blocking to Mount to Wall                                                                                                                                                             |
| 1D     | Grab Bar - 48in                                                                         | ASI        | 3501-48           | 2   | WA          | GC           |         |     |       |       | 36" AFF to Top of Grasping Surface                                                           | Provide Plywood Blocking to Mount to Wall                                                                                                                                                             |
| 3      | Mirror                                                                                  | ASI        | 600-B1836         | 2   | WA          | GC           |         |     |       |       | Bottom Edge of Reflecting Surface at 40" AFF                                                 | Provide Plywood Blocking to Mount to Wall                                                                                                                                                             |
| 5      | Touch-Free Soap Dispenser                                                               | Purell     | CS8               | 2   | WA          | GC           |         |     |       |       | 47 1/2" AFF to Top of Unit                                                                   |                                                                                                                                                                                                       |
| 7      | Recessed Toilet Paper Dispenser                                                         | ASI        | 0031              | 2   | WA          | GC           |         |     |       |       | 29" AFF to Top of Unit                                                                       | Recess Mounted in Wall - Rough Opening: 6 1/4" X 12 1/4" H X 3 3/8" D<br>Top of Rough Opening: 29 1/4" AFF                                                                                            |
| 8      | Utility Shelf                                                                           | ASI        | 0692              | 2   | WA          | GC           |         |     |       |       | 46" AFF To Top Of Shelf                                                                      | Provide Toggle Bolts to Mount to Wall                                                                                                                                                                 |
| 9      | Recessed Convertible Paper Towel Dispenser and Waste Receptacle, Recess Mounted in Wall | Bobrick    | B-3944            | 2   | WA          | GC           |         |     |       |       | Bottom of Unit at Top of Base, Bottom of Dispenser to be at 40" AFF, Recess Mounting In Wall | Rough Opening: 16" W x 54 3/4" H x 4" D. Provide Plywood Blocking to Mount to Wall                                                                                                                    |
| 12     | Napkin Disposal - Recessed                                                              | ASI        | 0473              | 2   | WA          | GC           |         |     |       |       | Top of Rough Opening @ 29" AFF                                                               | Recess Mounted in Wall - Rough Opening: 11 1/4" W X 15 3/4" H X 4" D                                                                                                                                  |
| 14     | Restroom Hand Sink                                                                      | Kohler     | K-2084            | 2   | GC          | GC           |         |     |       | ●     | Mount Bottom of Front Edge Of The Sink At Exactly 29" AFF                                    |                                                                                                                                                                                                       |
| 14.1   | Restroom Hand Sink Faucet                                                               | T&S        | EC-3102-TMV-LF-05 | 2   | KES         | GC           |         |     |       | ●     |                                                                                              | To Be Furnished With .5 GPM Aerator Installed. Thermostatic mixing valve is also included.                                                                                                            |
| 15     | Hand Sanitizer Dispenser                                                                | Purell     | E58               | 2   | WA          | GC           |         |     |       |       | Align T.O. Unit With T.O. Soap Dispenser                                                     |                                                                                                                                                                                                       |
| 16A    | Surface Mounted Horizontal Baby Changing Station                                        | Koala Care | KB200-05          | 2   | WA          | GC           |         |     |       |       | Mount Bottom of Open Changing Bed at Exactly 27" AFF                                         | GC to Provide adequate blocking to support the baby changing equipment. Blocking shall be installed in such a manner to not damage or compromise the rated assembly of the existing wall construction |

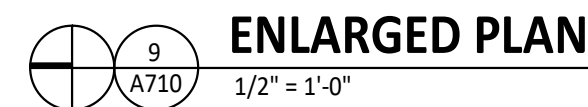
|    |                                                                                                                                                                                                                                                                                                               |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | ALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTES.                                                                                                                                                                                                                                                    |
| 2. | REFER TO A802 FOR TILE NOTES.                                                                                                                                                                                                                                                                                 |
| 3. | ALL ACCESSORIES SHALL BE AS MANUFACTURED BY AMERICAN SPECIALTIES INC OR TENANT APPROVED EQUIVALENT UNLESS DESIGNATED OTHERWISE. PROVIDE SOLID FRT WOOD BLOCKING AS NECESSARY FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. SEE SHEET G002 FOR ACCESSIBILITY GUIDELINES & MOUNTING HEIGHT REQUIREMENTS. |
| 4. | REFER TO A120 FOR FINISH SCHEDULE.                                                                                                                                                                                                                                                                            |
| 5. | REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.                                                                                                                                                                                                                                             |

 DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

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CONSTRUCTION

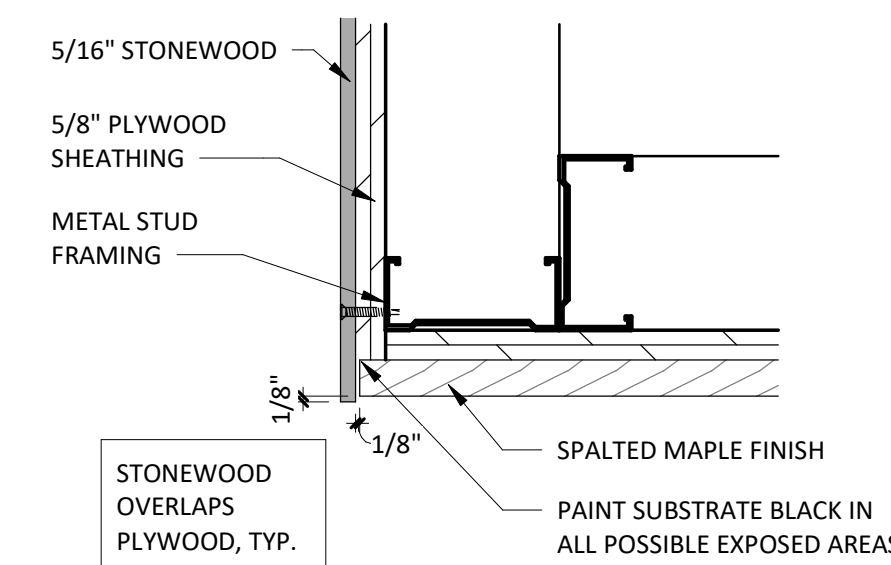
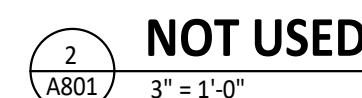
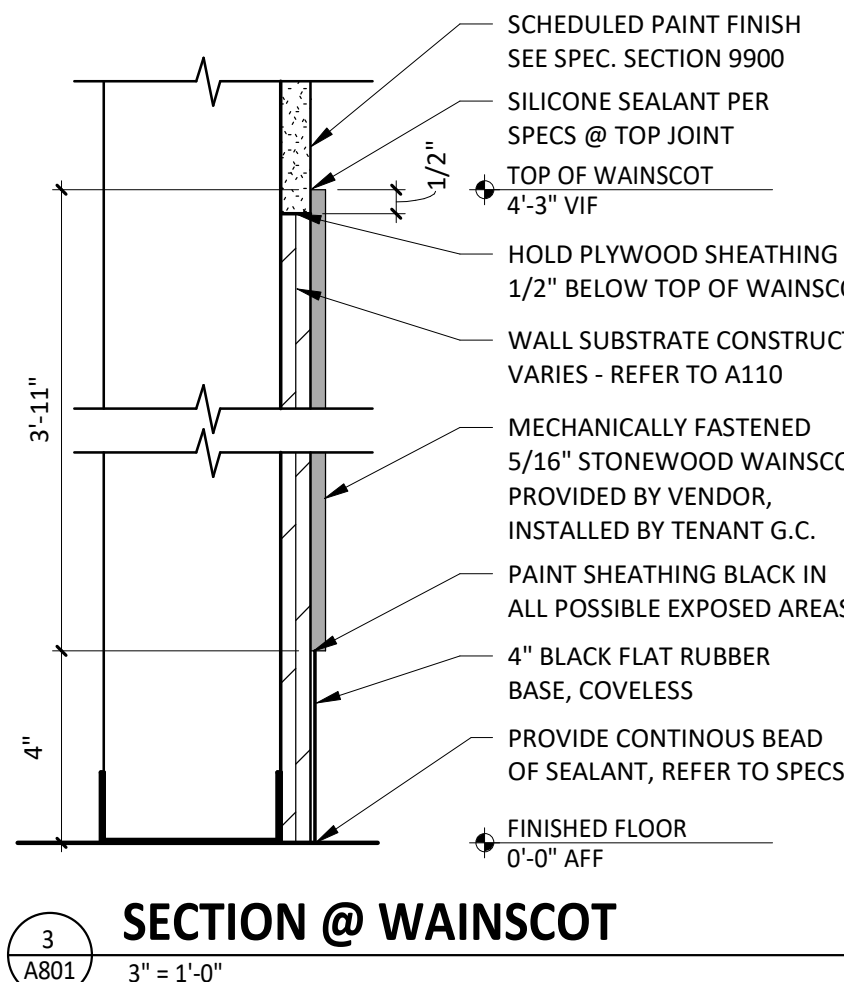
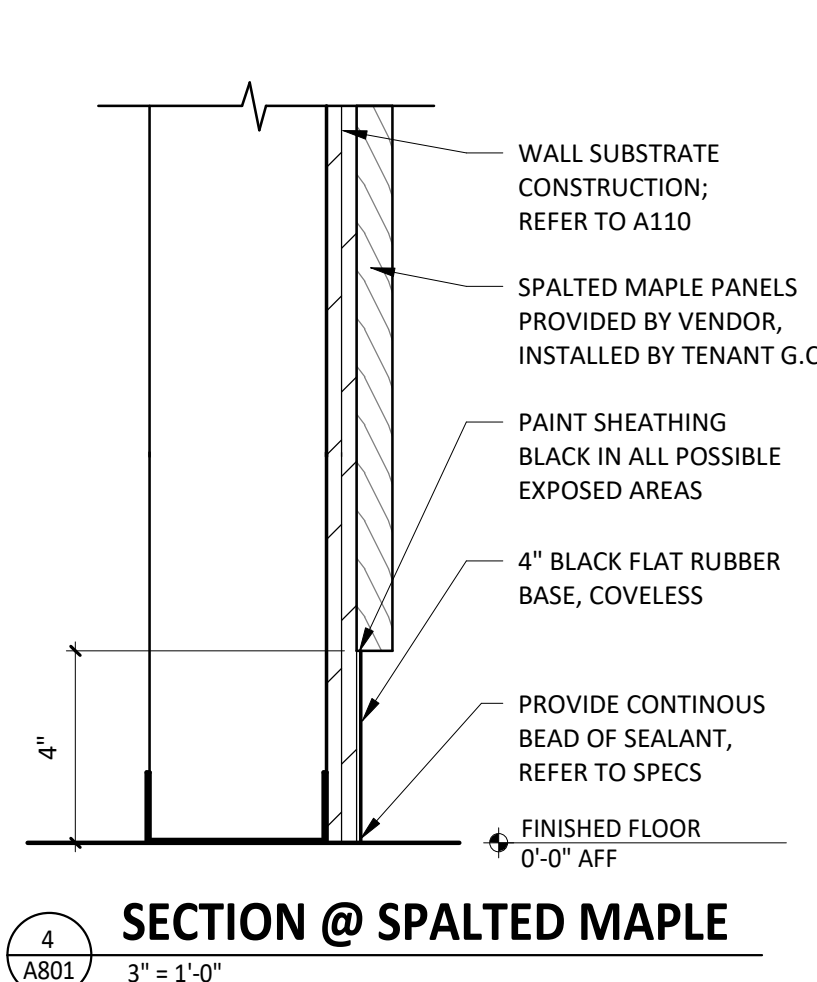
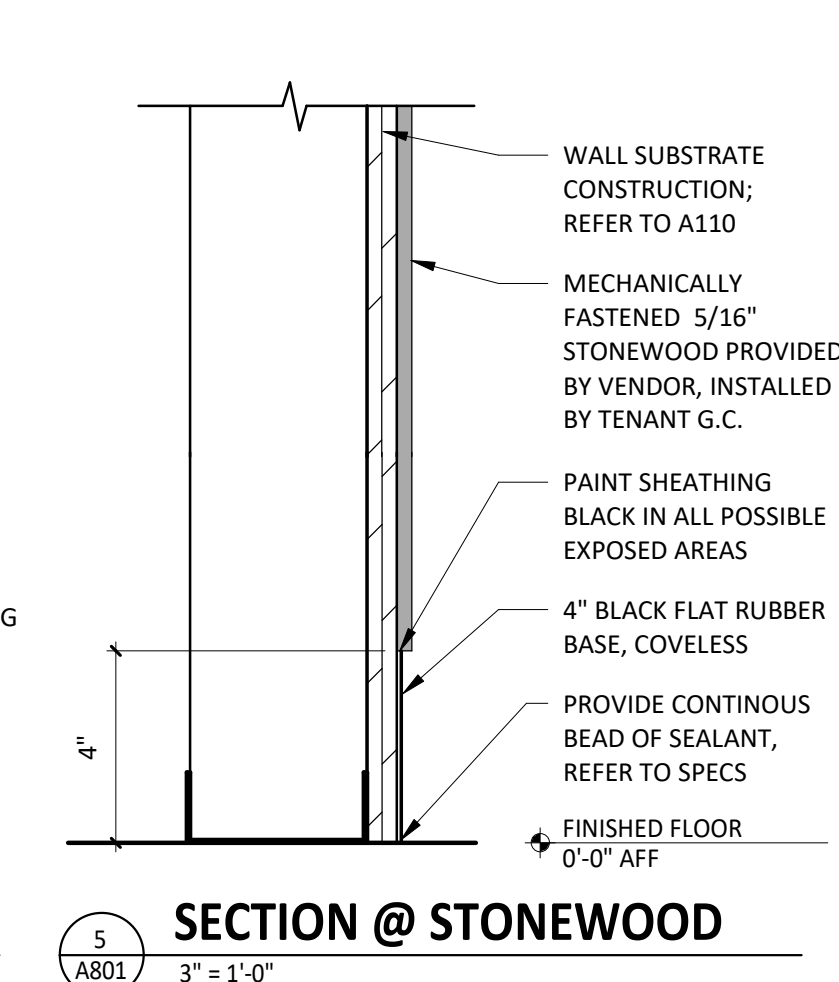
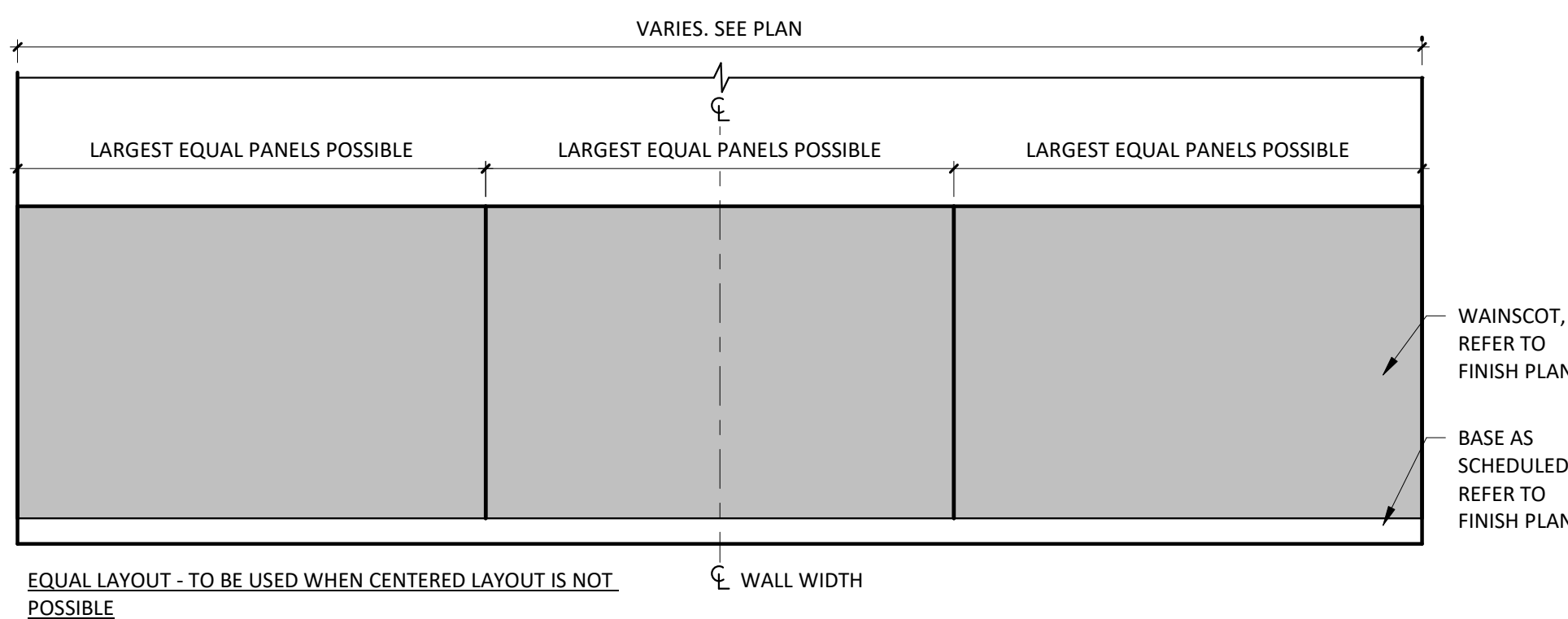
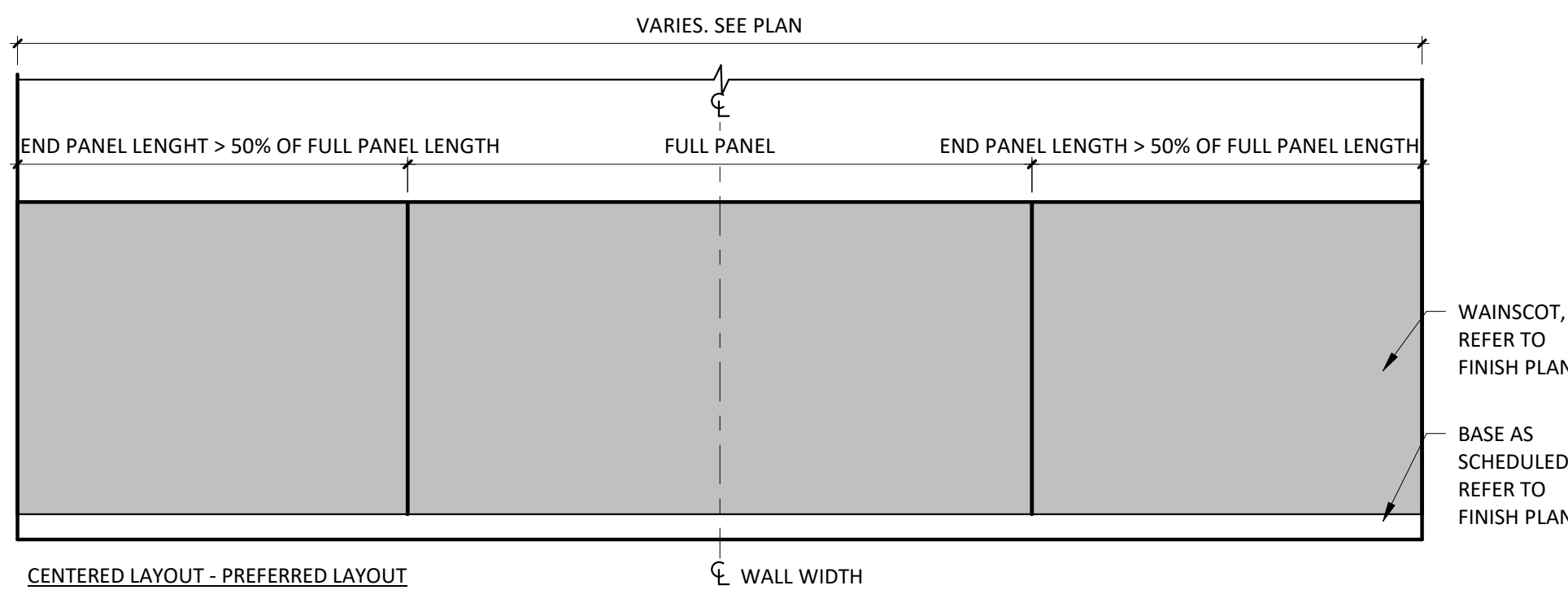


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## RESTROOM DETAILS

A710



GENERAL NOTES

1. TILE INSTALLER SHALL COORDINATE WITH GENERAL CONTRACTOR AND PROVIDE LAYOUT OF ALL WALL TILE PRIOR TO INSTALLATION. GENERAL CONTRACTOR SHALL PREPARE WALLS AS TO NOT HAVE ANY CUT TILES IN EITHER DIRECTION (HORIZONTALLY OR VERTICALLY) ON ANY WALLS. LAYOUT SHALL BE APPROVED BY CHIPOTLE CM PRIOR TO INSTALLATION. CONTRACTOR SHALL CONTACT ARCHITECT OF ANY DISCREPANCIES IN DIMENSIONS FOR DIRECTION PRIOR TO INSTALLATION. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT CONTRACTOR'S COST.
2. IF REQUIRED TO CUT TILES, CONTRACTOR TO MEASURE OVERALL WALL WIDTH AND DETERMINE WHICH SOLUTION WILL ALLOW FOR THE GREATER THAN 25% TILE WIDTH AT WALL TERMINATIONS.
3. UNLESS OTHERWISE NOTED, ALL WALL TILES SHOULD BE CENTERED ON THE WIDTH OF THE WALL PER DETAIL 1 OR 2.
4. THERE SHOULD NEVER BE ANY CUT TILES VERTICALLY BETWEEN THE BASE AND THE CEILING. REFER TO A120 AND A201.

Consultant:

R/A

Red Architecture

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Revisions:

Drawn: JTH

Checked: TC

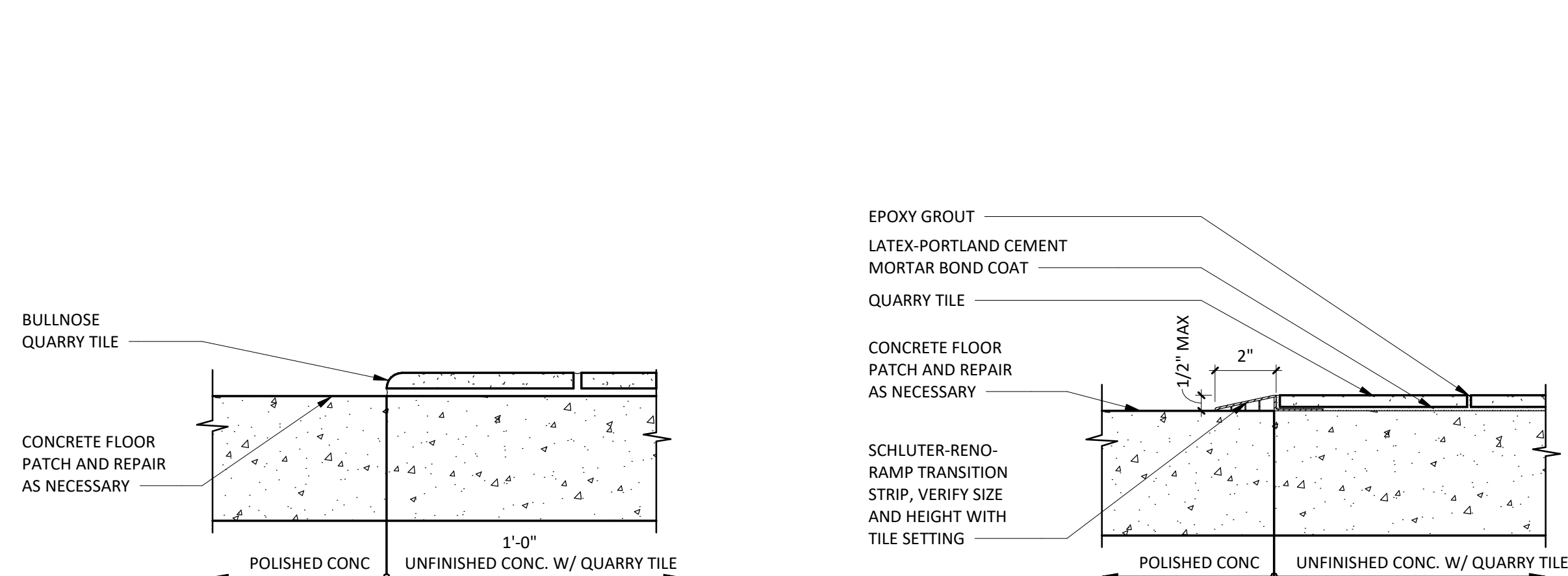
Project No:

CMG1197

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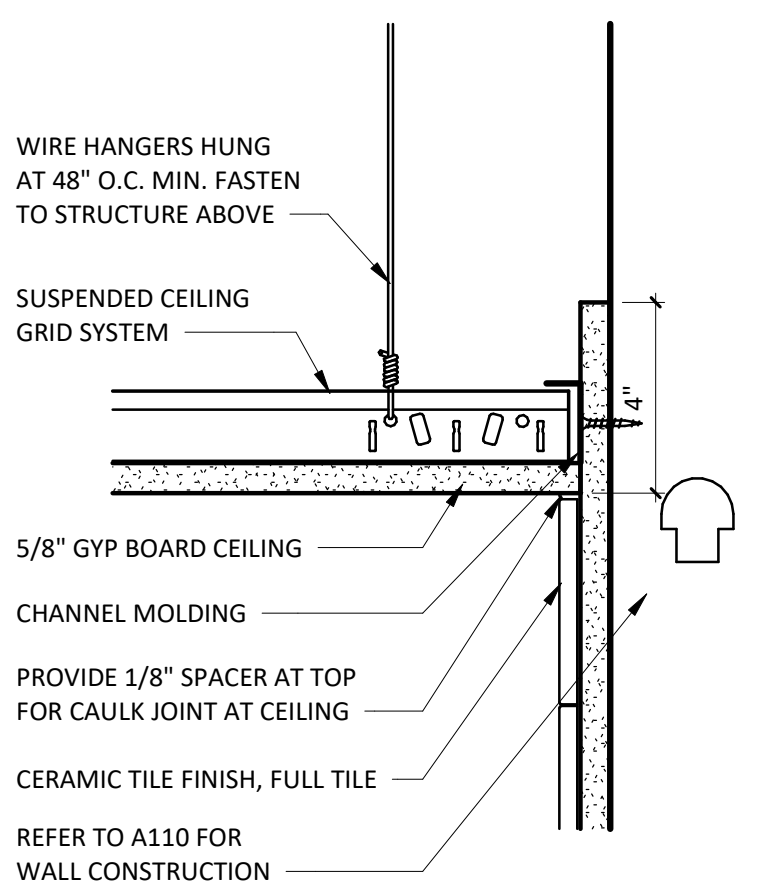
TILE DETAILS

A802

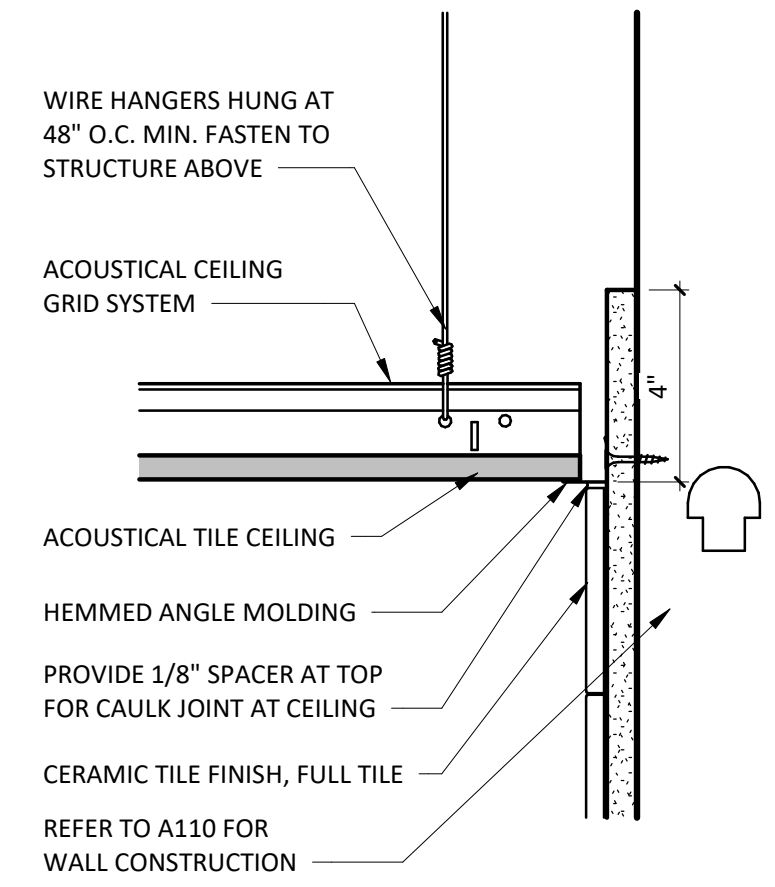


23 FLOOR TRANSITION @ READY TO DRINK  
3" = 1'-0"

22 FLOOR TRANSITION W/ RAMP  
3" = 1'-0"



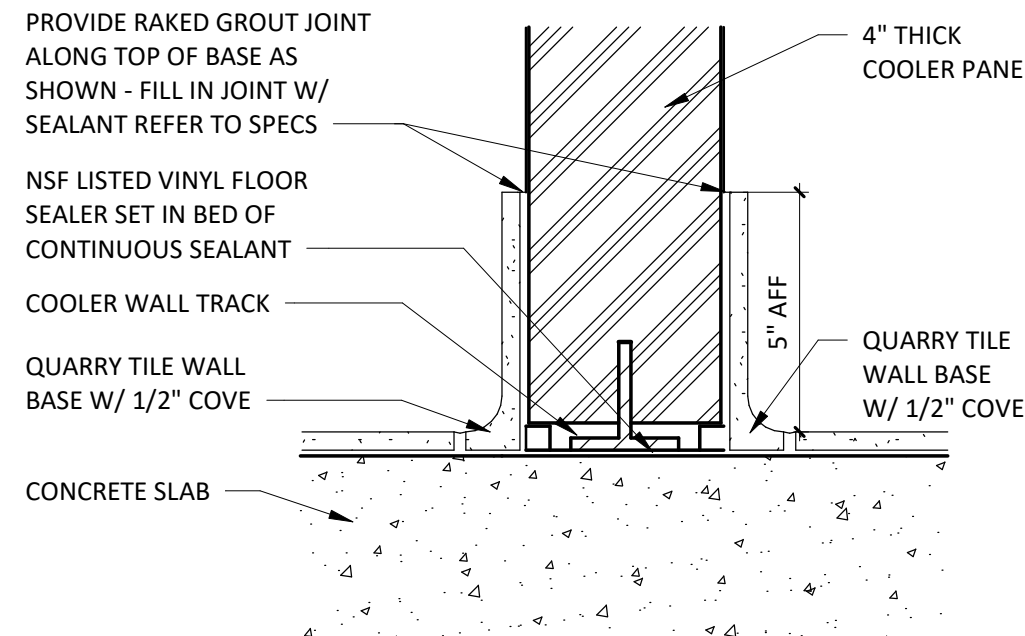
21 TILE DETAIL @ GYP BD CEILING  
3" = 1'-0"



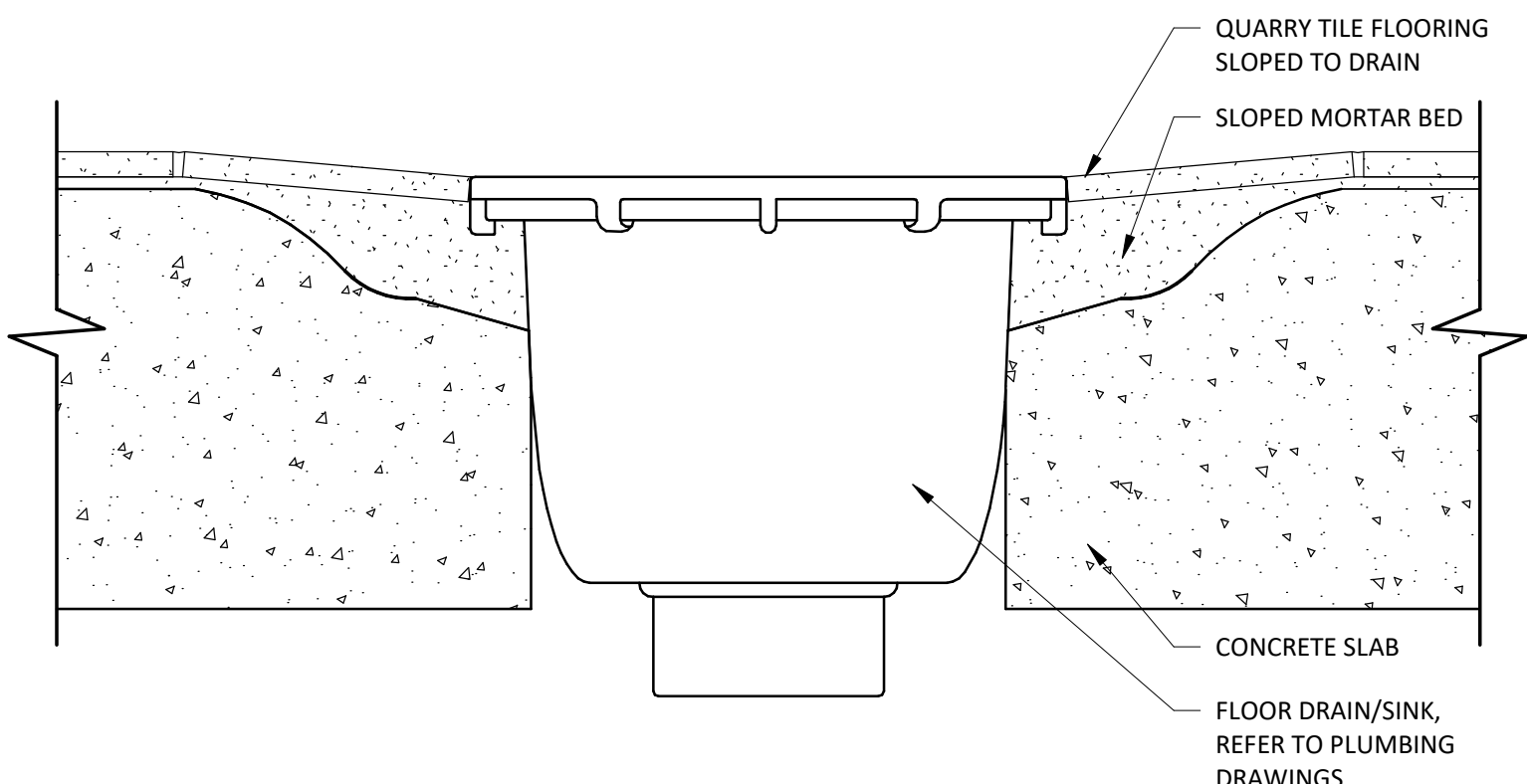
20 TILE DETAIL @ SUSPENDED CEILING  
3" = 1'-0"

INTERIOR

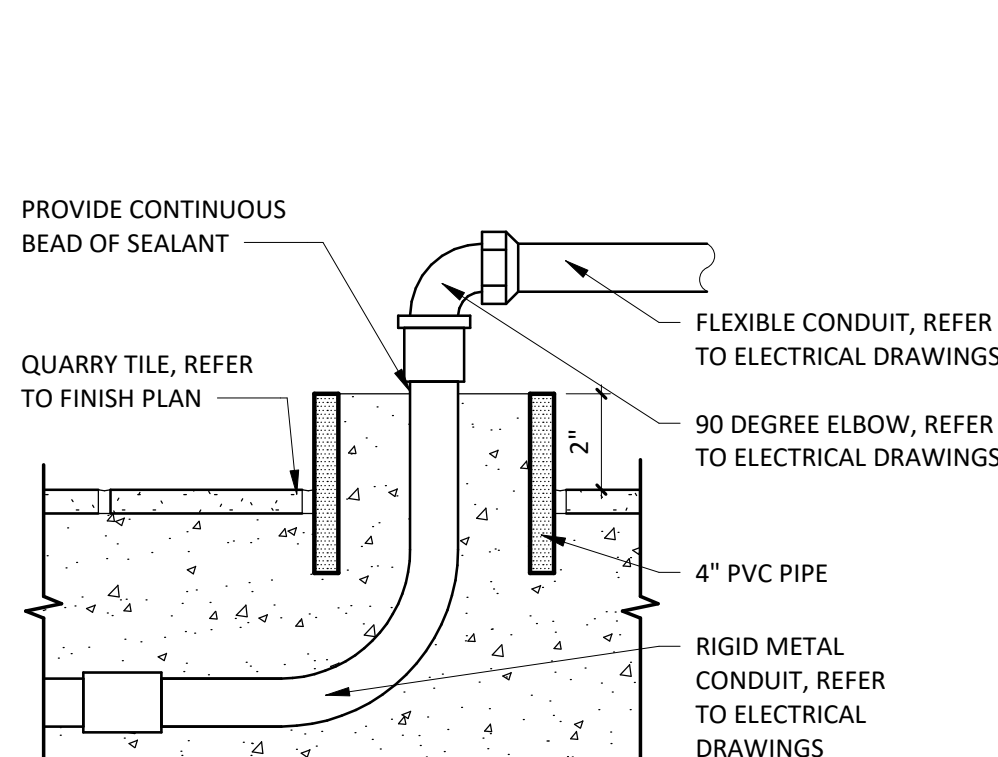
EXTERIOR



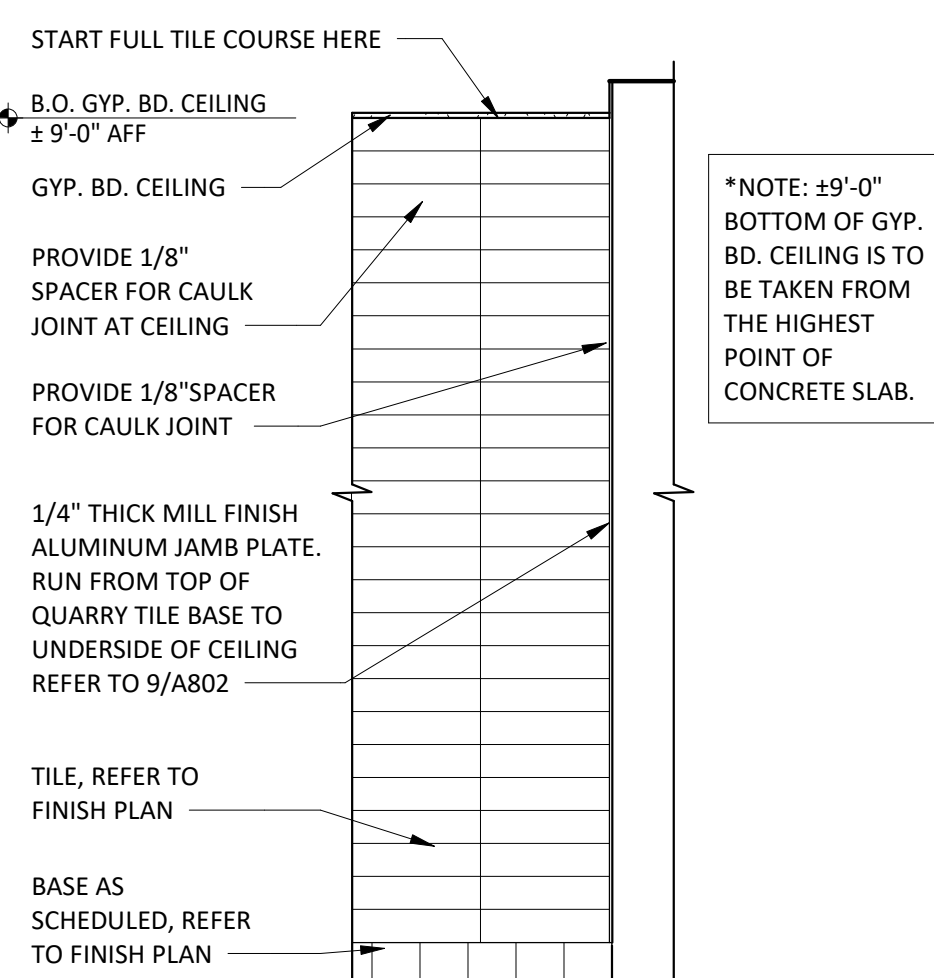
19 COOLER WALL @ QT  
3" = 1'-0"



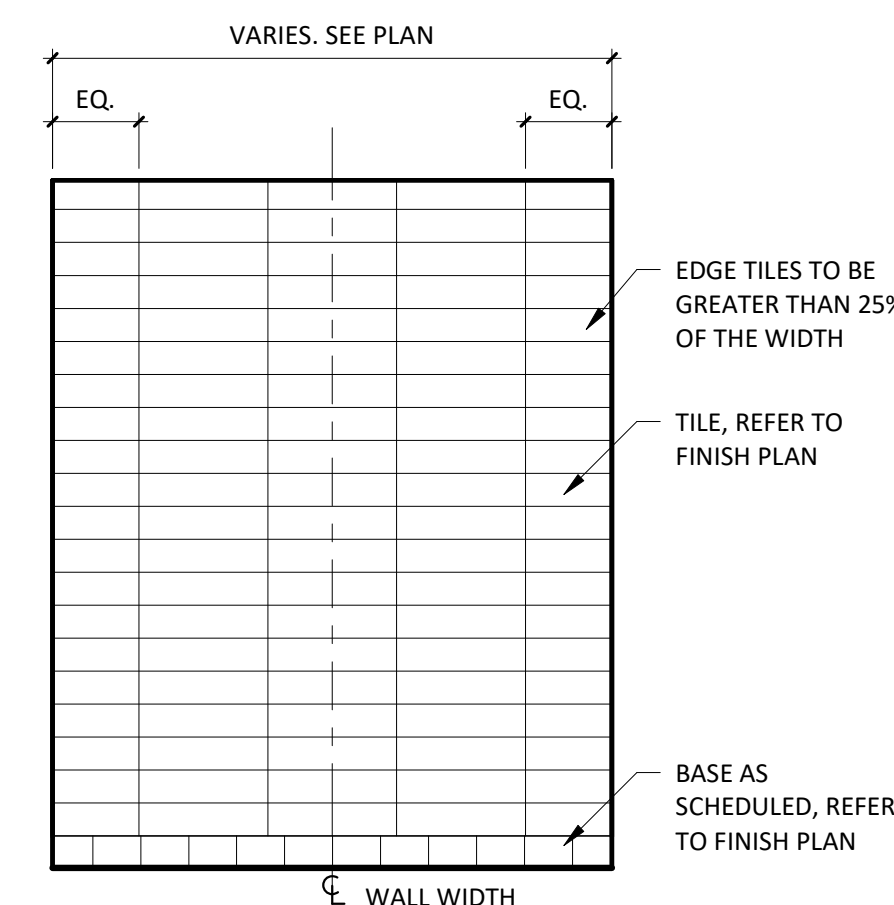
18 TYPICAL QT FLOOR DRAIN/SINK DETAIL  
3" = 1'-0"



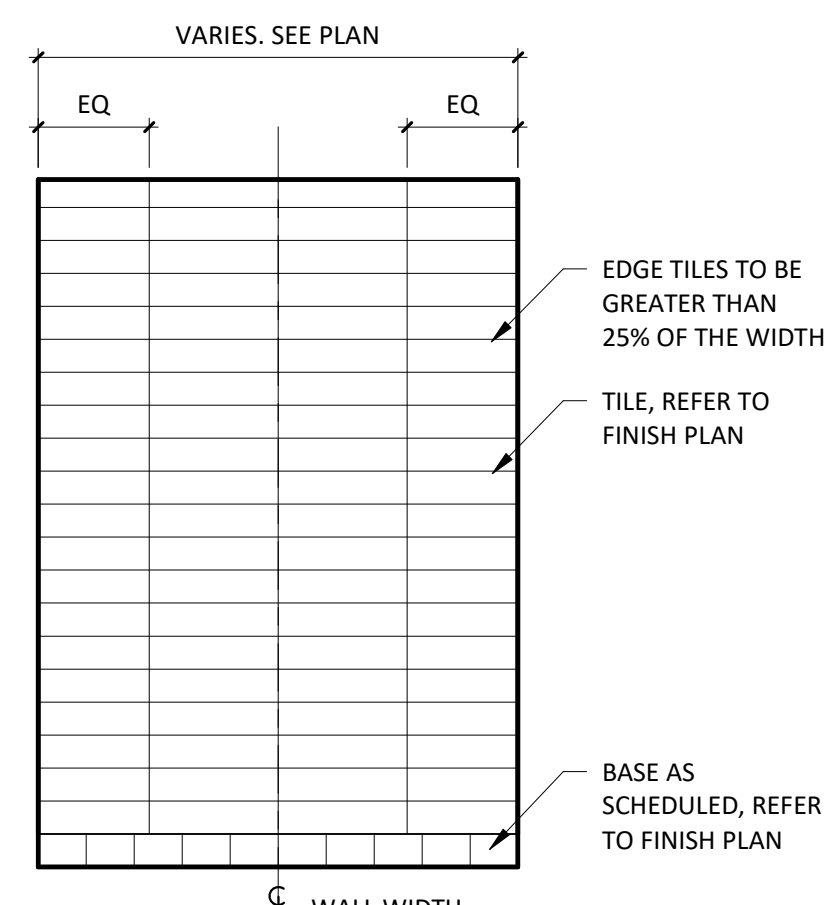
17 STUB SECTION DETAIL UNDER TABLES  
3" = 1'-0"



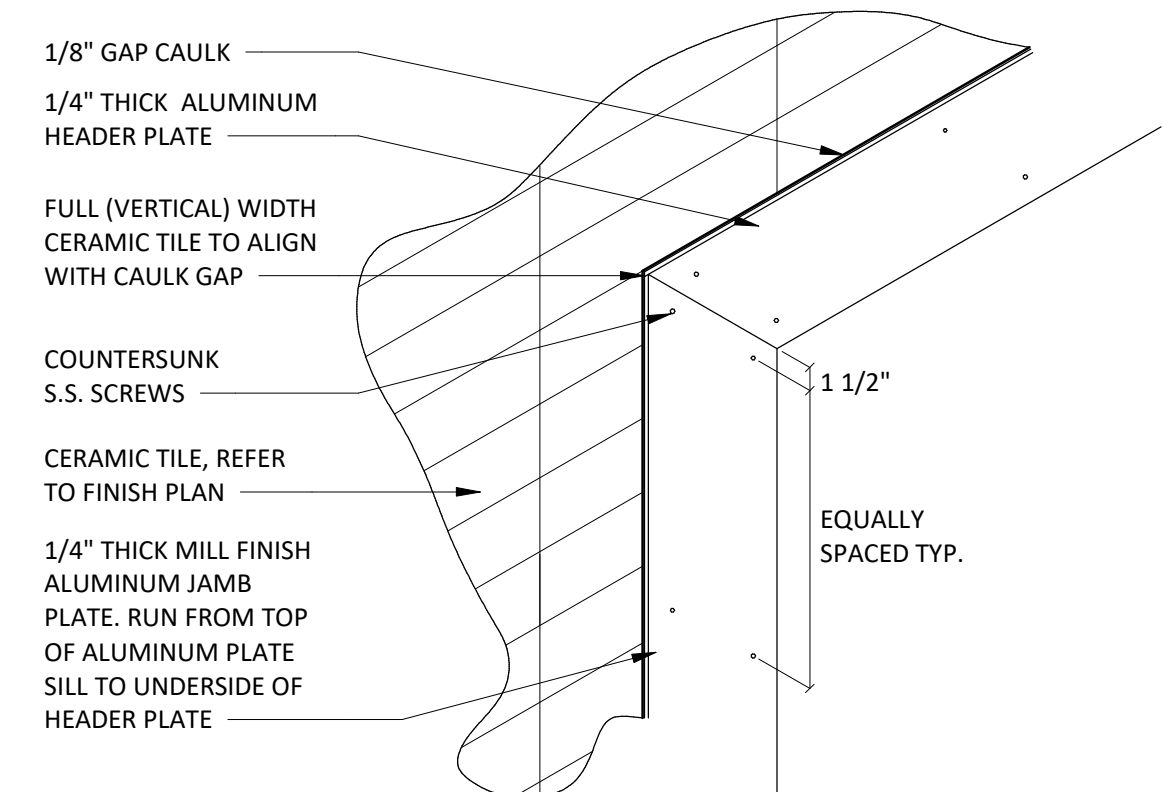
16 KITCHEN WALL ENDCAP TILE LAYOUT  
1/2" = 1'-0"



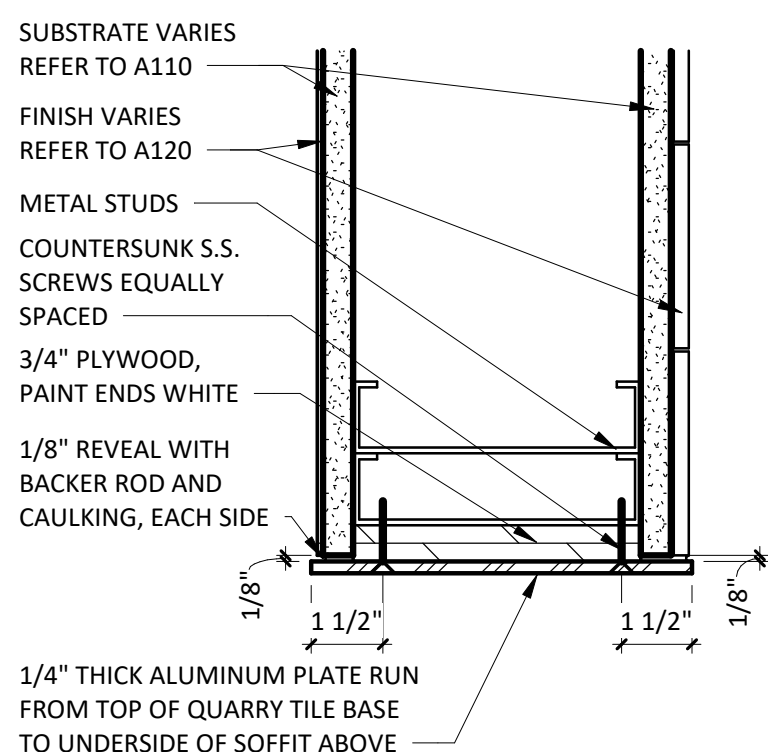
15 TILE CENTERED LAYOUT  
1/2" = 1'-0"



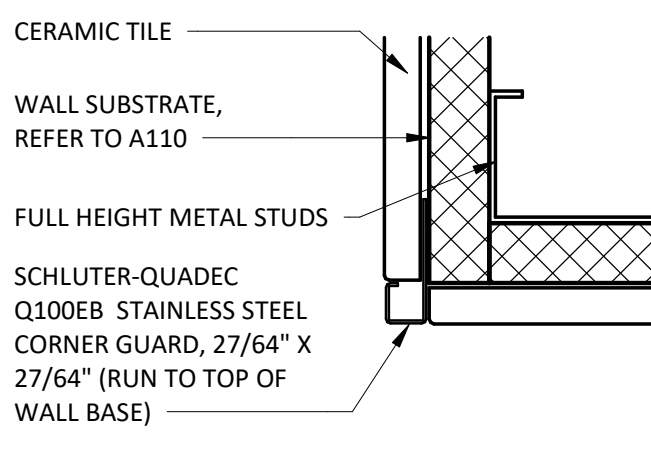
14 JOINT CENTERED LAYOUT  
1/2" = 1'-0"



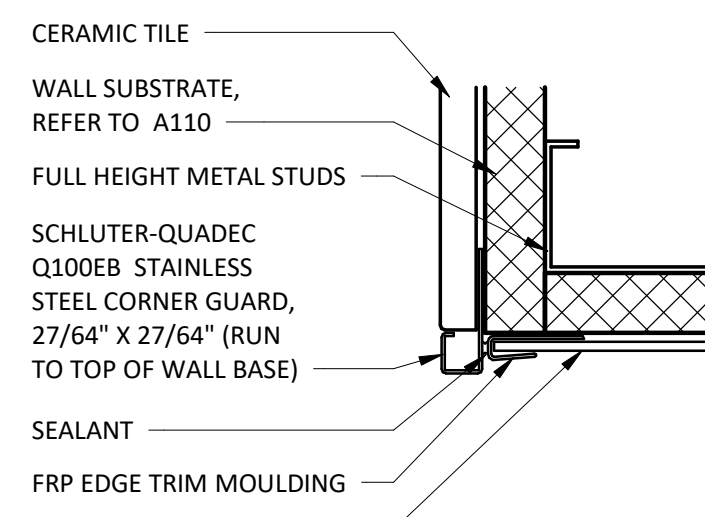
13 TILE DETAIL @ ALUMINUM PLATE HEADER  
1" = 1'-0"



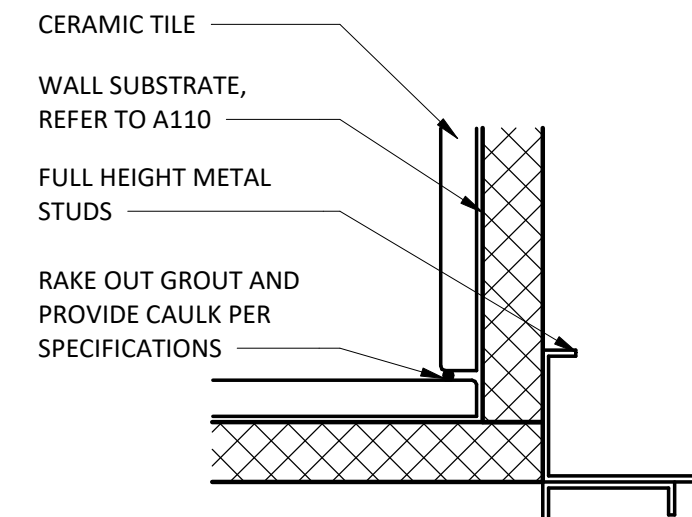
12 ALUMINUM PLATE @ JAMB/HEAD/SILL  
3" = 1'-0"



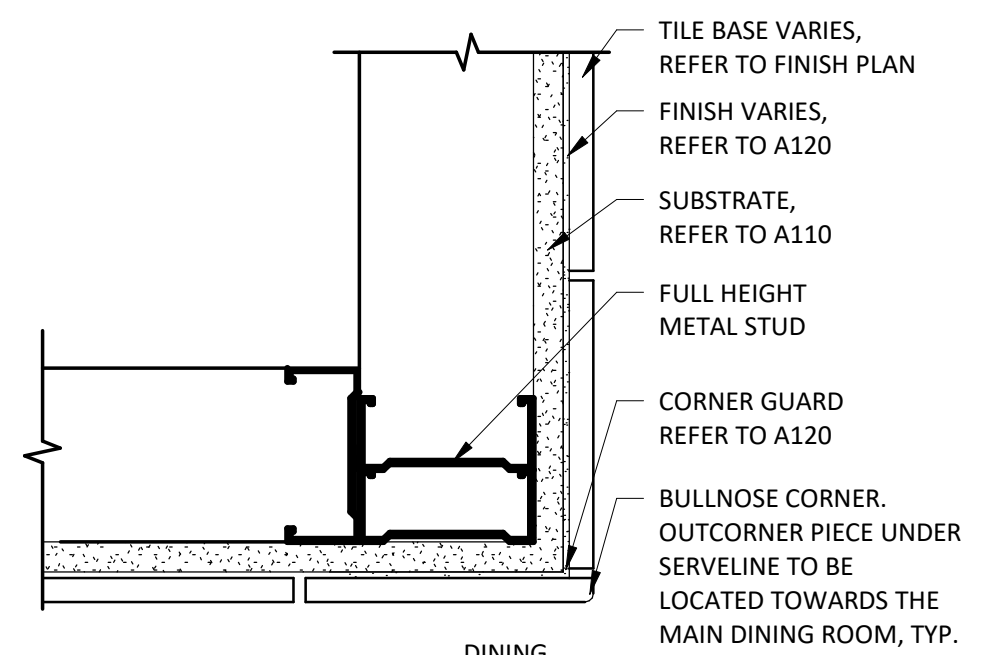
11 TILE TO TILE OUTSIDE CORNER  
6" = 1'-0"



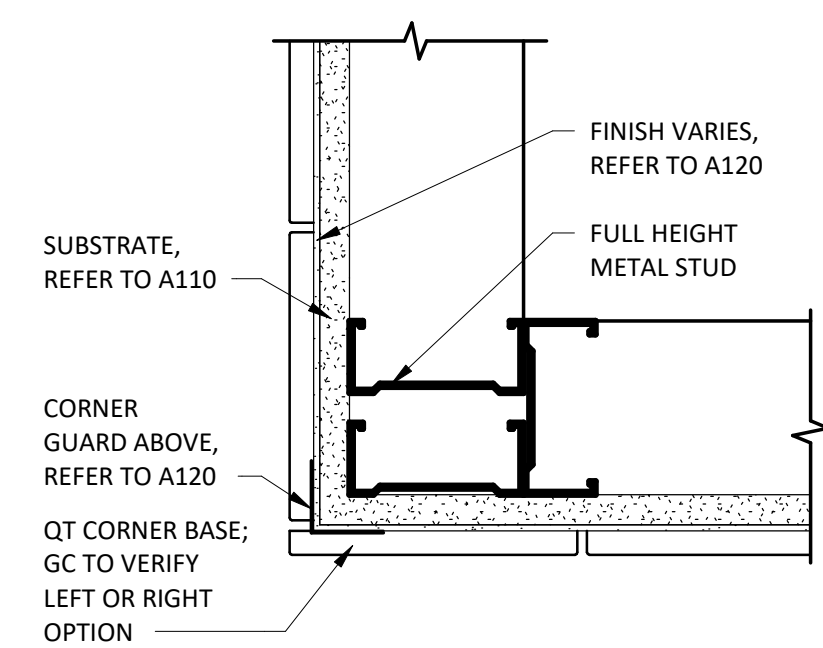
10 TILE TO FRP OUTSIDE CORNER  
6" = 1'-0"



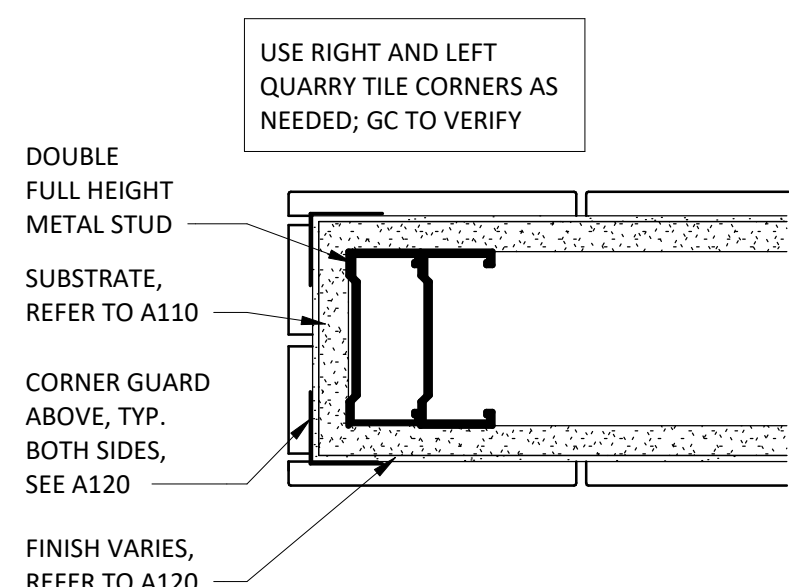
9 TILE TO TILE INSIDE CORNER  
6" = 1'-0"



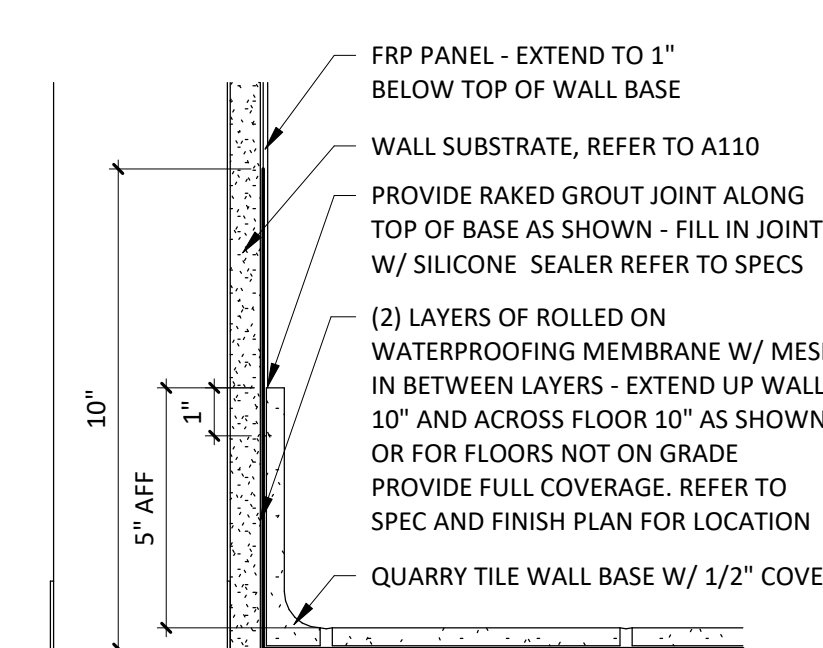
8 TILE BASE - OUTSIDE CORNER (DINING)  
3" = 1'-0"



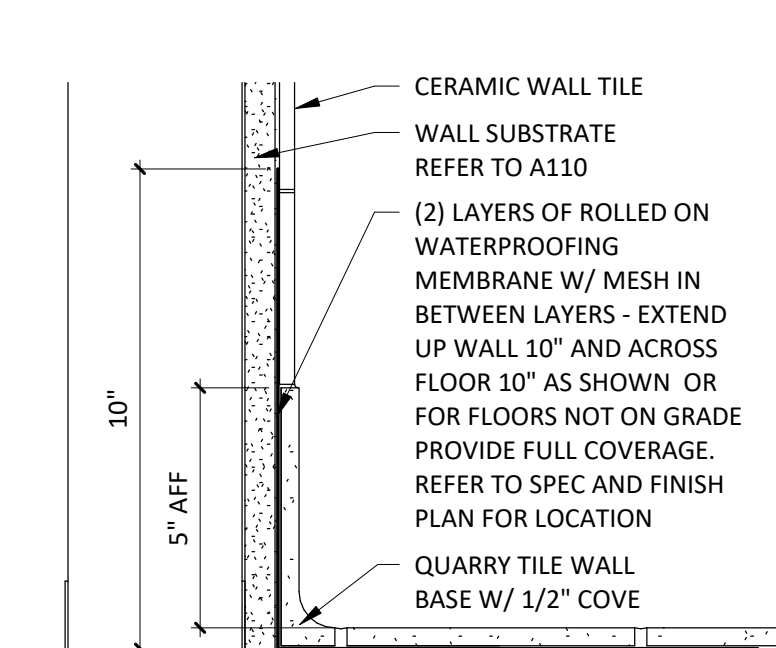
7 QT BASE - OUTSIDE CORNER (KITCHEN)  
3" = 1'-0"



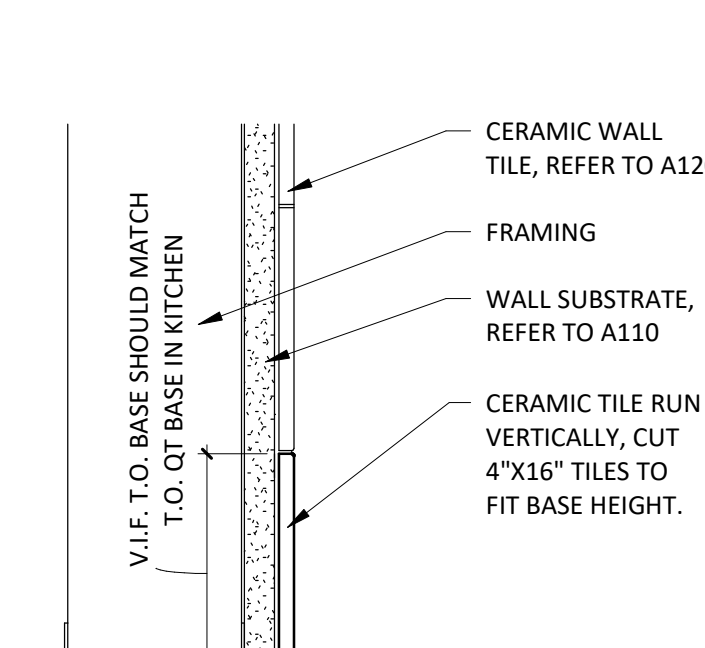
6 QT BASE - ENDCAP  
3" = 1'-0"



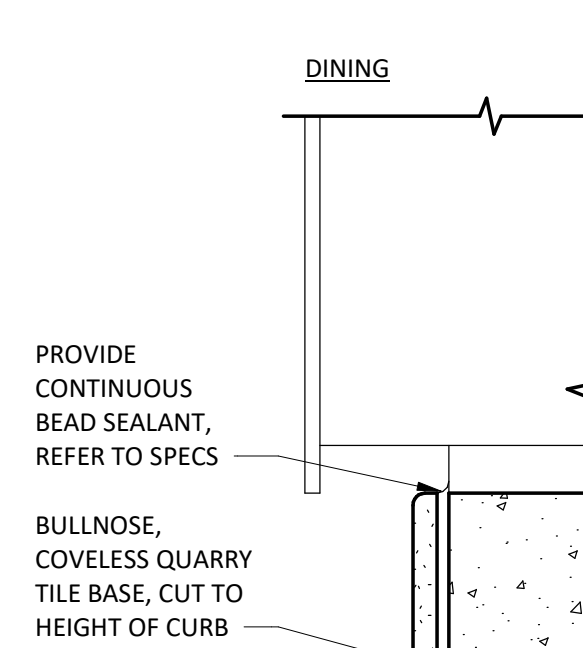
5 QT BASE @ FRP  
3" = 1'-0"



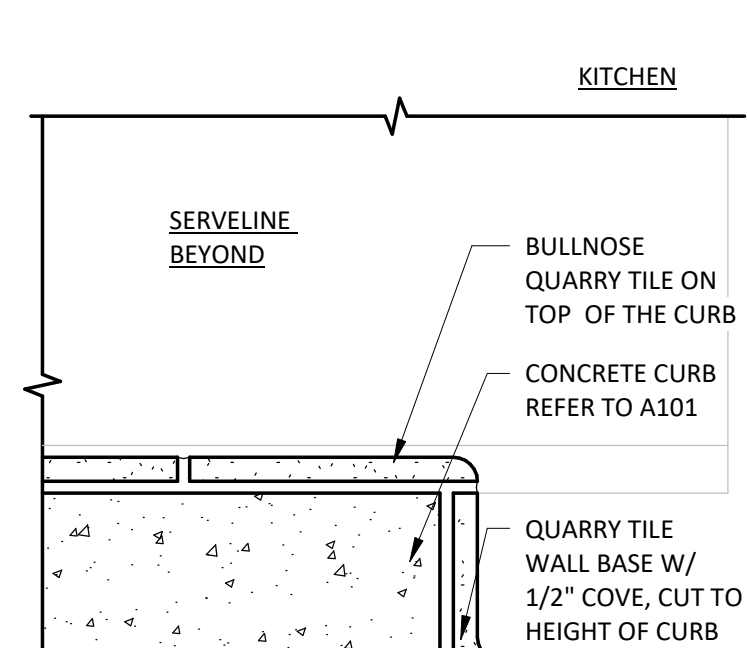
4 QT BASE @ CERAMIC TILE  
3" = 1'-0"



3 CERAMIC TILE BASE  
3" = 1'-0"

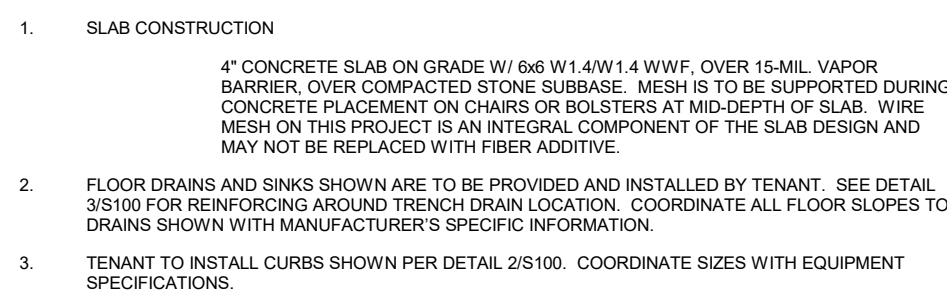


2 QT @ CURB  
3" = 1'-0"



1 QT @ CURB  
3" = 1'-0"





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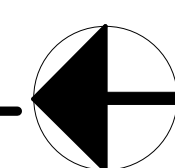
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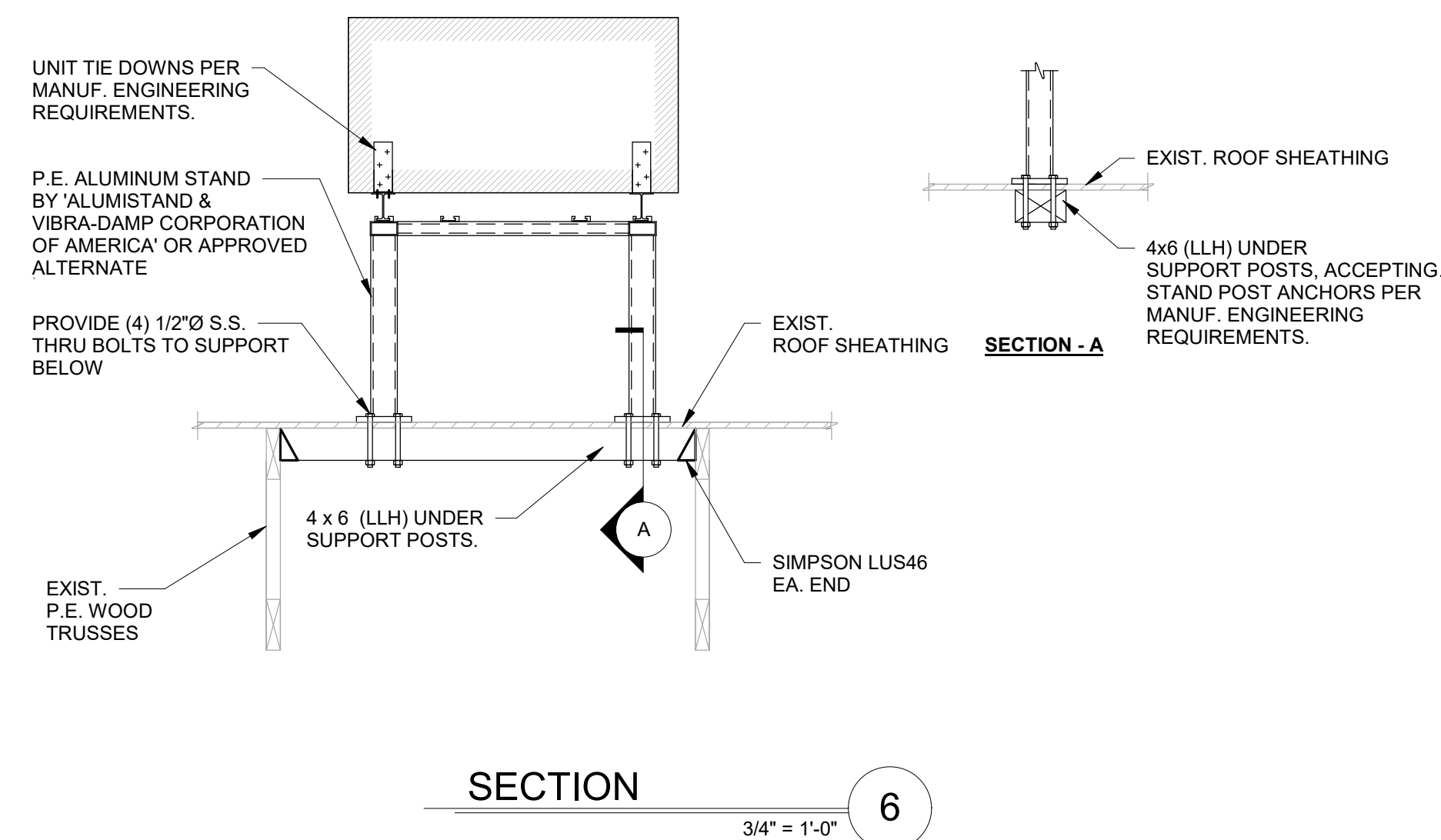
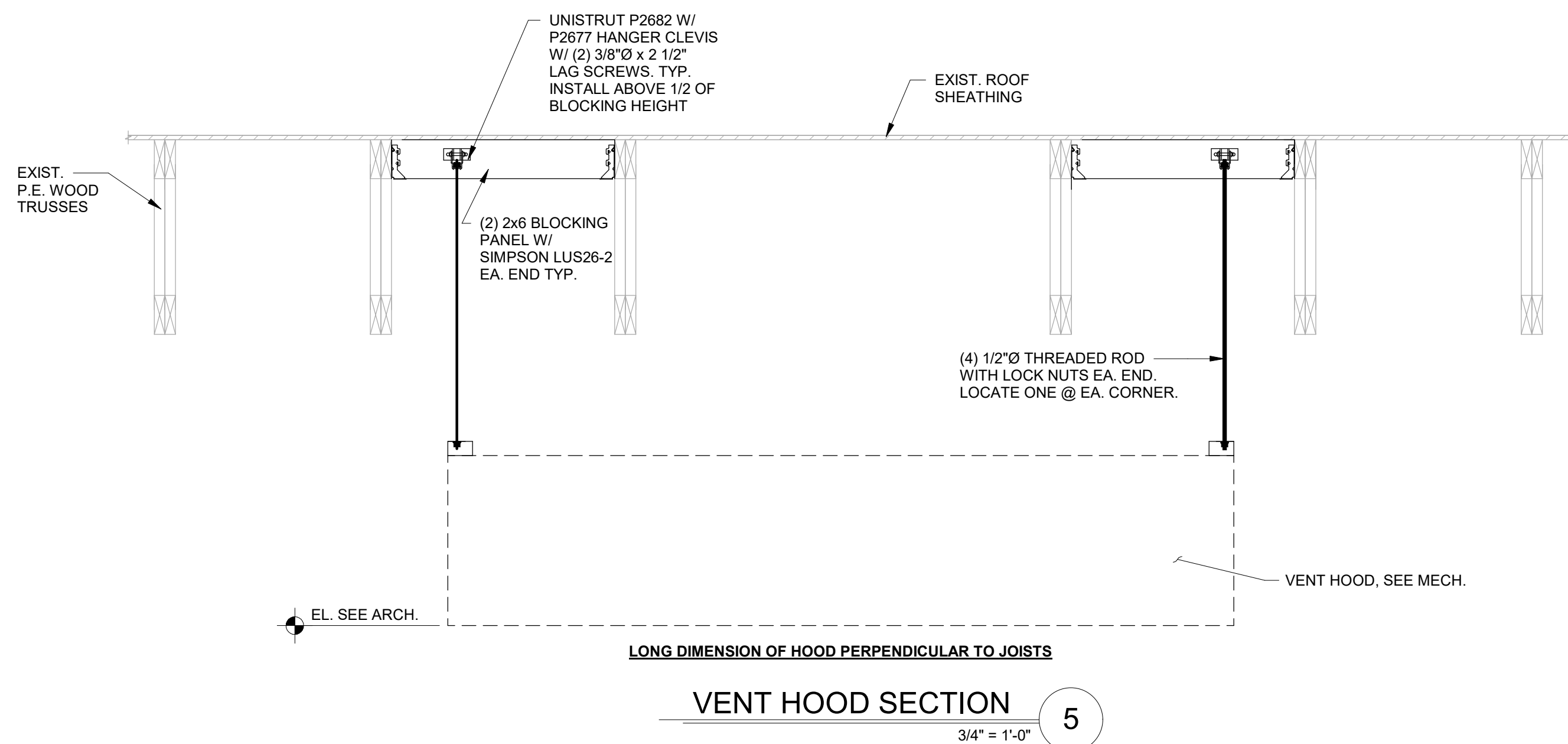
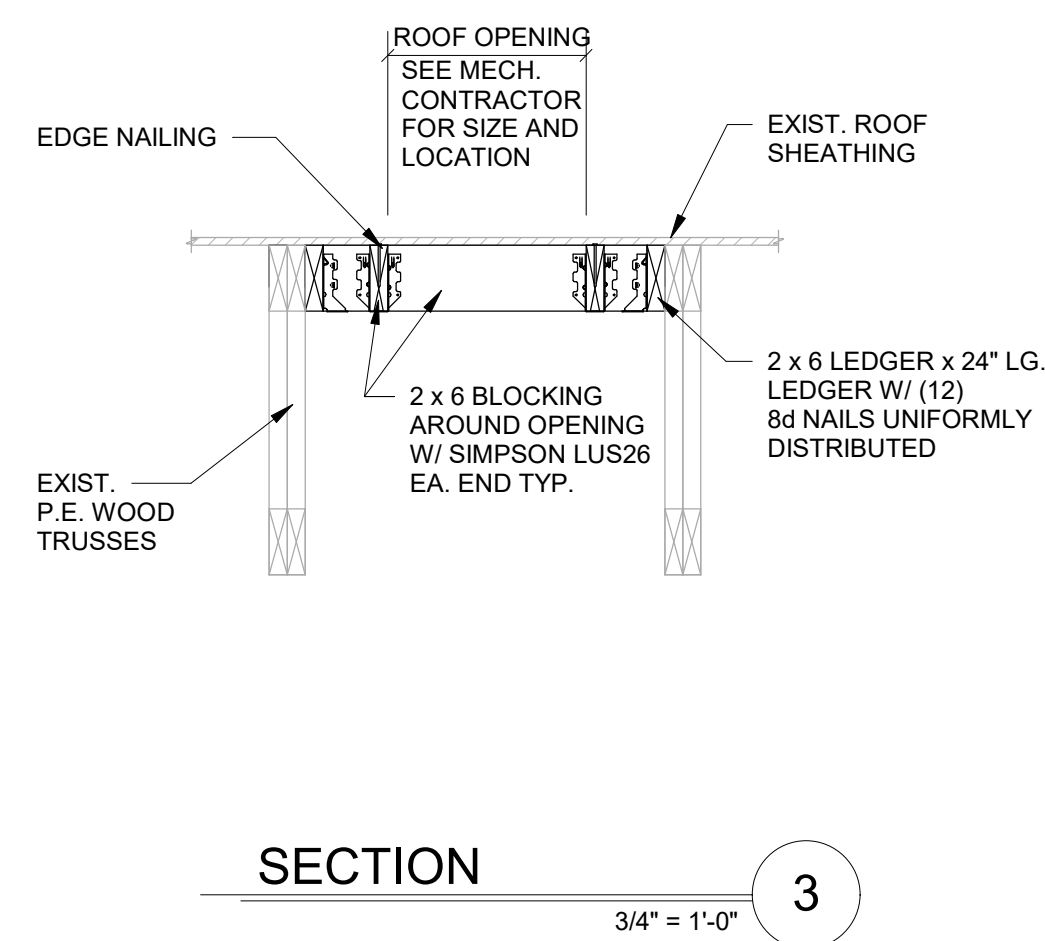
ROOF FRAMING  
PLAN

S110



## GENERAL

11.  INDICATES ROOF OPENING. DETERMINE EXACT SIZE AND LOCATION FROM ARCHITECTURAL AND MECHANICAL DRAWINGS. PROVIDE A FRAME PER SECTION 3/S300 AT ALL OPENINGS GREATER THAN 6" PERPENDICULAR TO THE DECK SPAN



FOR  
CONSTRUCTION

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|                 |                         |
|-----------------|-------------------------|
| Issue Record:   |                         |
| <u>09/10/24</u> | <u>PERMIT SET</u>       |
| <u>10/23/24</u> | <u>BID SET</u>          |
| <u>01/24/25</u> | <u>CONSTRUCTION SET</u> |

[illegible]

|        |          |
|--------|----------|
| Drawn: | Checked: |
| JPK    | LG       |

Project No.  
24.34.334

Contents:

## FRAMING DETAILS

S300

A GENERAL NOTES APPLY TO HVAC SHEETS.

B WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION, INCLUDING APPLICABLE SECTIONS OF NFPA, THE MECHANICAL CODE, AND ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE PERMITS ASSOCIATED WITH THE WORK. OBTAIN INSPECTIONS REQUIRED BY CODE. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.

C CONTRACTOR AND SUBCONTRACTORS SHALL REVIEW A COMPLETE SET OF THE CONSTRUCTION DOCUMENTS.

D COORDINATE WORK WITH THE WORK OF OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND OF THE EXISTING CONDITIONS AT THE PROJECT SITE.

E DRAWINGS FOR THE MECHANICAL WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LOCATION, AND EQUIPMENT REQUIRED. THE DRAWING SHALL NOT BE SCALED FOR EXACT MEASUREMENTS, REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, OFFSETS, ACCESSORIES, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.

F DUCT DIMENSIONS ON PLANS INDICATE DIMENSIONS OF INTERNAL FREE AREA.

G PERFORATED CEILING DIFFUSERS SHALL BE 4-WAY UNLESS NOTED OTHERWISE.

H COORDINATE ROOF WORK WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

I UNLESS NOTED OTHERWISE RECTANGULAR DUCT ELBOWS GREATER THAN 45° SHALL BE MITERED ELBOWS WITH DOUBLE-THICKNESS TURNING VANES AND RECTANGULAR DUCT ELBOWS 45° OR LESS SHALL BE RADIUSSED ELBOWS WITH AN INSIDE RADIUS OF AT LEAST 1/2 THE WIDTH OF THE DUCT.

J REPLACE AIR FILTERS WITH NEW, CLEAN MERV 8 AIR FILTERS AT TURNOVER.

K THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.

L INSTALL LABELING CALLED FOR IN THE MECHANICAL DRAWINGS USING ENGRAVED PHENOLIC PLATES (WHITE WITH BLACK LETTERING).

M PROVIDE P3000 12 GA. UNISTRUT WITH PG FINISH FOR DUCT SUPPORTS AND OTHER UNISTRUT IN AREAS EXPOSED TO VIEW. SLOTTED UNISTRUT AND OTHER UNISTRUT WITH HOLES IS NOT ACCEPTABLE.

| HVAC MATERIAL SCHEDULE |                                |                                                                                                                                                                           |
|------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | APPLICATION                    | ALLOWABLE MATERIAL                                                                                                                                                        |
| DUCT                   |                                |                                                                                                                                                                           |
|                        | CONCEALED, GENERAL EXHAUST     | RECT. OR ROUND AS SHOWN                                                                                                                                                   |
|                        | CONCEALED, RETURN              | RECT. OR ROUND AS SHOWN, LINED OR INSULATED                                                                                                                               |
|                        | CONCEALED, SUPPLY              | RECT. OR ROUND AS SHOWN, LINED OR INSULATED                                                                                                                               |
|                        | CONCEALED, TYPE I HOOD EXHAUST | RECTANGULAR 16 GA. BLACK IRON W/ WRAP OR UL 1978<br>FACTORY-MANUFACTURED DUCT W/ WRAP (SUBMIT SHOP DRAWINGS FOR FACTORY-MANUFACTURED DUCT PRIOR TO ORDERING FOR APPROVAL) |
|                        | EXPOSED GENERAL EXHAUST        | RECTANGULAR, NO EXPOSED DUCT-SEALING MASTIC                                                                                                                               |
|                        | EXPOSED RETURN                 | RECTANGULAR, NO EXPOSED DUCT-SEALING MASTIC                                                                                                                               |
|                        | EXPOSED SUPPLY                 | RECT. LINED OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC                                                                                                             |

|       |                                 |
|-------|---------------------------------|
| (E)   | EXISTING                        |
| ABV   | ABOVE                           |
| ADA   | AMERICANS WITH DISABILITIES ACT |
| AFB   | ABOVE FINISHED FLOOR            |
| AFG   | ABOVE FINISHED GRADE            |
| AHJ   | AUTHORITY HAVING JURISDICTION   |
| BFB   | BELOW FINISHED FLOOR            |
| BFG   | BELOW FINISHED GRADE            |
| BOH   | BACK OF HOUSE                   |
| CLG   | CEILING                         |
| CTE   | CONNECT TO EXISTING             |
| DN    | DOWN                            |
| EXT'G | EXISTING                        |
| FLR   | FLOOR                           |
| FOH   | FRONT OF HOUSE                  |
| GYP   | GYPSUM BOARD                    |
| NTS   | NOT TO SCALE                    |
| O/H   | OVERHEAD                        |
| OBD   | OPPOSED BLADE DAMPER            |
| TYP   | TYPICAL                         |
| U/G   | UNDERGROUND                     |
| UNO   | UNLESS NOTED OTHERWISE          |
| VFD   | VARIABLE FREQUENCY DRIVE        |
| VFC   | VARIABLE SPEED CONTROLLER       |
| W/    | WITH                            |
| WIC   | WALK-IN COOLER                  |

|       |                                            |
|-------|--------------------------------------------|
| COZAS | TENANT'S CO2 ALARM SUPPLIER                |
| CG    | GENERAL CONTRACTOR                         |
| HE5   | TENANT'S HVAC EQUIPMENT SUPPLIER           |
| HS    | TENANT'S HOOD SUPPLIER                     |
| KES   | TENANT'S KITCHEN EQUIPMENT SUPPLIER        |
| LL    | LANDLORD                                   |
| MSS   | TENANT'S MUSIC SYSTEMS SUPPLIER            |
| SP5   | TENANT'S SODA POP SUPPLIER                 |
| TAB   | TENANT'S TEST AND BALANCE VENDOR           |
| TCC   | TENANT'S CABLING CONTRACTOR                |
| TDC   | TENANT'S DUCT CLEANER                      |
| TEMS  | TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER |
| TL5   | TENANT'S LIGHT/LAMP SUPPLIER               |
| TMB   | TENANT'S MENU BOARD SUPPLIER               |
| TMS   | TENANT'S MILL/WORK SUPPLIER                |
| TP    | TENANT'S PHONE SUPPLIER                    |
| TP5   | TENANT'S PANELBOARD SUPPLIER               |
| TRS   | TENANT'S RAILING SUPPLIER                  |
| TSV   | TENANT'S SIGN VENDOR                       |
| TUV   | TENANT'S UV SNAITZER SUPPLIER              |
| WC5   | TENANT'S WALK-IN COOLER SUPPLIER           |
| WHS   | TENANT'S WATER HEATER SUPPLIER             |

|  |                                                                                     |
|--|-------------------------------------------------------------------------------------|
|  | CEILING DIFFUSER                                                                    |
|  | CEILING-MOUNTED<br>RETURN<br>OR EXHAUST REGISTER                                    |
|  | SUPPLY REGISTER                                                                     |
|  | RETURN GRILLE                                                                       |
|  | FLEXIBLE DUCT                                                                       |
|  | MITERED CORNER WITH TURNING VANES                                                   |
|  | DUCTWORK INTERNAL FREE<br>DIMENSIONS<br>(WIDTH/HEIGHT)                              |
|  | RECTANGULAR TO ROUND DUCT TRANSITION                                                |
|  | DUCT-MOUNTED SMOKE DETECTOR                                                         |
|  | MOTOR-OPERATED DAMPER                                                               |
|  | MANUAL VOLUME DAMPER                                                                |
|  | GREASE DUCT CLEANOUT                                                                |
|  | MITERED CORNER WITHOUT TURNING VANES                                                |
|  | GRIDPOINT THERMOSTAT                                                                |
|  | GRIDPOINT ZONE SENSOR MODULE                                                        |
|  | GRIDPOINT SUPPLY PROBE                                                              |
|  | PLAN NOTE: SEE PLAN NOTES LISTED ON<br>THE SAME SHEET FOR NOTE MEANING              |
|  | CONNECT TO EXISTING                                                                 |
|  | EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE<br>ON SHEET M600 FOR EQUIPMENT INFORMATION    |
|  | AUDIO/VISUAL REMOTE SMOKE DETECTOR<br>ANNUNCIATOR WITH REMOTE KEY OPERATED<br>RESET |
|  | GRILL, REGISTER, OR DIFFUSER TAG:<br>TAG<br>NECK SIZE<br>AIRFLOW [CFM]              |

## SECTION 15732 - PACKAGED ROOFTOP AIR-CONDITIONING UNITS

### PART 1 - GENERAL

#### 1.1 SECTION REQUIREMENTS

- Submittals: Product Data and Shop Drawings.
- Comply with ASHRAE 15.
- EER: Equal to or greater than prescribed by the energy code adopted by the Authority Having Jurisdiction.
- Warranties: Submit a written warranty, signed by the manufacturer, agreeing to the repair or replacement of components that fail within 5 years of Substantial Completion.

### PART 2 - PRODUCTS

#### 2.1 PACKAGED UNITS, 5 TO 20 TONS

- Factory assembled and tested, consisting of compressors, condensers, evaporator coils, condenser and evaporator fans, refrigeration and temperature controls, filters, and dampers.
  - Refer to Rooftop Heating/Cooling Unit Schedule on drawing M600 for capacities, and manufacturers.
  - Evaporator Fans: Belt or direct drive, forward curved centrifugal.
  - Exhaust/Relief Fans: Direct drive, forward curved centrifugal or propeller.
  - Condenser Fans: Direct drive propeller.
  - Refrigerant Coils: Aluminum fins and copper coil.
  - Compressors: Serviceable hermetic or fully hermetic, with safety controls, hot gas bypass, and timed off controls.
  - Heat Exchangers: Gas fired, with gas controls, electronic ignition, high limit cutoff, and forced draft provision switch.
  - Economizer controls (Comparative Enthalpy, 100% capacity).
  - Smoke Detectors: Photoelectric in supply and/or return as called for in schedule on sheet M600.
  - Operating Controls: Two stage heating and two stage cooling on units 7-1/2 tons and over.
  - Roof curb.
  - Control Wiring from T-stat to rooftop unit: Shall be 18ga / 7 conductor, rated for plenum applications.
  - Control Wiring from T-stat to remote sensor: Shall be a separate 18ga / 2 conductor shielded, rated for plenum applications.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- Install units level and plumb and firmly anchored.
- Connect gas piping to burner with pipe same size as gas train inlet, and provide union with sufficient clearance for burner removal and service.
- Install ducts to termination in roof mounting frames. Terminate ducts through roof structure.
- Connect units to wiring systems and to ground.

END OF SECTION 15732

## SECTION 15810 - DUCTS AND ACCESSORIES

### PART 1 - GENERAL

#### 1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data for fire and smoke dampers.
- B. Comply with NFPA 90A for systems serving spaces more than 25,000 cu. ft. in volume or building Types II, IV, and V construction more than 3 stories in height.
- C. Comply with NFPA 90B for systems serving spaces in 1 or 2 family dwellings or serving spaces less than 25,000 cu. ft..
- D. Comply with NFPA 96, "Ventilation Control and Fire Protection of Commercial Cooking Operations," for kitchen hood ducts.
- E. Comply with UL 181 and UL 181A for ducts and closures.
- F. Testing, Adjusting, and Balancing Agency Qualifications: AABC certified (to be furnished by Tenant).

### PART 2 - PRODUCTS

#### 2.1 DUCTS

- A. Spiral Duct: Spiral Lock Seam, without insulation, G90 galvanized finish, ASTM A-653/G94
  - 1. Basis of Design Manufacturers: Lindab SPIROSafe, alternates to the basis of design must be submitted for review.
  - 2. Fittings: Factory produced standing seam construction with internal sealing. Fittings with a major axis of 36" or smaller shall be 20 gauge. Fittings with a major axis of 37"-48" shall be 18 gauge.
- B. Galvanized Steel Sheet: Forming steel, ASTM A 653/653M, G90 coating designation.
- C. Duct Liner: ASTM C 1071, Type II, with an airstream surface coated with a temperature resistant coating. Thickness: 1-1/2 inch. R-value: 8.
  - 1. Adhesive: ASTM C 916, Type I.
  - 2. Mechanical Fasteners: Galvanized steel pin, length as required to penetrate liner plus a 1/8 inch projection maximum into the airstream.
- D. Joint and Seam Tape: Comply with UL 181A.
- E. Joint and Seam Sealant: Comply with UL 181A.
- F. Rectangular Metal Duct Fabrication: Comply with SMACNA's "HVAC Duct Construction Standard" for metal thickness, reinforcing types and intervals, tie rod applications, and joint types and intervals.

## 2.2 ACCESSORIES

- A. Volume-Control Dampers: Factory fabricated volume control dampers, complete with required hardware and accessories. Single blade and multiple opposed blade, standard leakage rating, and suitable for horizontal or vertical applications.
- B. Fire Dampers: Factory-fabricated fire dampers, complete with required hardware and accessories. UL labeled according to UL 555, "Fire Dampers".
- C. Flexible Connectors: Flame retardant or noncombustible fabrics, coatings, and adhesives complying with UL 181, Class 1.
- D. Rievolve Ducts: Factory fabricated, insulated, round duct, with an outer jacket enclosing 2 inch thick, glass fiber insulation, R-value: 6.0, around a continuous inner liner.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Duct System Pressure Class: Construct and install each duct system with 2 inch positive and negative duct pressure classifications.
- B. Conceal ducts from view in finished and occupied spaces. Except where noted as exposed.
- C. Avoid passing through electrical equipment spaces and enclosures.
- D. Support and connect metal ducts according to SMACNA's "HVAC Duct Construction Standard".
- E. Install duct accessories according to applicable portions of details of construction as shown in SMACNA standards.
- F. Install liner and/or insulation on ductwork per the material schedule on sheet M010.
- G. Install volume control dampers in lined duct with methods to avoid damage to liner and to avoid erosion of duct liner.
- H. Install fire and smoke dampers according to manufacturer's UL approved written instructions.
- I. Install fusible links in fire dampers.
- J. Provide saddle taps at tees for exposed ductwork.

### 3.2 TESTING, ADJUSTING, AND BALANCING

- A. The Tenant will supply an independent balance agent to balance and adjust the HVAC installation. The balance agent will be responsible for any pulley or belt changes required.
- B. The GC is to have trained staff available during the balancing to correct issues noted by the balance agent.
- C. The balance agent is to balance airflow within distribution systems, including submain, branches, and terminals to indicated quantities +/- 10%. The hood exhaust system shall be balanced to a tolerance of -0+10% and the make-up air system to a tolerance of -10+0%.
- D. The balance agent is to supply a copy of the balance report to the Tenant, engineer and general contractor for review.

END OF SECTION 15810

SECTION 15855 - DIFFUSERS, REGISTERS, AND GRILLES  
PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: None.

PART 2 - PRODUCTS

2.1 OUTLETS AND INLETS

A. All air terminal devices:

1. Refer to Grills, Registers, and Diffusers Schedule.

2. Manufacturer: As scheduled (NO SUBSTITUTIONS)

3. Material: As scheduled.

4. Finish: As scheduled.

5. Mounting: As scheduled.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Coordinate location and installation with ductwork items.

B. Locate ceiling diffusers, registers, and grilles, as indicated; otherwise indicate, locate units in center of room.

END OF SECTION 15855

Consultant:



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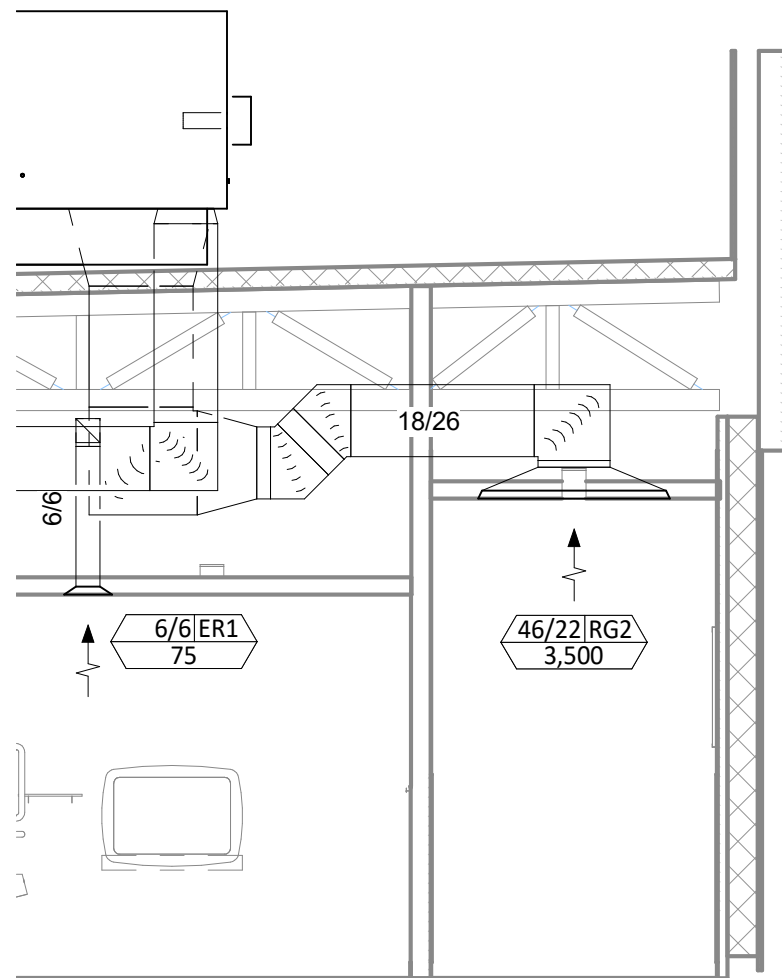
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| <hr/> Project No.<br>2401013 |          |
| <hr/> Contents:              |          |

## HVAC SPECIFICATIONS

# M010

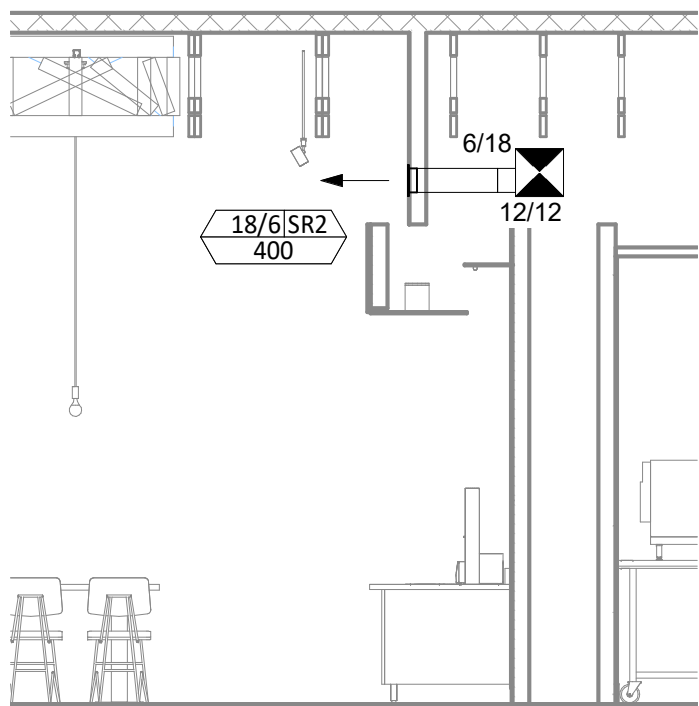
### HVAC PLAN NOTES

- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
- PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK. TYPICAL.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- 26/14 DUCT UP FOR TRANSITION TO RTU-1 RETURN CONNECTION IN ROOF CURB. RTU-1 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-1 OPERATION.
- 26/18 DUCT UP FOR TRANSITION TO RTU-2 RETURN CONNECTION IN ROOF CURB. RTU-2 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-2 OPERATION.
- 26/14 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
- 30/16 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
- 14/14 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
- 16/16 DUCT UP FROM HOOD THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUS ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.
- 8/6 DUCT UP THROUGH ROOF TO EF-2.
- 28/6 DUCT DOWN TO MAKEUP AIR PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 3.
- 8" DIA. DUCT DOWN TO AC PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.
- INSTALL SINGLE-GANG VERTICAL J-BOX FOR GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2 AT THIS LOCATION 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 72" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 66" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 72" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.
- INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND MAKEUP AIR FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2, 4, AND 9/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.



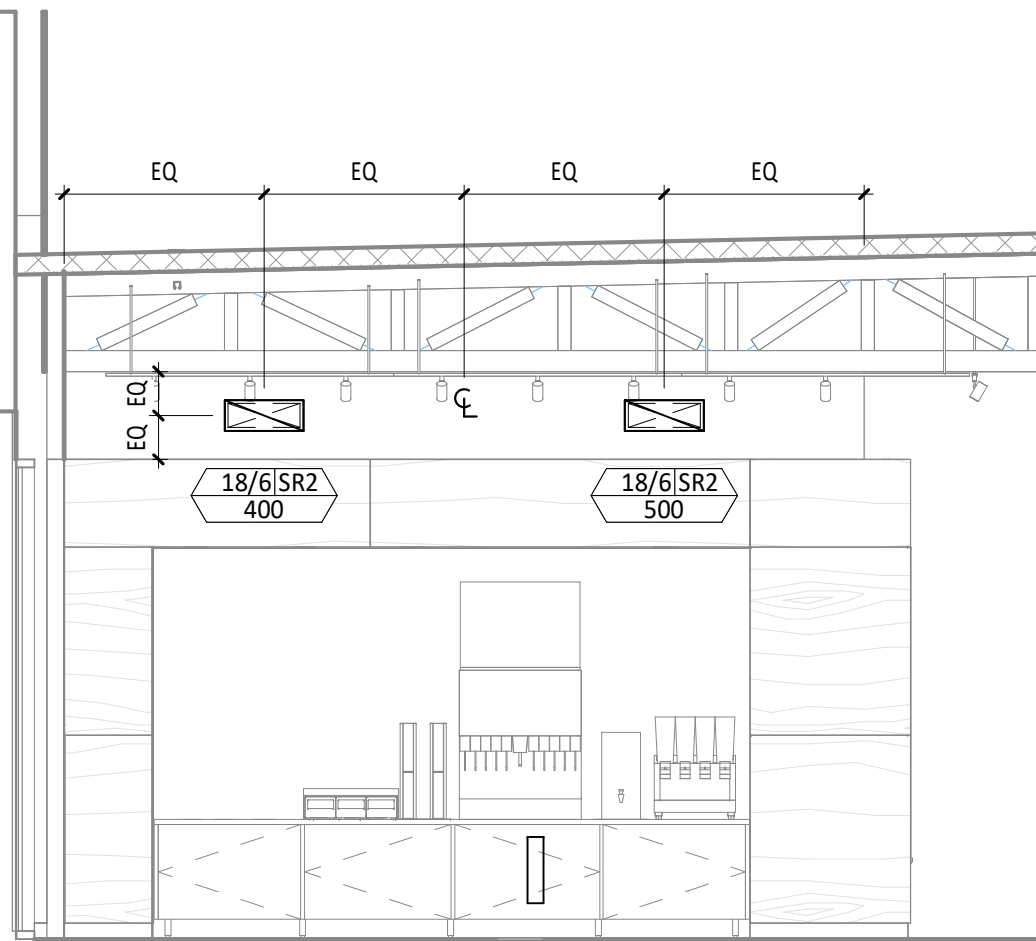
**HVAC DINING ROOM RETURN SECTION**

6  
M100  
1/4" = 1'-0"



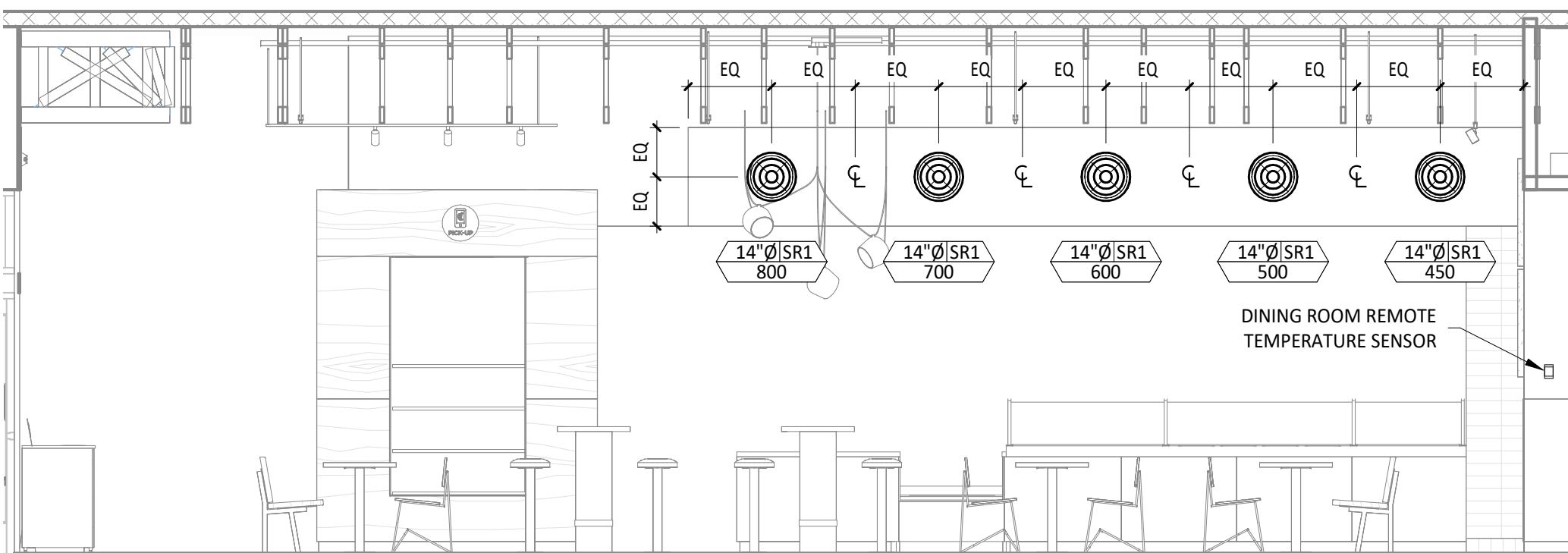
**HVAC DINING ROOM SECTION**

5  
M100  
1/4" = 1'-0"



**HVAC DINING ROOM SECTION**

4  
M100  
1/4" = 1'-0"

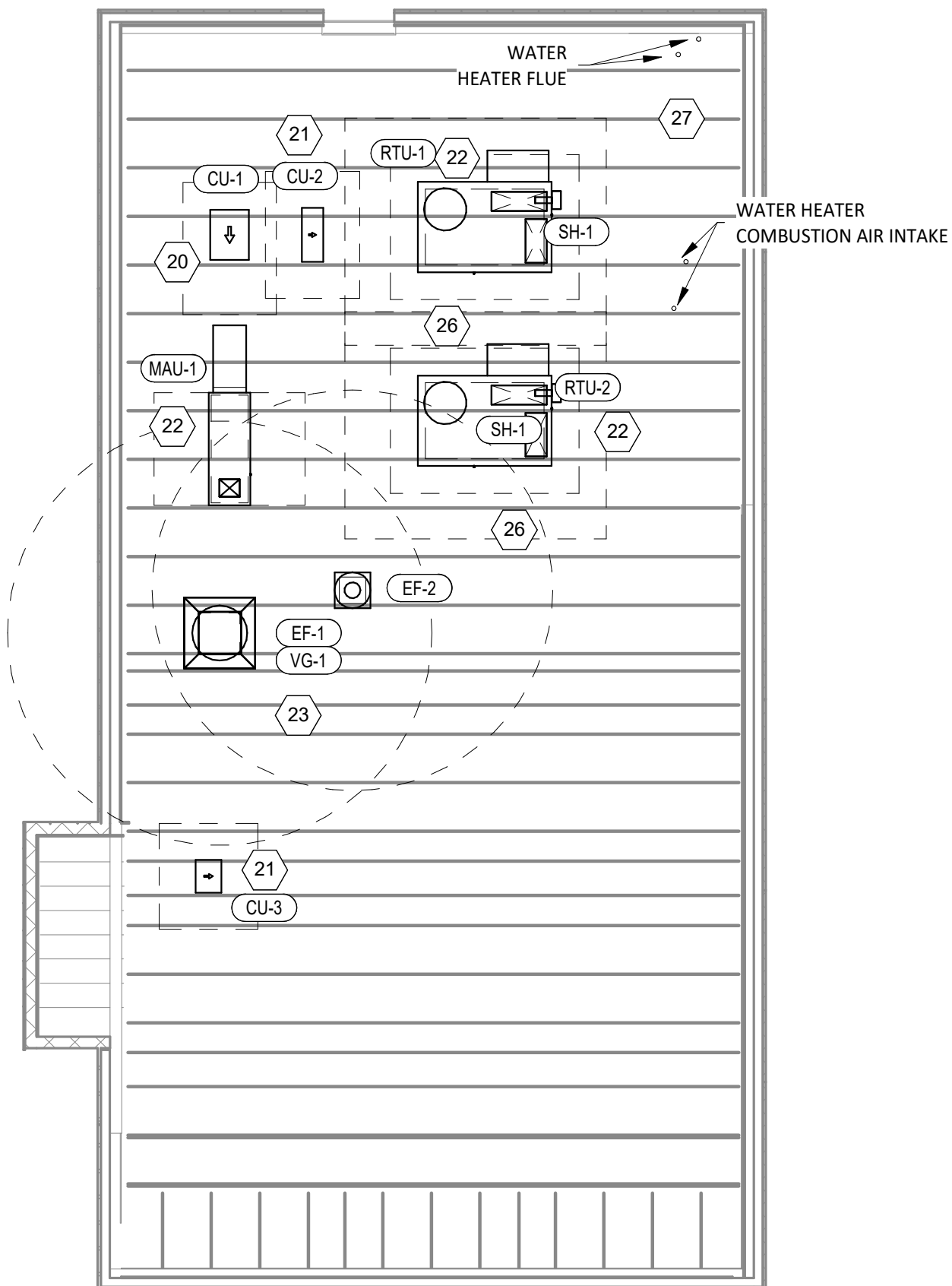


**HVAC DINING ROOM SECTION**

3  
M100  
1/4" = 1'-0"

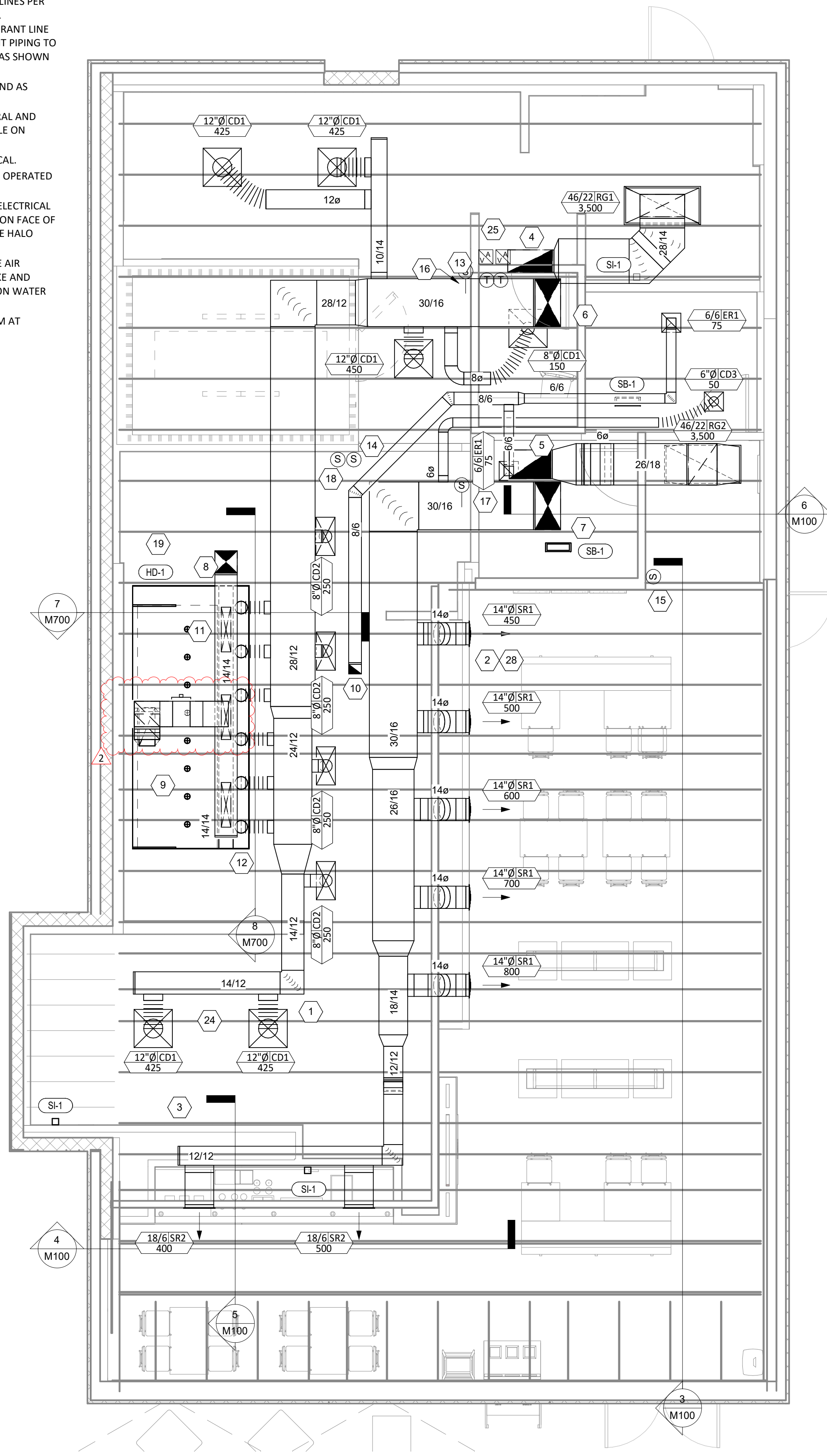
### HVAC PLAN NOTES

- INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE CONDENSING UNIT. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
- INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
- INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
- PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
- PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
- INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
- MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.
- ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.



**HVAC ROOF PLAN**

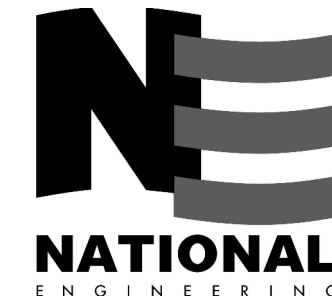
2  
M100  
1/8" = 1'-0"



**HVAC FLOOR PLAN**

1  
M100  
1/4" = 1'-0"

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|---|----------|------------|

Drawn:

Checked:

AJJ

AJJ

Project No.

2401013

Contents:

HVAC PLAN

M100

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## Revisions

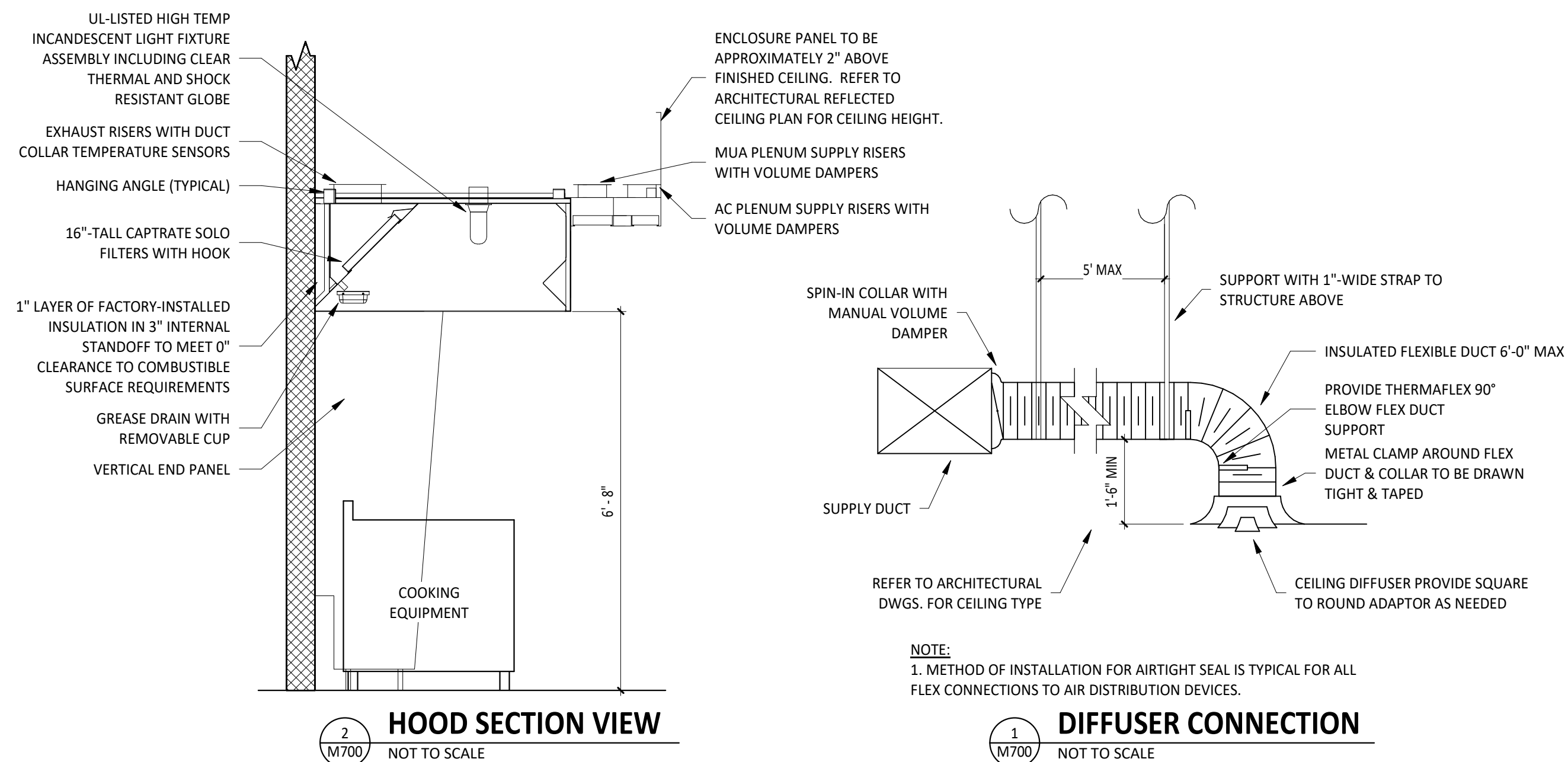
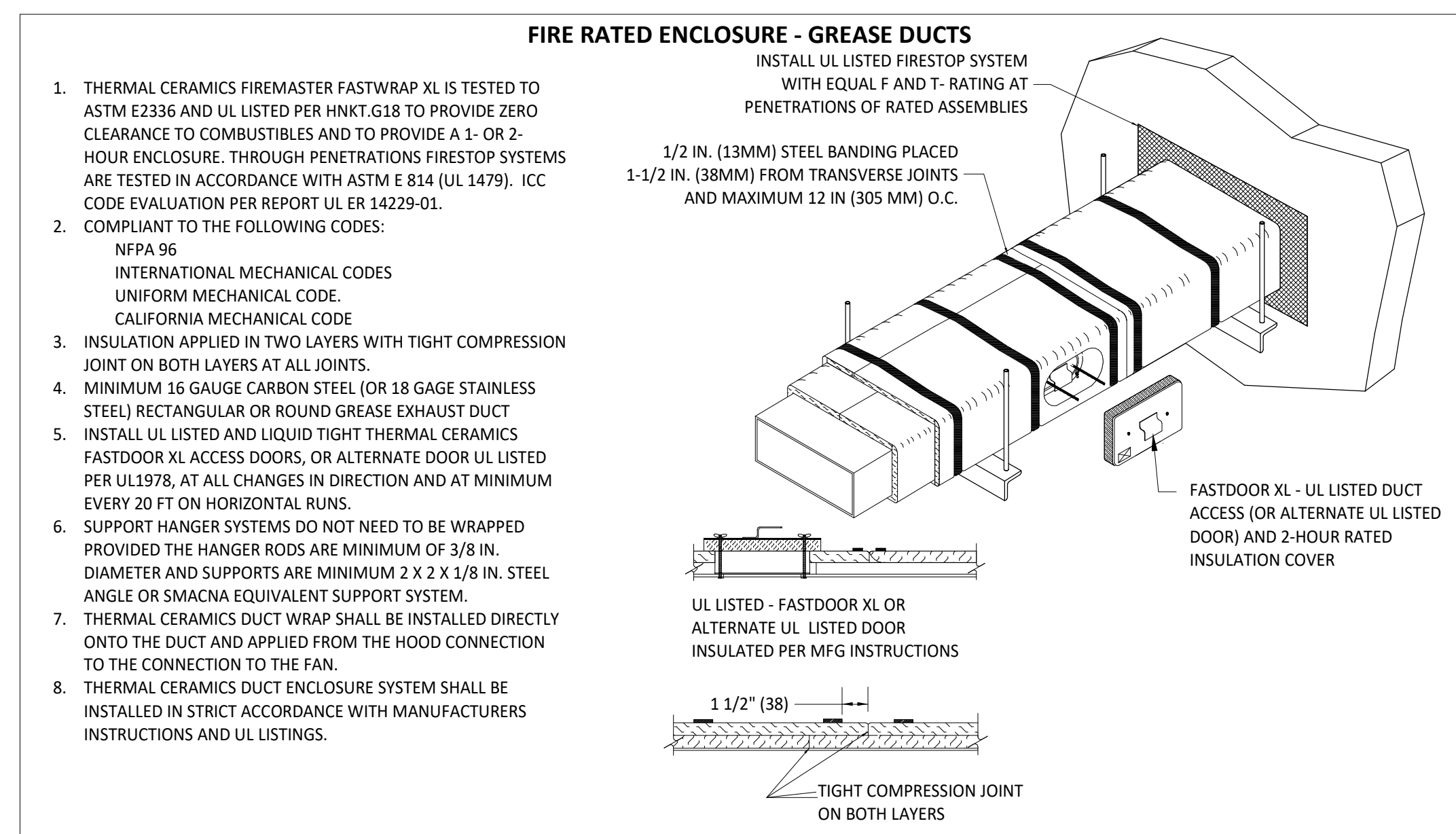
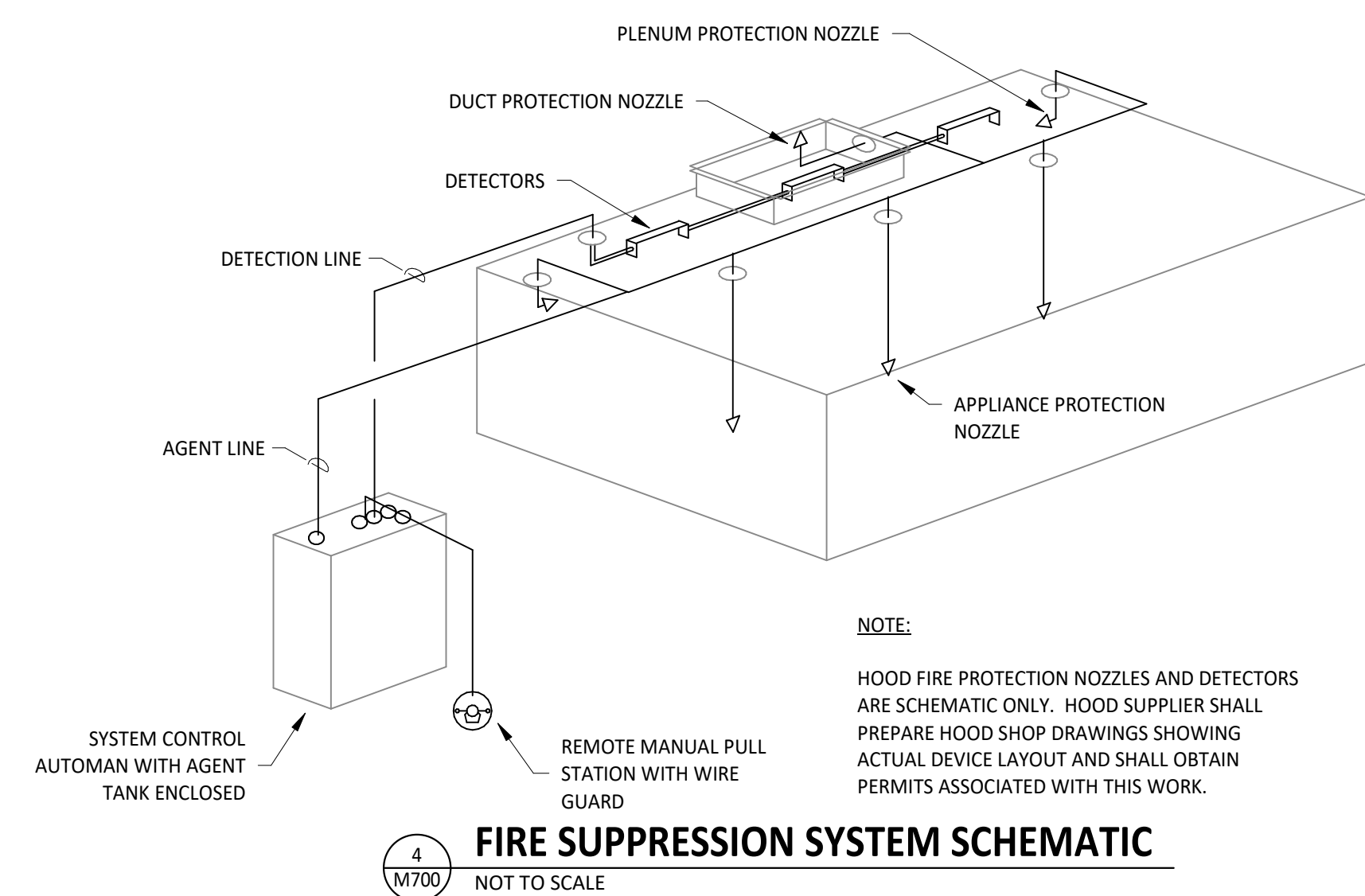
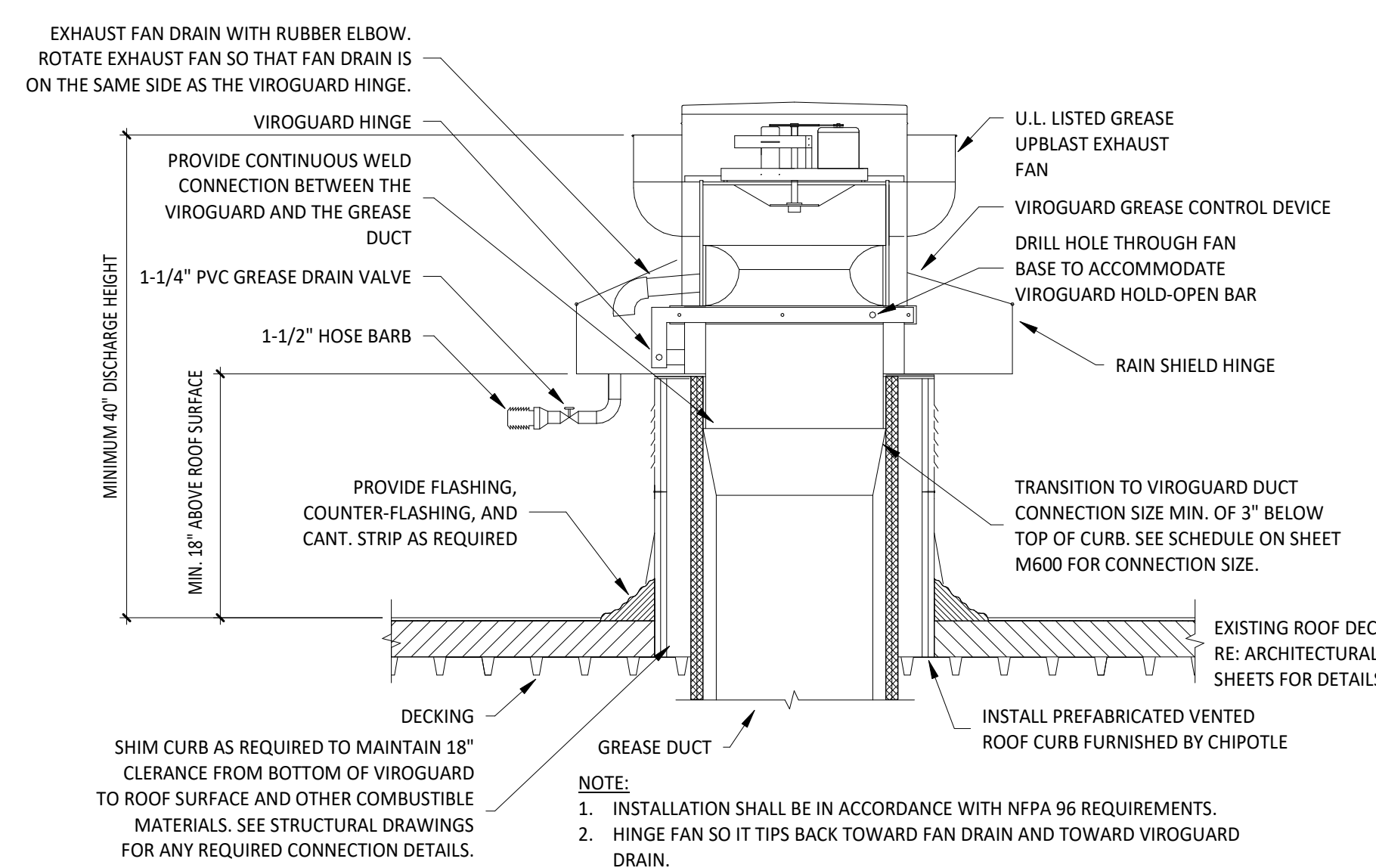
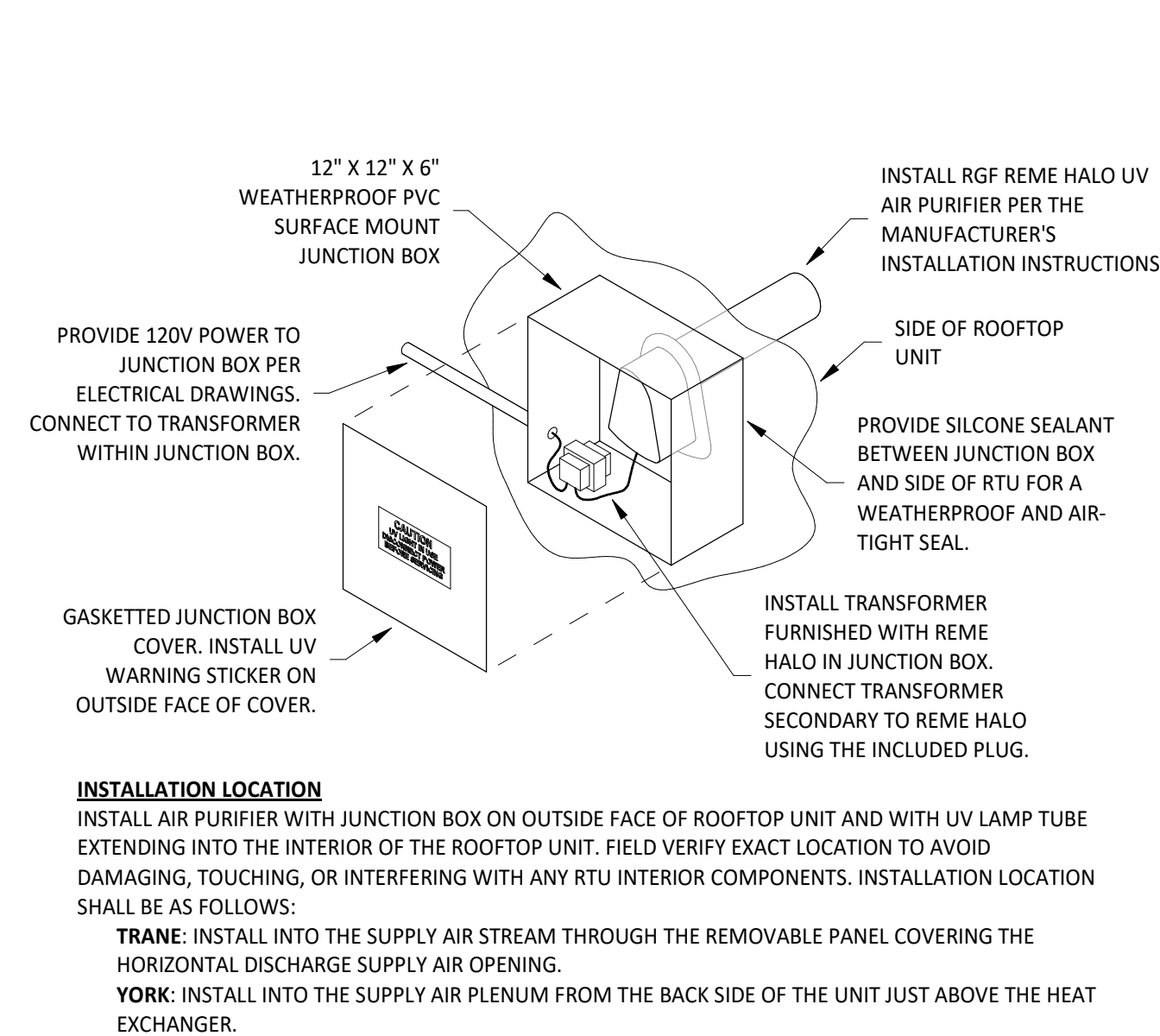
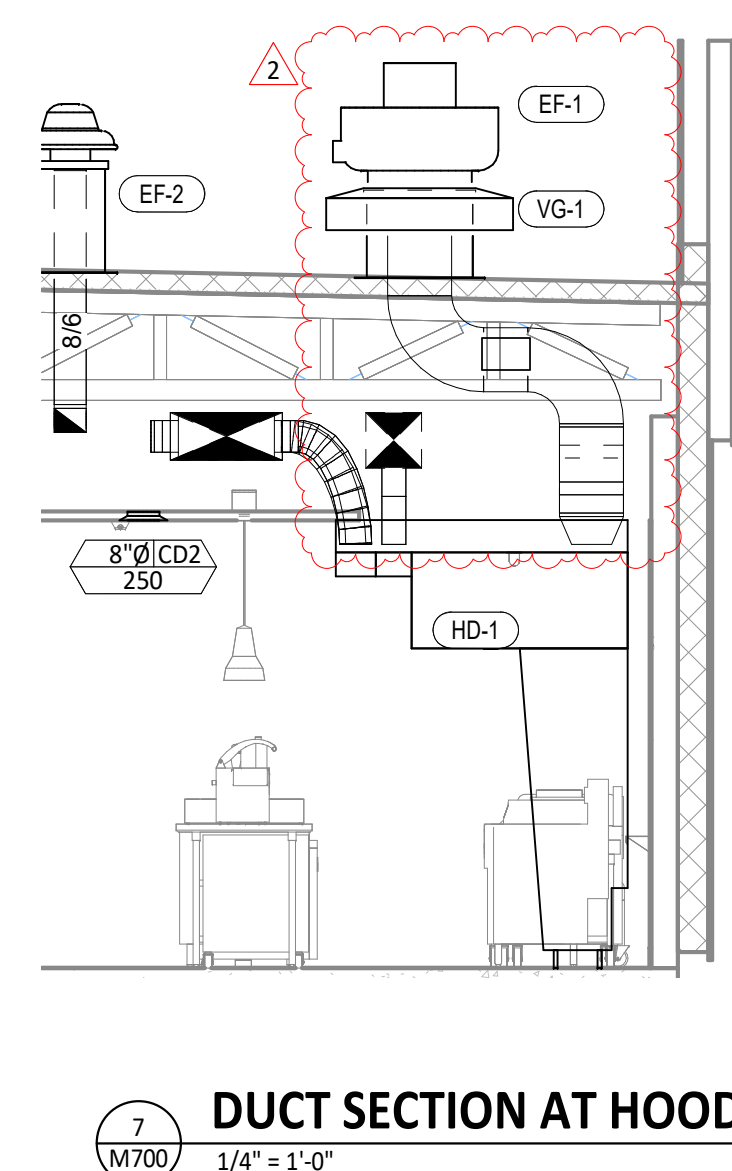
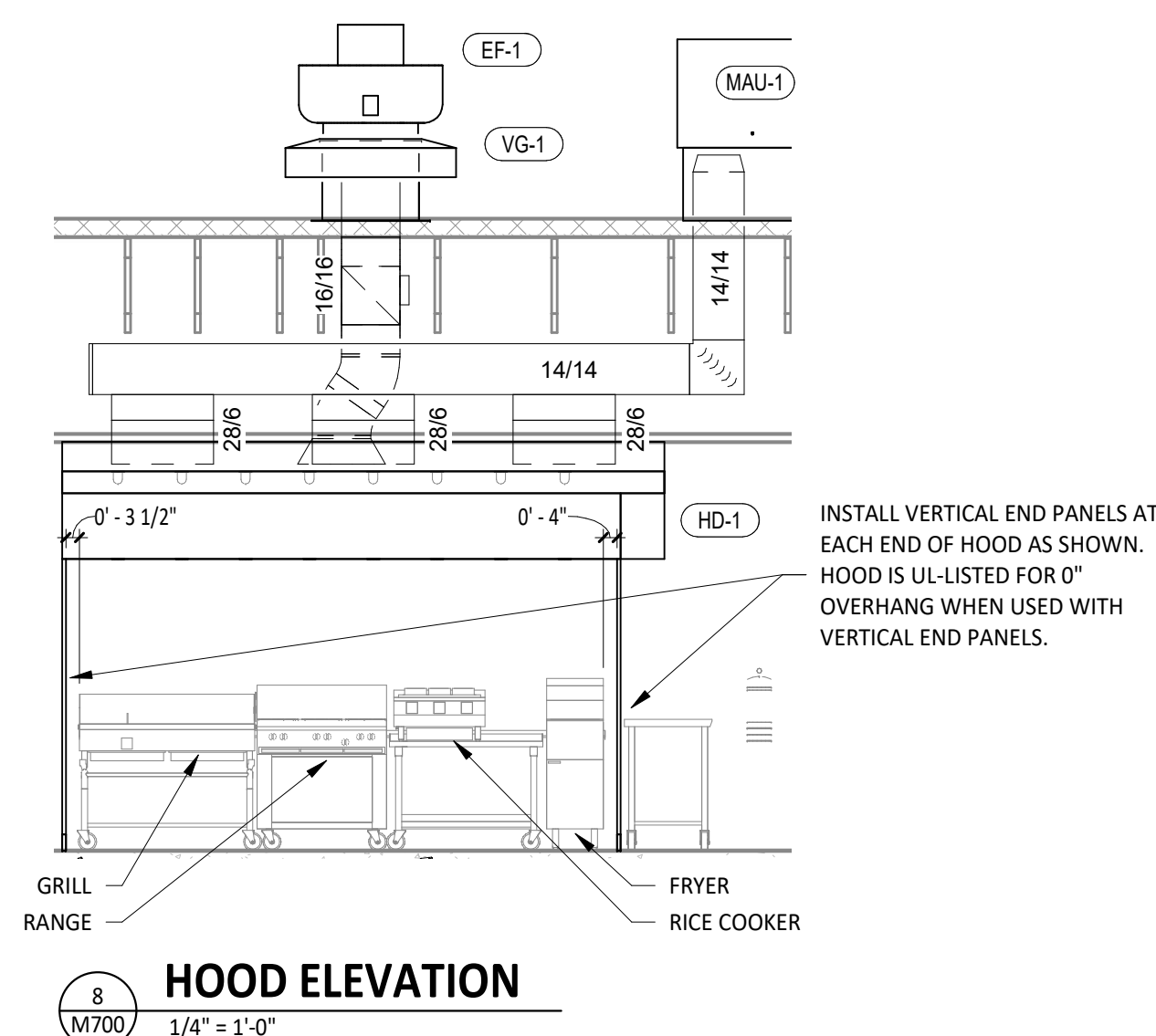
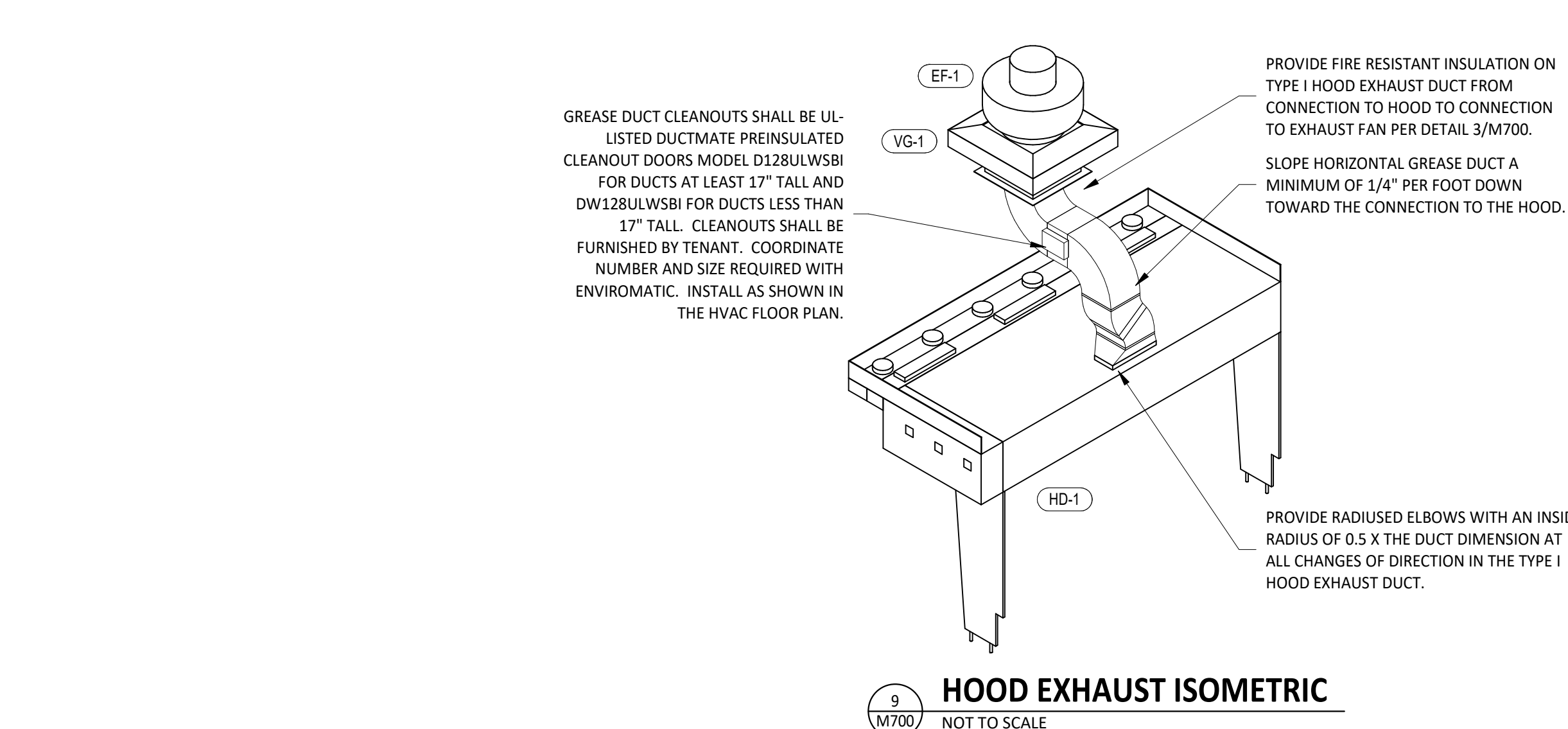
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| Drawn: | Checked: |
| AJJ    | AJJ      |

Project No.

## Contents

## HVAC SCHEDULES

# M600





PLUMBING SUPPLY PLAN NOTES

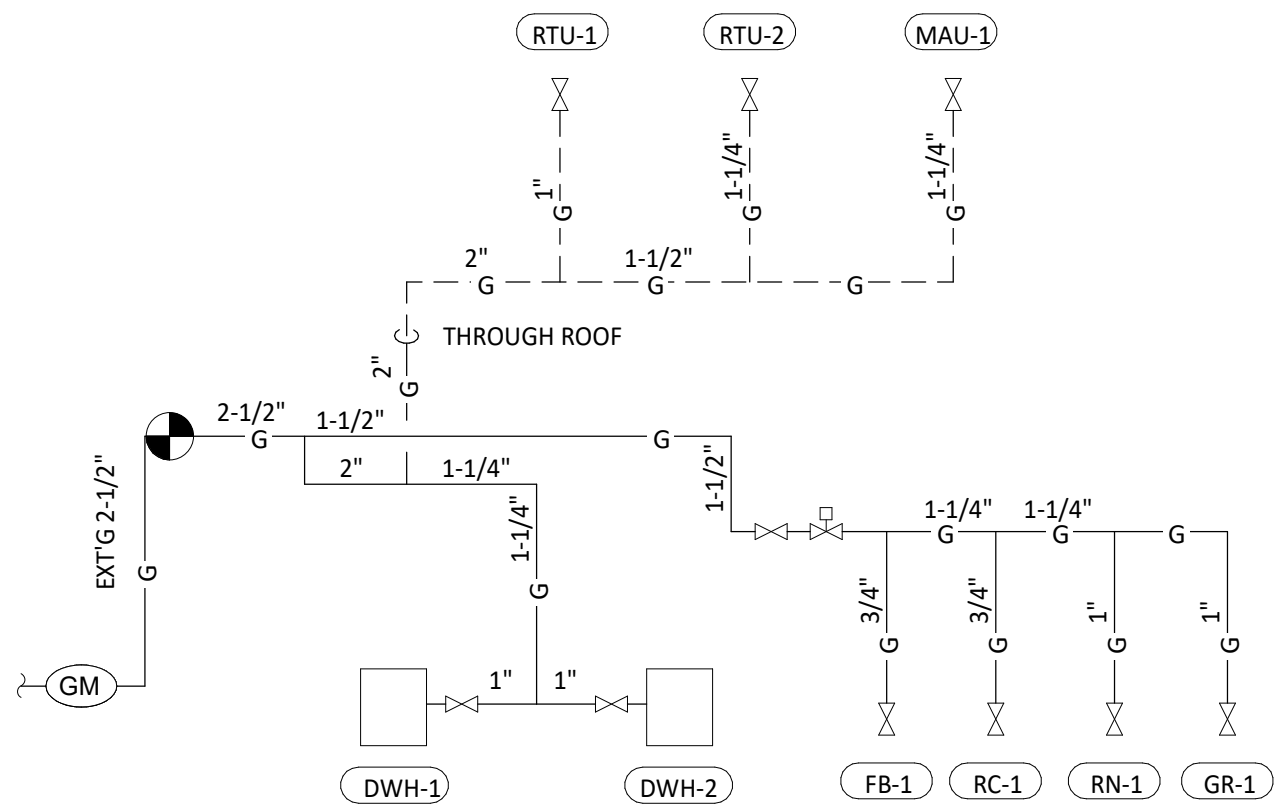
- CONNECT TO EXISTING 1-1/2" WATER SERVICE WITH UPSTREAM METER, BFP, AND BOOSTER PUMP.
- PROVIDE 1/2" FILTERED WATER TO THE BAG-IN-BOX SODA CARBONATOR AT 102" AFF. SODA CARBONATOR SHALL HAVE AN INTEGRAL ASSE 1022-RATED CARBONATED BEVERAGE BACKFLOW PREVENTION DEVICE.
- PROVIDE WATER HEATERS DWH-1 AND DWH-2 PER DETAIL 1/P700.
- PROVIDE WATER FILTERS MOUNTED TO WALL PER DETAIL 11/P700. PROVIDE 1/2" SUPPLY PIPES FROM FILTERS TO ICE MAKER AND SODA CARBONATOR AS SHOWN.
- PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 56" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE MOP BASIN FAUCET AT 36" AFF. PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 64" AFF DIRECTLY ABOVE THE MOP BASIN FAUCET. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- CONNECT TO EXISTING GAS LINE WITH UPSTREAM METER.
- PROVIDE GAS CONNECTIONS TO THE COOKING EQUIPMENT PER DETAIL 7/P700.
- SUPPORT THE GAS PIPE ON THE ROOF PER DETAIL 5/P700. WOOD BLOCKING IS NOT AN ACCEPTABLE METHOD OF SUPPORTING THE GAS PIPE.
- PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, AND UNION AT GAS CONNECTION TO THE EQUIPMENT.
- REFER TO ARCHITECTURAL DRAWINGS FOR PAINTING OF INTERIOR AND EXTERIOR EXPOSED GAS PIPE.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE VICTORY WASH DISPENSER FAUCET (HB-2) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE ROUGH-INS TO RESTROOM HAND SINKS AS SHOWN IN DETAIL 14/P700. HOT WATER MAIN LINE TO BE ROUTED WITHIN 6 INCHES OF RESTROOM HAND SINK STOP VALVE.
- PROVIDE KITCHEN EQUIPMENT GAS SHUTOFF 6" BELOW THE CEILING PER DETAIL 4/P700.

PLUMBING GAS CONNECTIONS

| TAG         | DESCRIPTION                  | CONNECTION SIZE | EQUIVALENT LENGTH | INPUT           |
|-------------|------------------------------|-----------------|-------------------|-----------------|
| DWH-1       | WATER HEATER (GAS TANKLESS)  | 3/4"            | 65'               | 199,000 Btu/h   |
| DWH-2       | WATER HEATER (GAS TANKLESS)  | 3/4"            | 65'               | 199,000 Btu/h   |
| FB-1        | GAS FRYER                    | 3/4"            | 85'               | 90,000 Btu/h    |
| GR-1        | GAS GRIDDLE                  | 3/4"            | 95'               | 110,000 Btu/h   |
| MAU-1       | DIRECT-FIRED MAKEUP AIR UNIT | 1/2"            | 70'               | 225,000 Btu/h   |
| RC-1        | RICE COOKER                  | 3/4"            | 90'               | 33,000 Btu/h    |
| RN-1        | 6 BURNER RANGE               | 3/4"            | 95'               | 192,000 Btu/h   |
| RTU-1       | KITCHEN ROOFTOP UNIT         | 3/4"            | 50'               | 224,000 Btu/h   |
| RTU-2       | DINING ROOM ROOFTOP UNIT     | 3/4"            | 65'               | 224,000 Btu/h   |
| GRAND TOTAL |                              |                 | MAX: 95'          | 1,496,000 Btu/h |

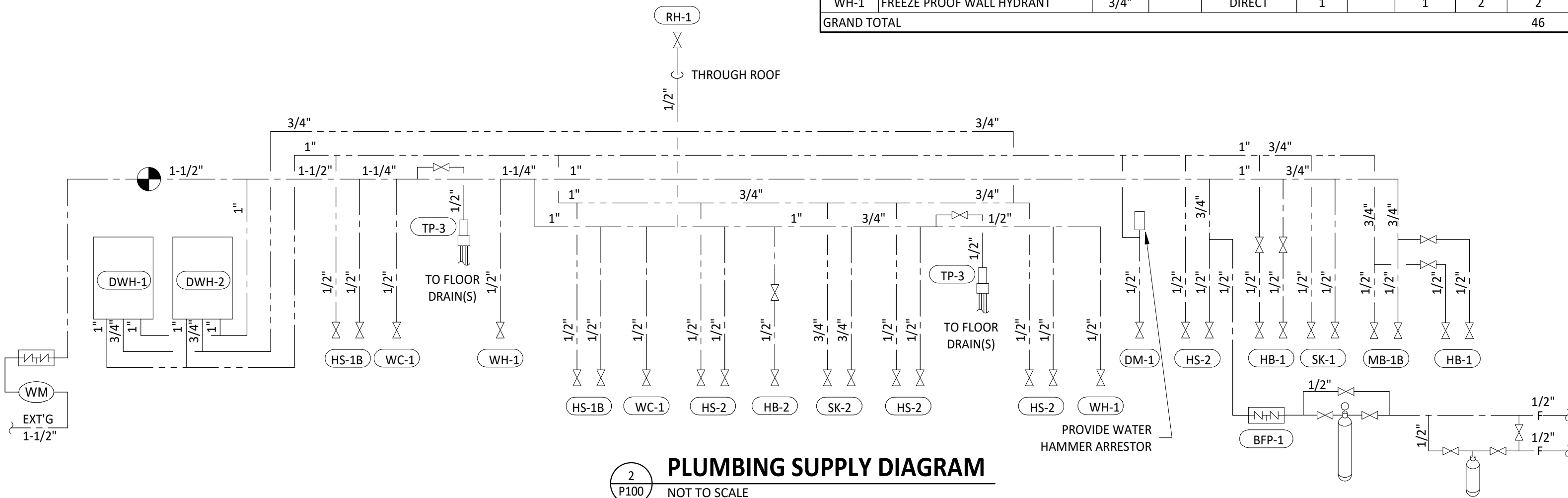
NOTES:

- PRESSURE REQUIRED AFTER METER: 7" W.C.
- DISTANCES ARE APPROXIMATE



GAS DISTRIBUTION DIAGRAM

3 P100 NOT TO SCALE



PLUMBING SUPPLY DIAGRAM

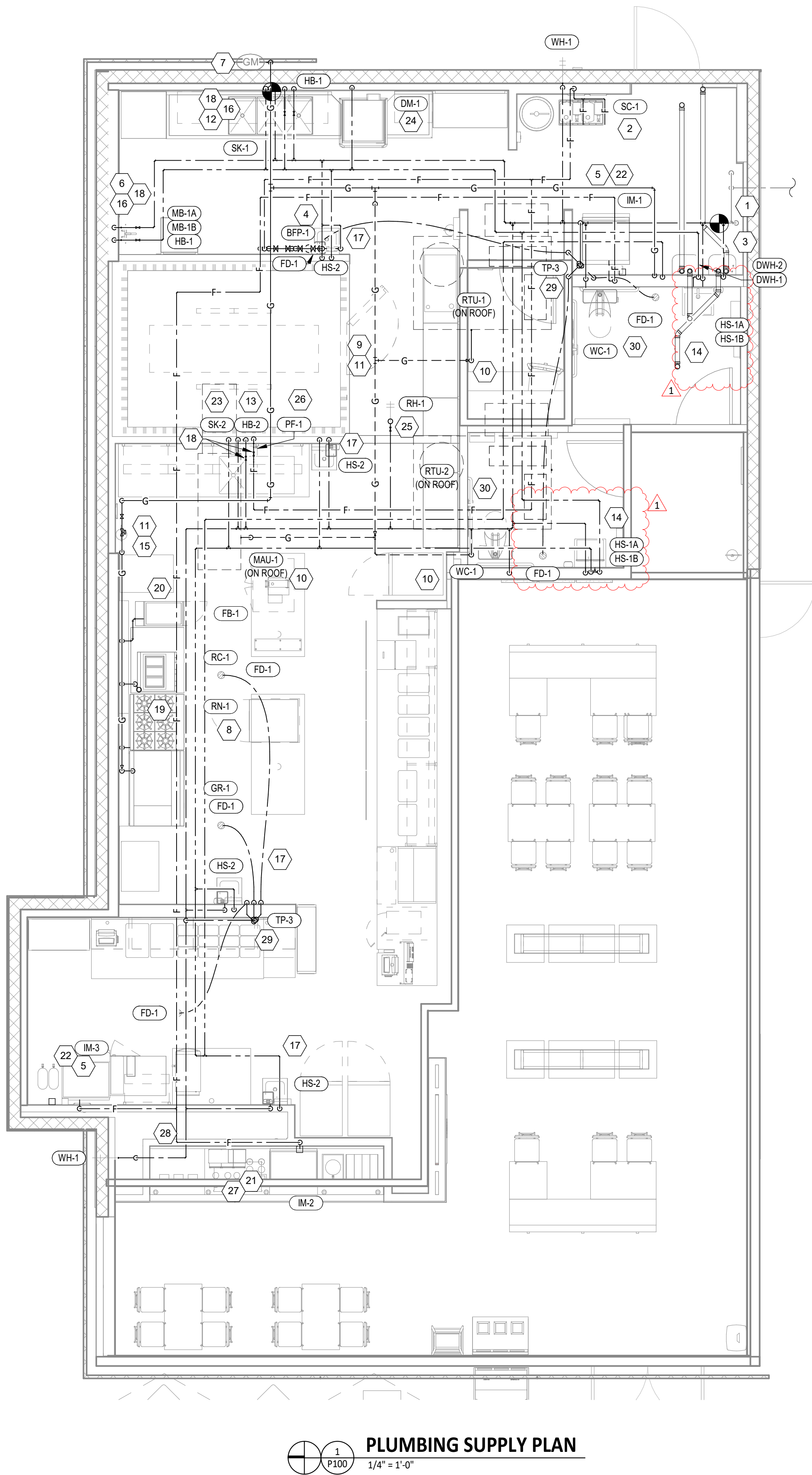
2 P100 NOT TO SCALE

PLUMBING SUPPLY PLAN NOTES

- CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.
- PROVIDE ASSE 1016/1070 POINT-OF-USE THERMOSTATIC MIXING VALVE, WATTS LFUSG-B, ON WATER SUPPLY TO KITCHEN HAND SINKS. PROVIDE ANGLE STOP BELOW SINK, FASTEN MIXING VALVE TO WALL, AND MAKE FINAL CONNECTION FROM ANGLE STOPS TO MIXING VALVE AND FROM MIXING VALVE TO FAUCET USING BRAIDED STAINLESS STEEL HOSE. ADJUST MIXING VALVE FOR A DISCHARGE TEMPERATURE OF APPROXIMATELY 110° F.
- PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.
- PROVIDE GAS CONNECTION TO THE RICE COOKER PER DETAIL 6/P700.
- PROVIDE GAS ROUGH-IN TO FRYER BEHIND RICE COOKER TABLE SO THAT VALVES AND DIRT LEG ARE ACCESSIBLE ONCE FRYER IS SECURED INTO PLACE.
- PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 24" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
- INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
- PROVIDE 3/4" DOMESTIC HOT AND COLD WATER ROUGH-INS FOR THE PREP SINK (SK-2) FAUCET AT 24" AFF TO ALLOW FOR THE VICTORY WASH CHEMICAL DCK TO BE INSTALLED DIRECTLY BELOW THE PREP SINK BASIN. MAKE FINAL CONNECTION TO PREP SINK FAUCET USING 3/4" BRAIDED STAINLESS STEEL WATER HEATER CONNECTOR HOSE.
- PROVIDE 1/2" HOT WATER TO THE DISH MACHINE AT 66" AFF ABOVE LEFT SIDE OF DISH MACHINE, MAKING FINAL CONNECTION USING HOSE FURNISHED WITH DISH MACHINE. PROVIDE WATER HAMMER ARRESTOR ON HOT WATER LINE.
- PROVIDE ROOF HYDRANT RH-1 WITH BOTTOM OF NOZZLE INSTALLED 24" ABOVE THE BOTTOM OF ROOF DECK. PROVIDE ACCESSIBLE ISOLATION VALVE IN WATER SUPPLY TO ROOF HYDRANT. SUPPORT ROOF HYDRANT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE FILTERED DOMESTIC WATER ROUGH-IN FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 40" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.
- INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS. LOCATE IMSB BELOW UTENSIL COUNTER IN A LOCATION THAT DOES NOT INTERFERE WITH THE ROLLING RACK BELOW THE UTENSIL COUNTER.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- PROVIDE ACCESSIBLE TRAP PRIMER ABOVE LAY-IN CEILING AS SHOWN. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH A SERVICE VALVE AT THE TRAP PRIMER INLET. PROVIDE 1/2" DISTRIBUTION PIPE(S) TO FLOOR DRAIN TRAP PRIMER CONNECTION(S) AS SHOWN. HORIZONTAL DISTRIBUTION PIPING SHALL HAVE CONTINUOUS SLOPE TO THE FLOOR DRAIN(S).
- REPLACE STOCK WATER CLOSET HANDLE WITH UNIVERSAL CABLE-OPERATED HANDLE (FLUSHMATE AP300503 OR AP300504 - FIELD VERIFY COMPATIBILITY WITH FLUSHMATE SYSTEM IN WATER CLOSET).

PLUMBING FIXTURE SUPPLY CONNECTIONS

| ROUGH-IN TYPE KEY |                                         |                                                                                                                                          |      |               |      |      |       |       |            |    |
|-------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------|---------------|------|------|-------|-------|------------|----|
| ANGLE 3/8"        |                                         | BRASS CRAFT KTR19 OR EQUAL (BRASS/CHROME 1/4 TURN ANGLED BALL STOP WITH 3/8" COMPRESSION CONNECTION)                                     |      |               |      |      |       |       |            |    |
| ANGLE 1/2"        |                                         | BRASS CRAFT R39X C OR EQUAL (BRASS/CHROME MULTI-TURN ANGLED STOP WITH 1/2" COMPRESSION CONNECTION)                                       |      |               |      |      |       |       |            |    |
| ANGLE 3/4"        |                                         | EVERFLOW 74342-NL W/ 3/4" SWEAT X MIP ADAPTER OR EQUAL (BRASS ANGLE STOP W/ 3/4" FIP INLET AND OUTLET)                                   |      |               |      |      |       |       |            |    |
| DIRECT            |                                         | PROVIDE COPPER PIPE IN CONNECTION SIZE SHOWN TO FIXTURE                                                                                  |      |               |      |      |       |       |            |    |
| HOSE 1/2"         |                                         | ARROWHEAD BRASS WMSOF OR EQUAL (BRASS/CHROME WASHING MACHINE VALVE W/ 3/4" MHT OUTLET)                                                   |      |               |      |      |       |       |            |    |
| MIP               |                                         | PROVIDE PIPE WITH MIP THREAD STUBBED OUT OF WALL IN CONNECTION SIZE SHOWN AND LENGTH COMPATIBLE WITH FIXTURE AND WALL MATERIAL/FINISHES. |      |               |      |      |       |       |            |    |
| TAG               | DESCRIPTION                             | CONNECTION SIZE                                                                                                                          |      | ROUGH-IN TYPE | WSFU |      |       | COUNT | TOTAL WSFU |    |
|                   |                                         | CW                                                                                                                                       | HW   |               | CW   | HW   | TOTAL |       |            |    |
| BFP-1             | RPZ BACKFLOW PREVENTER                  | 1/2"                                                                                                                                     |      | DIRECT        | 0    | 0    | 0     | 1     | 0          |    |
| DM-1              | DISH SANITIZING MACHINE (PUMPED OUTLET) | 0"                                                                                                                                       | 1/2" | HOSE 1/2"     | 0    | 3    | 3     | 1     | 3          |    |
| ET-1              | EXPANSION TANK                          | 3/4"                                                                                                                                     |      | DIRECT        | 0    |      | 0     | 1     | 0          |    |
| HB-1              | CHEMICAL DISPENSER HOSE BIB             | 1/2"                                                                                                                                     | 1/2" | MIP           | 2.25 | 2.25 | 3     | 2     | 6          |    |
| HB-2              | VEGETABLE WASH HOSE BIB                 | 1/2"                                                                                                                                     |      | MIP           | 1.5  |      | 1.5   | 1     | 1.5        |    |
| HS-1B             | RESTROOM HAND SINK FAUCET               | 1/2"                                                                                                                                     | 1/2" |               | 1.5  | 1.5  | 2     | 2     | 4          |    |
| HS-2              | KITCHEN HAND SINK                       | 1/2"                                                                                                                                     | 1/2" | ANGLE 3/8"    | 1.5  | 1.5  | 2     | 4     | 8          |    |
| IM-1              | ICE MAKER - BOH                         | 1/2"                                                                                                                                     |      | HOSE 1/2"     | 1    |      | 1     | 1     | 1          |    |
| IM-2              | ICE MAKER - SODA                        | 1/2"                                                                                                                                     |      | HOSE 1/2"     | 1    |      | 1     | 1     | 1          |    |
| IM-3              | ICE MAKER - SODA                        | 1/2"                                                                                                                                     |      | HOSE 1/2"     | 1    |      | 1     | 1     | 1          |    |
| MB-1B             | MOP SINK FAUCET                         | 1/2"                                                                                                                                     | 1/2" | MIP           | 2.25 | 2.25 | 3     | 1     | 3          |    |
| PF-1              | SPEED FILL FAUCET                       | 3/8"                                                                                                                                     |      | MIP           | 1.5  |      | 1.5   | 1     | 1.5        |    |
| RH-1              | FREEZE PROOF ROOF HYDRANT               | 3/4"                                                                                                                                     |      | DIRECT        | 1    |      | 1     | 1     | 1          |    |
| SC-1              | BAG-IN-BOX SODA RACK WITH CARBONATORS   | 1/2"                                                                                                                                     |      | ANGLE 3/8"    | 1    |      | 1     | 1     | 1          |    |
| SK-1              | THREE COMPARTMENT SINK                  | 1/2"                                                                                                                                     | 1/2" | ANGLE 1/2"    | 3    | 3    | 4     | 1     | 4          |    |
| SK-2              | PREP SINK                               | 3/4"                                                                                                                                     | 3/4" | ANGLE 3/4"    | 3    | 3    | 4     | 1     | 4          |    |
| TP-3              | TRAP PRIMER (THREE-FOUR FLOOR DRAINS)   | 1/2"                                                                                                                                     |      | DIRECT        | 0    |      | 0     | 2     | 0          |    |
| WC-1              | WATER CLOSET                            | 1/2"                                                                                                                                     |      | ANGLE 3/8"    | 2    |      | 2     | 2     | 4          |    |
| WH-1              | FREEZE PROOF WALL HYDRANT               | 3/4"                                                                                                                                     |      | DIRECT        | 1    |      | 1     | 2     | 2          |    |
| GRAND TOTAL       |                                         |                                                                                                                                          |      |               |      |      |       |       |            | 46 |



PLUMBING SUPPLY PLAN

1 P100 1/4" = 1'-0"

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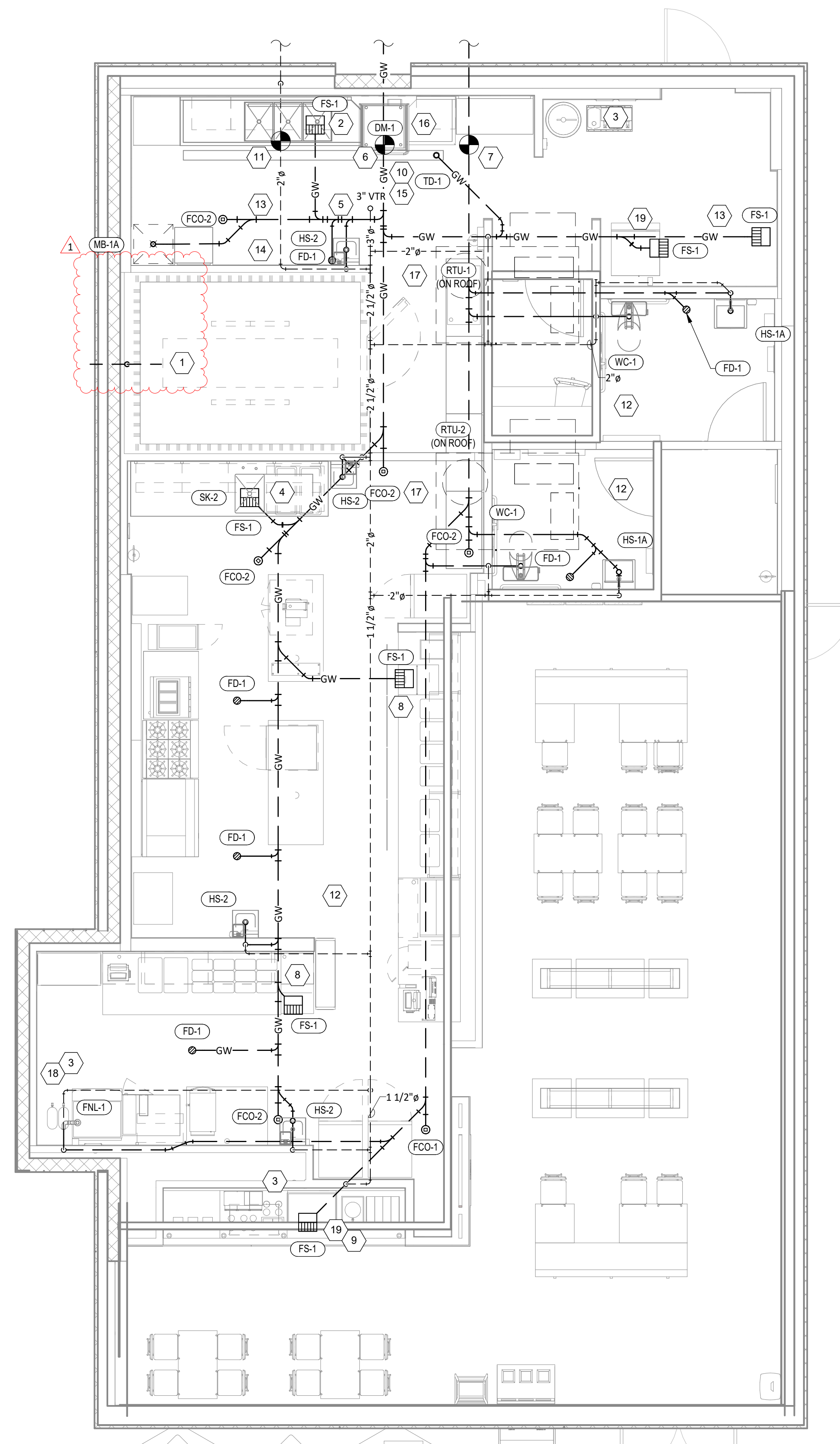
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PLUMBING PLAN  
WATER & GAS

P100

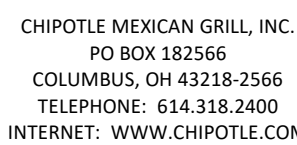
- 1 PROVIDE 1/4" CONDENSATE DRAIN FROM THE WALK-IN COOLER EVAPORATOR TO A DRYWELL PER  
2 DETAIL 16/P700. SLOPE CONDENSATE DRAIN A MINIMUM OF 1" PER FOOT. HOLD EXPOSED  
3 CONDENSATE DRAIN IN WALK-IN COOLER AS HIGH AS POSSIBLE. CONCEAL DRAIN PIPING WITHIN  
4 FRAMED WALLS AS SHOWN. DISCHARGE THROUGH AN AIR GAP. MAKE FINAL CONNECTION TO  
5 EVAPORATOR INSIDE WALK-IN COOLER USING A UNION.
- 6 PROVIDE DRAIN CONNECTIONS TO THE THREE COMPARTMENT SINK PER DETAIL 2/P700.
- 7 COORDINATE ROUTING OF SODA BUNDLES WITH COCA-COLA TECHNICIAN FROM BAG-IN BOX AREA  
8 TO EACH SODA FOUNTAIN. OTHER THAN WITHIN THE WALLS DOWN TO THE DRYER BOX THE SODA  
9 BUNDLE SHALL BE ROUTED OVERHEAD WITHOUT CONDUIT. COORDINATE SUPPORT AND ROUTING OF  
10 THE SODA LINE BUNDLES WITH COCA-COLA TECHNICIAN DURING ROUGH IN AND PROVIDE NECESSARY  
11 SUPPORTS. SEE ARCHITECTURAL DRAWINGS FOR SODA BUNDLE TERMINATION LOCATION AND  
12 PROVIDE TERMINATION PER DETAIL 12/P700.
- 13 PROVIDE DRAIN LINES FROM THE FOOD PREP SINK TO THE FLOOR SINK. PROVIDE AN AIR GAP AT THE  
14 DISCHARGE TO THE FLOOR SINK.
- 15 PROVIDE A 3" VENT THROUGH THE ROOF PER DETAIL 3/P700.
- 16 CONNECT TO EXISTING 4" GREASE WASTE LINE LEADING TO EXISTING DEDICATED 1,250 GALLON  
17 GREASE INTERCEPTOR.
- 18 CONNECT TO EXISTING 4" SANITARY SEWER.
- 19 PROVIDE 3/4" VALVED DRAIN FROM HOT FOOD TABLE TO THE FLOOR SINK. DRAIN THROUGH AN AIR  
20 GAP.
- 21 PROVIDE INSULATED COPPER DRAIN LINES FROM THE TEA TRAY DRAIN AND THE SODA MACHINE  
22 DRAIN TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP. HOLD TEA TRAY DRAIN AS HIGH AS  
23 POSSIBLE AND SECURE TO STRUCTURE BELOW THE UTENSIL COUNTER.
- 24 TRIM TRENCH DRAIN ENDS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO  
25 INSTALLATION SO THAT GRATE FITS WITHOUT GAPS. INSTALL TRENCH DRAIN WITH SLIGHT POSITIVE  
26 SLOPE TOWARD THE DRAIN CONNECTION TO AVOID STANDING WATER IN TRENCH DRAIN.
- 27 CONNECT TO EXISTING 2" VENT FROM GREASE INTERCEPTOR.
- 28 DO NOT PROVIDE WALL CLEANOUTS ON TILE OR PUBLICLY-VISIBLE WALLS. IF A WALL CLEANOUT IS  
29 REQUIRED ON THESE SURFACE COORDINATE THE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION  
30 MANAGER.
- 31 PROVIDE INDIRECT WASTE AND CONDENSATE DRAINS FROM FIXTURES OTHER THAN KITCHEN SINKS  
32 CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.
- 33 PROVIDE DRAIN FROM WATER FILTER BFP TO FLOOR DRAIN CONCEALED IN THE WALL AS SHOWN IN  
34 DETAIL 9/P700.
- 35 PROVIDE TRENCH DRAIN AS SHOWN IN DETAIL 15/P700.
- 36 INSTALL DRAIN HOSE FURNISHED WITH DISH MACHINE FROM DISH MACHINE OUTLET TO FLOOR SINK.  
37 HOLD DRAIN HOSE TIGHT TO WALL AND SECURE TO 3-COMP SINK DRAIN TO MAINTAIN AN AIR GAP AT  
38 THE FLOOR SINK.
- 39 PROVIDE CONDENSATE TRAP ON RTU PER DETAIL 13/P700.
- 40 SEE DETAIL 18/P700 FOR DRAINS FROM TEA TRAY, ICE MAKER, AND SODA MACHINE TO FUNNEL  
41 DRAIN.
- 42 PROVIDE PVC DRAIN PIPES FROM THE ICE MACHINE TO THE FLOOR SINK PER THE MANUFACTURER'S  
43 INSTALLATION INSTRUCTIONS. PROVIDE A CODE-APPROVED AIR GAP AT THE DISCHARGE TO THE  
44 FLOOR SINK. SECURE ICE MAKER DRAIN PIPES TO THE BOTTOM OF THE ICE MAKER.

 **SANITARY WASTE & VENT PLAN**  
1/4" = 1'-0"



P110

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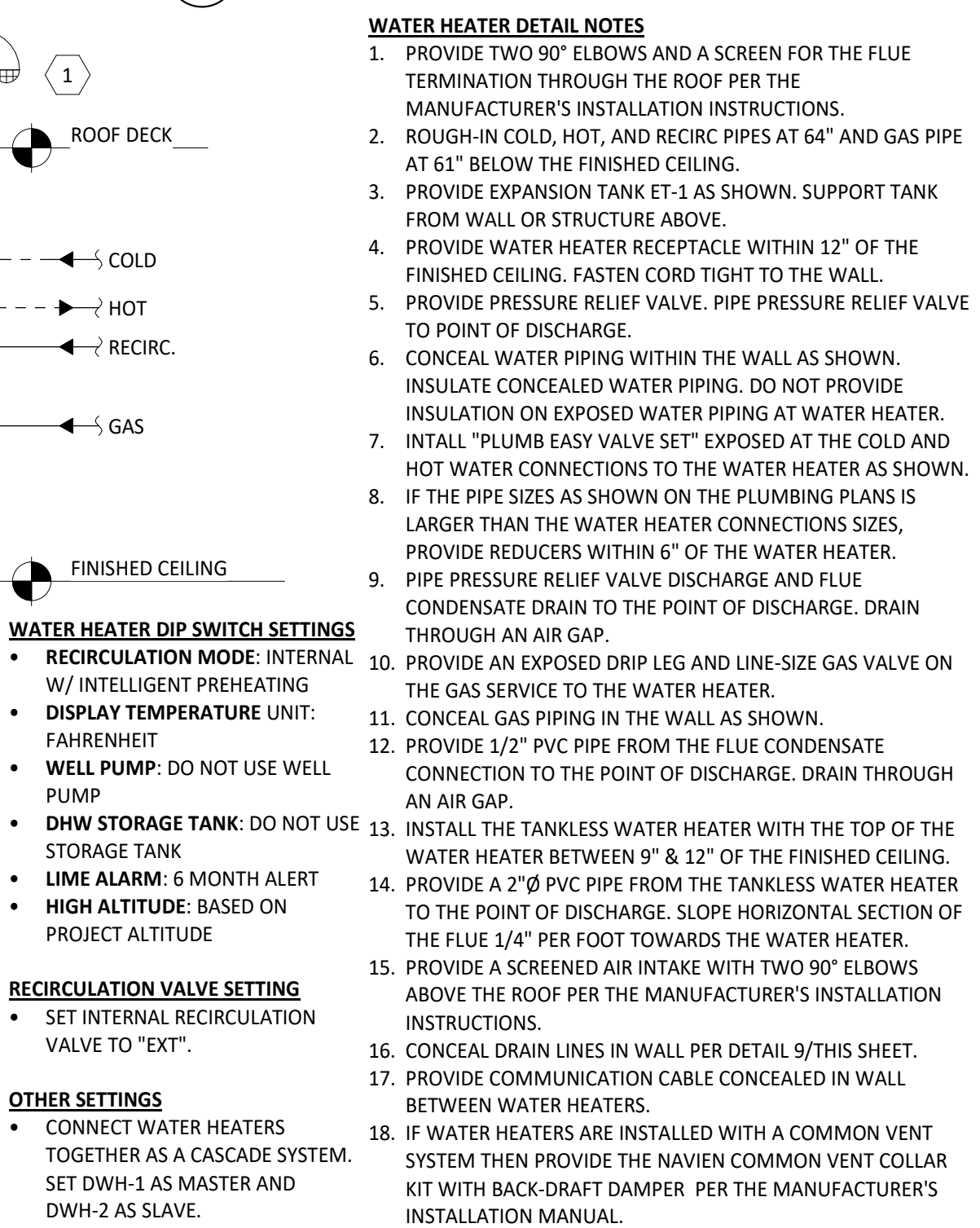
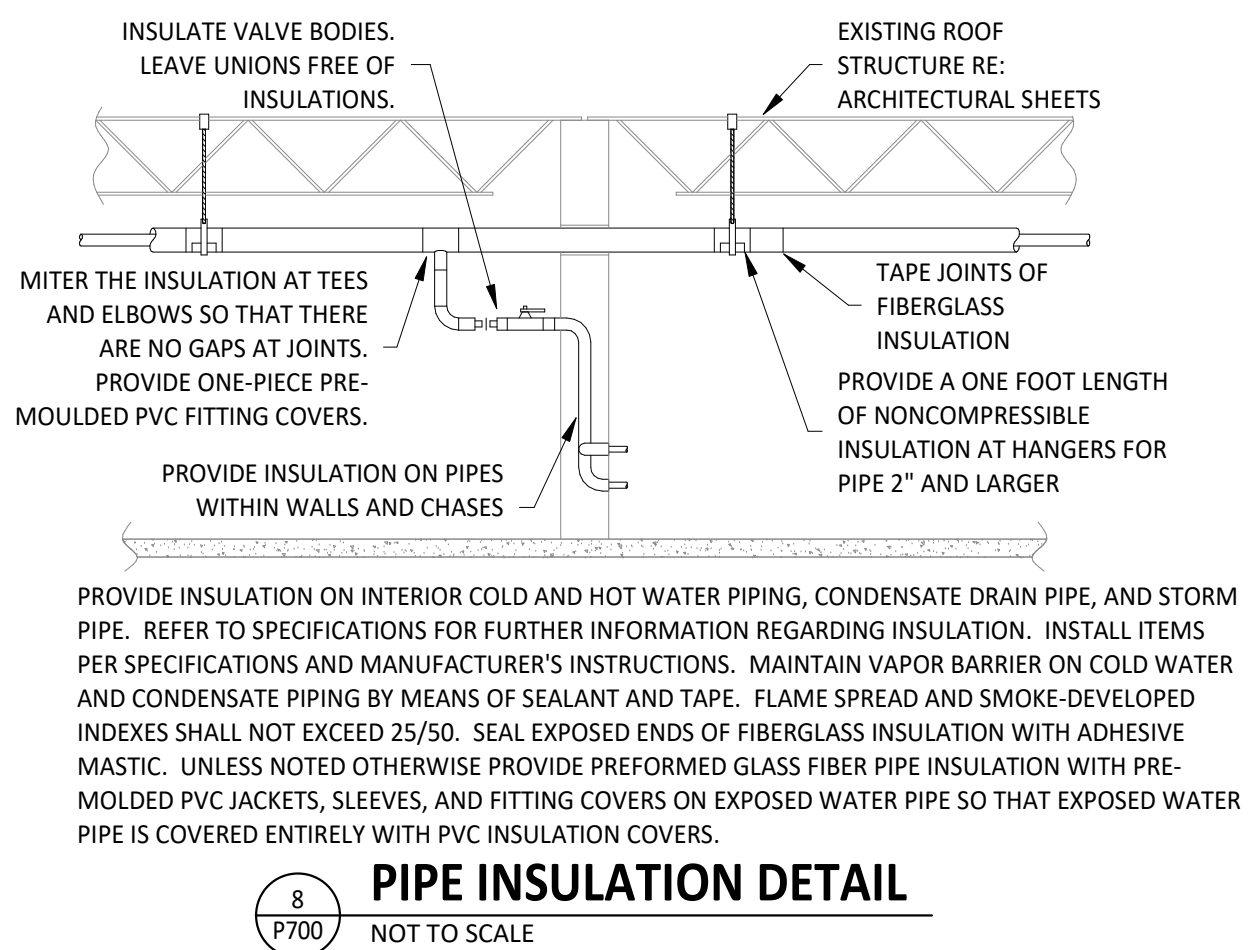
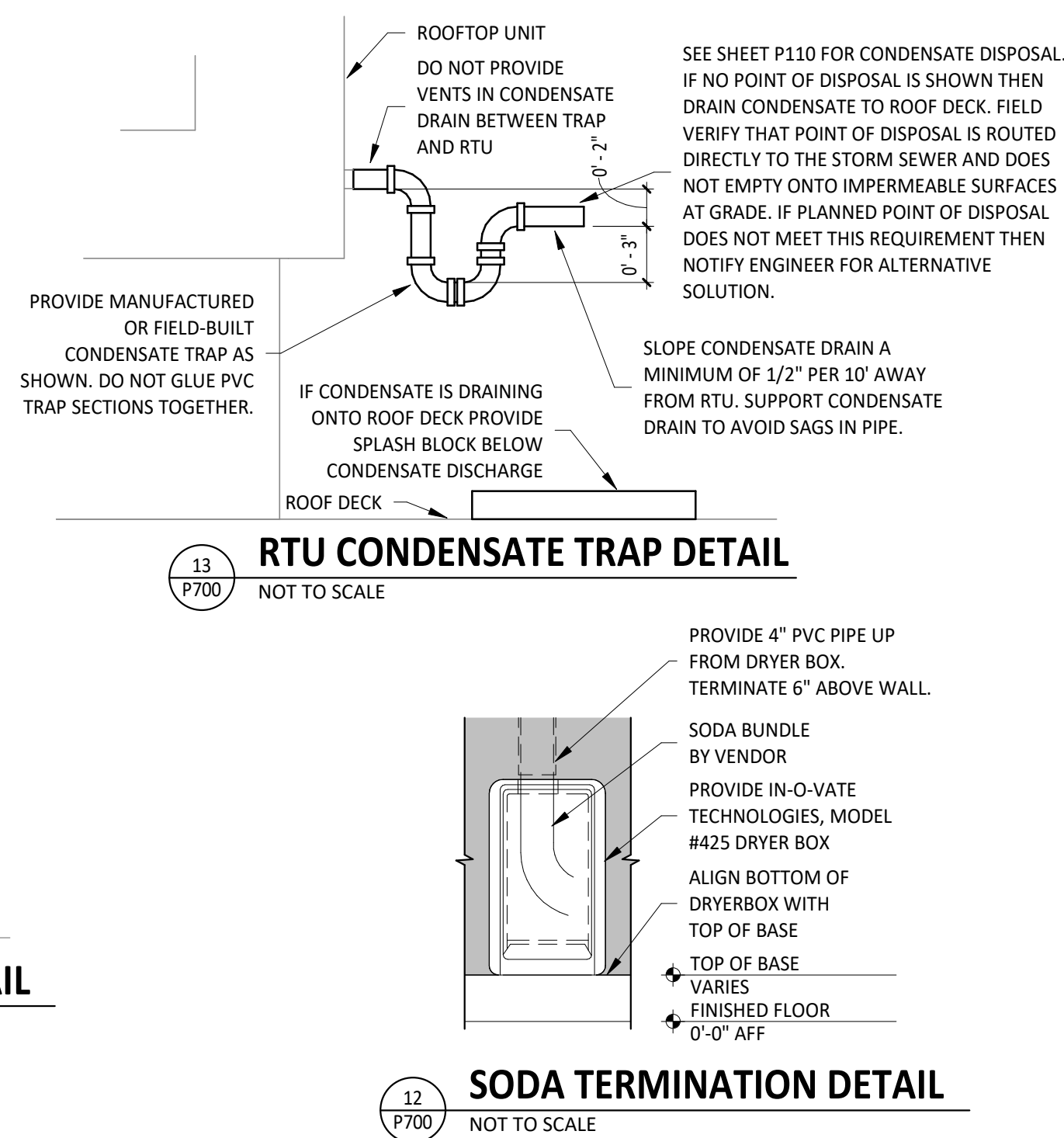
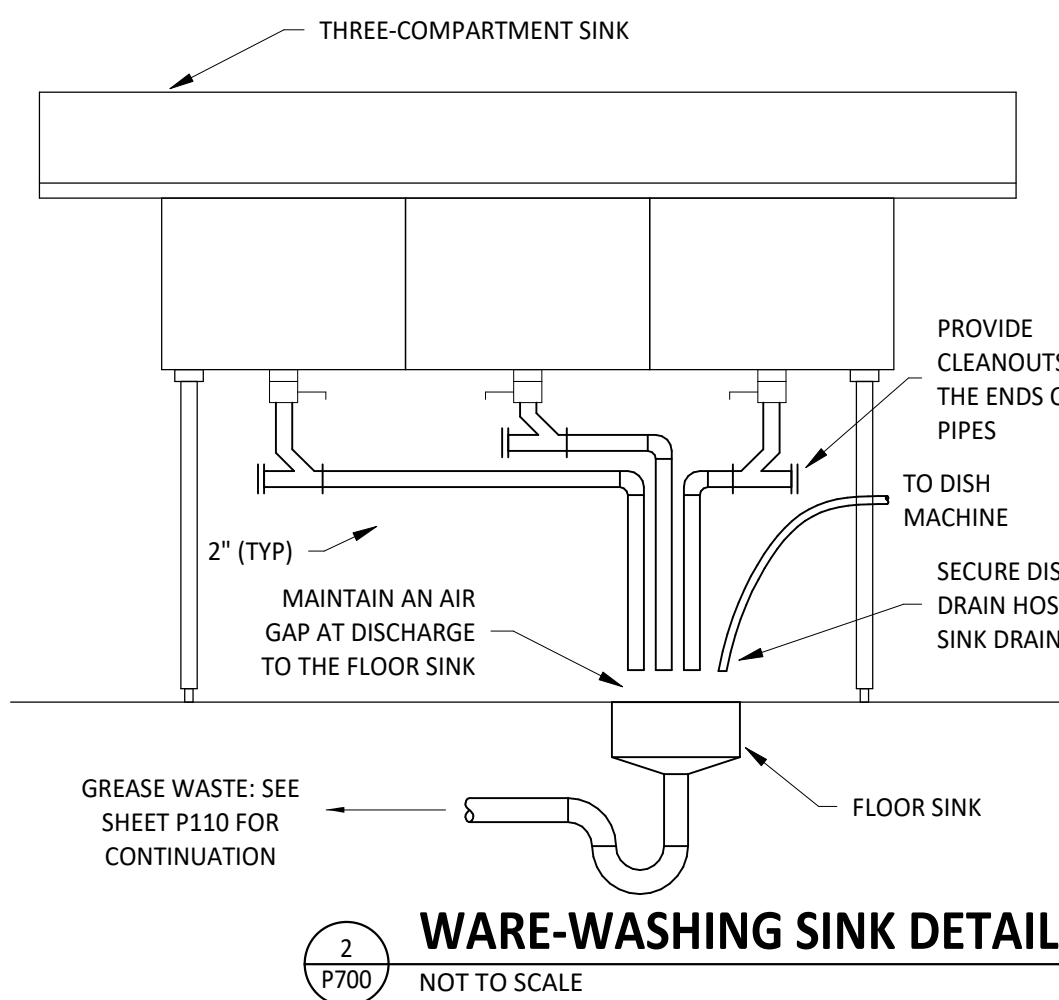
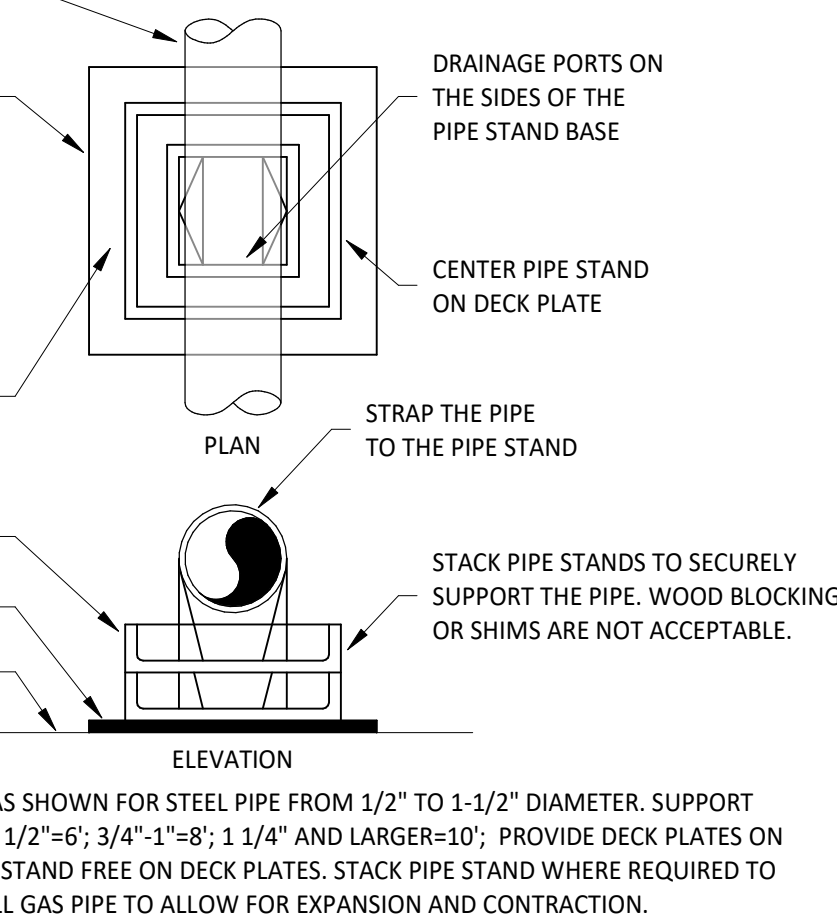
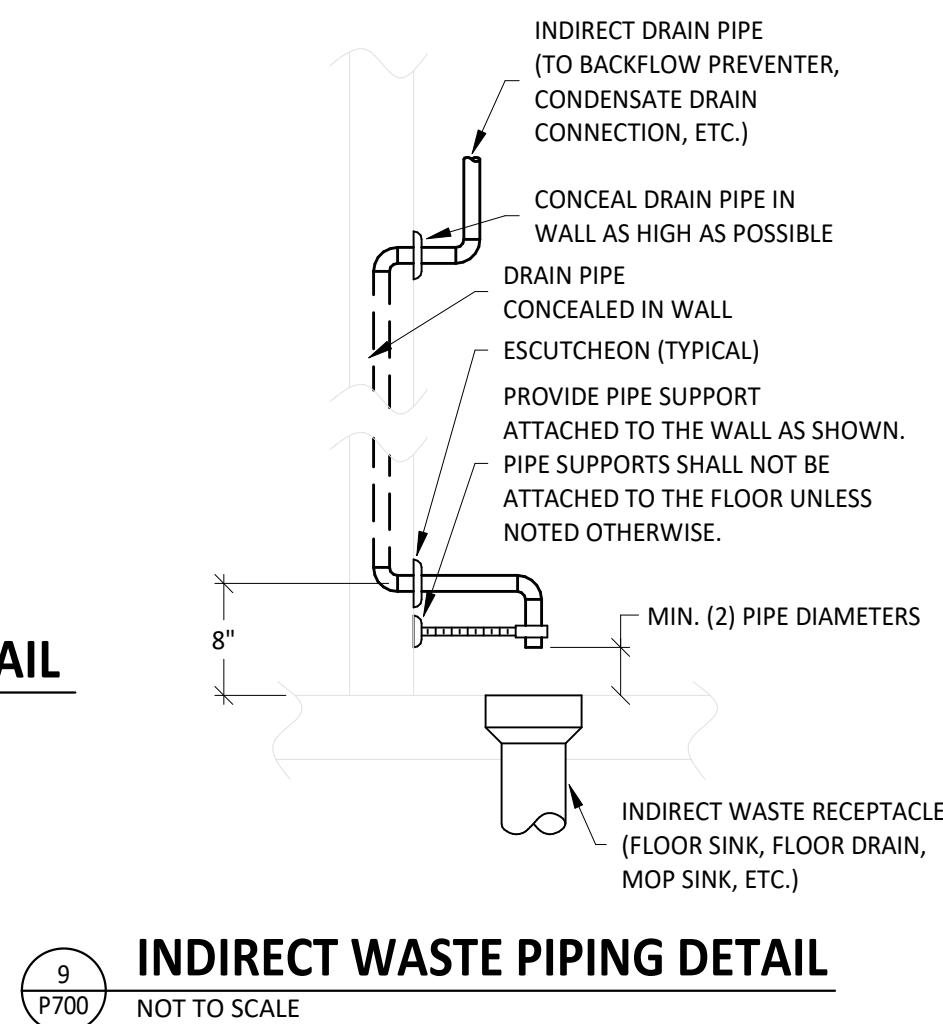
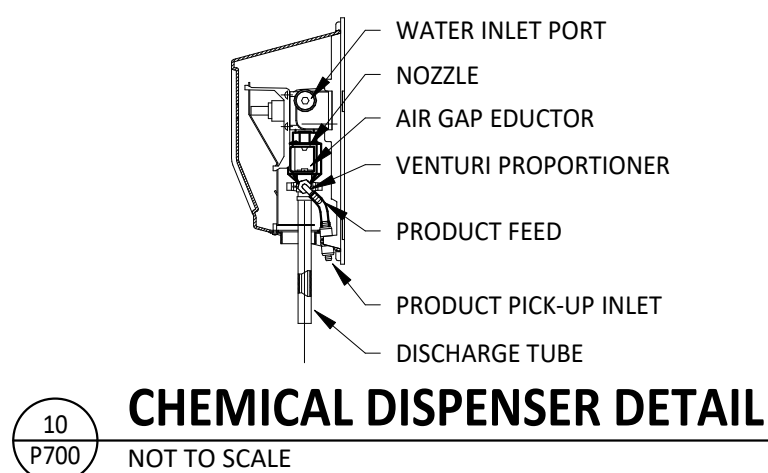
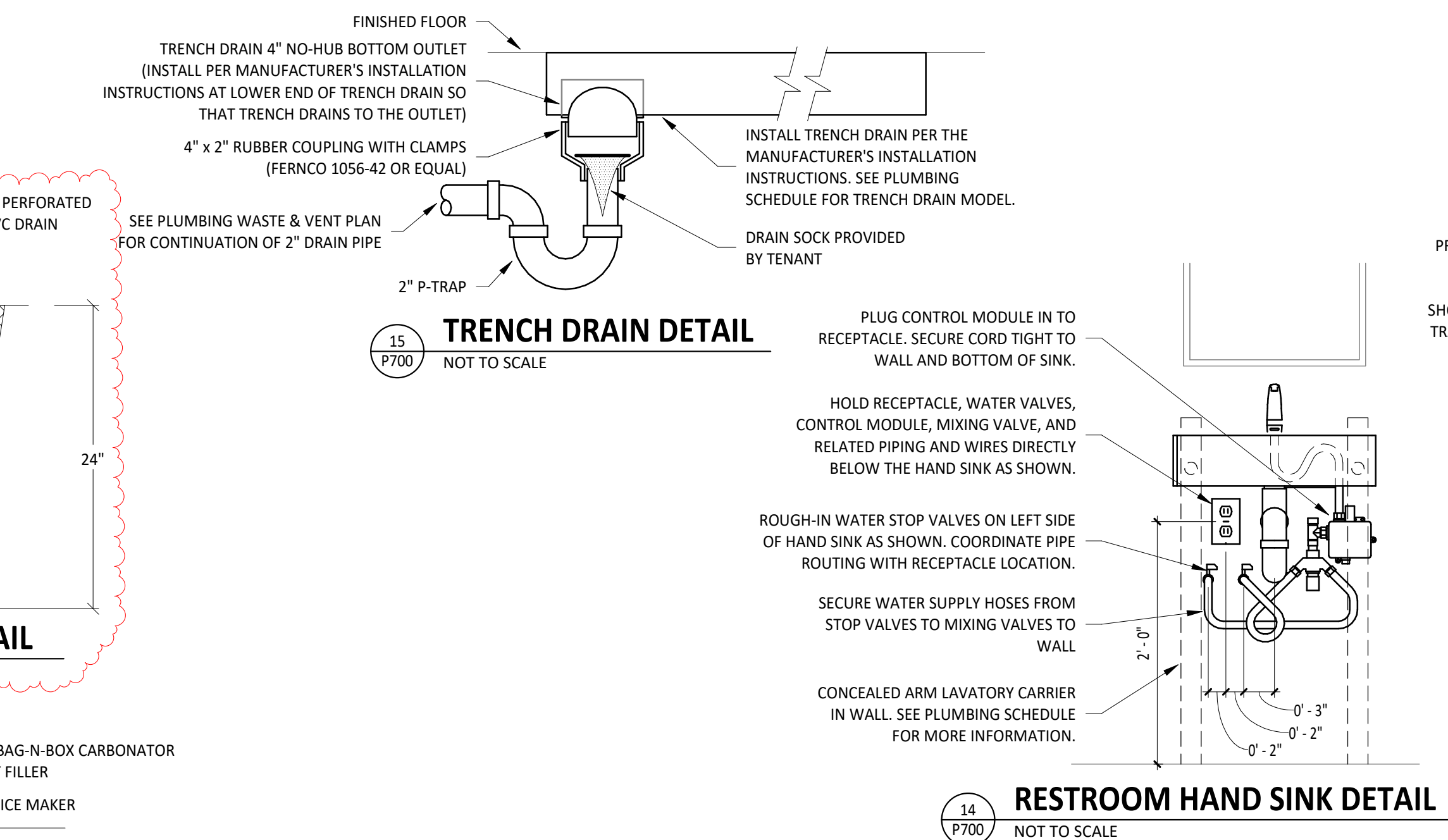
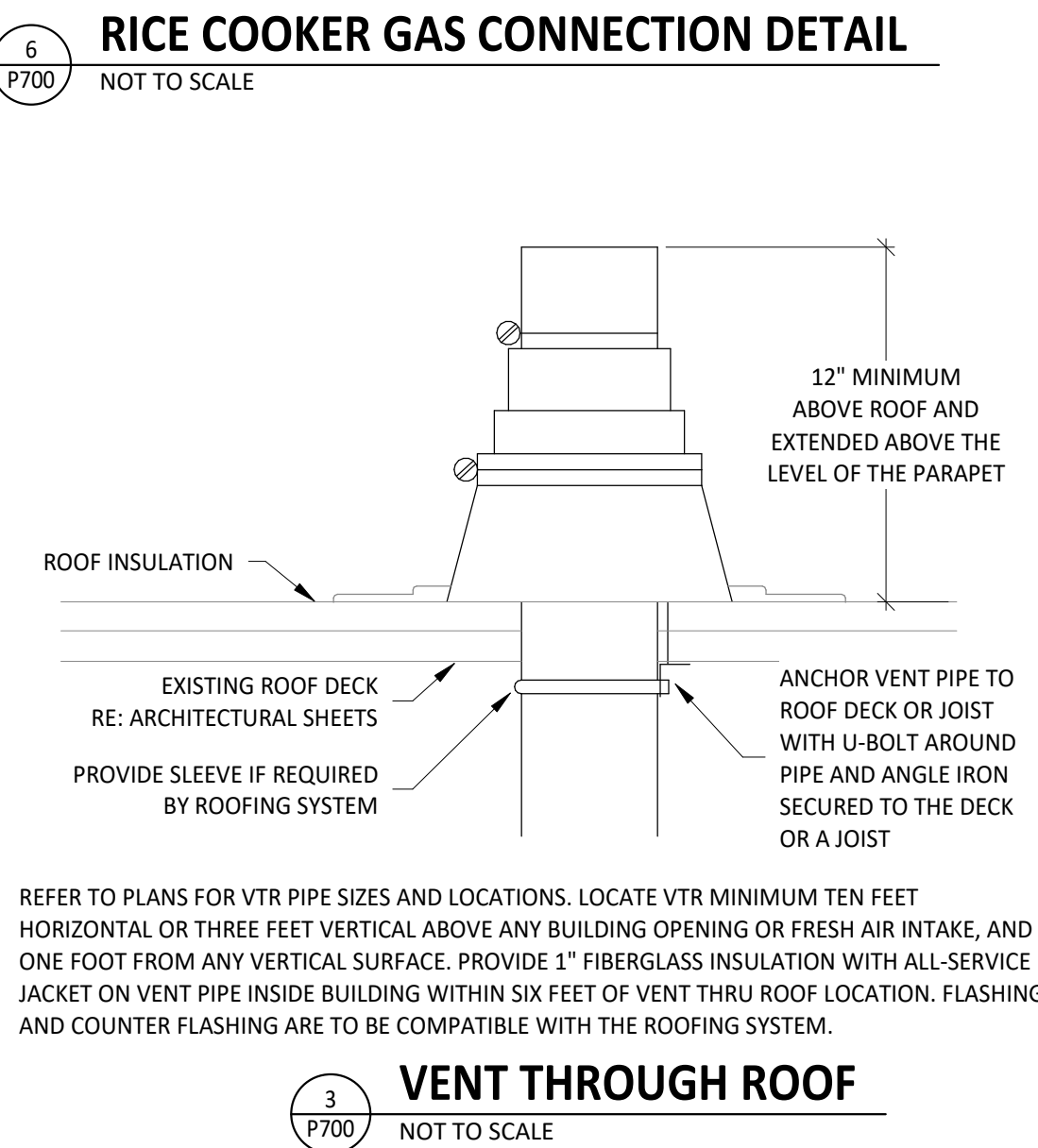
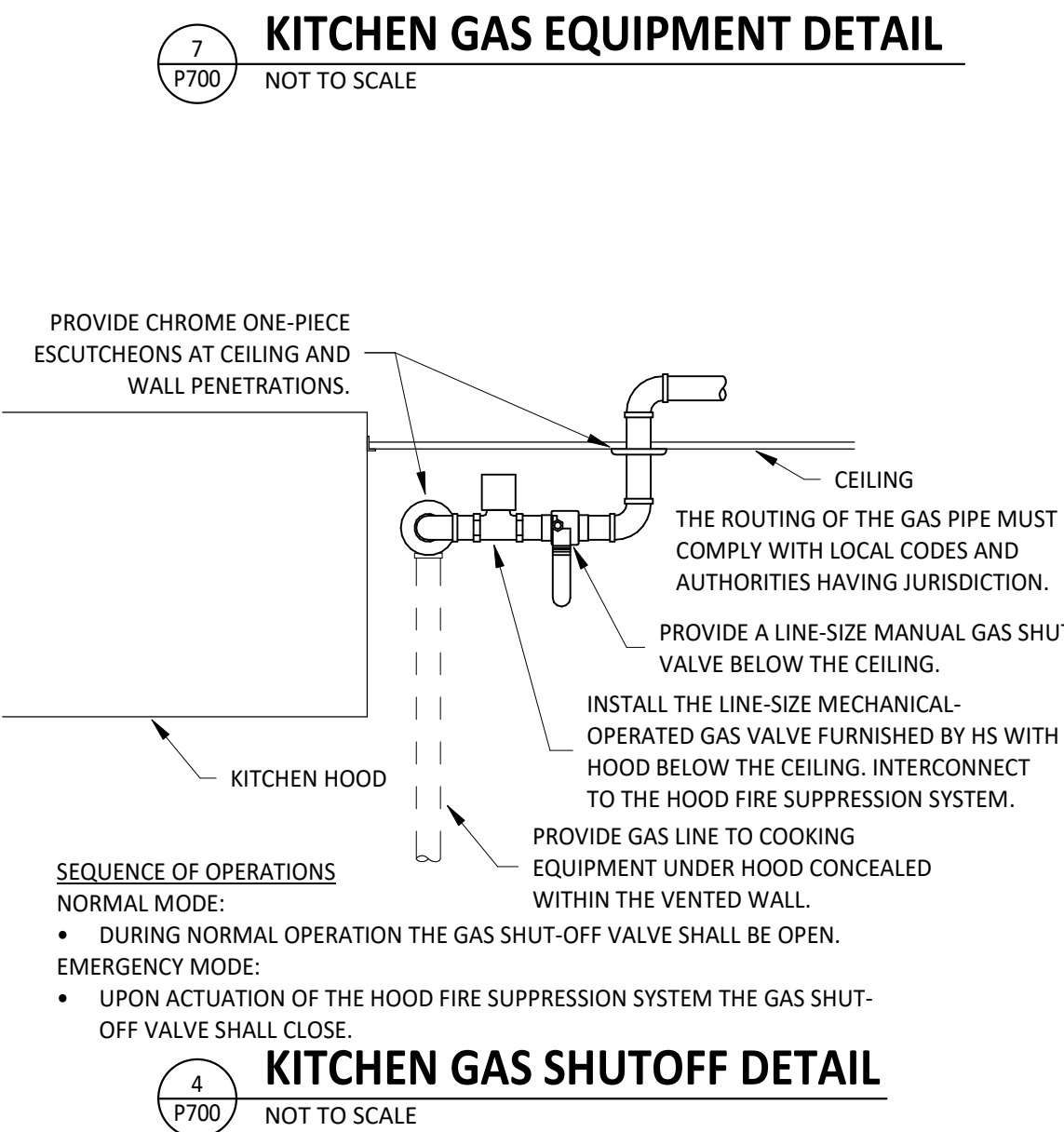
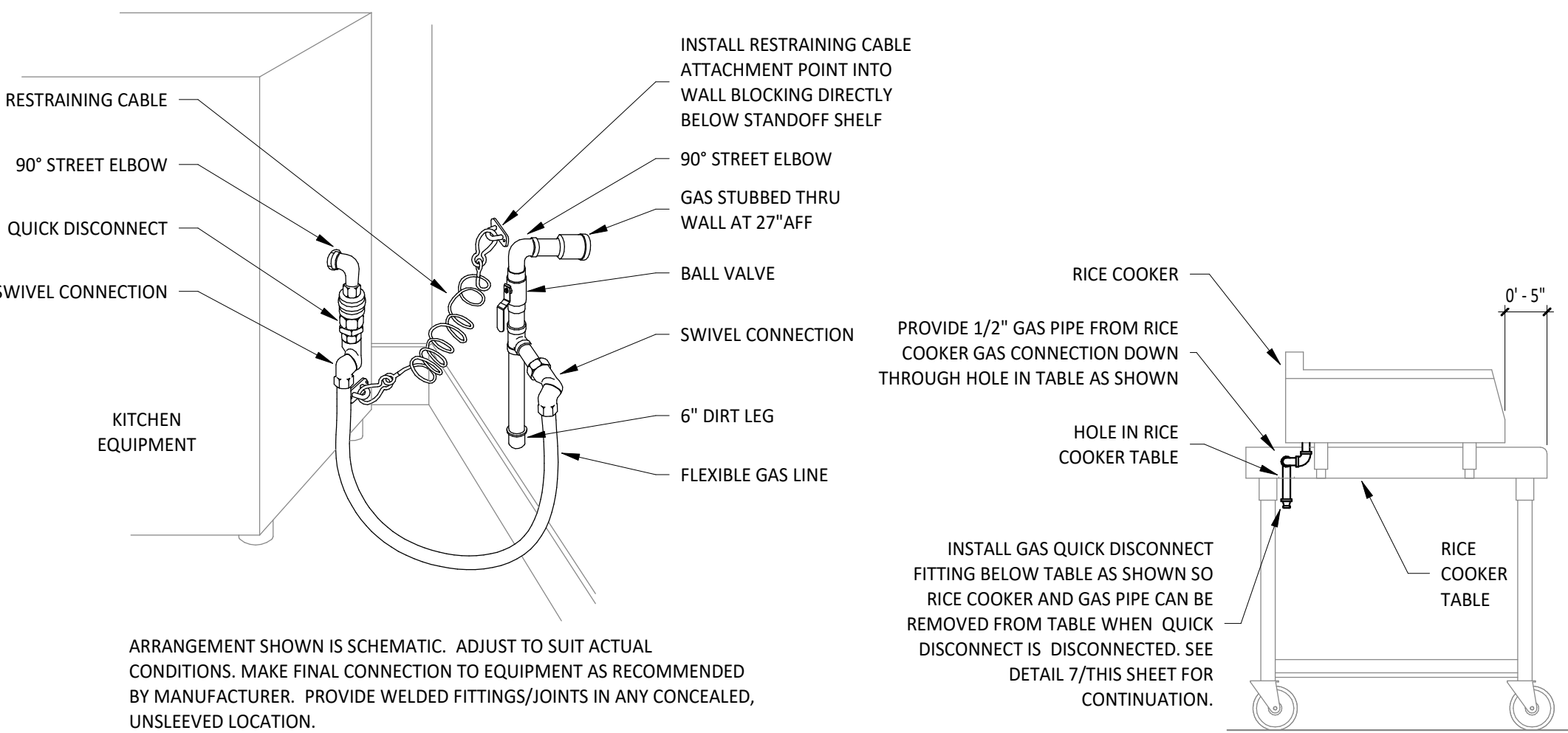
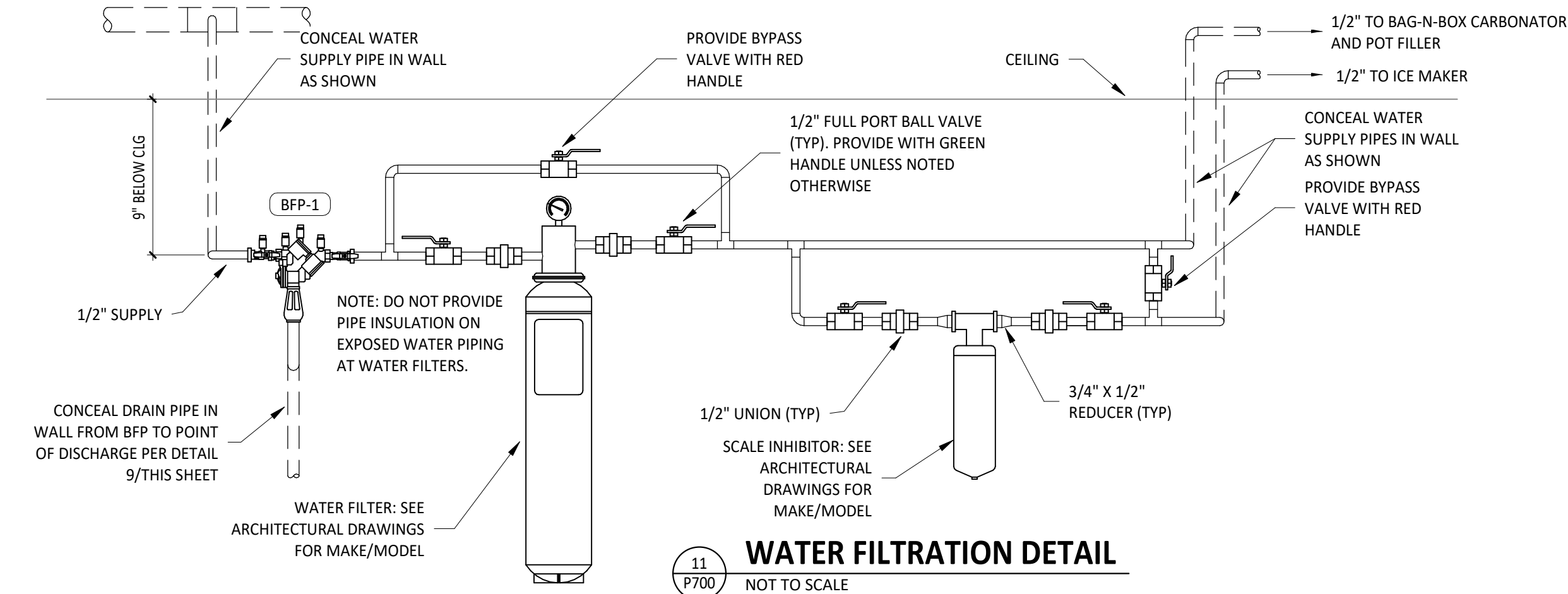
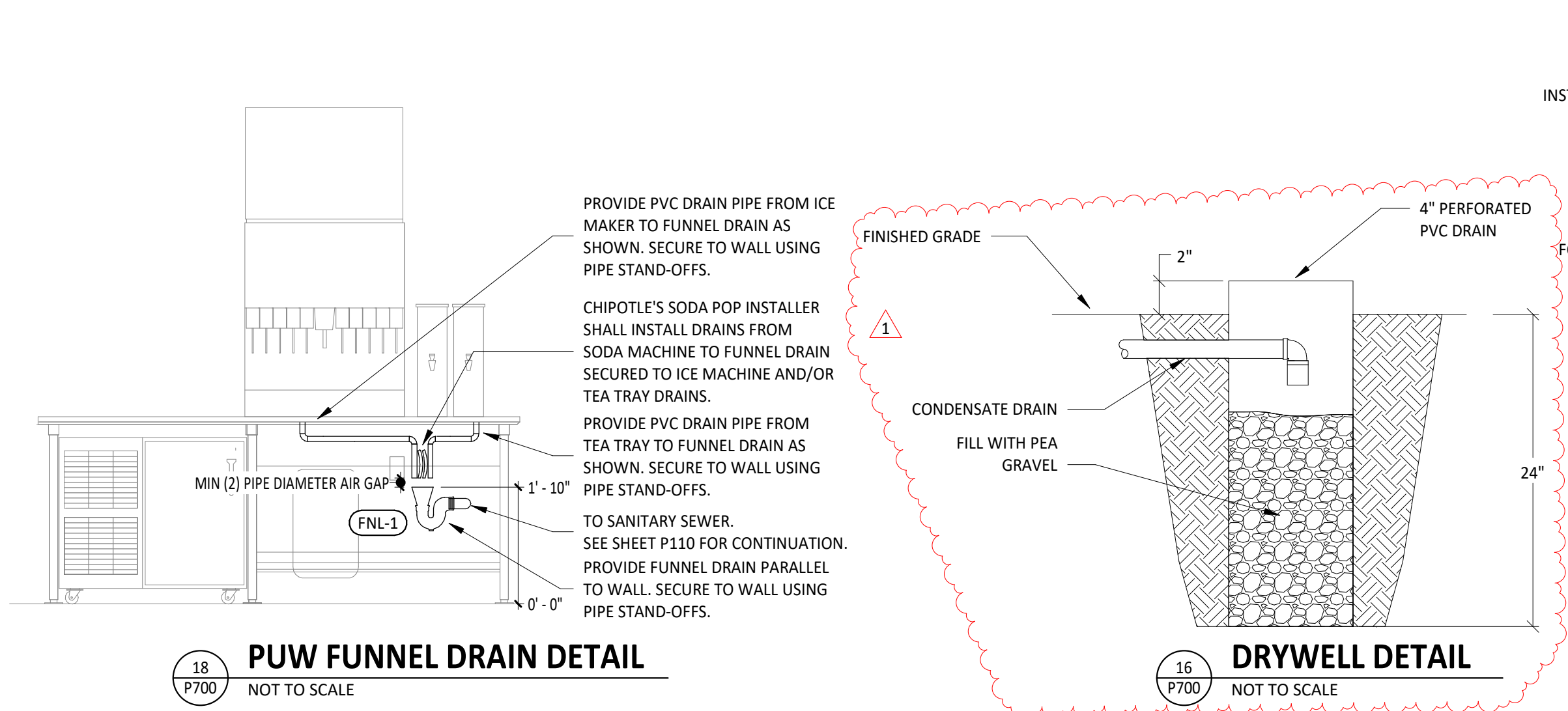
STORE NO.: 5338

Contents:

# P600

| TAG   | DESCRIPTION                             | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN  |                | REMARKS                                                                                                                                                                                                                                                                         | COUNT | CONNECTION SIZE |      |       | WATER SUPPLY FIXTURE UNITS |      |       | DRAINAGE FIXTURE UNITS |
|-------|-----------------------------------------|--------------|--------------|-------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|------|-------|----------------------------|------|-------|------------------------|
|       |                                         |              |              | MANUFACTURER      | MODEL          |                                                                                                                                                                                                                                                                                 |       | CW              | HW   | WASTE | CW                         | HW   | TOTAL |                        |
| BFP-1 | RPZ BACKFLOW PREVENTER                  | GC           | GC           | CONBRACO          | 4ALF-203-T2F   | LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE                                                                                                                                                                                | 1     | 1/2"            |      |       |                            |      | 0     |                        |
| DM-1  | DISH SANITIZING MACHINE (PUMPED OUTLET) | KES          | GC           | SEE ARCH          | --             | CHEMICAL SANITIZING DISH MACHINE WITH INTEGRAL ELECTRIC BOOSTER HEATER AND PUMPED OUTLET                                                                                                                                                                                        | 1     | 0"              | 1/2" | 5/8"  | 0                          | 3    | 3     | 7                      |
| ET-1  | EXPANSION TANK                          | GC           | GC           | AMTROL            | ST-5           | 2 GALLON CAPACITY                                                                                                                                                                                                                                                               | 1     | 3/4"            |      |       | 0                          |      | 0     |                        |
| FB-1  | GAS FRYER                               | KES          | GC           | SEE ARCH          | --             |                                                                                                                                                                                                                                                                                 | 1     |                 |      |       |                            |      |       |                        |
| FCO-1 | FLOOR CLEANOUT (3")                     | GC           | GC           | SIOUX CHIEF       | 852-3PNR       | ON-GRADE ADJUSTABLE CLEANOUT WITH INTERNAL THREADED CLEANOUT PLUG AND ROUND NICKEL-BRONZE RING AND COVER<br>(OR APPROVED EQUAL WITH INTERNAL THREADED CLEANOUT PLUG)                                                                                                            | 1     |                 |      | 3"    |                            |      |       | 0                      |
| FCO-2 | FLOOR CLEANOUT (4")                     | GC           | GC           | SIOUX CHIEF       | 852-4PNR       | ON-GRADE ADJUSTABLE CLEANOUT WITH INTERNAL THREADED CLEANOUT PLUG AND ROUND NICKEL-BRONZE RING AND COVER<br>(OR APPROVED EQUAL WITH INTERNAL THREADED CLEANOUT PLUG)                                                                                                            | 5     |                 |      | 4"    |                            |      |       | 0                      |
| FD-1  | FLOOR DRAIN                             | GC           | GC           | SIOUX CHIEF       | 842-2-PNR      | ADJUSTABLE FLOOR DRAIN WITH PVC BODY, ROUND POLISHED METAL RING AND STRAINER, AND TRAP PRIMER PORT                                                                                                                                                                              | 6     | 1/2"            |      | 2"    |                            |      |       | 2                      |
| FNL-1 | FUNNEL DRAIN                            | GC           | GC           | JAY R. SMITH      | 3823T          | FUNNEL DRAIN WITH CAST BRONZE BODY AND THREADED OUTLET                                                                                                                                                                                                                          | 1     |                 |      | 2"    |                            |      |       | 2                      |
| FS-1  | FLOOR SINK                              | GC           | GC           | SIOUX CHIEF       | 861-3PU2       | HEAVY DUTY PVC FLOOR SINK WITH ALUMINUM DOME BOTTOM STRAINER AND OPEN HALF PVC GRATE                                                                                                                                                                                            | 7     |                 |      | 3"    |                            |      |       | 5                      |
| GR-1  | GAS GRIDDLE                             | KES          | GC           | SEE ARCH          | --             |                                                                                                                                                                                                                                                                                 | 1     |                 |      |       |                            |      |       |                        |
| HB-1  | CHEMICAL DISPENSER HOSE BIB             | KES          | GC           | SEE ARCH          | --             | COMMERCIAL QUALITY HOT & COLD MIXING WALL HYDRANT. SUPPLY ARMS SHALL HAVE INTEGRAL SHUT-OFF STOP AND CHECK VALVE. FAUCET HAS FEMALE NPT INLETS.                                                                                                                                 | 2     | 1/2"            | 1/2" |       | 2.25                       | 2.25 | 3     |                        |
| HB-2  | VEGETABLE WASH HOSE BIB                 | KES          | GC           | SEE ARCH          | --             | SILL FAUCET WITH NPT FEMALE INLET                                                                                                                                                                                                                                               | 1     | 1/2"            |      |       | 1.5                        |      | 1.5   |                        |
| HS-1A | RESTROOM HAND SINK                      | GC           | GC           | AMERICAN STANDARD | 9024.001EC     | ADA-ACCESSIBLE, WALL-MOUNTED, PORCELAIN LAVATORY. PROVIDE ZURN Z1231 (Z1231-D FOR BACK-TO-BACK APPLICATIONS) CONCEALED ARM CARRIER IN WALL.<br>APPROVED ALTERNATE: KOHLER K-2084                                                                                                | 2     |                 |      | 2"    |                            |      |       | 1                      |
| HS-1B | RESTROOM HAND SINK FAUCET               | KES          | GC           | SEE ARCH          | --             | PLUG-IN AUTOMATIC FAUCET WITH 0.5 GPM AERATOR AND THERMOSTATIC MIXING VALVE. ADJUST FAUCET CONTROLS FOR 10 SECOND SHUTOFF DELAY AND 30 SECOND TIME-OUT DELAY.                                                                                                                   | 2     | 1/2"            | 1/2" |       | 1.5                        | 1.5  | 2     |                        |
| HS-2  | KITCHEN HAND SINK                       | KES          | GC           | SEE ARCH          | --             | STAINLESS STEEL SINK WITH WALL MOUNTING BRACKET AND BACKSPLASH MOUNTED FAUCET WITH SWIVEL GOOSENECK                                                                                                                                                                             | 4     | 1/2"            | 1/2" | 2"    | 1.5                        | 1.5  | 2     | 1                      |
| IM-1  | ICE MAKER - BOH                         | KES          | KES          | SEE ARCH          | --             | BACK OF HOUSE ICE MAKER WITH BIN (STANDARD CAPACITY REMOTE AIR COOLED)                                                                                                                                                                                                          | 1     | 1/2"            |      |       | 1                          |      | 1     |                        |
| IM-2  | ICE MAKER - SODA                        | KES          | KES          | SEE ARCH          | --             | SODA MACHINE-MOUNTED ICE MACHINE (INTEGRAL AIR COOLED)                                                                                                                                                                                                                          | 1     | 1/2"            |      |       | 1                          |      | 1     |                        |
| IM-3  | ICE MAKER - SODA                        | KES          | KES          | SEE ARCH          | --             | SODA MACHINE-MOUNTED ICE MACHINE (REMOTE AIR COOLED)                                                                                                                                                                                                                            | 1     | 1/2"            |      |       | 1                          |      | 1     |                        |
| MB-1A | MOP BASIN                               | GC           | GC           | FIAT              | MSB2424        | PROVIDE 24"x24"x10" MOLDED-STONE MOP BASIN. INSTALL MOP BASIN IN A BED OF GROUT SO THERE ARE NO VOIDS BETWEEN THE MOP BASIN AND THE SLAB.                                                                                                                                       | 1     |                 |      | 3"    |                            |      |       | 2                      |
| MB-1B | MOP SINK FAUCET                         | KES          | GC           | SEE ARCH          | --             | SERVICE SINK FAUCET WITH BUILT IN STOPS, LEVER HANDLES, WALL BRACE, AND NPT FEMALE INLETS                                                                                                                                                                                       | 1     | 1/2"            | 1/2" |       | 2.25                       | 2.25 | 3     |                        |
| PF-1  | SPEED FILL FAUCET                       | KES          | GC           | SEE ARCH          | --             | WALL-MOUNTED POT FILLER W/ SELF-CLOSING FILLER VALVE AND NPT FEMALE INLET                                                                                                                                                                                                       | 1     | 3/8"            |      |       | 1.5                        |      | 1.5   |                        |
| RC-1  | RICE COOKER                             | KES          | GC           | SEE ARCH          | --             |                                                                                                                                                                                                                                                                                 | 1     |                 |      |       |                            |      |       |                        |
| RH-1  | FREEZE PROOF ROOF HYDRANT               | GC           | GC           | HOEPTNER          | 2131R          | AUTOMATIC DRAINING, FREEZELESS ROOF HYDRANT WITH ANTI-SIPHON VACUUM BREAKER<br>HOEPTNER PRODUCTS (408) 847-7615                                                                                                                                                                 | 1     | 3/4"            |      |       | 1                          |      | 1     |                        |
| RN-1  | 6 BURNER RANGE                          | KES          | GC           | SEE ARCH          | --             |                                                                                                                                                                                                                                                                                 | 1     |                 |      |       |                            |      |       |                        |
| RTU-1 | KITCHEN ROOFTOP UNIT                    | HES          | GC           | CARRIER           | 48HC_D11       | FURNISHED WITH HINGED ACCESS PANELS, DEHUMIDIFICATION, STANDARD ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE | 1     |                 |      |       |                            |      |       |                        |
| RTU-2 | DINING ROOM ROOFTOP UNIT                | HES          | GC           | CARRIER           | 48HC_D11       | FURNISHED WITH HINGED ACCESS PANELS, DEHUMIDIFICATION, STANDARD ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, SUP. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE | 1     |                 |      |       |                            |      |       |                        |
| SC-1  | BAG-IN-BOX SODA RACK WITH CARBONATORS   | SPS          | SPS          | SEE ARCH          | --             | SODA CARBONATOR(S) SHALL HAVE AN INTEGRAL ASSE 1022-RATED CARBONATED BEVERAGE BACKFLOW PREVENTION DEVICE.                                                                                                                                                                       | 1     | 1/2"            |      |       | 1                          |      | 1     |                        |
| SK-1  | THREE COMPARTMENT SINK                  | KES          | GC           | SEE ARCH          | --             | THREE-COMPARTMENT WARE-WASHING SINK FURNISHED WITH (1) PRE-RINSE UNIT WITH ADD-ON FAUCET                                                                                                                                                                                        | 1     | 1/2"            | 1/2" | 2"    | 3                          | 3    | 4     | 0                      |
| SK-2  | PREP SINK                               | KES          | GC           | SEE ARCH          | --             | STAINLESS STEEL PREP TABLE WITH INTEGRAL PREP SINK. FURNISHED WITH "BIG FLO" FAUCET                                                                                                                                                                                             | 1     | 3/4"            | 3/4" | 2"    | 3                          | 3    | 4     | 0                      |
| TD-1  | TRENCH DRAIN                            | GC           | GC           | ZURN              | 2886 8601 8602 | 6" X 160" HDPE TRENCH DRAIN (SLOPED FROM 3.50" TO 4.70") WITH (2) CLOSED END CAPS, (1) 4" NO-HUB BOTTOM OUTLET, AND CLASS-A HEEL-PROOF POLYETHYLENE GRATES. SEE DETAIL ON SHEET P700 FOR REDUCTION TO 2" DRAIN CONNECTION.                                                      | 1     |                 |      |       |                            |      |       |                        |

| TAG   | DESCRIPTION                 | NATURAL GAS   |                 | ELECTRICAL |          | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN |           | REMARKS                                                                                                                                                                                                                                                                  |
|-------|-----------------------------|---------------|-----------------|------------|----------|--------------|--------------|------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                             | INPUT         | CONNECTION SIZE | FLA        | V/P/H    |              |              | MANUFACTURER     | MODEL     |                                                                                                                                                                                                                                                                          |
| DWH-1 | WATER HEATER (GAS TANKLESS) | 199,000 Btu/h | 3/4"            |            | 120/1/60 | GC           | GC           | NAVIENT          | NPE-240A2 | RATED FLOW RATE: 5.6 GPM @ 67°F RISE<br>THERMAL EFFICIENCY: 96%<br>PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR). |
| DWH-2 | WATER HEATER (GAS TANKLESS) | 199,000 Btu/h | 3/4"            |            | 120/1/60 | GC           | GC           | NAVIENT          | NPE-240A2 | RATED FLOW RATE: 5.6 GPM @ 67°F RISE<br>THERMAL EFFICIENCY: 96%<br>PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR). |



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|                     |                        |
|---------------------|------------------------|
| Issue Record:       |                        |
| 09.09.2024          | PERMIT SET             |
| 10.23.2024          | BID SET                |
| 01.24.2025          | CONSTRUCTION SET       |
| Revisions:          |                        |
| 1                   | 11.19.24 CODE COMMENTS |
| Drawn: AJJ          |                        |
| Checked: AJJ        |                        |
| Project No: 2401013 |                        |
| Contents:           |                        |

PLUMBING DETAILS

P700



LIGHTING CONTROL PANEL SCHEDULE: LCP

| RELAY | PANEL | CIRCUIT | AREA SERVED           | CONTROL   | TIME ON       | TIME OFF    | NOTES            |
|-------|-------|---------|-----------------------|-----------|---------------|-------------|------------------|
| R1    | A     | 32      | KITCHEN A             | TIMECLOCK | 7:00:00 AM    | 12:00:00 AM | SINGLE POLE (NC) |
| R2    | A     | 32      | KITCHEN B             | TIMECLOCK | 7:00:00 AM    | 12:00:00 AM | SINGLE POLE (NC) |
| R3    |       |         | SPARE                 | -         | -             | -           | SINGLE POLE (NC) |
| R4    | A     | 30      | DINING ROOM A         | TIMECLOCK | 10:00:00 AM   | 12:00:00 AM | SINGLE POLE (NC) |
| R5    | A     | 30      | DINING ROOM B         | TIMECLOCK | 10:00:00 AM   | 12:00:00 AM | SINGLE POLE (NC) |
| R6    |       |         | SPARE                 | -         | -             | -           | SINGLE POLE (NC) |
| R7    | A     | 28      | RESTROOM EXHAUST FAN  | TIMECLOCK | 7:00:00 AM    | 12:00:00 AM | SINGLE POLE (NC) |
| R8    | A     | 42      | EXT. LIGHTING/SIGNAGE | TIMECLOCK | SUNSET - 1 HR | 12:00:00 AM | SINGLE POLE (NC) |

LIGHTING CONTROL PANEL SCHEDULE NOTES

A. DUPLICATE PANEL SCHEDULE AND PERMANENTLY INSTALL WITHIN THE LIGHTING CONTROL PANEL.

LIGHTING CONTROL COMPONENTS SCHEDULE

|     | DESCRIPTION                                | QUANTITY | FURNISHED BY | INSTALLED BY | MANUFACTURER | MODEL                                         | REMARKS                                                                                                                                                                              |
|-----|--------------------------------------------|----------|--------------|--------------|--------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCP | nLIGHT LIGHTING CONTROL PANEL              | 1        | TLS          | GC           | ACUITY       | ARP INTENC08 NLT 8FCR MVOLT HLK FM DTC CPTLE1 | 8 RELAY PANEL FOR DIMMING CONTROL WITH FLUSH MOUNT ENCLOSURE, AND DIGITAL TIME CLOCK                                                                                                 |
| §C  | WALL-MOUNTED OVERRIDE SWITCH               | 1        | TLS          | GC           | ACUITY       | nPODMA 4P                                     | SEE LIGHTING CONTROL DIAGRAM FOR SWITCH CONFIGURATION                                                                                                                                |
| §D  | WALL-MOUNTED DIMMER SWITCH                 | 2        | TLS          | GC           | COOPER       | SAL06P-W                                      | SLIDE DIMMER COMPATIBLE WITH UP TO 300W LED LIGHTING. SET AT 50%. IF DINING ROOM LIGHTS FLICKER AT THIS DIMMER SETTING THEN GC SHALL PROVIDE LUTRON DVCL-253P DIMMER AS REPLACEMENT. |
| §OC | WALL-MOUNTED LINE VOLTAGE OCCUPANCY SENSOR | 3        | TLS          | GC           | HUBBELL      | LHMTS 1-N-WH                                  | WHITE DUAL TECHNOLOGY SINGLE RELAY WITH 1 BUTTON AND NEUTRAL WIRING                                                                                                                  |

LIGHTING FIXTURE SCHEDULE

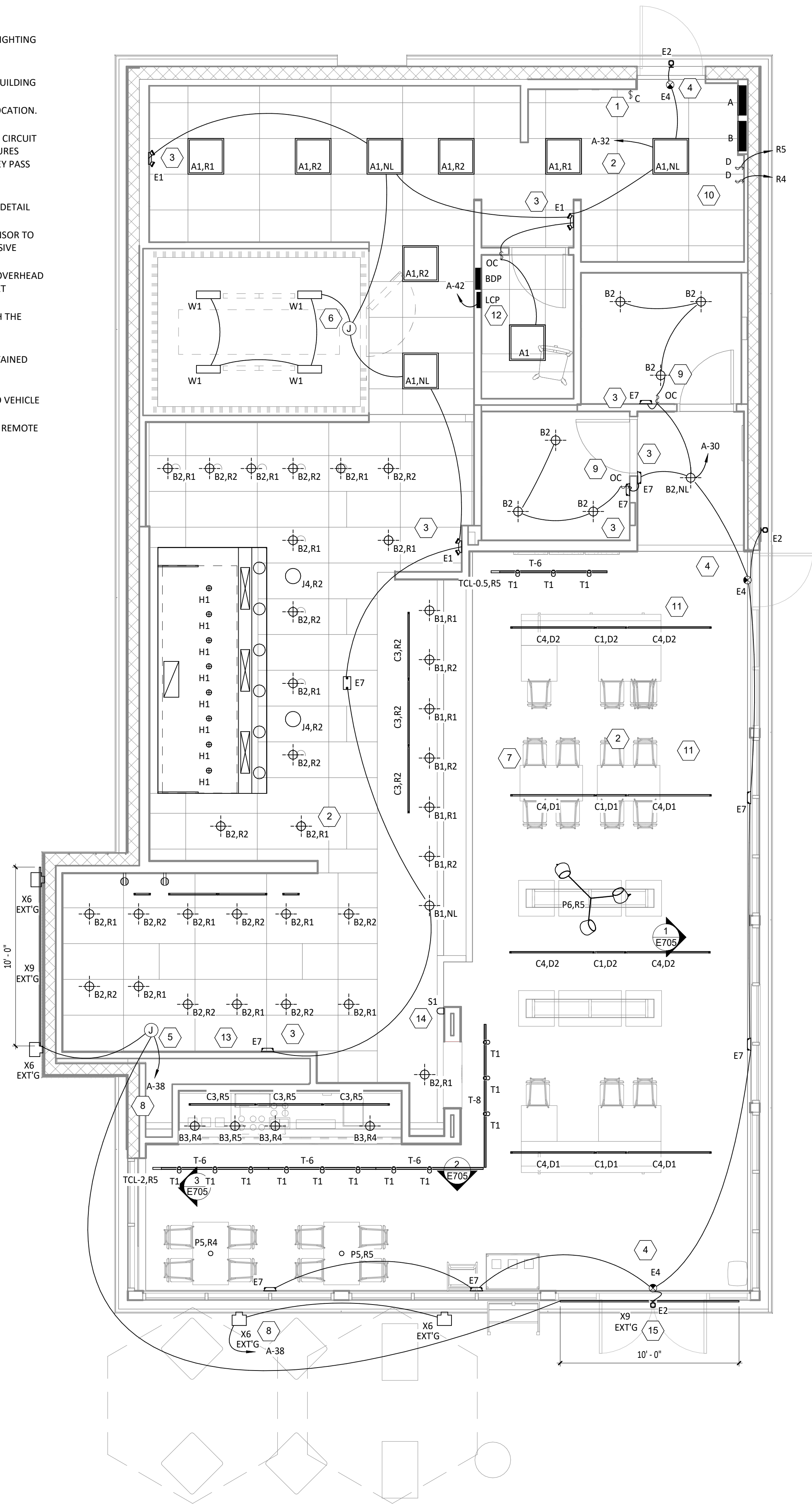
| TAG     | COUNT | DESCRIPTION                                                | MOUNTING | VOLTAGE | WATTS | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN  |                                            |                                                                            | REMARKS                                                                                                                          |
|---------|-------|------------------------------------------------------------|----------|---------|-------|--------------|--------------|-------------------|--------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|         |       |                                                            |          |         |       |              |              | MANUFACTURER      | MODEL                                      | LAMP                                                                       |                                                                                                                                  |
| A1      | 9     | 2x2 LED LENSED TROFFER                                     | LAY-IN   | 120 V   | 30 W  | TLS          | GC           | NORA LIGHTING     | NPDBL-E22/334 W                            | INTEGRAL 3000K LED                                                         | COMPATIBLE WITH 0-10V DIMMING, FACTORY LOCKED TO 3000K                                                                           |
| B1      | 7     | RECESSED GIN CAN LIGHT                                     | CEILING  | 120 V   | 17 W  | TLS          | GC           | NORA LIGHTING     | NHIC-6G24ATFL W/ NTM-57W/M1 TRIM           | (1) 17W ECOSTORY ECO-PAR38C-17-GU24-27 K-25D LED (25"-2700K) W/ GU 24 BASE |                                                                                                                                  |
| B2      | 33    | RECESSED GIN CAN LIGHT W/ LED TRIM                         | CEILING  | 120 V   | 17 W  | TLS          | GC           | NORA LIGHTING     | NHIC-6G24ATFL WITH NLBCB-65130WW LED TRIM  | INTEGRAL 3000K LED                                                         | LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER                                                                                      |
| B3      | 4     | RECESSED GIN CAN LIGHT W/ BLACK LED TRIM                   | CEILING  | 120 V   | 12 W  | TLS          | GC           | NORA LIGHTING     | NHIC-6G24ATFL WITH NLBCB2-65127B8 LED TRIM | INTEGRAL 3000K LED                                                         | BLACK LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER                                                                                |
| C0      | 2     | LOW PROFILE LED - 1 FT                                     | SURFACE  | 120 V   | 5 W   | TLS          | GC           | HERA LIGHTING     | EL/LED/12/WW                               | INTEGRAL 3000K LED                                                         | FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION                                                 |
| C1      | 4     | LOW PROFILE LED - 2 FT                                     | SURFACE  | 120 V   | 9 W   | TLS          | GC           | HERA LIGHTING     | EL/LED/22/WW                               | INTEGRAL 3000K LED                                                         | FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION                                                 |
| C2      | 2     | LOW PROFILE LED - 3 FT                                     | SURFACE  | 120 V   | 12 W  | TLS          | GC           | HERA LIGHTING     | EL/LED/34/WW                               | INTEGRAL 3000K LED                                                         | FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION                                                 |
| C3      | 6     | LOW PROFILE LED - 4 FT                                     | SURFACE  | 120 V   | 15 W  | TLS          | GC           | HERA LIGHTING     | EL/LED/46/WW                               | INTEGRAL 3000K LED                                                         | FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION                                                 |
| C4      | 8     | LOW PROFILE LED - 5 FT                                     | SURFACE  | 120 V   | 18 W  | TLS          | GC           | HERA LIGHTING     | EL/LED/59/WW                               | INTEGRAL 3000K LED                                                         | FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION                                                 |
| E1      | 3     | EMERGENCY LIGHT - DUAL HEAD                                | VARIOUS  | 120 V   | 2 W   | TLS          | GC           | EXITRONIX         | LED-90                                     | INTEGRAL LED                                                               | 90 MINUTE BATTERY BACKUP                                                                                                         |
| E2      | 3     | EXTERIOR REMOTE EMERGENCY LIGHT                            | VARIOUS  | 4 V     | 1 W   | TLS          | GC           | EXITRONIX         | MLED1-B-WP                                 | INTEGRAL LED                                                               | LOW VOLTAGE REMOTE EMERGENCY LIGHT POWERED BY REMOTE-CAPABLE EXIT SIGN WITH MOUNTING PLATE                                       |
| E4      | 3     | WHITE EXIT SIGN WITH EMERGENCY LIGHT -STANDARD RED LETTERS | VARIOUS  | 120 V   | 2 W   | TLS          | GC           | EXITRONIX         | CLED-U-WH                                  | INTEGRAL LED                                                               | 90 MINUTE BATTERY BACKUP WITH INTEGRAL EMERGENCY LIGHT, REMOTE HEAD CAPABLE                                                      |
| E7      | 9     | EMERGENCY LIGHT                                            | VARIOUS  | 120 V   | 2 W   | TLS          | GC           | EXITRONIX         | EV2                                        | INTEGRAL LED                                                               | 90 MINUTE BATTERY BACKUP                                                                                                         |
| H1      | 8     | VAPOR PROOF HOOD LIGHT                                     | SURFACE  | 120 V   | 15 W  | HS/TLS       | HS           | FURNISHED W/ HOOD | FURNISHED W/ HOOD                          | (1) TCP L16A19N1527K                                                       | INSTALL LAMP FURNISHED SEPARATELY BY LIGHTING SUPPLIER                                                                           |
| J4      | 2     | DECORATIVE PENDANT                                         | PENDANT  | 120 V   | 9 W   | TLS          | GC           | BARNLIGHT         | BLE-C-BRN-100-ASH-SB K-100-NA-GU24         | GREEN CREATIVE 9A19DIM/927/GU24/R                                          | WITH BLACK LAMP SHADE, BLACK CORD, AND OAK LAMP HOLDER                                                                           |
| P5      | 2     | PENDANT                                                    | PENDANT  | 120 V   | 5 W   | TLS          | GC           | HI-LITE MFG       | H-LC-91/CB12-91/20W LBL                    | TCP FG25D4027CCQ                                                           | ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN ARCHITECTURAL DRAWINGS                                                      |
| P6      | 1     | DECORATIVE DINING ROOM PENDANT                             | PENDANT  | 120 V   | 30 W  | TLS          | GC           | BARNLIGHT         | BLE-C-JGT-133-35630-3                      | INTEGRAL LED                                                               | HARDWIRED SET OF (3) HEADS WITH UNIVERSAL CANOPY AND STANDARD BLACK CABLES                                                       |
| S1      | 1     | DRIVE-UP PICK-UP WINDOW CHIME/STROBE                       | WALL     | 16 V    | 0 W   | TLS          | GC           | FEDERAL SIGNAL    | SLMS00B W/ SLMBW-012-024                   | INTEGRAL                                                                   | SET SWITCH A TO "CHIME 1 SINGLE" (11011) AND SWITCH B TO "CHIME 2 SINGLE" (00111)                                                |
| T1      | 14    | TRACK HEAD                                                 | TRACK    | 120 V   | 10 W  | TLS          | GC           | JUNO              | R60SL 30K 90CRI PDIM WFL BL                | INTEGRAL LED                                                               | BLACK CYLINDER TRACK HEAD W/ UNIVERSAL 120V TRAC ADAPTER AND WIDE FLOOD BEAM                                                     |
| T-6     | 4     | TRACK (6 FT)                                               | SURFACE  | 120 V   | 0 W   | TLS          | GC           | JUNO              | T 6FT BL                                   | N/A                                                                        | SINGLE CIRCUIT, BLACK FINISH. FURNISH WITH CONNECTORS TO ACHIEVE ARRANGEMENT SHOWN ON PLANS. TRIM AS REQUIRED FOR LENGTHS SHOWN. |
| T-8     | 1     | TRACK (8 FT)                                               | SURFACE  | 120 V   | 0 W   | TLS          | GC           | JUNO              | T 8FT BL                                   | N/A                                                                        | SINGLE CIRCUIT, BLACK FINISH. FURNISH WITH CONNECTORS TO ACHIEVE ARRANGEMENT SHOWN ON PLANS. TRIM AS REQUIRED FOR LENGTHS SHOWN. |
| TCL-0.5 | 1     | TRACK CURRENT LIMITER (60W)                                | SURFACE  | 120 V   | 0 W   | TLS          | GC           | JUNO              | TCLFM11 BL W/ TCLCB 0.5A BLCK              | N/A                                                                        | BLACK CURRENT LIMITING END FEED WITH CIRCUIT BREAKER                                                                             |
| TCL-2   | 1     | TRACK CURRENT LIMITER (240W)                               | SURFACE  | 120 V   | 0 W   | TLS          | GC           | JUNO              | TCLFM11 BL W/ TCLCB 2A BLCK                | N/A                                                                        | BLACK CURRENT LIMITING END FEED WITH CIRCUIT BREAKER                                                                             |
| W1      | 4     | WIC LED LIGHT                                              | SURFACE  | 120 V   | 29 W  | WCS          | GC           | FURNISHED W/ WIC  | FURNISHED W/ WIC                           | INTEGRAL LED                                                               | WET-RATED COOLER FIXTURE                                                                                                         |
| X6      | 4     | EXTERIOR FLOOD LIGHT                                       | WALL     | 120 V   | 10 W  | EXT'G        | EXT'G        | RAB LIGHTING      | WPLED10Y                                   | INTEGRAL LED                                                               | PROVIDE WITH WALL MOUNT KIT                                                                                                      |
| X9      | 2     | EXTERIOR LED CHANNEL LIGHT                                 | SURFACE  | 120 V   | 45 W  | EXT'G        | EXT'G        | PARADIGM LED      | AMC-2410-S W/ OPAL LENS AND END CAPS       | FLEXSR-45-30-67-24                                                         | FURNISHED W/ REMOTE-MOUNTED NEMA 3R LED DRIVER. SEE PLAN FOR LENGTHS.                                                            |

LIGHTING FIXTURE SCHEDULE NOTES

A. SEE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT LOCATIONS.  
B. SEE THE ARCHITECTURAL LIGHTING DETAILS FOR FIXTURE CONSTRUCTION DETAILS.

ELECTRICAL LIGHTING PLAN NOTES

1. INSTALL WALL-MOUNTED LIGHTING OVERRIDE SWITCH AND CONNECT TO LCP AS SHOWN IN DETAIL 6/E710
2. FOR UNCIRCUITED LIGHT FIXTURES, CONNECT TO RELAY CIRCUIT INDICATED NEXT TO THE FIXTURE TAG THROUGH THE LIGHTING CONTROL PANEL (LCP) UNLESS NOTED OTHERWISE.
3. WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 6" BELOW THE CEILING UNLESS NOTED OTHERWISE
4. VERIFY MOUNTING HEIGHT OF EXIT SIGN PRIOR TO ROUGH-IN. EXIT SIGN MUST BE VISIBLE FROM AREA SERVED AFTER BUILDING SYSTEMS HAVE BEEN INSTALLED. SEE ARCHITECTURAL ELEVATIONS FOR FURTHER INFORMATION.
5. INSTALL LED DRIVERS FURNISHED WITH THE X9 LED STRIP LIGHTS ON WALL 6" ABOVE THE CEILING IN AN ACCESSIBLE LOCATION. PROVIDE LOW VOLTAGE WIRING FROM LED DRIVER TO THE X9 LIGHT FIXTURES AS SHOWN.
6. INSTALL LIGHT FIXTURES FURNISHED WITH THE WALK-IN COOLER. PROVIDE UNSWITCHED CONDUCTOR FROM LIGHTING CIRCUIT TO WALK-IN COOLER LIGHTING J-BOX AND FROM J-BOX TO LIGHT FIXTURES AS SHOWN. CONDUIT BETWEEN LIGHT FIXTURES SHALL BE ROUTED ON THE INTERIOR OF THE WALK-IN COOLER. SEAL INTERIOR AND EXTERIOR OF CONDUITS WHERE THEY PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.
7. PROVIDE UNISTRUT AS SHOWN ON THE ARCHITECTURAL RCP PER THE ARCHITECTURAL UNISTRUT DETAIL. TYPICAL.
8. CONNECT EXTERIOR LIGHTING CIRCUIT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL PER DETAIL 6/E710.
9. INSTALL WALL-MOUNTED OCCUPANCY SENSOR FURNISHED BY LIGHTING SUPPLIER AT 42" AFF. ADJUST OCCUPANCY SENSOR TO PROVIDE AUTOMATIC ON/AUTOMATIC OFF OPERATION WITH A FIXED TIMER OF 30 MINUTES AND WITH BOTH THE PASSIVE INFRARED AND ULTRASONIC SENSORS ENABLED.
10. INSTALL WALL-MOUNTED DIMMERS ABOVE PANELBOARDS 6" ABOVE LAY-IN CEILING FOR CONTROL OF DINING ROOM OVERHEAD STRIP LED AND PENDANT LIGHTS. CONNECT DIMMERS TO RELAYS SHOWN THROUGH THE LIGHTING CONTROL PANEL. SET DIMMERS AT 50%.
11. CONNECT DINING ROOM (RELAY CIRCUITS R4 AND R5) OVERHEAD STRIP LED LIGHTS TO THE RELAY INDICATED THROUGH THE CORRESPONDING WALL-MOUNTED DIMMER INSTALLED ABOVE THE PANELBOARDS.
12. INSTALL LIGHTING CONTROL SYSTEM PER DETAIL 6/E710.
13. PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
14. INSTALL CHIME/STROBE FURNISHED WITH VEHICLE DETECTION SYSTEM ON WALL 12" BELOW CEILING AND CONNECT TO VEHICLE DETECTOR SYSTEM PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
15. INSTALL E2 REMOTE EMERGENCY LIGHT TO BOTTOM OF CANOPY. CONCEAL LOW VOLTAGE WIRING FROM EXIT SIGN TO REMOTE EMERGENCY LIGHT.



1 E100 LIGHTING FLOOR PLAN  
1/4" = 1'-0"

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ELECTRICAL LIGHTING  
PLAN

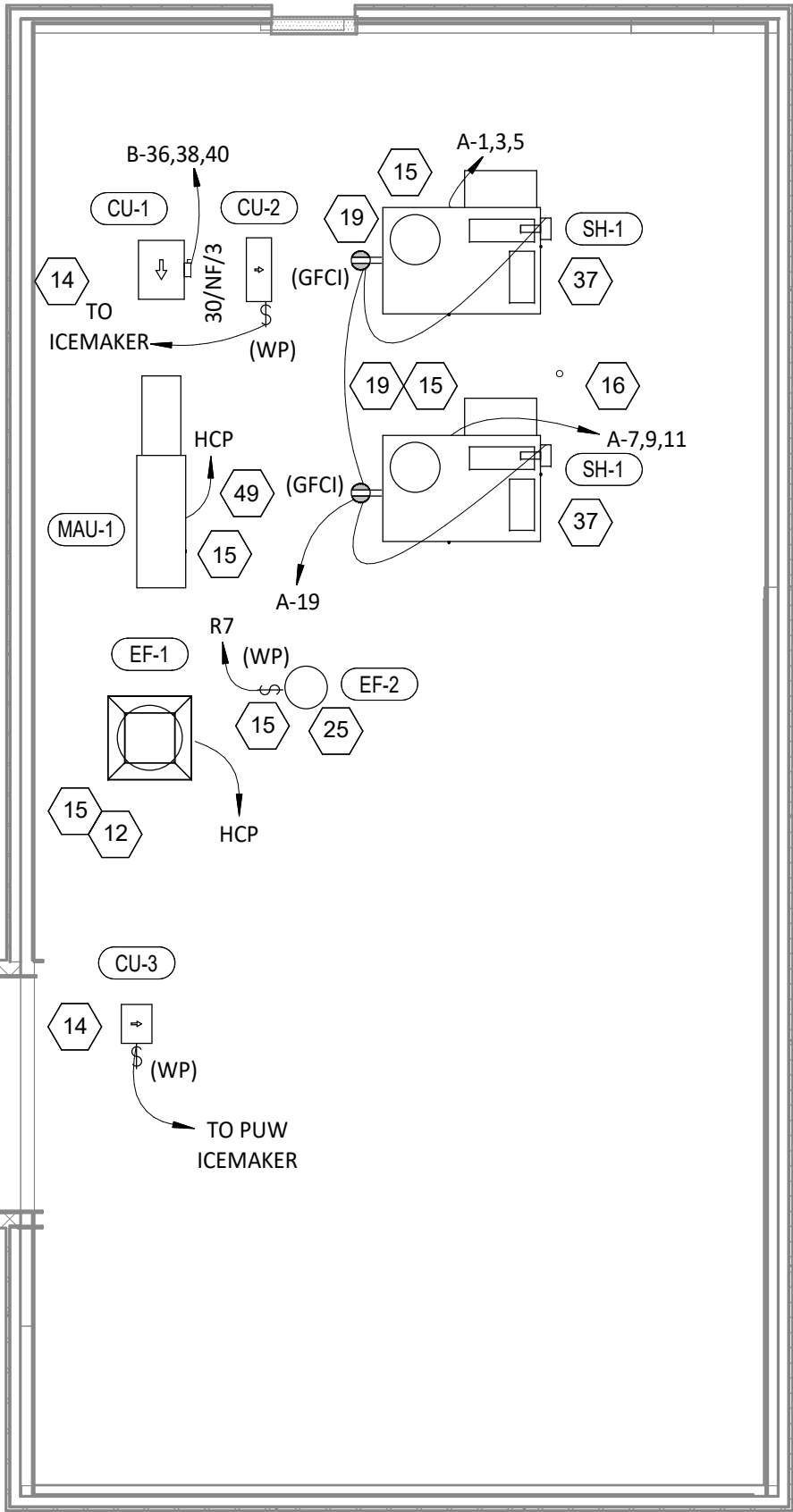
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ELECTRICAL POWER PLAN NOTES

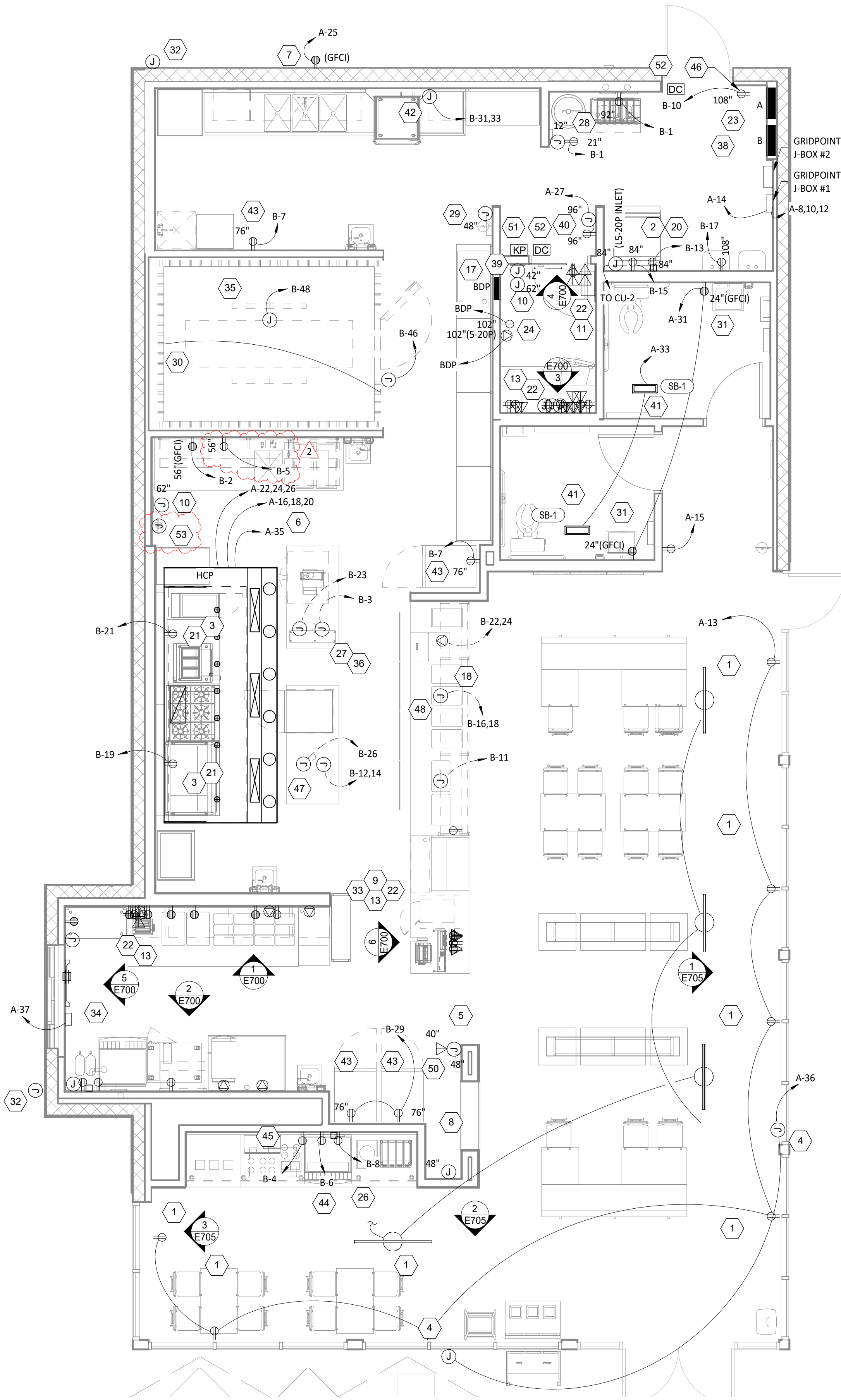
- 1 SHOW ROOM WINDOW RECEPTACLE. COORDINATE EXACT RECEPTACLE MOUNTING HEIGHT IN THE FIELD. LOCATION SHALL BE IN THE DRYWALL IMMEDIATELY ABOVE THE MAIN STORE-FRONT WINDOW AND AS SHOWN IN THE DINING ROOM ELECTRICAL ELEVATIONS ON SHEET E700.
- 2 ICE MACHINE ELECTRICAL TIE-IN. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN. PROVIDE L5-20P FLANGED INLET WIRED TO THE REMOTE CONDENSER. PROVIDE 48" CORDS, ONE WITH 5-20P END AND ONE WITH L5-20R END, FROM ICE MAKER TO RECEPTACLE AND FLANGED INLET.
- 3 CONNECT RECEPTACLES SERVING EQUIPMENT BELOW THE KITCHEN HOOD TO THE CIRCUITS SHOWN THROUGH THE CONTACTOR INTEGRAL TO THE HOOD CONTROL PANEL. INTEGRAL CONTACTOR SHALL BE INTERLOCKED TO HOOD FIRE PROTECTION SYSTEM SO THAT RECEPTACLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.
- 4 JUNCTION BOX FOR EXTERIOR SIGN LIGHTING. COORDINATE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER AND THE SIGN INSTALLER PRIOR TO ROUGH-IN. CONNECT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710.
- 5 PROVIDE A SINGLE GANG VERTICAL JUNCTION BOX FOR THE KITCHEN EXHAUST SUPPRESSION SYSTEM PULL STATION. PROVIDE A 1/2" CONDUIT FROM THE J-BOX TO 6" ABOVE THE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE KITCHEN EXHAUST SUPPRESSION SYSTEM INSTALLER AND THE FIRE MARSHALL PRIOR TO ROUGH-IN.
- 6 HOOD CONTROL PANEL AND KITCHEN EXHAUST SUPPRESSION SYSTEM CABINET SHALL BE LOCATED WITHIN THE INTEGRAL HOOD UTILITY CABINET. PROVIDE FINAL ELECTRICAL CONNECTIONS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 7 PROVIDE A DUPLEX GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE OUTLET COVER FOR IRRIGATION CONTROLLER.
- 8 PROVIDE AN EMPTY SINGLE GANG J-BOX FOR VOLUME CONTROLS. INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS FROM THE J-BOX TO THE AMPIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END.
- 9 COORDINATE DATA/POWER RECEPTACLE MOUNTING REQUIREMENTS WITH THE CASE WORK INSTALLER PRIOR TO ROUGH-IN.
- 10 PROVIDE ROUGH-IN FOR LAUNCHPORT AS NOTED. LAUNCHPORT WILL BE FURNISHED AND INSTALLED BY CHIPOTLE WITH THE WALLSTATION AT 62" AFF. PROVIDE A 4" X 2-1/8" DEEP OCTAGON J-BOX WITH 1-1/2" EXTENSION RING AT 62" AFF FOR THE WALLSTATION INSTALLATION WITH A 1" CONDUIT WITH PULL STRING FROM THE J-BOX TO ABOVE THE OFFICE CEILING.
- 11 PROVIDE (2) EMPTY 2" CONDUITS WITH PULL STRINGS FROM THE BASE BUILDING'S TELEPHONE AND DATA SERVICE ENTRANCE LOCATIONS TO THE SPACE ABOVE THE OFFICE CEILING. TERMINATE WITH CONDUIT BUSHING.
- 12 PROVIDE A SUITABLE LENGTH OF LIQUID-TIGHT CONDUIT TO THE EXHAUST FAN EF-1 TO ALLOW THE EXHAUST FAN TO HINGE COMPLETELY OPEN WHEN THE VIROGUARD SYSTEM IS INSTALLED.
- 13 AFTER THE FAX LINE, POS, AND OFFICE EQUIPMENT IS PROVIDED CHILDPROOF RECEPTACLE COVERS ON UNUSED IG RECEPTACLES AT THE FAX LINE, POS, AND OFFICE.
- 14 PROVIDE ONE PHASE, ONE NEUTRAL, AND ONE GROUND CONDUCTOR FROM THE ICE MAKER TO THE REMOTE CONDENSING UNIT.
- 15 UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.
- 16 PROVIDE 3" CONDUIT (EMT, IMC, OR RMC) THROUGH ROOF. TERMINATE WITH WEATHERHEAD EVEN WITH TOP OF PARAPET FOR FUTURE CELL BOOSTER. SECURE CONDUIT TO STRUCTURE TO SUPPORT FUTURE ANTENNA INSTALLATION. PROVIDE 1/4" X 2" X 10" 16-HOLE GROUNDING BUSBAR (BURNDY BBB14210A OR EQUAL) MOUNTED TO CONDUIT ABOVE ROOF FOR FUTURE CONNECTION OF LIGHTNING ARRESTORS. PROVIDE #2 CU GROUND FROM BUSBAR TO MAIN ELECTRODE GROUNDING CONDUCTOR.
- 17 INSTALL THE BYPASS DISTRIBUTION PANEL (BDP) FURNISHED BY THE TENANT. INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DETAIL 3/E710.
- 18 ROUGH-INS TO SERVE LINE AND POS EQUIPMENT ARE UNDERGROUND. COORDINATE ROUGH-IN REQUIREMENTS AND LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- 19 ROOFTOP UNIT SHALL HAVE AN INTEGRAL UNIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONNECTION TO CIRCUIT SHOWN.
- 20 ICE MAKER RECEPTACLES SHALL BE CONCEALED BEHIND THE ICE MAKER. COORDINATE LOCATION WITH ACTUAL WIDTH OF ICE MAKER.
- 21 PROVIDE VERTICAL METAL DIE CAST WEATHERPROOF WHILE IN USE OUTLET COVER ON RECEPTACLES AT COOK LINE. COVER SHALL BE INTERMATIC WP1010MXD FOR SINGLE GANG BOXES AND WP1030MXD FOR DOUBLE GANG BOXES. NO SUBSTITUTIONS SHALL BE ACCEPTED.
- 22 LABEL BATTERY-PROTECTED RECEPTACLES "BATTERY-PROTECTED: DISCONNECT AT PANEL BDP".
- 23 LABEL MAIN DISCONNECT SWITCH AND PANEL A "WARNING: BATTERY-PROTECTED RECEPTACLES IN USE. DISCONNECT AT PANEL BDP."
- 24 PROVIDE A NEMA 5-20P FLANGED INLET (LEVITON MODEL #15378-C) AND A SINGLE NEMA 5-20R RECEPTACLE IN OFFICE FOR CONNECTION TO A CENTRAL UPS SYSTEM. CONNECT THE FLANGED INLET AND THE SINGLE RECEPTACLE TO THE TERMINAL BLOCK IN THE BDP PER THE MANUFACTURER'S INSTRUCTIONS. PROVIDE FINAL CONNECTION FROM FLANGED INLET TO THE OUTPUT OF THE UPS USING A 2'-LONG 20A EXTENSION CORD. PLUG THE UPS INTO THE SINGLE RECEPTACLE.
- 25 CONNECT RESTROOM EXHAUST FAN TO CIRCUIT SHOWN THROUGH THE LIGHTING CONTROL PANEL (LCP).
- 26 INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS. INSTALL SPEAKER WIRE BETWEEN SPEAKERS IN THE DINING ROOM AS SHOWN TO THE VOLUME CONTROL IN THE KITCHEN WITH 3 FEET OF SLACK AT EACH END. SEE ARCHITECTURAL PLANS FOR SPEAKER LOCATIONS. ADJUST EACH SPEAKER 70V TAP SETTING TO BE 15 WATTS.
- 27 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLES IN TWO J-BOXES INTEGRAL TO PREP TABLE FOR HOT HOLDING CABINET AND GENERAL RECEPTACLE.
- 28 PROVIDE GFCI RECEPTACLE AND J-BOX AND INSTALL CO2 ALARM FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.

ELECTRICAL POWER PLAN NOTES

- 29 PROVIDE J-BOX AND INSTALL CO2 ALARM REMOTE DISPLAY UNIT FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.
- 30 INSTALL WALK-IN-COOLER EXTERNAL READOUT THERMOMETER REMOTE PROBE ON WALL OPPOSITE FROM DOOR AS SHOWN. ROUTE TEMPERATURE PROBE WIRE ABOVE WALK-IN COOLER CEILING PANELS, SEAL PENETRATIONS THROUGH THE CEILING PANELS, AND SECURE VERTICAL PROBE WIRE TIGHT TO WALLS. NO EXCESS PROBE WIRE SHALL BE WITHIN THE WALK-IN COOLER.
- 31 PROVIDE RECEPTACLE FOR RESTROOM HAND SINK FAUCET AS SHOWN IN DETAIL 14/P700.
- 32 PROVIDE 4" SQUARE J-BOX ON EXTERIOR WALL FOR MOUNTING OF EXTERIOR CAMERA. SEE ARCHITECTURAL ELEVATION FOR EXACT HEIGHT AND LOCATION. PROVIDE 3/4" CONDUIT WITH PULLSTRING FROM J-BOX TO ABOVE LAY-IN CEILING AREA IN KITCHEN. J-BOX SHALL NOT BE SURFACE MOUNTED. BASE OF CAMERA SHALL BE MOUNTED FLUSH TO EXTERIOR WALL FINISH.
- 33 PROVIDE 1" CONDUITS FROM LOW-VOLTAGE J-BOXES AT POS COUNTER CONCEALED WITHIN THE SERVE LINE WIRING CHASE TO THE WALL, THEN CONCEALED WITHIN THE WALL AND ABOVE THE CEILING TO ABOVE THE OFFICE CEILING.
- 34 INSTALL VEHICLE DETECTOR SYSTEM FURNISHED BY TLS SURFACE-MOUNTED ON WALL IN ACCESSIBLE LOCATION ABOVE CEILING AND CONNECT TO STROBE/CHIME AND DETECTOR LOOP PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAKE FINAL ADJUSTMENTS TO LOOP SENSITIVITY PER THE MANUFACTURER'S INSTRUCTIONS. ONCE ALL COMPONENTS ARE INSTALLED AND OPERATIONAL THE CHIME/STROBE LIGHT SHOULD STAY ILLUMINATED AND THERE SHOULD BE A SINGLE CHIME WHEN A VEHICLE DRIVES OVER OR STOPS ON LOOP.
- 35 SEAL INTERIOR AND EXTERIOR OF CONDUITS THAT PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.
- 36 PROVIDE ISLAND PREP TABLE FOOD WARMER RECEPTACLE WITH GROUND PIN TOWARDS THE BOTTOM OF THE RECEPTACLE.
- 37 INSTALL TRANSFORMER FURNISHED BY TUV WITH THE REME HALO AIR PURIFIER IN THE JUNCTION BOX ON THE EXTERIOR OF THE RTU PER DETAIL 6/M700. CONNECT LINE SIDE OF THE TRANSFORMER TO THE RTU SERVICE RECEPTACLE CIRCUIT SO THAT REME HALO RUNS CONTINUOUSLY. CONNECT THE LOW VOLTAGE SIDE OF THE TRANSFORMER TO THE REME HALO USING THE INCLUDED BARREL PLUG.
- 38 PROVIDE (2) 10"x10"x4" JUNCTION BOXES (J-BOX #1/J-BOX #2) ON THE WALL ABOVE PANELBOARDS 6" BELOW THE LAY-IN CEILING AND MOUNTED ADJACENT TO EACH. PROVIDE CONDUITS AND WIRING SHOWN IN DETAIL 8/E710. TEMS SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT IOM/HUB WITHIN J-BOX #2. SEE GRIDPOINT INSTALLATION SHEET FOR DETAILS.
- 39 PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION. PROVIDE CONDUITS AND WIRING AS SHOWN IN DETAIL 8/E710.
- 40 INSTALL WIRED DOOR BUZZER AT 96" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION. CONNECT TO CIRCUIT SHOWN THROUGH THE TRANSFORMER FURNISHED WITH THE DOOR BUZZER. PROVIDE WIRING TO A BUTTON ADJACENT TO THE SERVICE DOOR AND CONNECT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 41 CONNECT BATHROOM SANITIZER TO CIRCUIT SHOWN SO THAT IT IS ENERGIZED AT ALL TIMES.
- 42 PROVIDE POWER AND LOW VOLTAGE CONNECTIONS TO DISH SANITIZING MACHINE PER DETAIL 7/E710. CONNECT THE DETERGENT DISPENSER TO THE DISH MACHINE USING THE INCLUDED WIRING HARNESS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 43 PROVIDE RECEPTACLE FOR 2-DOOR AND 1-DOOR REFRIGERATORS WITH GROUND PINS TOWARDS THE BOTTOM OF THE RECEPTACLE.
- 44 PROVIDE CORD AND NEMA 5-20P PLUG FROM UTENSIL COUNTER ICE MAKER, THROUGH UTENSIL COUNTER, TO ICE MAKER RECEPTACLE.
- 45 LABEL UTENSIL COUNTER RECEPTACLES "TRACTOR BEVERAGE", "ICE MAKER/IMSB", AND "SODA FOUNTAIN".
- 46 LABEL RECEPTACLE "UV INSECT TRAP".
- 47 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLE IN THE J-BOX INTEGRAL TO PREP TABLE FOR UNDERCOUNTER REFRIGERATOR. PROVIDE FINAL CONNECTION TO CARVING STATION HEATER. IF NEUTRAL CONDUCTOR IS NOT NEEDED FOR SERVE LINE HOT FOOD SERVER TERMINATE NEUTRAL IN JUNCTION BOX.
- 48 PROVIDE A TWO-CONDUCTOR LOW VOLTAGE WIRE IN 3/4" C. AND (4) #12, #12 N., #12 G. IN 1" C. FROM MAU-1 TO THE HOOD CONTROL PANEL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 50 PROVIDE HORIZONTAL SINGLE-GANG J-BOX FOR DATA JACK AS SHOWN FOR KRONOS TIME CLOCK.
- 51 PROVIDE A RECESSED J-BOX AT 56" AFF FOR THE INSTALLATION OF THE SECURITY SYSTEM KEYPAD WITH A 1/2" CONDUIT TO ABOVE THE LAY-IN CEILING. TERMINATE CONDUIT WITH A CONDUIT BUSHING.
- 52 PROVIDE A RECESSED SINGLE-GANG J-BOX ABOVE DOOR AND 3" IN FROM LATCH SIDE OF DOOR FOR THE INSTALLATION OF THE SECURITY SYSTEM DOOR CONTACT WITH A 1/2" CONDUIT TO ABOVE THE LAY-IN CEILING. TERMINATE CONDUIT WITH A CONDUIT BUSHING
- 53 PROVIDE A J-BOX 6" BELOW THE LAY-IN CEILING WITH A 1/2" CONDUIT ROUTED BACK TO THE HCP. PROVIDE 16 GA 3 CONDUCTOR LOW VOLTAGE WIRE FROM THE HOOD SUPPRESSION SYSTEM GAS VALVE BACK TO THE HCP WITH THE FINAL CONNECTION IN THE HCP BY THE FS INSTALLER. LOW VOLTAGE WIRING FROM THE J-BOX TO THE GAS VALVE SHALL BE CONCEALED WITHIN FLEXIBLE METAL CONDUIT OR LIQUIDTIGHT FLEXIBLE METAL CONDUIT. COORDINATE J-BOX LOCATION WITH GAS VALVE SO THAT CONDUIT IS 12" OR LESS.



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



POWER FLOOR PLAN  
1/4" = 1'-0"

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Contents:

ELECTRICAL POWER  
PLAN

E110

ELECTRICAL POWER PLAN NOTES

1. INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP TO BE CENTERED ON THE PICK-UP WINDOW.
2. CONNECT ANNOUNCE SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
3. PROVIDE EMPTY CONDUIT WITH PULL STRING TO CLEARANCE BAR. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
4. CONNECT MONUMENT SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
5. PROVIDE 1" SPARE LOW VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
6. PROVIDE 1" SPARE LINE VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
7. PROVIDE INTERIOR J-BOXES AT 11'-0" AFF FOR LINE VOLTAGE AND LOW VOLTAGE SITE WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.

TAG DESCRIPTION

- | TAG | DESCRIPTION                                                                                                                                                                                         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | VEHICLE DETECTOR LOOP - 6"x4" WITH 4 TURNS (EMX PR-46-XX). VERIFY LENGTH OF LEAD-IN WIRE PRIOR TO ORDERING TO ALLOW WIRE TO REACH VEHICLE DETECTOR WITHOUT SPLICING. SEE SITE PLAN FOR LOCATION(S). |
| 2   | 1" CONDUIT FROM VEHICLE DETECTOR LOOP LOCATION TO LOW VOLTAGE J-BOX.                                                                                                                                |
| 3   | 1" CONDUIT FROM ANNOUNCE SIGN LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.                                                                                                           |
| 4   | 1" CONDUIT FROM CLEARANCE BAR LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.                                                                                                           |
| 5   | 1" CONDUIT FROM SITE DIRECTIONAL SIGNAGE AND/OR MONUMENT SIGN LOCATION(S) TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATIONS AND NUMBER OF ROUGH-IN LOCATIONS.                                      |
| 6   | 1" CONDUIT FROM SITE LIGHTING FIXTURE(S) TO LINE VOLTAGE J-BOX. SITE LIGHTING FIXTURES CAN BE DAISY-CHAINED.                                                                                        |
| 7   | LINE VOLTAGE J-BOX - MINIMUM 6"x6"x4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.                                                                                 |
| 8   | LOW VOLTAGE J-BOX - MINIMUM 6"x6"x4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.                                                                                  |
| 9   | 1" SPARE CONDUIT FROM LOW VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.                                                                                                           |
| 10  | 1" SPARE CONDUIT FROM LINE VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.                                                                                                          |

RESPONSIBILITY  
DEVICE OR CONDUIT CONNECTION OR CONDUCTORS

- |       |     |
|-------|-----|
| EXT'G | GC  |
| EXT'G | GC  |
| EXT'G | GC  |
| EXT'G | N/A |
| EXT'G | GC  |
| EXT'G | GC  |
| EXT'G | GC  |
| EXT'G | GC  |
| EXT'G | GC  |
| EXT'G | GC  |

GENERAL NOTES

- WORK AND MATERIALS SHALL BE COMPLIANT WITH THE NEC AND REQUIREMENTS OF THE AHJ.
- CONDUCTORS AND CONNECTIONS BELOW GRADE, EVEN WHERE WITHIN CONDUITS OR ENCLOSURES, SHALL BE SUITABLE FOR WET LOCATIONS.
- PROVIDE PULL STRING IN EMPTY CONDUITS.
- SEAL ENDS OF CONDUITS STUBBED UP ABOVE GRADE TO PROTECT FROM THE ELEMENTS.

SITE CONDUIT DETAIL

NOT TO SCALE

POWER SITE PLAN

1/16" = 1'-0"

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FOR  
CONSTRUCTION

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PALM BAY, FL 32907

Issue Record:

|            |                  |
|------------|------------------|
| 09.09.2024 | PERMIT SET       |
| 10.23.2024 | BID SET          |
| 01.24.2025 | CONSTRUCTION SET |

Revisions:

|        |          |
|--------|----------|
| Drawn: | Checked: |
| AJJ    | AJJ      |

Project No.  
2401013

Contents:  
ELECTRICAL SITE  
POWER PLAN

E115

|     |                                |
|-----|--------------------------------|
| AFF | ABOVE FINISHED FLOOR           |
| AFG | ABOVE FINISHED GRADE           |
| C   | CONDUIT                        |
| G   | GROUND                         |
| GFI | GROUND FAULT CIRCUIT INTERRUPT |
| IG  | ISOLATED GROUND                |
| JB  | JUNCTION BOX                   |
| NL  | NIGHT LIGHT                    |
| S   | SURFACE MOUNTED                |
| WP  | WEATHERPROOF                   |

|                                                                                     |                                                                                                  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|  | CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY                                  |
|  | CONDUIT CONCEALED BELOW THE SLAB                                                                 |
|  | HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN                                                  |
|  | PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING                              |
|  | DISCONNECT SWITCH:<br>X = SWITCH RATING<br>Y = FUSE SIZE (NF = NON-FUSED)<br>Z = NUMBER OF POLES |
|  | JUNCTION BOX                                                                                     |
|  | ELECTRIC PANELBOARD                                                                              |
|  | GENERAL PURPOSE 1-POLE SWITCH                                                                    |
|  | MANUAL STARTER WITH PILOT LIGHT                                                                  |
|  | OCCUPANCY SENSOR ACTIVATED WALL SWITCH<br>(MANUFACTURER: WATTSTOPPER)                            |
|  | NEMA 5-20R DUPLEX RECEPTACLE                                                                     |
|  | SECURITY CAMERA                                                                                  |



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## SECURITY CAMERA PLAN

# E120

|                           |                   |                       |
|---------------------------|-------------------|-----------------------|
| <b>Panel Name:</b> BDP    | <b>Volts:</b> 120 |                       |
|                           | <b>Phases:</b> 1  | <b>Mains:</b> LUGS    |
| <b>Mounting:</b> Recessed | <b>Wires:</b> 2   | <b>Amperage:</b> 20 A |
| <b>Enclosure:</b> Type 1  |                   |                       |

VOLTS: 208/120V Wye

PHASES: 3

WIRES: 4

MOUNTING: Recessed

ENCLOSURE: Type 1

PANEL: A

MAINS: MCB

AMPERAGE: 400 A

MCB RATING: 400 A

| CKT #               | DESCRIPTION                                                       | C/B [A] | # PLS | NOTES | LOAD [A] | LOAD TYPE | LOAD [kVA] A | LOAD [kVA] B | LOAD [kVA] C | LOAD TYPE | LOAD [A] | NOTES | # PLS | C/B [A] | DESCRIPTION                                           | CKT #                                                     |    |
|---------------------|-------------------------------------------------------------------|---------|-------|-------|----------|-----------|--------------|--------------|--------------|-----------|----------|-------|-------|---------|-------------------------------------------------------|-----------------------------------------------------------|----|
| 1                   | AIR CONDITIONER - KITCHEN (RTU-1)<br>(3-#6, #10 G. in 3/4" C.)    | 50      | 3     | HACR  | 52.0     | C         | 6.2          | 0.0          |              | -         | 0.0      |       | 3     | 60      | TVSS<br>(4-#6, #10 G. in 1" C.)                       | 2                                                         |    |
| 3                   |                                                                   |         |       |       |          |           |              | 6.2          | 0.0          |           |          |       |       |         |                                                       | 4                                                         |    |
| 5                   |                                                                   |         |       |       |          |           |              |              | 6.2          |           |          |       |       |         |                                                       | 0.0                                                       | 6  |
| 7                   | AIR CONDITIONER - DINING ROOM (RTU-2)<br>(3-#6, #10 G. in 1" C.)  | 60      | 3     | HACR  | 52.0     | C         | 6.2          | 0.0          |              | G         | 0.0      |       | 3     | 20      | GRIDPOINT 3 PHASE METER<br>(4-#12, #12 G. in 3/4" C.) | 10                                                        |    |
| 9                   |                                                                   |         |       |       |          |           |              | 6.2          | 0.0          |           |          |       |       |         |                                                       | 11                                                        |    |
| 11                  |                                                                   |         |       |       |          |           |              |              | 6.2          |           |          |       |       |         |                                                       | 0.0                                                       | 12 |
| 13                  | RECEPTACLES - STOREFRONT<br>Receptáculos - Frente del restaurante | 20      | 1     |       | 10.5     | G         | 1.3          | 0.2          |              | G         | 1.5      |       | 1     | 20      | GRIDPOINT TRANSFORMER                                 | 14                                                        |    |
| 15                  | RECEPTACLES - DINING<br>Receptáculos - Comedor                    | 20      | 1     |       | 1.5      | G         |              | 0.2          | 1.0          |           |          |       |       |         |                                                       | 16                                                        |    |
| 17                  | PANEL BDP                                                         | 20      | 1     |       | 18.0     | G         |              |              | 2.2          | 1.0       | E        | 8.3   | 3     | 20      | HOOD EXHAUST FAN (EF-1)<br>(3-#12, #12 G. in 3/4" C.) | 18                                                        |    |
| 19                  | RECEPTACLES - ROOFTOP<br>Receptáculos - Techo                     | 20      | 1     |       | 3.3      | G/E       | 0.4          | 1.0          |              |           |          |       |       |         |                                                       | 20                                                        |    |
| 21                  | RECEPTACLES - POS GENERAL<br>Receptáculos - Cajero general        | 20      | 1     |       | 6.0      | G         |              | 0.7          | 0.4          |           |          |       |       |         |                                                       | 22                                                        |    |
| 23                  | SECURITY/AUDIO<br>Seguridad y audio                               | 20      | 1     |       | 3.0      | G         |              |              |              | 0.4       | 0.4      | E     | 3.1   | 3       | 15                                                    | HOOD MAKEUP AIR FAN (MAU-1)<br>(3-#12, #12 G. in 3/4" C.) | 24 |
| 25                  | IRRIGATION CONTROLLER                                             | 20      | 1     |       | 0.3      | F         | 0.0          | 0.4          |              |           |          |       |       |         |                                                       | 26                                                        |    |
| 27                  | RECEPTACLES - OFFICE<br>Receptáculos - Oficina                    | 20      | 1     | GFCI  | 9.0      | G         |              | 1.1          | 0.5          |           | E        | 4.4   | 1     | 15      | RESTROOM FAN (EF-2)                                   | 28                                                        |    |
| 29                  | RECEPTACLES - DMJ<br>Receptáculos - Fax                           | 20      | 1     | GFCI  | 6.0      | G         |              |              |              | 0.7       | 0.6      | A     | 4.9   | 1       | 20                                                    | LIGHTING - DINING ROOM<br>Iluminación - Comedor           | 30 |
| 31                  | RECEPTACLES - RESTROOMS<br>Receptáculos - Baños                   | 20      | 1     |       | 3.0      | G         | 0.4          | 1.1          |              |           | A        | 8.8   | 1     | 20      | LIGHTING - KITCHEN<br>Iluminación - Cocina            | 32                                                        |    |
| 33                  | BATHROOM SANITIZER<br>Sanitizante de baño                         | 20      | 1     |       | 0.2      | E         |              | 0.0          | 0.0          |           | --       | --    | 1     | 20      | SPARE                                                 | 34                                                        |    |
| 35                  | HD-1 (CONTROL AND LIGHTS)<br>control y luces                      | 15      | 1     |       | 1.5      | E         |              |              |              | 0.2       | 0.4      | B     | 3.0   | 1       | 20                                                    | SIGN LIGHTING<br>Iluminación para letreros                | 36 |
| 37                  | VEHICLE DETECTOR                                                  | 20      | 1     |       | 0.3      | G         | 0.0          | 0.1          |              |           | B        | 0.9   | 1     | 20      | LIGHTING - EXTERIOR<br>Iluminación - Exterior         | 38                                                        |    |
| 39                  | SPARE                                                             | 20      | 1     | --    | --       |           |              | 0.0          | 0.7          |           | B        | 5.8   | 1     | 20      | SITE SIGNAGE                                          | 40                                                        |    |
| 41                  | SPARE                                                             | 20      | 1     | --    | --       |           |              |              | 0.0          | 0.0       | A/B      | 0.0   | 1     | 20      | LIGHTING CONTROL PANEL                                | 42                                                        |    |
| 43                  | SPARE                                                             | 20      | 1     | --    | --       |           | 0.0          | 0.2          |              | G         | 1.5      |       | 1     | 20      | PICK-UP WINDOW                                        | 44                                                        |    |
| 45                  | SPARE                                                             | 20      | 1     | --    | --       |           |              | 0.0          | 0.0          |           | --       | --    | 1     | 20      | SPARE                                                 | 46                                                        |    |
| 47                  | SPARE                                                             | 20      | 1     | --    | --       |           |              |              | 0.0          | 0.0       | --       | --    | 1     | 20      | SPARE                                                 | 48                                                        |    |
| 49                  | SPARE                                                             | 20      | 1     | --    | --       |           | 0.0          | 0.0          |              |           | --       | --    | 1     | 20      | SPARE                                                 | 50                                                        |    |
| 51                  | SPARE                                                             | 20      | 1     | --    | --       |           |              | 0.0          | 0.0          |           | --       | --    | 1     | 20      | SPARE                                                 | 52                                                        |    |
| 53                  | SPARE                                                             | 20      | 1     | --    | --       |           |              |              | 0.0          | 0.0       | --       | --    | 1     | 20      | SPARE                                                 | 54                                                        |    |
|                     | FEED THRU (PANEL B)<br>(4-500 KCMIL, #1/0 G. in 4" C.)            | 0       | 3     | LUGS  | 160.4    | Spare: F  | 19.9         | --           |              |           | --       | --    | 1     | --      |                                                       |                                                           |    |
|                     |                                                                   |         |       |       |          |           |              | 17.7         | --           |           | --       | --    | --    | 1       | --                                                    |                                                           |    |
|                     |                                                                   |         |       |       |          |           |              |              |              | 20.2      | --       | --    | --    | 1       | --                                                    |                                                           |    |
| PHASE TOTAL [kVA]:  |                                                                   |         |       |       |          |           | 37.3 kVA     | 34.8 kVA     | 38.4 kVA     |           |          |       |       |         |                                                       |                                                           |    |
| PHASE TOTAL [AMPS]: |                                                                   |         |       |       |          |           | 314 A        | 290 A        | 324 A        |           |          |       |       |         |                                                       |                                                           |    |

TYPE

DESCRIPTION

CONNECTED LOAD

DEMAND FACTOR

ESTIMATED DEMAND

PANEL TOTALS

A

INTERIOR LIGHTING

2 kVA

125.00%

2 kVA

TOTAL CONNECTED kVA: 111 kVA  
TOTAL CONNECTED AMPS: 307 A  
TOTAL ESTIMATED kVA: 91.0 kVA  
TOTAL ESTIMATED AMPS: 253 A

B

EXTERIOR LIGHTING

1 kVA

125.00%

1 kVA

C

COMFORT COOLING

37 kVA

100.00%

+ 25% LARGEST MOTOR

37 kVA

D

COMFORT HEATING

0 kVA

0.00%

0 kVA

E

MISC. MOTOR

5 kVA

100.00%

5 kVA

F

KITCHEN EQUIPMENT

58 kVA

65.00%

38 kVA

G

RECEPTACLES

8 kVA

100.00%

8 kVA

VOLTS: 208/120V Wye

PHASES: 3

WIRING: 4

MOUNTING: Recessed

ENCLOSURE: Type 1

PANEL: B

MAINS: LUGS

AMPERAGE: 400 A

MCB RATING: 0 A

| CKT #               | DESCRIPTION                                                              | C/B [A] | # PLS | NOTES | LOAD [A] | LOAD TYPE | LOAD [kVA] A | LOAD [kVA] B | LOAD [kVA] C | LOAD TYPE | LOAD [A] | NOTES | # PLS | C/B [A] | DESCRIPTION                                                                                | CKT #                                                                                                           |    |
|---------------------|--------------------------------------------------------------------------|---------|-------|-------|----------|-----------|--------------|--------------|--------------|-----------|----------|-------|-------|---------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----|
| 1                   | CARBONATOR/CO2 ALARM<br>Sistema de carbonatación y alarma de CO2         | 20      | 1     | GFCI  | 10.8     | F         | 1.3          | 1.4          |              | F         | 11.3     |       | 1     | 20      | FOOD PREP TABLE<br>Mesa para la preparación de alimentos                                   | 2                                                                                                               |    |
| 3                   | FOOD PREP TABLE (ISLAND)<br>Mesa para la preparación de alimentos (isla) | 20      | 1     |       | 11.3     | F         |              | 1.4          | 1.1          | F         | 9.3      | GFCI  | 1     | 20      | SODA SYSTEM DISPENSER<br>Dispensador para el sistema de refrescos                          | 4                                                                                                               |    |
| 5                   | FOOD PREP TABLE (AVT)                                                    | 20      | 1     | GFCI  | 1.5      | F         |              |              | 0.2          | F         | 12.0     | GFCI  | 1     | 20      | ICE MAKER - UTENSIL COUNTER<br>Máquina para hacer hielo                                    | 6                                                                                                               |    |
| 7                   | REACH-IN REFRIGERATOR<br>Cuanto frigorífico                              | 20      | 1     | GFCI  | 10.0     | F         | 1.2          | 1.0          |              | F         | 8.5      | GFCI  | 1     | 20      | BUBBLER                                                                                    | 8                                                                                                               |    |
| 9                   | READY-TO-DRINK REFRIGERATOR                                              | 20      | 1     | GFCI  | 8.8      | F         |              |              | 1.1          | F         | 1.5      | GFCI  | 1     | 20      | UV INSECT LIGHT TRAP                                                                       | 10                                                                                                              |    |
| 11                  | COLD TOP (SERVE LINE)<br>Tabla fría (línea de servicio)                  | 20      | 1     |       | 12.0     | F         |              |              | 1.4          | 1.0       | F        | 10.0  |       | 2       | 20                                                                                         | CARVING STATION<br>Estación para cortar carnes                                                                  | 12 |
| 13                  | ICE MAKER SANITIZER<br>Desinfectante de la máquina para hacer hielo      | 20      | 1     | GFCI  | 1.5      | F         | 0.2          | 1.0          |              | F         |          |       |       |         | 20                                                                                         |                                                                                                                 | 14 |
| 15                  | ICE MAKER<br>Máquina para hacer hielo                                    | 20      | 1     | GFCI  | 16.0     | F         |              | 1.9          | 2.1          | F         | 20.0     |       | 2     | 30      | HOT FOOD SERVER (SERVE LINE)<br>(2-#10, #10 N, #10 G, IN 3/4" C.)<br>Servidor de alimentos | 16                                                                                                              |    |
| 17                  | GAS WATER HEATER<br>Calentador de agua a gas                             | 20      | 1     | GFCI  | 5.0      | F         |              |              | 0.6          | 2.1       | F        |       |       |         | 20                                                                                         |                                                                                                                 | 18 |
| 19                  | GAS GRIDDLE<br>Plancha de gas                                            | 20      | 1     | GFCI  | 0.6      | F         | 0.1          | 0.0          |              | --        | --       |       | 1     | 20      | SPARE                                                                                      | 20                                                                                                              |    |
| 21                  | GAS FRYER/RICE COOKER<br>Freidora de arroz / Olla arrocerca              | 20      | 1     | GFCI  | 0.5      | F         |              | 0.1          | 1.4          | F         |          |       |       |         | 20                                                                                         |                                                                                                                 | 22 |
| 23                  | FOOD WARMER (RICE TABLE)<br>Calentador de alimentos (mesa para el arroz) | 15      | 1     |       | 1.5      | F         |              |              | 0.2          | 1.4       | F        | 13.0  | GFCI  | 2       | 20                                                                                         | TORTILLA PRESS (SERVE LINE)<br>(1-#10, #10 N, #10 G, IN 3/4" C.)<br>Calentador de tortillas                     | 24 |
| 25                  | TORTILLA PRESS (DML)<br>(2-#10, #10 G, IN 3/4" C.)                       | 20      | 2     | GFCI  | 13.0     | F         | 1.4          | 0.3          |              | F         | 2.6      |       | 1     | 20      | REFRIGERATOR (COOK LINE)<br>Refrigerador (línea para cocinar)                              | 26                                                                                                              |    |
| 27                  |                                                                          |         |       |       |          |           |              | 1.4          | 2.1          | F         |          |       |       |         | 20                                                                                         |                                                                                                                 | 28 |
| 29                  | UPRIGHT REFRIGERATOR<br>Refrigerador vertical                            | 20      | 1     | GFCI  | 10.0     | F         |              |              | 1.2          | 2.1       | F        | 20.0  | GFCI  | 2       | 30                                                                                         | HOT FOOD SERVER (DML)<br>(2-#10, #10 N, #10 G, IN 3/4" C.)<br>Servidor de alimentos<br>calientes (línea de fax) | 30 |
| 31                  |                                                                          |         |       |       |          |           | 2.6          | 1.4          |              | F         | 11.7     | GFCI  | 1     | 20      | FOODWARMER (DML)<br>Calentador de alimentos (línea de fax)                                 | 32                                                                                                              |    |
| 33                  | DISH MACHINE<br>(2-#10, #10 G, IN 3/4" C.)<br>Lavavajillas               | 30      | 2     |       | 25.0     | F         |              |              | 2.6          | 1.2       | F        | 10.0  | GFCI  | 1       | 20                                                                                         | COLD TOP (DML)<br>Tabla fría (línea de fax)                                                                     | 34 |
| 35                  |                                                                          |         |       |       |          |           |              |              |              | 2.9       | 1.1      |       |       |         |                                                                                            |                                                                                                                 | 36 |
| 37                  | QUESADILLA MAKER<br>(2-#10, #10 G, IN 3/4" C.)                           | 30      | 2     | GFCI  | 28.0     | F         |              | 2.9          | 1.1          |           | F        | 9.4   |       | 3       | 15                                                                                         | CU-1<br>(3-#10, #10 G, IN 3/4" C.)                                                                              | 38 |
| 39                  | UNDERCOUNTER COOLER (PUW)                                                | 20      | 1     | GFCI  | 1.5      | F         |              | 0.2          | 1.1          |           |          |       |       |         |                                                                                            |                                                                                                                 | 40 |
| 41                  |                                                                          |         |       |       |          |           |              |              | 2.9          | 1.5       | F        | 12.5  | GFCI  | 1       | 20                                                                                         | ICE MAKER (PIW)<br>Máquina para hacer hielo                                                                     | 42 |
| 43                  | QUESADILLA MAKER<br>(2-#10, #10 G, IN 3/4" C.)                           | 30      | 2     | GFCI  | 28.0     | F         |              | 2.9          | 1.1          |           | F        | 9.2   | GFCI  | 1       | 20                                                                                         | SODA SYSTEM DISPENSER (PUW)                                                                                     | 44 |
| 45                  | SPARE                                                                    | 20      | 1     | --    | --       |           | 0.0          | 0.0          |              | F         | 0.2      |       | 1     | 20      | WIC - DOOR SECTION                                                                         | 46                                                                                                              |    |
| 47                  | SPARE                                                                    | 20      | 1     | --    | --       |           |              |              | 0.0          | 0.2       | F        | 1.5   |       | 1       | 20                                                                                         | WIC - EVAPORATOR                                                                                                | 48 |
| 49                  | SPARE                                                                    | 20      | 1     | --    | --       | 0.0       | 0.0          |              |              | --        | --       |       | 1     | 20      | SPARE                                                                                      | 50                                                                                                              |    |
| 51                  | SPARE                                                                    | 20      | 1     | --    | --       |           | 0.0          | 0.0          |              | --        | --       |       | 1     | 20      | SPARE                                                                                      | 52                                                                                                              |    |
| 53                  | SPARE                                                                    | 20      | 1     | --    | --       |           |              |              | 0.0          | 0.0       | --       | --    |       | 1       | 20                                                                                         | SPARE                                                                                                           | 54 |
| PHASE TOTAL [kVA]:  |                                                                          |         |       |       |          |           | 19.9 kVA     | 17.7 kVA     | 20.2 kVA     |           |          |       |       |         |                                                                                            |                                                                                                                 |    |
| PHASE TOTAL [AMPS]: |                                                                          |         |       |       |          |           | 168 A        | 147 A        | 171 A        |           |          |       |       |         |                                                                                            |                                                                                                                 |    |

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Issue Record:

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| <u>09.09.2024</u> | <u>PERMIT SET</u>       |
| <u>10.23.2024</u> | <u>BID SET</u>          |
| <u>01.24.2025</u> | <u>CONSTRUCTION SET</u> |

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Revisions: 01.24.25 DB UPDATES

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Drawn: \_\_\_\_\_ Checked: \_\_\_\_\_

AJJ

Project No.  
2401013

Contents:

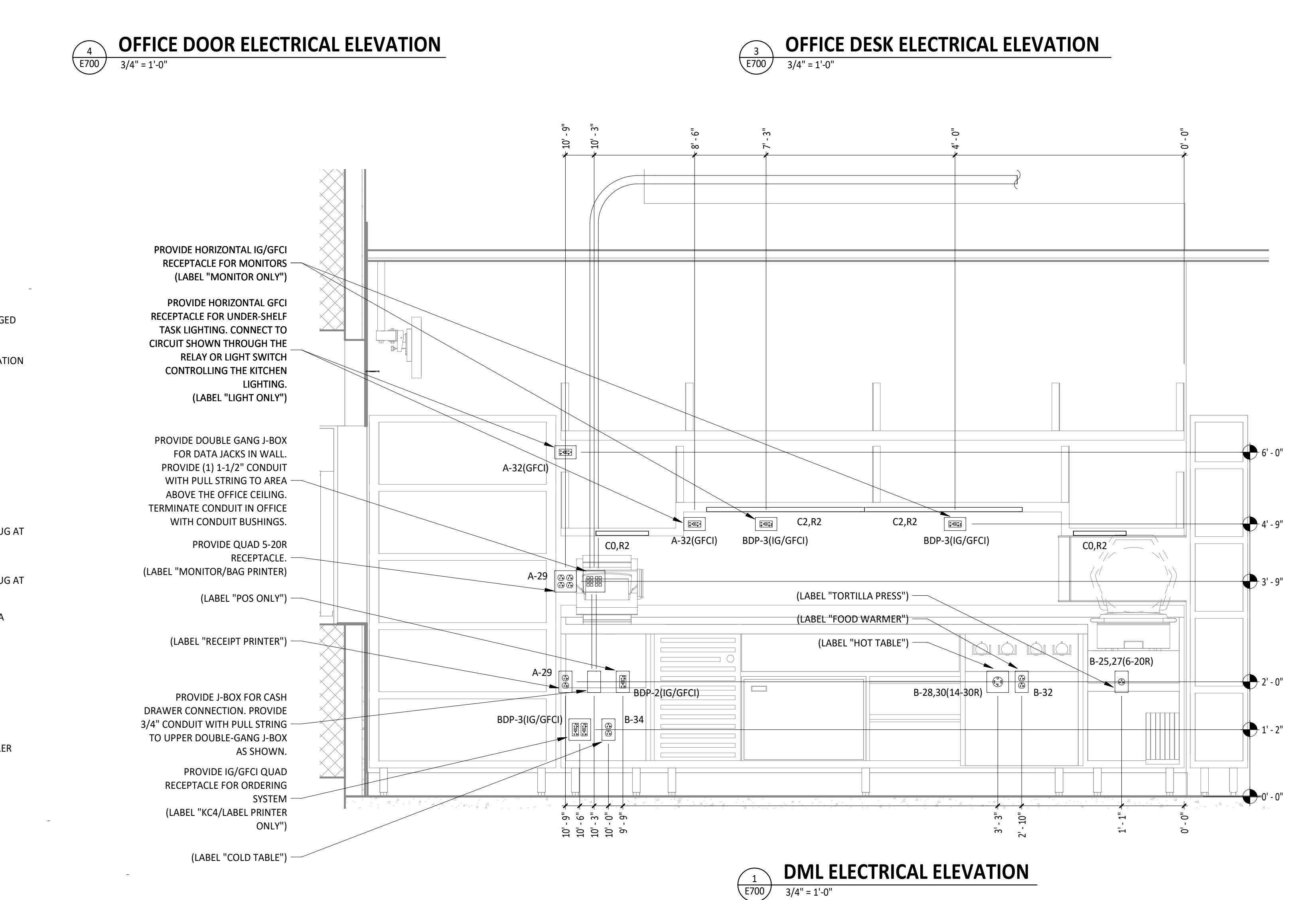
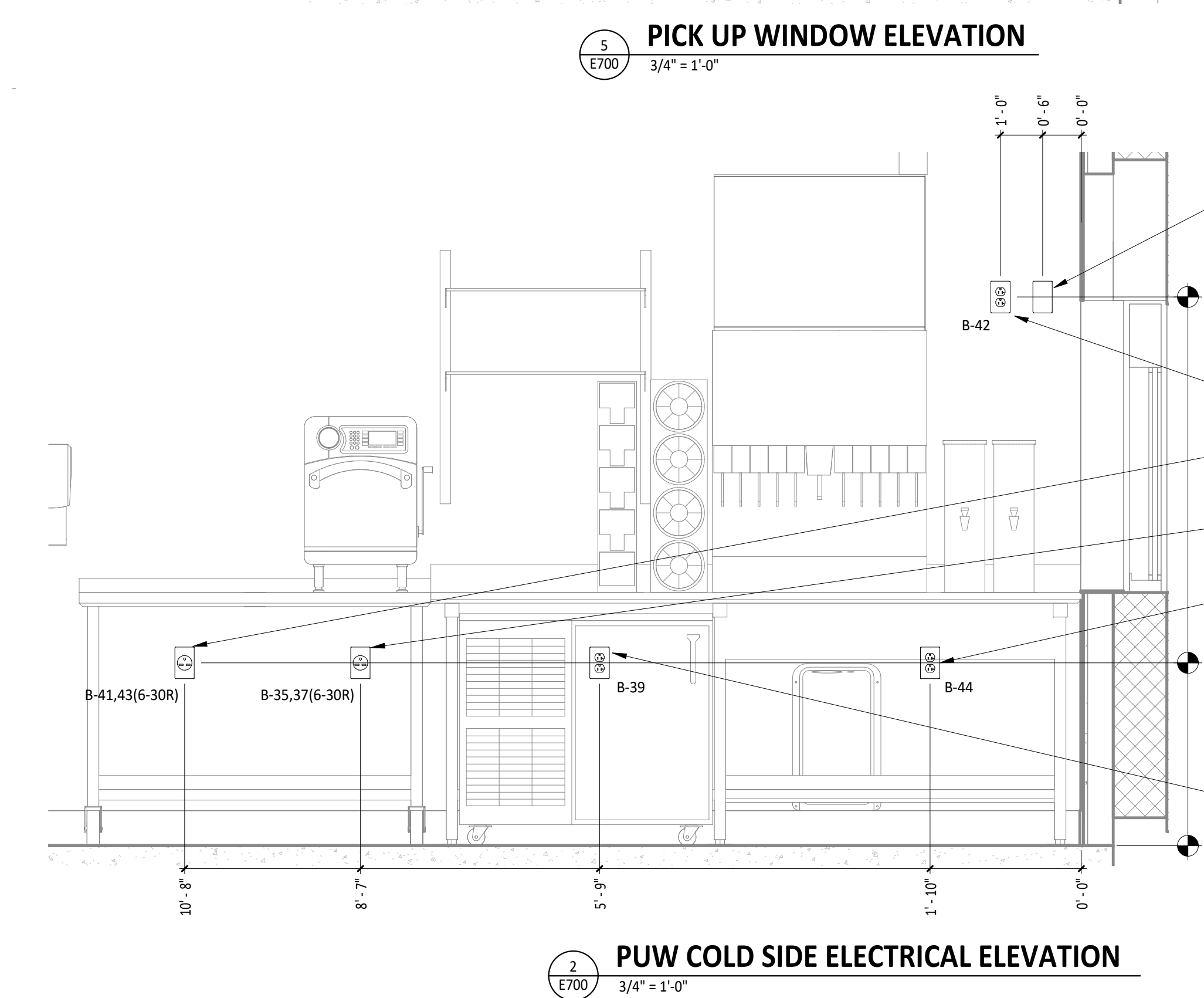
ELECTRICAL

## SCHEDULES

5600

## E600

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E700



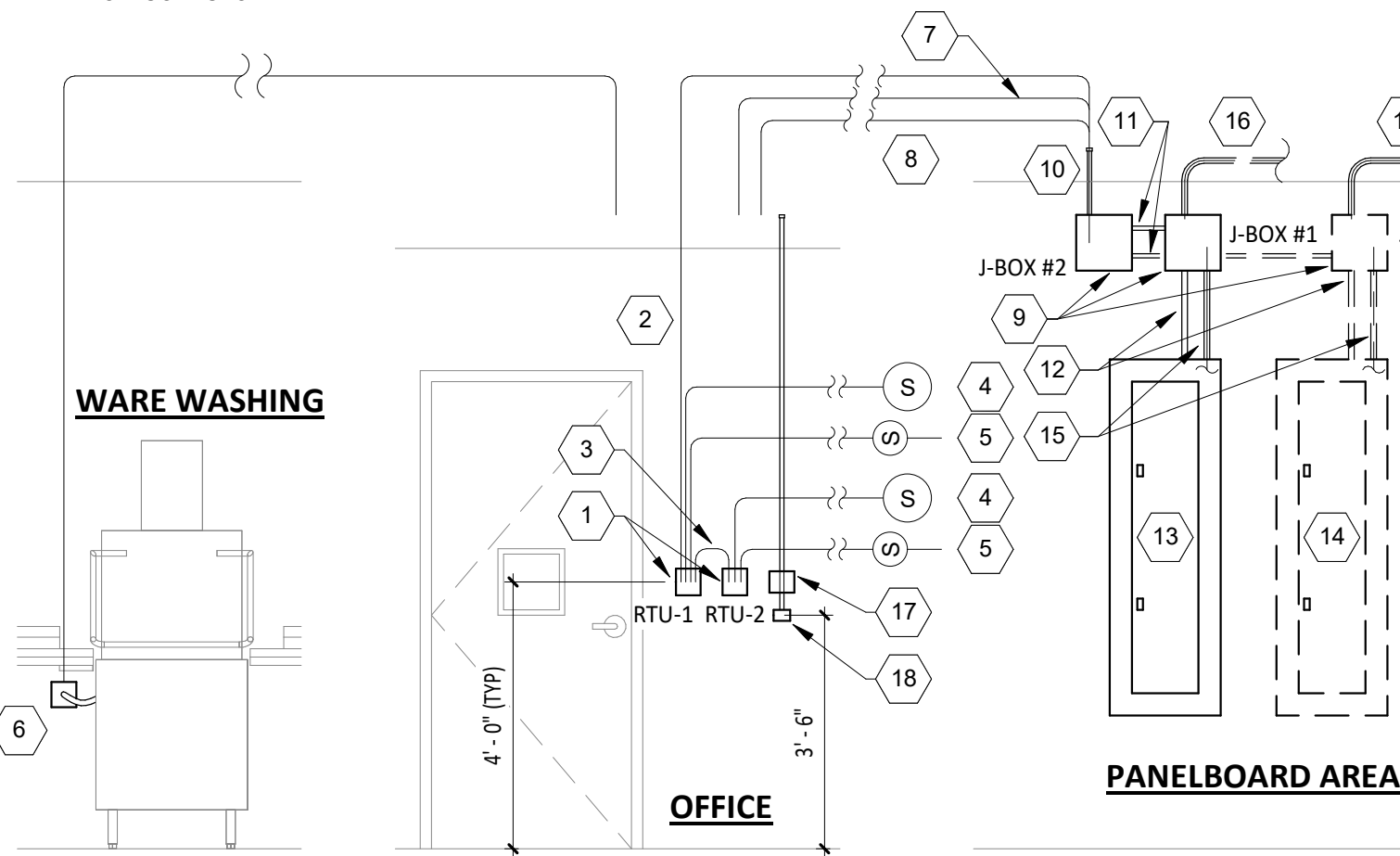
E705

GRIDPOINT DIAGRAM NOTES

1. INSTALL GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2. PROVIDE THERMOSTAT WIRING FROM EACH THERMOSTAT TO THE CORRESPONDING ROOFTOP UNIT.
2. PROVIDE CAT5E CABLE FROM RTU-1 THERMOSTAT TO J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF CABLE COILED UP INSIDE OF J-BOX #2 AND 16" BEHIND WALL OF THERMOSTAT FOR FINAL CONNECTION TO THE EMS SYSTEM BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTATS".
3. PROVIDE CAT5E CABLE(S) BETWEEN THERMOSTATS (LEAVE 16" OF CABLE BEHIND WALL OF EACH THERMOSTAT FOR FINAL CONNECTION BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTAT JUMPER". SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
4. INSTALL GRIDPOINT ZONE SENSOR MODULES FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM ZSM TO CORRESPONDING THERMOSTAT T1 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
5. INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM SUPPLY PROBE TO CORRESPONDING THERMOSTAT T2 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
6. PROVIDE 3/4" LIQUIDTIGHT CONDUIT FROM DISH SANITIZING MACHINE TO LOW-VOLTAGE JUNCTION BOX OR TRIM RING FLUSH MOUNTED TO WALL. PROVIDE CONTINUOUS (NOT SPLICED) CAT5E CABLE FROM DISH SANITIZING MACHINE TO OFFICE (ABOVE LAY-IN CEILING) WITH 54" SLACK WITHIN THE DISH MACHINE AND 10' SLACK ABOVE THE LAY-IN CEILING. PROVIDE RJ-12 PLUG ON CABLE AT DISH MACHINE END WITH BLUE WIRE CONNECTED TO PIN 3 AND BLUE/WHITE WIRE CONNECTED TO PIN 4. LABEL CABLE ON BOTH ENDS WITH "DISHWASHER".
7. PROVIDE CAT5 CABLE FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "RS-485 COMMS" ON BOTH ENDS OF THE CABLE. LEAVE 10' OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
8. PROVIDE CABLE (18-24AWG SHIELDED TWISTED PAIR) FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "EMS POWER" ON BOTH ENDS OF THE CABLE. LEAVE 10' OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
9. PROVIDE SURFACE MOUNT 10" X 10" X 4" NEMA 1 ENCLOSURES ABOVE PANELBOARDS AND 6" BELOW CEILING.
10. PROVIDE 3/4" CONDUIT WITH INSULATING BUSHING ON END CONCEALED IN WALL FROM J-BOX #2 TO 6" ABOVE LAY-IN CEILING.
11. PROVIDE 3/4" CONDUIT(S) FROM J-BOX #1 TO J-BOX #2.
12. PROVIDE EMPTY 1" CONDUIT(S) FROM PANELBOARD(S) TO J-BOX #1 FOR FUTURE CT WIRING BY TEMS.
13. FIRST PANELBOARD FED FROM ELECTRICAL SERVICE. PROVIDE WITH (1) 20A/3-POLE CIRCUIT BREAKER (FOR GRIDPOINT 3 PHASE METER). IF PANELBOARD HAS 120V CIRCUITS AVAILABLE THEN ALSO PROVIDE (1) 20/1-POLE CIRCUIT BREAKER (FOR GRIDPOINT TRANSFORMER).
14. IF SPACE HAS MULTIPLE ELECTRICAL SERVICES THEN PROVIDE A "J-BOX #1" AND ASSOCIATED BREAKERS, CONDUITS, AND CONDUCTORS ON THE FIRST PANELBOARD FED FROM EACH ELECTRICAL SERVICE.
15. FOR EACH ELECTRICAL SERVICE PROVIDE (1) SET OF [(4) #12, #12 G.] FROM 3-POLE GRIDPOINT CIRCUIT BREAKER AND, IF THE PANELBOARD HAS 120V CIRCUITS AVAILABLE, (1) SET OF [(2) #12, #12 G.] FROM 1-POLE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
16. IF THE PANELBOARD DOES NOT HAVE 120V CIRCUITS AVAILABLE PROVIDE A 1-POLE 120V 20A CIRCUIT BREAKER IN A PANEL WITH A 120V CIRCUIT AVAILABLE. PROVIDE (1) SET OF [(2) #12, #12 G.] FROM THE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
17. GRIDPOINT CONTROLLER PROVIDED BY TEMS
18. PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION AS SHOWN. PROVIDE 3/4" CONDUIT WITH PULL STRING AND INSULATING BUSHING FROM J-BOX TO 6" ABOVE OFFICE LAY-IN CEILING.

NOTE:

ARRANGEMENT SHOWN IS  
DIAGRAMMATIC - SEE PLANS FOR ACTUAL  
DEVICE LOCATIONS.

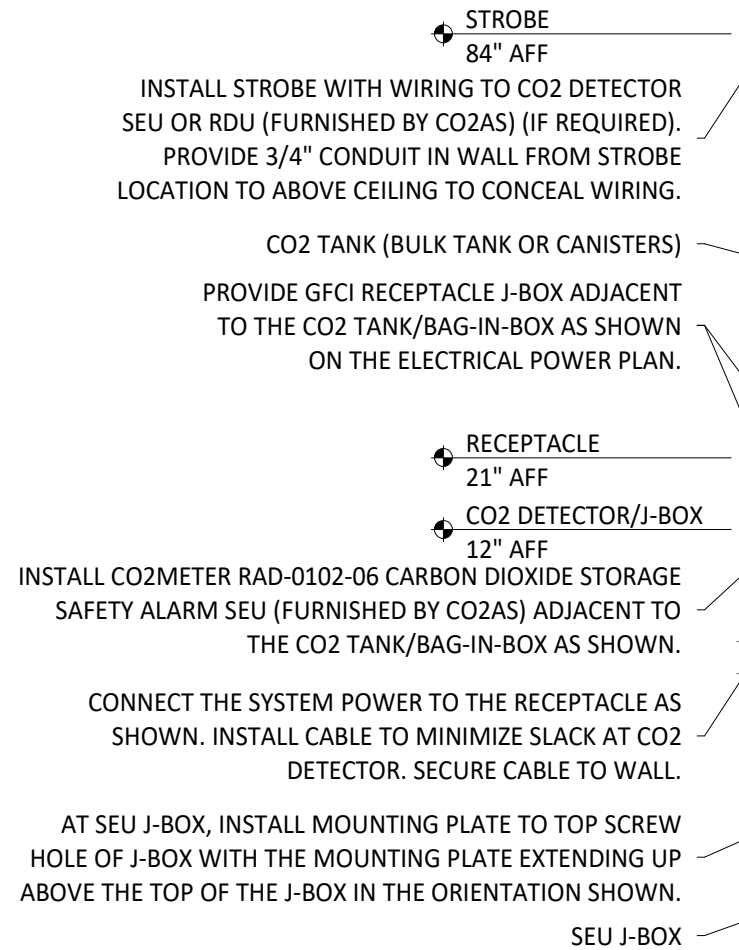


8 E710 GRIDPOINT WIRING DIAGRAM  
NOT TO SCALE

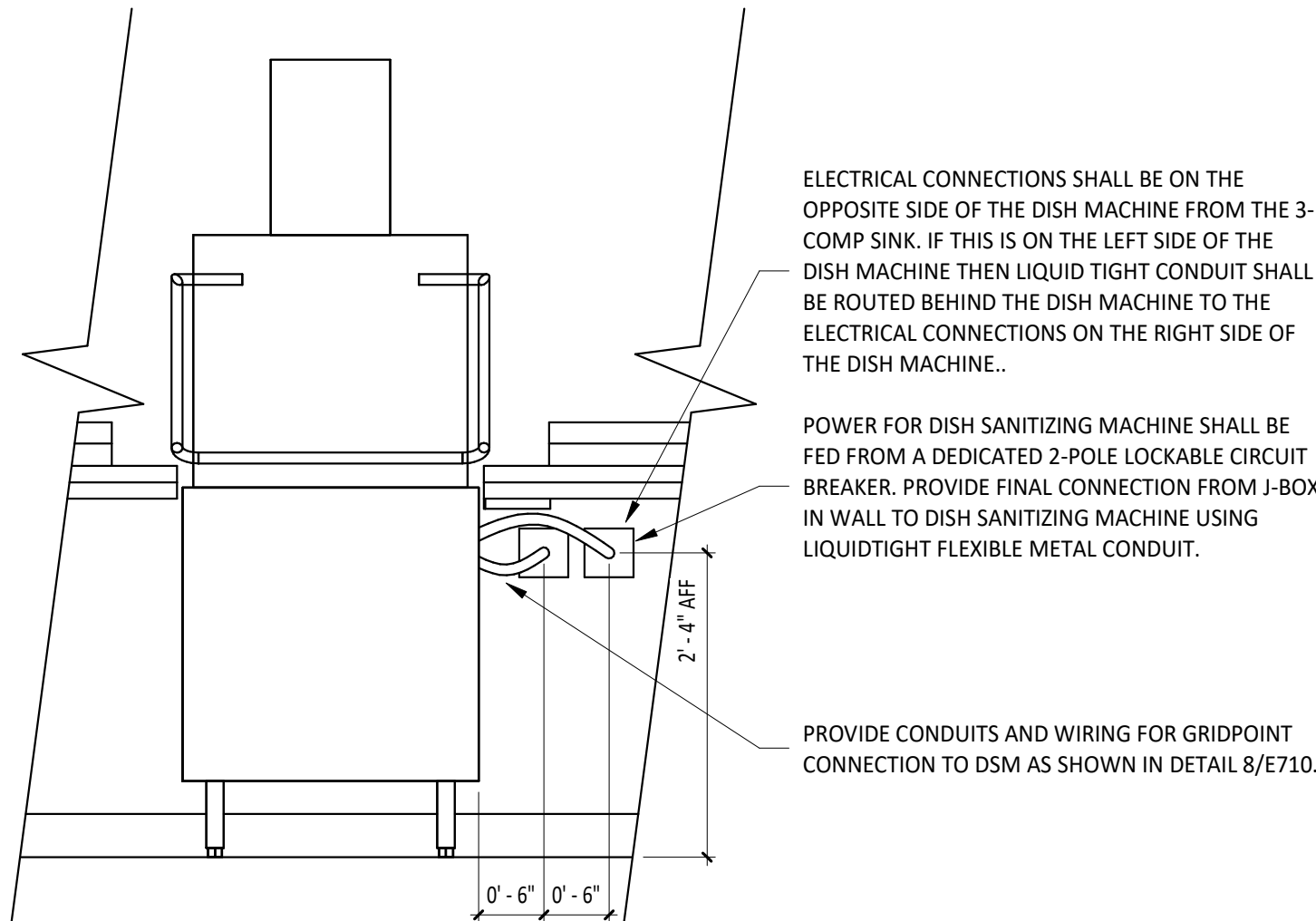
SEQUENCE OF OPERATIONS

- A. EMERGENCY LIGHT FIXTURES, EXIT SIGNS, LOCALLY-SWITCHED FIXTURES, AND FIXTURES DESIGNATED AS NIGHT LIGHTS ARE NOT CONTROLLED THROUGH THE RELAY PANEL.
- B. ALL TIMES NOTED SHALL BE LOCAL TIME AND SHALL AUTOMATICALLY ADJUST FOR DAYLIGHT SAVINGS TIME, IF APPLICABLE.
- C. ALL KITCHEN LIGHTING CIRCUITS AND RESTROOM EXHAUST FAN CIRCUIT (R1, R2, R7) SHALL BE ENERGIZED AT FULL POWER FROM 7:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- D. ALL DINING ROOM LIGHTING CIRCUITS (R4, R5, R6) SHALL BE ENERGIZED FROM 10:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- E. EXTERIOR LIGHTING/SIGNAGE RELAY (R8) SHALL BE ENERGIZED FROM ONE HOUR BEFORE SUNSET UNTIL ONE HOUR AFTER CLOSING AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- F. OVERRIDES: WHEN ONE OF THE OVERRIDE BUTTONS IS PRESSED THE SYSTEM WILL GO INTO OVERRIDE MODE FOR THE DURATION NOTED BELOW OR UNTIL THE NEXT SCHEDULED EVENT. FOLLOWING THIS PERIOD THE RELAYS WILL RETURN TO THE CURRENT SCHEDULED CONDITION. DURING THIS OVERRIDE TIME THE CORRESPONDING LAMP WILL ILLUMINATE ON THE OVERRIDE BUTTON.
- G. INTERIOR (CHANNEL 1): WHEN THE INTERIOR OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 1) RELAYS R1, R2, R4, R5, R6, AND R7 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- H. KITCHEN DIMMING (CHANNEL 2): WHEN THE KITCHEN NORMAL/DIM OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 2) RELAY R2 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- I. DINING DIMMING (CHANNEL 3): WHEN THE DINING NORMAL/DIM OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 3) RELAYS R5 AND R6 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- J. EXTERIOR (CHANNEL 4): WHEN THE EXTERIOR OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 4) RELAY R8 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- K. VERIFY THAT TIME, TIME ZONE, AND LONGITUDE/LATITUDE ARE SET CORRECTLY ON LCP. VERIFY WITH STORE OPERATIONS THAT THE ON/OFF TIMES ARE COMPATIBLE WITH THE STORE OPERATING HOURS PRIOR TO TURNOVER.

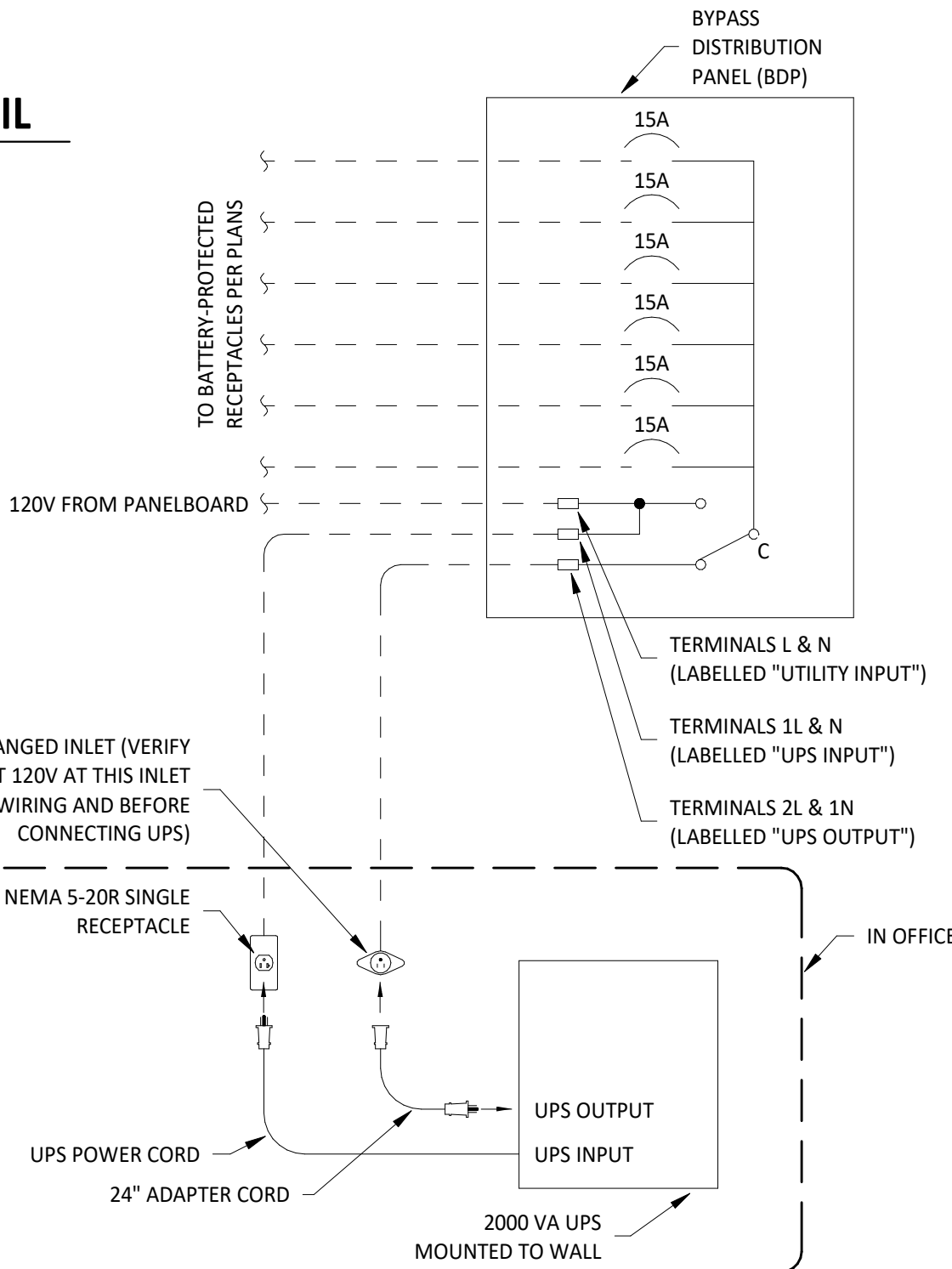
| CO2 ALARM OPTIONS       |   |
|-------------------------|---|
| CO2 DETECTOR            | X |
| CO2 REMOTE DISPLAY UNIT | X |
| REMOTE STROBE           |   |
| RELAY                   |   |



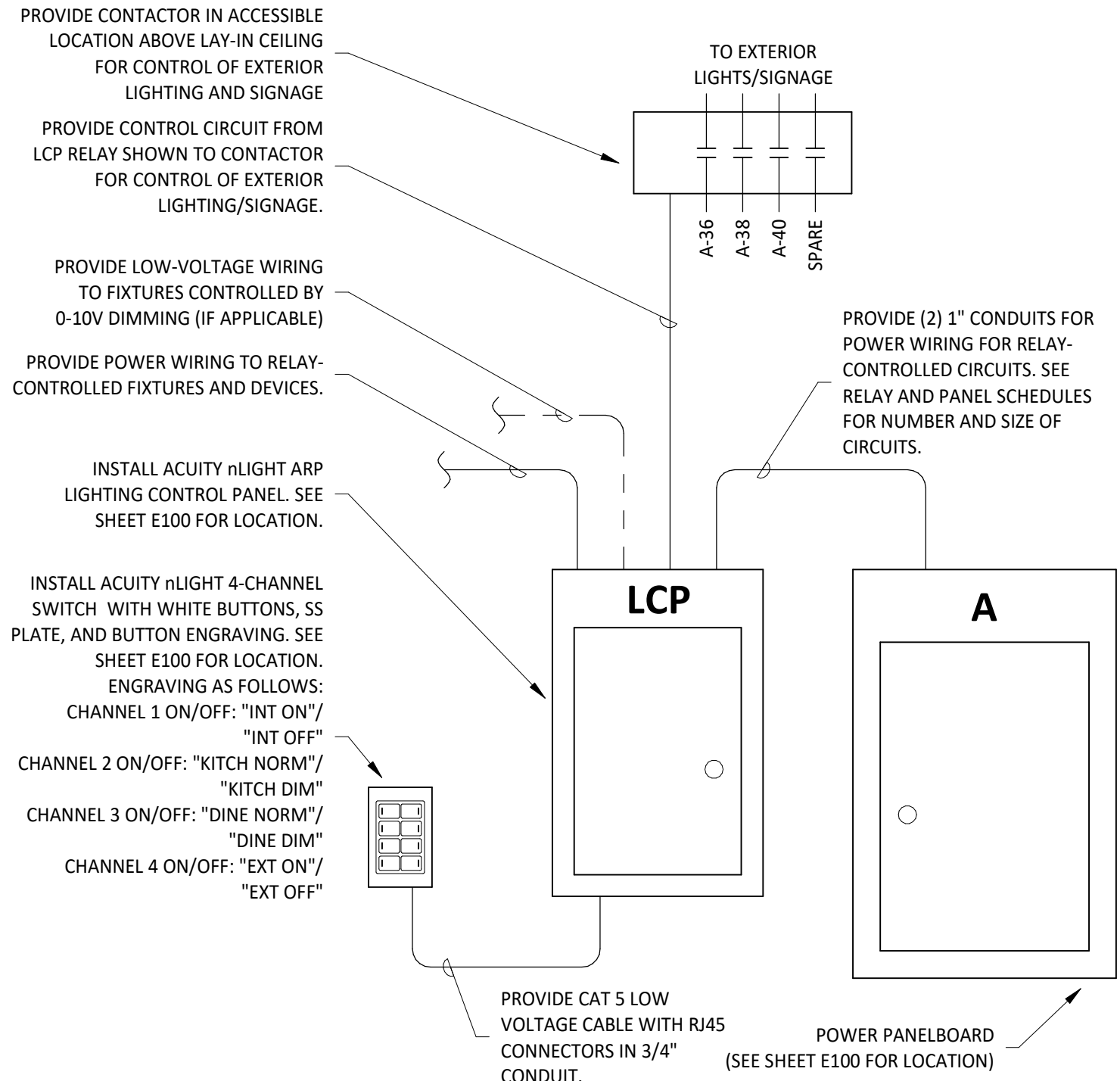
4 E710 CO2 ALARM DETAIL  
NOT TO SCALE



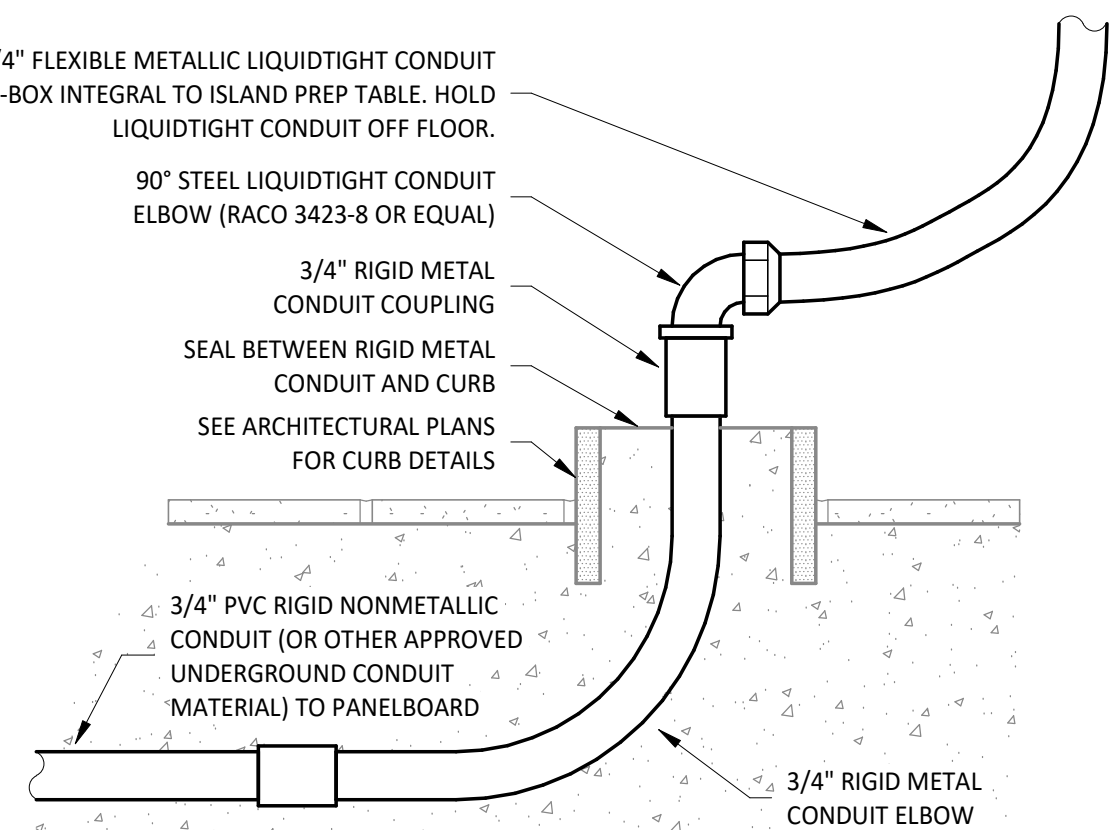
7 E710 DISH SANITIZING MACHINE ELECTRICAL DETAIL  
NOT TO SCALE



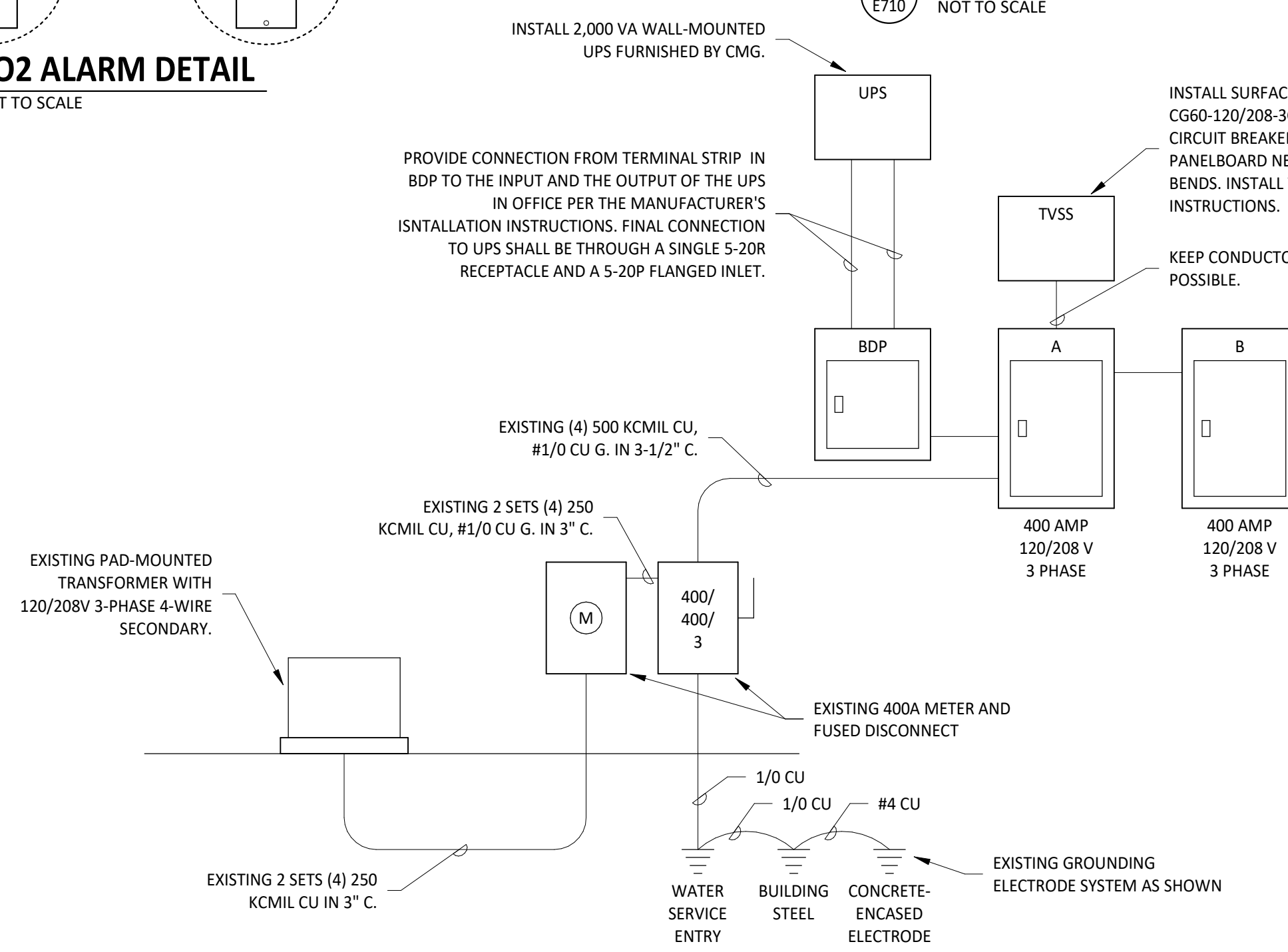
3 E710 BYPASS DISTRIBUTION PANEL WIRING DIAGRAM  
NOT TO SCALE



6 E710 LIGHTING CONTROL DIAGRAM  
NOT TO SCALE



2 E710 PEDESTAL OUTLET DETAIL  
NOT TO SCALE



1 E710 MAIN DISTRIBUTION DIAGRAM  
NOT TO SCALE

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Contents:

ELECTRICAL DETAILS

E710