

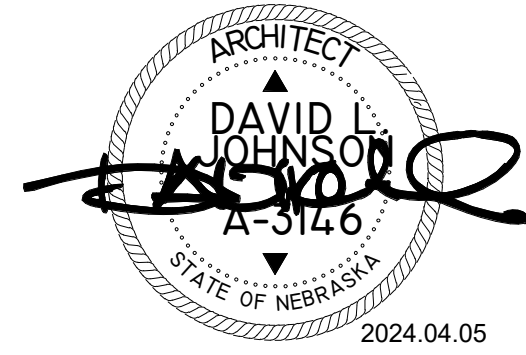
Attitude On Food Commercial - Catering Kitchen

7758 Cass Street
Omaha, NE 68114

**LSC
2012**

**IFC
2012**

"KITCHEN RANGES, GRILLS, AND DEEP-FAT FRYERS SHALL BE PROTECTED ACCORDING TO NFPA NO. 96."



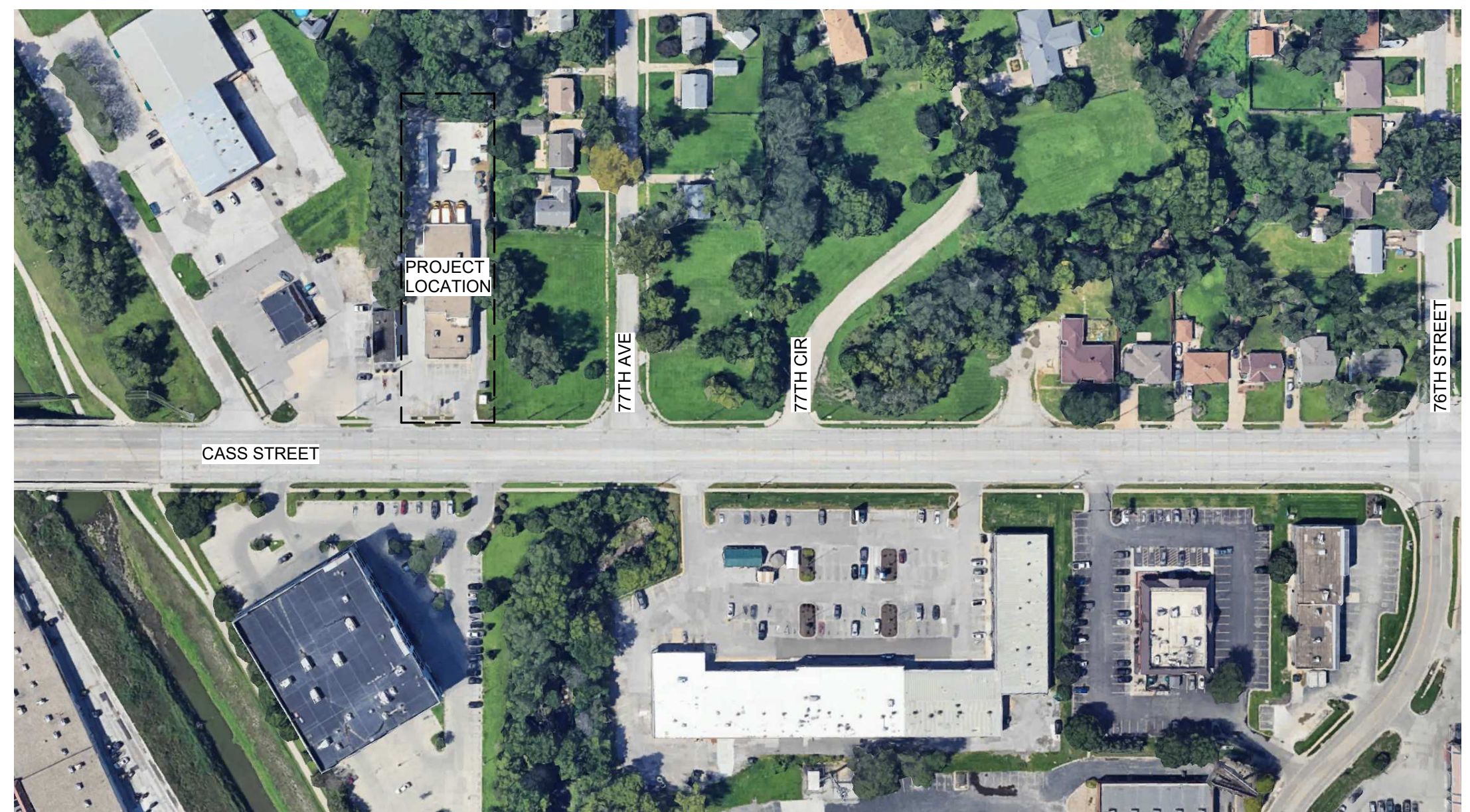
I, DAVID L. JOHNSON, AM THE COORDINATING PROFESSIONAL ON THE ATTITUDE ON FOOD PROJECT

omaha
PLANNING

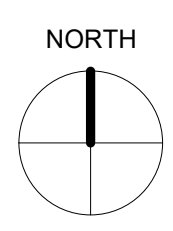
- ONE SET OF APPROVED PLANS SHALL BE KEPT ON THE JOBSITE AND SHALL BE AVAILABLE TO INSPECTORS AT ALL TIMES.
- THIS PERMIT DOES NOT GRANT APPROVAL TO VIOLATE ANY ORDINANCE OF THIS JURISDICTION, STATE, OR FED LAW.
- A PERMIT MAY BE REVOKED WHENEVER THE PERMIT IS ISSUED IN ERROR OR DUE TO INCORRECT INFORMATION SUPPLIED.
- THIS PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM REQUIRING CONSTRUCTION TO BE IN COMPLIANCE WITH ALL APPLICABLE CODES.
- THIS PERMIT IS VALID FOR 30 MONTHS IF AN INITIAL INSPECTION OCCURS WITHIN 6 MONTHS OF ISSUANCE.

APPROVED

8/9/2024, 9:53:03 AM
BLD-24-03012



1 VICINITY MAP
NOT TO SCALE

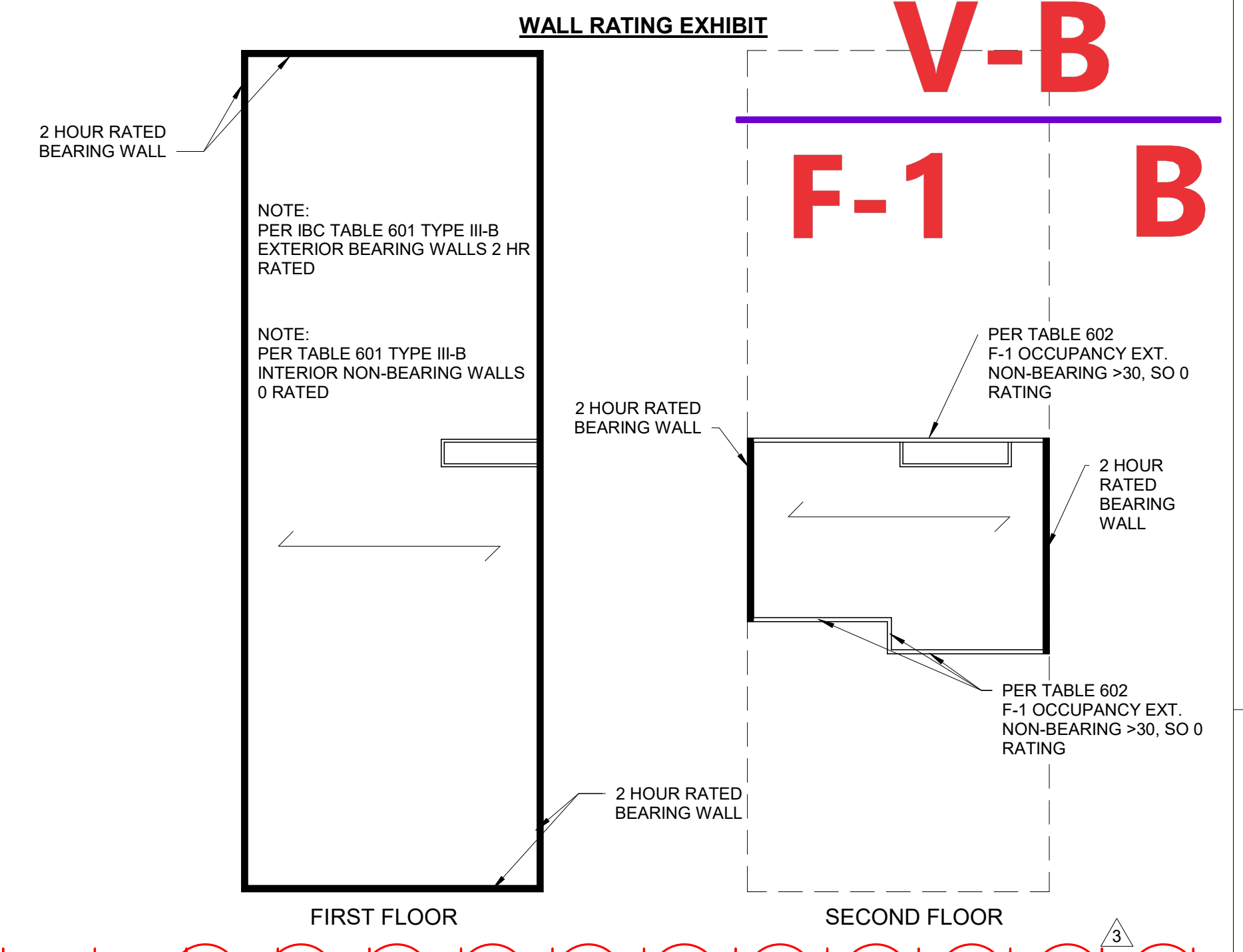


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00011 - FIRE (Kurt Urkoski)
Occupant load shall be calculated at the most restrictive. Per LSC

Business 100:1
Kitchen 100:1
Industrial 100:1
Break room/Coffee 15:1



CODE REVIEW

PROJECT: ATTITUDE ON FOOD

Location: 7758 Cass Street Omaha, NE 68114
Legal Description: CULLINGHAM'S SUB DIV LOT B BLOCK 0
Architecture by: Shive-Hattery
Architect's Project Number: 2240002640
Date of Review: 4/1/2024

Codes Used:
International Building Code - 2018
International Energy Conservation Code - 2018
International Fire Code - 2012
International Mechanical Code - 2018
Omaha Plumbing Code - 2018
Nebraska Electrical Code - 2017
NFPA 101 - Life Safety Code 2012 edition

Other Mandatory Requirements:
2018 ADA Standards for Accessible Design
International Building Codes - IBC 2018:
Occupancy Type: F-1
Construction Type: III-B
Analysis: Analyzed as non-separated design

Automatic Sprinkler System: No
Standpipe: Not Required (905.3.1)
Portable Fire Extinguishers: Required to be equally distributed. Maximum Travel distance = 75'-0". (906.3(1))
Manual Fire Alarm: Not Required (907.4.2)

Table 503:
Allowable Area: 12,000sf (506.2)
Allowable Height: 55'-0" (504.3)
Allowable Stories: 2 (504.4)

Actual Height: 30'
Actual Stories: 2

Actual Area:
First Floor: 6,703 SF
Second Floor: 1,500 SF
Total: 8,203 SF

Egress
Occupant Load, IBC (Table 1004.5)
First Floor:
Business Areas = 73 sf/150 = 1 occupants (@ lobby behind desk)
= 73 sf/11 = 11 occupants (@ lobby remaining space)
= 300sf/15 = 20 occupants (@ conference room)
Kitchen Areas = 2,276 sf/200 = 12 occupants
Accessory Areas = 3,979sf/300 = 13 occupants
Total First Floor = 57 Occupants

Second Floor:
Business Areas = 1,420/150 = 10 Occupants (@ office space)
75sf/15 = 5 Occupants (@ coffee)

Total Occupants Building = 72

Door Opening: 32 inches min. (1010.1.1)
Stair Width: 36 inches min. (1011.2 Exception 1)

Exiting
Exit signs: Required (1013.1)
Exit Illumination: Required (1008.2)
Common Path of Travel: 75'-0" (1006.2.1)
Exit Access Travel Distance: (B): 75'-0" (1006.3.3(2))

SEE LIFE SAFETY PLAN

Omaha Plumbing Code
Required Fixtures per 49-722 (2):
WC Male: 1 Lav Male: 1
WC Female: 2 Lav Female: 1
Service Sink: 1
DF: not required per Exception Note 1. Drinking fountains will not be required if water is provided to the customer of the business without charge.

00001 - COMM (Le Nguyen)
Change of use shall require new Certificate of Occupancy.

PER 2018 IBCB SECTION 301.3
"CHANGE OF OCCUPANCY" METHOD OF COMPLIANCE

PER IBCB TABLE 1011.4
M OCCUPANCY = CATEGORY 3
F-1 OCCUPANCY = CATEGORY 4
PER TABLE 1011.4
CATEGORY 4 LESS RESTRICTIVE THAN CATEGORY 3.
THEREFORE, FRONT ENTRY VESTIBULE DOORS TO REMAIN.

PER IBCB TABLE 1011.5
M AND F-1 ARE BOTH CATEGORY 3
HEIGHT AND AREA ARE IN COMPLIANCE WITH IBC 2018.

PER IBCB TABLE 1011.6
M AND F-1 ARE BOTH CATEGORY 2
NO CHANGE REQUIRED.

PER 2012 LSC 43.1.1
"CHANGE OF USE OR OCCUPANCY" CLASSIFICATION

PER 2012 LSC TABLE 43.7.3
EXISTING MERCANTILE AND PROPOSED ARE BOTH HAZARD CATEGORY 3.

2012 LSC TABLE 7.3.1.2
First Floor:
Business Areas = 4,427sf/100 = 45 occupants
Kitchen Areas = 2,276sf/100 = 23 occupants

Second Floor:
Business Areas = 1,420sf/100 = 15 occupants
Break/Coffee = 75sf/100 = 1 occupant

Total Occupants Building = 84

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Omaha, NE 68114

2024.04.17 ASI-01
2024.06.17 ASI-03
2024.07.31 ASI-04

Author: AOF
Approver: AOF

PROJECT NUMBER: 2240002640
FIELD BOOK

DRAWN BY:
APPROVED BY:
ISSUED FOR:
ISSUE DATE:
PROJECT NUMBER:
FIELD BOOK:

COVER SHEET

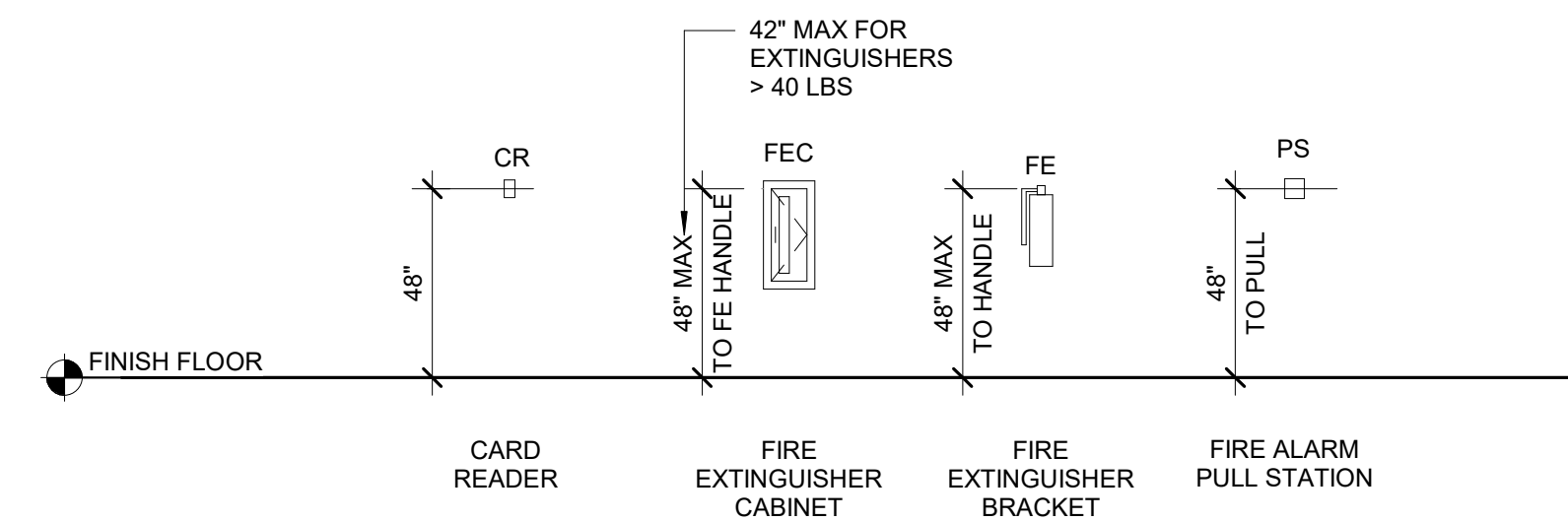
PROJECT NUMBER: 2240002640

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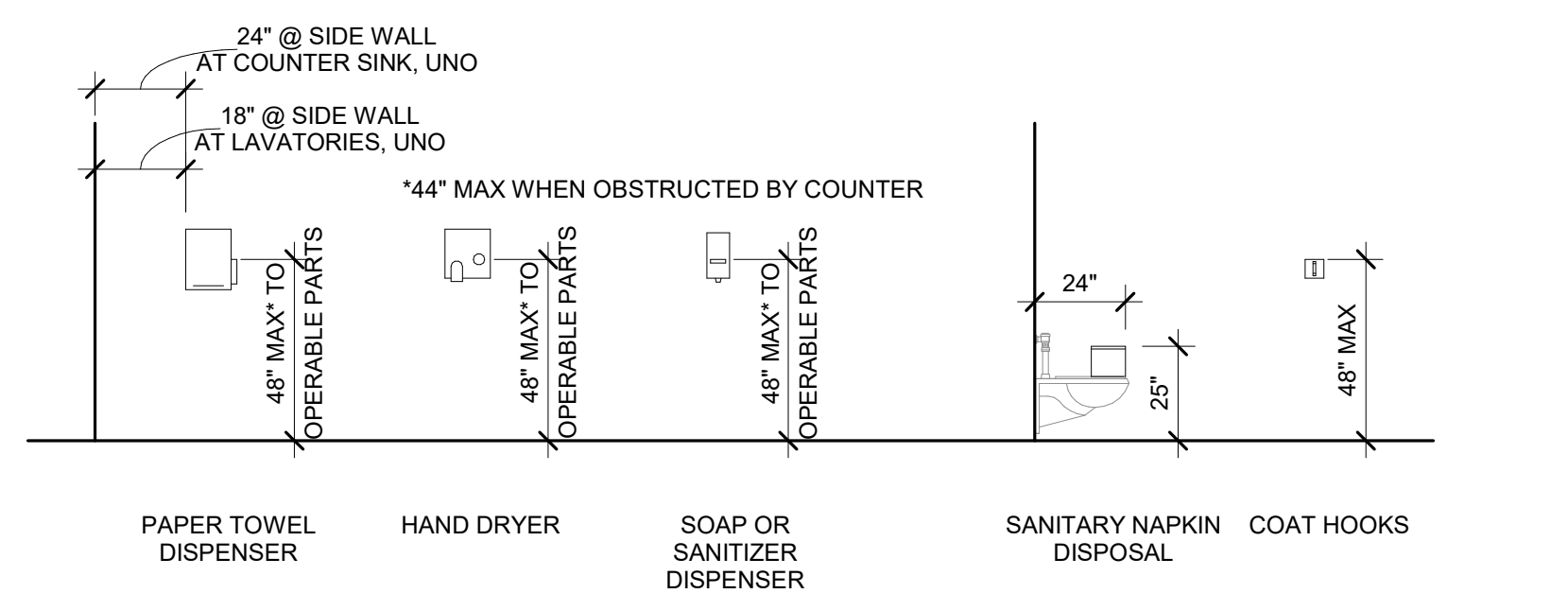
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NOTE: THIS DATA IS PROVIDED AS AN ADDITIONAL RESOURCE TO THE TEAM OF OWNER, CLIENT ARCHITECT, ENGINEER, AND SPECIFICALLY, CONTRACTOR. THIS IS A TOOL TO APPRISE ALL PARTIES OF GENERAL ACCESSIBLE CONDITIONS AS PUBLISHED PER THE ADAAG (AMERICANS WITH DISABILITIES ACT).

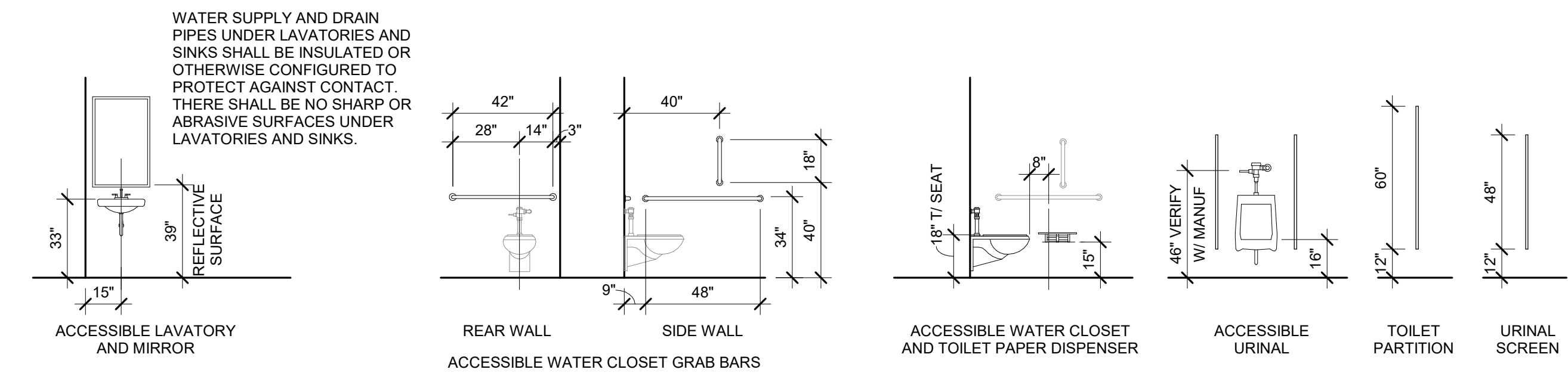
CONTRACTOR TO COMPLY WITH ALL SECTIONS OF THE NEBRASKA ACCESSIBILITY GUIDELINES. ALL DOORS, HARDWARE AND CLOSERS SHALL BE ADJUSTED BEFORE OCCUPANCY TO MEET NAG 4.13.10, 4.13.11, 4.13.12.



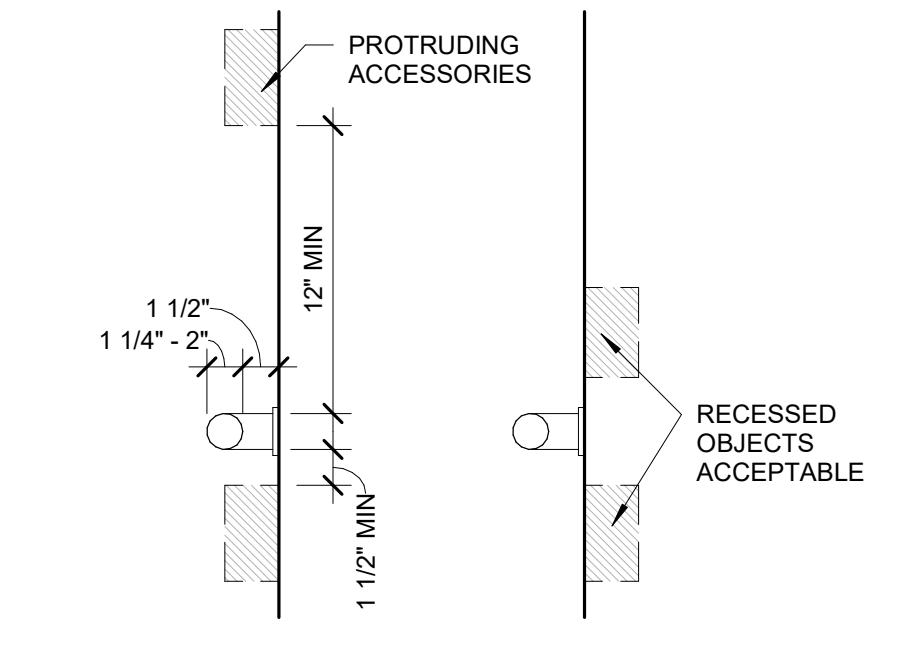
A1 MOUNTING HEIGHTS - MISC.
1/4" = 1'-0" 0 6'



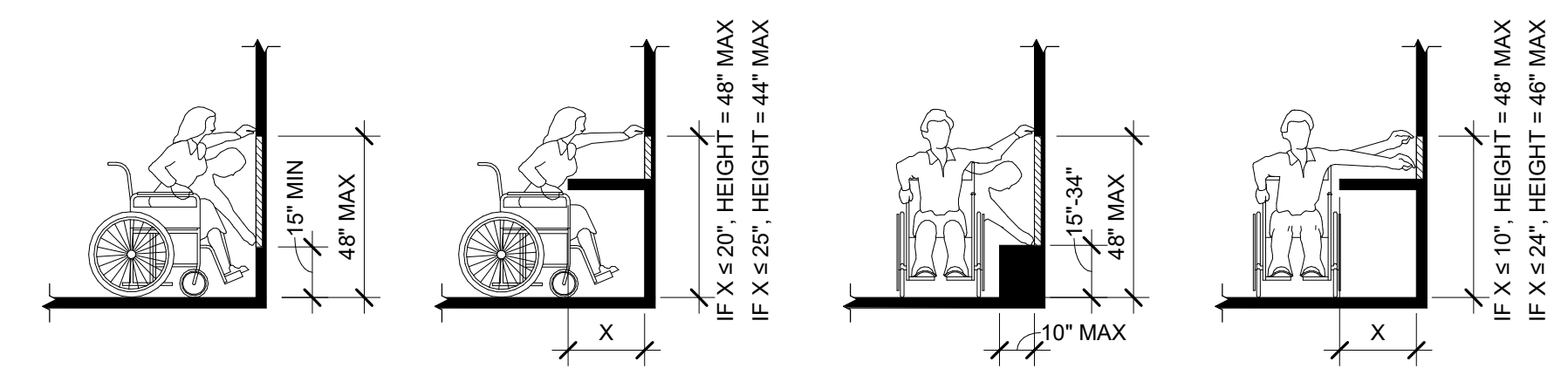
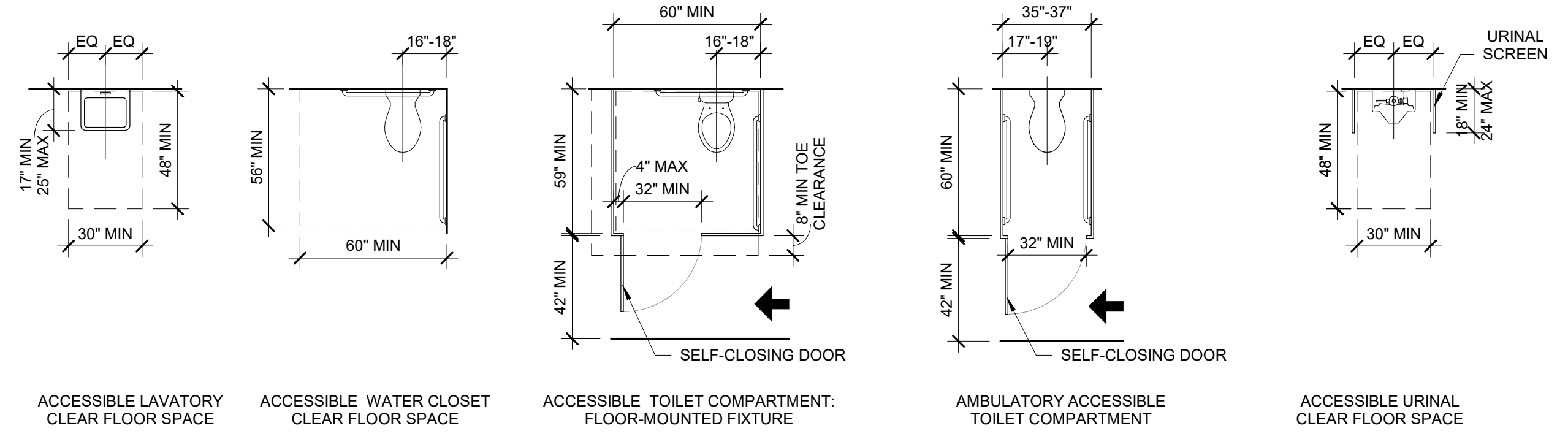
A2 ACCESSIBLE RESTROOM ACCESSORY MOUNTING REQ.
1/4" = 1'-0" 0 6'



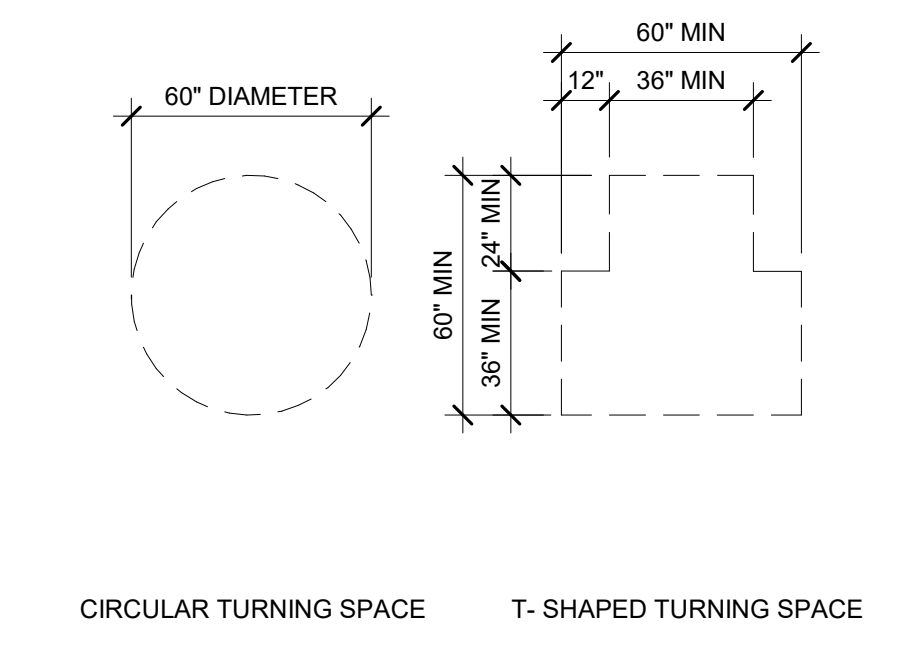
B2 ACCESSIBLE RESTROOM FIXTURE MOUNTING HEIGHTS
1/4" = 1'-0" 0 6'



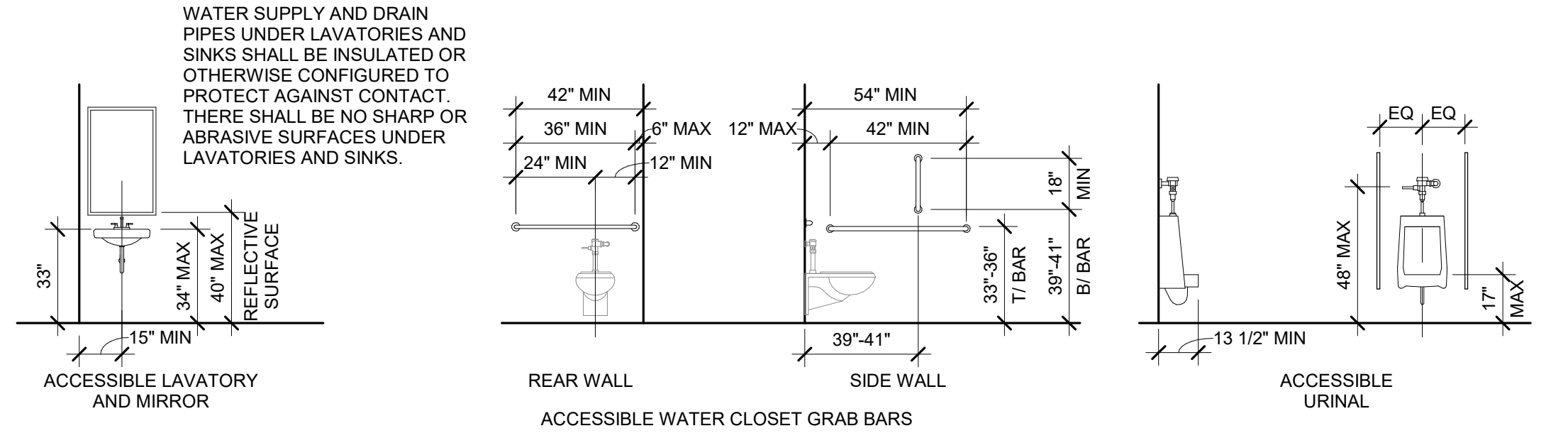
E2 GRAB BAR CLEARANCES
1 1/2" = 1'-0" 0 1'



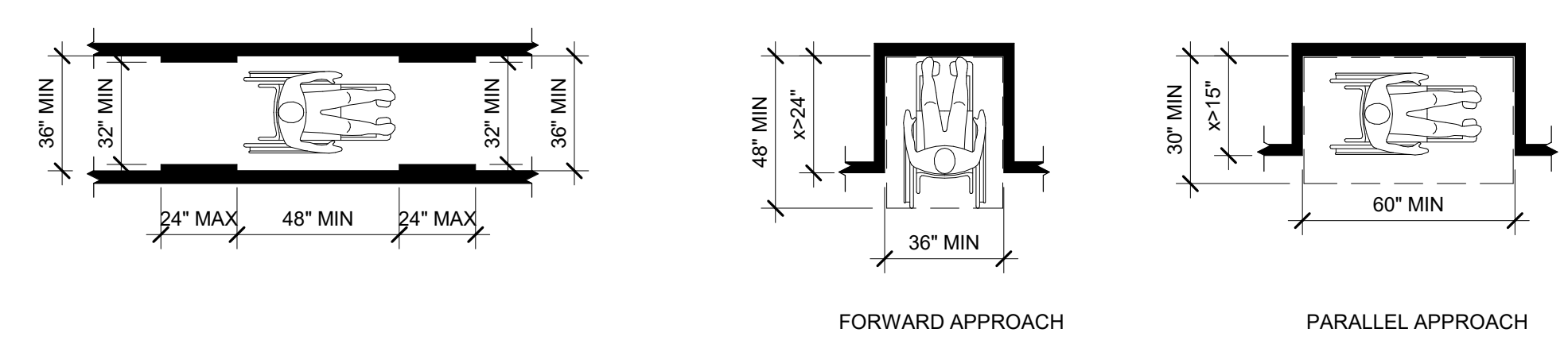
C3a REACH LIMITS
1/4" = 1'-0" 0 6'



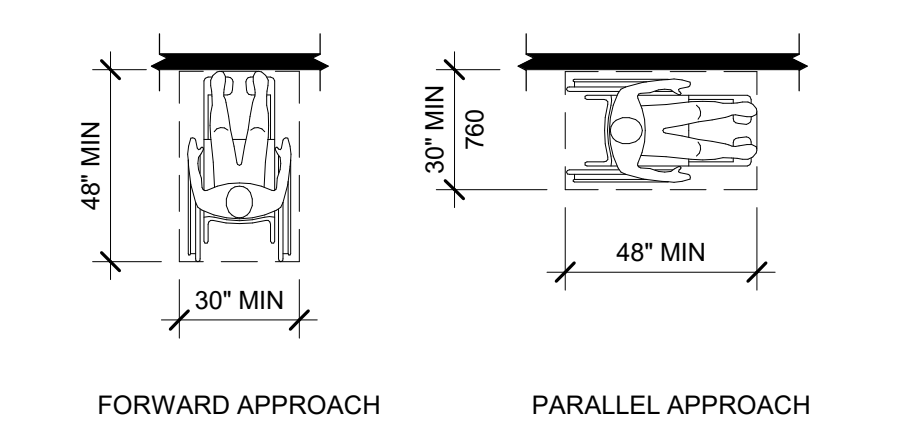
E3a TURNING SPACE
1/4" = 1'-0" 0 6'



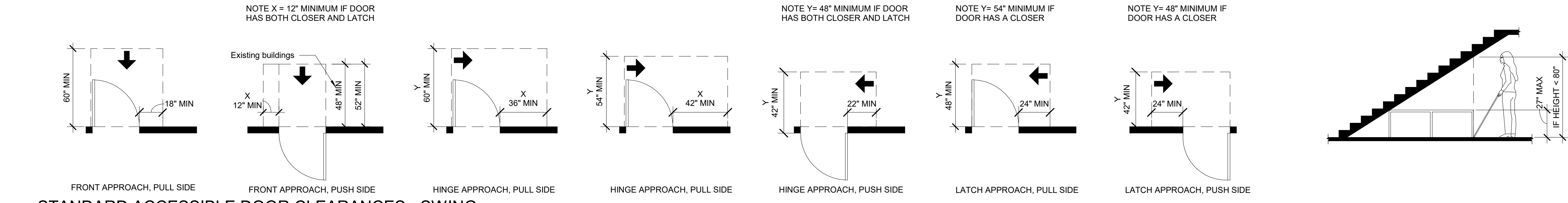
A4a ACCESSIBLE RESTROOM FIXTURE REQUIREMENTS
1/4" = 1'-0" 0 6'



C4 PASSAGE WIDTHS
1/4" = 1'-0" 0 6'

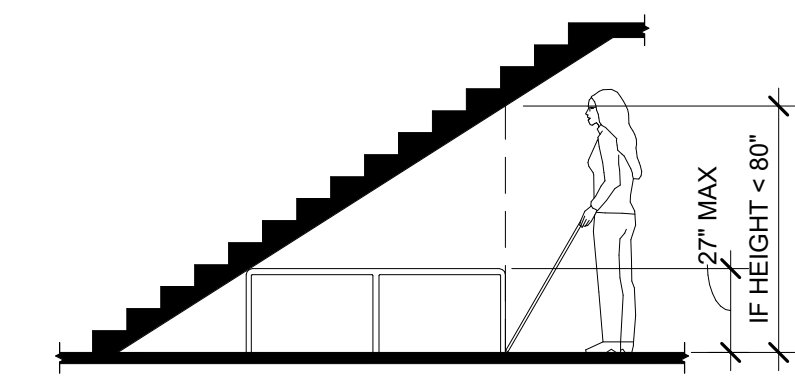


E4 CLEAR FLOOR SPACE
1/4" = 1'-0" 0 6'

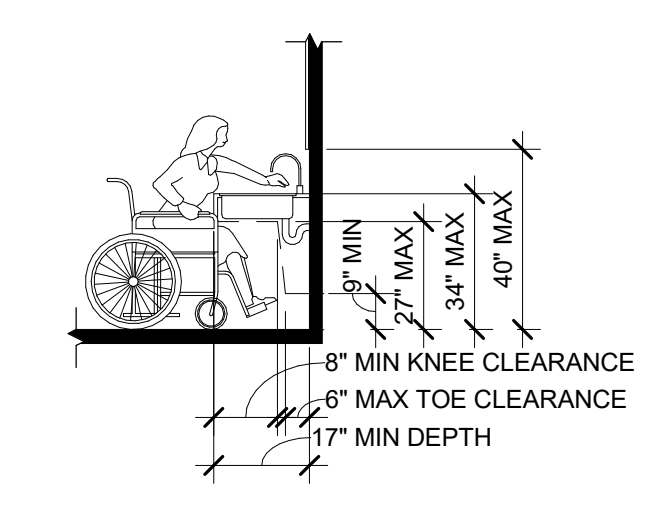


A4 STANDARD ACCESSIBLE DOOR CLEARANCES - SWING
1/4" = 1'-0" 0 6'

D4a ALCOVE CLEARANCE
1/4" = 1'-0" 0 6'



D4 VERTICAL CLEARANCE
1/4" = 1'-0" 0 6'



F4 KNEE AND TOE CLEARANCE
1/4" = 1'-0" 0 6'

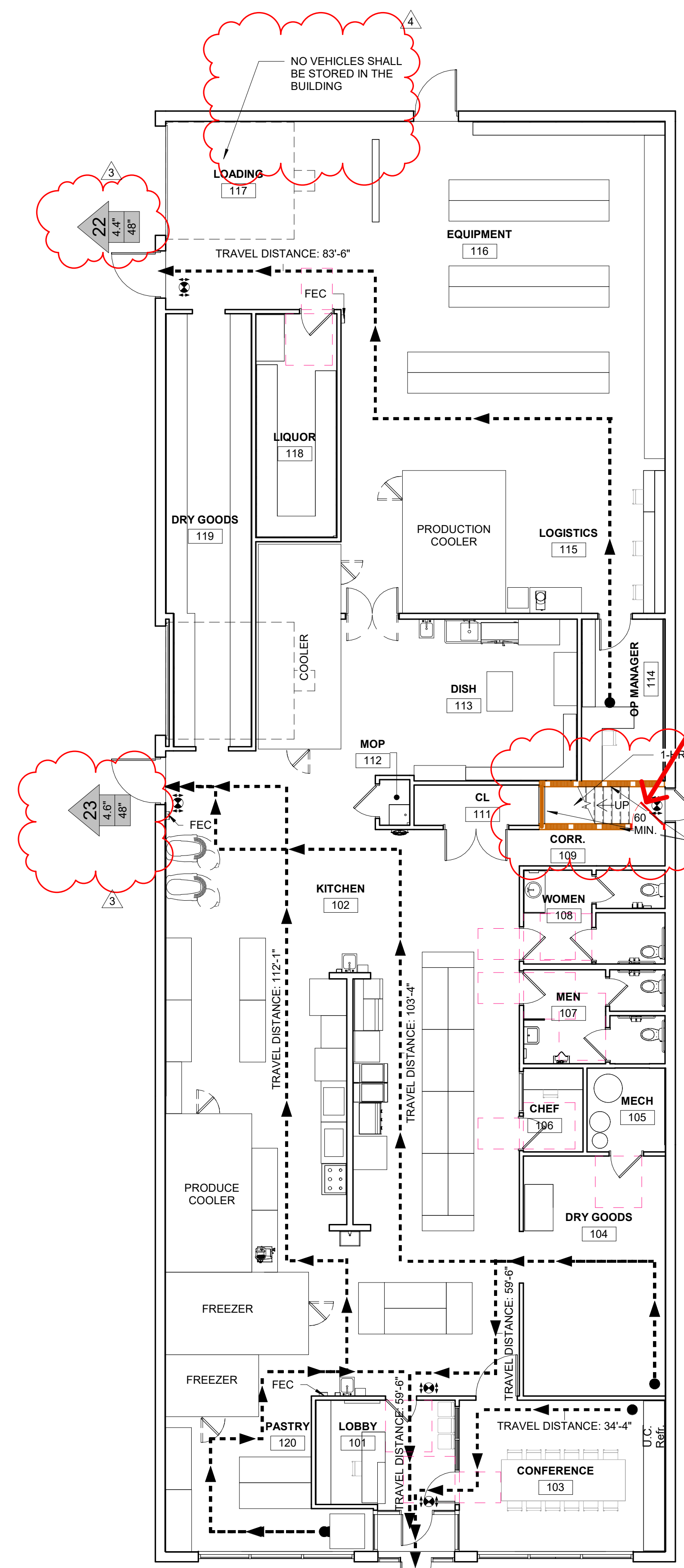
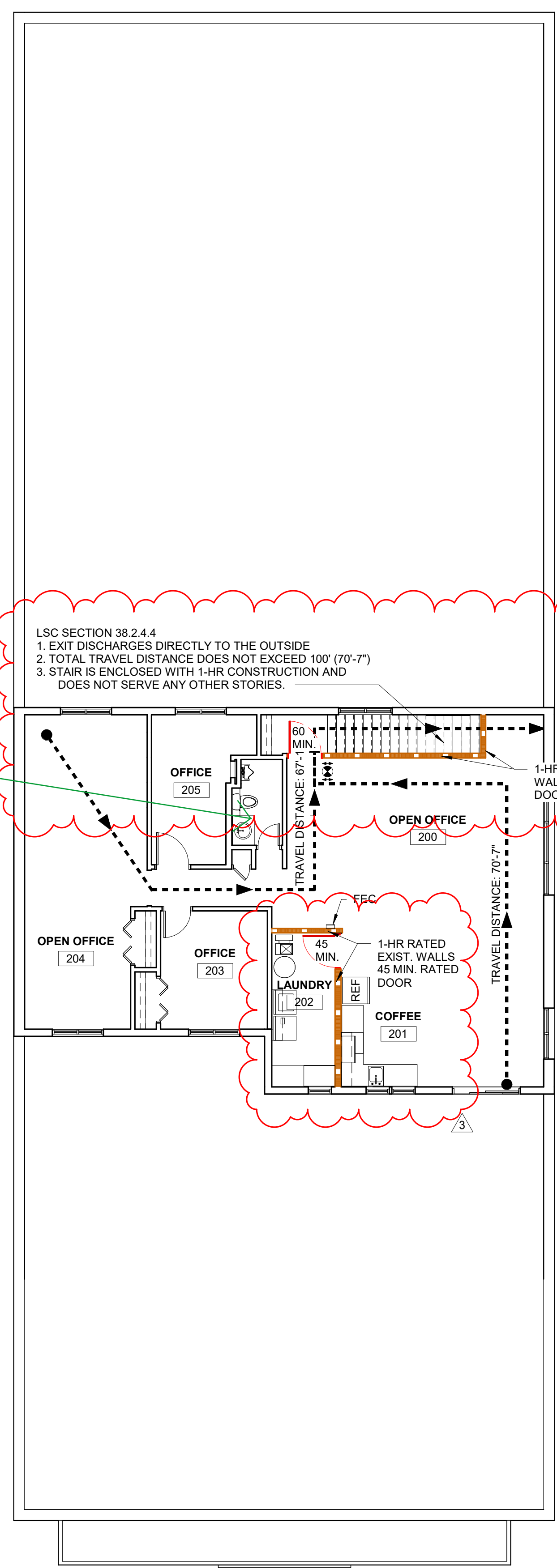
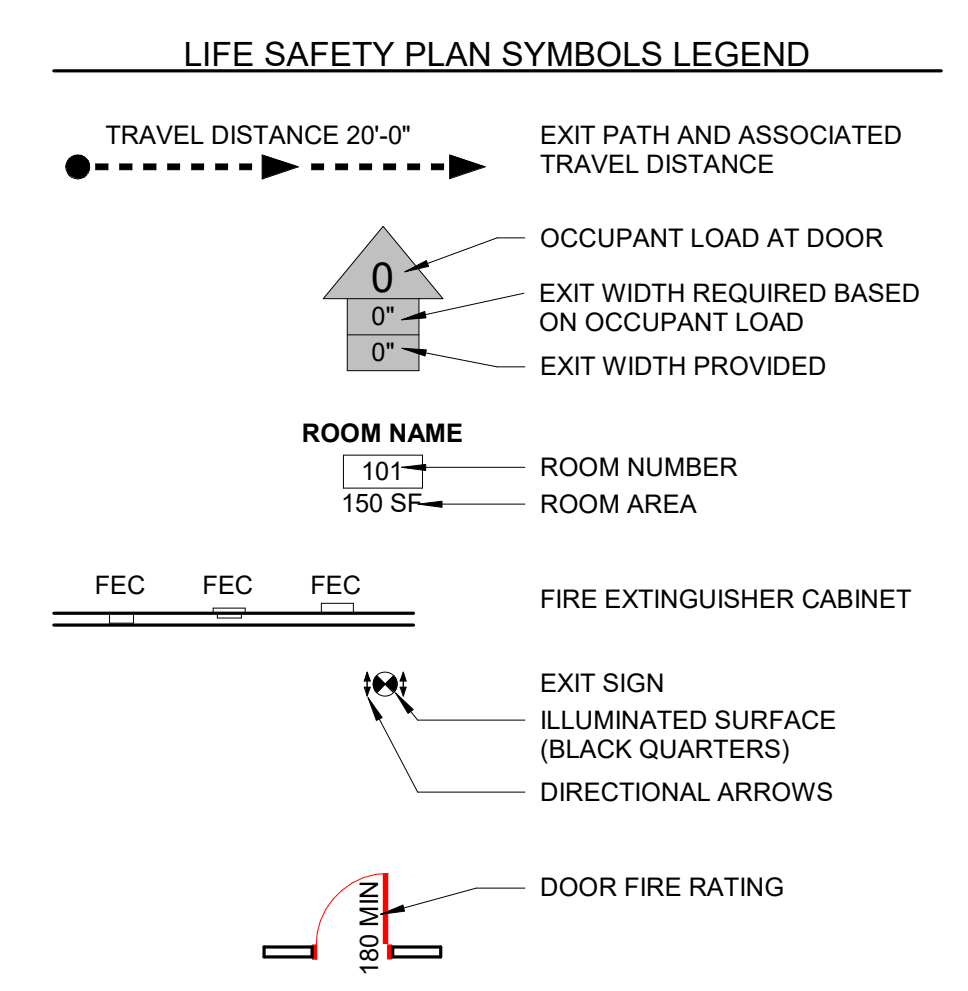
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B4 SECOND FLOOR LIFE SAFETY PLAN
 1/8" = 1'-0" 0" 12"

NOTE: EXITING BASED ON 2012 LIFE SAFETY CODE OCCUPANT CALCULATIONS

D4 FIRST FLOOR LIFE SAFETY PLAN
 1/8" = 1'-0" 0" 12"

NOTE: EXITING BASED ON 2012 LIFE SAFETY CODE OCCUPANT CALCULATIONS



00016 - FIRE (Kurt Urkoski)
 Stair door shall not obstruct egress.
 Leave entry door swing into the stair in its existing configuration.
 7/29
 Stair door shall not swing into stairs.

00003 - MPE (Frank Reida)
 Type I Hood Stamp

MPE COMMERCIAL KITCHEN HOODS COMMENT:

All kitchen cooking appliances capable of producing grease-laden vapor shall be under a Type I Hood.

Type I Hood and Grease Duct shall meet all IMC 2012 and NFPA 96 requirements, including, but not limited to, materials, cleanouts, clearances, fire-suppression, and termination.

Wall behind Type I Hood shall be inspected by the Mechanical Inspector.

Dishwasher shall be under a Type II Hood unless under-the-counter, or of a vapor exhaust or vapor recovery design.

Combination Ovens, if applicable to the kitchen design, shall be under a Type II Hood unless the requirements of IMC 2012 Section 507.2.2 are satisfied.

Grease Waste Line shall be connected to an external grease interceptor.

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SEAL

ARCHITECT
DAVID L. JOHNSON
 A-3146
 STATE OF NEBRASKA

Attitude On Food

Commercial - Catering Kitchen
 7756 Cass Street
 Omaha, NE 68114

2024.06.17	AS103	Author
2024.07.31	AS104	Approver
2024.04.05		ISSUED FOR
2024.04.05		ISSUE DATE
2240002640		PROJECT NUMBER
		FIELD BOOK

A

B

C

D

E

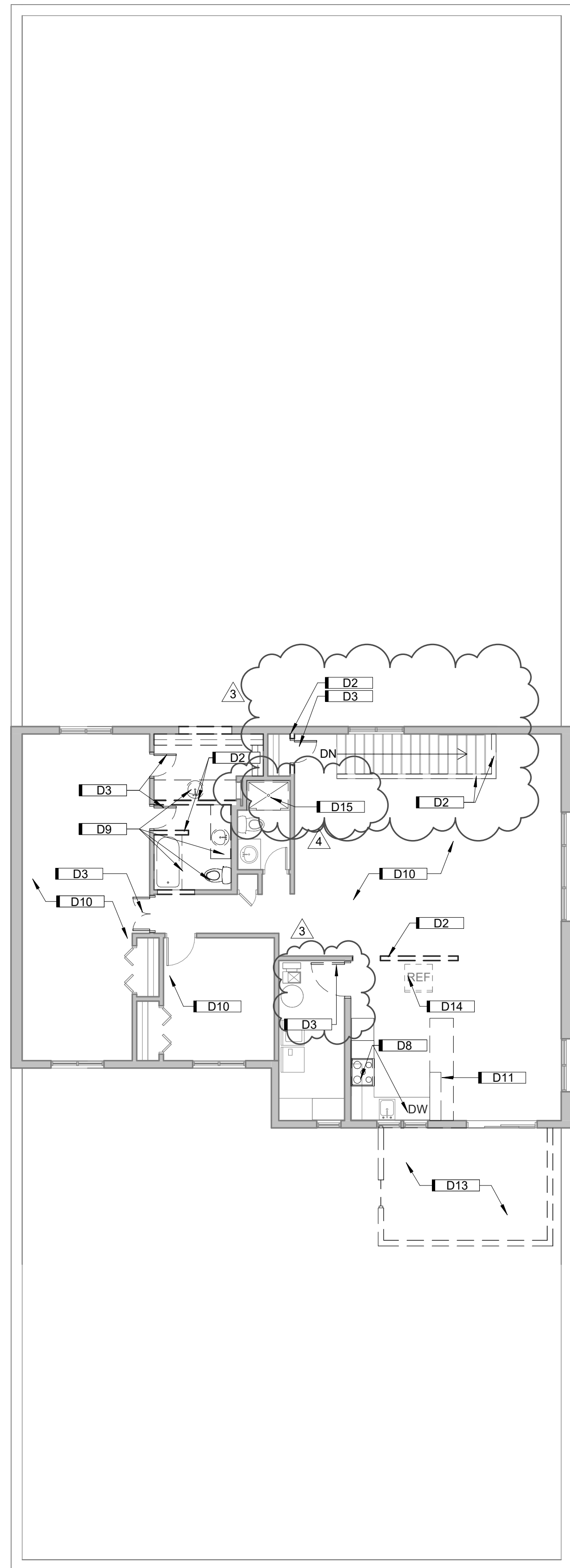
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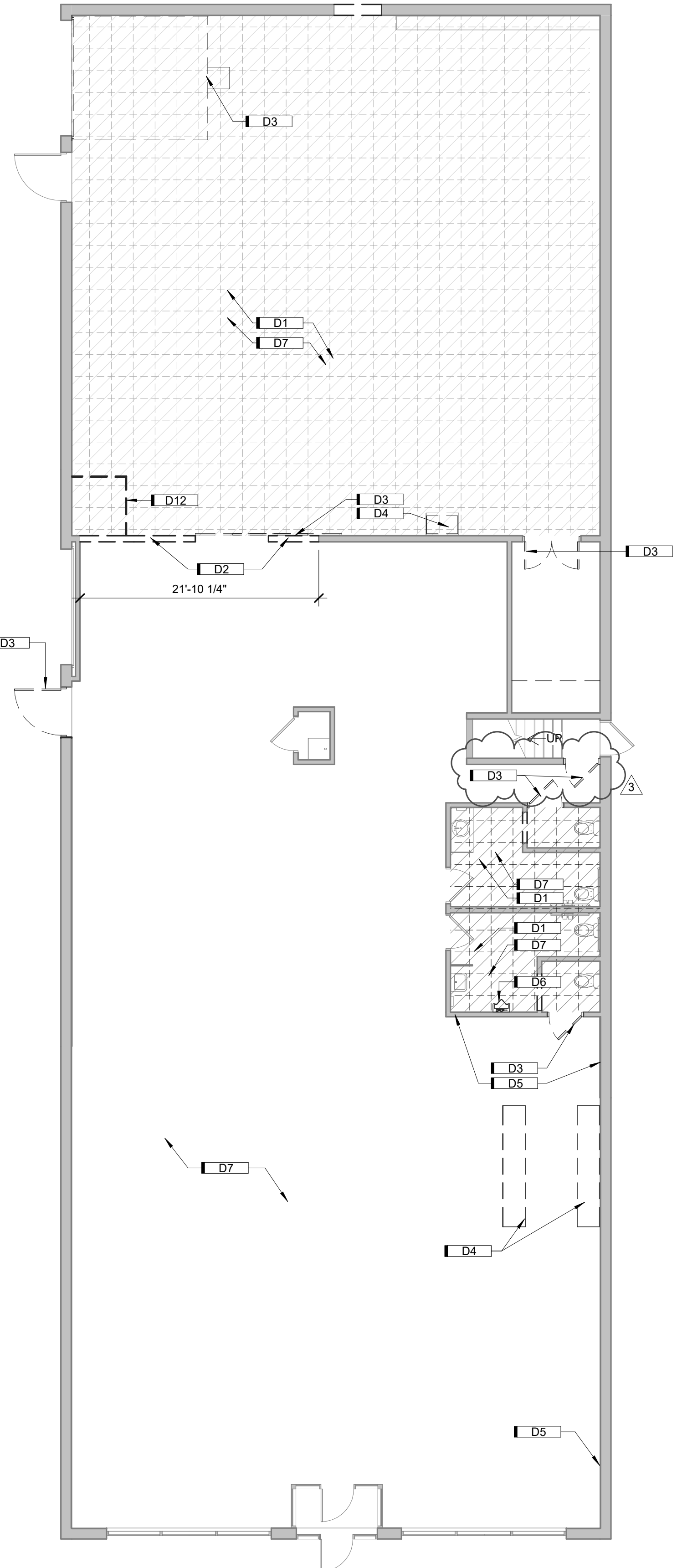
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B4 SECOND FLOOR DEMO PLAN
1/8" = 1'-0" 0 12'

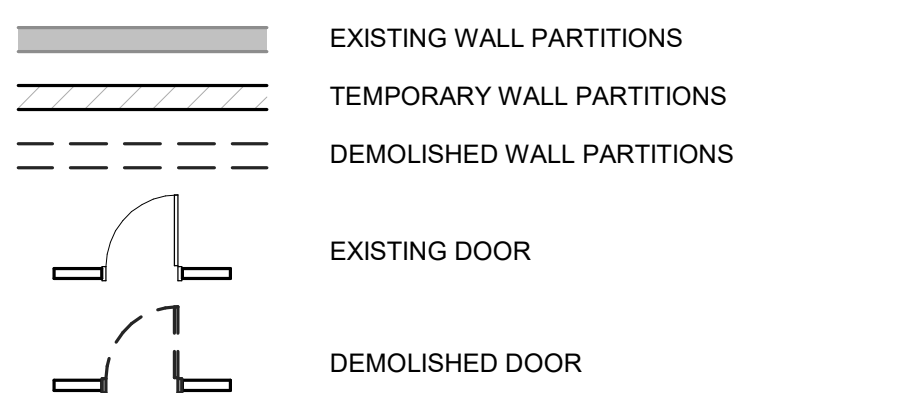


D4 FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0" 0 12'

ARCHITECTURAL DEMOLITION NOTES

- FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF DEMOLITION WORK. NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES BETWEEN WORK SHOWN IN THE DRAWINGS AND FIELD CONDITIONS ENCOUNTERED.
- TO PROTECT OWNER AND CONTRACTOR, PHOTOGRAPHICALLY DOCUMENT EXISTING CONDITIONS TO REMAIN, PRIOR TO START OF DEMOLITION AND CONSTRUCTION ACTIVITIES. COPY ARCHITECT AND OWNER ON PHOTOGRAPHIC DOCUMENTATION.
- OPEN FLAME EQUIPMENT IS NOT PERMITTED FOR REMOVAL OF EXISTING WORK WITHOUT SPECIFIC WRITTEN PERMISSION FROM THE OWNER.
- COORDINATE WITH OWNER ANY ITEMS TO BE SALVAGED.
- MAINTAIN BUILDING IN A WEATHER-TIGHT CONDITION. DO NOT PERFORM WORK ON EXTERIOR OPENINGS THAT CANNOT BE COMPLETED OR MADE WEATHER-TIGHT WHEN INCLEMENT WEATHER IS POSSIBLE.
- REMOVE FLOOR MATERIALS TO THE EXTENT SHOWN OR DESCRIBED IN THE DRAWINGS. REMOVAL INCLUDES ADHESIVES, GROUTING BEDS, ANCHORING DEVICES, ASSOCIATED WALL BASE, ETC. CLEAN AND PREPARE SURFACES FOR INSTALLATION OF NEW FLOOR MATERIALS.
- COORDINATE WITH OTHER TRADES CUTTING AND PATCHING REQUIRED FOR DEMOLITION OR NEW CONSTRUCTION.
- ANY DEMOLITION OR REMOVAL INDICATED IS SHOWN IN GENERAL TO PROVIDE THE EXTENT OF DEMOLITION AND IS NOT TO BE CONSIDERED AS A RECORD DRAWING OF EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR IN FIELD VERIFICATION AND COORDINATION WITH THE ARCHITECT PRIOR TO COMMENCING WITH STATED WORK.
- ALL CONSTRUCTION TO REMAIN WHICH IS AFFECTED BY DEMOLITION SHALL BE PATCHED, BE PROPERLY ALIGNED AND FINISHED SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR. REPAIR OR REPLACE ANY EXISTING CONSTRUCTION MATERIALS, OR EQUIPMENT DAMAGED DURING DEMOLITION TO LIKE NEW CONDITION.
- THE CONTRACTOR IS TO RETURN SALVAGEABLE MATERIALS, INCLUDING BUT NOT LIMITED TO DOORS, FRAMES, HARDWARE, MARBLE, EQUIPMENT, AND LIGHTING FIXTURES TO THE OWNER AND STOCKPILE THEM IN AN APPROVED CONSTRUCTION AREA. DISPOSE OF THESE MATERIALS AFTER OWNER'S REVIEW AND APPROVAL.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL FINISHES (TO REMAIN) IN THE PROJECT AREA. COORDINATE WITH ARCHITECT AND OWNER PRIOR TO DEMOLITION.
- CONTRACTOR SHALL ENSURE THAT DUST AND DEBRIS ARE PREVENTED FROM ENTERING THE EXISTING HVAC SYSTEM AND ADJOINING SPACES WITH TEMPORARY BARRIERS AS REQUIRED PER THE BUILDING.
- INDICATION OF NEW MATERIALS SHALL INFER ALL REMOVAL OR DEMOLITION AND PATCHING REQUIRED OF EXISTING MATERIALS AND SUBSTRATES FOR PROPER ALIGNMENT. MATCH EXISTING FINISHES.
- ALL NEW AND EXISTING PENETRATIONS IN EXISTING WALLS, FLOORS AND CEILING DECKS SHALL BE THE RESPONSIBILITY OF THE PRIME CONTRACTOR AND SHALL RECEIVE UL AND FACILITY APPROVED FIRE SEALANT MATERIALS TO MATCH RATING REQUIREMENT OF AREA BEING PENETRATED.

DEMOLITION PLAN SYMBOLS LEGEND



KEYNOTES

KEY	NOTE
D1	REMOVE EXISTING FLOOR TILE AS REQUIRED, PATCH AND REPAIR AS NEEDED.
D2	REMOVE EXISTING WALL.
D3	REMOVE EXISTING DOOR, PATCH AND REPAIR AS NEEDED.
D4	REMOVE EXISTING CASEWORK
D5	REMOVE PEG BOARD ON WALL, PATCH/REPAIR GWB AS NEEDED.
D6	EXISTING URINAL TO BE MOVED WEST 1'-0". SEE A101.
D7	REMOVE EXISTING LIGHT FIXTURES
D8	REMOVE EXISTING RANGE AND DISHWASHER.
D9	REMOVE EXISTING SINK, TOILET, BATHTUB. PREP FOR NEW FLOORING.
D10	REMOVE EXISTING CARPET, PREP FOR NEW FLOORING.
D11	REMOVE EXISTING PENNINSULA COUNTERTOP AND CASEWORK. SALVAGE IF POSSIBLE ONE BASE CABINET TO INFILL DISHWASHER LOCATION.
D12	REMOVE EXISTING HOOD/EQUIPMENT
D13	REMOVE EXISTING DECK/DECK RAILINGS, PATCH ROOF AS REQUIRED.
D14	MOVE EXISTING REFRIGERATOR TO WEST WALL. SEE FLOOR PLAN FOR NEW LOCATION.
D15	DEMO EXISTING TUB/SHOWER. PATCH/REPAIR WALL AND FLOOR AS NEEDED.

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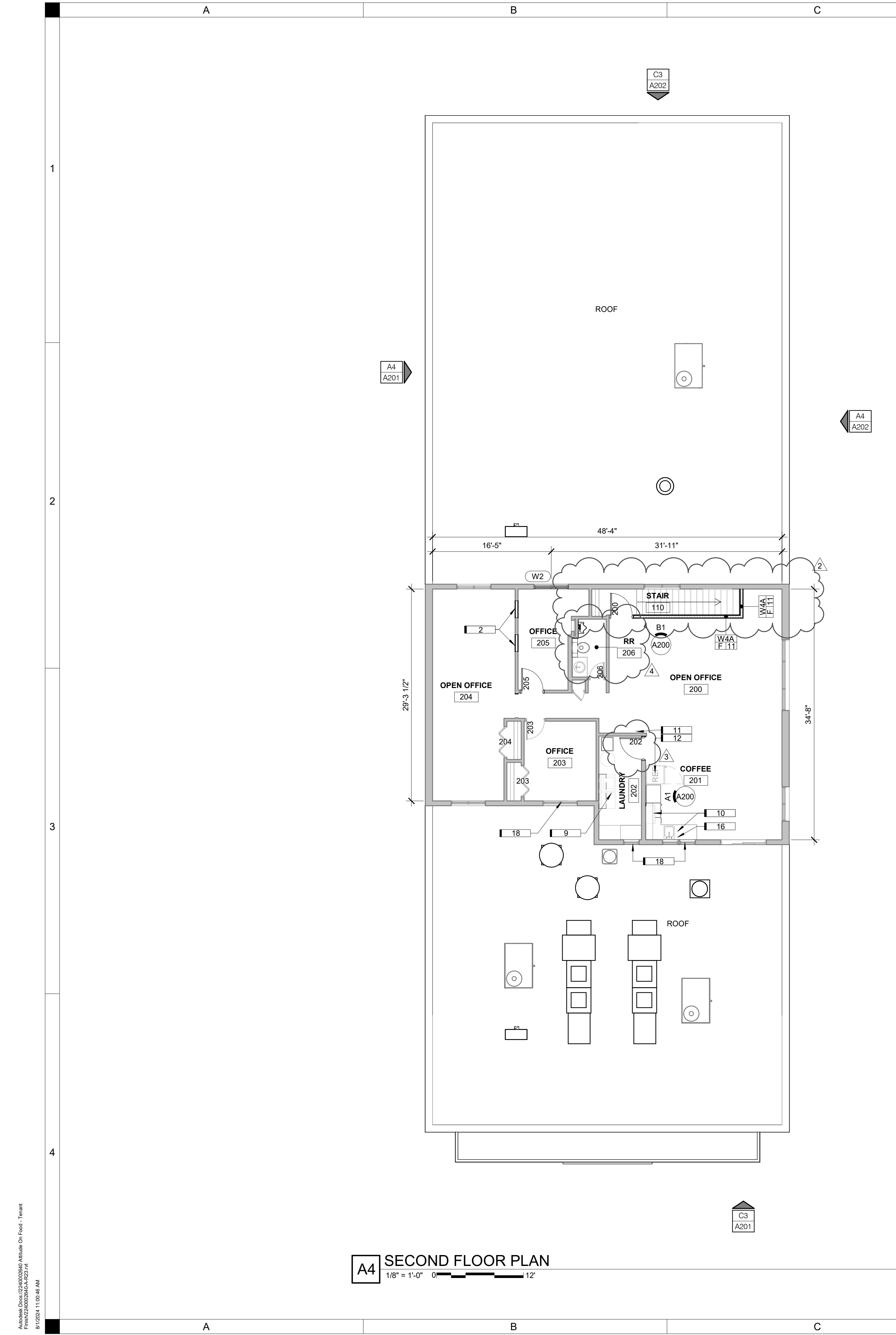
2024.06.17 ASI-03
2024.07.31 ASI-04
Author Approved AOP
2024.04.05
PROJECT NUMBER 2240002640
FIELD BOOK

DEMOLITION PLANS

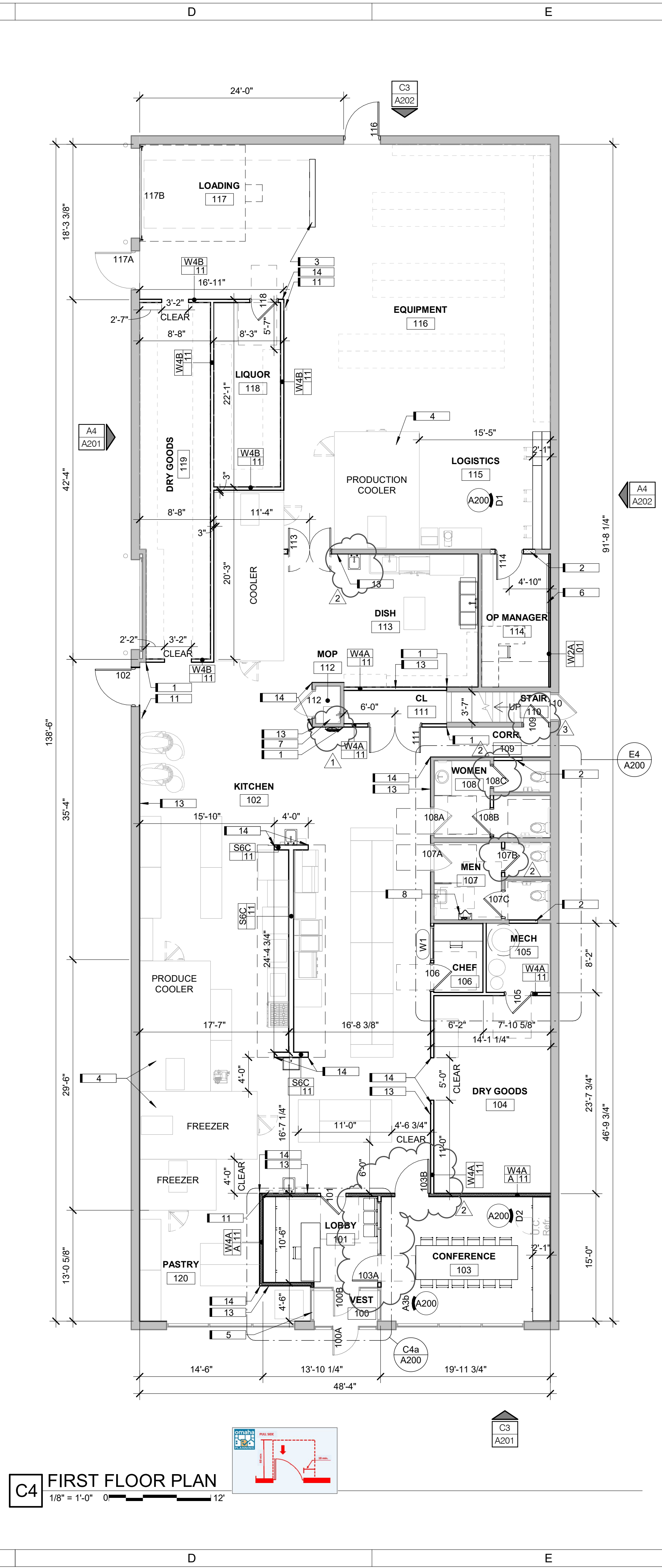
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A4 SECOND FLOOR PLAN
1/8" = 1'-0" 0" 12"

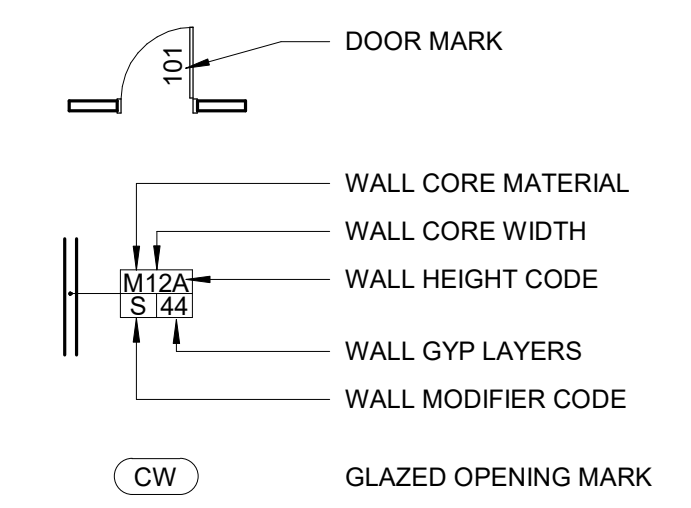


C4 FIRST FLOOR PLAN
1/8" = 1'-0" 0" 12"

FLOOR PLAN NOTES

- COORDINATE THE LOCATION OF ALL WALL REINFORCEMENT AND BLOCKING PRIOR TO THE INSTALLATION OF THE DRYWALL AND MILLWORK. PROVIDE BLOCKING FOR TOILET ACCESSORIES, GRAB BARS, HANDRAILS, COAT HOOKS, SHELVING, FITTING ROOM PARTITIONS, WALL-MOUNTED EQUIPMENT, SURFACE-MOUNTED STANDARDS OR FIXTURES, MILLWORK, ETC., AS REQUIRED FOR ANCHORING IN DRYWALL PARTITIONS. COORDINATE WITH OWNER FOR LOCATIONS OF WALL HUNG DEVICES NOT INSTALLED BY CONTRACTOR THAT REQUIRE BLOCKING. WOOD BLOCKING TO BE FIRE RETARDANT WHERE REQUIRED BY CODE.
- WATER-RESISTANT GYPSUM BOARD SHALL BE USED FOR STUD PARTITIONS IN TOILET ROOMS, JANITOR'S CLOSETS, FIRE SERVICE ROOMS, MECHANICAL ROOMS, AND ANY ADDITIONAL LOCATIONS DESIGNATED IN CONTRACT DOCUMENTS.
- WHERE STRUCTURAL ELEMENTS INTERFERE WITH FIRE-RATED PARTITIONS, FRAME TOP OF WALL AROUND STRUCTURAL ELEMENT.
- REFER TO DRAWINGS OF ALL TRADES FOR ADDITIONAL INFORMATION REGARDING ITEMS PENETRATING FLOORS, WALLS, AND CEILINGS.
- ALL NEW PARTITIONS ARE DIMENSIONED TO FACE OF STUD, MASONRY, OR CONCRETE COMPONENT UNLESS NOTED OTHERWISE. DIMENSIONS TO EXISTING ELEMENTS ARE TO EXPOSED FACE.
- ALL DOORS IN STUD WALL CONSTRUCTION ARE TO BE LOCATED WITH EDGE OF FRAME 4" FROM FACE OF ADJACENT PARTITION UNLESS NOTED OTHERWISE. DIMENSIONS LOCATING DOORS NOT DIRECTLY ADJACENT TO WALLS ARE GIVEN TO OUTSIDE EDGE OF FRAME.
- SEE EQUIPMENT PLAN FOR LAYOUT OF KITCHEN EQUIPMENT, DETAILS.

FLOOR PLAN SYMBOLS LEGEND



KEYNOTES

KEY	NOTE
1	ALIGN NEW WALL TO EXISTING CONSTRUCTION.
2	INFILL EXISTING WALL WHERE DOOR WAS REMOVED.
3	CONCRETE OR COMPOSITE CURB STOP. 8'-0" WIDE, CENTER ON GARAGE. F.V. FINAL LOCATION.
4	WALK-IN FROM PREVIOUS LOCATION. COORDINATE RELOCATION W/ OWNER.
5	APPLY OPAQUE FILM TO WINDOW. 3M FASARA GLASS FINISH OR EQUAL. VERIFY FINISH W/ OWNER.
6	ELECTRICAL PANELS - SEE MEP
7	EXISTING MOP SINK TO REMAIN.
8	MOVE EXISTING URINAL WEST TO ALLOW FULL DOOR SWING AND CLEARANCE OF STALL DOOR. FIELD VERIFY EXISTING LOCATION OF URINAL.
9	EXISTING WASHER AND DRYER TO REMAIN.
10	INFILL CABINET WHERE DISH WASHER AND RANGE WERE REMOVED. RE-USE DEMO'D CABINETS FROM EXISTING PENINSULA IF POSSIBLE. AT RANGE, MOVE CABINETS. SEE ELEVATION.
11	FIRE EXTINGUISHER CABINET
12	MOVE EXISTING REF. TO THIS WALL.
13	FRP AT ALL KITCHEN WALLS EXCEPT THOSE WALLS COVERED BY COOLERS & FREEZERS. TEXTURED FINISHED, TYP.
14	PROVIDE CORNER GUARD AT ALL KITCHEN AND EQUIPMENT CORNERS, TYP.
16	EXISTING CASEWORK TO REMAIN.
18	EXISTING WINDOWS TO BE MADE IN-OPERABLE BY ADDING A BLOCK TO JAMB AND CAULKING WINDOW SHUT.

SHIVE-HATTERY
ARCHITECTURE + ENGINEERING

SEAL

ARCHITECT
DAVID L. JOHNSON
A-3146
STATE OF NEBRASKA

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402.477.1666 | SHIVE-HATTERY.COM

Attitude On Food

Commercial - Catering Kitchen
7756 Cass Street
Omaha, NE 68114

2024.04.17	AS-01
2024.05.24	AS-02
2024.06.17	AS-03
2024.07.31	AS-04

Author	2024.04.17
Approver	2024.05.24
ADP	2024.04.05
PROJECT NUMBER	2240002640
FIELD BOOK	

FLOOR PLANS

A101

Autodesk Docs: 7240002640 Attitude On Food - Tenant
Filename: 2240002640 A101.rvt
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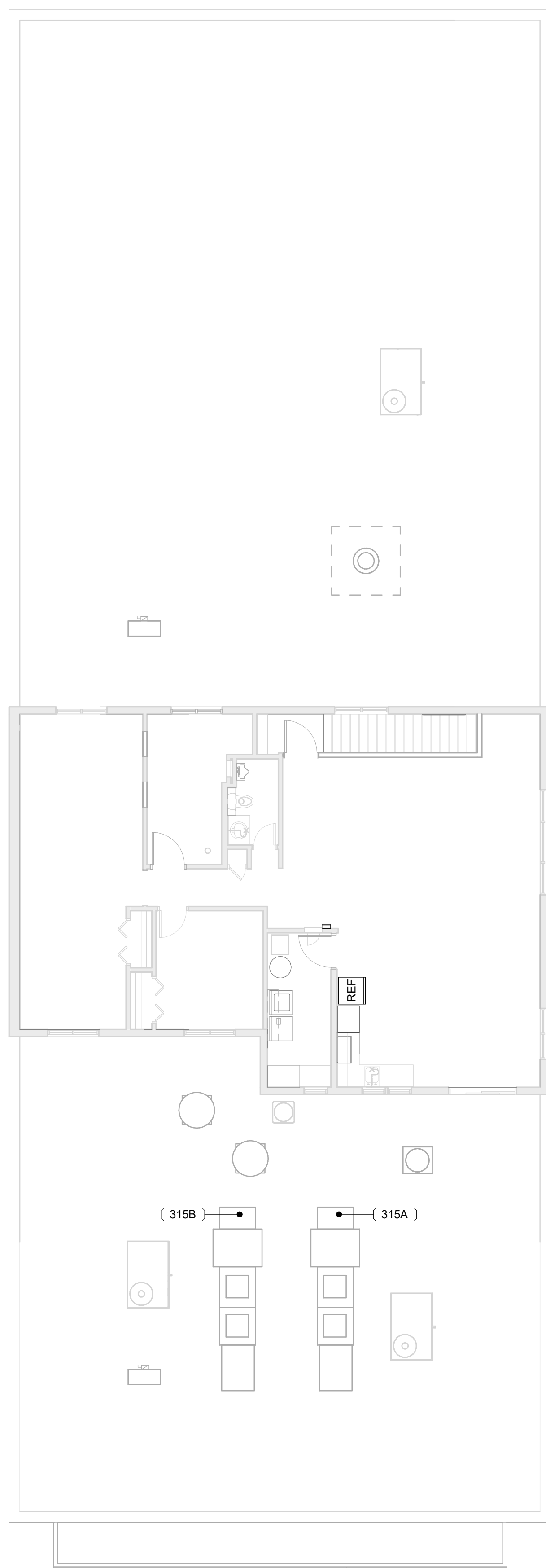
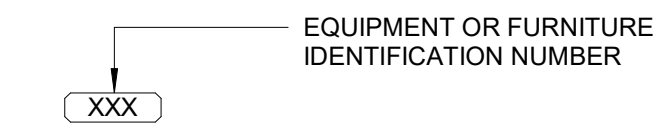
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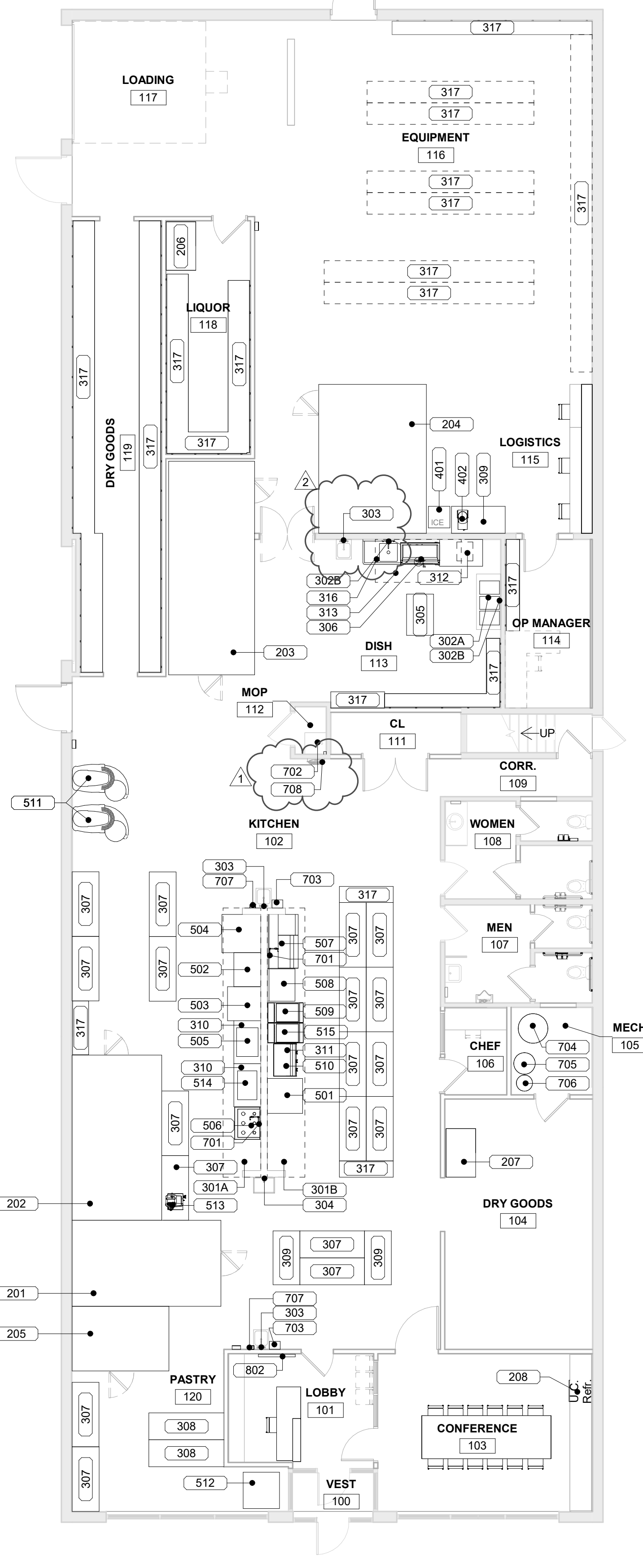
FURNITURE OR EQUIPMENT PLAN NOTES

- 1. COORDINATE SCHEDULING OF OWNER-PROVIDED ITEMS WITH OWNER AND SUPPLIER.
- 2. VERIFY ALL MANUFACTURING INFORMATION WITH OWNER.
- 3. CONFIRM ITEMS TO BE RELOCATED FROM PREVIOUS LOCATION WITH OWNER.

EQUIPMENT PLAN SYMBOLS LEGEND



A4 SECOND FLOOR FFE PLAN
1/8" = 1'-0" 0 12'



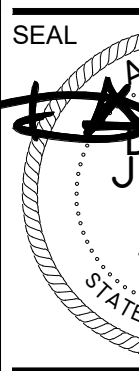
B4 FIRST FLOOR FFE PLAN
1/8" = 1'-0" 0 12'

FIXTURE AND EQUIPMENT SCHEDULE -

MARK	QTY	DESCRIPTION	MANUFACTURER & MODEL	EXIST	NEW	REMARKS
200 - REFRIGERATION						
201	1	WALK-IN FREEZER	8'-0" X 14'-0" FREEZER, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
202	1	WALK-IN COOLER	8'-4" X 15'-6" PRODUCE COOLER, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
203	1	WALK-IN COOLER	LEER INC. 20'-0" X 8'-0" X 7'-6" WALK-IN COOLER		X	
204	1	WALK-IN COOLER	10'-0" X 14'-0" PRODUCTION COOLER, BY OWNER	X		MOVE FROM PREVIOUS LOCATION
205	1	WALK-IN FREEZER	6'-2" X 9'-0" FREEZER, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
206	1	REACH IN FREEZER	VERIFY WITH OWNER	X		MOVE FROM PREVIOUS LOCATION
207	1	REACH IN REFRIGERATOR	VERIFY WITH OWNER	X		MOVE FROM PREVIOUS LOCATION
208	1	UNDERCOUNTER REFRIGERATOR	VERIFY WITH OWNER		X	
300 - SST/FABRICATED EQUIPMENT						
301A	1	HOOD-1, TYPE 1 KITCHEN HOOD & FAN	HOODMART - 1348HBSP-TEMP		X	
301B	1	HOOD-1, TYPE 1 KITCHEN HOOD & FAN	HOODMART - 1348HBSP-TEMP		X	
302A	1	3 COMPARTMENT SINK	VERIFY WITH OWNER		X	
302B	2	SPRAYER FAUCET	VERIFY WITH OWNER		X	
303	3	HAND SINK	ADVANCE/TABCO - 7-PS-30		X	
304	1	TRAUFF SINK	VERIFY WITH OWNER		X	
305	1	SST DISH TABLE	VERIFY WITH OWNER		X	
306	1	DISHWASHER	AMERICAN DISH SERVICES - ADC-44		X	
307	18	SST WORK TABLE - 6'-0"	VERIFY WITH OWNER	X		MOVE FROM PREVIOUS LOCATION, PURCHASE NEW AS REQ.
308	2	SST WORK TABLE - 7'-0"	VERIFY WITH OWNER	X		MOVE FROM PREVIOUS LOCATION, PURCHASE NEW AS REQ.
309	3	SST WORK TABLE - 5'-0"	VERIFY WITH OWNER	X		MOVE FROM PREVIOUS LOCATION, PURCHASE NEW AS REQ.
310	2	STEAMER BASE TABLE	VERIFY WITH OWNER	X	X	MOVE FROM PREVIOUS LOCATION, PURCHASE NEW AS REQ.
311	1	GRIDDLE BASE TABLE	VERIFY WITH OWNER	X		MOVE FROM PREVIOUS LOCATION
312	1	ELECTRIC BOOSTER HEATER	HUBBELL - J627R 6 GALLON COMPACT		X	
313	1	DISH HOOD, TYPE 2 & EXHAUST FAN	HOODMART		X	
314	1	NOT USED	NOT USED			
315A	1	MAKE UP AIR UNIT	HOODMART - AS		X	
315B	1	MAKE UP AIR UNIT	HOODMART - TS		X	
316	1	SOILED DISH TABLE/SINK	VERIFY WITH OWNER		X	
317	21	WIRE RACKS, SHELIVING	VERIFY WITH OWNER - SIZE VARIES	X	X	MOVE FROM PREVIOUS LOCATION, PURCHASE NEW AS REQ.
400 - BEVERAGE EQUIPMENT						
401	1	ICE MACHINE	VERIFY WITH OWNER	X		
402	1	ICE TEA MAKER	BUNN QUICK BREW	X		MOVE FROM PREVIOUS LOCATION
500 - COOKING EQUIPMENT						
501	1	OVEN - DOUBLE STACK (SET 1)	SUPERIOR OVEN SET, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
502	1	OVEN - DOUBLE STACK (SET 2)	SUPERIOR OVEN SET, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
503	1	OVEN - DOUBLE STACK (SET 3)	BLODGETT OVEN SET, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
504	1	OVEN - DOUBLE STACK - NEW	VULCAN - ABC7G-NAT		X	
505	1	STEAMER	24" VULCAN STEAMER, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
506	1	36" RANGE	VERIFY WITH OWNER		X	
507	1	STOVETOP/FLATTOP	60" GARLAND STOVETOP/FLATTOP, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
508	1	STOVETOP/RANGE	36" VULCAN STOVETOP, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
509	1	FRYER	KINTERA FRYER, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
510	1	GRILLTOP	36" SUPERIOR GRILL TOP, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
511	2	COMMERCIAL MIXER	MIXER, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
512	1	ELECTRIC OVEN	40.5" ELECTRIC OVEN, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
513	1	SLICER	SLICER, BY OWNER.	X		MOVE FROM PREVIOUS LOCATION
514	1	STEAMER	CLEVELAND - STEAMCHEF 6 - 22CET6.1		X	
515	1	FRYER	VERIFY WITH OWNER		X	
700 - MISCELLANEOUS						
701	2	WALL MOUNT POT FILLER	BRIZO		X	
702	1	MOP SINK	EXISTING	X		EXISTING MOP SINK TO REMAIN
703	2	PAPER TOWEL DISPENSER	SAN JAMAR LEVER ROLL TOWEL DISPENSER OR EQUIV.		X	
704	1	WATER HEATER	VERIFY WITH OWNER		X	
705	1	WATER SOFTENER - SALT CONTAINER	VERIFY WITH OWNER		X	
706	1	WATER SOFTENER	VERIFY WITH OWNER		X	
707	2	SOAP DISPENSER	ZEP		X	
708	1	WATER BOTTLE FILLING STATION, SURFACE MOUNT	ELKAY EZH20		X	
800 - ELECTRONIC DISPLAY						
802	1	VESTA BOARD	BY OWNER		X	

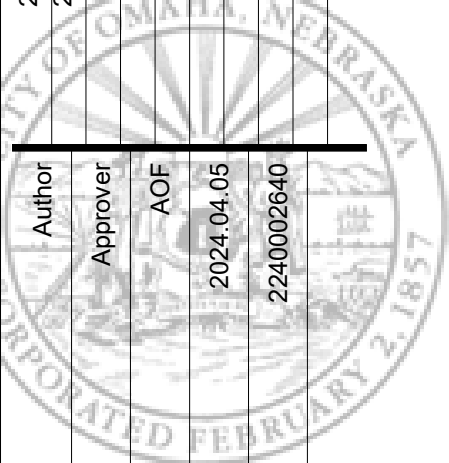
- 1. (701) MOUNT AT 66" TO CENTER OF FAUCET.
- 2. VERIFY RE-LOCATION OF EQUIPMENT FROM PREVIOUS LOCATION WITH OWNER.
- 3. VERIFY AMOUNT OF SST TABLES TO BE RELOCATED AND AMOUNT TO BE PURCHASED.

SHIVE-HATTERY ARCHITECTURE+ENGINEERING



Attitude On Food

2024.04.17 ASI-01
2024.05.24 ASI-02



DRAWN BY: Author
 APPROVED BY: Approver
 ISSUED FOR: AOF
 ISSUE DATE: 2024.04.05
 PROJECT NUMBER: 2240002640
 FIELD BOOK:

EQUIPMENT PLAN

A102

Autodesk Docs: 7240002640 Attitude On Food - Revit
 File: 2240002640 A102.rvt
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 Autodesk Revit 2023

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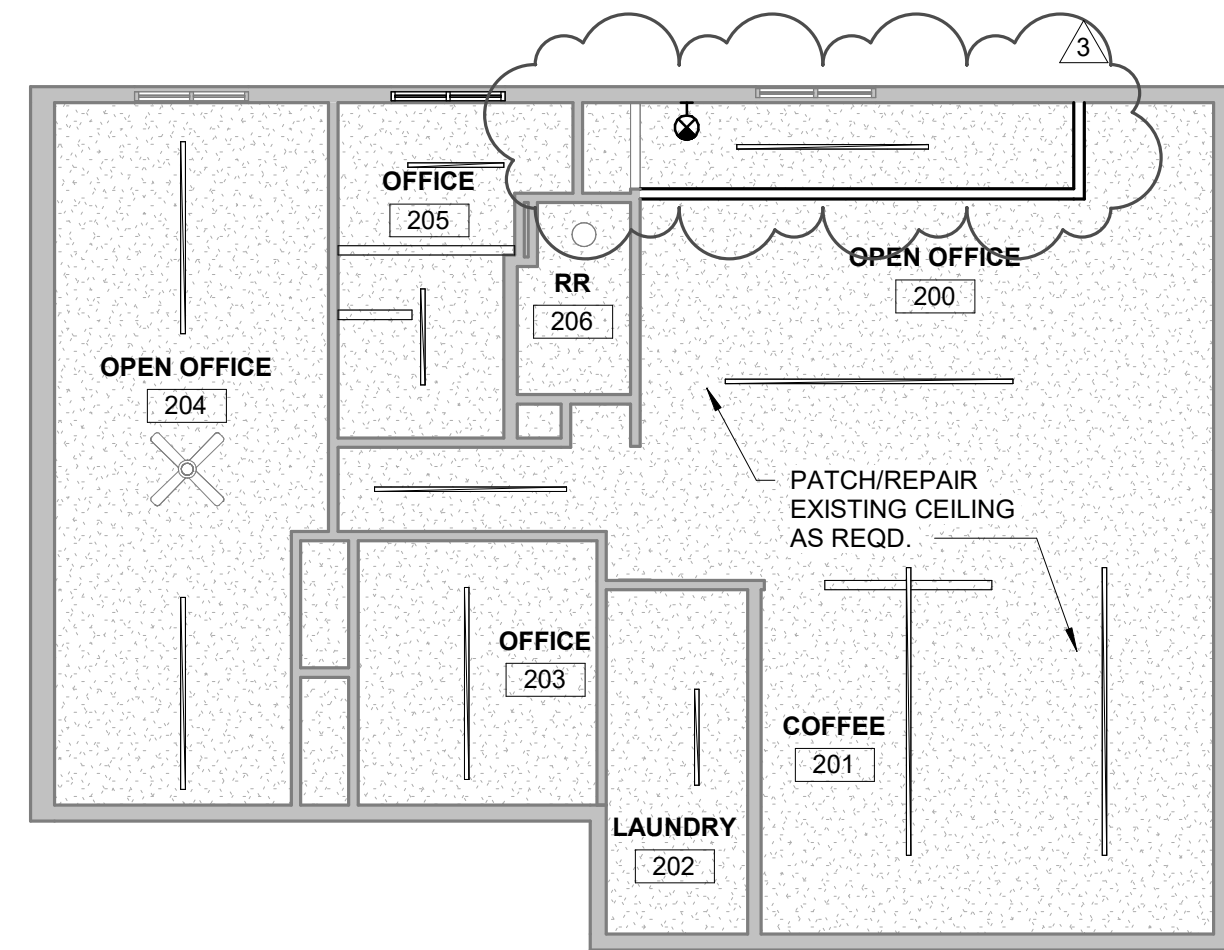
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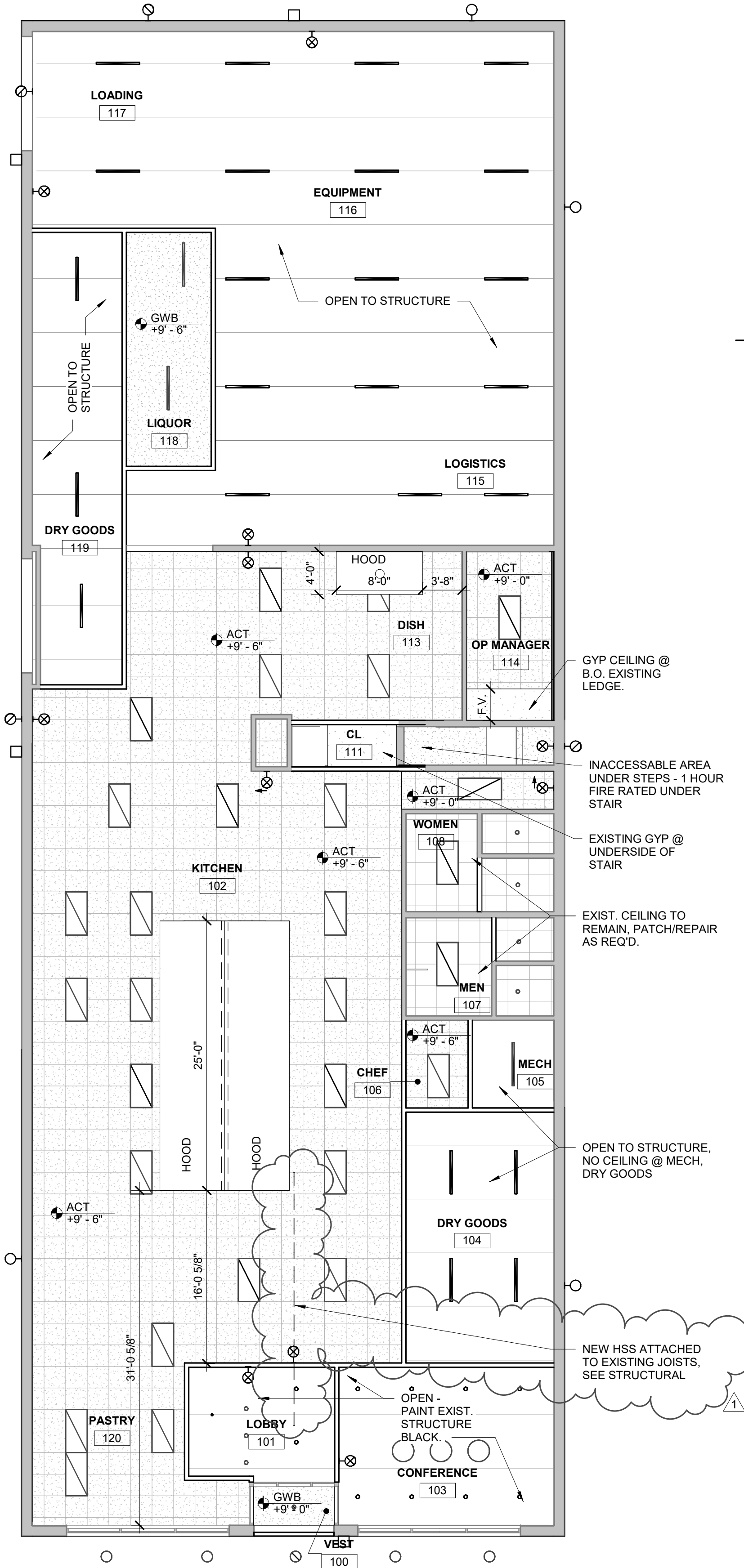
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B4 SECOND FLOOR
1/8" = 1'-0" 0" 12"



D4 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0" 0" 12"

CEILING PLAN NOTES

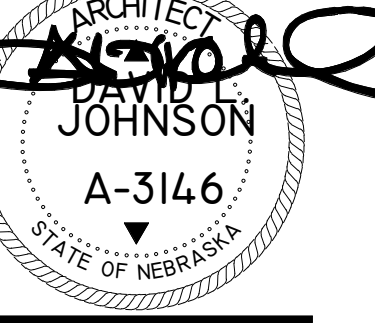
- NOTIFY ARCHITECT OF INADEQUATE CLEARANCES FOR CEILING LAYOUT PRIOR TO COMMENCING WORK.
- VERIFY LOCATIONS OF LIGHT FIXTURES, DIFFUSERS, ETC. WITH MEP. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION. REFER TO DRAWINGS AND SPECIFICATIONS OF ALL TRADES FOR SYSTEM DESIGN AND ADDITIONAL INFORMATION.
- COORDINATE WITH ALL TRADES TO CONFIRM THEIR WORK CAN BE INSTALLED TO ACHIEVE CEILING HEIGHTS AS SHOWN. TRADE PRIORITY SHALL BE AS FOLLOWS UNLESS DIRECTED OTHERWISE BY THE ARCHITECT.
 - ELECTRICAL LIGHTING FIXTURES
 - MECHANICAL GRILLES AND DIFFUSERS
 - MECHANICAL DUCTWORK
 - ELECTRICAL CONDUIT
 - PIPING SYSTEMS
- COORDINATE WITH ALL TRADES TO CONFIRM THE LOCATION OF ACCESS PANELS WITH ASSOCIATED INSTALLED EQUIPMENT. INFORM ARCHITECT OF PROPOSED LOCATIONS PRIOR TO INSTALLATION AND CONSTRUCTION OF NEW WORK.
- ALL CEILING LIGHT FIXTURES TO BE CENTERED ON CEILING PANELS UNLESS SHOWN OTHERWISE. GRID OR PANEL IS TO BE CENTERED IN ROOM UNLESS SHOWN AND DIMENSIONED OTHERWISE.

CEILING PLAN SYMBOLS LEGEND

- ACP-1
+8'-0" CEILING MATERIAL DESIGNATION
- CEILING HEIGHT
- PS ACCENT FINISH DESIGNATION
- GYP BOARD CEILING/ SOFFIT
- SEE MATERIAL FINISH LEGEND
- ACOUSTICAL CEILING PANEL SYSTEM
- ARMSTRONG KITCHEN ZONE OR EQUIV.
- SURFACE LIGHT
- RECESSED LIGHT
- SURFACE LIGHT
- SUSPENDED OR PENDANT LIGHT
- RECESSED LIGHT
- STRIP LIGHT
- COVE LIGHT
- ⊗ EXIT SIGN
- ⊗ ACCESS PANEL
- ⊗ RETURN AIR GRILLE
- ⊗ SUPPLY AIR DIFFUSER
- ⊗ EXHAUST AIR GRILLE
- ⊗ SPEAKER
- ⊗ SMOKE DETECTOR

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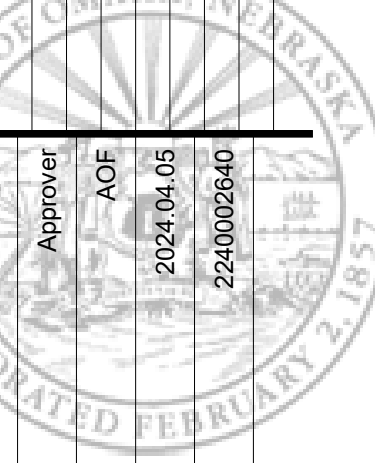


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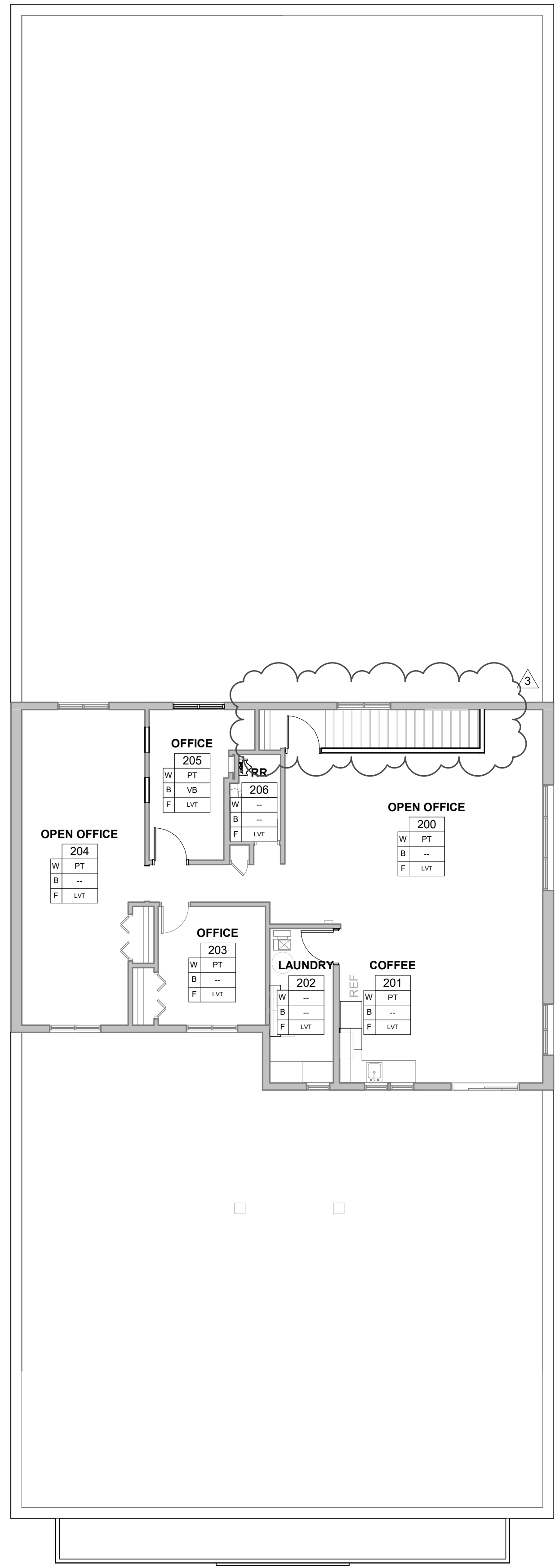
2024.04.17 ASI-01
2024.06.17 ASI-03



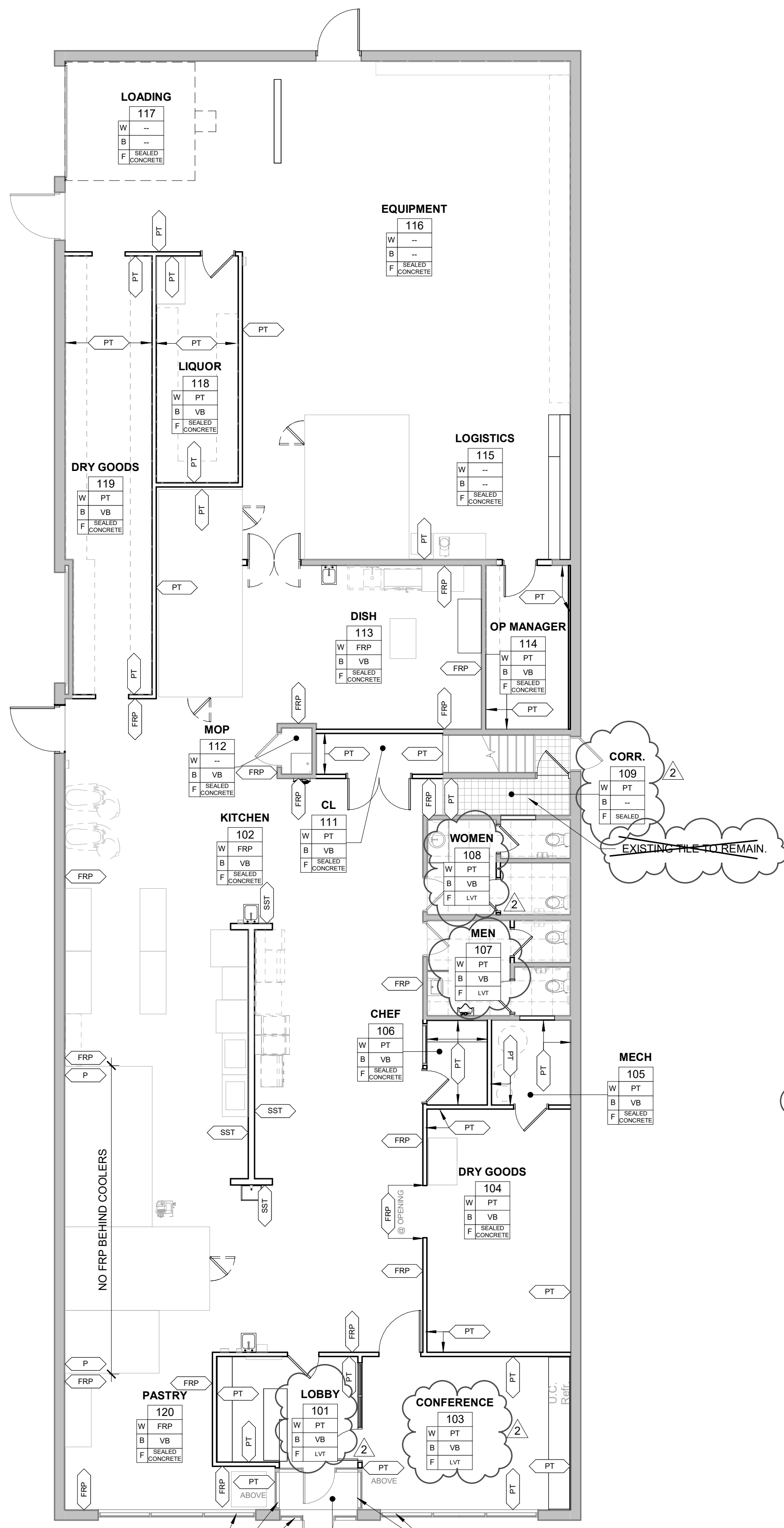
DRAWN BY	Author
APPROVED BY	Approver
ISSUED FOR	AOP
ISSUE DATE	2024.04.05
PROJECT NUMBER	2240002640
FIELD BOOK	

REFLECTED
CEILING PLAN

A103



A4 SECOND FLOOR FINISH PLAN
1/8" = 1'-0" 0" 12"



C4 FIRST FLOOR FINISH PLAN
1/8" = 1'-0" 0" 12"

- FINISH PLAN NOTES**
- ENSURE THAT SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE, AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH FINISH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. COMMENCEMENT OF WORK SHALL INDICATE INSTALLER'S ACCEPTANCE OF SUBSTRATE.
 - PREPARE EXISTING WALLS FOR NEW FINISHES CALLED FOR ON THE DRAWINGS.
 - PREPARE SUBFLOOR AS NECESSARY FOR APPLICATION OF NEW FLOOR FINISHES.
 - ALL CODE-REQUIRED LABELS SUCH AS "UL", "FACTORY MUTUAL", OR ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATING, NAME, OR NOMENCLATURE PLATES SHALL REMAIN READABLE AND NOT PAINTED OR COVERED BY OTHER CONSTRUCTION.
 - INSTALL PAINTABLE SEALANT AT ALL GAPS BETWEEN CASEWORK AND WALL UNLESS NOTED OTHERWISE.
 - GYPSUM WALLBOARD FINISHING SHALL BE DONE WITH LIGHTING CONDITIONS SIMULATING FINAL LIGHTING.
 - REFER TO REFLECTED CEILING PLANS FOR CEILING FINISHES AND HEIGHTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR LEVELING BETWEEN DISSIMILAR FLOOR FINISH MATERIALS AT ALL TRANSITIONS.
 - SUBMIT ALL SPECIFIED FINISHES FOR REVIEW AND APPROVAL BY OWNER PRIOR TO ORDERING.
 - ALL FLOORING TRANSITIONS AT DOORS SHALL BE CENTERED ON DOOR PANELS UNLESS NOTED OTHERWISE.
 - REFER TO REFLECTED CEILING PLANS FOR CEILING FINISHES AND HEIGHTS.

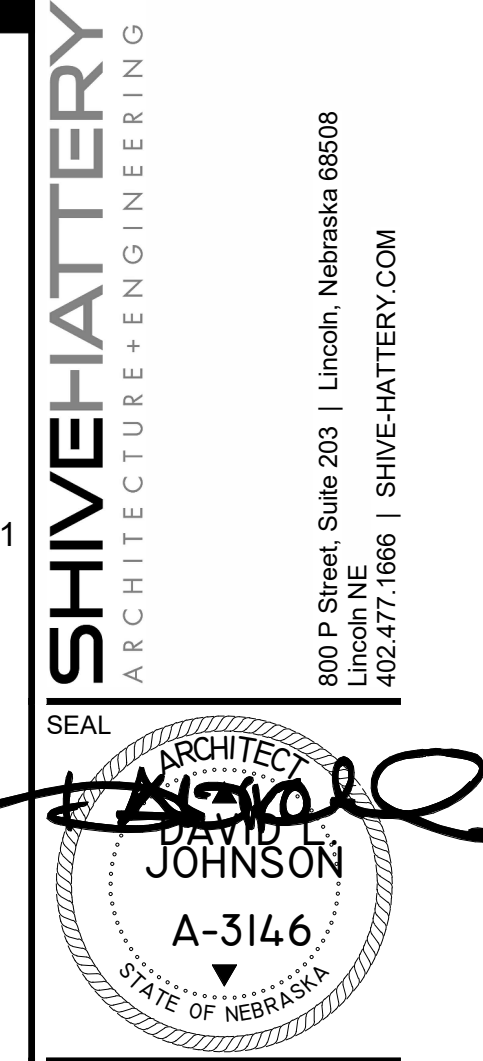
- FINISH PLAN LEGEND**
- PT PAINT
 - FRP FIBERGLASS REINFORCED POLYMER
 - SST STAINLESS STEEL PANELS
 - VB VINYL BASE

- FINISH PLAN SYMBOLS LEGEND**
- Room name
- 101 ROOM NUMBER
 - W WALL FINISH DESIGNATION
 - B WALL BASE DESIGNATION
 - F FLOOR FINISH DESIGNATION
 - R REMARKS (OPTIONAL)
- PT FINISH DESIGNATION
- LVT FLOOR FINISH DESIGNATION
- CT FINISH TRANSITION

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALL FINISH	MILLWORK FINISH	REMARKS
				HORIZONTAL	VERTICAL	
100	VEST	SEALED	VB	PT		
101	LOBBY	LVT	VB	PT	PLAM	PLAM
102	KITCHEN	SEALED	VB	FRP		
103	CONFERENCE	LVT	VB	PT	PLAM	PLAM
104	DRY GOODS	SEALED	VB	FRP		
105	MECH	SEALED	VB	PT		
106	CHEF	SEALED	VB	PT	PLAM	PLAM
107	MEN	LVT	VB	PT		
108	WOMEN	LVT	VB	PT		
109	CORR.	SEALED	VB	PT		
110	STAIR			EXISTING		
111	CL	SEALED	VB	PT		
112	MOP	SEALED	VB	PT		
113	DISH	SEALED	VB	FRP		
114	OP MANAGER	SEALED	VB	PT		
115	LOGISTICS	SEALED		EXISTING	PLAM	PLAM
116	EQUIPMENT	SEALED		EXISTING		
117	LOADING	SEALED		EXISTING		
118	LIQUOR	SEALED	VB	PT		
119	DRY GOODS	SEALED	VB	FRP		
120	PASTRY	SEALED	VB	FRP		
200	OPEN OFFICE	LVT				
201	COFFEE	LVT				
202	LAUNDRY	LVT				
203	OFFICE	LVT				
204	OPEN OFFICE	LVT				
205	OFFICE	LVT				
206	RR	LVT				
207	CL	LVT				

NOTE: VERIFY PAINT COLOR, LVT, CASEWORK FINISH W/ OWNER PRIOR TO INSTALLATION.



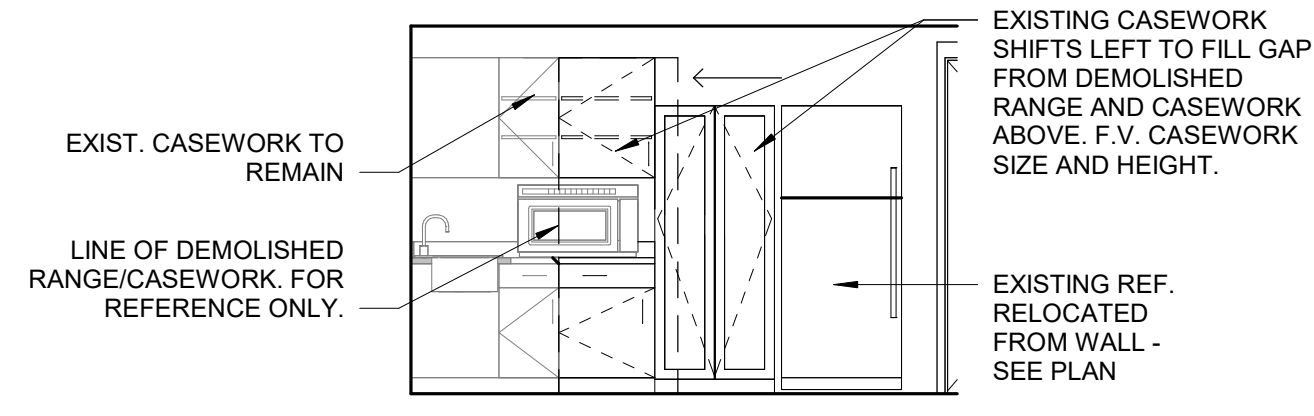
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7756 Cass Street
Omaha, NE 68114

2024.05.24 ASI-02
2024.06.17 ASI-03

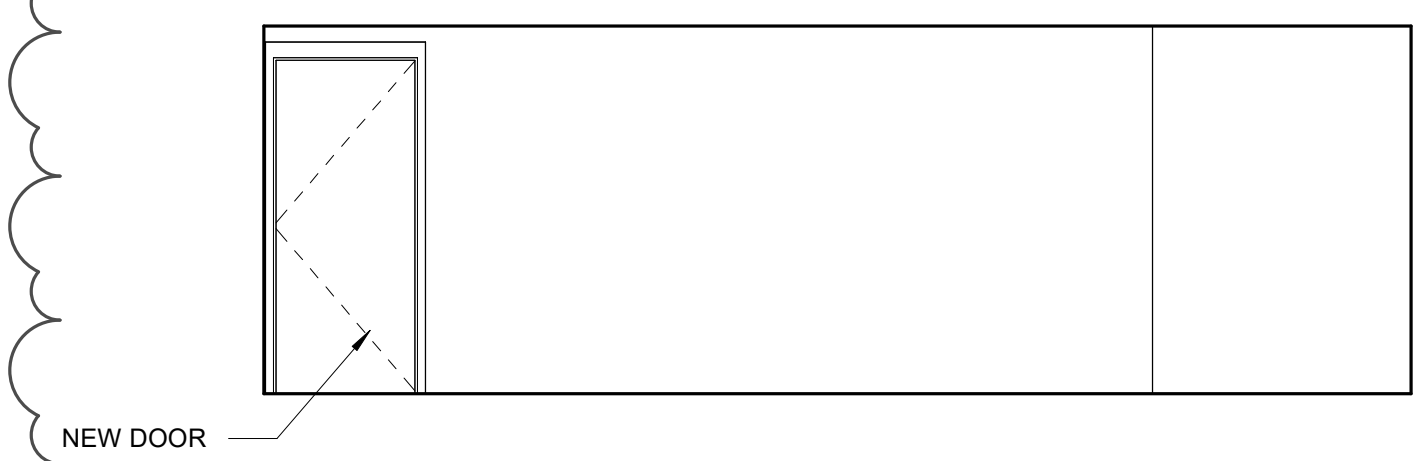
Author	Author
Approver	Approver
Issue Date	2024.04.05
Project Number	2240002640
Field Book	

FLOOR AND FINISH PLAN

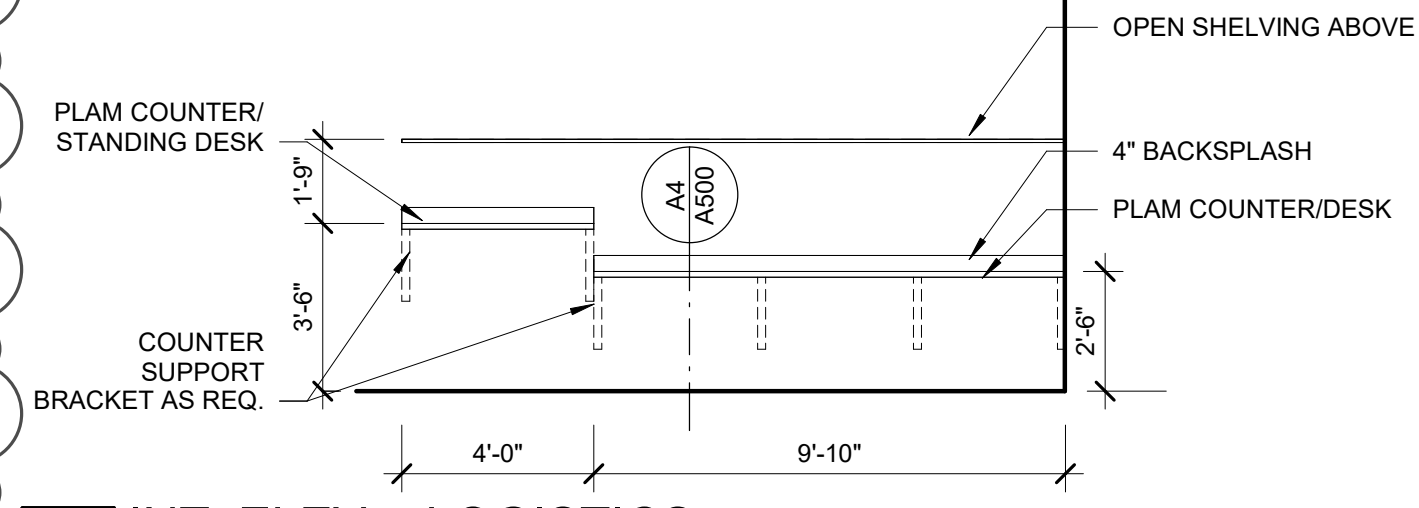
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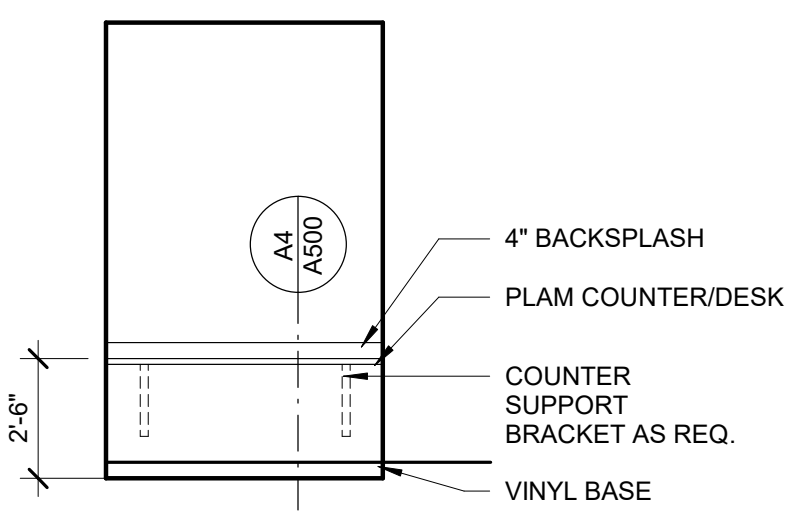
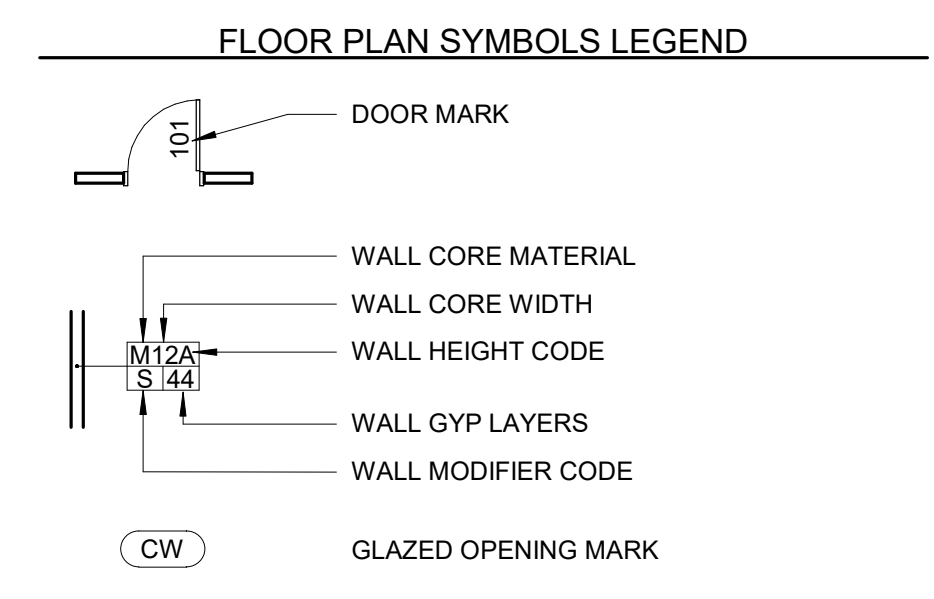
A1 INT. ELEV. - COFFEE
1/4" = 1'-0" 0' 6"



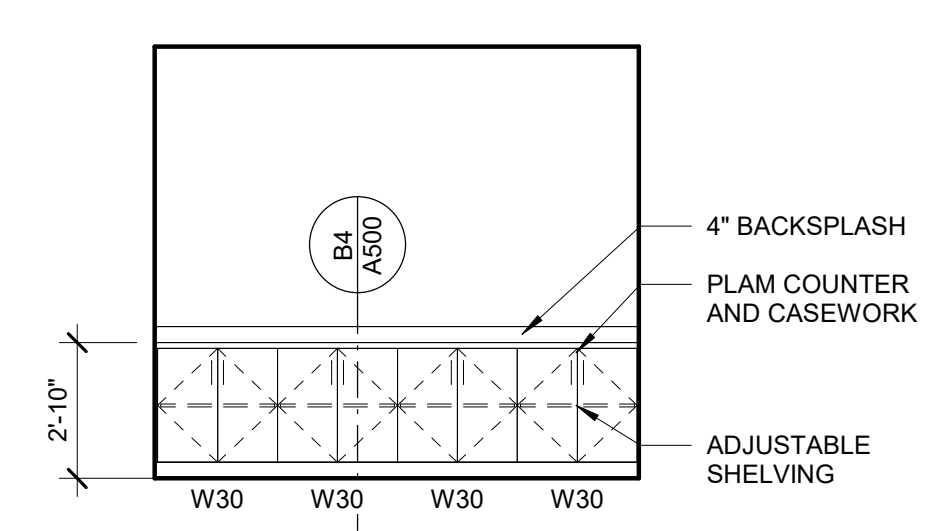
B1 INT. ELEV. - STAIR
1/4" = 1'-0" 0' 6"



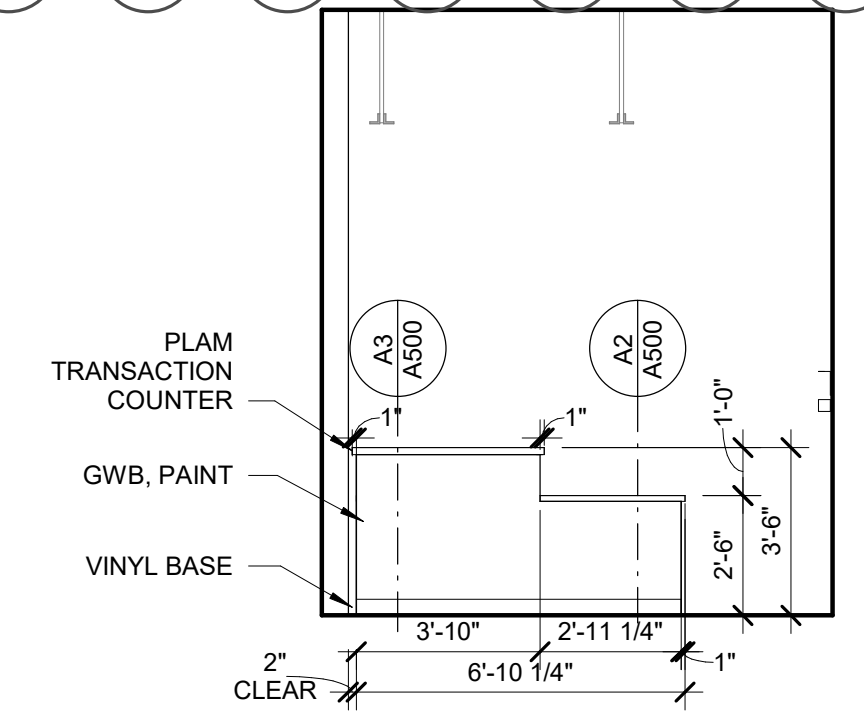
D1 INT. ELEV. - LOGISTICS
1/4" = 1'-0" 0' 6"



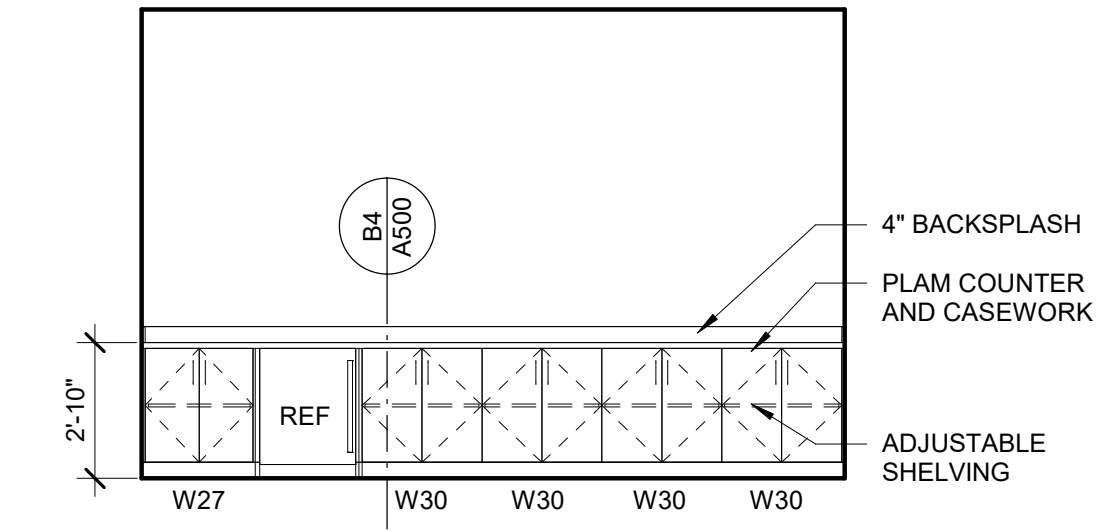
A2b INT. ELEV. - CHEF
1/4" = 1'-0" 0' 6"



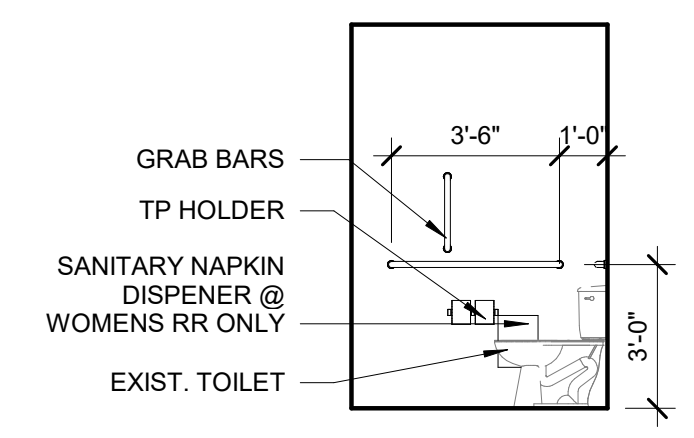
A2 INT. ELEV. - RECEPTION
1/4" = 1'-0" 0' 6"



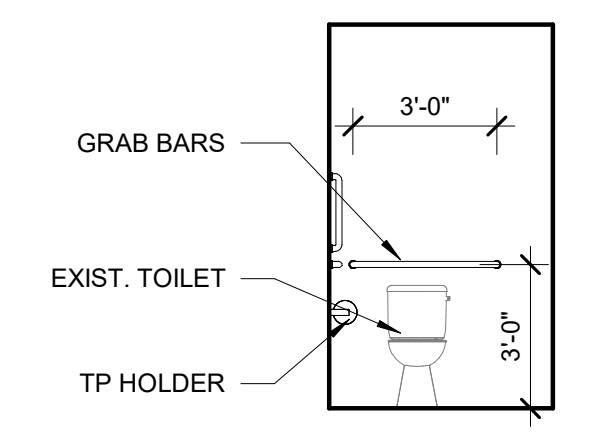
C2 INT. ELEV. - RECEPTION
1/4" = 1'-0" 0' 6"



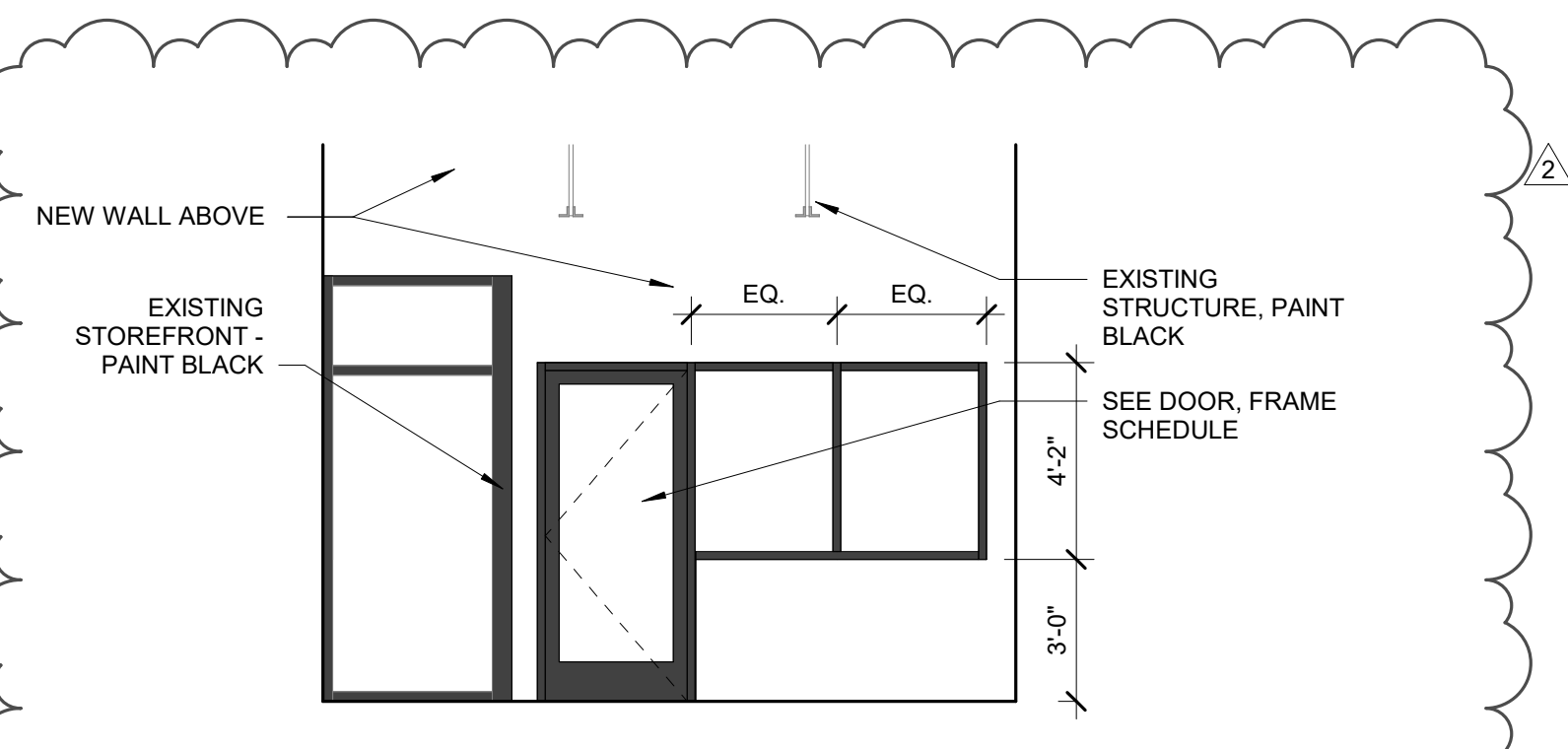
D2 INT. ELEV. - TASTING
1/4" = 1'-0" 0' 6"



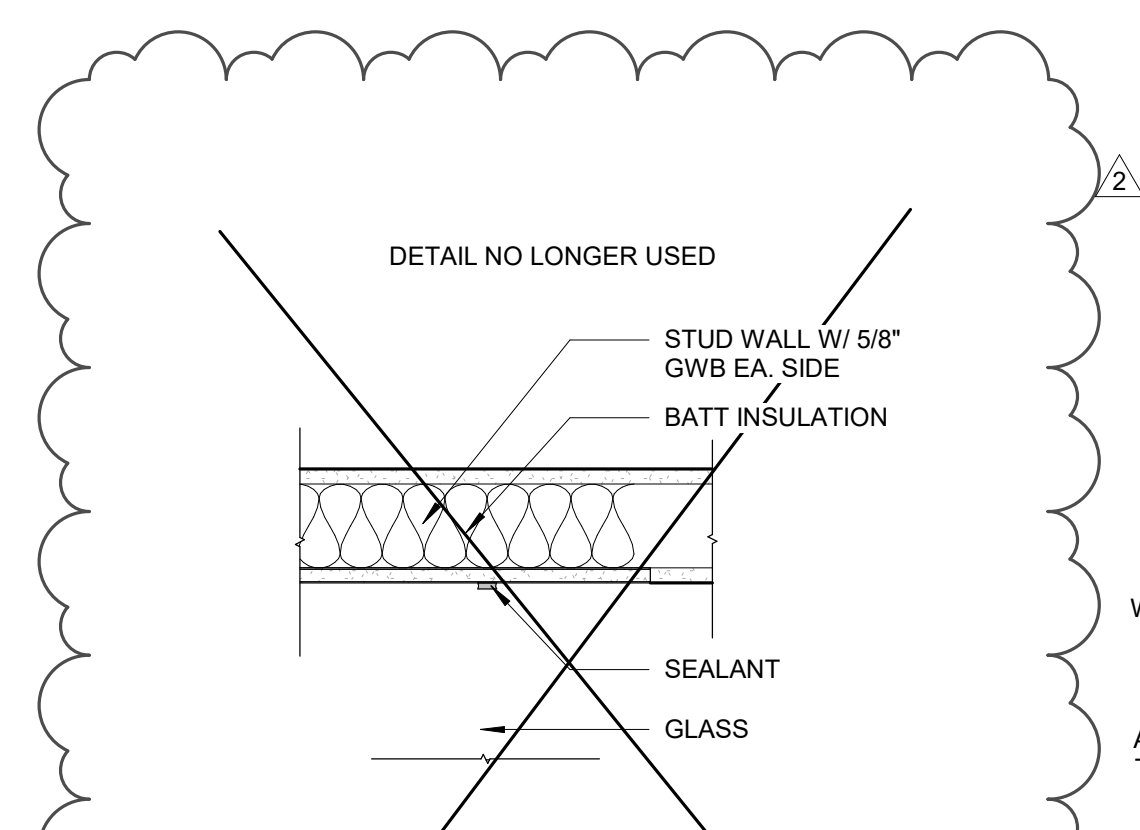
E2a INT. ELEV. - RR
1/4" = 1'-0" 0' 6"



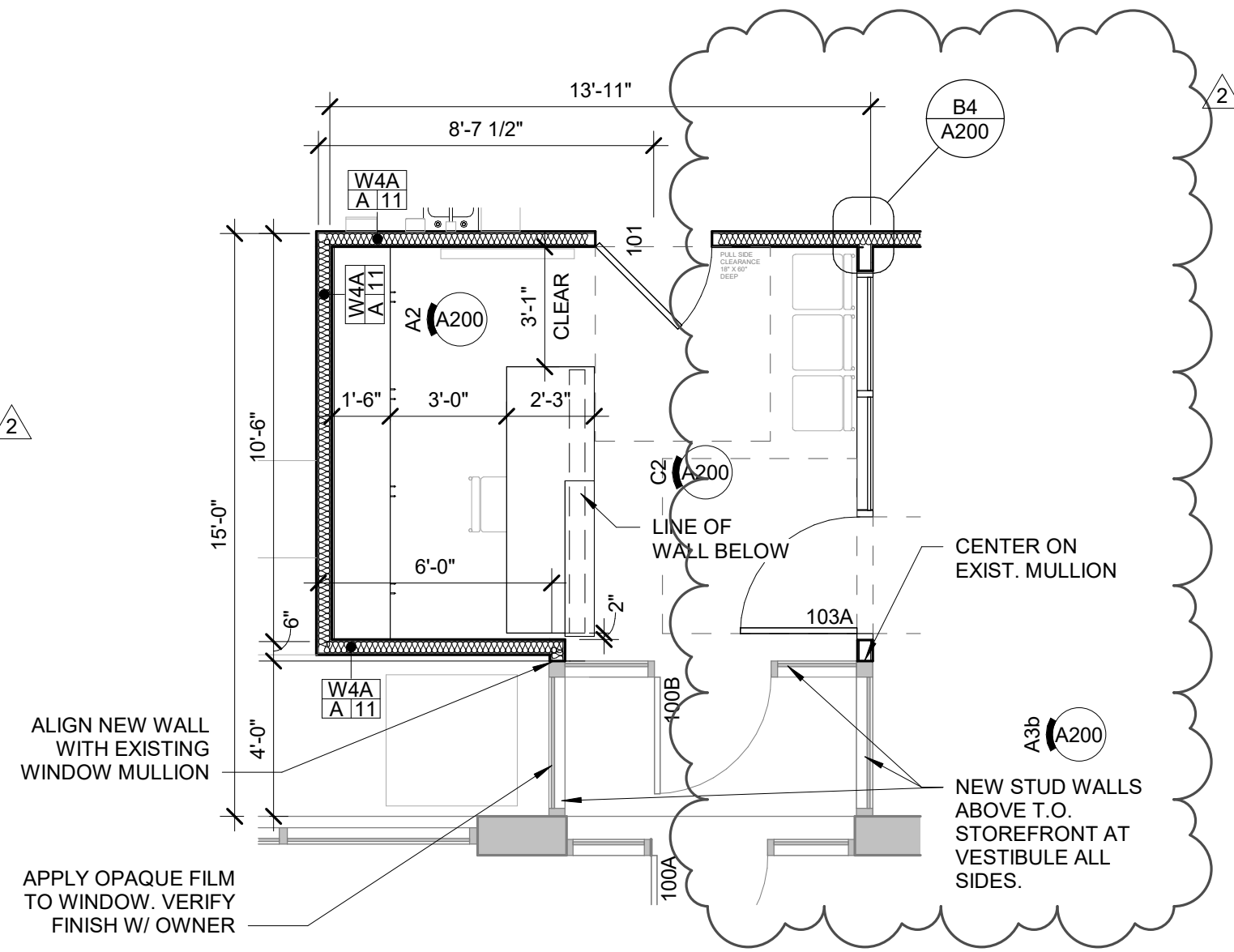
F2 INT. ELEV. - RR
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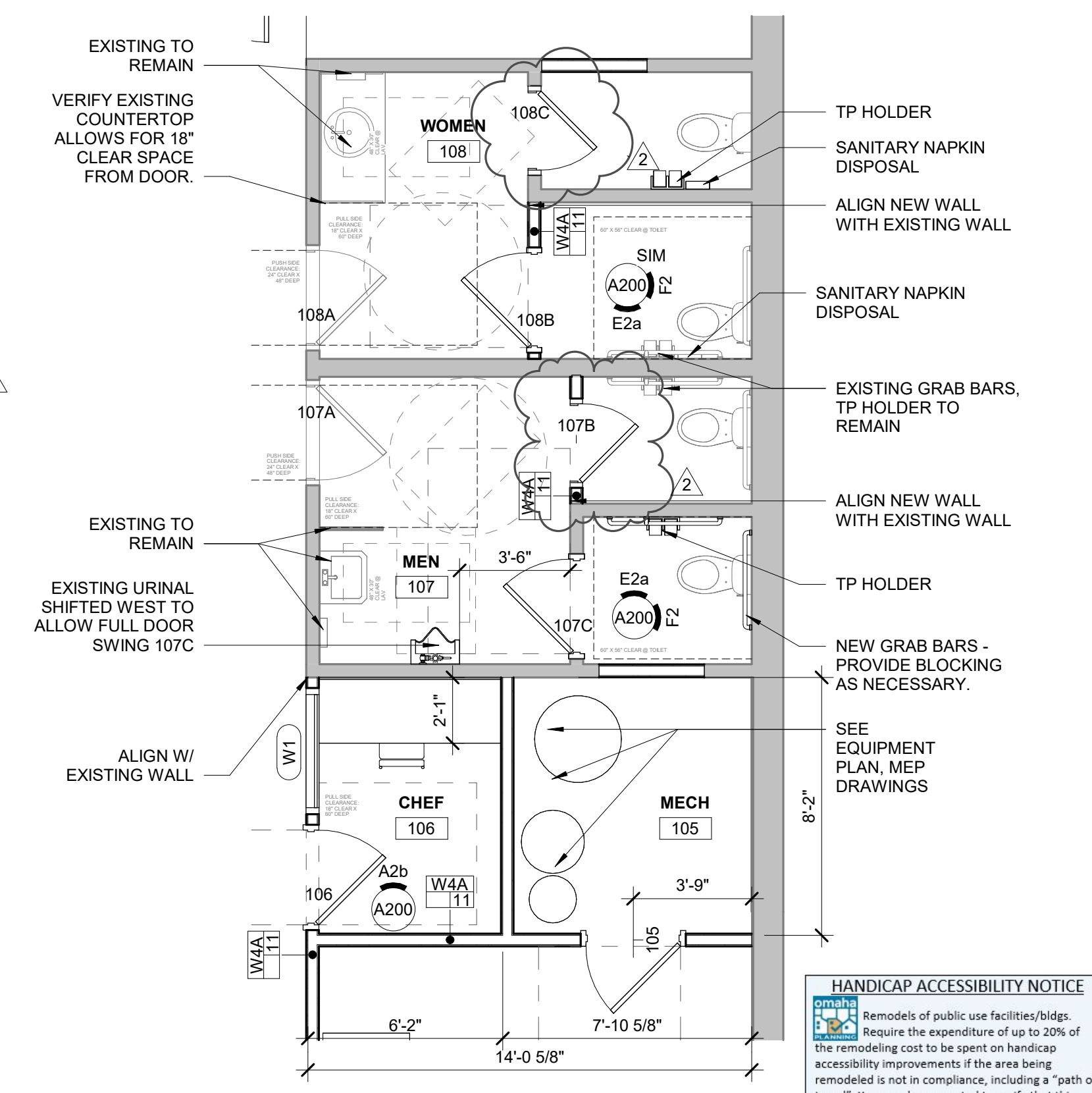
A3b INT. ELEVATION - CONFERENCE
1/4" = 1'-0" 0' 6"



B4 GLASS WALL DETAIL
1 1/2" = 1'-0" 0' 1"



C4a ENLARGED PLAN - RECEPTION
1/4" = 1'-0" 0' 6"



E4 ENLARGED PLAN - RESTROOMS
1/4" = 1'-0" 0' 6"

HANDICAP ACCESSIBILITY NOTICE
Remodels of public use facilities/bids require the expenditure of up to 20% of the remodeling cost to be spent on handicap accessibility improvements if the area being remodeled is not in compliance, including a "path of travel". You may be requested to verify that this requirement has been met. The City of Omaha has no authority to certify or enforce the "Americans with Disabilities Act."

2024.05.24	AS1-02	Author
2024.06.17	AS1-03	Approver
2024.04.05	AOP	ISSUED FOR
2024.04.05	2240002640	ISSUE DATE
		PROJECT NUMBER
		FIELD BOOK

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Filename: 2240002640_A200.rvt
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Autodesk Revit 2023

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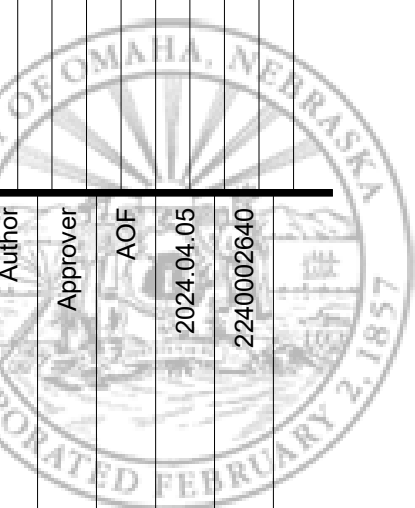
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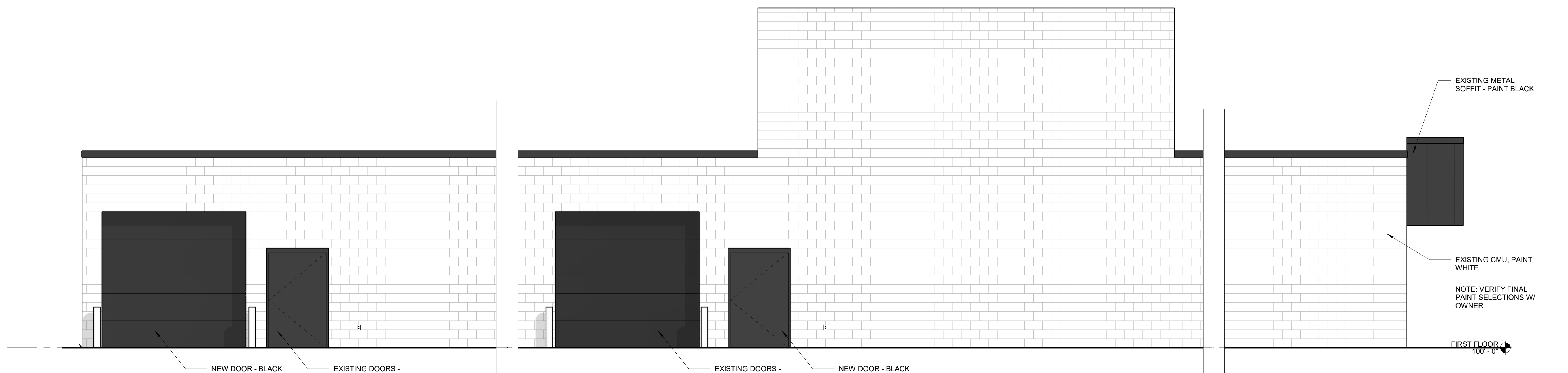
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Approver	AOF
ISSUED FOR	2024.04.05
ISSUE DATE	2240002640
PROJECT NUMBER	
FIELD BOOK	

EXTERIOR ELEVATIONS

A201



C3 EXT. ELEVATION - NORTH
1/4" = 1'-0" 0' 6"



A4 EXT. ELEVATION - WEST
1/4" = 1'-0" 0' 6"

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Autodesk Docs: 72240002640 Attitude On Food - Tenant
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E

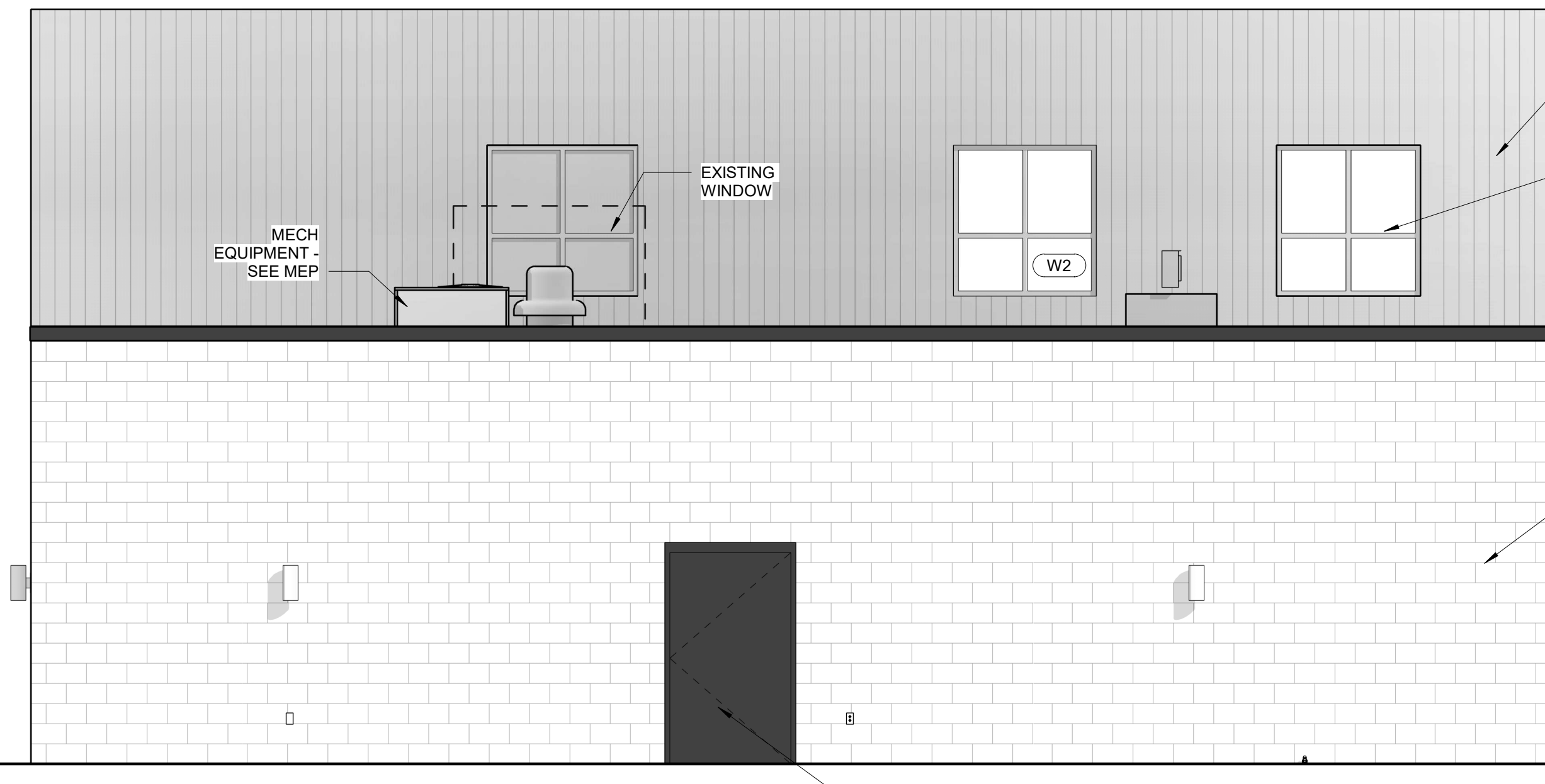
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1

2

3

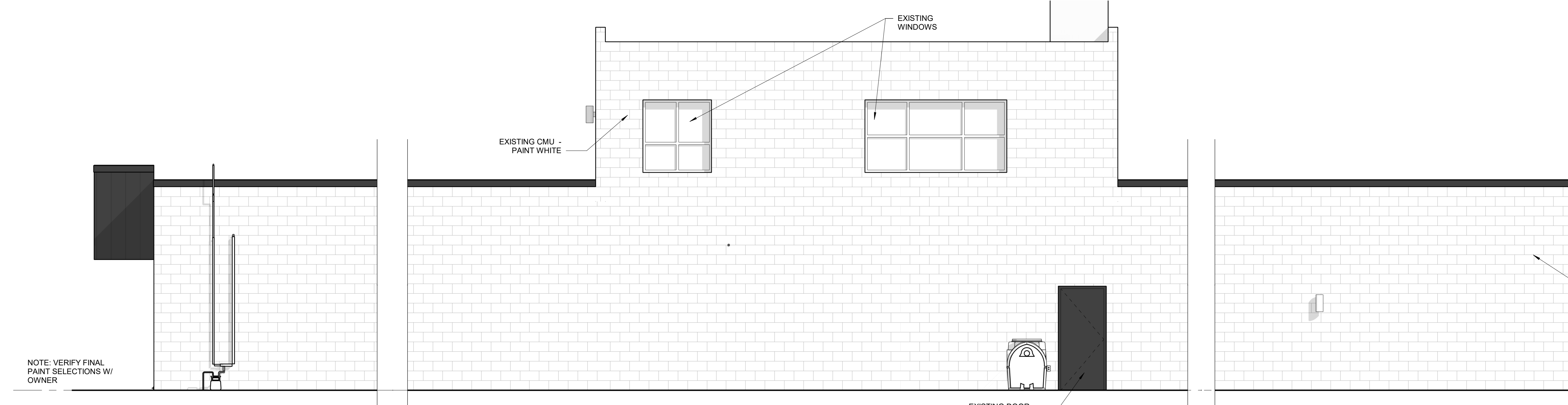
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C3 EXT. ELEVATION - SOUTH
 1/4" = 1'-0" 0' 6"

EXIST SIDING - PAINT WHITE
 EXISTING WINDOW
 MECH EQUIPMENT - SEE MEP
 EXISTING WINDOW
 W2
 EXISTING CMU - PAINT WHITE
 NOTE: VERIFY FINAL PAINT SELECTIONS W/ OWNER
 FIRST FLOOR 100'-0"

NEW DOOR - BLACK



A4 EXT. ELEVATION - EAST
 1/4" = 1'-0" 0' 6"

NOTE: VERIFY FINAL PAINT SELECTIONS W/ OWNER

EXISTING CMU - PAINT WHITE
 FIRST FLOOR 100'-0"

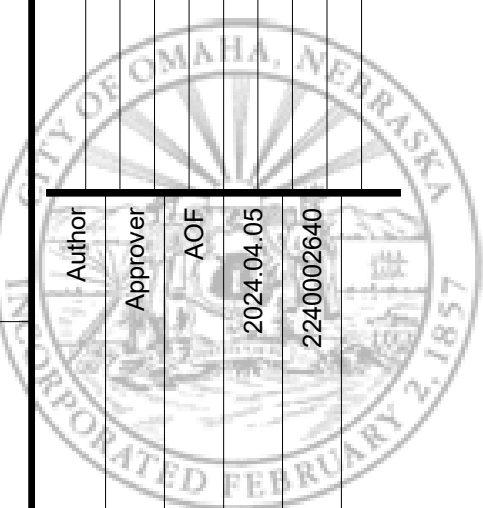
EXISTING DOOR - PAINT BLACK

SHIVE-HATTERY
 ARCHITECTURE+ENGINEERING

SEAL
 ARCHITECT
 DAVID L. JOHNSON
 A-3146
 STATE OF NEBRASKA

800 P Street, Suite 203 | Lincoln, Nebraska 68508
 Lincoln NE
 402.477.1666 | SHIVE-HATTERY.COM

Attitude On Food
 Commercial - Catering Kitchen
 7758 Cass Street
 Omaha, NE 68114



DRAWN BY	APPROVED BY	ISSUED FOR	ISSUE DATE	PROJECT NUMBER	FIELD BOOK
		AOP	2024.04.05	2240002640	

EXTERIOR ELEVATIONS

A202

Autodesk Docs: 7240002640 Attitude On Food - Tenant
 File: 2240002640 A202.rvt
 8/1/2024 11:03:03 AM

Autodesk Revit 2023

A

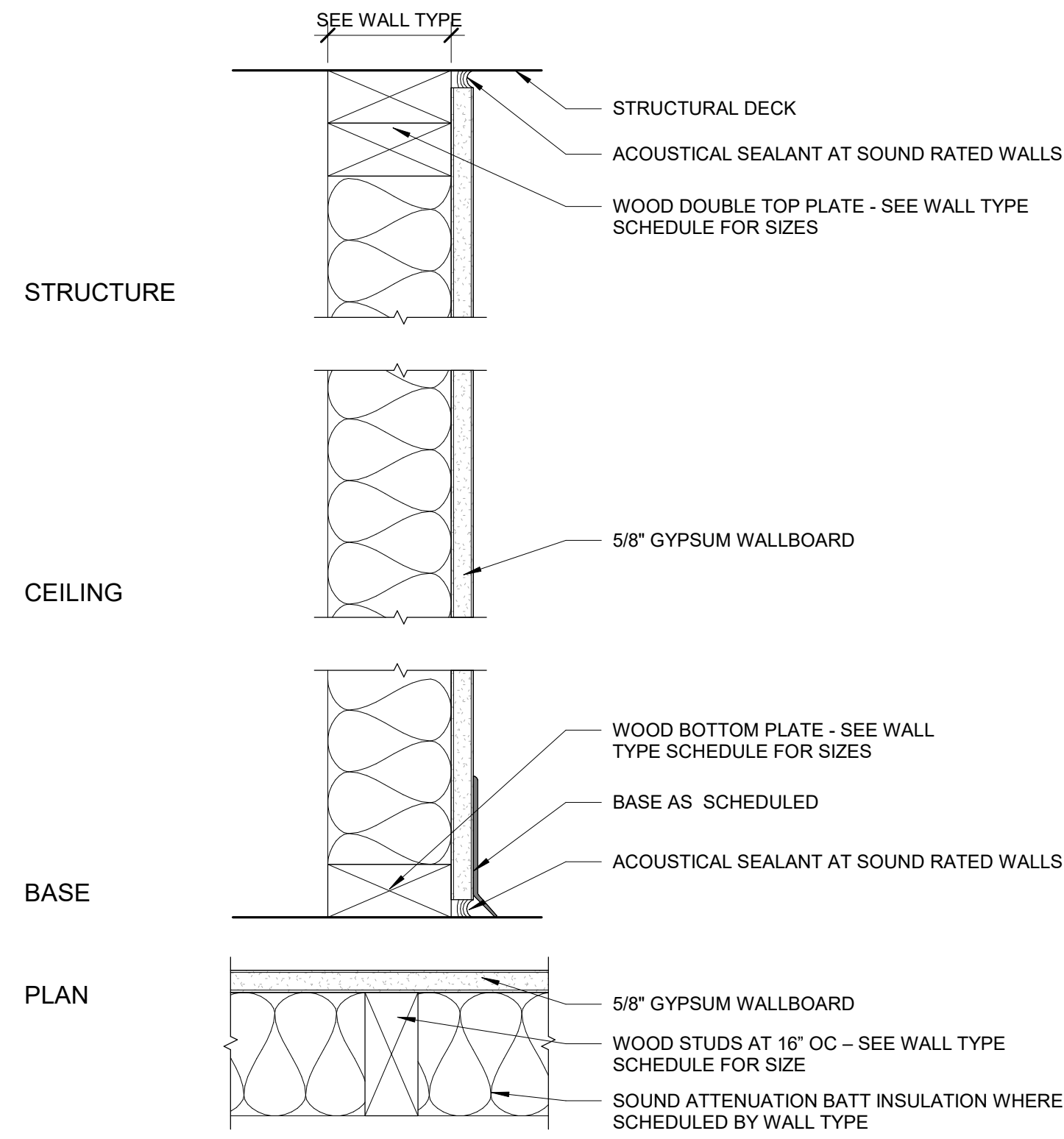
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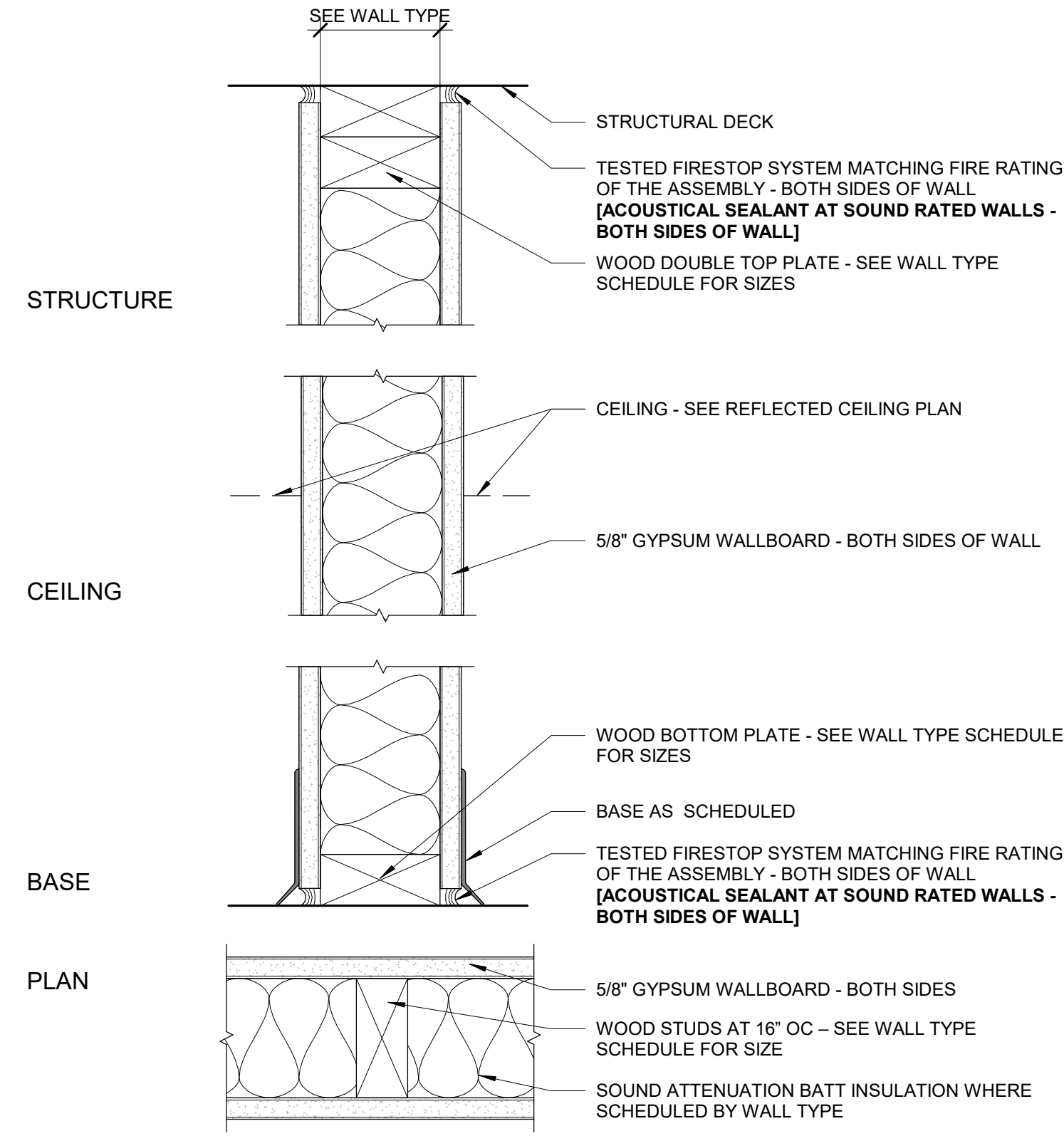
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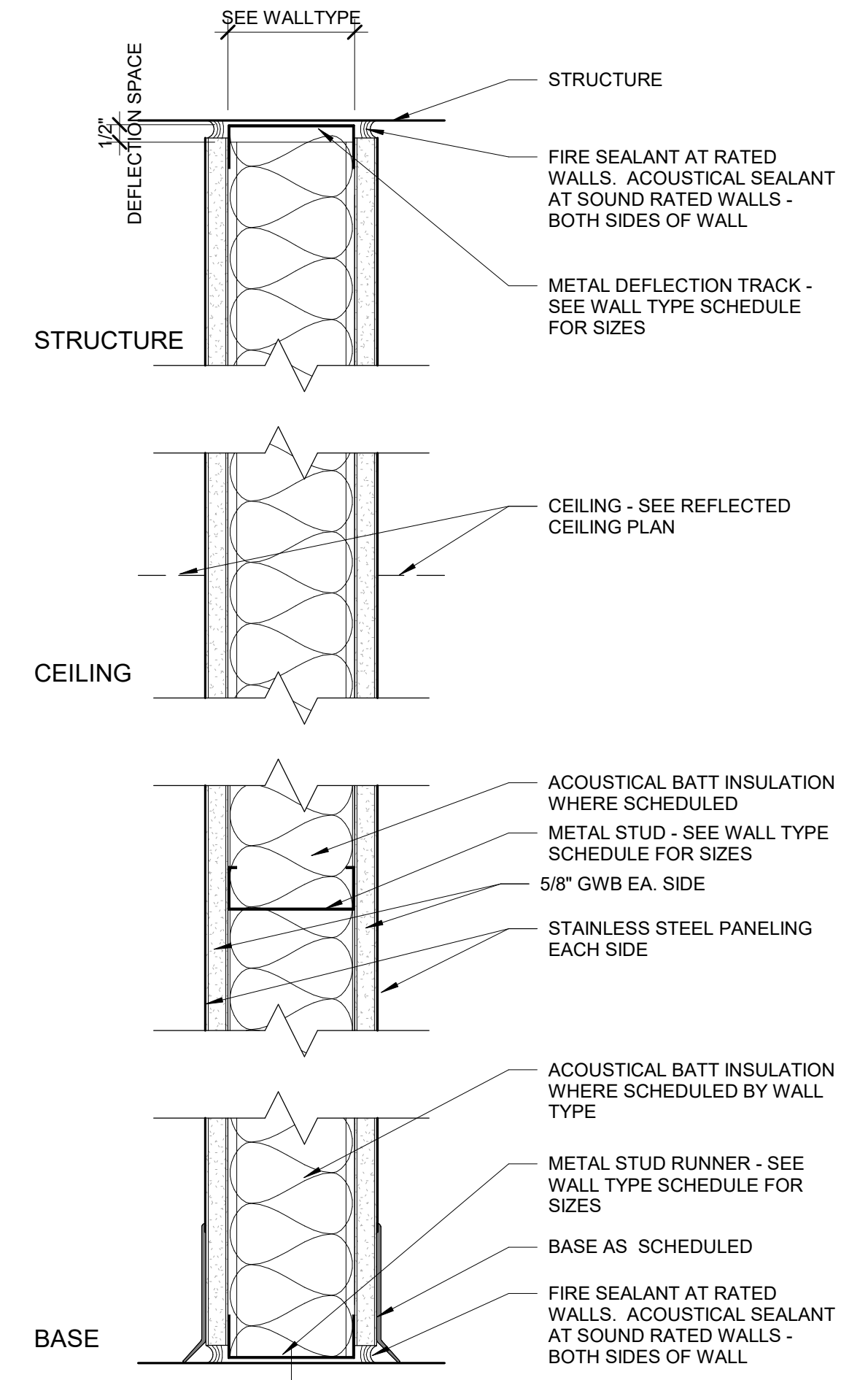
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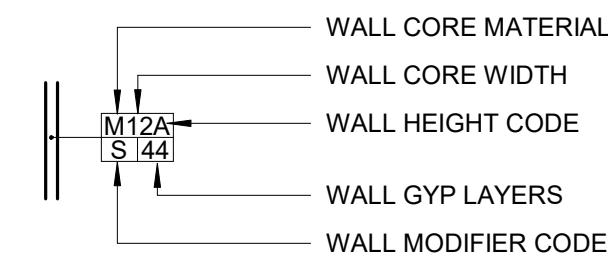
A3 WALL TYPE - W#A-01
3" = 1'-0" 0 6"



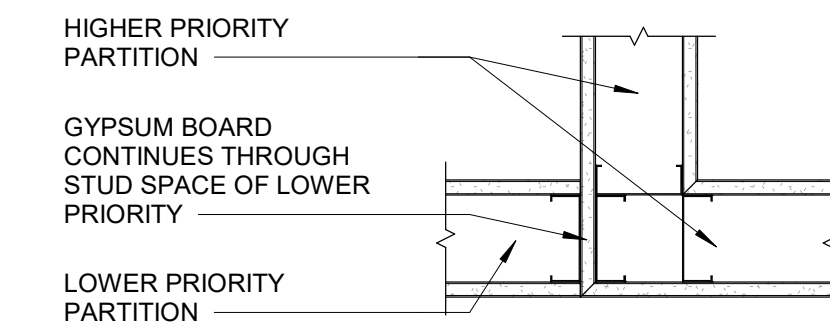
C3 WALL TYPE - W#A-11
3" = 1'-0" 0 6"



E3 WALLTYPE S#A-A11
3" = 1'-0" 0 6"



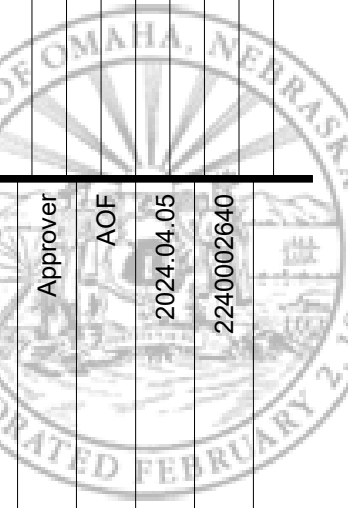
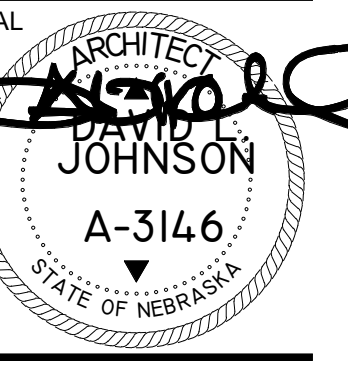
WALL TYPE TAG
1/8" = 1'-0" 0 6"



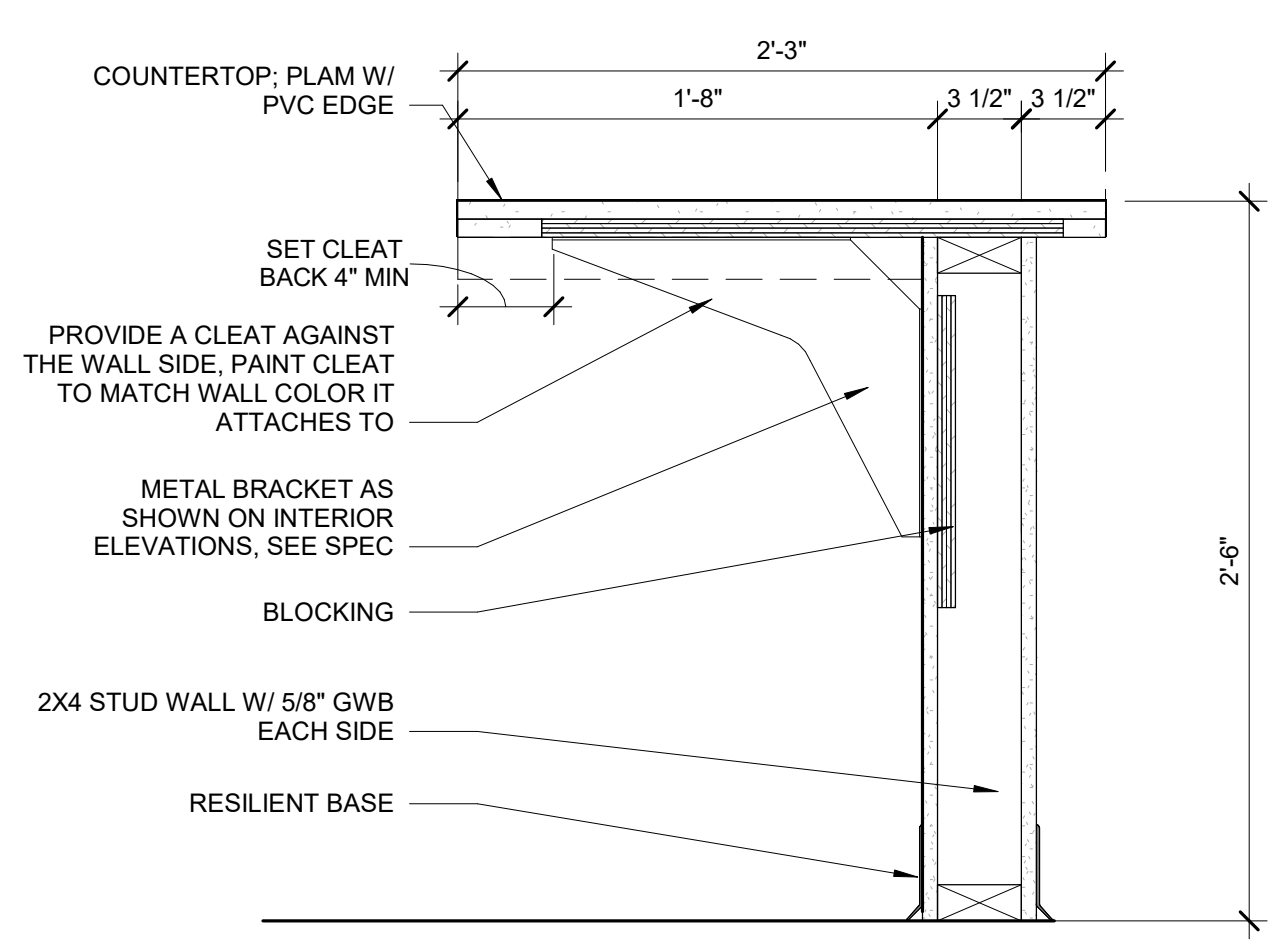
PARTITION FIRE RATING	PRIORITY
3-HOUR	1
2-HOUR	2
1-HOUR	3
SMOKE PARTITION	4
NON-RATED PARTITION	5

C4 PARTITION PRIORITY DIAGRAM
NOT TO SCALE

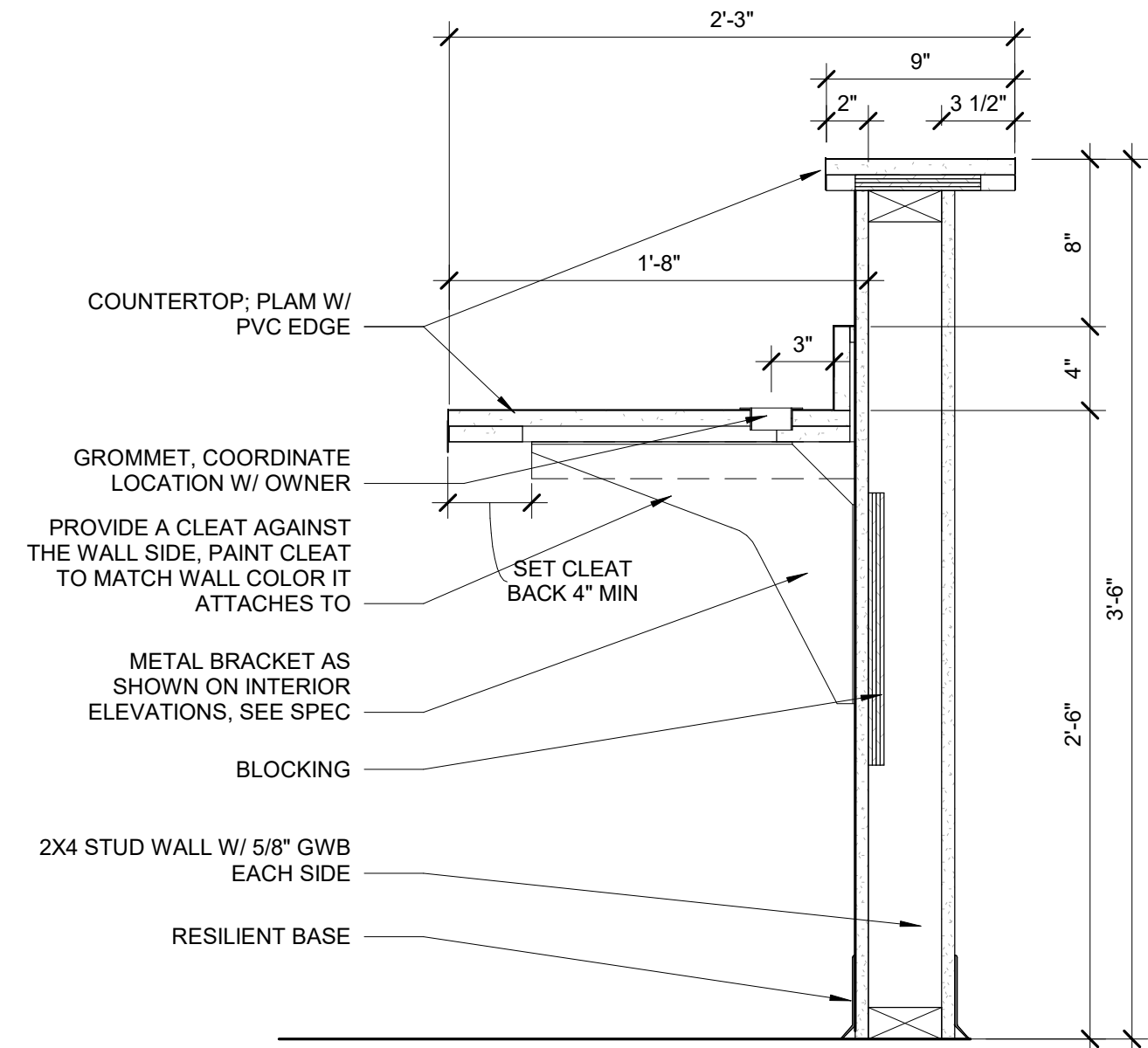
WALLTYPE CODES					
WALL CORE MATERIAL	MATERIAL WIDTH	WALL HEIGHT CODE	WALL MODIFIER CODE	WALL GYPSUM BOARD LAYERS	
CODE MATERIAL	CODE WIDTH	CODE DESCRIPTION	CODE DESCRIPTION	CODE DESCRIPTION	CODE DESCRIPTION
S METAL STUDS	0 7/8" FURRING CHANNEL	A TO UNDERSIDE OF STRUCTURAL DECK	(BLANK) NO MODIFIER	(BLANK) = NO GYP BD	1 (0) + (1)
	1 1 5/8" METAL STUD		A SOUND ATTENUATION BATTS		2 (0) + (2)
	2 2 1/2" METAL STUD		B BURNISHED FACE CMU		3 (0) + (3)
	3 3 5/8" METAL STUD	B TO 10'-0" ABOVE FINISH FLOOR			4 (0) + (4)
	4 4" METAL STUD		C CEMENT BOARD		11 (1) + (1)
	6 6" METAL STUD	C TO 6'-0" ABOVE FINISH FLOOR.	D 1/2" EXTERIOR SHEATHING		12 (1) + (2)
H SHAFT WALL CH STUDS	2 2 1/2" C-H METAL STUD	D CLADDING ON ONE SIDE AT 4" ABOVE CEILING. CORE AND OTHER SIDE TO STRUCTURE ABOVE	F FIRED RATED ASSEMBLY		13 (1) + (3)
	4 4" C-H METAL STUD				14 (1) + (4)
	6 6" C-H METAL STUD		G GLAZED CMU		22 (2) + (2)
W WOOD STUDS	2 2X2 WOOD FURRING		L LEAD-LINED GYPSUM BOARD (+ SOUND BATTS)		23 (2) + (3)
	4 2X4 WOOD STUD	E CLADDING ON BOTH SIDES AT 4" ABOVE CEILING. CORE TO STRUCTURE ABOVE			24 (2) + (4)
	6 2X6 WOOD STUD		Q SPLIT ROCK FACED CMU (+ GYP BD + SOUND BATTS)		33 (3) + (3)
	8 2X8 WOOD STUD				34 (3) + (4)
M MASONRY CMU	2 1 5/8" CMU	F CLADDING ON BOTH SIDES AND CORE TO BOTTOM SIDE OF STRUCTURAL TRUSSES, JOISTS, OR FRAMING ABOVE.	R 1/2" RESILIENT CHANNELS		44 (4) + (4)
	4 3 5/8" CMU				
	6 5 5/8" CMU		S SMOKE RATED ASSEMBLY		H - SHAFT WALLS:
	8 7 5/8" CMU				S1 (SHAFT LINER) + (1)
	10 9 5/8" CMU		T 1/2" SOUND BOARD AT FACE OF STUD ON UNIT SIDE, W/ (2) LAYERS 5/8" GWB BETWEEN STUDS (+SOUND INSULATION IN STUD CAVITY)		S2 (SHAFT LINER) + (2)
	12 11 5/8" CMU		V FIREWALL: 1/2" SHEATHING, 2" AIR GAP, 2 LAYERS 5/8" GWB, W6 (2x6 WOOD STUD), 2 LAYERS 5/8" GWB, W6 (2x6 WOOD STUD), 2 LAYERS 5/8" GWB, 1/2" SHEATHING (+ SOUND INSULATION IN STUD CAVITY)		S3 (SHAFT LINER) + (3)
					S4 (SHAFT LINER) + (4)



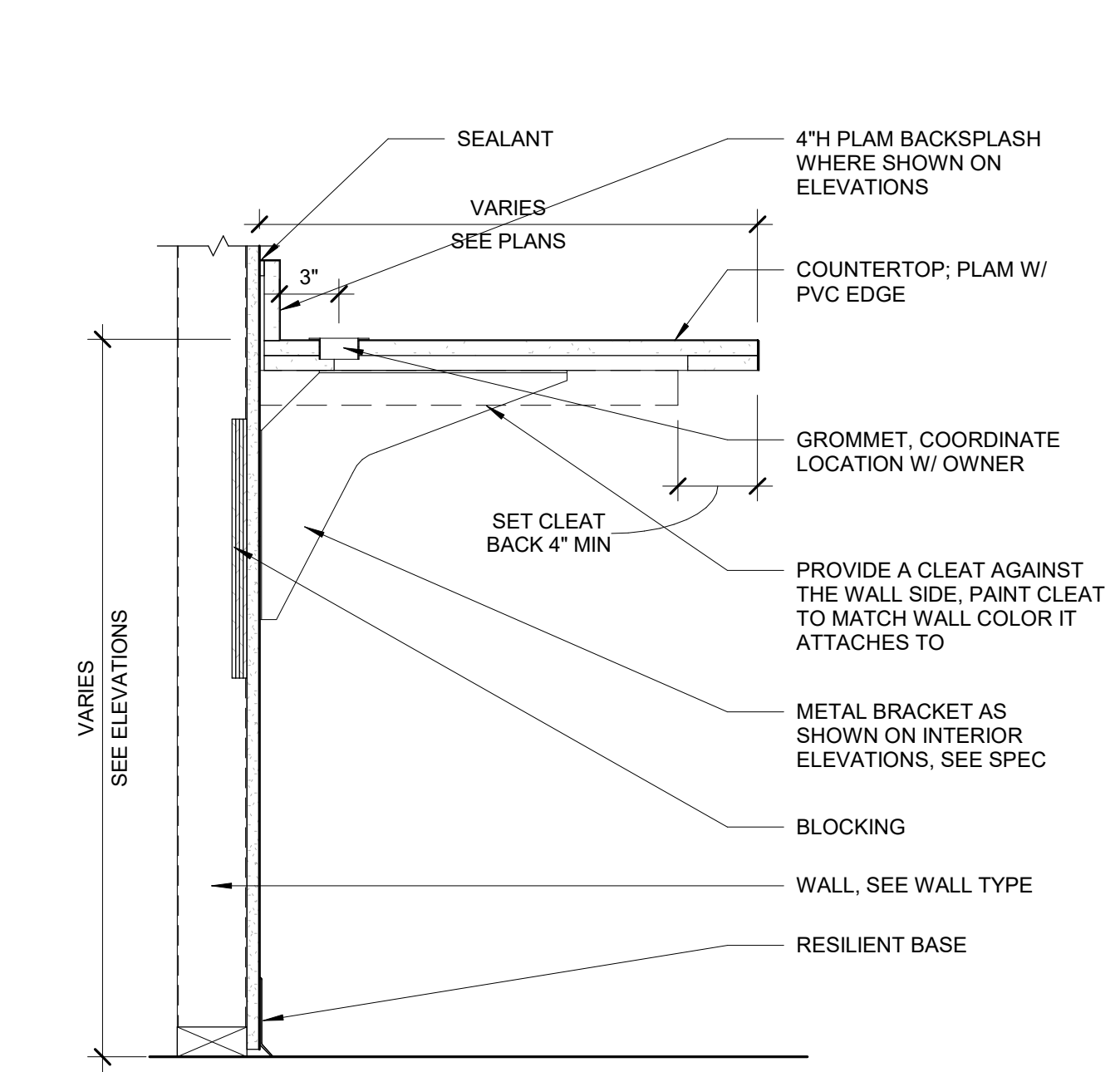
DRAWN BY	APPROVED BY	ISSUED FOR	ISSUE DATE	PROJECT NUMBER	FIELD BOOK
			2024 04 05	2240002640	



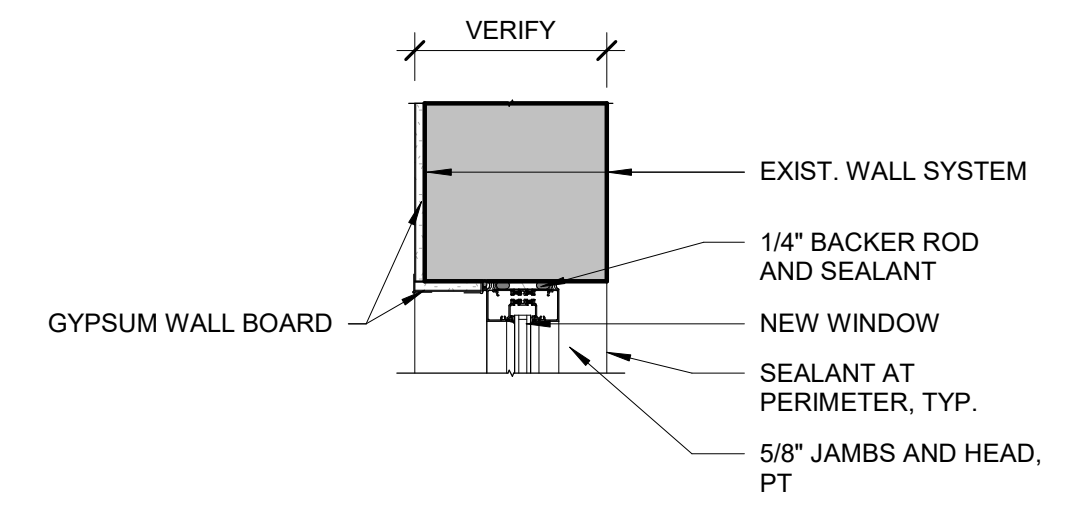
A2 CASEWORK - RECEPTION DESK
1 1/2" = 1'-0" 0 1'



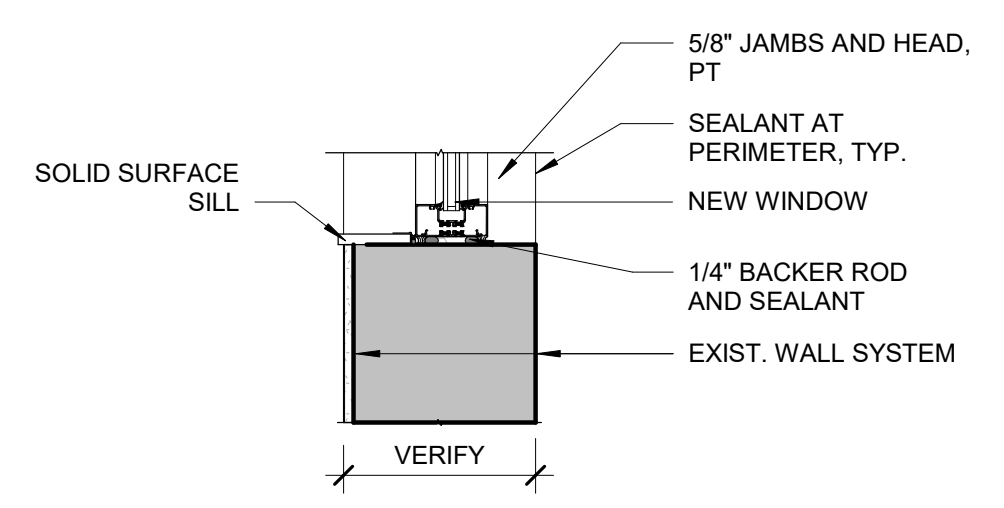
A3 CASEWORK - RECEPTION DESK W/ TRANSACTION
1 1/2" = 1'-0" 0 1'



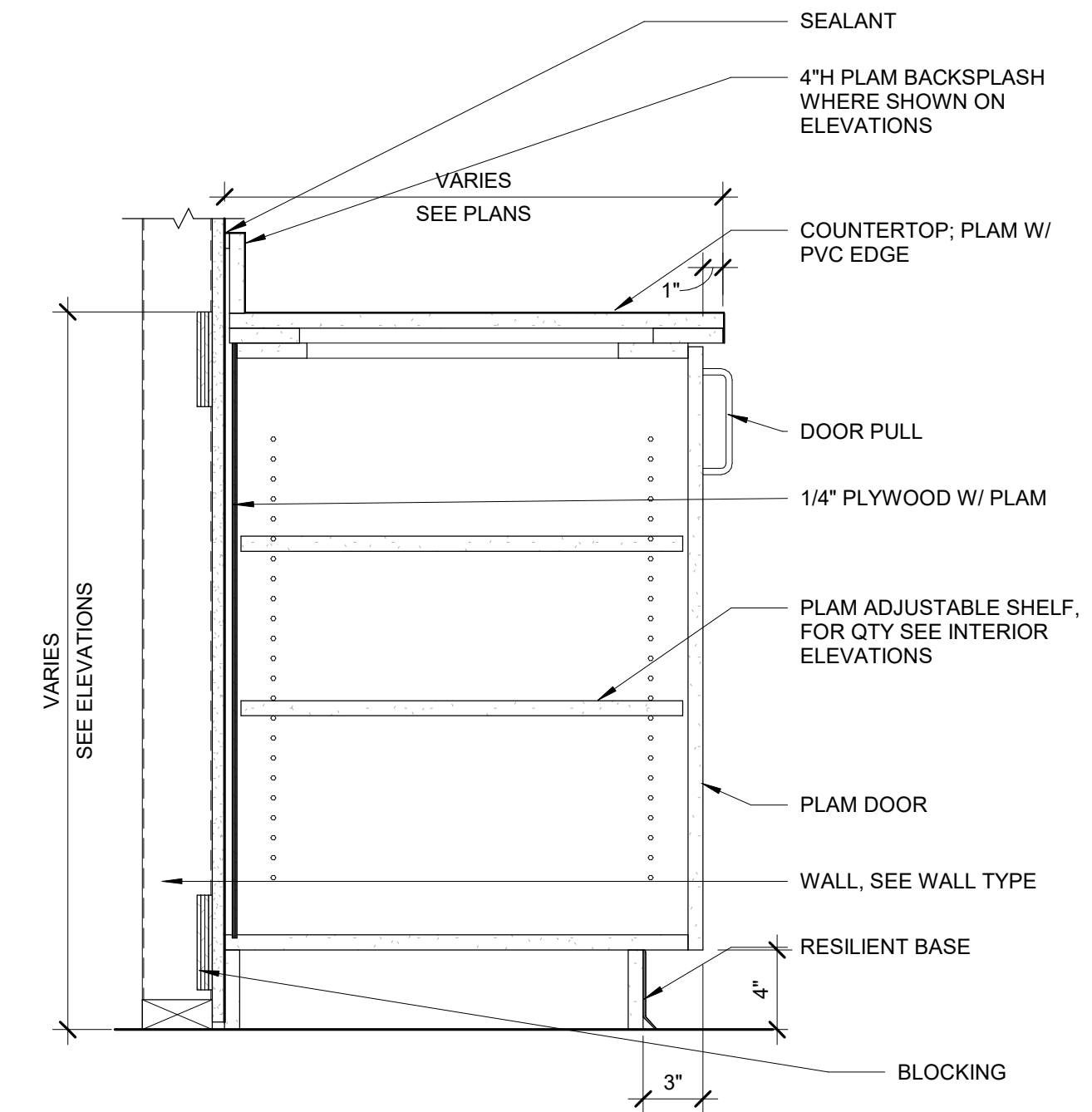
A4 COUNTERTOP, WORK SURFACE, WALL MOUNTED
1 1/2" = 1'-0" 0 1'



B2 WINDOW HEAD @ EXISTING WALL
1" = 1'-0" 0 1'-6"



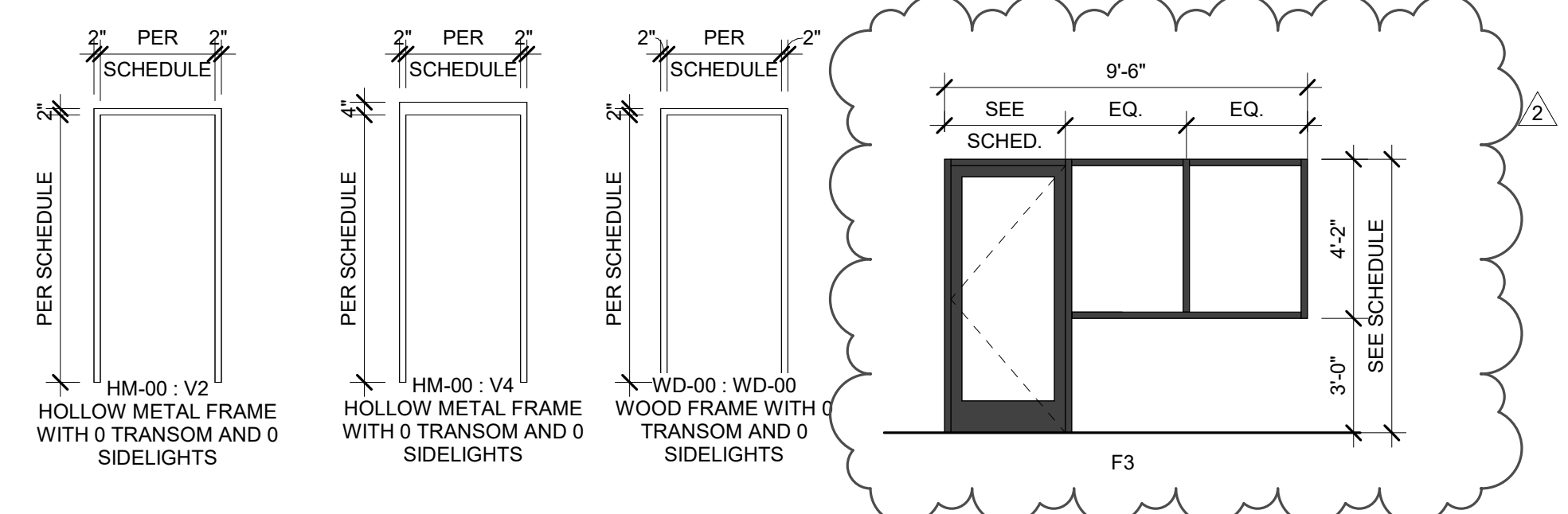
B3 WINDOW SILL @ EXISTING WALL
1" = 1'-0" 0 1'-6"



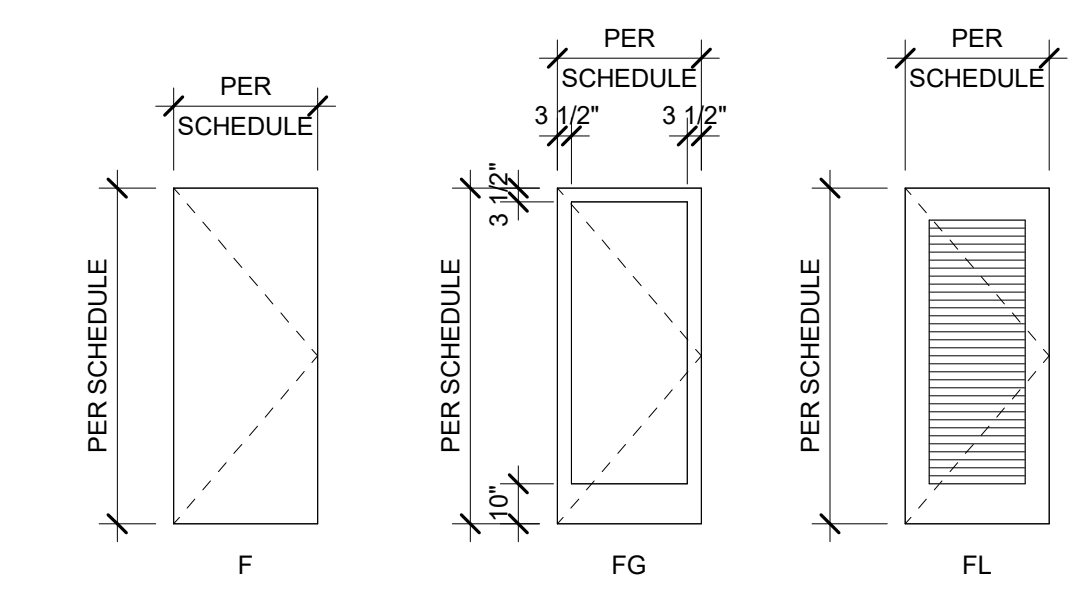
B4 BASE CABINET W/ FULL HEIGHT DOOR
1 1/2" = 1'-0" 0 1'

DOOR AND FRAME SCHEDULE																	
MARK	ROOM NAME	WIDTH	HEIGHT	DOOR			FRAME		HARDWARE					REMARKS			
				THICKNESS	TYPE	MTRL	FINISH	FRAME TYPE	FINISH	LOCK	CLOSER	EXIT DEVICE	FLOOR STOP		KICK PLATE	THRESHOLD	WALL STOP
100A	VEST	EXIST	EXIST	1 3/4"	FG	--	--	EXIST	PT	ENTRANCE/KEY FOB							EXISTING ENTRY DOOR. SEE NOTE 7.
100B	VEST	EXIST	EXIST	1 3/4"	FG	--	--	EXIST	PT								EXISTING VESTIBULE DOOR
101	LOBBY	3'-0"	7'-0"	1 3/4"	FG	AL	PT	HM-00: V2	PT	PASSAGE							
102	KITCHEN	4'-0"	7'-0"	1 3/4"	F	HM	PT	HM-00: V4	PT	ENTRANCE							SEE NOTE 5, 6, 7.
103A	CONFERENCE	3'-0"	7'-0"	1 3/4"	FG	--	--	F3	PT	PASSAGE							
103B	CONFERENCE	4'-0"	7'-0"	1 3/4"	FG	--	--	HM-00: V2	PT	PASSAGE							
105	MECH	3'-0"	7'-0"	1 3/4"	F	HM	PT	HM-00: V2	PT	STOREROOM							
106	CHEF	3'-0"	7'-0"	1 3/4"	F	WD	STN	HM-00: V2	PT	OFFICE							
107A	MEN	EXIST	EXIST	1 3/4"	F	--	--	EXIST	--	--							EXISTING RR DOOR
107B	MEN	2'-6"	7'-0"	1 3/4"	F	WD	STN	WD-00	STN	PRIVACY							SEE NOTE 4.
107C	MEN	3'-0"	7'-0"	1 3/4"	FL	WD	STN	WD-00	STN	PRIVACY							
108A	WOMEN	EXIST	EXIST	1 3/4"	F	--	--	EXIST	--	--							EXISTING RR DOOR
108B	WOMEN	3'-0"	7'-0"	1 3/4"	FL	WD	STN	WD-00	STN	PRIVACY							SEE NOTE 4.
108C	WOMEN	3'-0"	7'-0"	1 3/4"	F	WD	STN	HM-00: V2	PT	PRIVACY							SEE NOTE 4.
109	CORR.	3'-0"	7'-0"	1 3/4"	F	HM	PT	HM-00: V2	PT	PASSAGE							60 MIN EXIST DOOR
110	STAIR	EXIST	EXIST	1 3/4"	F	--	--	EXIST	--	--							EXIST DOOR
111	CL	6'-0"	7'-0"	1 3/4"	F / F	HM	PT	HM-00: V2	PT	PASSAGE							PAIR 3'-0" DOOR
112	MOP	EXIST	EXIST	1 3/4"	F	--	--	EXIST	--	--							EXISTING DOOR
113	KITCHEN	5'-0"	7'-0"	1 3/4"	F	--	--	LAM	HM-00: V2	PT							PAIR 2'-6" LAMINATED CRASH DOOR. SEE NOTE 1
114	OP MANAGER	3'-0"	7'-0"	1 3/4"	F	WD	STN	HM-00: V2	PT	OFFICE							
116	EQUIPMENT	4'-0"	7'-0"	1 3/4"	F	HM	PT	HM-00: V2	PT	ENTRANCE							SEE NOTE 6.
117A	LOADING	EXIST	EXIST	1 3/4"	F	--	--	EXIST	--	ENTRANCE/KEY FOB							EXISTING DOOR. NEW LOCK. SEE NOTE 7.
117B	LOADING	10'-0"	12'-0"	2 1/8"	F	--	--	PT	EXIST	--							OVERHEAD DOOR - MATCH SIZING OF DEMO'D OHD
118	LIQUOR	3'-0"	7'-0"	1 3/4"	F	HM	PT	HM-00: V2	PT	STOREROOM							
200	OPEN OFFICE	3'-0"	7'-0"	1 3/4"	F	HM	PT	HM-00: V2	PT	PASSAGE							60 MIN
202	LAUNDRY	3'-0"	7'-0"	1 3/4"	F	HM	PT	HM-00: V2	PT	PASSAGE							45 MIN
203	OFFICE	EXIST	EXIST	1 3/4"	BF	--	--	EXIST	--	--							EXISTING DOOR
203	OFFICE	EXIST	EXIST	1 3/4"	F	--	--	EXIST	--	--							EXISTING DOOR
204	OPEN OFFICE	EXIST	EXIST	1 3/4"	BF	--	--	EXIST	--	--							EXISTING DOOR
205	OFFICE	3'-0"	7'-0"	1 3/4"	F	WD	STN	WD-00	STN	OFFICE							
206	RR	EXIST	EXIST	1 3/4"	F	--	--	EXIST	--	--							EXISTING DOOR

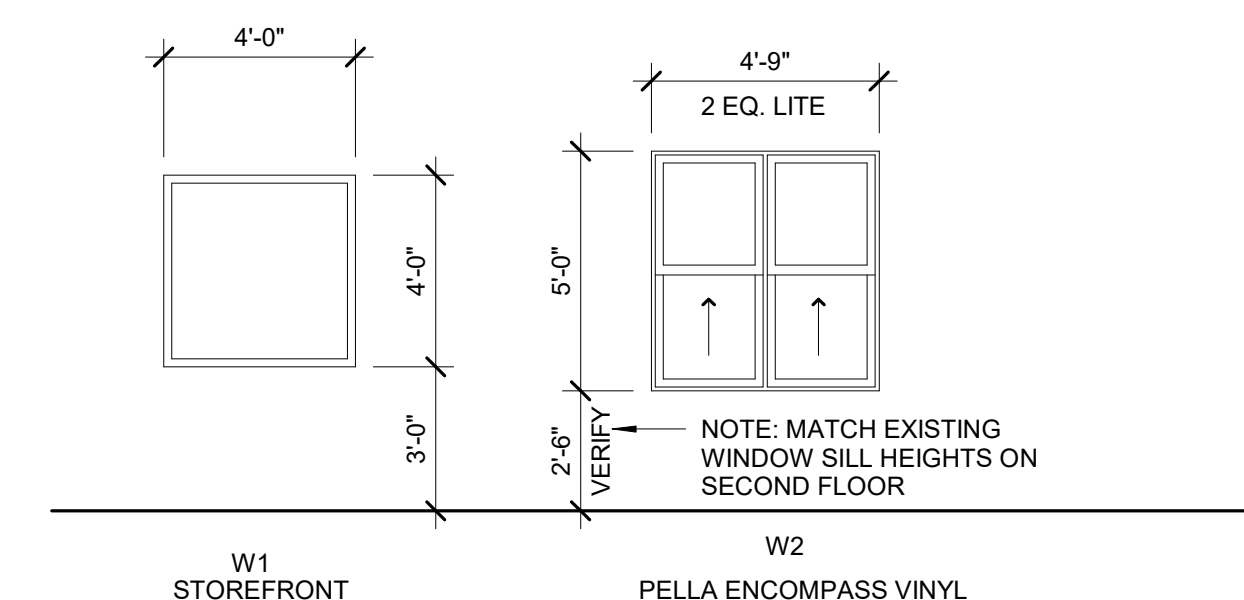
NOTES:
 1. DOOR TO BE ELIASON SCP-6 OR EQUIVALENT. VERIFY COLOR W/ OWNER. CONTRACTOR'S OPTION: FRAME TO BE PROVIDED BY CRASH DOOR MANUF. OR CONTRACTOR TO PROVIDE HM FRAME WITH NO STOPS AT JAMB OR HEAD. VERIFY FRAME PROFILE WITH CRASH DOOR MANUF. VERIFY LAMINATE COLOR W/ OWNER.
 2. SLIDING GLASS DOOR AND GLASS WALL SYSTEM. VERIFY COLOR W/ OWNER.
 3. 2'-0" DOOR/LEAF TO HAVE FLUSH BOLTS TOP AND BOTTOM.
 4. LOUVERED PINE DOOR. STAIN TO MATCH EXISTING RESTROOM DOOR 107A AND 108A.
 5. REPLACE EXISTING DOOR. FIELD VERIFY DOOR SIZE TO MATCH PREVIOUS.
 6. INSULATED HOLLOW METAL DOOR.
 7. CONTRACTOR TO VERIFY W/ OWNER ON KEY FOB SYSTEM AND DOORS ASSOCIATED WITH SYSTEM.



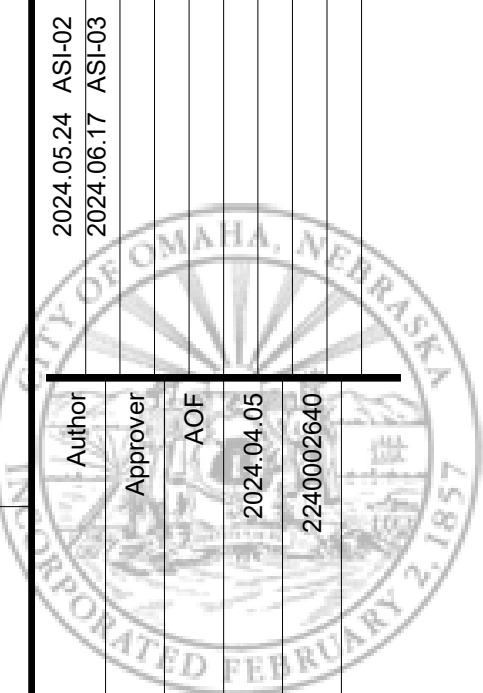
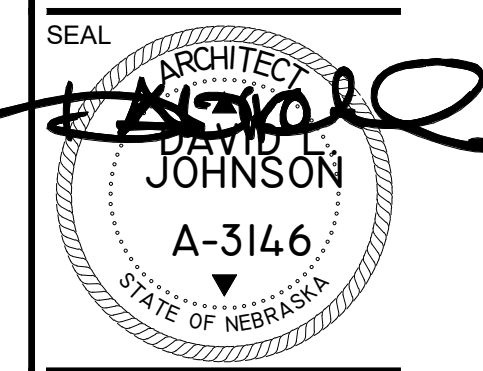
D3 DOOR FRAME ELEVATIONS
1/4" = 1'-0" 0 6"



D4 DOOR PANEL ELEVATIONS
1/4" = 1'-0" 0 6"



WINDOW TYPES
1/4" = 1'-0" 0 6"



DRAWN BY: AS102
 APPROVED BY: AS103
 ISSUED FOR: AOP
 ISSUE DATE: 2024.04.05
 PROJECT NUMBER: 2240002640
 FIELD BOOK



ADVANCED ENGINEERING SYSTEMS

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www.a-e-sys.com

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CERTIFICATE OF AUTHORIZATION # CA1800
PROJECT # 24-027

ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114

No.	Issued For	Date
4	ASI #4	7-31-2024

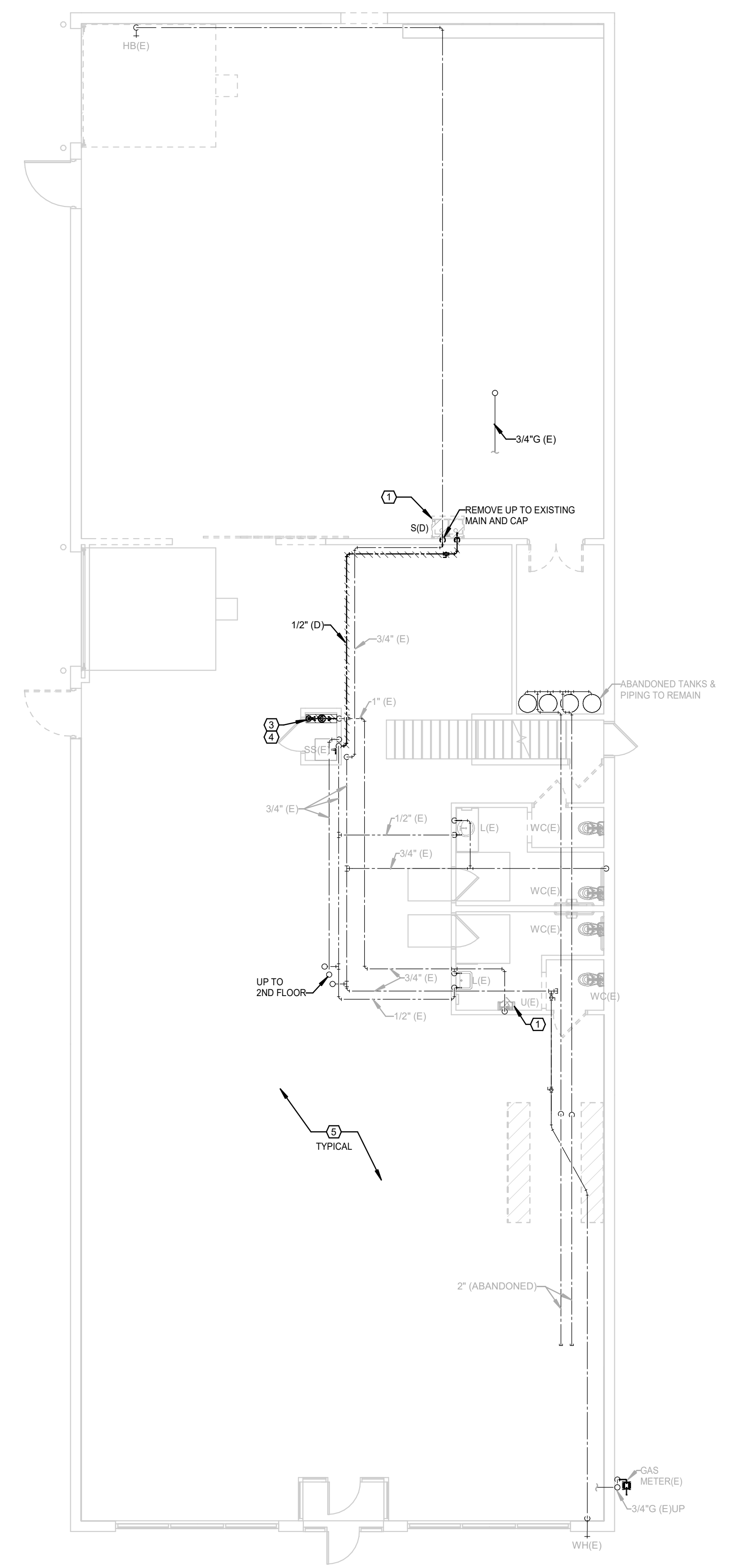
DATE: 04/05/2024



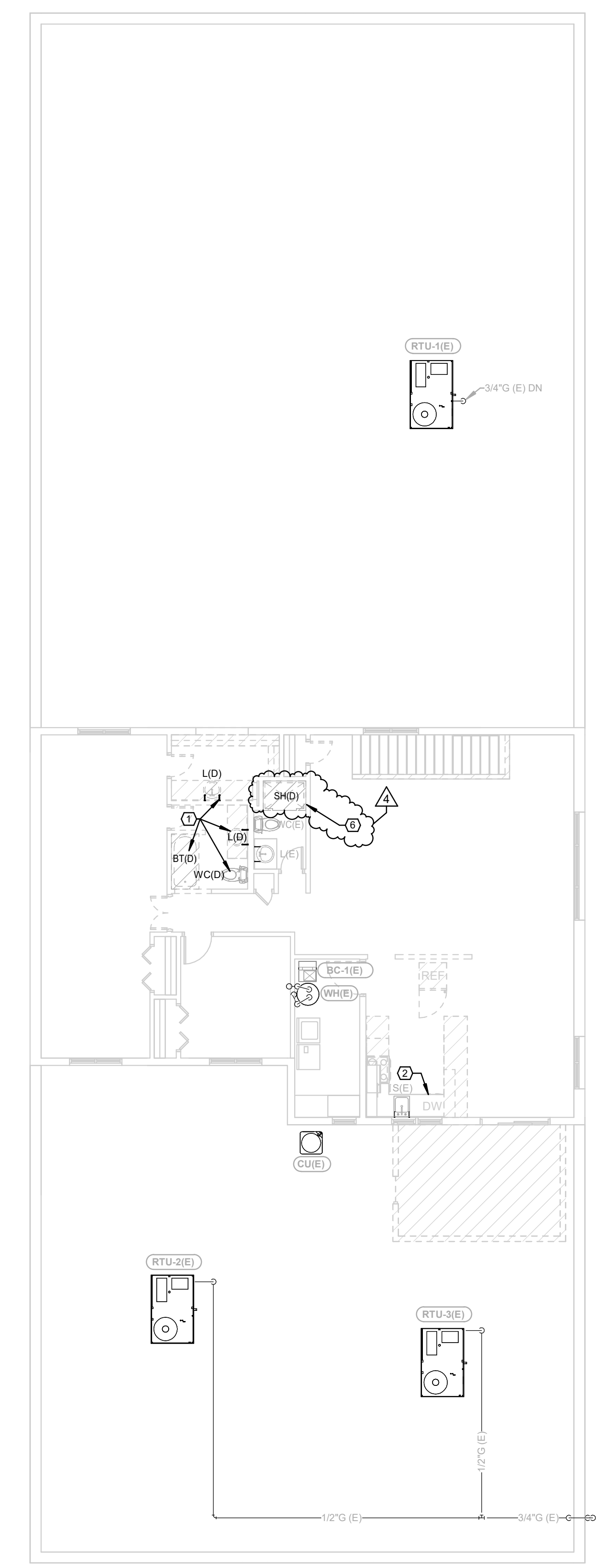
PLUMBING DEMOLITION PLANS

PD101

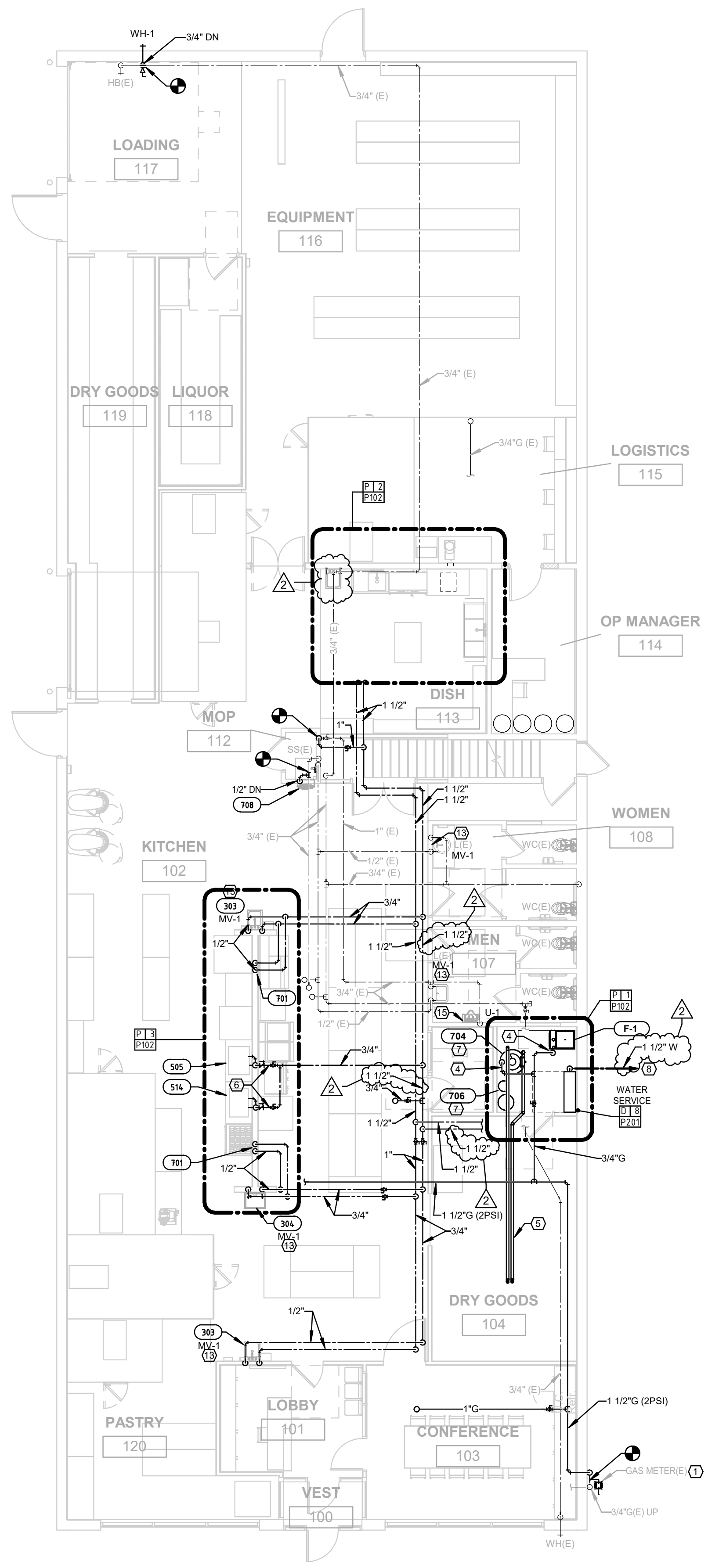
- KEY NOTES** SYMBOL = (X)
- REMOVE EXISTING PLUMBING FIXTURE, REMOVE ASSOCIATED PIPING AND ACCESSORIES TO EXTENTS POSSIBLE OR AS SHOWN AND CAP.
 - EXISTING DISHWASHER TO BE REMOVED, REMOVE ASSOCIATED WATER AND WASTE PIPING BACK TO CONNECTION AT SINK AND CAP.
 - REMOVE EXISTING WATER SERVICE ASSEMBLY AND ALL ASSOCIATED PIPING AND ACCESSORIES, CAP SERVICE PIPING ABOVE FLOOR AND ABANDON. DISTRIBUTION PIPING TO BE BACK FED BY NEW SERVICE.
 - EXISTING WATER SERVICE PIPING TO BE ABANDONED, CAP AND ABANDON PIPING AT EXISTING CONNECTION TO CITY MAIN. COORDINATE EXACT REQUIREMENTS WITH WATER COMPANY. CONTRACTOR TO FIELD LOCATE WATER SERVICE PIPE CONNECTION TO CITY MAIN.
 - REMOVE EXISTING ABANDONED HD PIPING AS NECESSARY FOR INSTALLATION OF NEW SYSTEMS.
 - EXISTING FIXTURE TO BE REMOVED, REMOVE ASSOCIATED PIPING BACK TO WALL/FLOOR AND CAP.



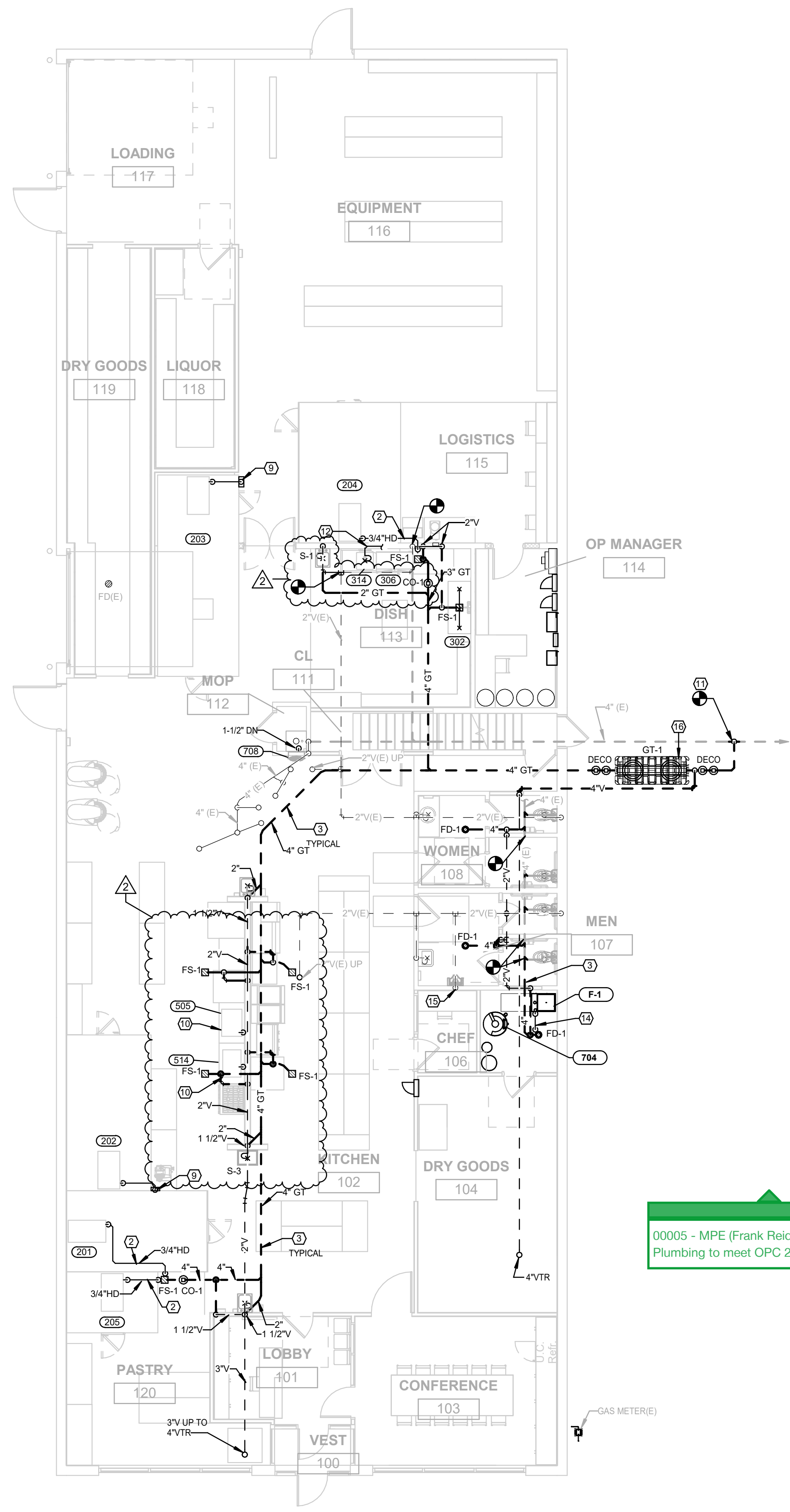
2 FIRST FLOOR - PLUMBING DEMO
SCALE: 1/8" = 1'-0"



1 SECOND FLOOR - PLUMBING DEMO
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR PLUMBING - DOMESTIC WATER & GAS
 P101 SCALE: 1/8" = 1'-0"



3 FIRST FLOOR PLUMBING - SANITARY WASTE & VENT
 P101 SCALE: 1/8" = 1'-0"

- ### KEY NOTES
- SYMBOL = (X)
- CONTRACTOR TO COORDINATE WITH GAS COMPANY TO REPLACE METER/PRESSURE REGULATOR AS REQUIRED.
 - EXTEND HUMIDITY DRAINS FROM COOLER AND FREEZER EVAPORATOR COIL TO FLOOR SINK. INSTALL PIPING ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. ZIP TIE DRAINS PIPE TO FLOOR SINK. PROVIDE P-TRAP IN PIPING OUTSIDE OF FREEZER/COOLER.
 - SAWCUT FLOOR AS REQUIRED FOR INSTALLATION OF NEW BELOW GRADE WASTE AND VENT PIPING. PATCH AND REPAIR TO MATCH EXISTING. (TYPICAL)
 - PROVIDE UNION, 3 INCH MINIMUM DIRT LEG, SHUT-OFF VALVE AND PRESSURE REGULATOR IN GAS PIPING AT CONNECTION TO EQUIPMENT. VENT PRESSURE REGULATOR TO OUTSIDE IF REQUIRED. PROVIDE A UNION ON BOTH SIDES OF REGULATOR. REGULATOR MUST BE INSTALLED IN HORIZONTAL POSITION DOWN STREAM OF DIRT LEG.
 - EXTEND PVC INTAKE AND EXHAUST PIPING UP THROUGH ROOF. TERMINATE PIPING WITH CONCENTRIC TERMINATION KIT. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 - (2) 1/2" DCV CONNECTIONS TO UNIT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE SHUT-OFF VALVE AND CHECK VALVE IN PIPING PRIOR TO CONNECTION TO EQUIPMENT (LOCATED IN AN ACCESSIBLE LOCATION).
 - EQUIPMENT TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - EXTEND TO CITY MAIN. FIELD COORDINATE EXACT LOCATION AND ROUTING PRIOR TO INSTALLATION.
 - EXTEND 3/4" HD PIPING TO CONDENSATE EVAPORATOR (BY OWNER).
 - EXTEND 1-1/2" DRAIN PIPING FROM STEAMER TO OVER FLOOR SINK BELOW AND TERMINATE. ALL ROUTING, SIZING TO BE PER MANUFACTURER'S RECOMMENDATIONS.
 - EXTEND GREASE TRAP OUTLET PIPING TO EXISTING SANITARY MAIN LEAVING BUILDING. FIELD COORDINATE EXACT LOCATION AND ROUTING PRIOR TO INSTALLATION.
 - EXTEND 2" WASTE FROM DISPOSAL (314) AND CONNECT TO EXISTING WASTE PIPING IN WALL FROM DEMO SINK.
 - INSTALL MIXING VALVE (MV-1) UNDER HAND SINK IN THE ONE FIXTURE CONFIGURATION. SEE MIXING VALVE DETAIL ON THIS SHEET.
 - EXTEND 3/4" HUMIDITY DRAIN PIPING TO NEAREST FLOOR DRAIN. PROVIDE CLEAN OUT IN DRAIN. SECURE PIPING TO FLOOR DRAIN COVER WITH ZIP TIE.
 - NEW URINAL TO TIE IN TO EXISTING PIPING FROM REMOVED URINAL.
 - COORDINATE EXACT LOCATION AND ORIENTATION OF GREASE TRAP WITH EXISTING CONDITIONS PRIOR TO INSTALLATION.

00005 - MPE (Frank Reida)
 Plumbing to meet OPC 2018



4630 ANTELOPE CREEK RD
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ADVANCED ENGINEERING SYSTEMS
 CERTIFICATE OF
 AUTHORIZATION # CA1800
 PROJECT # 24-027

ATTITUDE ON FOOD
 AOF CATERING KITCHEN
 7758 CASS STREET OMAHA, NE 68114

No.	Issued For	Date
2	ASI #2	5-24-2024

DATE: 04/05/2024



FIRST FLOOR - PLUMBING
 PLANS

P101



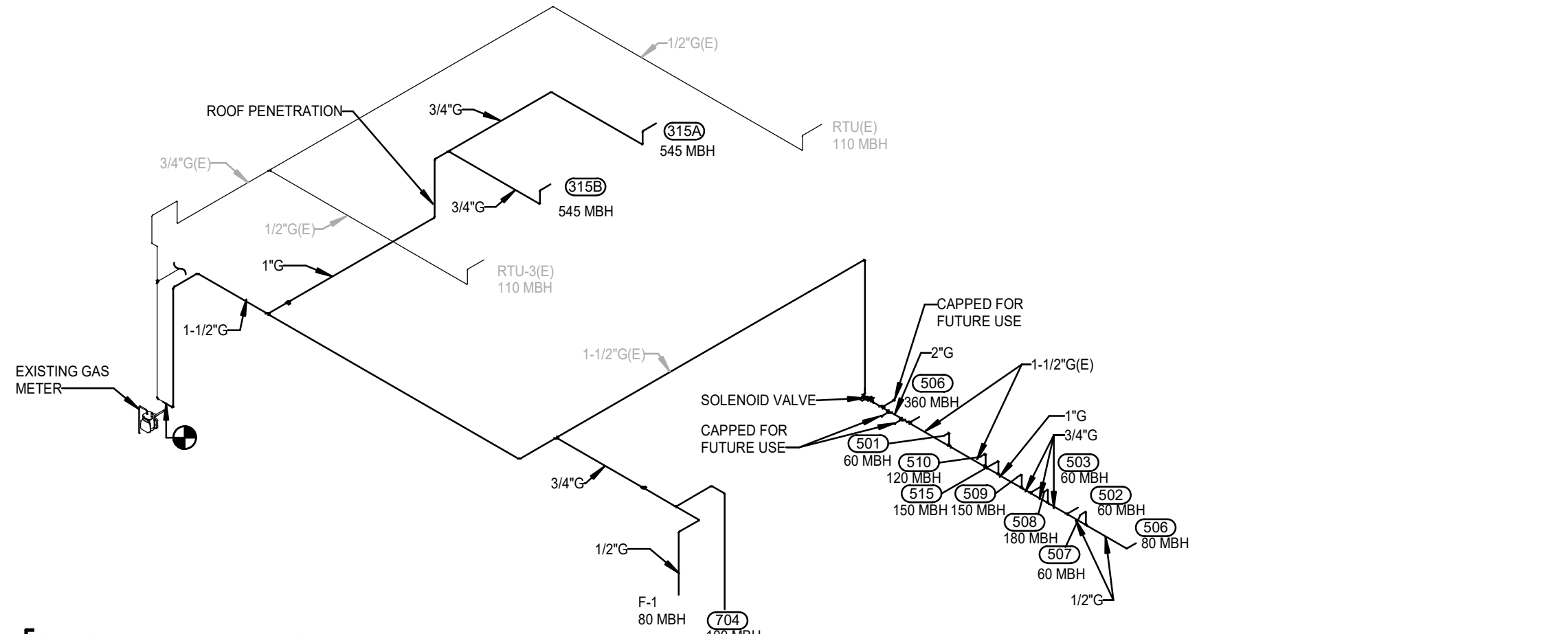
ADVANCED ENGINEERING SYSTEMS

4630 ANTELOPE CREEK RD SUITE 200 LINCOLN, NE 68506 P: (402) 488-0075 F: (402) 488-0272 www.a-e-sys.com

CERTIFICATE OF AUTHORIZATION # CA1800 PROJECT # 24-027

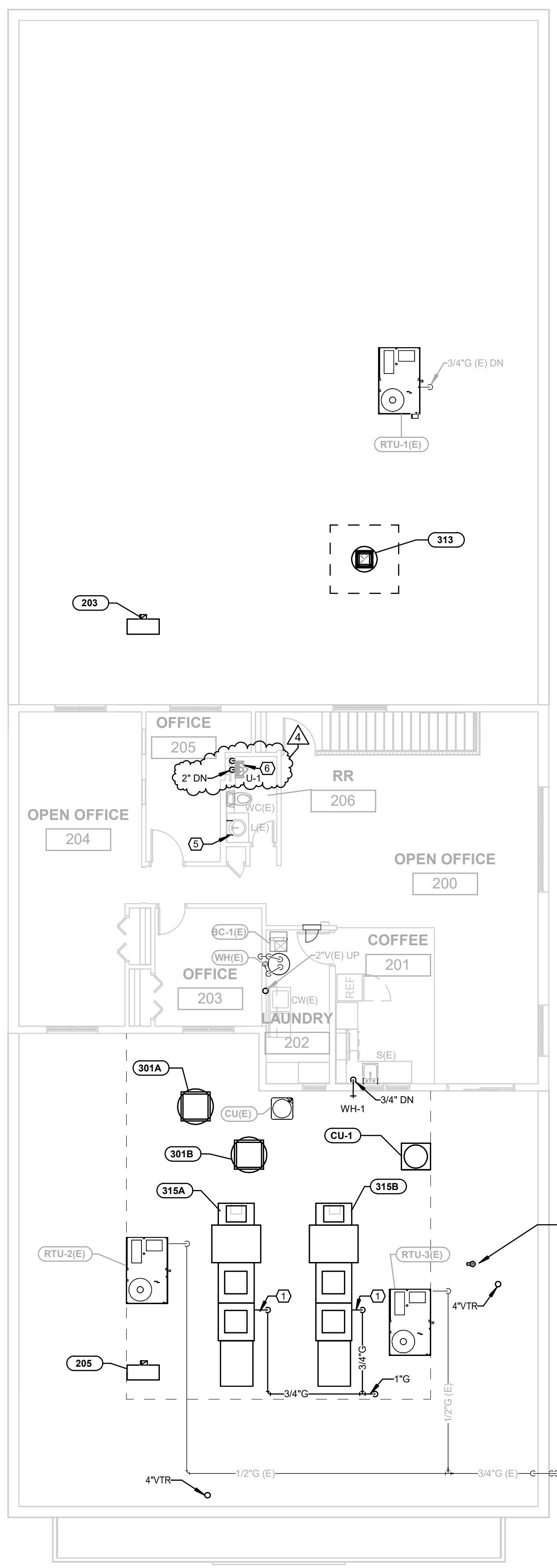
ATTITUDE ON FOOD AOF CATERING KITCHEN 7758 CASS STREET OMAHA, NE 68114

- KEY NOTES: 1. PROVIDE SOLENOID VALVE AND PRESSURE REGULATOR (2PSI - 7Psi) IN GAS PIPING... 2. PROVIDE UNION, 3 INCH MINIMUM DIRT LEG, SHUT-OFF VALVE AND FLEXIBLE CONNECTION IN GAS PIPING... 3. EQUIPMENT TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR... 4. PROVIDE CHECK VALVE/BACKFLOW PREVENTER IN PIPING PRIOR TO CONNECTION TO CONDENSER WATER INLET... 5. INSTALL MIXING VALVE (MV-1) UNDER HAND SINK IN THE ONE FIXTURE CONFIGURATION... 6. INSTALL NEW URINAL (U-1) IN PLACE OF PREVIOUS BATHTUB...

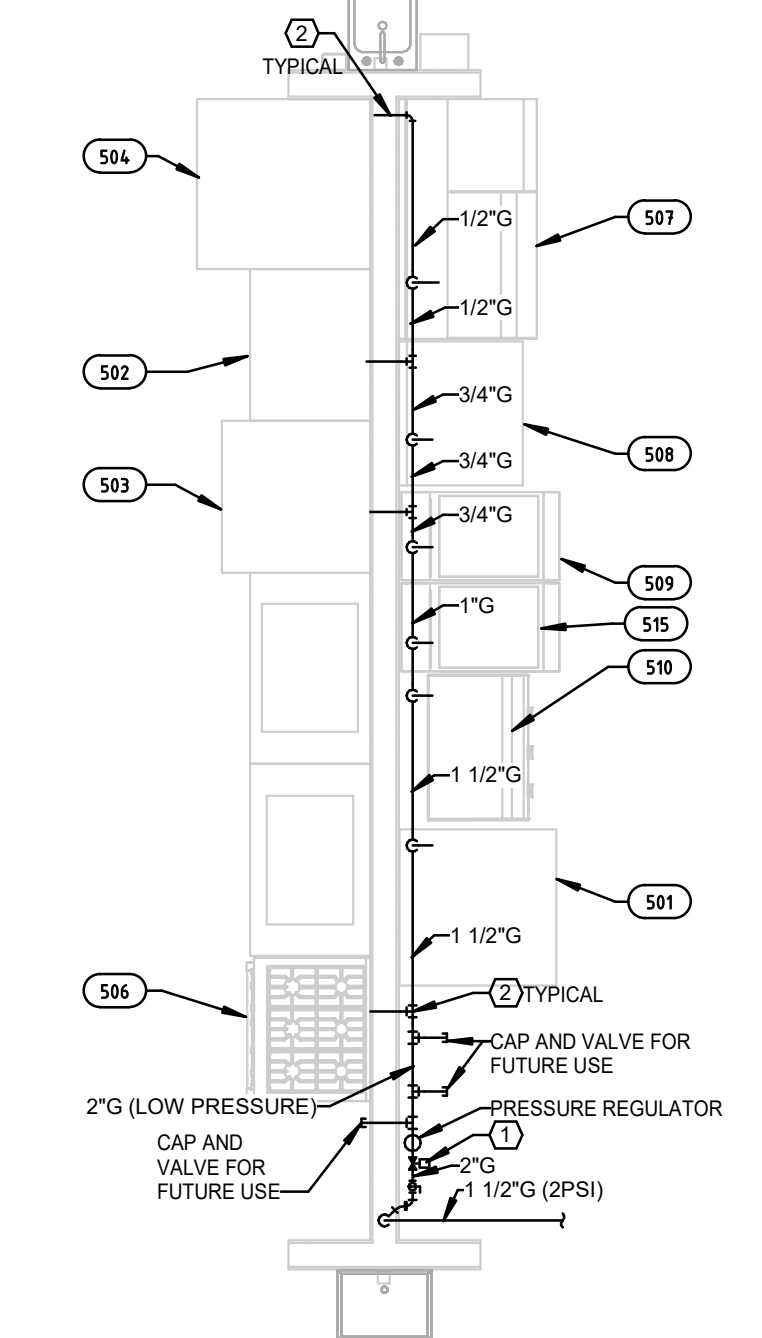


- GAS RISER DESIGN CRITERIA SYSTEM BASED ON: A. 2880 MBH TOTAL INPUT LOAD (330 MBH EXISTING + 2550 MBH NEW) B. 135' LONGEST RUN C. 2 PSI SYSTEM INLET PRESSURE D. CONTRACTOR TO PROVIDE, INSTALL AND VENT PRESSURE REGULATORS TO OUTSIDE AS REQUIRED FOR ALL EQUIPMENT. E. CONTRACTOR TO COORDINATE WITH GAS COMPANY TO REPLACE METER/PRESSURE REGULATOR AS REQUIRED.

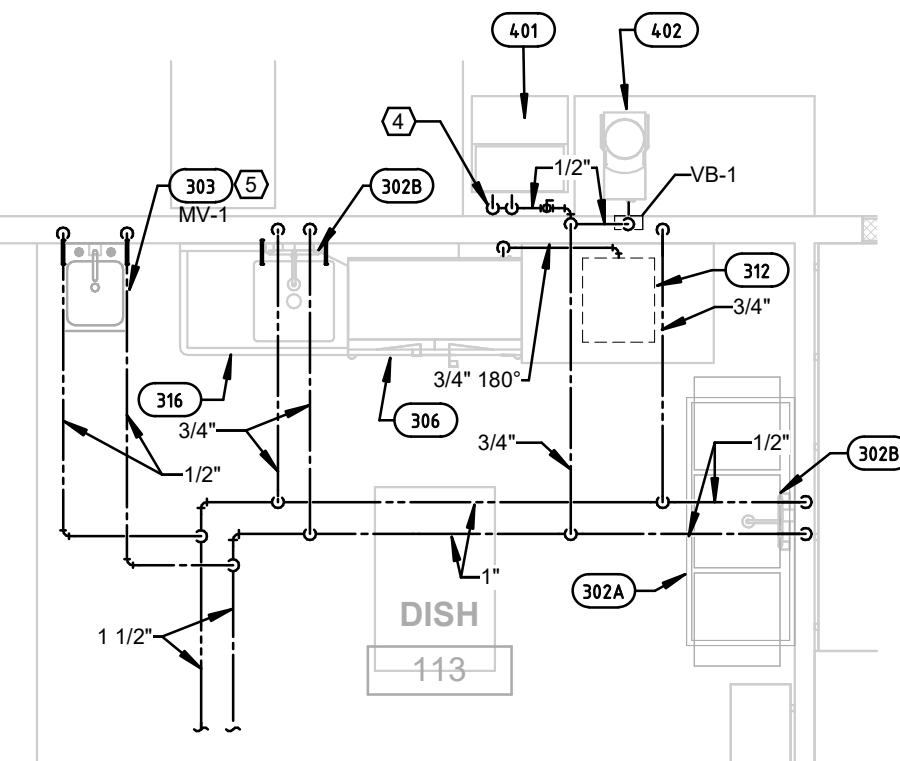
R 1 GAS RISER P102 NO SCALE



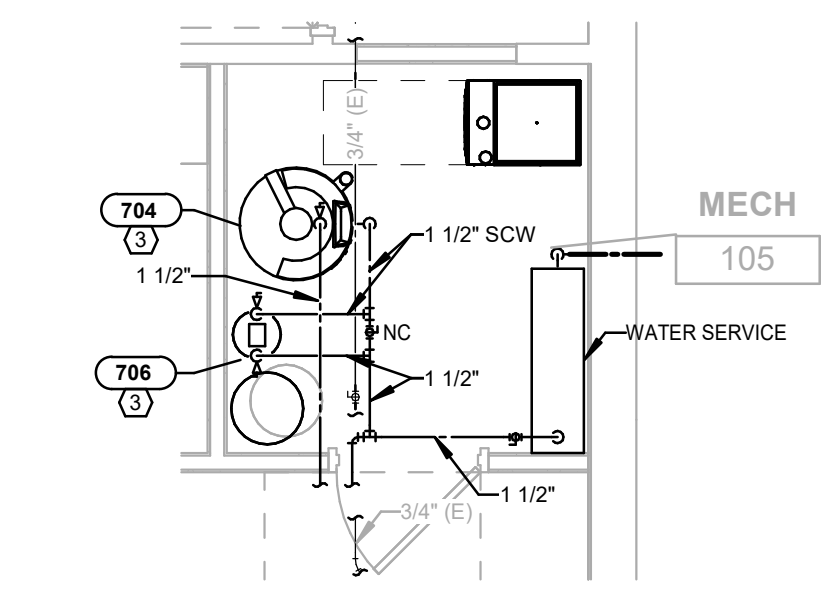
1 SECOND FLOOR - PLUMBING P102 SCALE: 1/8" = 1'-0"



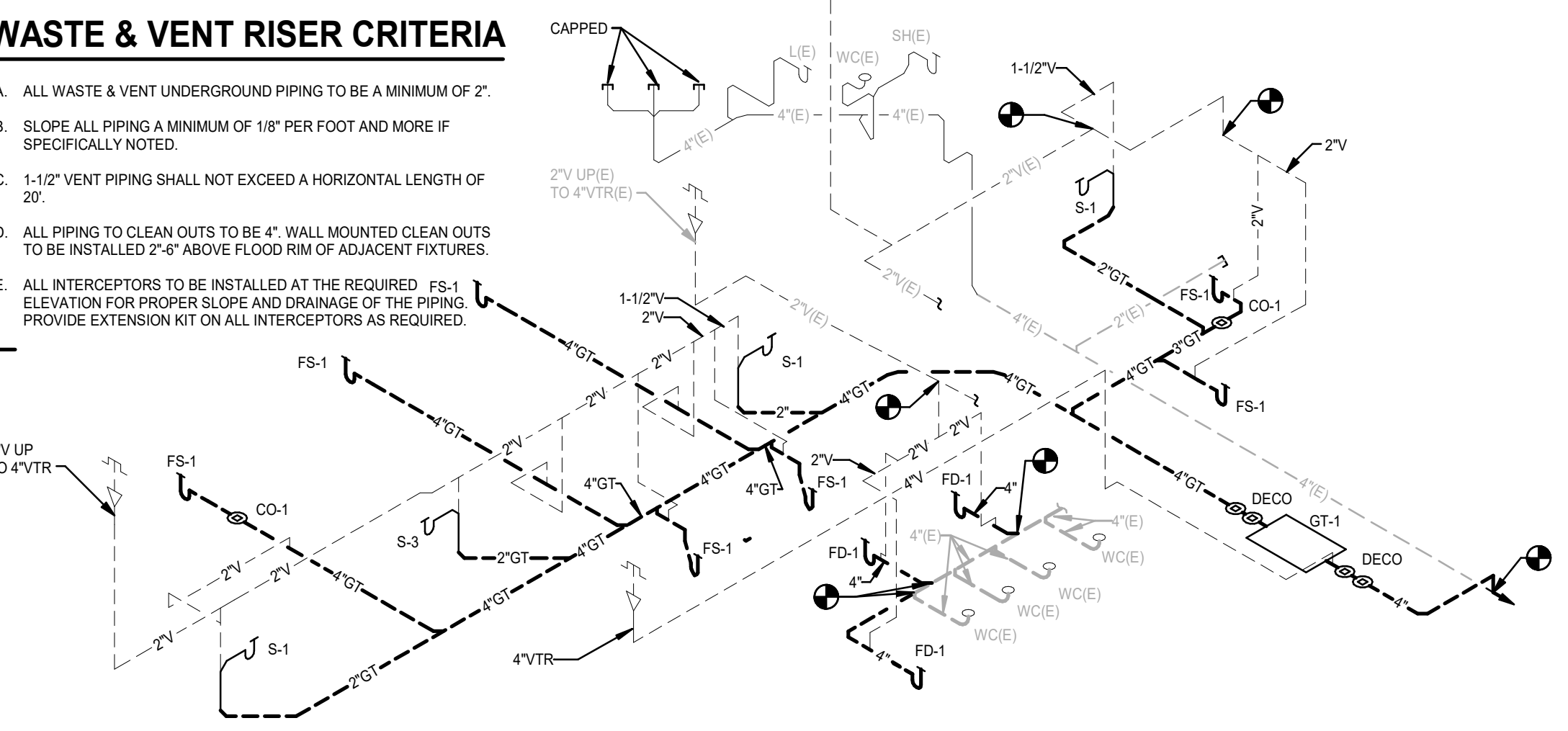
P 3 PARTIAL GAS PLAN - 102 P102 SCALE: 1/4" = 1'-0"



P 2 PARTIAL DOMESTIC PLAN - 113 P102 SCALE: 1/4" = 1'-0"



P 1 PARTIAL DOMESTIC PLAN - 105 P102 SCALE: 1/4" = 1'-0"



- WASTE & VENT RISER CRITERIA: A. ALL WASTE & VENT UNDERGROUND PIPING TO BE A MINIMUM OF 2". B. SLOPE ALL PIPING A MINIMUM OF 1/8" PER FOOT AND MORE IF SPECIFICALLY NOTED. C. 1-1/2" VENT PIPING SHALL NOT EXCEED A HORIZONTAL LENGTH OF 20'. D. ALL PIPING TO CLEAN OUTS TO BE 4" WALL MOUNTED CLEAN OUTS TO BE INSTALLED 2'-6" ABOVE FLOOD RIM OF ADJACENT FIXTURES. E. ALL INTERCEPTORS TO BE INSTALLED AT THE REQUIRED ELEVATION FOR PROPER SLOPE AND DRAINAGE OF THE PIPING. PROVIDE EXTENSION KIT ON ALL INTERCEPTORS AS REQUIRED.

R 2 WASTE RISER DETAIL P102 NO SCALE

Table with columns: No., Issued For, Date. Row 1: 4, ASI #4, 7-31-2024

DATE: 04/05/2024

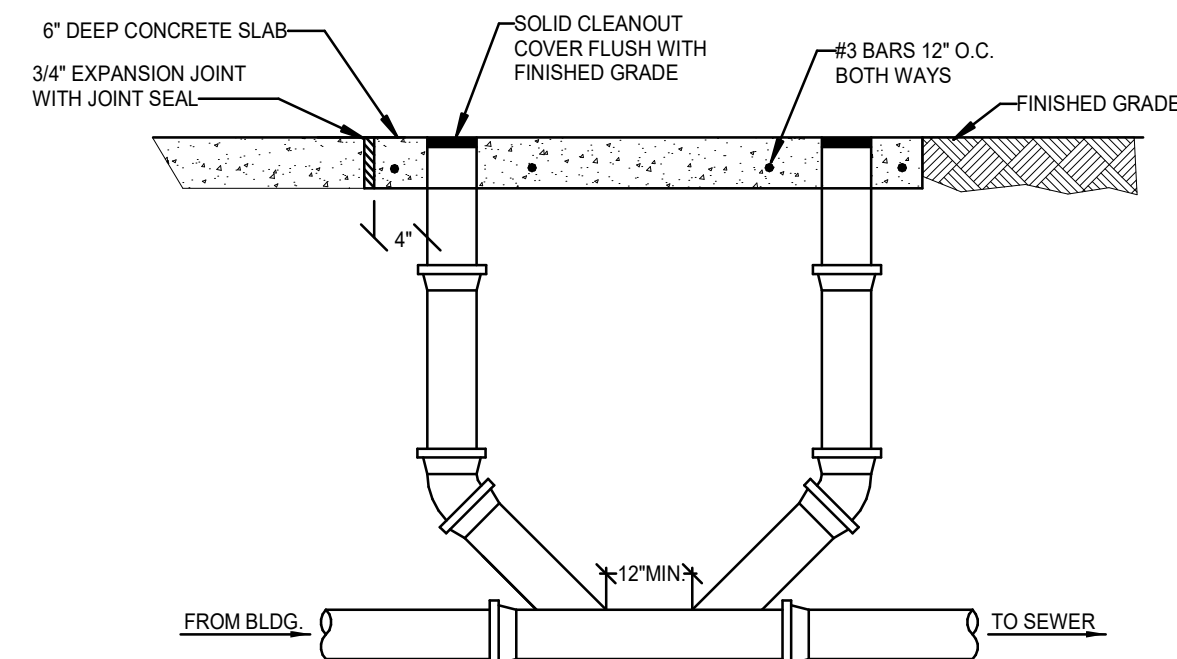


SECOND FLOOR/ROOF & PARTIAL - PLUMBING PLANS

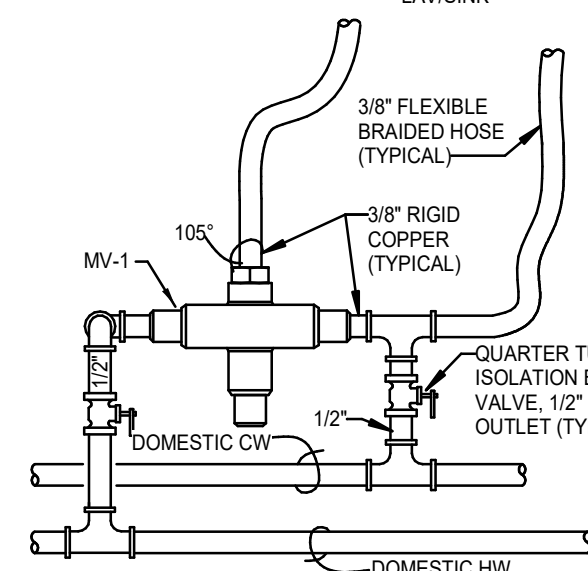
P102

DETAIL NOTES

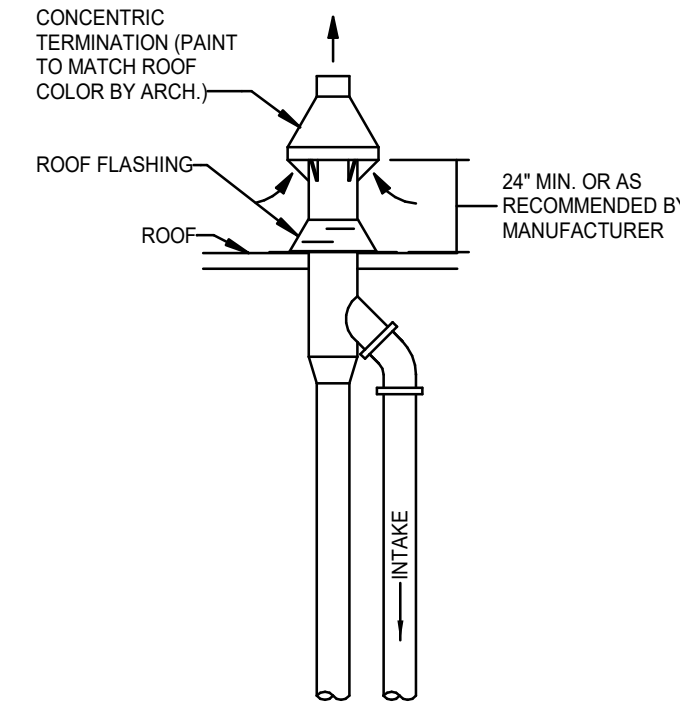
1. ALL PIPING MUST BE INSTALLED IN A NICE CLEAN WORKMANSHIP LIKE MANNER.
2. ALL PIPING FROM MAIN SHALL BE 1/2".
3. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
4. PROVIDE ESCUTCHEONS AT ALL WALL PENETRATIONS.



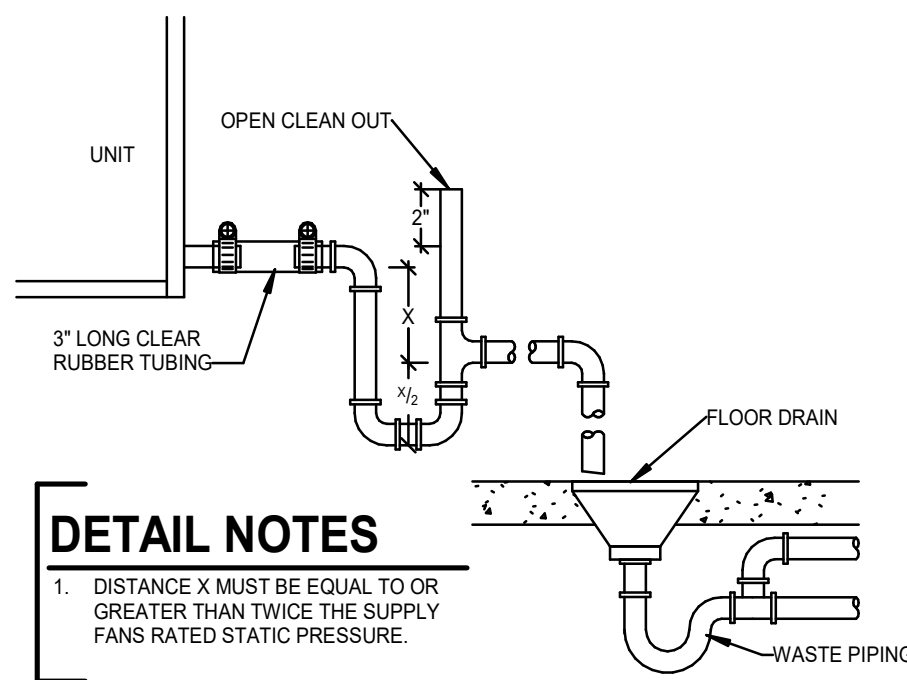
D 1 DOUBLE EXTERIOR CLEANOUT DETAIL
P201 NO SCALE



D 5 MIXING VALVE DETAIL
P201 NO SCALE

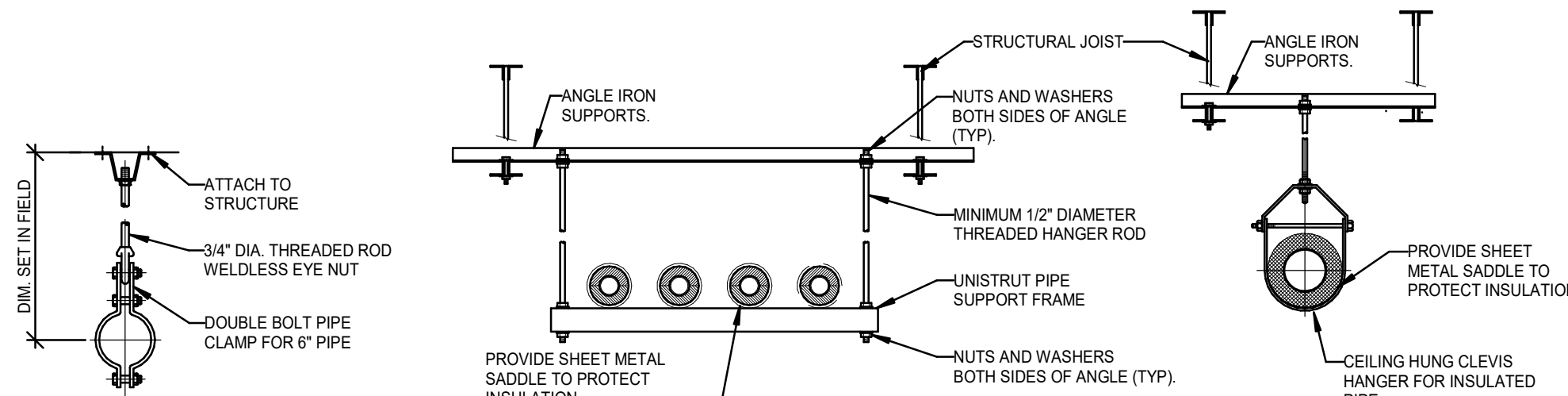


D 6 CONCENTRIC TERMINATION VENTING DETAIL
P201 NO SCALE

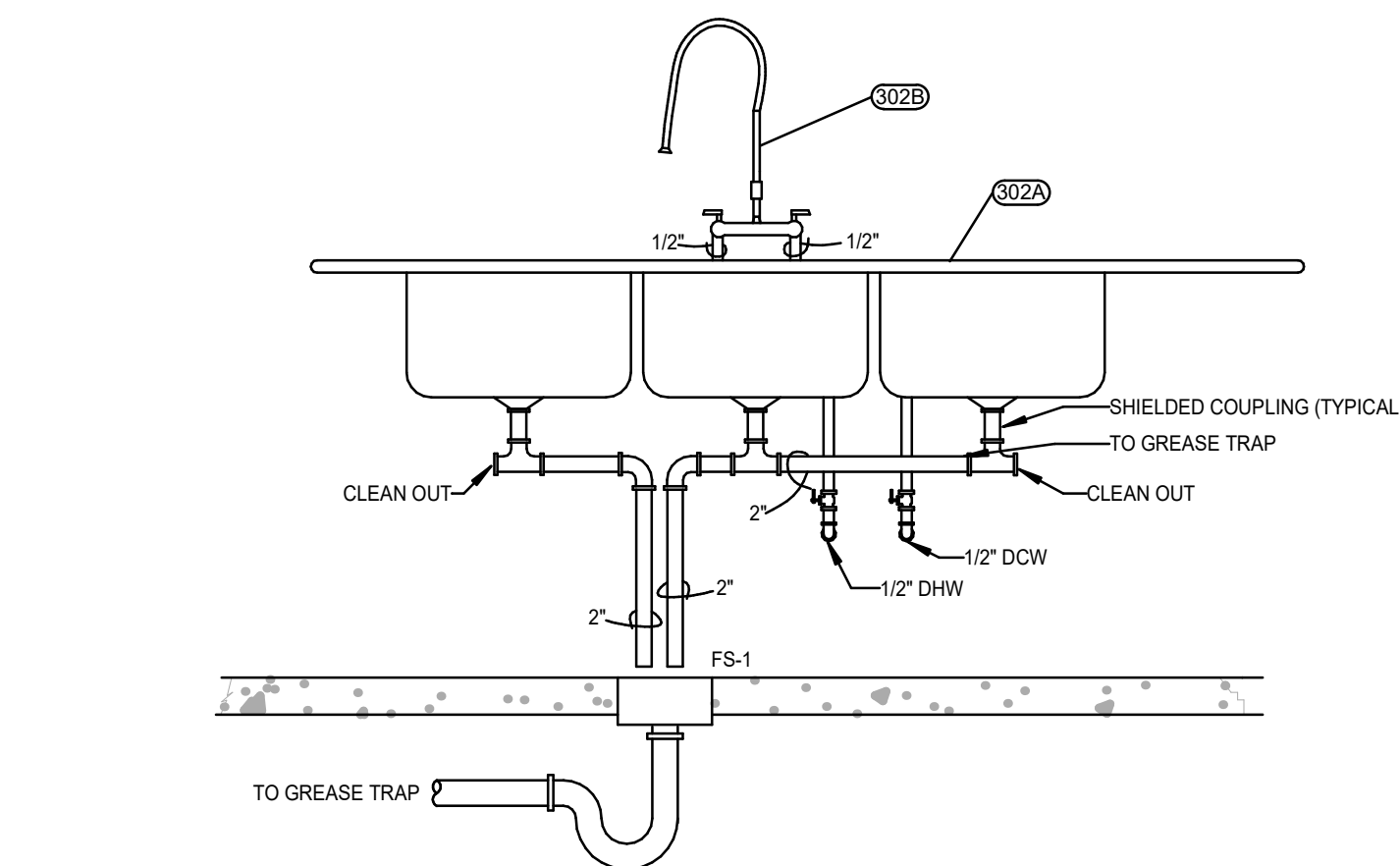


- ### DETAIL NOTES
1. DISTANCE X MUST BE EQUAL TO OR GREATER THAN TWICE THE SUPPLY FANS RATED STATIC PRESSURE.

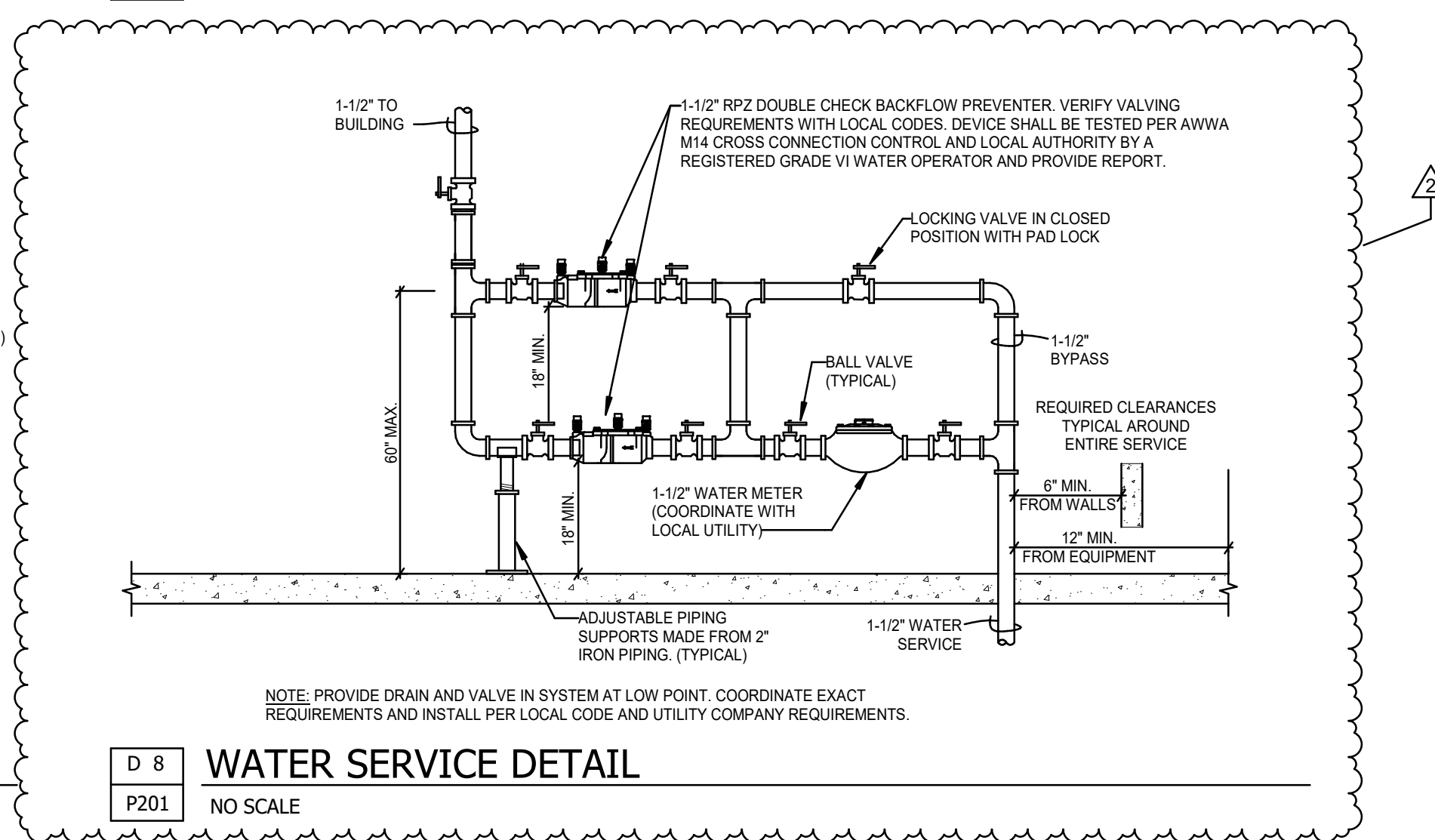
D 2 INDIRECT DRAIN DETAIL
P201 NO SCALE



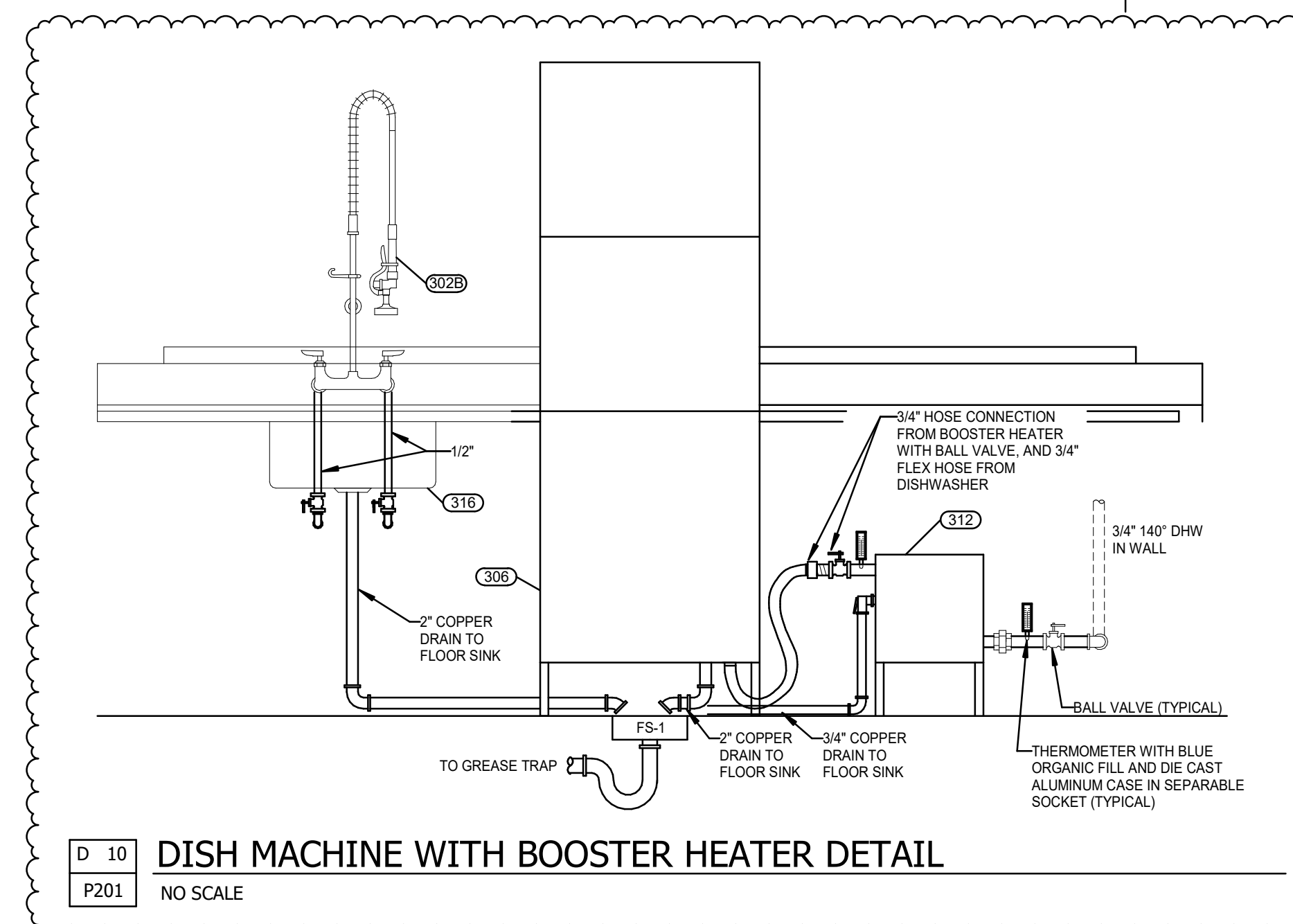
D 7 PIPE SUPPORT DETAIL
P201 NO SCALE



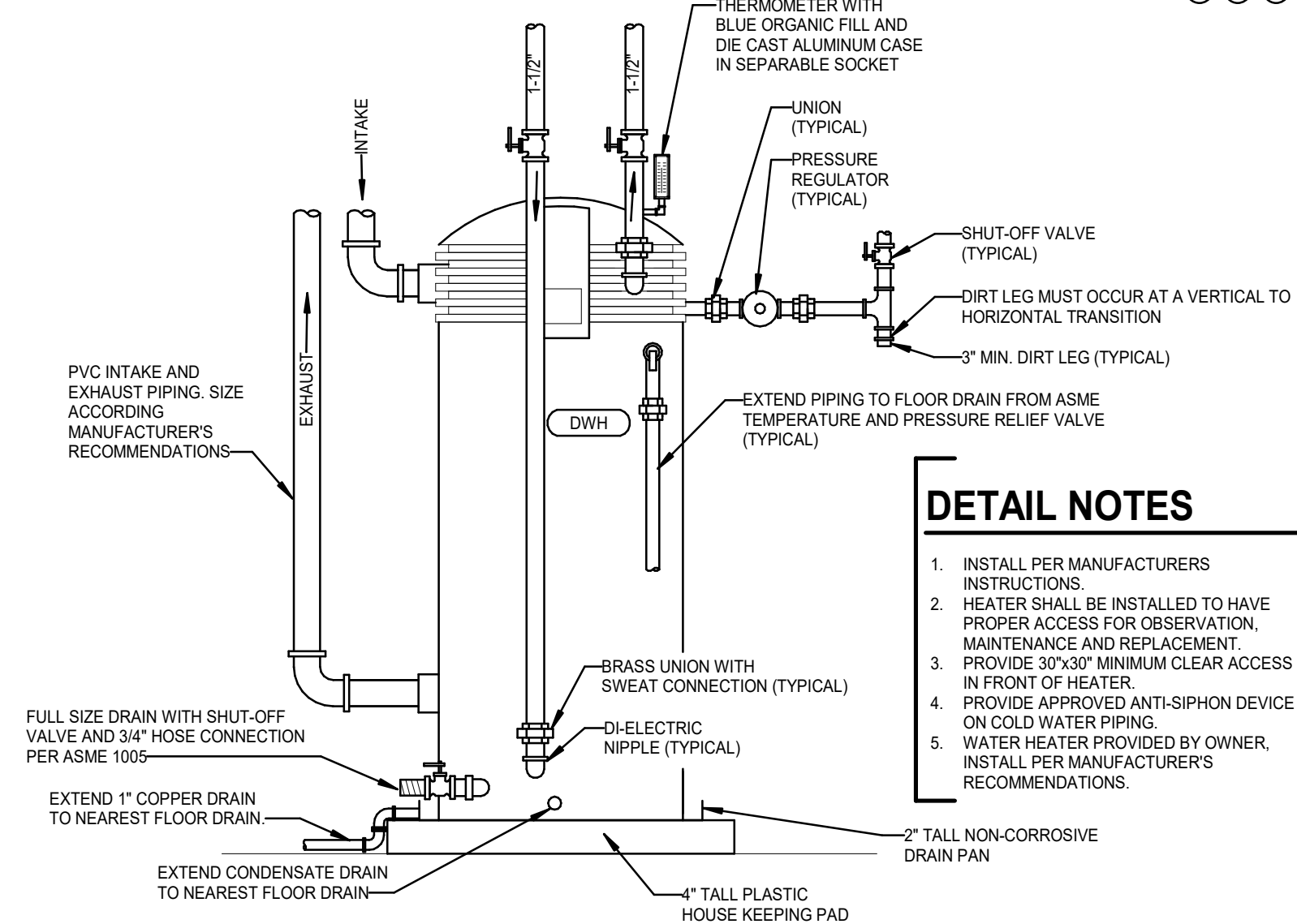
D 3 THREE COMPARTMENT SINK DETAIL
P201 NO SCALE



D 8 WATER SERVICE DETAIL
P201 NO SCALE



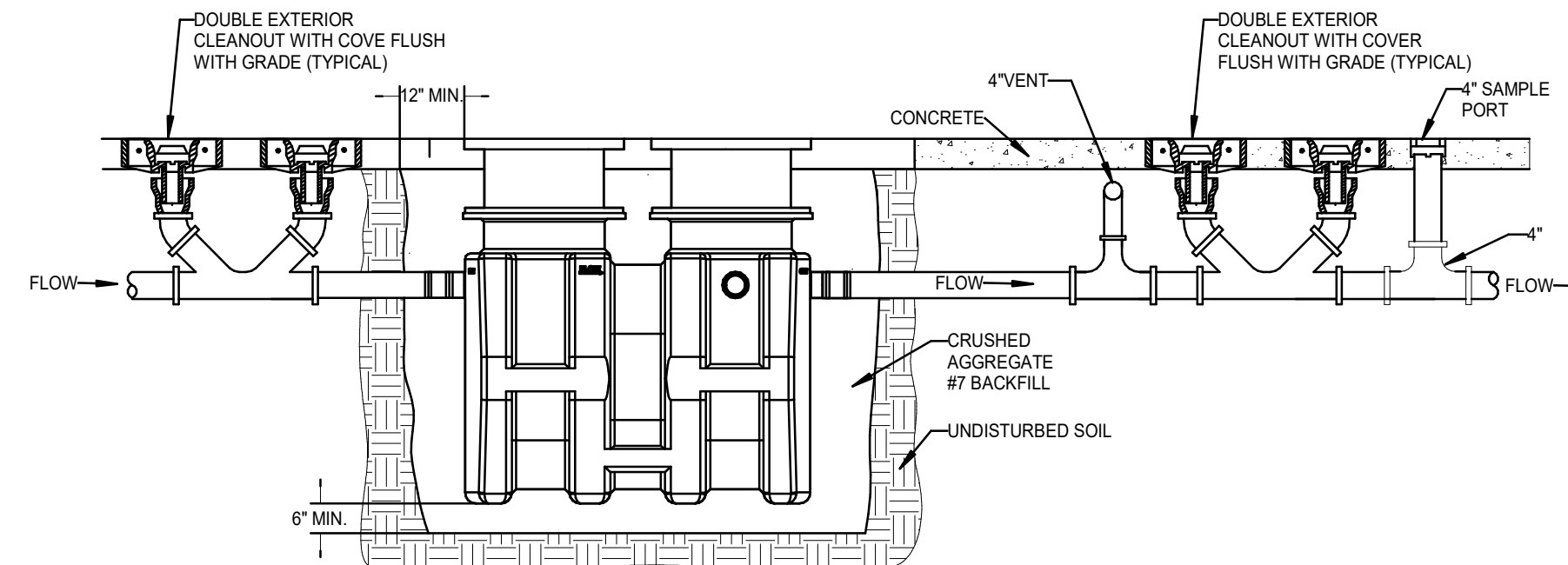
D 10 DISH MACHINE WITH BOOSTER HEATER DETAIL
P201 NO SCALE



DETAIL NOTES

1. INSTALL PER MANUFACTURERS INSTRUCTIONS.
2. HEATER SHALL BE INSTALLED TO HAVE PROPER ACCESS FOR OBSERVATION, MAINTENANCE AND REPLACEMENT.
3. PROVIDE 30x30 MINIMUM CLEAR ACCESS IN FRONT OF HEATER.
4. PROVIDE APPROVED ANTI-SIPHON DEVICE ON COLD WATER PIPING.
5. WATER HEATER PROVIDED BY OWNER. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

D 4 DOMESTIC WATER HEATER DETAIL
P201 NO SCALE



D 9 GREASE INTERCEPTOR DETAILS
P201 NO SCALE

DETAILS SHALL BE USED IN ALL APPLICABLE SITUATIONS WHETHER SPECIFICALLY CALLED OUT OR NOT

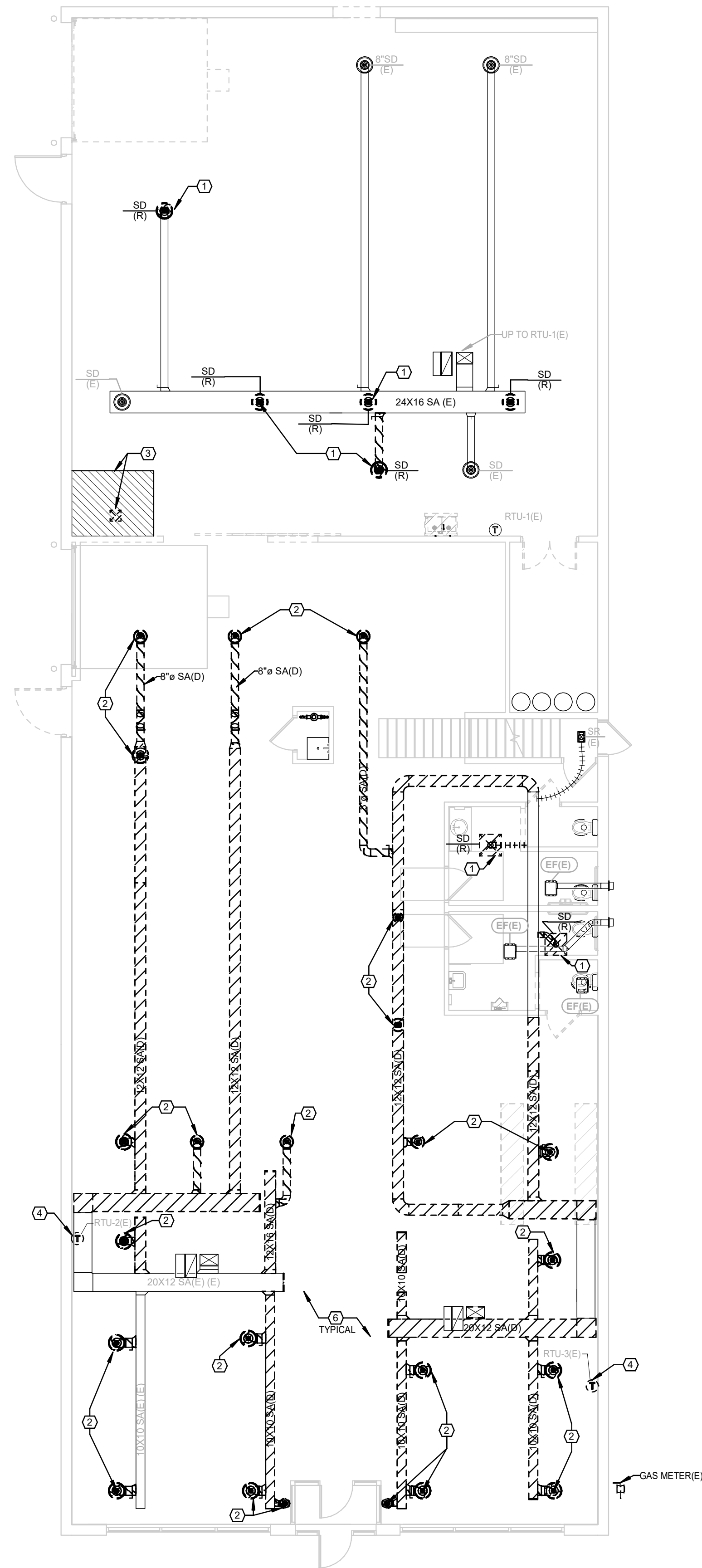
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2	ASI #2	5-24-2024

DATE: 04/05/2024

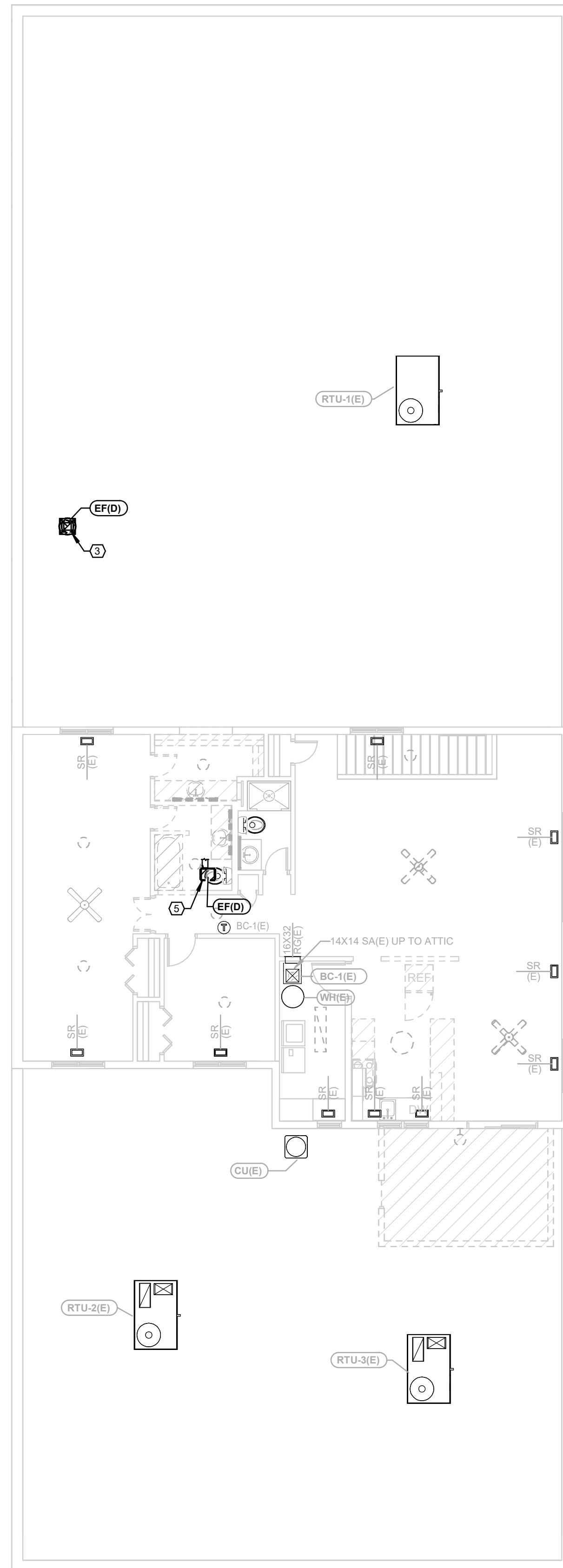


DETAILS - PLUMBING

P201



1 FIRST FLOOR - HVAC DEMO
 MD10 SCALE: 1/8" = 1'-0"



2 SECOND FLOOR - HVAC DEMO
 MD10 SCALE: 1/8" = 1'-0"

KEY NOTES

SYMBOL = (X)

- 1 EXISTING DIFFUSERS TO BE RELOCATED. SEE M101 FOR NEW LOCATION. REMOVE ASSOCIATED DUCT TO EXTENTS SHOWN.
- 2 EXISTING DIFFUSERS TO BE REMOVED. REMOVE ASSOCIATED DUCT TO EXTENTS SHOWN.
- 3 REMOVE EXISTING HOOD, DUCT AND FAN. PATCH ROOF AS REQUIRED.
- 4 EXISTING THERMOSTAT TO BE RELOCATED. SEE M101 FOR NEW LOCATION.
- 5 REMOVE EXISTING EXHAUST FAN, CAP AND ABANDON ASSOCIATED DUCTWORK.
- 6 CONTRACTOR TO SALVAGE DEMO DUCTWORK AND RE-USE TO EXTENTS POSSIBLE WITH NEW DUCTWORK LAYOUT. (TYPICAL)



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 AUTHORIZATION # CA1800

PROJECT # 24-027

**ATTITUDE ON FOOD
 AOF CATERING KITCHEN
 7758 CASS STREET OMAHA, NE 68114**



DATE: 04/05/2024



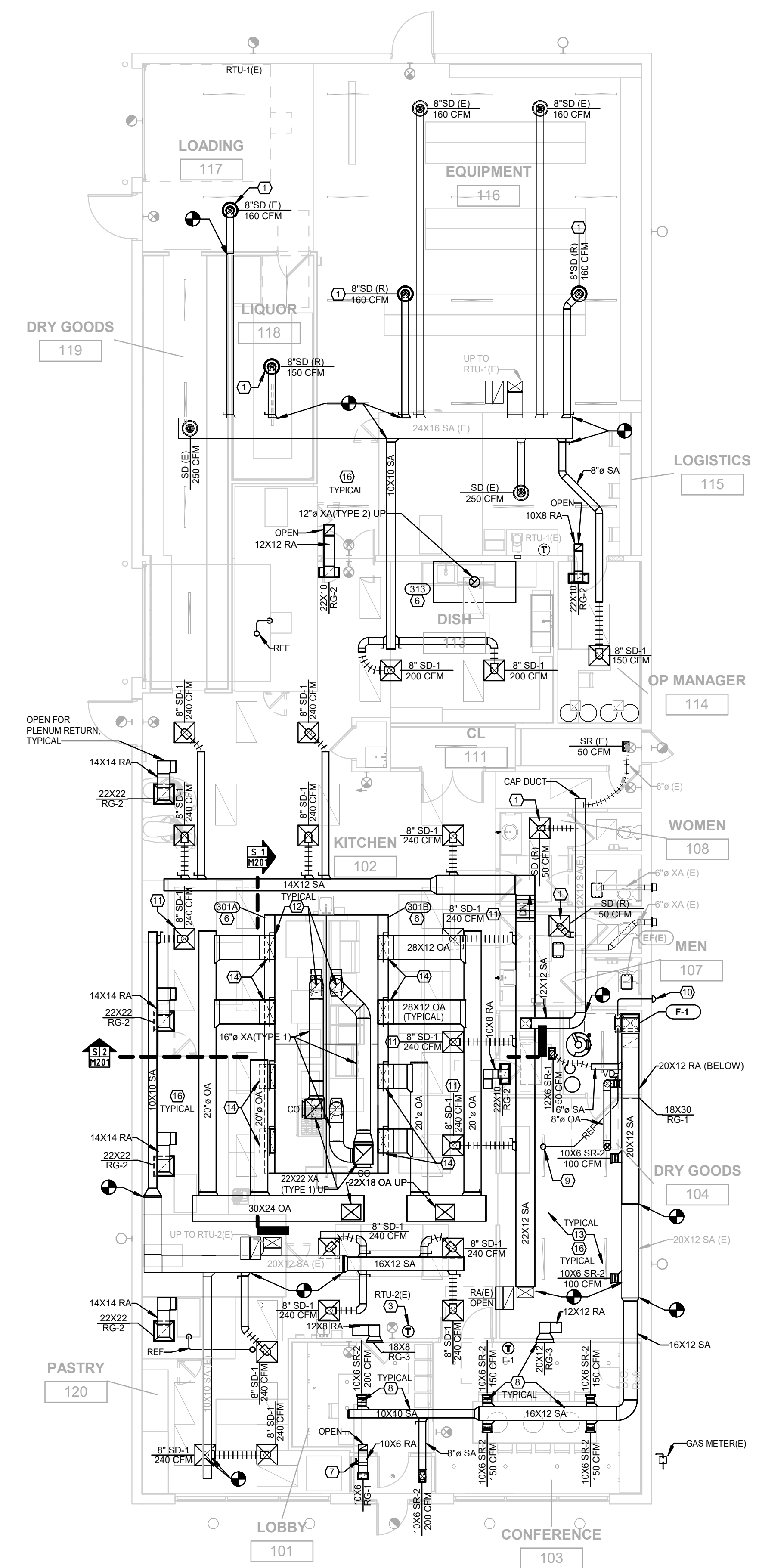
DEMOLITION PLANS -
 HVAC

MD101

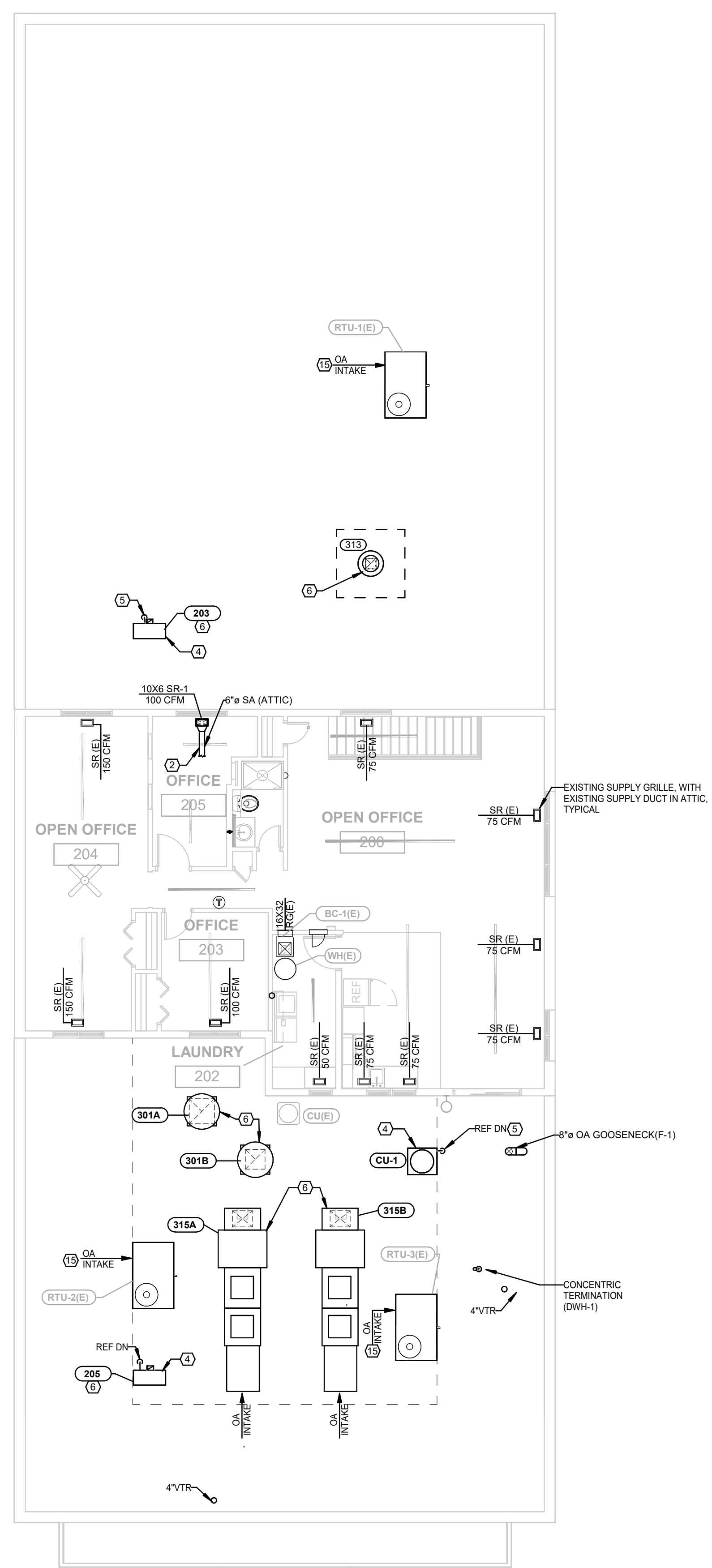
KEY NOTES

SYMBOL = (X)

- 1 NEW LOCATION OF EXISTING DIFFUSER, EXTEND NEW DUCT AS SHOWN.
- 2 EXTEND NEW 6" SUPPLY AIR DUCT TO EXISTING SUPPLY AIR DUCT IN ATTIC AND CONNECT.
- 3 NEW LOCATION OF EXISTING THERMOSTAT, EXTEND NEW WIRING AS REQUIRED TO RE-CONNECT TO EXISTING ASSOCIATED UNIT.
- 4 MOUNT HEAT PUMP ON 4X4 TREATED LUMBER. PROVIDE RUBBER SLIP SHEETS TO PROTECT ROOF.
- 5 EXTEND REFRIGERANT PIPING TO CORRESPONDING INDOOR UNIT. ALL ROUTING, INSULATION, ACCESSORIES, SIZING PER MANUFACTURER'S RECOMMENDATIONS. STEEL NAIL PLATES MUST BE USED WHERE PIPING PENETRATES JOIST OR STUD WITH LESS THAN 2" OF DISTANCE BETWEEN PIPING AND DRYWALL.
- 6 KITCHEN VENTILATION/REFRIGERATION EQUIPMENT TO BE PROVIDED BY OTHERS. MECHANICAL CONTRACTOR TO RECEIVE, SET AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- 7 BALANCE RETURN TO KEEP A POSITIVE PRESSURE IN VESTIBULE WITHOUT HOLDING ANY DOORS OPEN. PROVIDE MANUAL BALANCING DAMPER AT EASILY ACCESSIBLE LOCATION.
- 8 EXPOSED DUCTWORK AND ACCESSORIES IN LOBBY-101 AND CONFERENCE-103 TO BE PAINT GRIP CONSTRUCTION, PAINTED BLACK. COORDINATE PAINTING WITH GC. REGISTERS/GRILLES IN ROOMS TO BE PROVIDED WITH BLACK FINISH.
- 9 EXTEND REFRIGERANT PIPING UP THROUGH ROOF IN METAL PITCH POCKET.
- 10 EXTEND INTAKE AND EXHAUST PIPING TO THE EXTERIOR AS REQUIRED AND TERMINATE WITH CONCENTRIC TERMINATION KIT. ALL ROUTING, ACCESSORIES AND SIZING PER MANUFACTURER'S RECOMMENDATIONS.
- 11 BLANK OFF DIFFUSER AIRFLOW IN DIRECTION TOWARDS HOOD.
- 12 CONTRACTOR TO FIELD CUT HOOD DUCT CONNECTIONS. COORDINATE EXACT LOCATION WITH STRUCTURE. REFER TO HOOD OUTSHEET FOR OPENING SIZES. CUT AS CLOSE TO CENTER AS POSSIBLE IN SPACES BETWEEN JOISTS (TYPICAL).
- 13 RE-USE SALVAGED DUCTWORK TO EXTENTS POSSIBLE FOR NEW LAYOUT. (TYPICAL)
- 14 PROVIDE MANUAL BALANCING DAMPER IN BRANCH DUCT TO HOOD SUPPLY PLENUM AND BALANCE TO 1250 CFM.
- 15 BALANCE EXISTING FRESH AIR INTAKE TO 350 CFM.
- 16 ALL NEW, RE USED AND EXISTING DUCTWORK TO BE SEALED AND INSULATED PER THE DUCT SCHEDULE.



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



2 SECOND FLOOR - HVAC
SCALE: 1/8" = 1'-0"

00006 - MPE (Frank Reida)
HVAC to meet IMC 2012 or ASHRAE 62.1



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ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114



DATE: 04/05/2024



FLOOR PLANS - HVAC

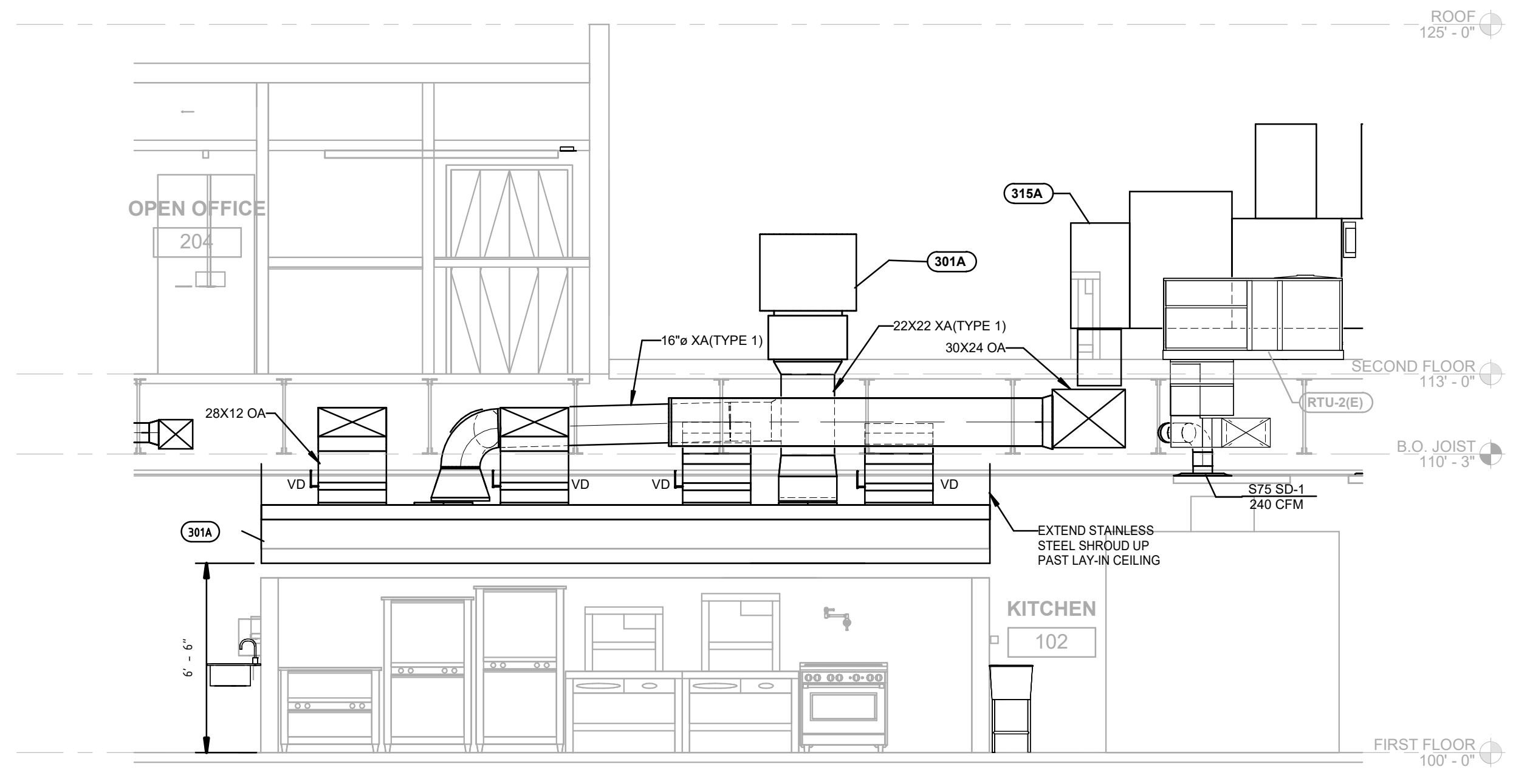
M101



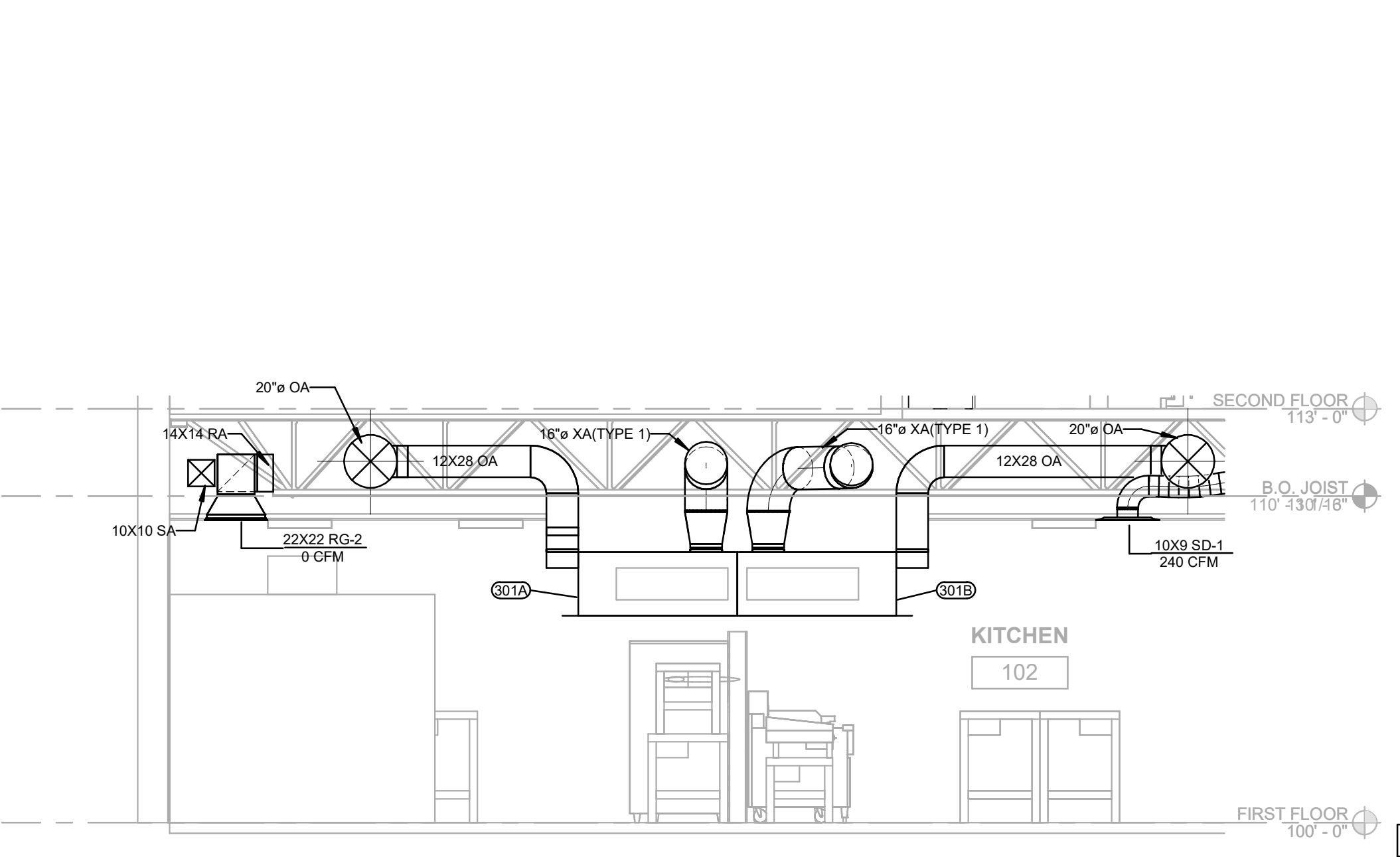
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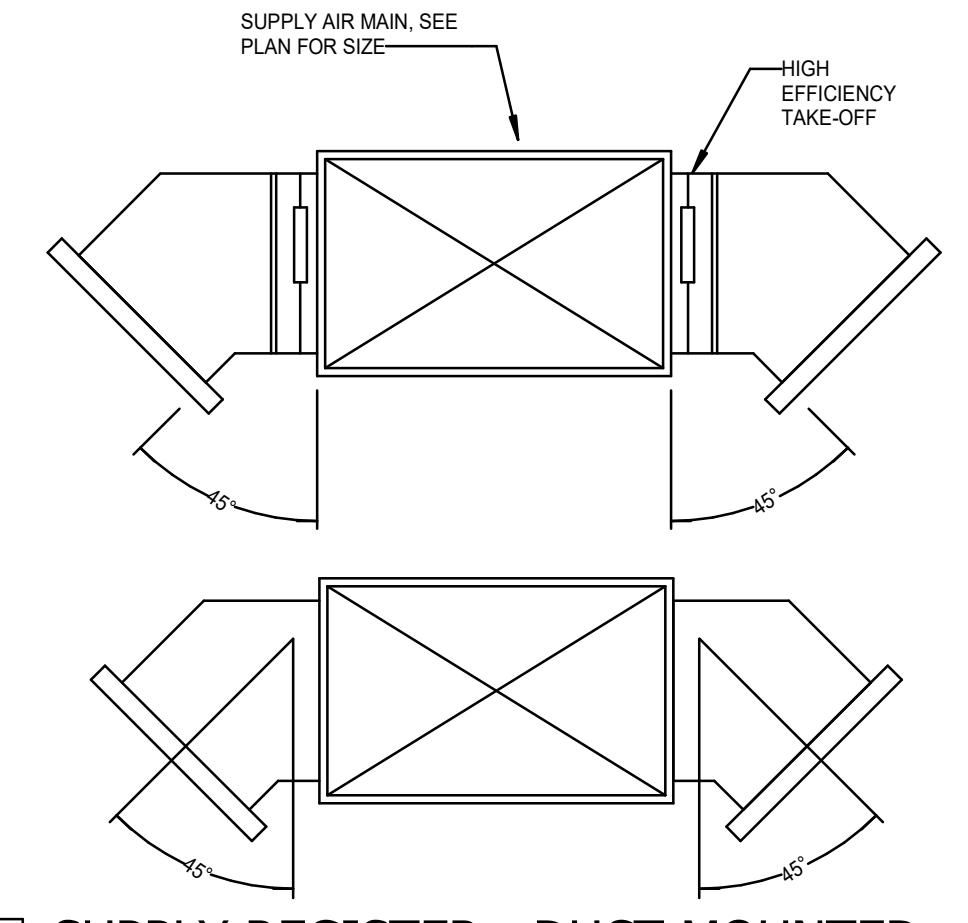
DETAILS - HVAC



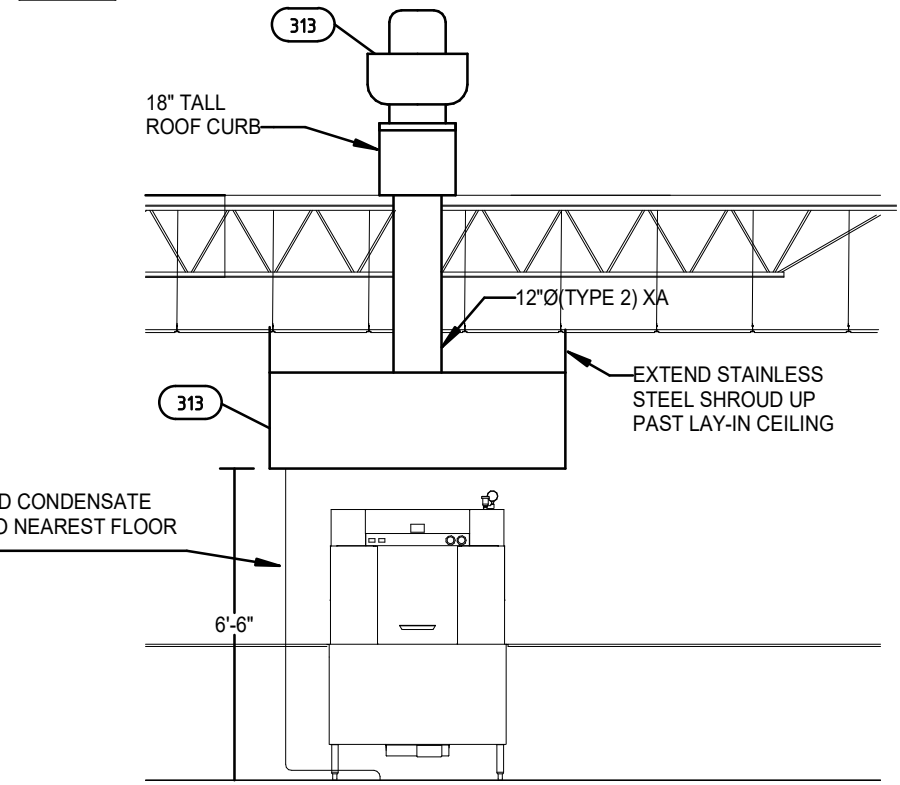
S 1 SECTION @ KITCHEN HOOD 301A
SCALE: 1/4" = 1'-0"



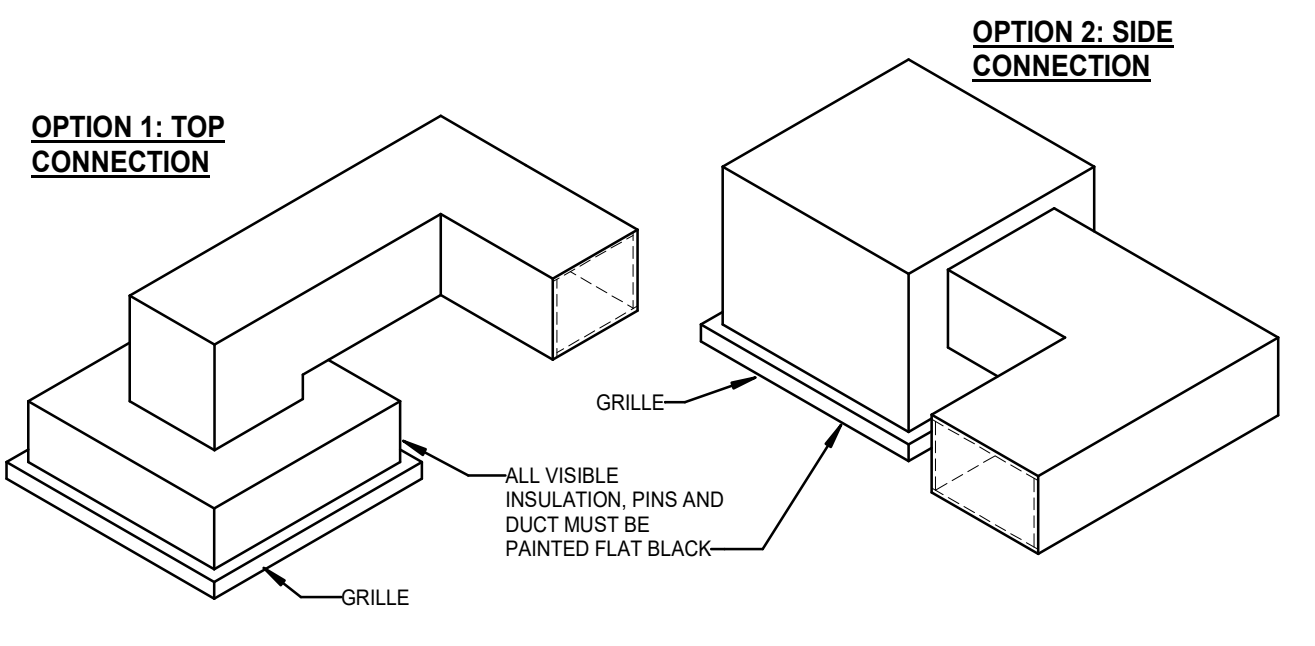
S 2 SECTION @ KITCHEN HOODS
SCALE: 1/4" = 1'-0"



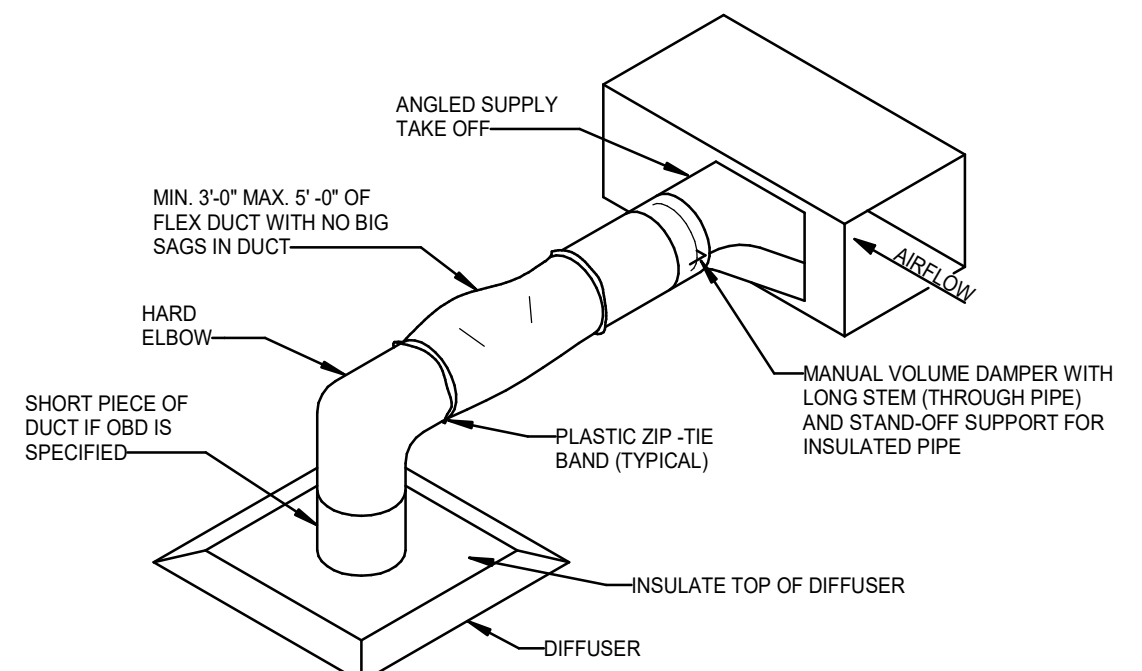
D 10 SUPPLY REGISTER - DUCT MOUNTED
NO SCALE



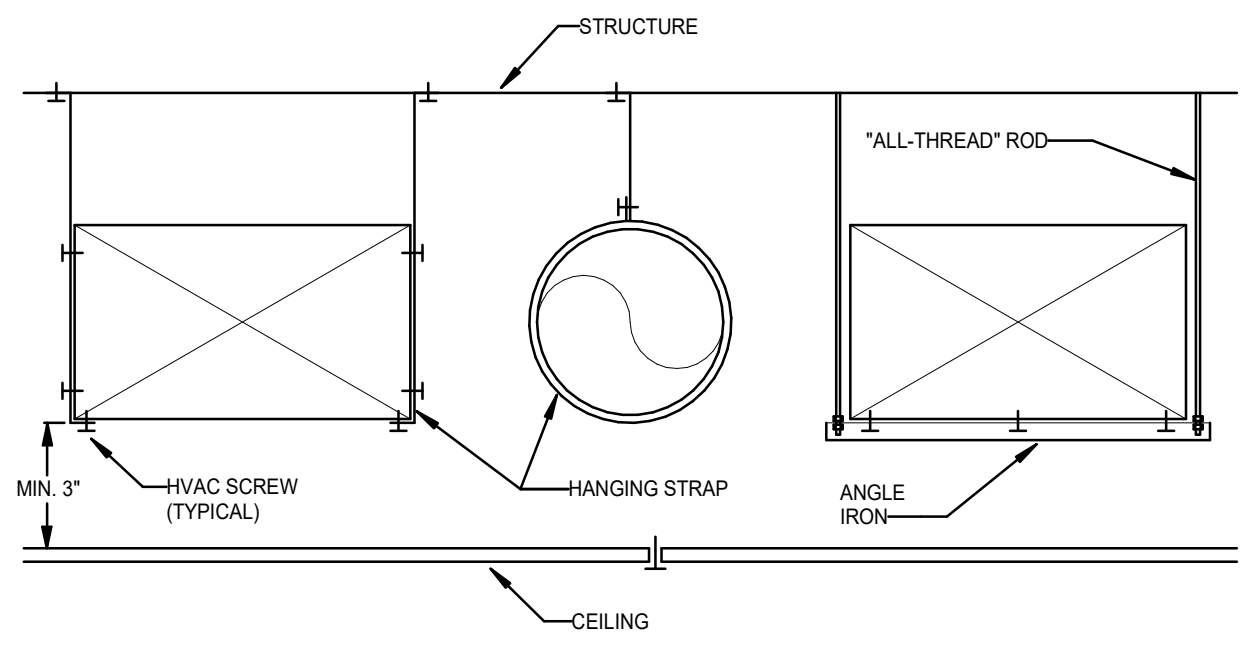
D 7 DISH HOOD DETAIL
NO SCALE



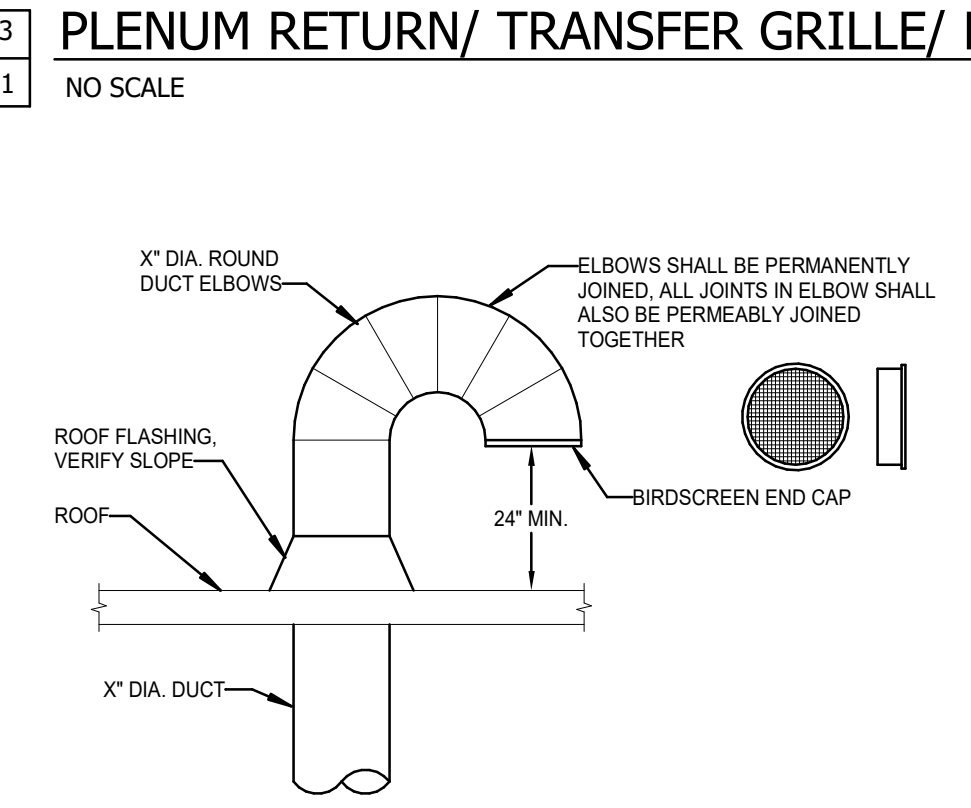
D 3 PLENUM RETURN/ TRANSFER GRILLE/ DUCT DETAIL
NO SCALE



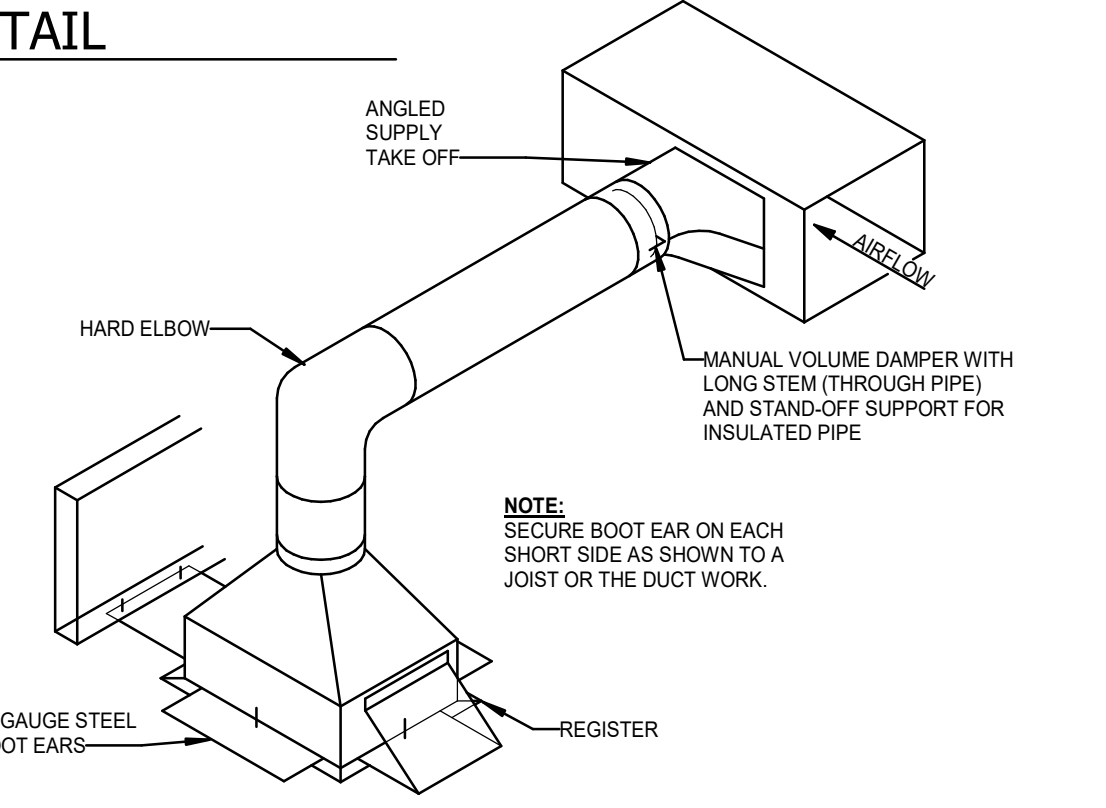
D 1 LAY-IN SUPPLY DIFFUSER DETAIL
NO SCALE



D 8 DUCT SUPPORT DETAIL
NO SCALE



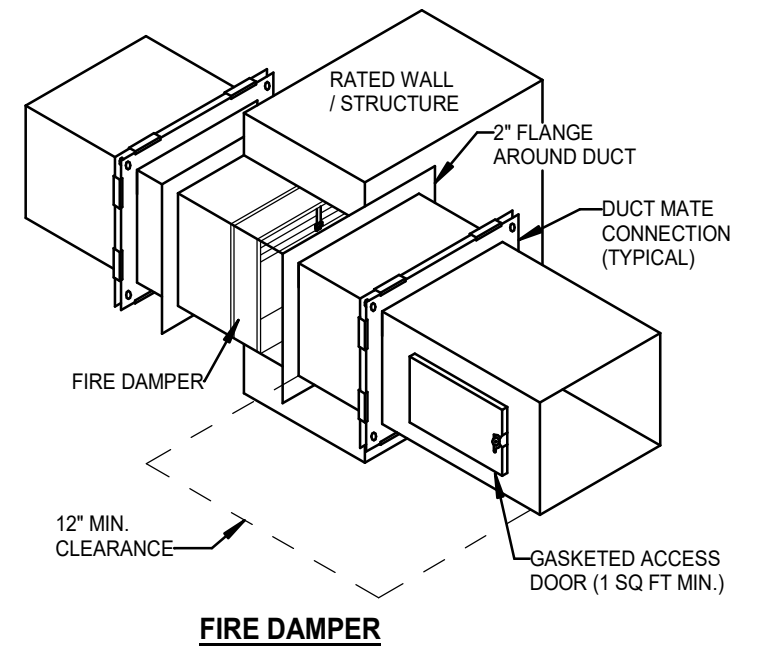
D 6 GOOSENECK DETAIL
NO SCALE



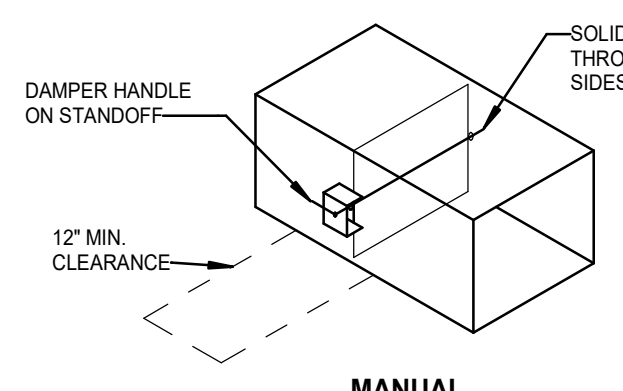
D 4 SUPPLY REGISTER DETAIL
NO SCALE

DETAIL NOTES

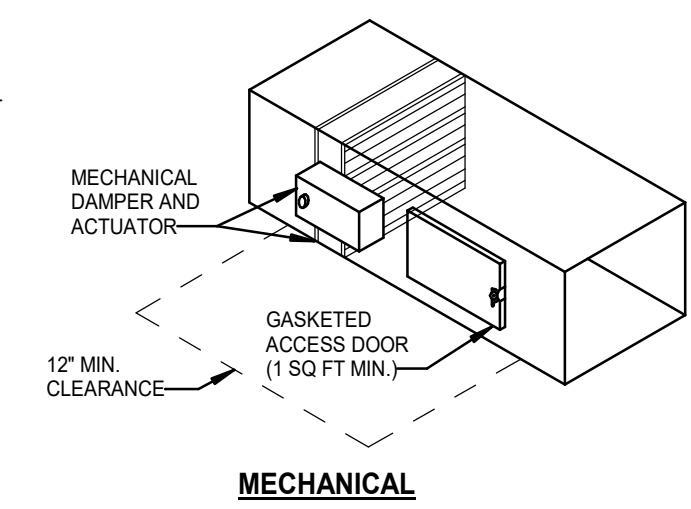
- A. WHEN TYPICAL INSTALLATION IS NOT POSSIBLE CONSULT ARCHITECT, MECHANICAL AND STRUCTURAL ENGINEERS BEFORE INSTALLATION.
- B. INSTALLATION WITH FULL ACCESS TO ALL COMPONENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ANY CHANGES MADE TO THE INSTALLATION SHALL BE MADE AT NO ADDITIONAL COST. IF ACCESS DOORS IN WALLS ARE REQUIRED, THEY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. FIRE RATED ACCESS DOOR SHOULD BE PROVIDED IN RATED WALLS.
- C. WHERE THE INSULATION STOPS FOR THE DAMPER, THE EDGE OF THE INSULATION SHALL BE CAPPED WITH 1\"/>



FIRE DAMPER



D 2 DAMPER DETAIL
NO SCALE



MECHANICAL

DETAIL NOTES

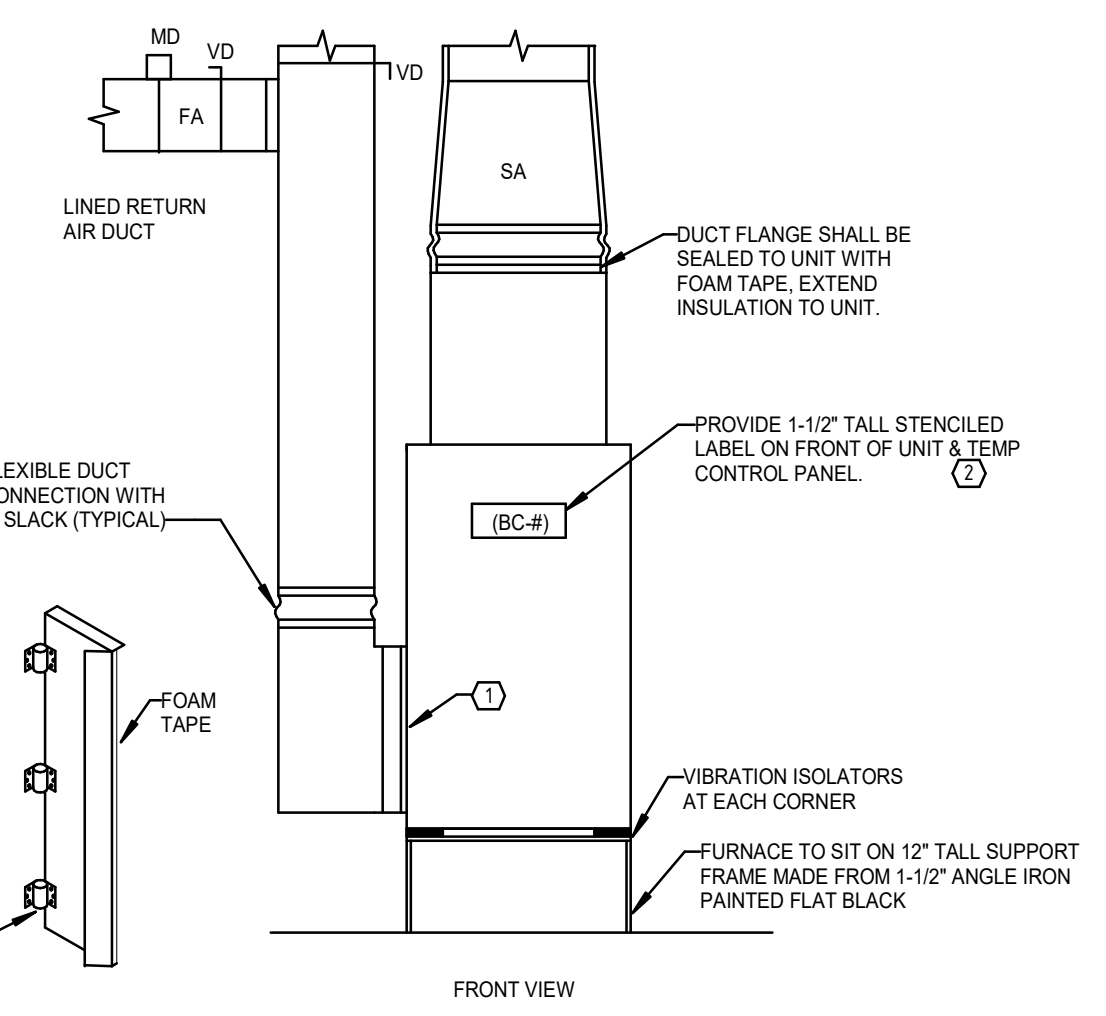
KEY NOTE SYMBOL = (K)

GENERAL NOTES

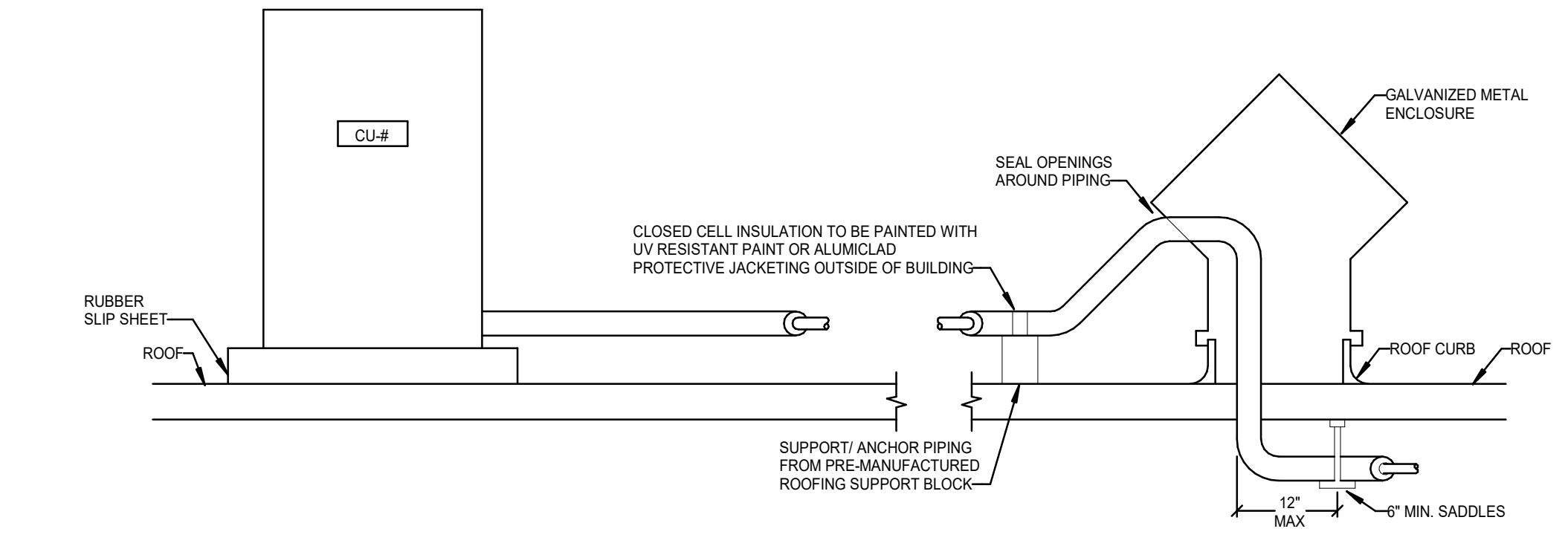
- A. VERTICAL UNIT SHOWN. ALL ITEMS APPLY TO HORIZONTAL UNIT CONFIGURATION.
- B. WHEN TYPICAL INSTALLATION IS NOT POSSIBLE CONSULT ARCHITECT, MECHANICAL, AND STRUCTURAL ENGINEERS BEFORE INSTALLATION.
- C. INSTALLATION WITH FULL ACCESS TO ALL COMPONENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ANY CHANGES MADE TO THE INSTALLATION SHALL BE MADE AT NO ADDITIONAL COST.

KEY NOTES

- 1. PROVIDE 2\"/>



D 9 BLOWER COIL CONNECTION DETAIL
NO SCALE



D 5 REFRIGERANT PIPING DETAIL
NO SCALE

DETAILS SHALL BE USED IN ALL APPLICABLE SITUATIONS WHETHER SPECIFICALLY CALLED OUT OR NOT

FIRST FLOOR AIR BALANCE SCHEDULE

Table with 3 columns: MARK, EXHAUST AIR (CFM), OUTSIDE AIR (CFM). Rows include RTU-1(E), RTU-2(E), RTU-3(E), F-1, EXHAUST AIR FROM RESTROOMS, KITCHEN HOOD EXHAUST FANS 301, KITCHEN MAKE-UP AIR UNIT 315A, KITCHEN MAKE-UP AIR UNIT 315B, DISH HOOD EXHAUST FAN 313, AIR TOTALS WITH ALL EQUIPMENT RUNNING, and FIRST FLOOR BUILDING PRESSURE.

- AIR BALANCE SCHEDULE NOTES
1. BUILDING FRESH AIR AND EXHAUST FOR RESTROOMS ARE TO RUN WHEN BUILDING IS OCCUPIED.
2. KITCHEN HOOD IS TO BE INTERLOCKED WITH MAU 315A, MAU 315B. MAKE-UP AIR UNITS SHALL TURN ON WHEN KITCHEN HOOD EXHAUST FANS ARE RUNNING.

OUTSIDE AIR SCHEDULE

Table with 7 columns: ROOM NAME, ROOM SQUARE FEET, NUMBER OF PEOPLE, OUTSIDE AIR (CFM/PERSON), OUTSIDE AIR (CFM/SQ.FT), REQUIRED OUTSIDE AIR (CFM), NOTES. Rows include RTU-1(E), RTU-2(E), RTU-3(E), F-1, and BC-1(E).

- OUTSIDE AIR SCHEDULE NOTES
1. OUTSIDE AIR CALCULATIONS ARE BASED ON ASHRAE-62.1 2004.
2. OCCUPANT LOAD DETERMINED BY ACTUAL SEAT COUNT AND ANTICIPATED OCCUPANCY BY THE OWNER AT PEAK TIMES.

HVAC SCHEDULES

PROVIDE SPECIFIED OR APPROVED EQUAL

DUCT MATERIAL AND INSULATION

Table with 12 columns: DUCT, DUCT LOCATION, SPACE, MATERIAL, TYPE, CONNECTION, MATERIAL, SKIN TYPE, THICKNESS, DENSITY LB/FT^3, MN. R VALUE, NOTES. Rows include FLUE, FRESH AIR, RETURN/TRANSFER AIR, SUPPLY AIR, and TYPE I/II HOOD EXHAUST.

- SPACE DEFINITION
A. PARTIALLY CONDITIONED SPACE: A SPACE THAT HAS A TEMPERATURE DIFFERENTIAL BETWEEN THE AIR IN DUCT AND THE SURROUNDING GREATER THAN 15°.
B. CONDITIONED SPACE: A SPACE THAT HAS A TEMPERATURE DIFFERENTIAL BETWEEN THE AIR IN THE DUCT AND THE SURROUNDING LESS THAN 15°.
C. UNCONDITIONED SPACE: A SPACE WHOSE TEMPERATURE IS THE SAME AS OUTDOORS OR WORSE (FURTHER FROM ROOM SET POINT) OR IS THE OUTDOORS.
D. EXTERIOR (OUTSIDE): LOCATED OUTSIDE OF THE BUILDING ENVELOPE. EXPOSED TO THE WEATHER.
WHERE DUCT INSULATION IS SPECIFIED:
A. ALL DUCTS SHALL BE COMPLETELY INSULATED ON ALL SIDES ENCOMPASSING DUCT SUPPORTS/ HANGERS WITH INSULATION SEALED TO SUPPORTS AS THEY PENETRATE INSULATION.
B. ALL SUPPLY AND FRESH AIR DIFFUSERS AND REGISTERS INCLUDING DUCT BOOTS SHALL BE COMPLETELY WRAPPED IN INSULATION DOWN TO THE CEILING TO PREVENT CONDENSATION.
C. ALL INSULATION HOLES FROM TESTING AND BALANCING SHALL BE RE-SEALED.
D. ALL BALANCING DAMPERS SHALL HAVE THE HANDLES OUTSIDE THE INSULATION, WITH A PROPER STANDOFF/ SHAFT LENGTH TO ALLOW PROPER DAMPER ADJUSTMENT.

DUCT MATERIAL AND INSULATION SCHEDULE NOTES

- 1. ALL DUCTWORK SHALL BE CONSTRUCTED, REINFORCED AND SUPPORTED ACCORDING TO CURRENT MECHANICAL CODE, SMACNA STANDARDS, AND PER REQUIREMENTS OF CURRENT EDITION OF INTERNATIONAL ENERGY CODES.
2. INSULATION SHALL HAVE A FHC OF 25/50 AND BE CLASSIFIED AS MEETING THE REQUIREMENTS OF LIMITED COMBUSTIBILITY.
3. DUCT WRAP INSULATION: INSULATION SHALL COMPLY WITH ASTM C 553. TAPE AND SEAL INSULATION ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
4. DUCT LINER INSULATION: INSULATION SHALL COMPLY WITH ASTM C 1071.
5. IF DUCT IS GOING TO BE PAINTED, THOROUGHLY CLEAN AND DRY OUTSIDE OF DUCT WITH A WARM SOAPY SOLUTION CONSISTING OF 'SIMPLE GREEN' CLEANER AND WATER PRIOR TO BEING PAINTED.
6. WRAP SHALL HAVE A ZERO CLEARANCE TO COMBUSTIBLES AND BE IN COMPLIANCE WITH NFPA 96 1999 EDITION, INTERNATIONAL MECHANICAL CODE, AND UNIFORM MECHANICAL CODE.
7. DUCT HOODS SHALL BE COMPLETELY GROUND AND POLISHED ON ALL EXPOSED SURFACES TO A 4B FINISH.
8. ENTIRE DUCTWORK SYSTEM SHALL BE FULLY SEALED AND WATER-TIGHT.
9. SLOPE DUCT TOWARDS HOOD AT 1/4" OF FALL PER FOOT.
10. ANY FLUE PIPING RUNNING THROUGH AN OPEN PLENUM RETURN SHALL BE INSULATED WITH FHC 25/150 RATED INSULATION.
11. DUCT SHALL BE WRAPPED WITH FLEXIBLE ELASTOMERIC WRAP WITH SAME R VALUE UP TO FIRST UNIT FROM LOUVER/HOOD.

DIFFUSERS, GRILLES, REGISTERS AND LOUVERS

Table with 8 columns: MARK, FIXTURE, MANUFACTURER, MODEL #, DAMPER, FINISH, MOUNTING TYPE, DESCRIPTION AND OPTIONS. Rows include RG-1, RG-2, RG-3, SD-1, SR-1, SR-2.

- DIFFUSERS, GRILLES, REGISTERS AND LOUVERS SCHEDULE NOTES
A. COORDINATE FINISH COLOR WITH ARCHITECT. LOCATION AND MOUNTING TYPE FOR ALL REGISTER, GRILLES AND DIFFUSERS WITH GENERAL CONTRACTOR PRIOR TO ORDERING.
B. PROVIDE SIZE AND SHAPE AS SHOWN ON THE DRAWING.
C. PROVIDE INSULATION BLANKET ON THE BACK OF DIFFUSERS.

FURNACES

Table with 13 columns: MARK, MANUFACTURER, MODEL #, EVAP. COIL MODEL #, CFM, E.S.P. IN W.C., BLOWER HP, GAS HEATING INPUT (MBH), VOLT, ELECTRICAL PHASE, MCA, MOP, OA CFM/SIZE, NOTES. Row includes F-1.

CONDENSING UNITS

Table with 13 columns: MARK, MANUFACTURER, MODEL #, TOTAL MBH, SENS. MBH, STAGES, EER @ AHRI, VOLT, PHASE, MCA, MOP, NOTES. Row includes CU-1.

- FURNACE AND CONDENSING UNIT SCHEDULE NOTES
1. ALL CAPACITIES BASED ON ARI STANDARDS, 85 F DB/74 F WB AMBIENT AIR & 80 F WB RETURN AIR
2. FILTER AND FILTER RACK SHALL BE PROVIDED WITH UNIT.
3. CONCENTRIC TERMINATION KIT SHALL BE PROVIDED WITH UNIT FOR INTAKE AND EXHAUST PIPING.
4. THERMOSTAT SHALL BE 7 DAY PROGRAMMABLE THERMOSTAT WITH HEAT-OFF-COOL-AUTO SYSTEM SELECTION AND AUTO-ON FAN SWITCH. THERMOSTAT SHALL HAVE BATTERY BACK-UP POWER.
5. CONDENSING UNIT SHALL HAVE LOW AMBIENT CONTROLS, A HIGH PRESSURE SWITCH AND LOW PRESSURE SWITCH.



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CERTIFICATE OF AUTHORIZATION # CA1800 PROJECT # 24-027

ATTITUDE ON FOOD AOF CATERING KITCHEN 7758 CASS STREET OMAHA, NE 68114



SCHEDULES - HVAC





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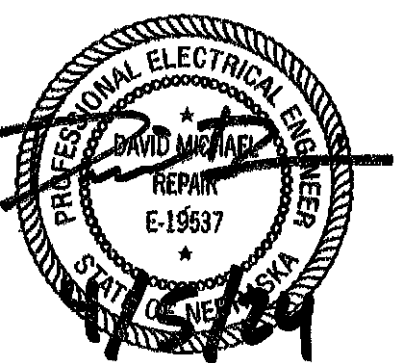
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PROJECT # 24-027

ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114



DATE: 04/05/2024



FIRST FLOOR PLAN -
LIGHTING DEMO

ED101



1 FIRST FLOOR - LIGHTING DEMO
ED101 SCALE: 1/8" = 1'-0"

KEY NOTES

SYMBOL = (X)

1 EXISTING FAN CONTROLS TO REMAIN. REMOVE EXISTING LIGHTING CONTROLS.

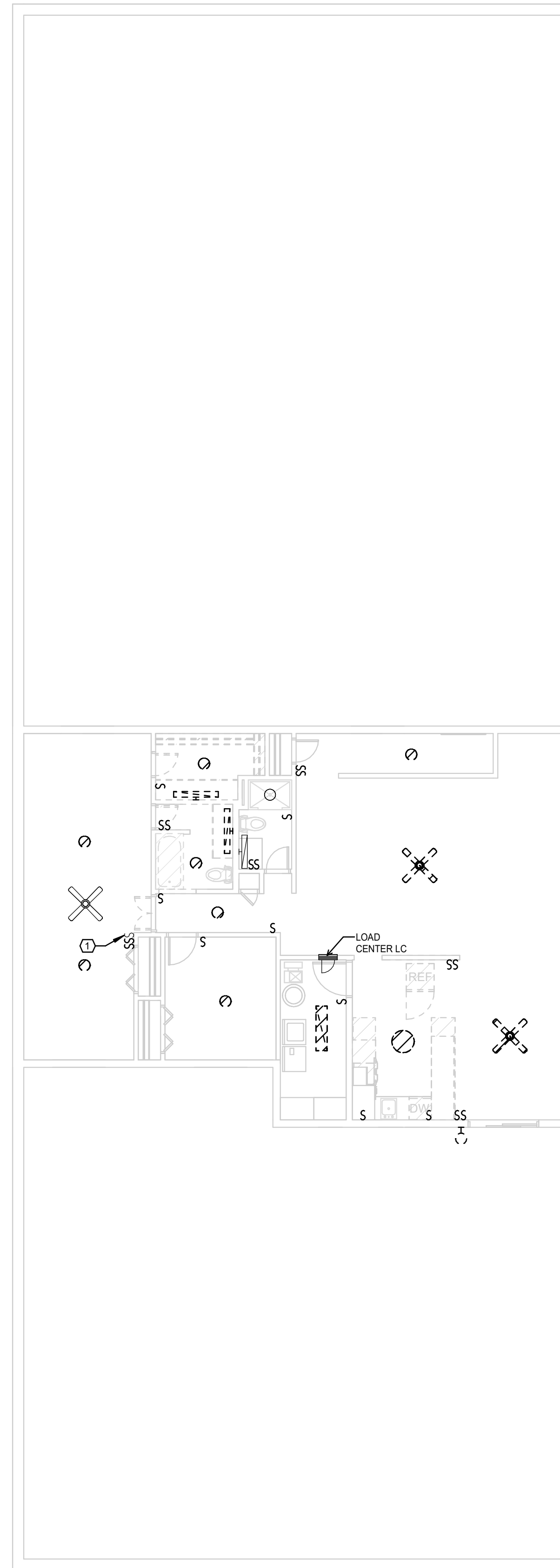


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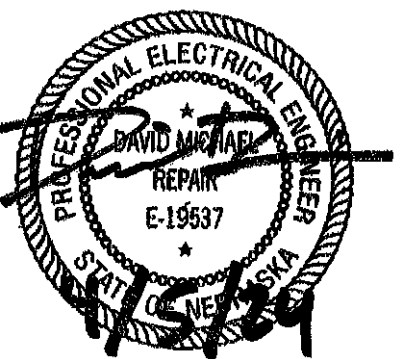
PROJECT # 24-027



**ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114**



DATE: 04/05/2024



SECOND FLOOR PLAN -
LIGHTING DEMO

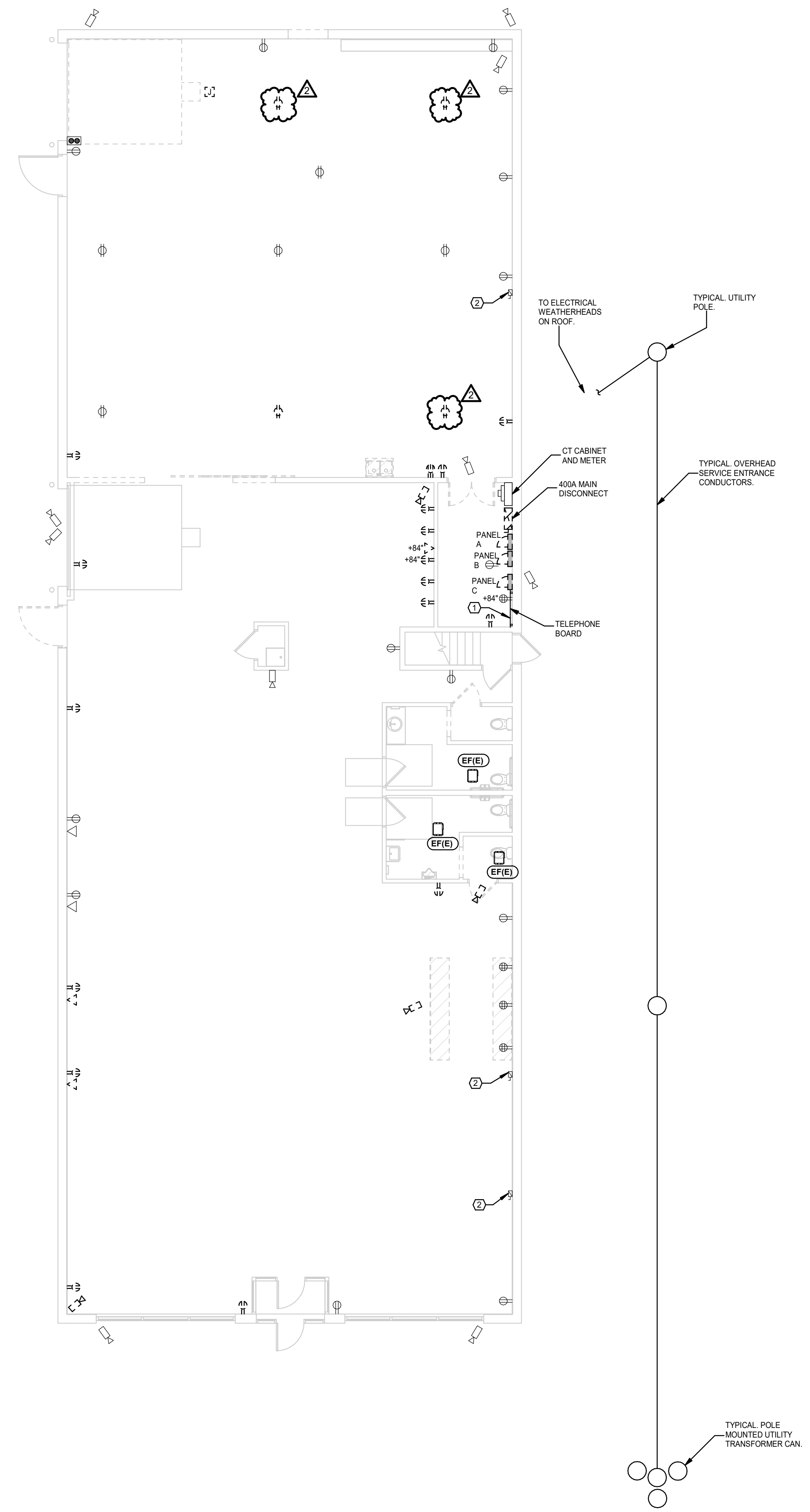
ED102

N
↑
1
ED102
SECOND FLOOR - LIGHTING DEMO
SCALE: 1/8" = 1'-0"

KEY NOTES

SYMBOL = (X)

- 1 REMOVE EXISTING LOW VOLTAGE HEAD END EQUIPMENT THAT IS NO LONGER NEEDED. COORDINATE WITH OWNER.
- 2 FIELD VERIFY EQUIPMENT SERVED BY DISCONNECT. IF EQUIPMENT SERVED IS NOT EXISTING TO REMAIN, REMOVE DISCONNECT. PROVIDE NEC COMPLIANT ENCLOSURE AND COVER FOR ANY EXISTING TO REMAIN PULL BOXES.



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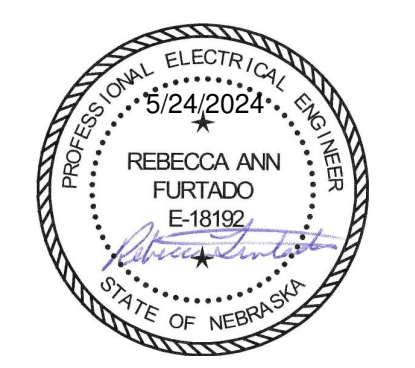
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PROJECT # 24-027

ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114

No.	Issued For	Date
2	ASI #2	5-24-2024

DATE: 04/05/2024



FIRST FLOOR PLAN -
 POWER DEMO

ED201

KEY NOTES

SYMBOL = (X)

- 1 REPLACE EXISTING RECEPTACLE WITH NEW IN SAME LOCATION. REUSE EXISTING WIRING AND CONDUIT TO THE EXTENT POSSIBLE. REFERENCE NEW POWER PLAN FOR FURTHER INFORMATION.



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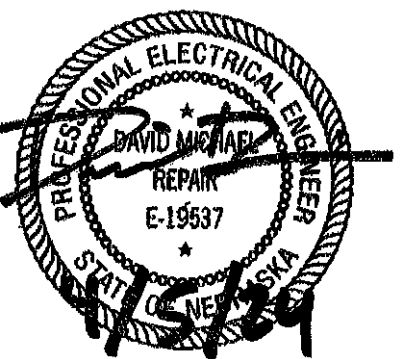
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PROJECT # 24-027

**ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114**

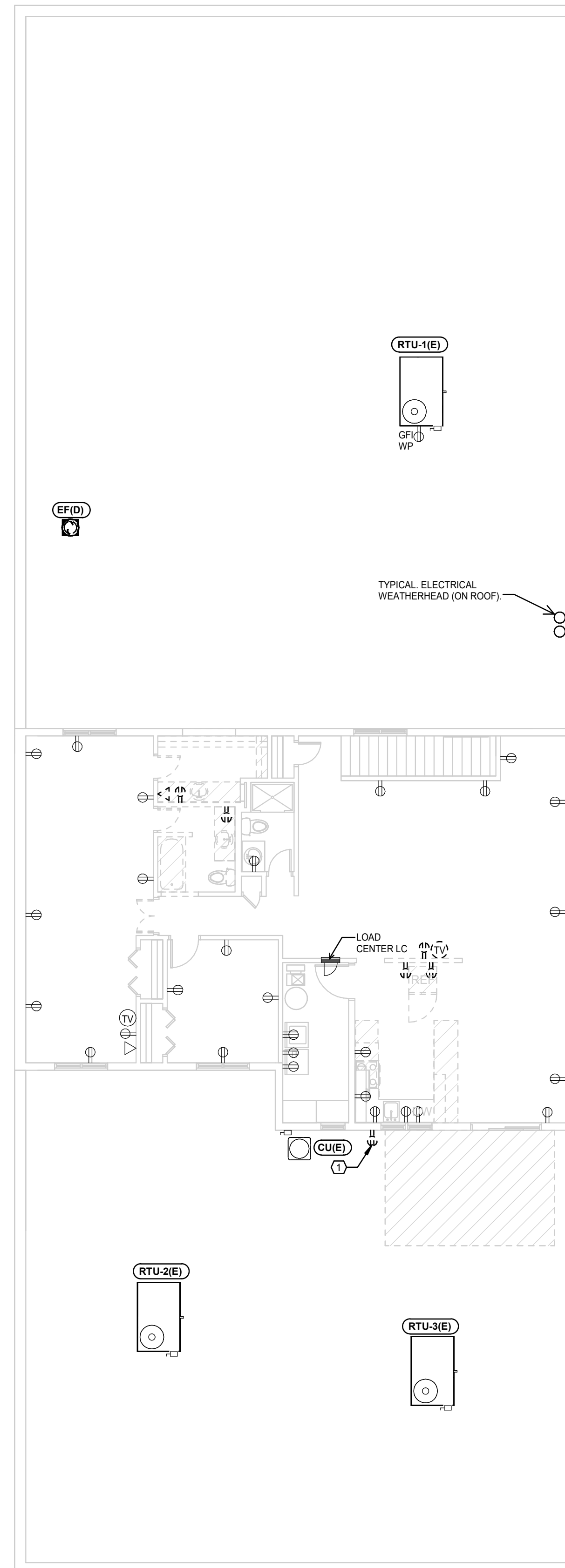


DATE: 04/05/2024



SECOND FLOOR PLAN -
POWER DEMO

ED202



1 SECOND FLOOR - ELECTRICAL DEMO
ED202 SCALE: 1/8" = 1'-0"



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PROJECT # 24-027

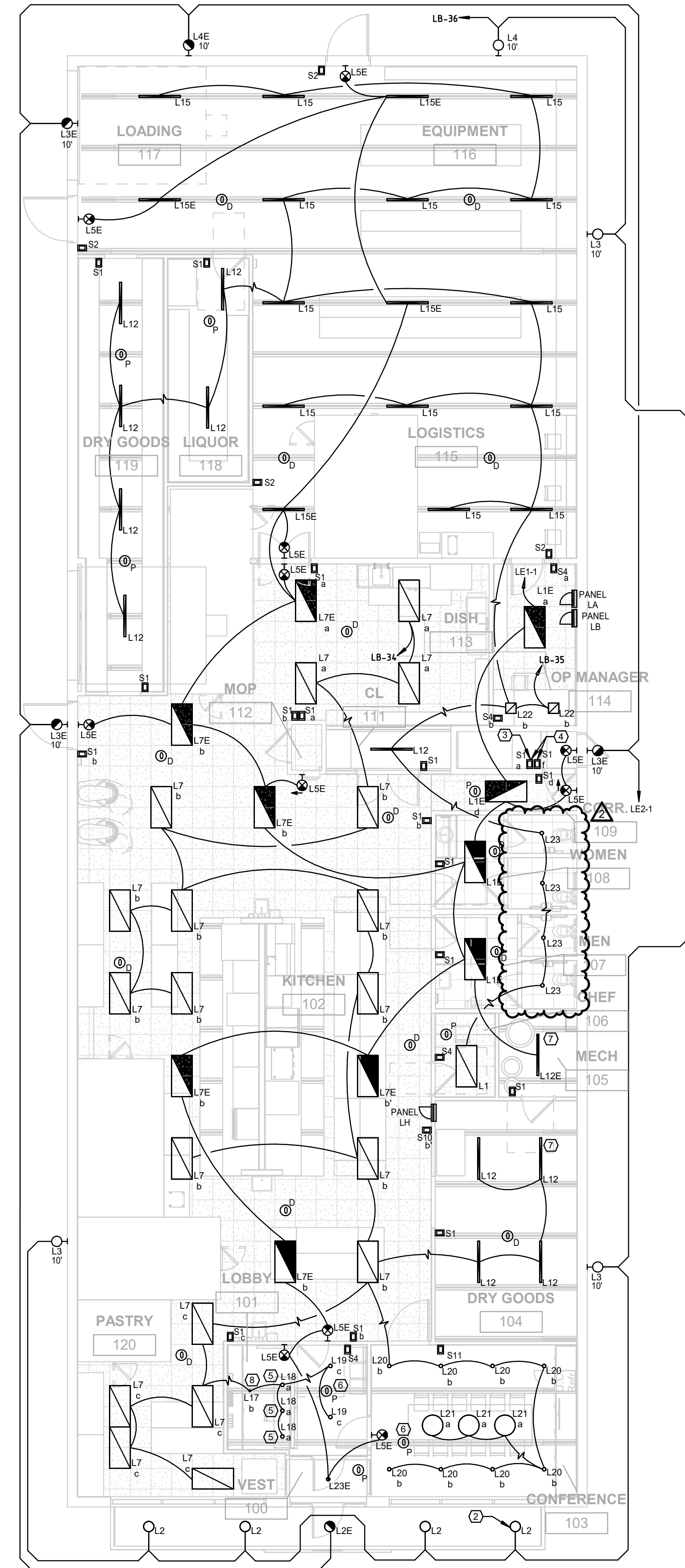
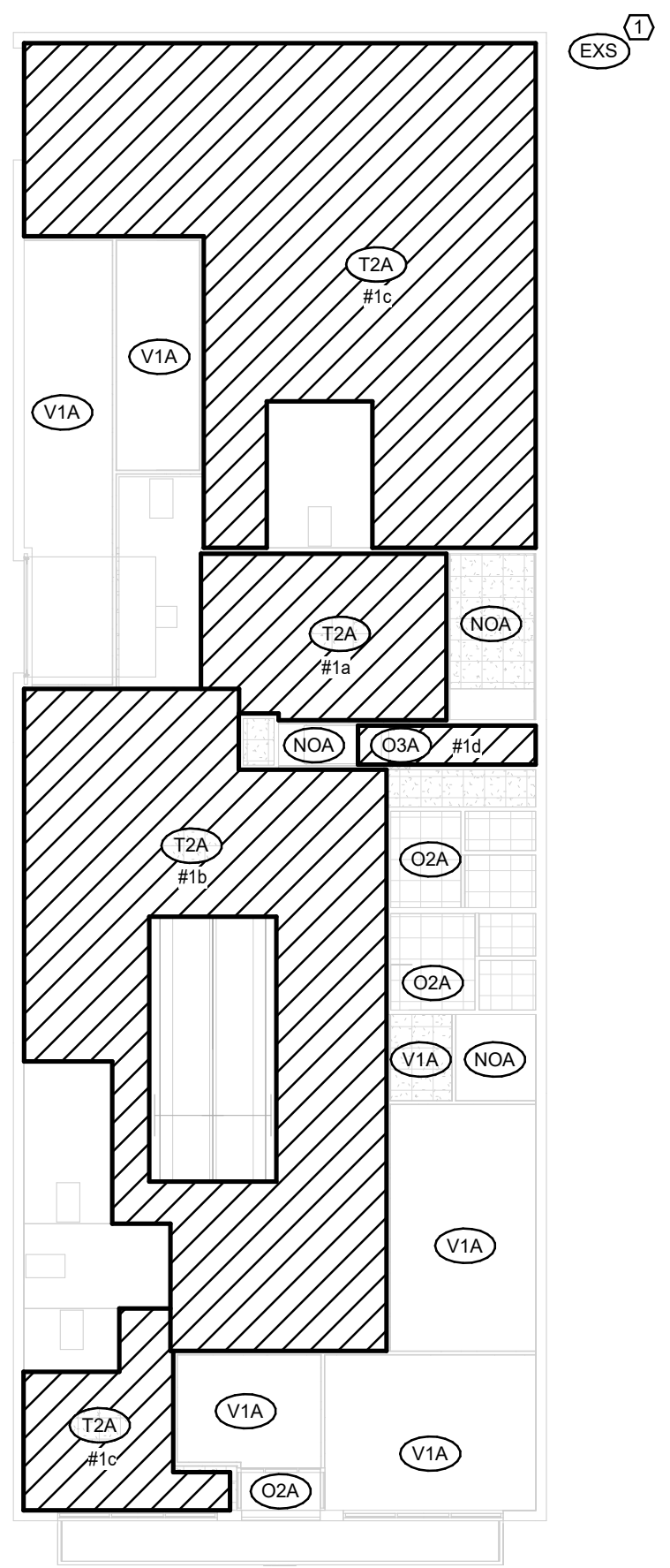
KEY NOTES

SYMBOL = (X)

- 1 LIGHTING CONTROL TAG FOR BUILDING MOUNTED EXTERIOR LIGHTING.
- 2 PROVIDE NEW LIGHT FIXTURE IN EXISTING LIGHT FIXTURE LOCATION. UTILIZE EXISTING ELECTRICAL CONNECTION TO THE EXTENT POSSIBLE.
- 3 SWITCH SHALL CONTROL UPPER STAIRWELL FIXTURE. REFERENCE SHEET E102 FOR FURTHER INFORMATION.
- 4 PROVIDE NEW WIRELESS SWITCH WITH INDICATED FUNCTIONALITY IN EXISTING SWITCH LOCATION. REFERENCE WIRELESS LIGHTING CONTROL DETAIL ON SHEET E102 FOR FURTHER INFORMATION.
- 5 MOUNT AT 6'-8" B.O.F. FIELD CUT STEM AS REQUIRED.
- 6 THIS ROOM: PROVIDE BLACK OCCUPANT SENSOR(S).
- 7 TYPICAL THIS ROOM: MOUNT SUSPENDED FIXTURE SO THAT BOTTOM OF FIXTURE IS FLUSH WITH ADJACENT STRUCTURAL MEMBER. PROVIDE MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED. COORDINATE REQUIREMENTS WITH VENDOR.
- 8 FIELD ADJUST FIXTURE TO EVENLY ILLUMINATE LOGO ON BACK WALL.

LIGHTING CONTROL PLAN

- REFERENCE LIGHTING PLANS, LOW VOLTAGE SWITCH SCHEDULE, AND LIGHTING CONTROL SEQUENCE OF OPERATION FOR FURTHER INFORMATION.
- HATCHED AREAS INDICATE INDIVIDUAL LIGHTING CONTROL AREAS. IN SPACES WHERE NO HATCH IS PRESENT, THE LIGHTING CONTROL AREA BOUNDARY SHALL MATCH THE AREA ENCLOSED BY FLOOR-TO-CEILING WALLS.
- WHERE PRESENT, TAGS BEGINNING WITH "W" INDICATE THE LIGHTING CONTROL AREA NUMBER.
- WHERE MULTIPLE LIGHTING CONTROL ZONES ARE CONTAINED WITHIN A SINGLE LIGHTING CONTROL AREA, THE INDICATED LIGHTING CONTROL SEQUENCE OF OPERATION TYPE SHALL BE APPLICABLE FOR THE ENTIRETY OF THE LIGHTING CONTROL AREA.
- UNLESS OTHERWISE NOTED, THE OCCUPANT SENSOR AND/OR TIME SWITCH AREA(S) OF COVERAGE SHALL MATCH THE LIGHTING CONTROL AREAS.
- REFER TO LIGHTING CONTROL SEQUENCE OF OPERATION FOR AUTOMATIC LIGHTING CONTROL DEVICES REQUIRED BASED ON LIGHTING CONTROL TAGS. PROVIDE ALL NECESSARY DEVICES AND ACCESSORIES AS REQUIRED TO PROVIDE THE LEVEL OF CONTROL SPECIFIED WITHIN SEQUENCE OF OPERATION FOR EACH GIVEN CONTROL TYPE.



00007 - MPE (Frank Reida)
Lighting to meet IECC 2018

ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114

No.	Issued For	Date
2	ASI #2	5-24-2024

DATE: 04/05/2024



FIRST FLOOR PLAN -
LIGHTING

E101

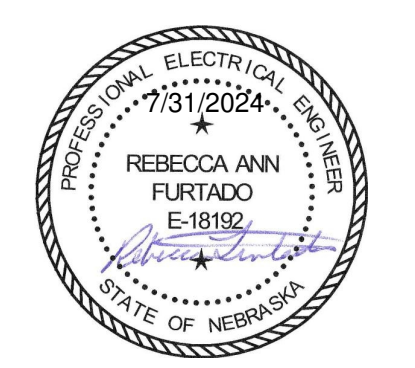
2 FIRST FLOOR - LIGHTING CONTROL PLAN
SCALE: 1/16" = 1'-0"

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

- KEY NOTES** SYMBOL = (X)
- TYPICAL NEW LIGHT FIXTURES THIS PLAN UTILIZE EXISTING ELECTRICAL CONNECTION TO ENERGIZE NEW LIGHT FIXTURE. MINIMIZE DAMAGE TO EXISTING CEILING TO THE EXTENT POSSIBLE. PATCH, REPAIR, AND PAINT CEILING AS REQUIRED.
 - PROVIDE NEW WIRELESS SWITCH WITH INDICATED FUNCTIONALITY IN EXISTING SWITCH LOCATION. REFERENCE WIRELESS LIGHTING CONTROL DETAIL FOR FURTHER INFORMATION.
 - PROVIDE NEW WIRELESS SWITCH WITH INDICATED FUNCTIONALITY IN NEW LOCATION. PROVIDE MOUNTING ACCESSORIES AS REQUIRED. REFERENCE WIRELESS LIGHTING CONTROL DETAIL FOR FURTHER INFORMATION.
 - CONNECT NEW OCCUPANT SENSOR TO LOW VOLTAGE FIXTURE ADAPTER. REFERENCE WIRELESS LIGHTING CONTROL DETAIL FOR FURTHER INFORMATION. LOCATE SENSOR SO AS TO PROVIDE ADEQUATE COVERAGE OF SPACE AND MINIMIZE DEMOLITION OF EXISTING CEILING. FIELD VERIFY FINAL LOCATION.

No.	Issued For	Date
4	ASI #4	7-31-2024

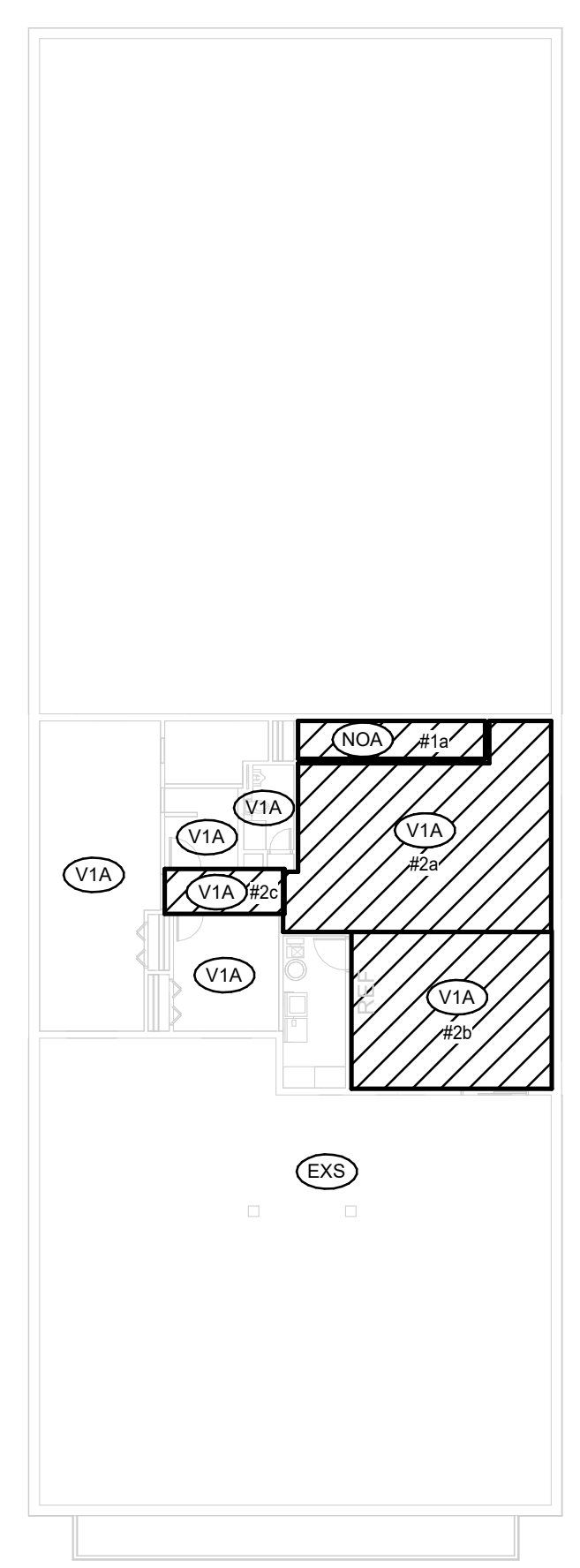
DATE: 04/05/2024



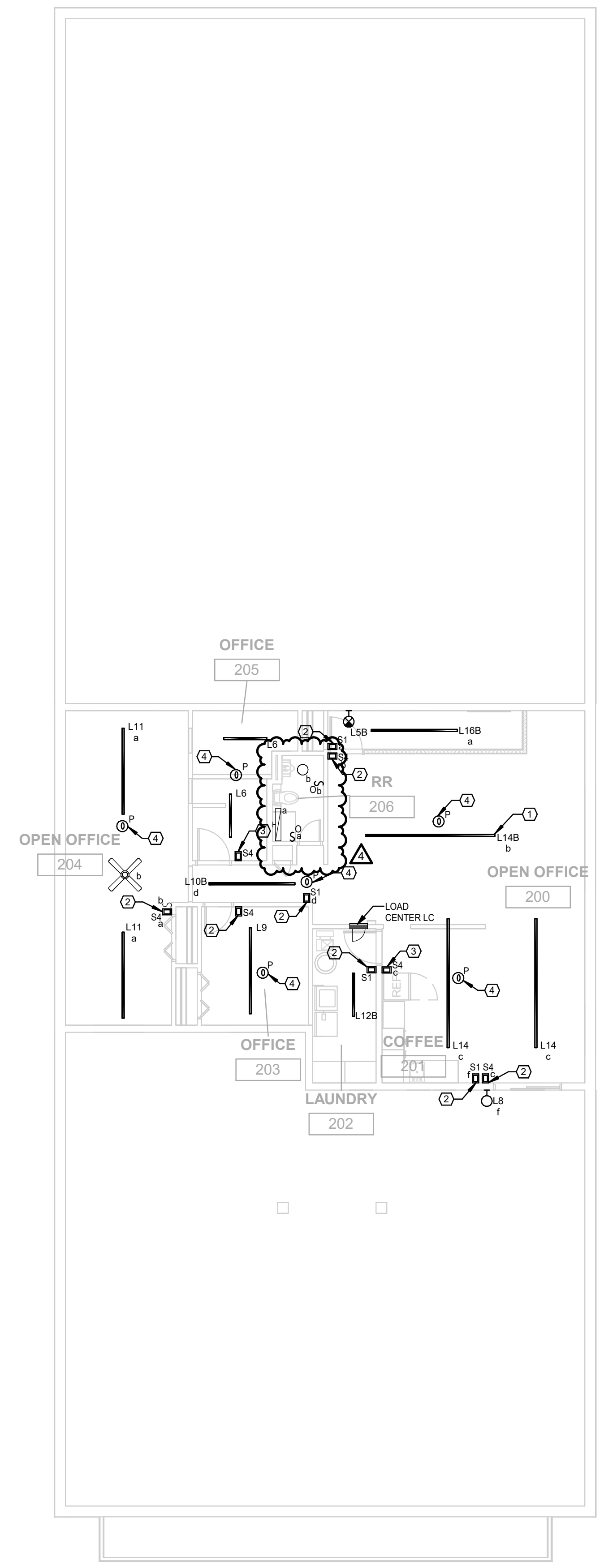
SECOND FLOOR PLAN - LIGHTING

LIGHTING CONTROL PLAN

- REFERENCE LIGHTING PLAN(S), LOW VOLTAGE SWITCH SCHEDULE, AND LIGHTING CONTROL SEQUENCE OF OPERATION FOR FURTHER INFORMATION.
- HATCHED AREAS INDICATE INDIVIDUAL LIGHTING CONTROL AREAS. IN SPACES WHERE NO HATCH IS PRESENT, THE LIGHTING CONTROL AREA BOUNDARY SHALL MATCH THE AREA ENCLOSED BY FLOOR-TO-CEILING WALLS.
- WHERE PRESENT, TAGS BEGINNING WITH "F" INDICATE THE LIGHTING CONTROL AREA NUMBER.
- WHERE MULTIPLE LIGHTING CONTROL ZONES ARE CONTAINED WITHIN A SINGLE LIGHTING CONTROL AREA, THE INDICATED LIGHTING CONTROL SEQUENCE OF OPERATION TYPE SHALL BE APPLICABLE FOR THE ENTIRETY OF THE LIGHTING CONTROL AREA.
- UNLESS OTHERWISE NOTED, THE OCCUPANT SENSOR AND/OR TIME SWITCH AREA(S) OF COVERAGE SHALL MATCH THE LIGHTING CONTROL AREAS.
- REFER TO LIGHTING CONTROL SEQUENCE OF OPERATION FOR AUTOMATIC LIGHTING CONTROL DEVICES REQUIRED BASED ON LIGHTING CONTROL TAGS. PROVIDE ALL NECESSARY DEVICES AND ACCESSORIES AS REQUIRED TO PROVIDE THE LEVEL OF CONTROL SPECIFIED WITHIN SEQUENCE OF OPERATION FOR EACH GIVEN CONTROL TYPE.

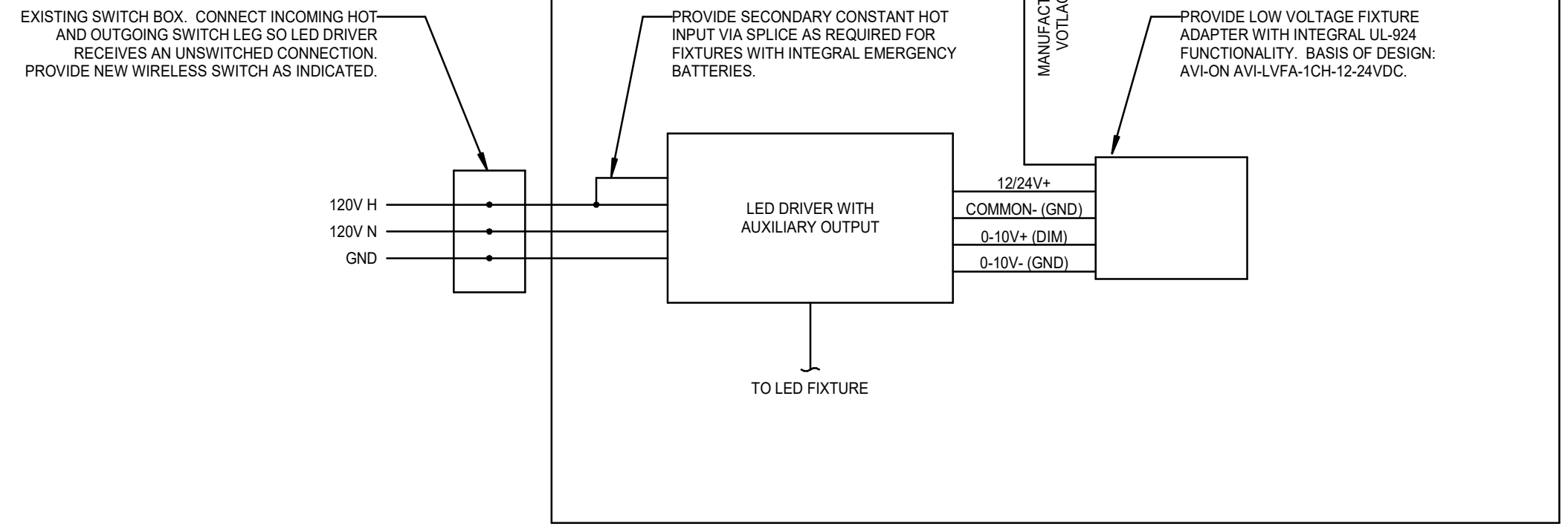


2 SECOND FLOOR - LIGHTING CONTROL PLAN
 SCALE: 1/16" = 1'-0"

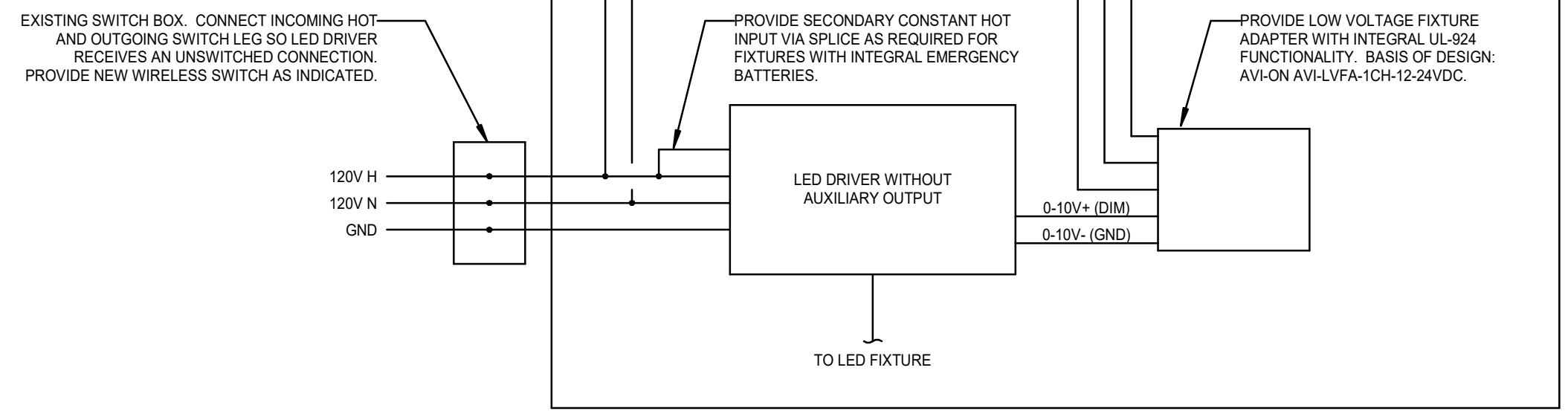


1 SECOND FLOOR - LIGHTING
 SCALE: 1/8" = 1'-0"

WIRELESS SWITCH BASIS OF DESIGN:
 S1: AVI-ON AVI-B-2402BAT-3
 S4: AVI-ON AVI-B-2402BAT-1 WITH LABELS AND FUNCTIONALITY AS INDICATED IN LOW VOLTAGE SWITCH SCHEDULE.



WIRELESS SWITCH BASIS OF DESIGN:
 S1: AVI-ON AVI-B-2402BAT-3
 S4: AVI-ON AVI-B-2402BAT-1 WITH LABELS AND FUNCTIONALITY AS INDICATED IN LOW VOLTAGE SWITCH SCHEDULE.



3 WIRELESS LIGHTING CONTROL DETAIL
 NO SCALE

KEY NOTES

SYMBOL = (X)

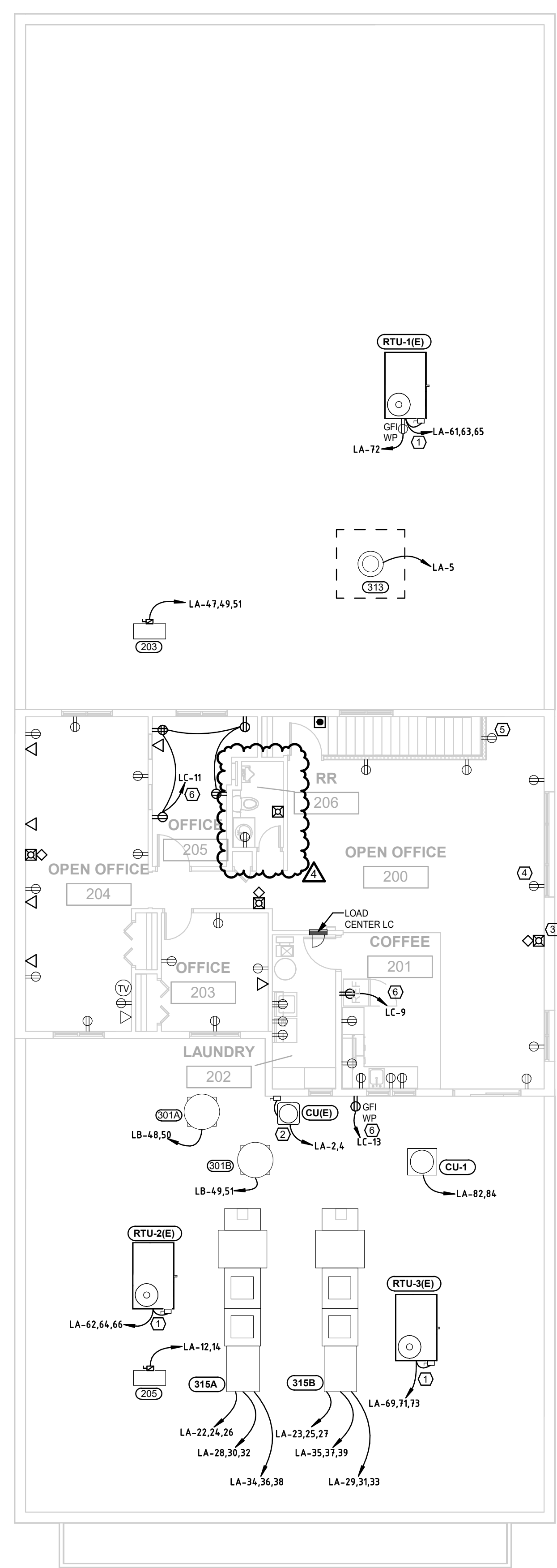
- 1 CIRCUIT VIA 40-3G FEEDER. REUSE EXISTING WIRE AND CONDUIT TO THE EXTENT POSSIBLE. REPLACE AS REQUIRED.
- 2 CIRCUIT VIA 30-2G FEEDER. REUSE EXISTING WIRE AND CONDUIT TO THE EXTENT POSSIBLE. REPLACE AS REQUIRED.
- 3 TYPICAL NEW DEVICES ON EXTERIOR WALLS THIS PLAN. MINIMIZE DAMAGE TO SECOND FLOOR INTERIOR WALLS AND CEILINGS. IT IS ACCEPTABLE TO SURFACE MOUNT CONDUIT ON THE EXTERIOR OF THE BUILDING AS REQUIRED. SEAL ANY PENETRATIONS AS REQUIRED.
- 4 TYPICAL WIRING DEVICES THIS FLOOR. ENSURE ALL EXISTING TO REMAIN WIRING DEVICES HAVE THE FINISHES INDICATED IN SHEET SPEC SECTION 262726 FOR DEVICE AND COVER PLATE. IT IS ACCEPTABLE TO REUSE THE EXISTING DEVICE AND/OR COVER PLATE TO THE EXTENT POSSIBLE. PROVIDE NEW AS REQUIRED.
- 5 TYPICAL INTERIOR EXISTING TO REMAIN RECEPTACLES THIS PLAN. REUSE EXISTING CIRCUITING TO THE EXTENT POSSIBLE. CONNECT TO NEAREST AVAILABLE CIRCUIT IN LOAD CENTER LC AS REQUIRED.
- 6 MINIMIZE EXTENT OF DAMAGE TO WALLS AND CEILINGS. CIRCUITING INDICATED IS SCHEMATIC IN NATURE. IT IS ACCEPTABLE TO CONNECT TO NEAREST AVAILABLE CIRCUIT IN LOAD CENTER LC IN LIEU OF INDICATED CIRCUIT NUMBER AS REQUIRED.



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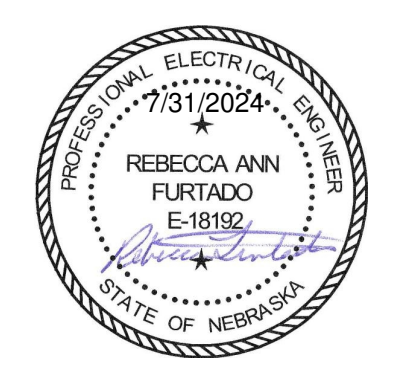
ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114



SECOND FLOOR INTERIOR AREA. FIELD VERIFY EXISTING POWER AND LIGHTING BRANCH CIRCUIT WIRING. ANY ROMEX MUST BE REMOVED OR ABANDONED AND REPLACED WITH WIRING IN CONDUIT. IT IS ACCEPTABLE TO UTILIZE MC CABLING PENDING AHJ APPROVAL.

No.	Issued For	Date
4	ASI #4	7-31-2024

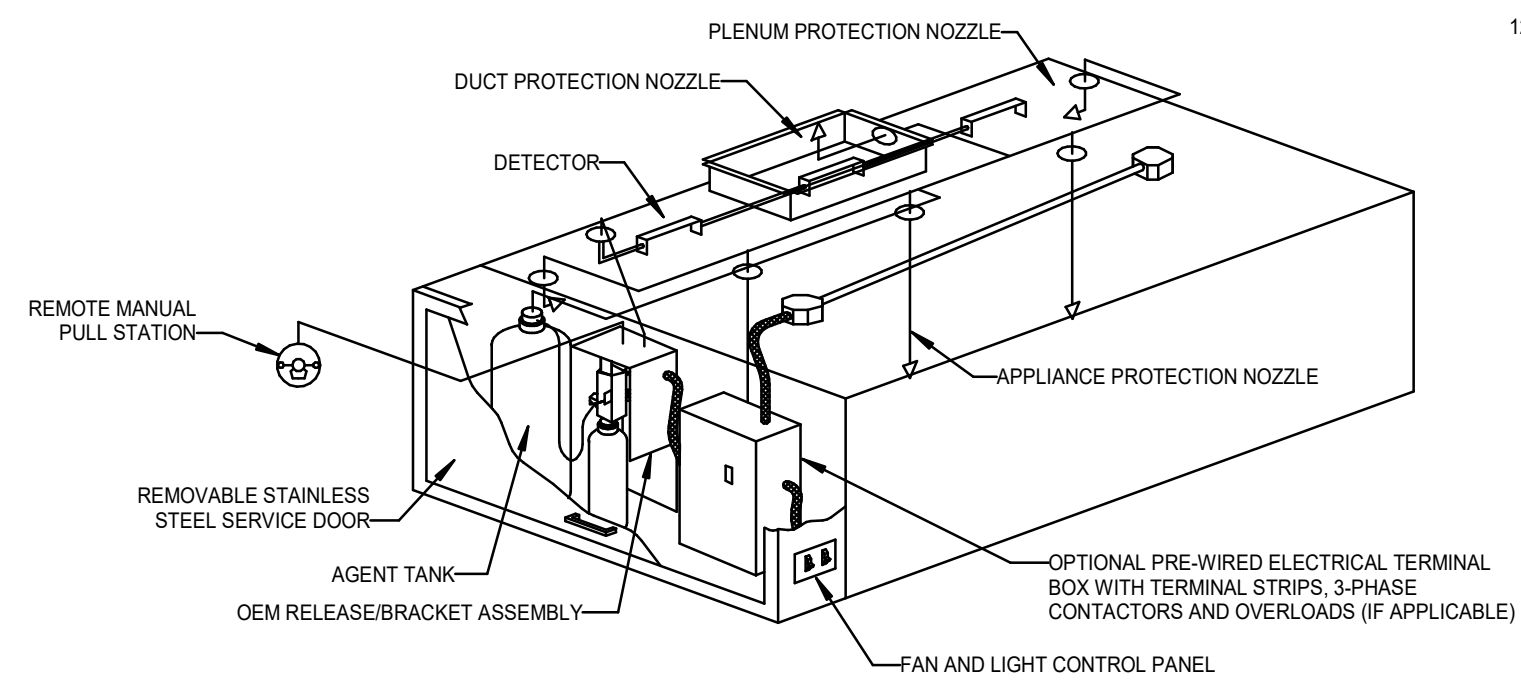
DATE: 04/05/2024



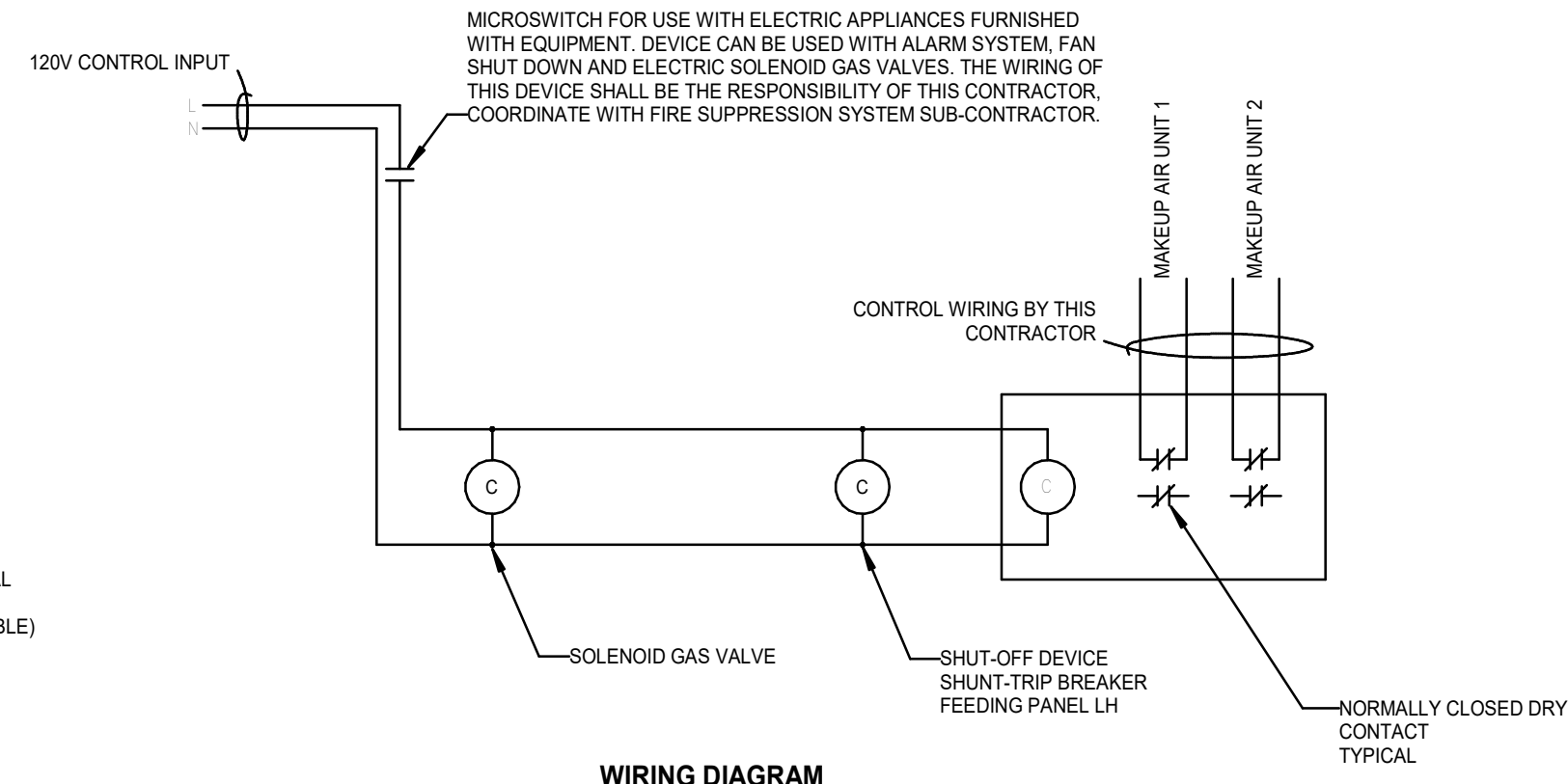
SECOND FLOOR PLAN - POWER

E202

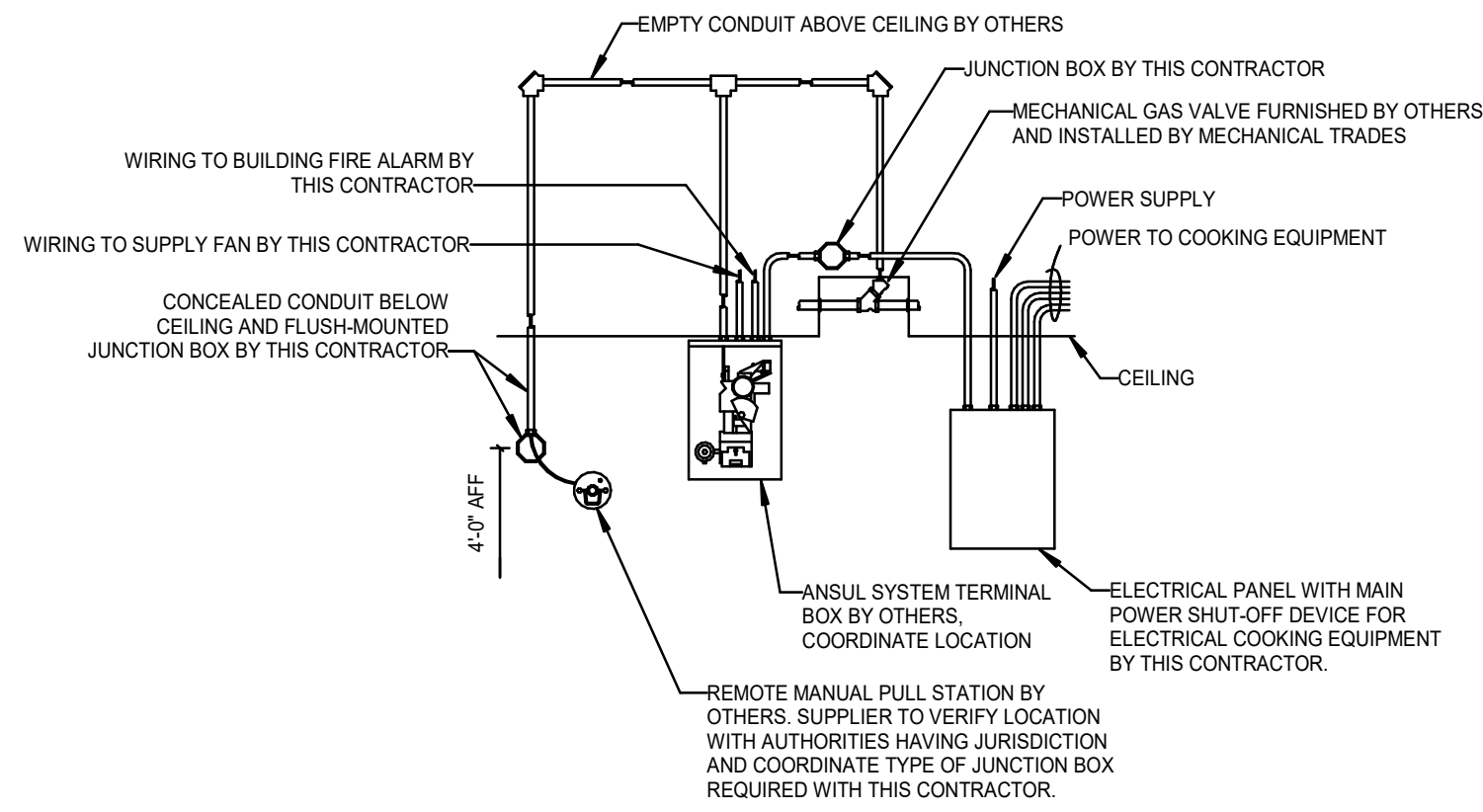
1 SECOND FLOOR - POWER
E202 SCALE: 1/8" = 1'-0"



TYPICAL ANSUL SYSTEM LAYOUT



WIRING DIAGRAM



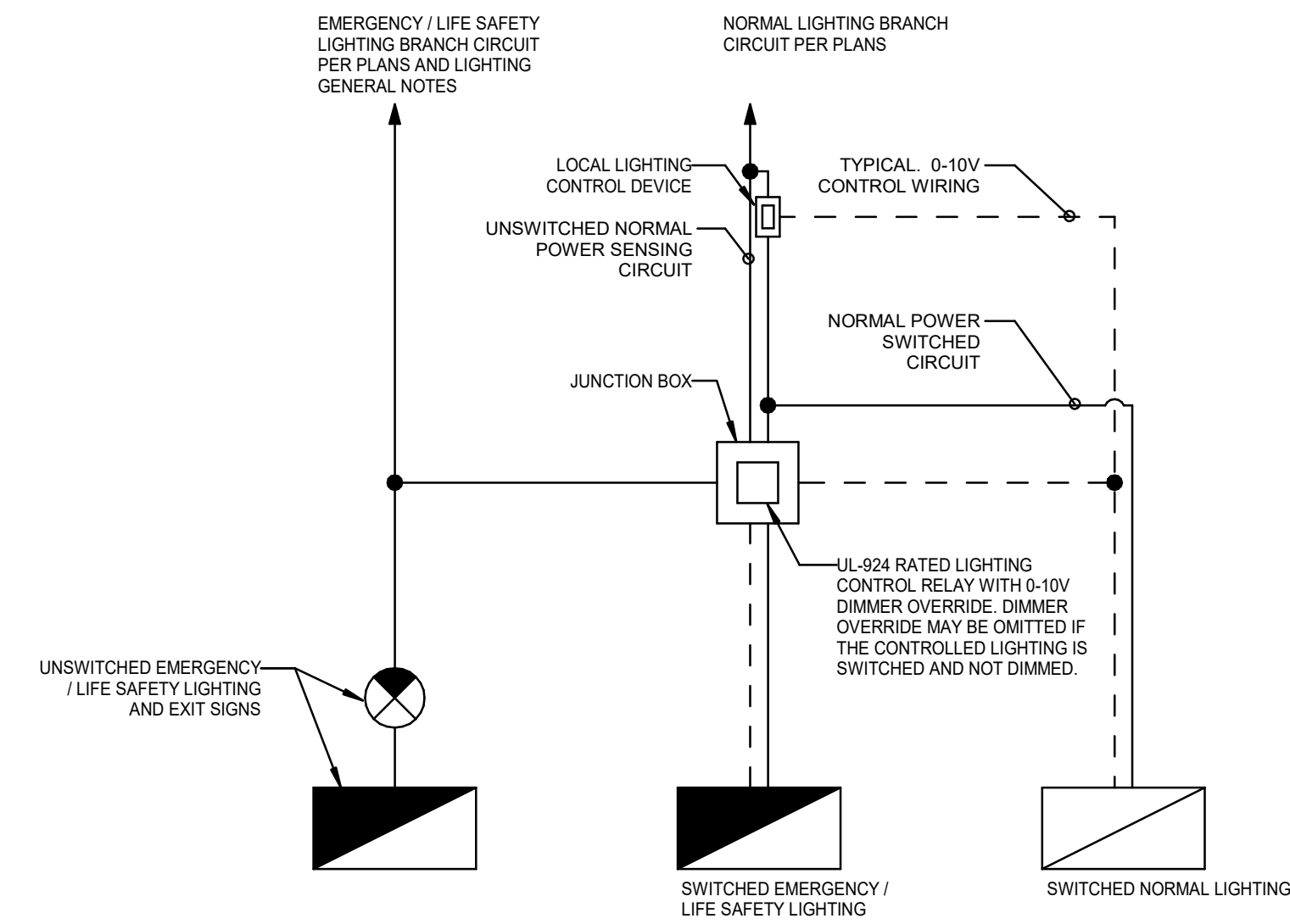
INSTALLATION DETAIL

GENERAL NOTES

- A. THIS DETAIL IS GENERIC IN NATURE AND IS NOT INTENDED TO SHOW EVERY DETAIL. THE INTENT IS TO DEFINE A GENERAL SCOPE OF WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH ACTUAL SITE CONDITIONS.
- B. WHEN THE FIRE SUPPRESSION SYSTEM IS ACTIVATED, ALL ELECTRIC COOKING EQUIPMENT BELOW HOOD SHALL BE DISCONNECTED FROM POWER SOURCE AND FUEL (SOLENOID GAS VALVE SHALL CLOSE). THE EXHAUST FANS SHALL CONTINUE TO OPERATE AND SHALL BE CONTROLLED BY THE FIRE SUPPRESSION SYSTEM. MAKEUP AIR UNITS SHALL SHUT DOWN UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.
- C. ANY AND ALL ELECTRICAL CONNECTIONS, INTERLOCK WIRING AND CONDUIT REQUIRED TO SHUT DOWN FANS, ELECTRIC COOKING EQUIPMENT, ACTIVATE AN ALARM SYSTEM, ETC. SHALL BE BY THIS CONTRACTOR.
- D. IF THE RELEASE MECHANISM IS NOT ACCESSIBLE FOR MANUAL ACTUATION, A REMOTE MANUAL PULL STATION SHALL BE PROVIDED BY THE SUPPLIER AS THE PRIMARY MEANS OF MANUAL ACTUATION. THE SUPPLIER SHALL VERIFY LOCATION WITH AUTHORITIES HAVING JURISDICTION AND COORDINATE TYPE OF JUNCTION BOX REQUIRED WITH THIS CONTRACTOR. ROUTE 1/2" C STRAIGHT UP TO ABOVE CEILING LINE (NO OFFSETS OR BEND), MOUNT AND HOOK-UP OF REMOTE MANUAL PULL BY CERTIFIED DISTRIBUTOR.
- E. INTERCONNECT SWITCH THAT INDICATES SYSTEM ACTUATION TO BUILDING FIRE ALARM SYSTEM.

1 FIRE SUPPRESSION SYSTEM

E302 NO SCALE



GENERAL NOTES:

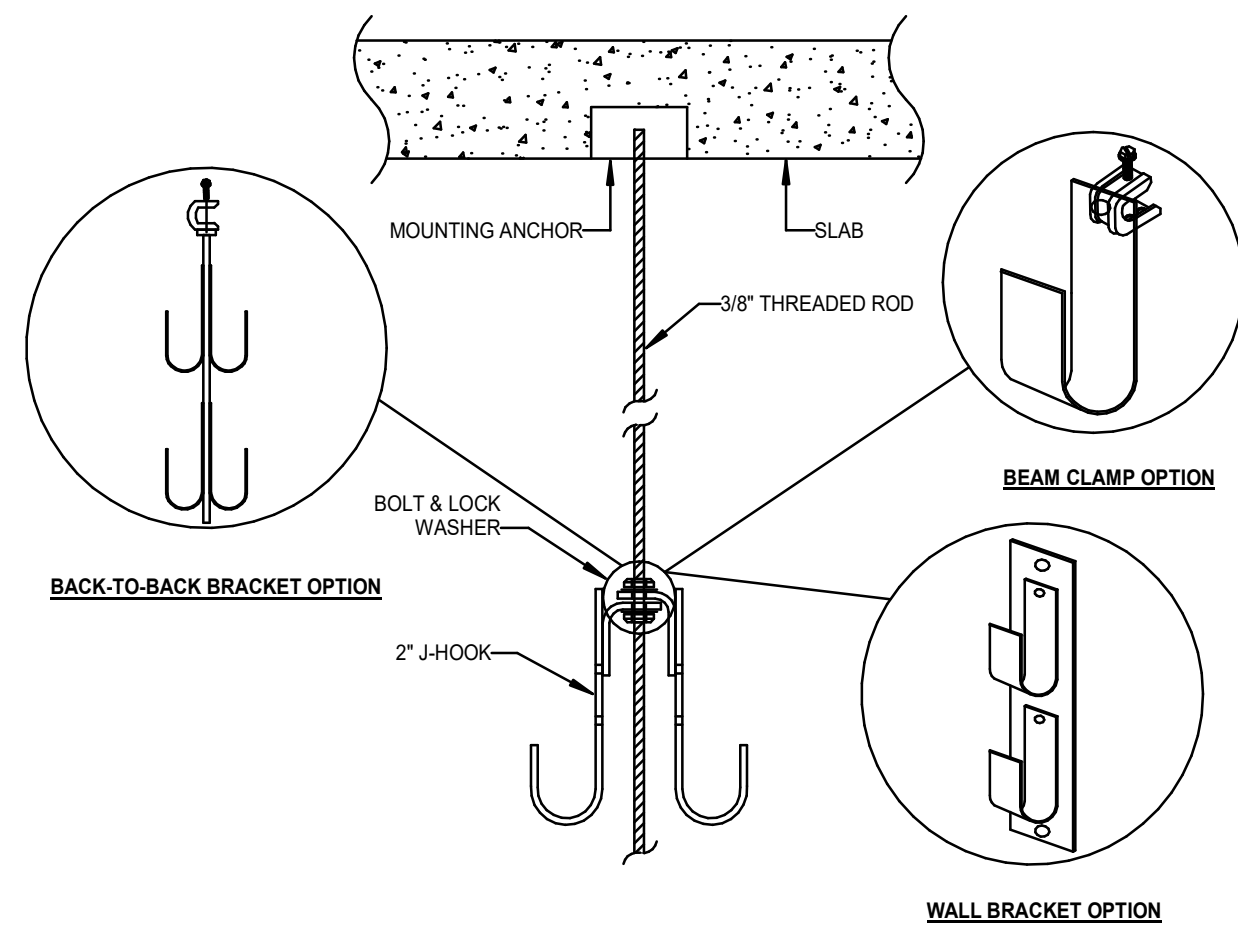
- A. PROVIDE (1) UL-924 RATED LIGHTING CONTROL RELAY FOR EVERY CONTROLLED LIGHTING ZONE WHERE SWITCHED LIGHTING IS INDICATED TO BE FED FROM AN ALTERNATE POWER SOURCE.
- B. SEE MANUFACTURER'S WIRING DIAGRAMS FOR WIRING UL-924 LIGHTING CONTROL RELAY AS A CONTROL DEVICE.
- C. REFER TO LIGHTING GENERAL NOTES FOR EMERGENCY / LIFE SAFETY BRANCH CIRCUIT INFORMATION. DURING NORMAL POWER CONDITIONS, CONTROLLED EMERGENCY / LIFE SAFETY LIGHTING SHALL BE CONTROLLED WITH NORMAL POWER LIGHTING IN SHARED CONTROL ZONE.
- D. UPON NORMAL POWER LOSS, UL-924 DEVICE SHALL OVERRIDE EMERGENCY / LIFE SAFETY LIGHTING TO FULL BRIGHTNESS REGARDLESS OF LIGHTING CONTROL STATE.
- E. INTEGRATE UL-924 DEVICE WITH FIRE ALARM SYSTEM. IN THE EVENT OF A FIRE ALARM, THE UL-924 DEVICE SHALL OVERRIDE THE CONTROLLED LIGHTING TO FULL BRIGHTNESS. COORDINATE ALL REQUIREMENTS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM WITH FIRE ALARM MANUFACTURER. UNLESS OTHERWISE NOTED, UL-924 DEVICES SHALL BE SELF-TESTING. WHEN INDICATED ON PLANS TO BE PROVIDED WITHOUT SELF-TESTING FUNCTIONALITY, PROVIDE REMOTE TEST BUTTON LOCATED ABOVE THE NEAREST ACCESSIBLE CEILING.

2 UL-924 CONTROL RELAY DETAIL

E302 NO SCALE

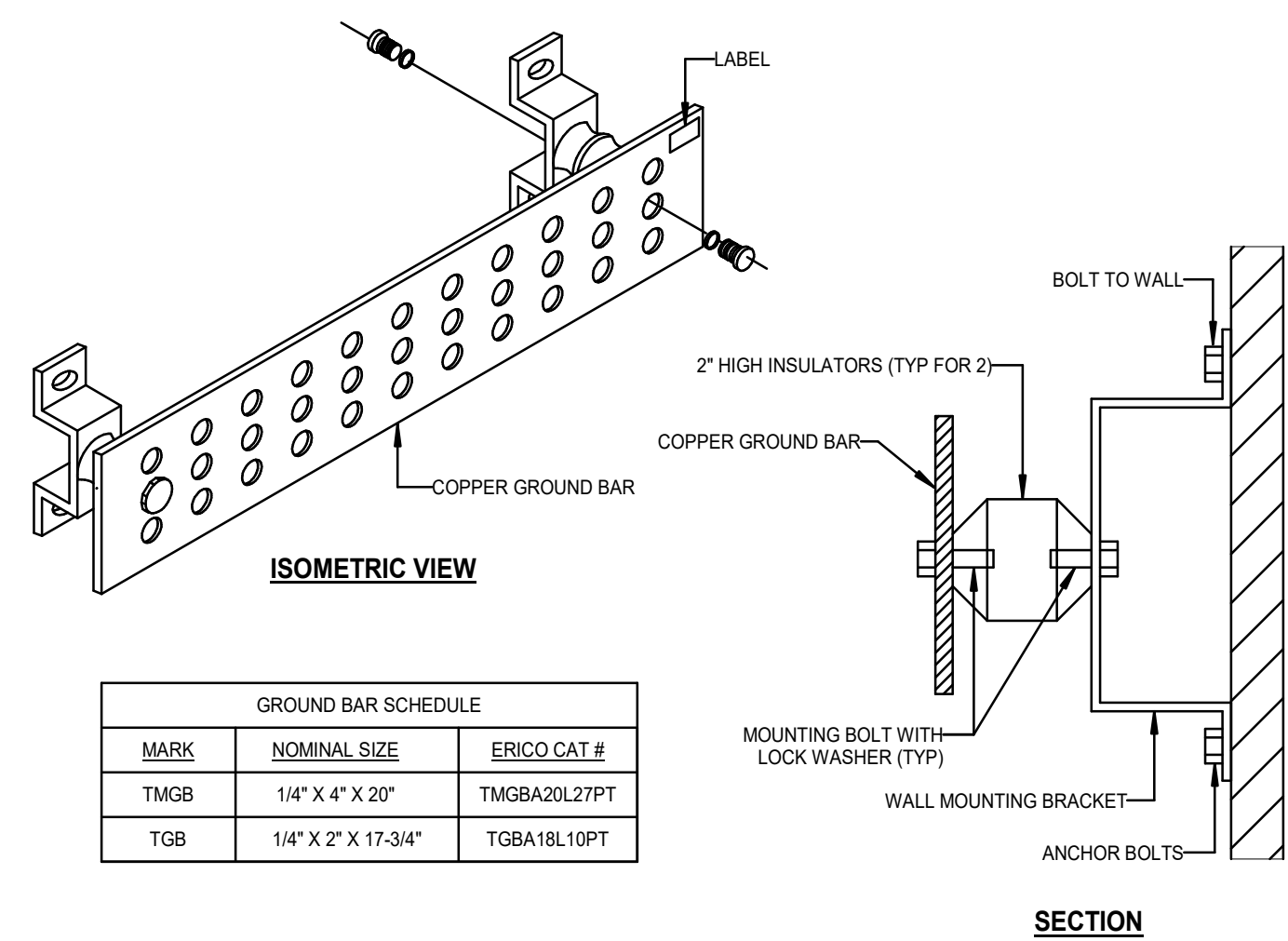
GENERAL DETAIL NOTES

- A. J-HOOKS ARE ALLOWED ON STRUCTURAL BEAMS, STRUCTURAL BRACES, MASONRY WALL, & FULL HEIGHT STUD WALLS. USE APPROPRIATE FASTENERS AS REQUIRED.
- B. J-HOOKS SHALL NOT BE ON CEILING SUPPORTED HARDWARE, DUCT HANGERS, ETC.
- C. NO MORE THAN 24 CABLES SHALL BE PLACED IN A 2" HOOK.
- D. UTILIZE 650 LBS (MIN) ANCHORS ON THREADED ROD. MAXIMUM LOAD ON ASSEMBLY NOT TO EXCEED 150 LBS.
- E. THREADED ROD MOUNTING IS SHOWN FOR FREE-STANDING CONDITIONS.



3 J-HOOK SUPPORTS

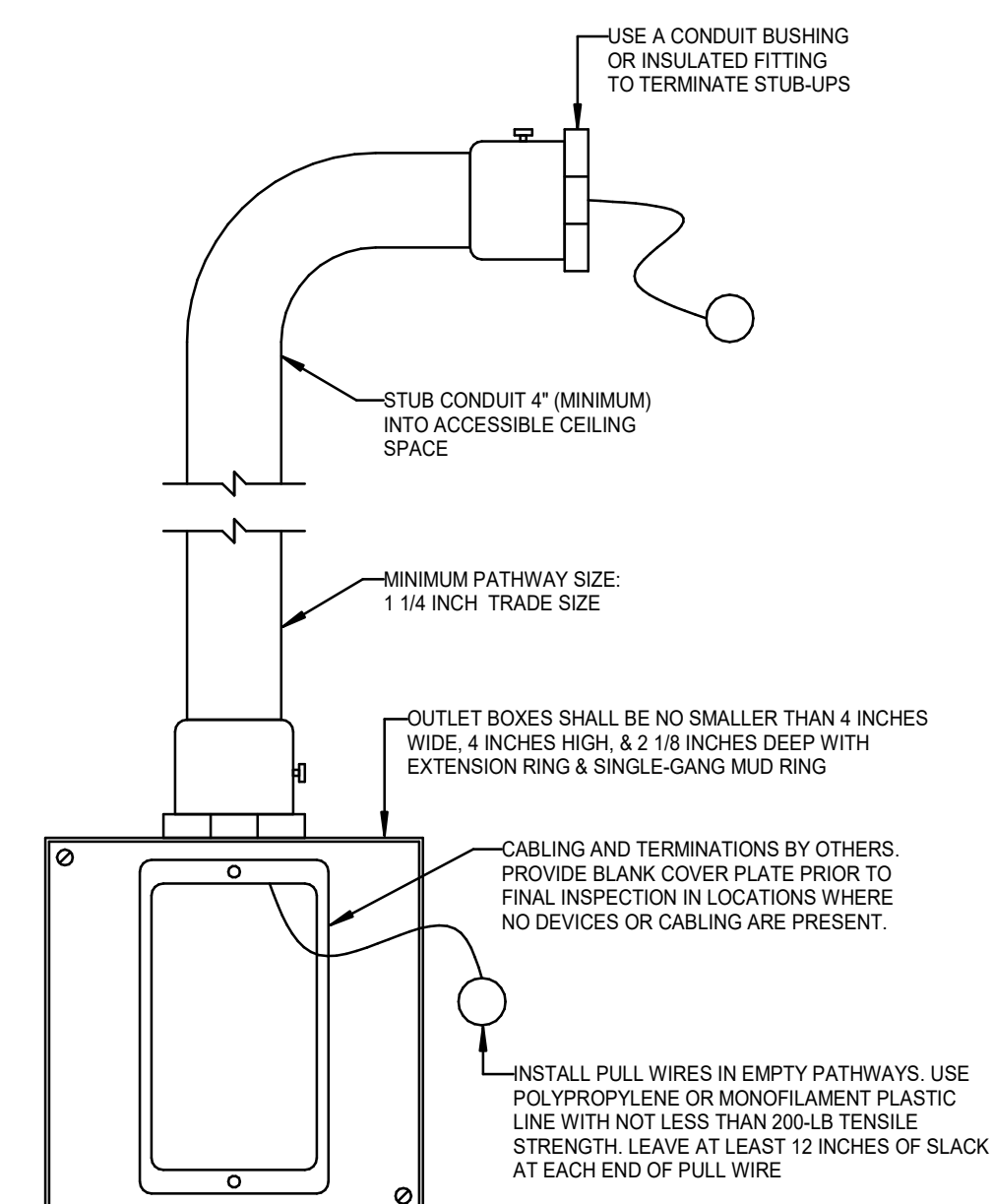
E302 NO SCALE



GROUND BAR SCHEDULE		
MARK	NOMINAL SIZE	ERICO CAT.#
TMGB	1/4" X 4" X 20"	TMGBA20L27PT
TGB	1/4" X 2" X 17-3/4"	TGBA18L10PT

4 GROUND BAR

E302 NO SCALE

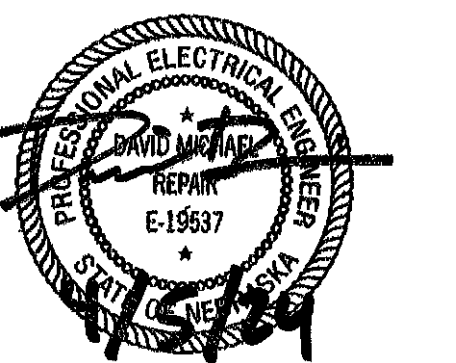


5 LOW VOLTAGE ROUGH-IN

E302 NO SCALE



DATE: 04/05/2024



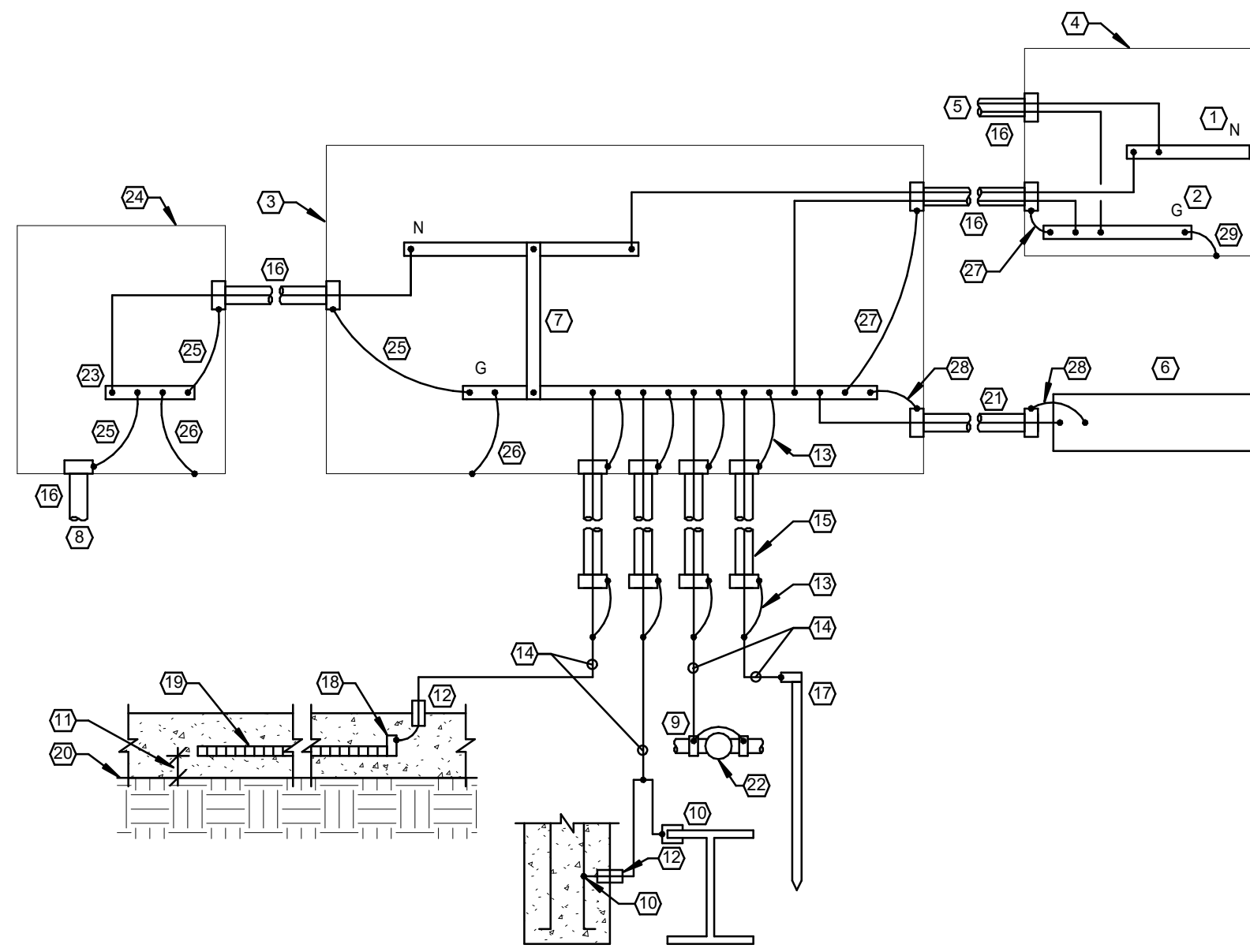
FEEDER SCHEDULE

TAG	COPPER	ALUMINUM
2 WIRE + GROUND		
20-2G	(2)#12, (1)#12 GND IN 3/4"	NOT ALLOWED
30-2G	(2)#10, (1)#10 GND IN 3/4"	NOT ALLOWED
40-2G	(2)#8, (1)#10 GND IN 3/4"	NOT ALLOWED
50-2G	(2)#6, (1)#10 GND IN 3/4"	NOT ALLOWED
60-2G	(2)#4, (1)#10 GND IN 1"	NOT ALLOWED
70-2G	(2)#4, (1)#8 GND IN 1"	NOT ALLOWED
80-2G	(2)#3, (1)#8 GND IN 1"	NOT ALLOWED
90-2G	(2)#2, (1)#8 GND IN 1"	(2)#10, (1)#8 CU GND IN 1-1/4"
100-2G	(2)#1, (1)#8 GND IN 1-1/4"	(2)#10, (1)#8 CU GND IN 1-1/4"
3 WIRE + GROUND		
20-3G	(3)#12, (1)#12 GND IN 3/4"	NOT ALLOWED
30-3G	(3)#10, (1)#10 GND IN 3/4"	NOT ALLOWED
40-3G	(3)#8, (1)#10 GND IN 3/4"	NOT ALLOWED
50-3G	(3)#6, (1)#10 GND IN 1"	NOT ALLOWED
60-3G	(3)#4, (1)#10 GND IN 1"	NOT ALLOWED
70-3G	(3)#4, (1)#8 GND IN 1-1/4"	NOT ALLOWED
80-3G	(3)#3, (1)#8 GND IN 1-1/4"	NOT ALLOWED
90-3G	(3)#2, (1)#8 GND IN 1-1/4"	(3)#10, (1)#8 CU GND IN 1-1/2"
100-3G	(3)#1, (1)#8 GND IN 1-1/2"	(3)#10, (1)#8 CU GND IN 1-1/2"
110-3G	(3)#1, (1)#6 GND IN 1-1/2"	(3)#10, (1)#6 CU GND IN 1-1/2"
125-3G	(3)#10, (1)#8 GND IN 1-1/2"	(3)#20, (1)#6 CU GND IN 2"
150-3G	(3)#10, (1)#6 GND IN 1-1/2"	(3)#30, (1)#6 CU GND IN 2"
175-3G	(3)#20, (1)#6 GND IN 2"	(3)#40, (1)#6 CU GND IN 2"
200-3G	(3)#30, (1)#6 GND IN 2"	(3)250 KCMIL, (1)#6 CU GND IN 2-1/2"
225-3G	(3)#40, (1)#4 GND IN 2"	(3)300 KCMIL, (1)#4 CU GND IN 2-1/2"
250-3G	(3)250 KCMIL, (1)#4 GND IN 2-1/2"	(3)350 KCMIL, (1)#4 CU GND IN 3"
300-3G	(3)350 KCMIL, (1)#4 GND IN 3"	(3)500 KCMIL, (1)#4 CU GND IN 3"
350-3G	(3)500 KCMIL, (1)#3 GND IN 3"	2 SETS OF (3)#40, (1)#3 CU GND IN 2"
400-3G	2 SETS OF (3)#30, (1)#3 GND IN 2"	2 SETS OF (3)250 KCMIL, (1)#3 CU GND IN 2-1/2"
4 WIRE + GROUND		
20-4G	(4)#12, (1)#12 GND IN 3/4"	NOT ALLOWED
30-4G	(4)#10, (1)#10 GND IN 3/4"	NOT ALLOWED
40-4G	(4)#8, (1)#10 GND IN 1"	NOT ALLOWED
50-4G	(4)#6, (1)#10 GND IN 1"	NOT ALLOWED
60-4G	(4)#4, (1)#10 GND IN 1-1/4"	NOT ALLOWED
70-4G	(4)#4, (1)#8 GND IN 1-1/4"	NOT ALLOWED
80-4G	(4)#3, (1)#8 GND IN 1-1/4"	NOT ALLOWED
90-4G	(4)#2, (1)#8 GND IN 1-1/2"	(4)#10, (1)#8 CU GND IN 2"
100-4G	(4)#1, (1)#8 GND IN 1-1/2"	(4)#10, (1)#8 CU GND IN 2"
110-4G	(4)#1, (1)#6 GND IN 1-1/2"	(4)#10, (1)#6 CU GND IN 2"
125-4G	(4)#10, (1)#6 GND IN 2"	(4)#20, (1)#6 CU GND IN 2"
150-4G	(4)#10, (1)#6 GND IN 2"	(4)#30, (1)#6 CU GND IN 2"
175-4G	(4)#20, (1)#6 GND IN 2"	(4)#40, (1)#6 CU GND IN 2-1/2"
200-4G	(4)#30, (1)#6 GND IN 2"	(4)250 KCMIL, (1)#6 CU GND IN 2-1/2"
225-4G	(4)#40, (1)#4 GND IN 2-1/2"	(4)300 KCMIL, (1)#4 CU GND IN 3"
250-4G	(4)250 KCMIL, (1)#4 GND IN 3"	(4)350 KCMIL, (1)#4 CU GND IN 3"
300-4G	(4)350 KCMIL, (1)#4 GND IN 3"	(4)500 KCMIL, (1)#4 CU GND IN 3-1/2"
350-4G	(4)500 KCMIL, (1)#3 GND IN 3-1/2"	2 SETS OF (4)#40, (1)#3 CU GND IN 2-1/2"
400-4G	2 SETS OF (4)#30, (1)#3 GND IN 2-1/2"	2 SETS OF (4)250 KCMIL, (1)#3 CU GND IN 3"
4 WIRE - NO GROUND		
600-4	2 SETS OF (4)350 KCMIL IN 3"	2 SETS OF (4)500 KCMIL IN 3-1/2"

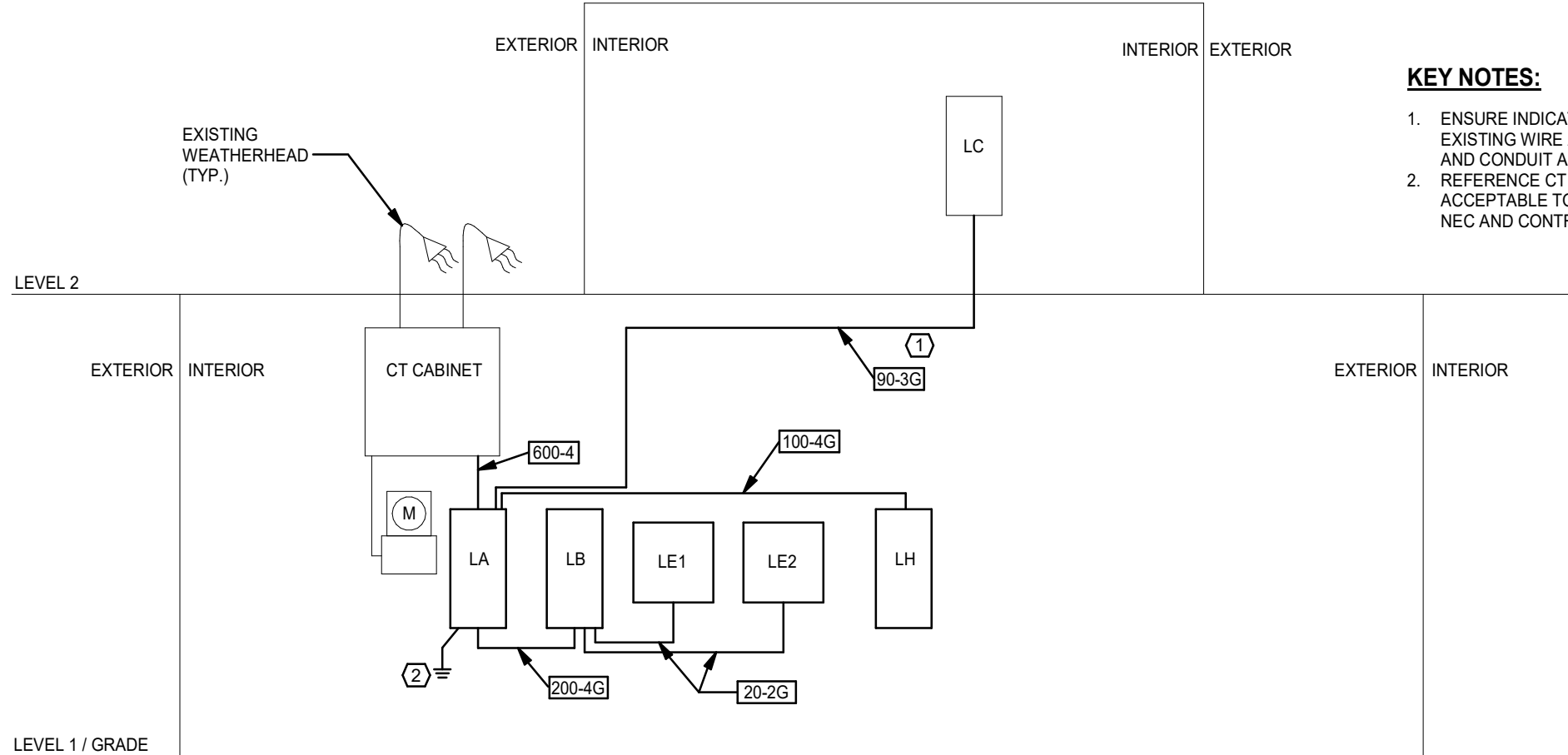
GENERAL NOTES:
 A. THIS IS A MASTER SCHEDULE. ALL SIZES MAY NOT OCCUR IN ALL PROJECTS.
 B. ALUMINUM CONDUCTORS (LINE, NEUTRAL, OR GROUND) SMALLER THAN #10 ARE NOT ALLOWED. WHEN ALUMINUM FEEDERS ARE ALLOWED, FOR ALUMINUM FEEDERS WHERE THE ALUMINUM GROUND CONDUCTOR SIZE WOULD BE SMALLER THAN #10, PROVIDE COPPER GROUND CONDUCTOR AS INDICATED.
 C. FIELD VERIFY CABLE SIZES DO NOT RESULT IN TOTAL CIRCUIT VOLTAGE DROP GREATER THAN 5% AFTER ACCOUNTING FOR INTENDED CABLE ROUTING.

GENERAL NOTES:

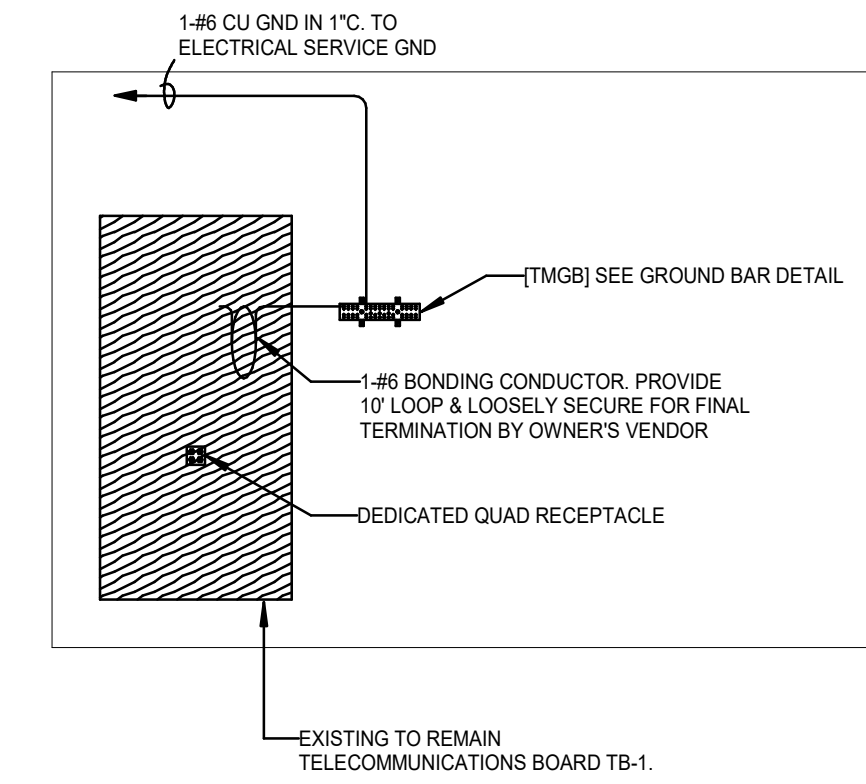
- PHASE CONDUCTORS NOT SHOWN FOR CLARITY.
 - THIS DETAIL IS SCHEMATIC IN NATURE. ALL COMPONENTS MAY NOT BE PRESENT FOR ALL PROJECTS.
- KEY NOTES:** (X)
- TYPICAL NEUTRAL BUS.
 - TYPICAL GROUND BUS.
 - SERVICE ENTRANCE ELECTRICAL EQUIPMENT.
 - NON-SERVICE ENTRANCE ELECTRICAL EQUIPMENT.
 - TYPICAL BRANCH CIRCUIT.
 - PRIMARY BUS BAR AS REQUIRED. WHERE PRESENT, REFERENCE GROUND BAR DETAIL FOR FURTHER INFORMATION.
 - MAIN BONDING JUMPER (FACTORY INSTALLED STRAP).
 - SERVICE ENTRANCE CONDUIT FROM UTILITY.
 - CONNECT TO INTERIOR METAL WATER PIPING THAT IS ELECTRICALLY CONTINUOUS WITH METAL WATER PIPING THAT HAS DIRECT CONTACT WITH THE EARTH FOR 10' OR MORE. CONNECTION SHALL BE LOCATED WITHIN THE FIRST 5' OF POINT OF ENTRANCE TO THE BUILDING. PROVIDE #30 CU BONDING CONNECTION AROUND WATER METER. NEC 250.52(A)(1) AND 250.68(C)(1).
 - CONNECT TO STRUCTURAL METAL THAT HAS DIRECT CONTACT WITH THE EARTH VERTICALLY FOR 10' OR MORE, WITH OR WITHOUT CONCRETE ENCASMENT. IF MULTIPLE METAL IN-GROUND SUPPORT STRUCTURES ARE PRESENT, IT IS ONLY REQUIRED TO BOND ONE METAL SUPPORT STRUCTURE INTO THE GROUNDING ELECTRODE SYSTEM. NEC 250.52(A)(2) AND 250.68(C)(2).
 - 2" MINIMUM.
 - NONMETALLIC PROTECTIVE SLEEVE.
 - TYPICAL GROUNDING ELECTRODE CONDUCTOR RACEWAYS. BOND EACH END OF RACEWAY VIA #30 CU. NEC 250.64(E)(1).
 - #30 CU GROUNDING ELECTRODE CONDUCTOR IN 1" CONDUIT.
 - TYPICAL 1" CONDUIT FOR GROUNDING ELECTRODE CONDUCTOR.
 - CONDUCTOR / CONDUIT SIZE AS INDICATED ON ELECTRICAL RISER / ONE-LINE DIAGRAM AND FEEDER SCHEDULE.
 - 3/4"X10" COPPER CLAD GROUND ROD OR COUNTERPOISE.
 - CONNECTION LISTED FOR THE INDICATED PURPOSE.
 - 20' LONG #4 CU BARE CONDUCTOR OR STEEL REINFORCING BAR / ROD NOT LESS THAN 1/2" DIAMETER.
 - FOUNDATION IN DIRECT CONTACT WITH EARTH.
 - #30 CU CONDUCTOR IN 1" CONDUIT.
 - WATER METER.
 - BONDED TERMINAL BLOCK.
 - CT CABINET.
 - BOND SERVICE ENTRANCE CONDUIT VIA #30 CU. NEC 250.92(B)(4).
 - BOND SERVICE ENTRANCE ENCLOSURE VIA #30 CU. NEC 250.92(A)(2).
 - BOND BRANCH CIRCUIT CONDUIT VIA #30 CU WHERE BRANCH CIRCUIT IS GREATER THAN 250V TO GROUND AND CONCENTRIC OR ECCENTRIC KNOCKOUTS ARE USED. IF THE BOX/ENCLOSURE WITH CONCENTRIC OR ECCENTRIC KNOCKOUTS IS LISTED TO PROVIDE A RELIABLE BONDING CONNECTION, A SEPARATE BONDING JUMPER BONDING THE CONDUIT IS NOT REQUIRED. NEC 250.97.
 - BOND CONDUIT TO GROUND BAR. REFERENCE GROUND BAR DETAIL FOR FURTHER INFORMATION.
 - BOND ENCLOSURE VIA #30 CU.



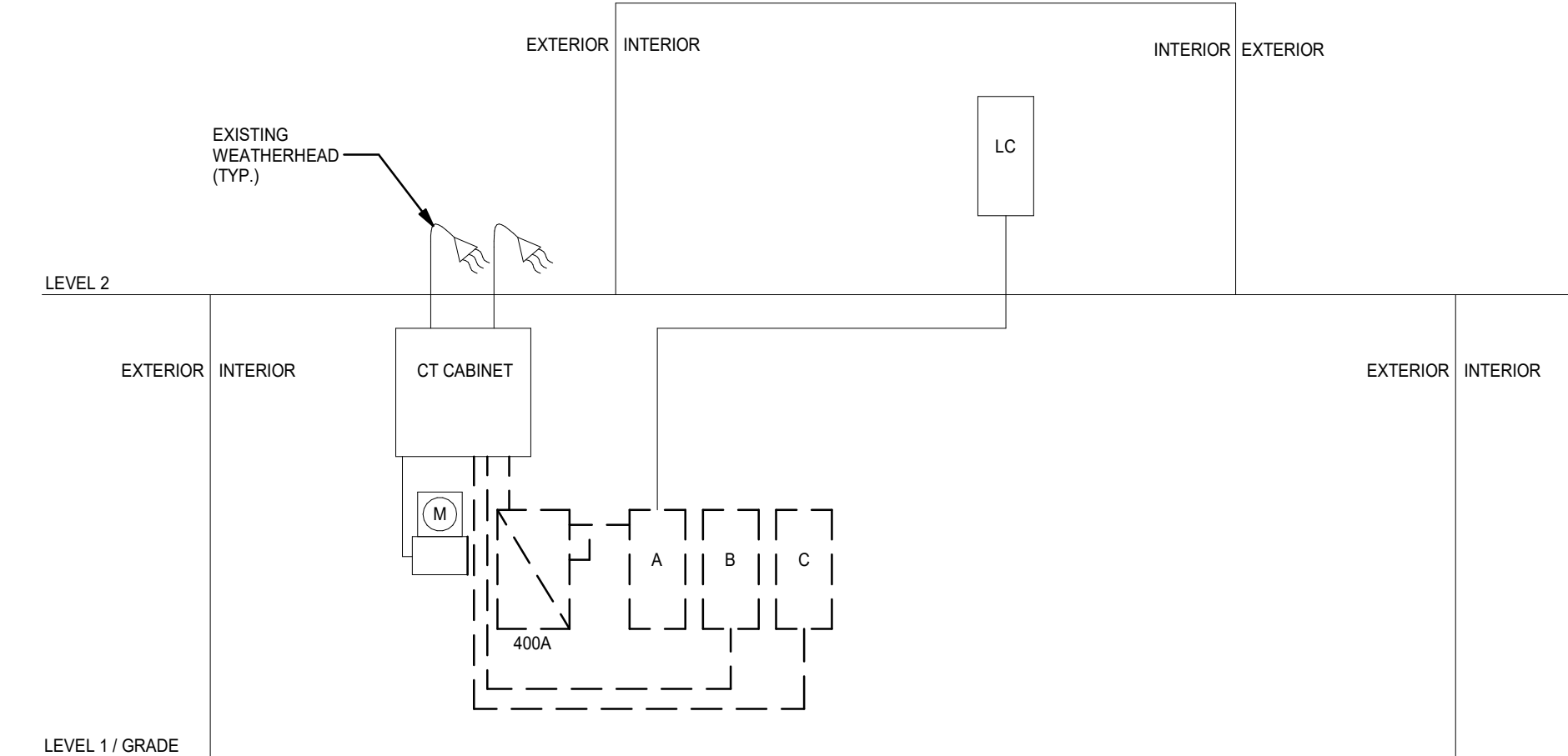
1 SERVICE ENTRANCE GROUNDING DETAIL (CT CABINET)
E303 NO SCALE



3 ELECTRICAL RISER DIAGRAM
E303 NO SCALE



2 TELECOMMUNICATIONS RISER DIAGRAM
E303 NO SCALE



4 DEMOLITION ELECTRICAL RISER DIAGRAM
E303 NO SCALE



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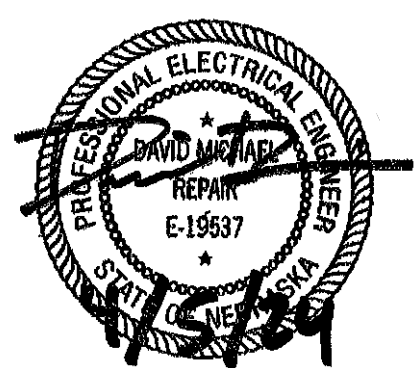
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CERTIFICATE OF AUTHORIZATION # CA1800

PROJECT # 24-027

ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114



DATE: 04/05/2024



ELECTRICAL DETAILS

E303



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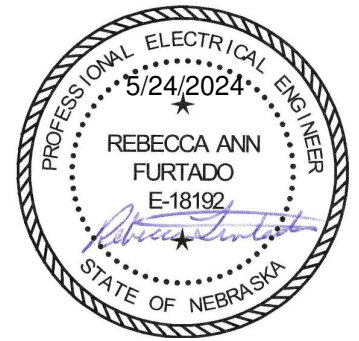
CERTIFICATE OF AUTHORIZATION # CA1800

PROJECT # 24-027

ATTITUDE ON FOOD
AOF CATERING KITCHEN
7758 CASS STREET OMAHA, NE 68114

Table with 3 columns: No., Issued For, Date. Row 1: 2, ASI #2, 5-24-2024

DATE: 04/05/2024



LIGHTING SCHEDULES

E402

Table with columns: TAG, MANUFACTURER, MODEL NUMBER, SUBS (N, P, Y), WATTS, INPUT VOLTAGE, OUTPUT VOLTAGE, CIRCUIT BREAKERS, WxDxH (IN), REMARKS

GENERAL NOTES:

- A. SUBSTITUTIONS: 1. WHERE INDICATED WITH 'N' (NO), NO SUBSTITUTIONS WILL BE ACCEPTED. 2. WHERE INDICATED WITH 'P' (PRIOR APPROVAL), SUBSTITUTIONS MUST BE APPROVED PRIOR TO BID. 3. WHERE INDICATED WITH 'Y' (YES), IT IS ACCEPTABLE TO SUBMIT AN INVERTER FROM AN EQUIVALENT MANUFACTURER... 4. IF AN INVERTER IS SUBMITTED AS EQUIVALENT WITHOUT PRIOR APPROVAL... B. MODEL NUMBER VERIFICATION - CONTRACTOR SHALL VERIFY LIGHT FIXTURE INSTALLATION REQUIREMENTS AND MODEL NUMBER PRIOR TO ORDERING...

REMARKS:

- 1. XXX

Table with columns: TAG, DESCRIPTION, SUBS (N, P, Y), MANUFACTURER, MODEL NUMBER, LED SOURCE (DELIVERED LUMENS, CCT (K), MIN. CRI), APPARENT LOAD (VA), VOLTAGE, DIMMING % (TYPE), FINISH, MOUNTING, REMARKS

GENERAL NOTES:

- A. SUBSTITUTIONS: 1. WHERE INDICATED WITH 'N' (NO), NO SUBSTITUTIONS WILL BE ACCEPTED. 2. WHERE INDICATED WITH 'P' (PRIOR APPROVAL), SUBSTITUTIONS MUST BE APPROVED PRIOR TO BID. 3. WHERE INDICATED WITH 'Y' (YES), IT IS ACCEPTABLE TO SUBMIT LIGHT FIXTURES FROM EQUIVALENT MANUFACTURERS... B. MODEL NUMBER VERIFICATION - CONTRACTOR SHALL VERIFY LIGHT FIXTURE INSTALLATION REQUIREMENTS AND MODEL NUMBER PRIOR TO ORDERING... C. DIMMING DRIVERS - COORDINATE EXACT DIMMING PROTOCOL AND DRIVER COMPATIBILITY... D. DIMMING DRIVERS - COORDINATE EXACT DIMMING PROTOCOL AND DRIVER COMPATIBILITY... E. CEILING COORDINATION: 1. ALL CEILING MOUNTED LIGHT FIXTURE TYPES SHALL HAVE LIGHT FIXTURE MOUNTING COORDINATED WITH GRID TYPE OR CEILING MATERIAL TYPE... F. LINEAR LIGHT FIXTURES - LIGHT FIXTURES IDENTIFIED WITH NORMAL, EMERGENCY/LIFE SAFETY, AND/OR DAYLIGHT ZONE SECTIONS SHALL BE PROVIDED WITH DEDICATED EMERGENCY/LIFE SAFETY AND/OR DAYLIGHT ZONE DRIVERS... G. LINEAR AND LINEAR PATTERN LIGHT FIXTURES - COORDINATE EXACT PATTERN AND SECTION LENGTHS WITH LIGHTING PLANS... H. LINEAR WALL-TO-WALL MOUNTING - PROVIDE LIGHT FIXTURE WITH CONTINUOUS ILLUMINATION FROM WALL TO WALL... I. COVE - DRAWINGS PROVIDE GENERAL ILLUSTRATION OF COVE LAYOUT... J. TRACK - PROVIDE SINGLE CIRCUIT TRACK SYSTEM WITH ALL NECESSARY COMPONENTS FOR A COMPLETE INSTALLATION... K. UNDERCABINET LIGHT FIXTURES - PROVIDE ALL NECESSARY MANUFACTURER'S ACCESSORIES TO ACCOMMODATE INSTALLATION... L. EXIT SIGNS - PROVIDE QUANTITY AND TYPE OF FACES AND EXIT DIRECTION CHEVRONS AS INDICATED ON PLANS... M. PENDANT/SUSPENSION MOUNTED LIGHT FIXTURE(S) - REFERENCE MOUNTING HEIGHT(S) INDICATED ON PLANS AND/OR SCHEDULE...

REMARKS:

- 1. CONNECT TO INVERTER CIRCUIT. REFERENCE LIGHTING PLANS FOR FURTHER INFORMATION.
2. MATCH EXISTING APERTURE SIZE. FIELD VERIFY EXISTING APERTURE SIZE PRIOR TO ORDERING.
3. PROVIDE CONNECTION POINT ON FIXTURE SO THAT EXISTING ELECTRICAL CONNECTION LOCATION CAN ACCOMMODATE THE INDICATED LAYOUT. FIELD VERIFY EXISTING CONNECTION LOCATIONS AND COORDINATE WITH VENDOR.
4. MOUNT AT 6" O.F. PROVIDE MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED.

Table with columns: TAG, SWITCH SCHEDULE, SOO, LIGHTING CONTROL AREA(S), SCENE, ZONE(S), DIM (%), ILLUMINANCE (FC, AVG / MIN / MAX, H / V, CALC PT PLANE, CALC PT LOCATION(S)), REMARKS

GENERAL NOTES:

- A. NOT ALL LIGHTING CONTROL AREAS AND ZONES MAY UTILIZE TASK LEVEL TUNING. REFERENCE LIGHTING PLANS, LIGHTING CONTROL SEQUENCE OF OPERATIONS, AND LIGHTING CONTROL SWITCH SCHEDULE FOR FURTHER INFORMATION.
B. UNLESS NOTED OTHERWISE, THE FOLLOWING ABBREVIATIONS ARE APPLICABLE TO THIS SCHEDULE:
a. F: FLOOR
b. FC: FOOTCANDLES
c. H: HORIZONTAL
d. LV: LOW VOLTAGE
e. SOD: LIGHTING CONTROL SEQUENCE OF OPERATION
f. V: VERTICAL
g. WP: WORKPLANE (30" AFF)
C. UNLESS OTHERWISE NOTED, PROVIDE A MINIMUM OF TWO CALCULATION POINT MEASUREMENT LOCATIONS FOR EACH CONTROL ZONE.

REMARKS:

- 1. XXX

STRUCTURAL NOTES, GENERAL

- CODE: References to the "code" in each section shall be as follows:
 - Building Code: IBC 2018 with local amendments
 - Risk Category: II
 - Other Applicable Codes as Referenced in the Building Code:
 - Steel Code: AISC 360, Specification for steel buildings, AISC 341 Seismic Provisions
 - Minimum Design Loads for Building: ASCE 7
- STRUCTURAL DESIGN LOADS:
 - ROOF LIVE LOADS:
 - Flat and Sloped Roofs: 25 PSF
 - SNOW:
 - Ground Snow Load: 25 PSF
 - Flat-Roof Snow Load (P_f): 17.5 PSF
 - Snow Exposure Factor: C_e = 1.0
 - Thermal Factor: C_t = 1.0
 - Importance Factor: I = 1.0
 - WIND:
 - Wind Speed (Ultimate): 111 MPH
 - Exposure Category: B
 - Internal Pressure Coefficient: ± 0.18
 - SEISMIC:
 - Spectral Response Accelerations: S_s = 0.073; S₁ = 0.045
 - Site Class: D
 - Importance Factor: 1.00
 - Seismic Design Category: B
- GENERAL NOTES:
 - All work shall comply with requirements of the Building Code, with recommendations of manufacturers, and with recognized workmanship and material standards.
 - Comply with all applicable codes, ordinances, and regulations including those promulgated and enforced by OSHA. The structural design represented by the drawings and specifications is based on interaction of the various components, materials, and systems shown or required by the drawings and specifications. The contractor shall determine the need for and provide all required bracing, shoring, or other means to ensure stability and safety until all work required by the contract documents is complete. When and where necessary to comply with these requirements, the contractor shall provide appropriate additional temporary or permanent connections, shoring, and/or bracing or, in the alternative, shall make appropriate modifications of specified connections and/or members. Where additions to or modifications of specified requirements are proposed, they shall be submitted to the Architect for review and approval. Such review and approval will be only for compliance with the structural and architectural design intent for the work. The adequacy for construction phase stability and safety is the responsibility of the contractor.
 - Adapt requirements of details, sections, plans, and notes at all locations of which conditions are similar.
 - The structural drawings are to be read in view of all other drawings and all specifications. Coordinate all work shown with all other work.
 - Shop drawings for any part of the work shall show the interface with and provisions for related other work including such adaptations of requirements given as may be necessary.
 - Contractor shall cross check dimensions and elevations between architectural, mechanical, and structural plans and notify Architect of any variance before contractor begins work.
 - Lateral shoring of existing utilities and tunnels is the responsibility of the Contractor. See Site and AR plans for locations of existing utilities and tunnels and minimum locations of shoring. Notify Architect immediately if existing conditions conflict with drawings.
- MECHANICAL, ELECTRICAL, AND PIPING SYSTEMS WORK:
 - Secondary framing, bridging, or other means shall be provided to distribute loads to structural members. Such framing, bridging, or other means shall be shown on the shop drawings for the work of the mechanical, electrical and piping systems.
 - Location and design weight of Mechanical Units are indicated on the Framing Plans. If the units are heavier or located differently than indicated, notify the Architect/Engineer. Revisions to the framing may be required.
- SPECIAL INSPECTION:
 - Special Inspection in accordance with the Building Code will be performed per the special inspection schedules on this sheet.
 - Special Inspections shall be hired and paid for by the owner. Retest expenses for failed inspections will be charged to the contractor.
 - The Contractor shall provide the Special Inspector sufficient notification to allow the required inspections to be made without delaying the construction schedule. The Contractor shall confirm that all inspections have been completed and approved by the Special Inspector prior to proceeding with Work.
- ABBREVIATIONS:

ARCH.	Architect	E.O.R.	Structural Engineer of Record	PL	Plate
B.O.	Bottom Of			REIN.	Reinforcing
B.O.S.	Bottom of Steel	EA.	Each	REQ'D	Required
BOTT.	Bottom	EXIST.	Existing	S.O.G.	Slab on Grade
BRG.	Bearing	EXP.	Expansion	SIM.	Similar
BTWN.	Between	F.V.	Field Verify	STD.	Standard
CLR.	Clear	FTG.	Footing	T.O.	Top Of
COL.	Column	H.D.G.	Hot-Dipped Galvanized	T.O.F.	Top of Footing
CONC.	Concrete	H.S.	Headed Studs	T.O.S.	Top to Steel
CONT.	Continuous	HORIZ.	Horizontal	T.O.W.	Top of Wall
COORD.	Coordinate	JST.	Joist	TYP.	Typical
D.B.A.	Deformed Bar Anchor	JT.	Joint	U.N.O.	Unless Noted Otherwise
DBL.	Double	N.W.	Normal Weight	V.V.A.	Verify with Architect
DET.	Detail	o.c.	On Center	VERT.	Vertical
				w/	With

STRUCTURAL STEEL WORK

- MATERIALS:
 - Wide Flange Beams and Tee Shapes: ASTM A992, Grade 50
 - Angles, Channels, Plates, and Bars: ASTM A36
 - Steel Tubes: ASTM A500, Grade C
 - Steel Pipes: ASTM A53, Type E or S, Grade B
 - Headed Studs: ASTM A108, Grade 1015
 - Anchor Bolts: ASTM F1554 [Gr. 36], Headed Type, U.N.O.
 - Non-High Strength Bolts: ASTM A307
 - High Strength Bolts: ASTM F3125 [Gr. A325] bearing type connections, U.N.O.
 - Welding Electrodes: E70
 - Deformed Bar Anchors: ASTM A496, with a minimum tensile strength of 80 ksi.
- STRUCTURAL STEEL:
 - All steel work shall comply with the Building Code and Steel Code.
 - Provide structural steel work as shown on the drawings and submit shop drawings for the same. Where the design of members or connections are not specifically noted, provide such in accordance with the latest AISC specifications and submit the design with the shop drawings for approval.
 - Steel shall be fabricated to achieve the elevations, slopes, and geometry shown on the Architectural and Structural Drawings. Structural steel shall provide a uniform surface for the attachment of metal deck.
 - All structural steel shapes, plates, bolts, etc. exposed to weather shall be galvanized.
 - Touch-up all field welding work of galvanized members w/ ZRC Cold Galvanizing.
 - All bolted connections shall be "snug-tight" unless noted otherwise on structural details.

EXISTING CONSTRUCTION NOTES

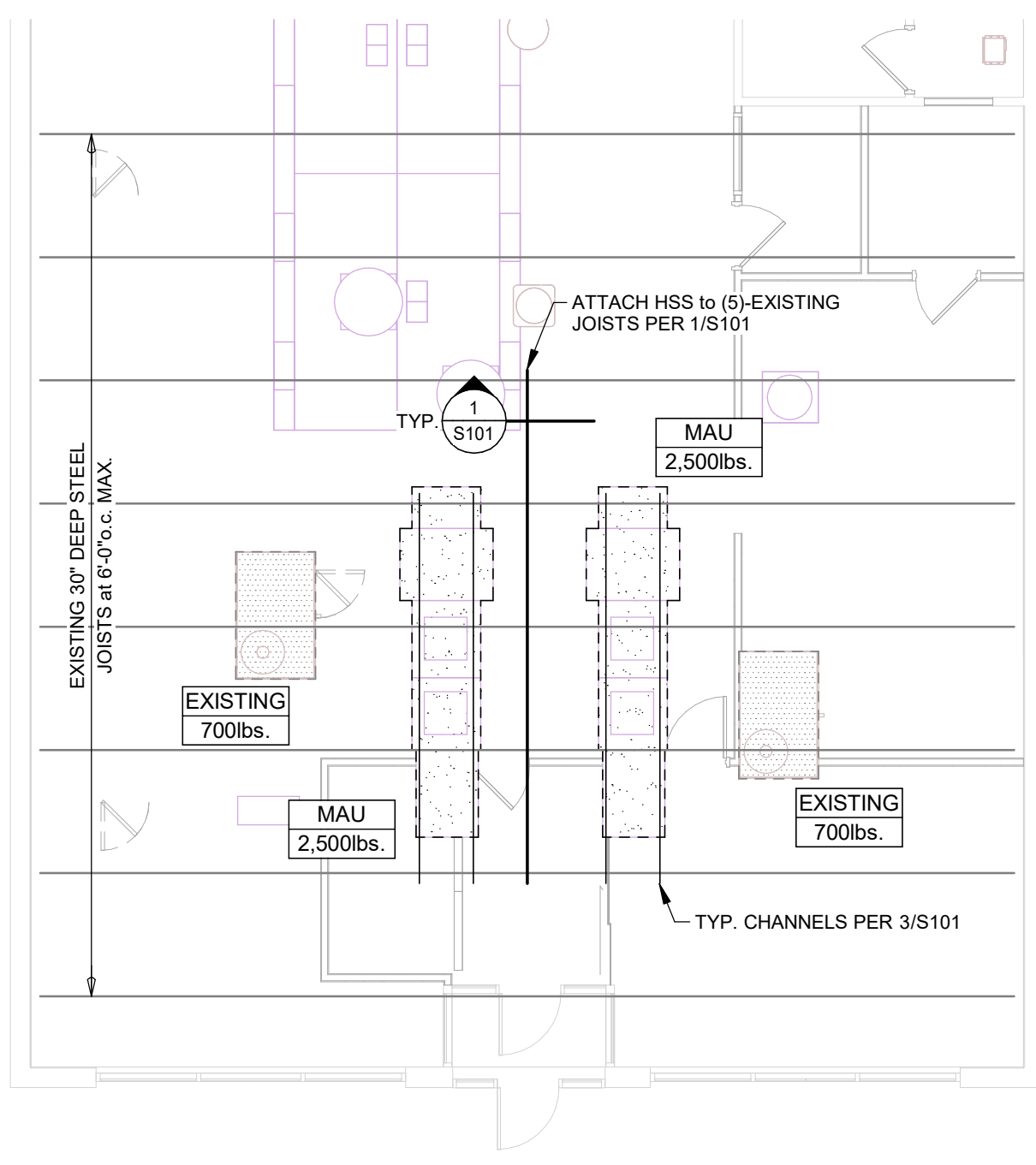
- Field verify vertical and horizontal location of existing construction prior to proceeding with work.
- Existing conditions shown on the drawings were obtained from existing plans, field observations, or were assumed. If conditions other than those shown exist, immediately notify Architect before proceeding with the work at that location; alternate methods of construction may need to be used.
- Use appropriate construction methods and equipment to support existing structures and to avoid overstressing the existing structures.
- Where existing construction shows signs of deterioration or damage, notify Engineer for observation to determine if corrective work is required.
- Where specifically noted on the drawings, notify engineer after existing structural items have been exposed to view. Allow (1) week from notification for engineer to observe existing conditions and issue requirements for new construction.

STEEL FRAMING PLAN NOTES:

- SEE STRUCTURAL NOTES ON THIS SHEET.
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND EXIST. CONDITIONS.
- ROOF TOP EQUIPMENT NOTES:
 - xxx-x ---- ROOF TOP EQUIPMENT DESIGNATION
x,xxx LBS ---- TOTAL MAXIMUM WEIGHT OF UNIT, CURB, AND ACCESSORIES; POUNDS

NOTE: SIZE, WEIGHT, AND LOCATION OF ALL ROOF TOP EQUIPMENT SHALL BE CONFIRMED BY CONTRACTOR.

 - REFER TO MECH DWGS. FOR ACTUAL LOCATION OF ROOF TOP UNITS.
 - ALL ROOF FRAMING SHALL BE COORDINATED w/ MECHANICAL WORK.
 - FRAME OPENINGS IN EXISTING ROOF DECK PER DETAIL 2/S101



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

2016 AISC 360 TABLE N5.4-1 Inspection Tasks Prior to Welding

Inspection Tasks Prior to Welding	QC	QA
Welder qualification records and continuity records	P	O
WPS available	P	P
Manufacturer certifications for welding consumables available	P	P
Material identification (type/grade)	O	O
Welder identifications system (1)	O	O
Fit-up of groove welds (including joint geometry)		
- Joint preparation		
- Dimensions (alignment, root opening, root face, bevel)	O	O
- Cleanliness (condition of steel surfaces)		
- Backing type and fit (if applicable)		
Fit-up of CJP groove welds of HSS T-, Y- and K-joints without backing (including joint geometry)		
- Joint preparations		
- Dimensions (alignment, root opening, root face, bevel)	P	O
- Cleanliness (condition of steel surfaces)		
- Tacking (tack weld quality and location)		
Configuration and finish of access holes	O	O
Fit-up of fillet welds		
- Dimensions (alignment, gaps at root)	O	O
- Cleanliness (condition of steel surfaces)		
- Tacking (tack weld quality and location)		
Check welding equipment	O	---

2016 AISC 360 TABLE N5.4-2 Inspections During Welding

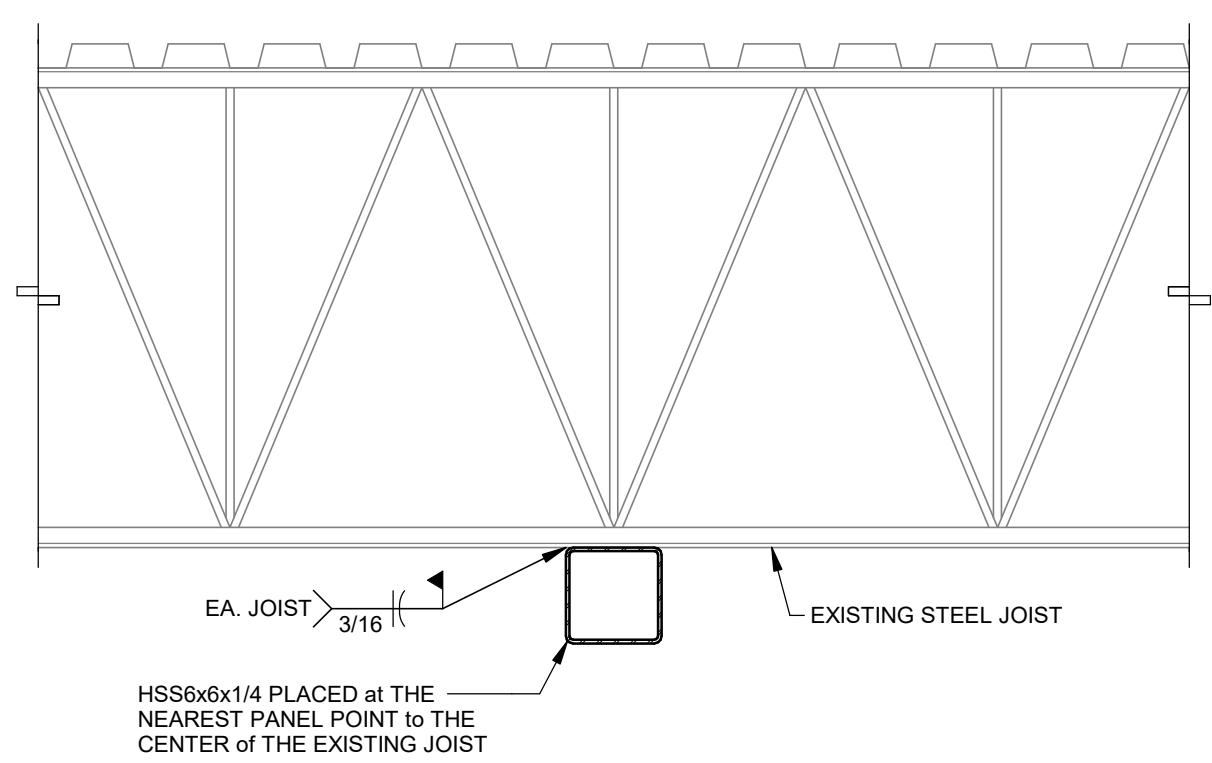
Inspection Tasks During Welding	QC	QA
Control and handling of welding consumables		
- Packaging	O	O
- Exposure control		
No welding over cracked tack welds	O	O
Environmental conditions		
- Wind speed within limits	O	O
- Precipitation and temperature		
WPS followed		
- Settings on welding equipment		
- Travel speed		
- Selected welding materials	O	O
- Shielding gas type/flow rate		
- Preheat applied		
- Interpass temperature maintained (min./max.)		
- Proper position (F, V, H, OH)		
Welding techniques		
- Interpass and final cleaning	O	O
- Each pass within profile limitations		
- Each pass meets quality requirements		
Placement and installation of steel headed stud anchors	P	P

2016 AISC 360 TABLE N5.4-3 Inspection Tasks After Welding

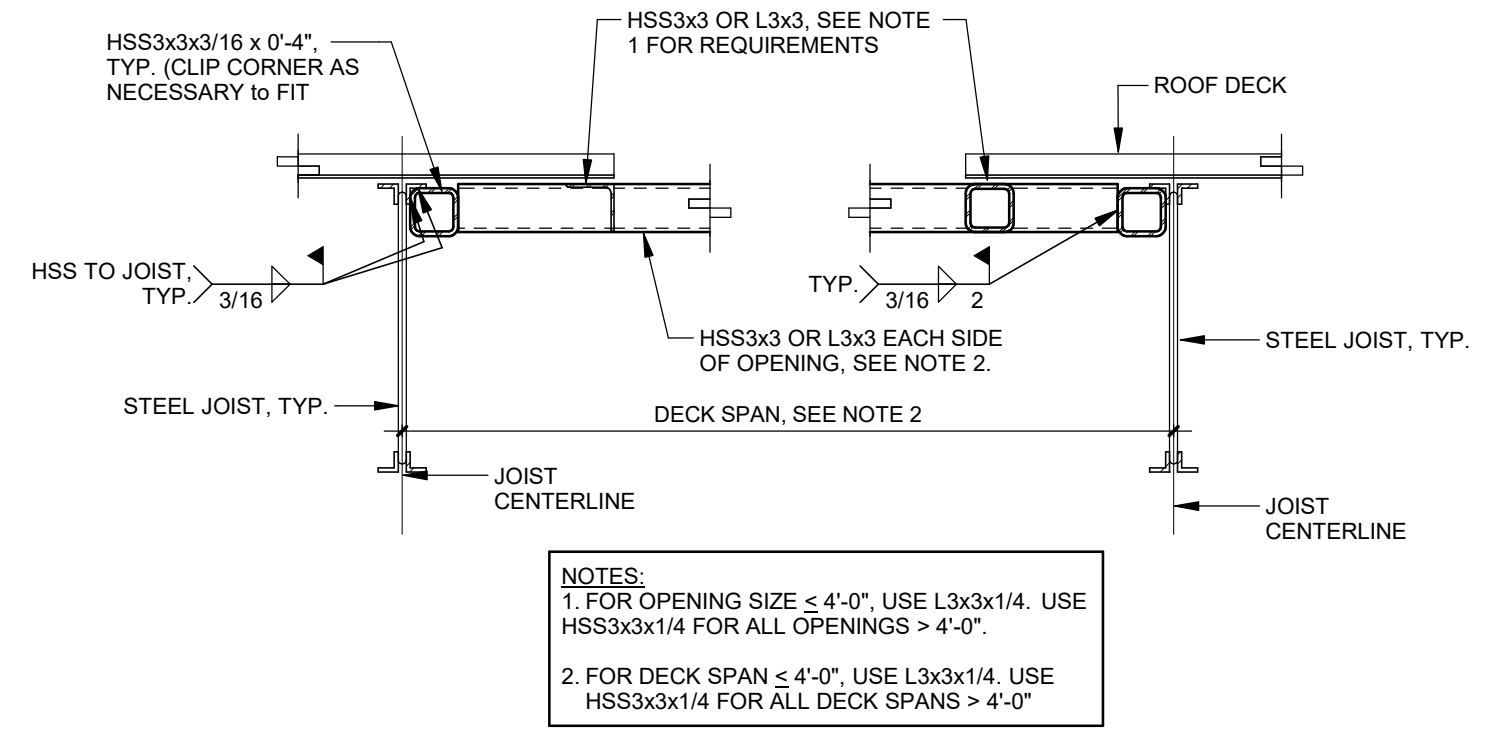
Inspection Tasks After Welding	QC	QA
Welds cleaned	O	O
Size, length and location of welds	P	P
Welds meet visual acceptance criteria		
- Crack prohibition		
- Weld/base-metal fusion	P	P
- Crater cross section		
- Weld profiles		
- Weld size		
- Undercut		
- Porosity		
Arc strikes	P	P
k-area (1)	P	P
Backing removed and weld tabs removed (if required)	P	P
Repair activities	P	P
Document acceptance or rejection of welded joint or member	P	P
No prohibited welds have been added without the approval of the EQR	O	O

(a) When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 in. (75 mm) of the weld.
 (b) After rolled heavy shapes (see Section A3.1c) and built-up heavy shapes (see Section A3.1d) are welded, visually inspect the weld access hole for cracks.

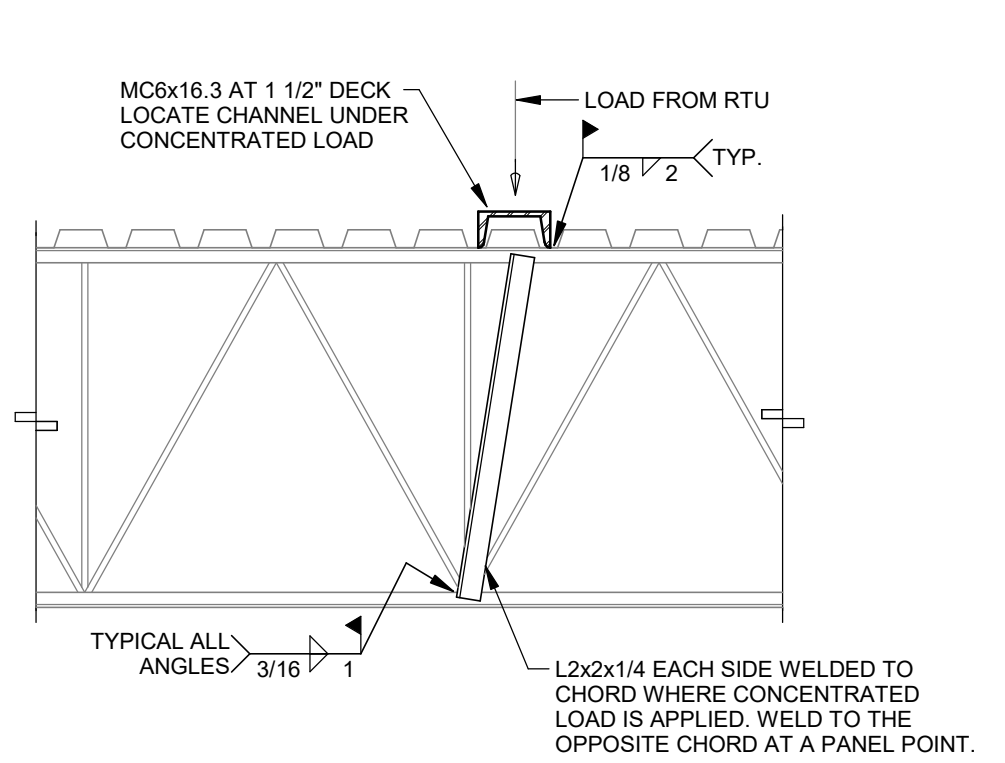
AISC SPECIAL INSPECTION NOTES:
 O - Observe these items on a random basis. Operations need not be delayed pending these inspections.
 P - Perform these tasks for each steel element.
 QC - Quality Control performed by the Steel Fabricator and Erector.
 QA - Quality Assurance performed by the Special Inspector.



1 SECTION
1" = 1'-0"



2 OPENINGS IN METAL ROOF DECK
1" = 1'-0"



3 JOIST REINFORCING DETAIL
3/4" = 1'-0"

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 PROFESSIONAL STRUCTURAL ENGINEER
 SQUIRE III
 E-5572
 4/15/2024
 STATE OF NEBRASKA

Attitude On Food
 Commercial - Catering Kitchen
 7758 Cass Street
 Omaha, NE 68114

04/15/2024 ASI-1
 DRAWN BY: ERR
 APPROVED BY: KPS
 ISSUED FOR: ADF
 ISSUE DATE: 2024.04.05
 PROJECT NUMBER: 2240002640
 FIELD BOOK

ROOF FRAMING PLAN
S101

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 TD2 Project #1560-103 NE CA-0199