

**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

**CONSTRUCTION TYPE**

CONSTRUCTION TYPE I: REINFORCED CONCRETE STRUCTURE

**NOTE**  
**Codes Used in the project**

1. FBC 107.2.1 Florida Building or Residential Code.
2. FBC 107.2.1, 107.3.5 & 604.3.1
3. FBC CH 3.
4. FBC Ch 8 & 10.
5. It's recommended to maintain a minimum clearance of 48 inches (122 cm) in front of the toilet bowl for people who use walkers or canes.

**OCCUPANT LOAD**  
**113 PEOPLE**  
**1 PERSON = 30 SQFT**



AMERICASA CO  
 ARCHITECTURE & INTERIOR DESIGN  
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 License Number: CGC1506360

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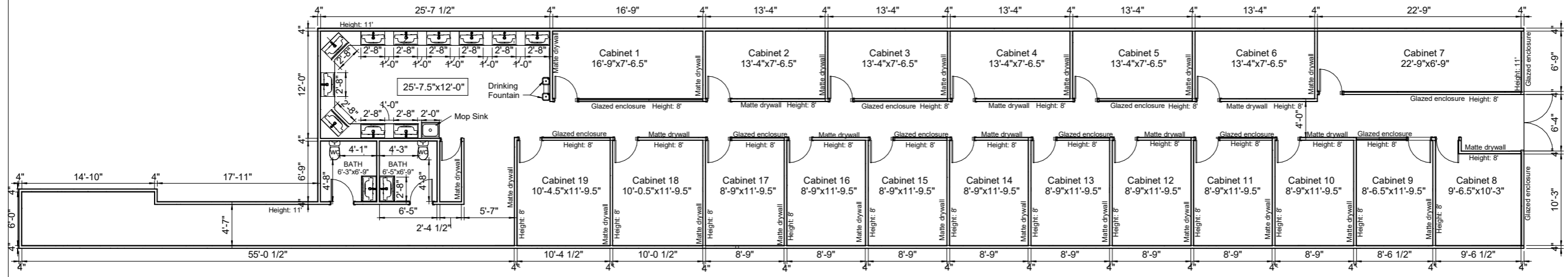
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**EXISTING CEILING PLAN**  
 SCALE 1'-0"=1/4"

(Stamp.)

No.	Description	Date



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

**CUSTOMER**  
 304 E Michigan St Orlando,  
 FL 32806

**EXISTING CEILING PLAN & GROUND FLOOR PLAN**

Requested by Lucia Sartori  
 Date 05/10/2024  
 Drawn by Muhammad Saqlain  
 Approved by Juan M. Vazquez  
 Checked by Americasa: RICARDO GALLOPP

**A-001**  
 Checked by As indicated

**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

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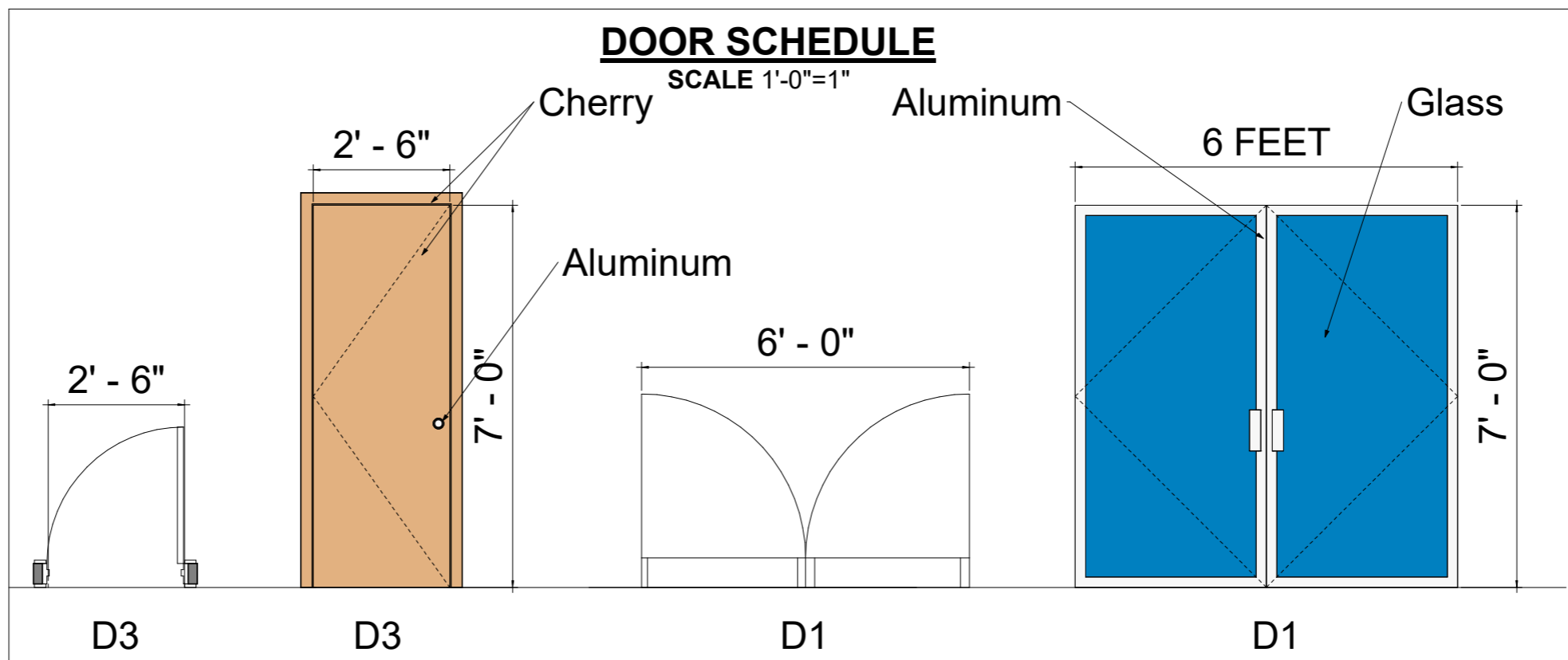
**OCCUPANT LOAD**

**113 PEOPLE**

**1 PERSON = 30 SQFT**

**DOOR SCHEDULE**

SCALE 1'-0"=1"



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(Stamp.)

No.	Description	Date

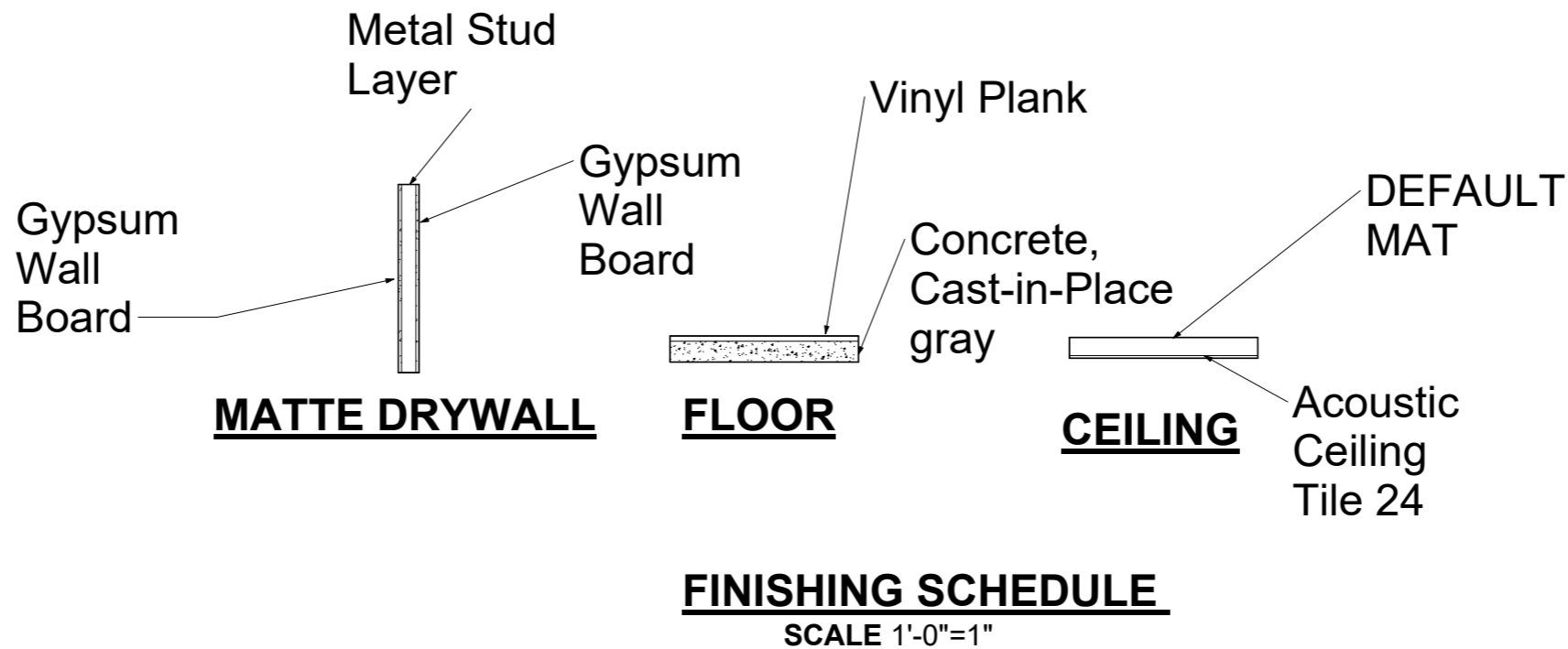
**CUSTOMER**  
304 E Michigan St Orlando,  
FL 32806

**DOOR SCHEDULE & FINISHING SCHEDULE**

Requested by Lucia Sartori  
Date 05/10/2024  
Drawn by Muhammad Saqlain  
Approved by Juan M. Vazquez  
Checked by Americasa:  
RICARDO GALLOPP

**A-002**

Checked by As indicated



**FINISHING SCHEDULE**

SCALE 1'-0"=1"

**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

**CONSTRUCTION TYPE**

CONSTRUCTION TYPE I: REINFORCED CONCRETE STRUCTURE

**NOTE**

**Codes Used in the project**

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**OCCUPANT LOAD**

**113 PEOPLE**

**1 PERSON = 30 SQFT**

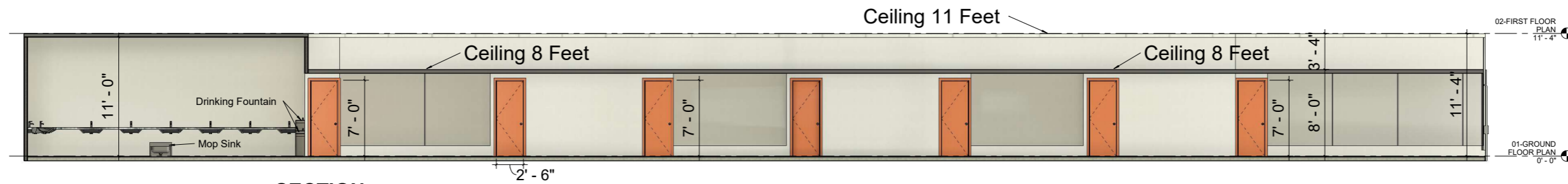


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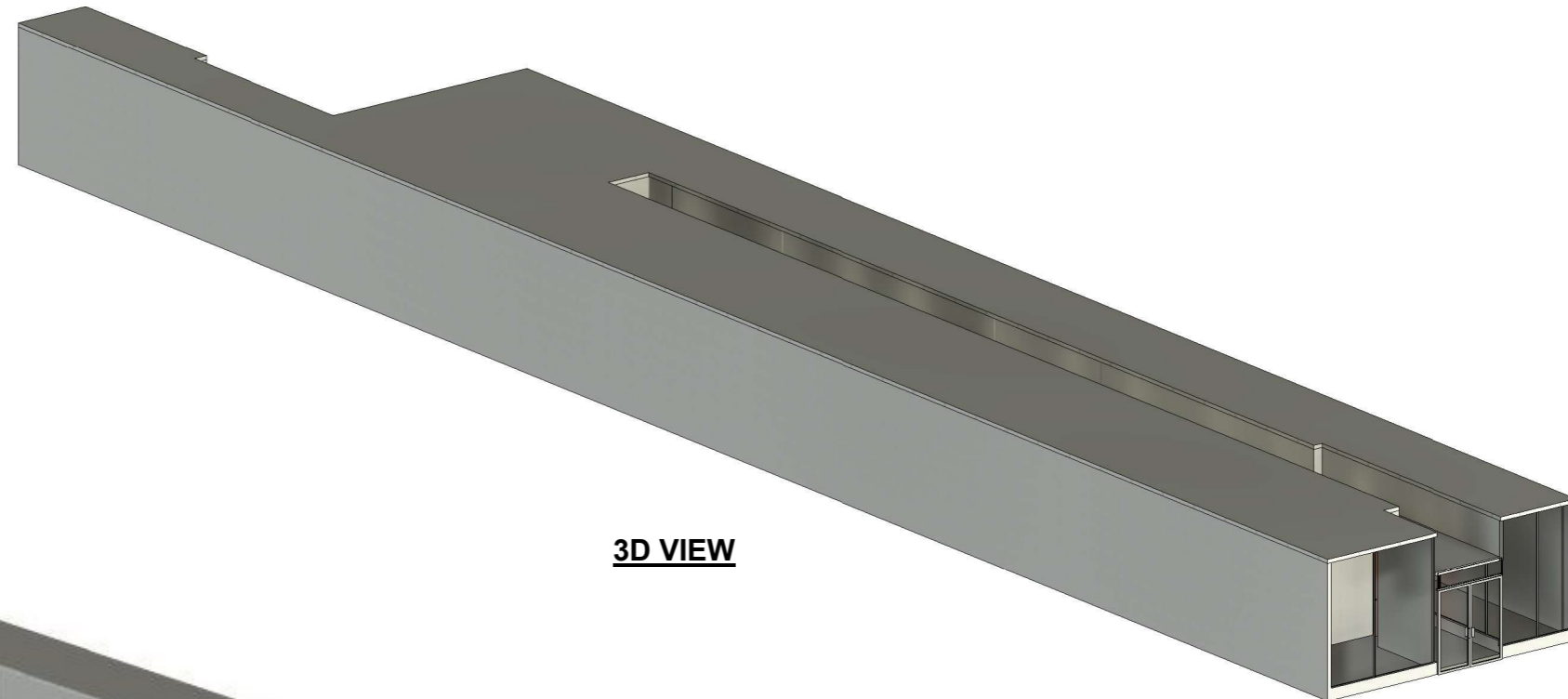
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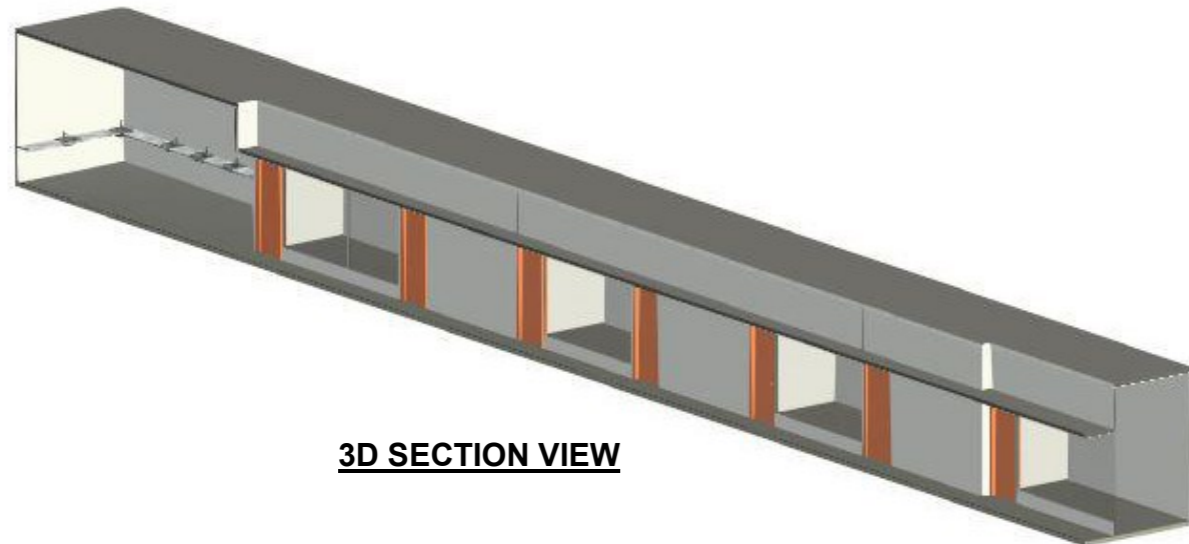
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**SECTION**  
SCALE 1'-0"=1/4"



**3D VIEW**



**3D SECTION VIEW**

(Stamp.)

No.	Description	Date

**CUSTOMER**

304 E Michigan St Orlando,  
FL 32806

**SECTION, 3D SECTION VIEW & 3D VIEW**











Requested by Lucia Sartori  
Date 05/10/2024  
Drawn by Muhammad Saqlain  
Approved by Juan M. Vazquez  
Checked by Americasa:  
RICARDO GALLOPP

**A-003**

Checked by As indicated

**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

**CONSTRUCTION TYPE**  
CONSTRUCTION TYPE I: REINFORCED CONCRETE STRUCTURE

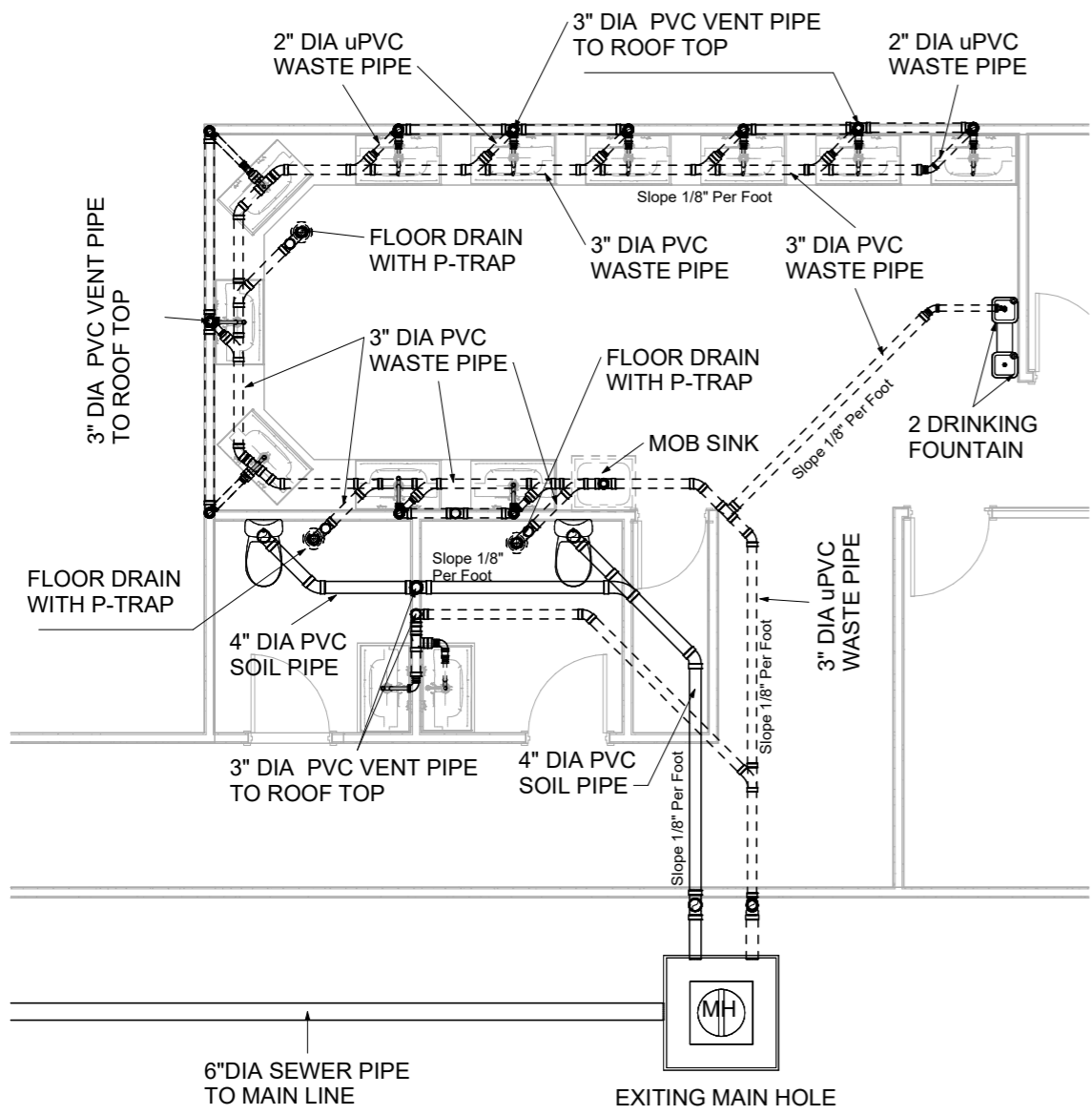
PLUMBING LEGEND		
1	FLOOR TRAP	
2	BASIN P-TRAP	
3	INSPECTION CHAMBERS	
4	MAIN HOLE	
5	HAND WASH BASIN	
6	4" DIA PVC SOIL PIPE	
7	3" DIA PVC WASTE PIPE	
8	WATER CLOSET	
9	DRINKING FOUNTAIN	
10	MOB SINK	

**NOTE**  
**CODES USED IN THE PROJECT**

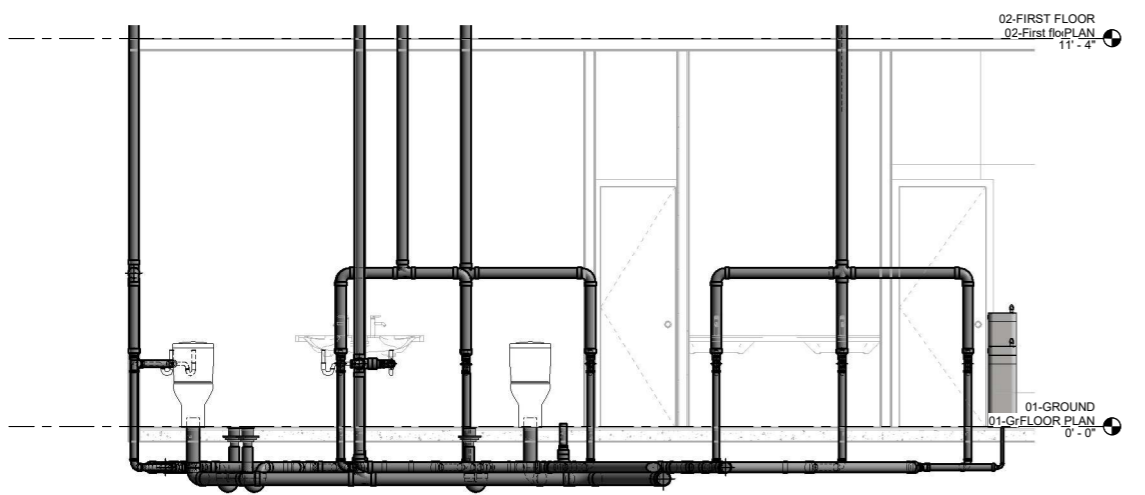
- (FBC Building [A]107.2.1 Information on construction documents
- FBC Accessibility code sections 604.3.1 Size.
- FBC-Plumbing 107.3.5, 604.2&706.3
- FBC Accessibility 604.1 General.FBC Accessibility 606.1 General.
- FBC Plumbing 901.2.1 Venting required.
- FBC Plumbing 706.1 Connections and changes in direction

**ALL SEWERGE PIPES ARE UNDER THE FLOOR AS PER FBC-PLUMBING CODES.**  
**ALL SEWERGE PIPES CONNECTION AS PER FBC-PLUMBING CODES.(45 DEGREE& 90 DEGREE)**

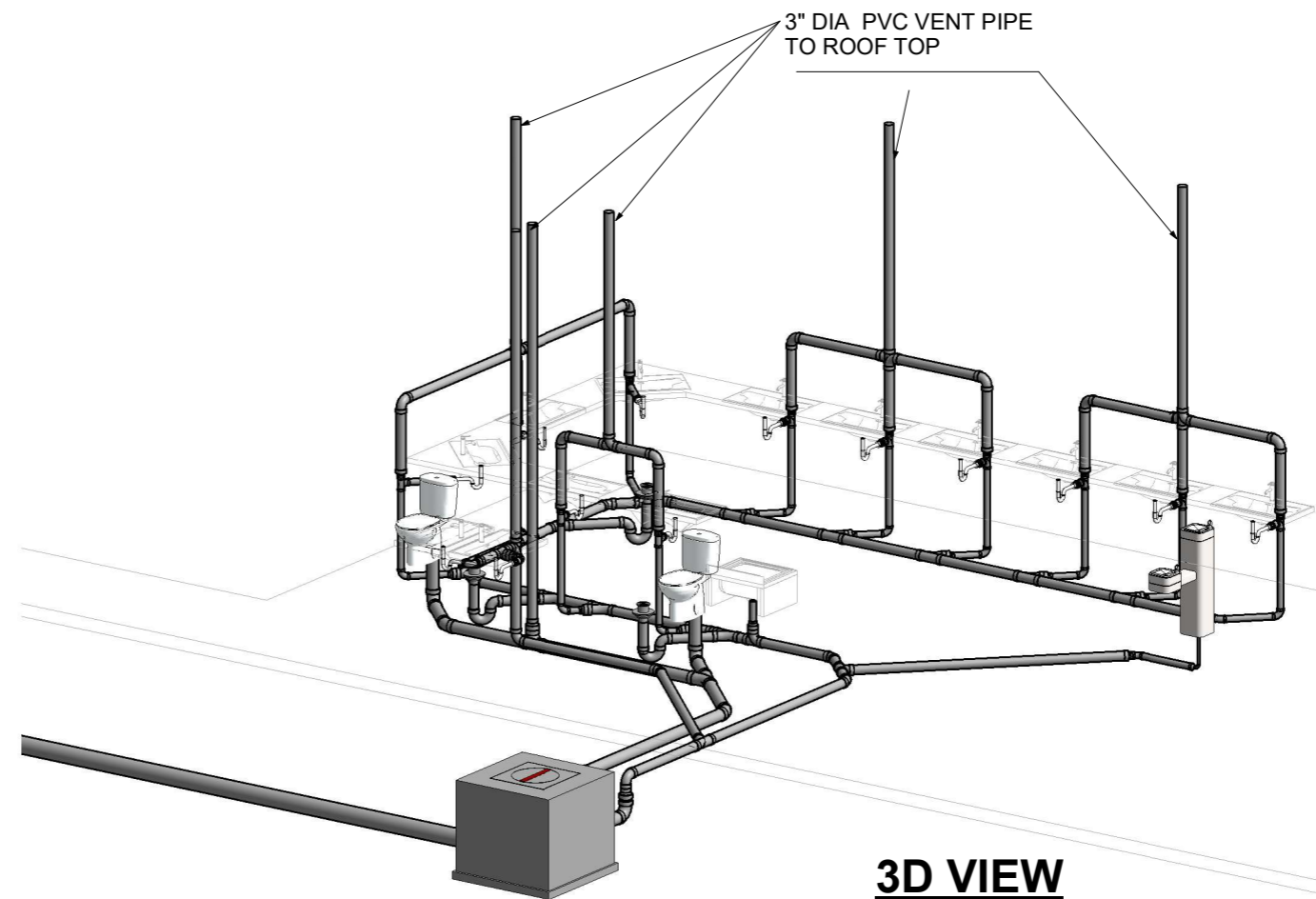
**OCCUPANT LOAD**  
**113 PEOPLE**  
**1 PERSON = 30 SQFT**



**SEWERAGE GROUND FLOOR PLAN**



**SECTION**



**3D VIEW**

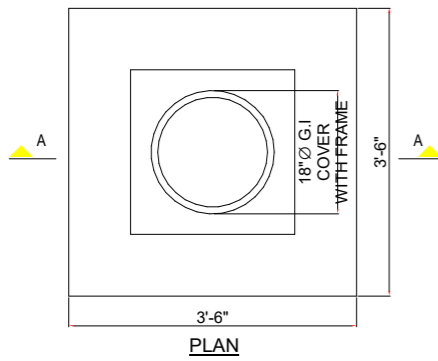
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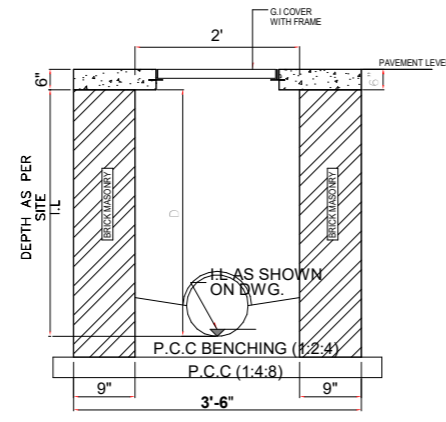
**CUSTOMER**  
304 E Michigan St Orlando, FL 32806

**SEWERAGE GROUND FLOOR PLAN 3D VIEW**

Requested by	Lucia Sartori
Date	05/10/2024
Drawn by	Muhammad Saqlain
Approved by	Juan M. Vazquez
Checked by	Americasa: RICARDO GALLOPP
<b>SEW-01</b>	
Checked by	As indicated



**TYPICAL SEWER MANHOLE**



**SECTION A-A**

PLUMBING LEGEND		
1	FLOOR TRAP	
2	BASIN P-TRAP	
3	INSPECTION CHAMBERS	
4	MAIN HOLE	
5	HAND WASH BASIN	
6	4" DIA PVC SOIL PIPE	
7	3" DIA PVC WASTE PIPE	
8	WATER CLOSET	
9	DRINKING FOUNTAIN	
10	MOB SINK	

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**OCCUPANT LOAD**

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ALL SEWERGE PIPES CONNECTION AS PER FBC-PLUMBING CODES.(45 DEGREE& 90 DEGREE)

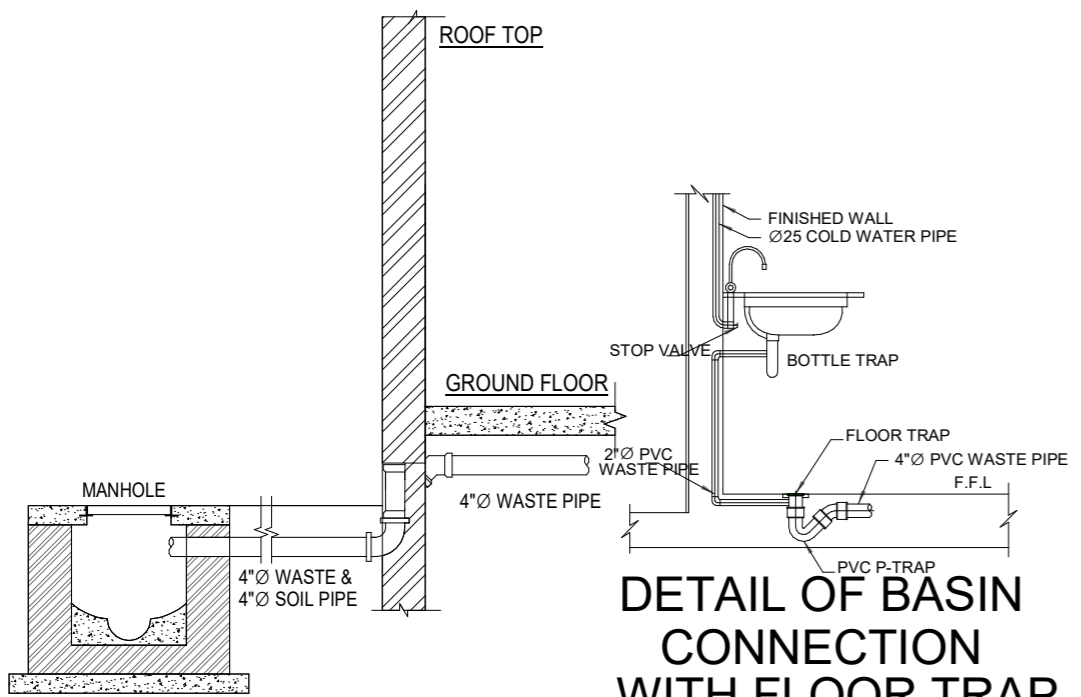


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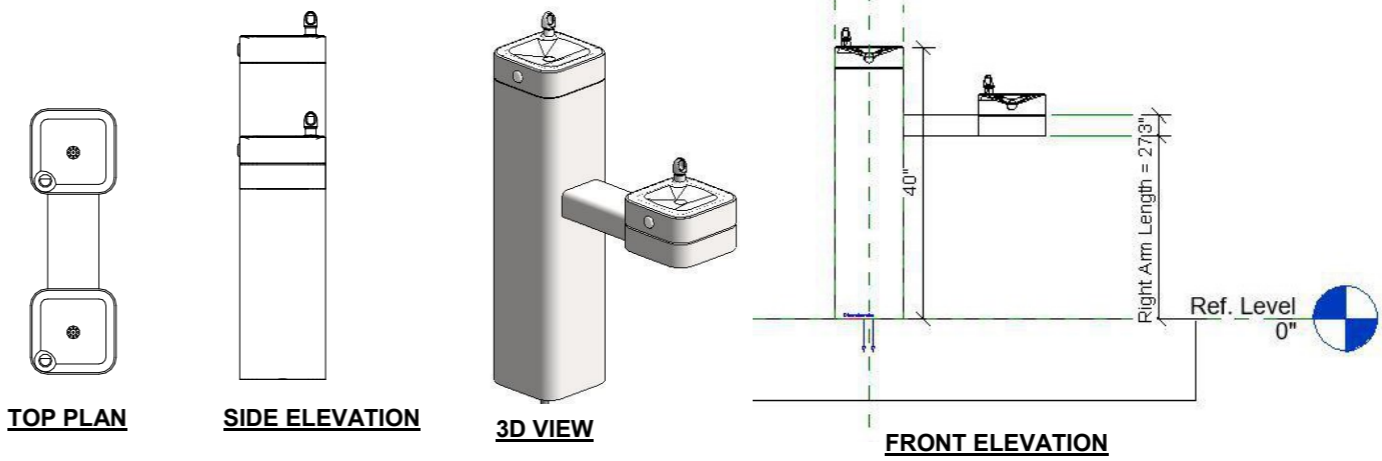
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**DETAIL OF BASIN CONNECTION WITH FLOOR TRAP**

**VENT PIPE DETAIL**



**DRINKING FOUNTAIN DETAIL**

(Stamp.)

No.	Description	Date

**CUSTOMER**

304 E Michigan St Orlando, FL 32806

**DETAIL OF MANHOLE, VENT PIPE, BASIN, RAIN WATER PIPE, INSPECTION CHAMBER**

Requested by	Lucia Sartori
Date	05/10/2024
Drawn by	Muhammad Saqlain
Approved by	Juan M. Vazquez
Checked by	Americasa: RICARDO GALLOPP
<b>SEW-02</b>	
Checked by	As indicated



# PLUMBING GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH 2020 FLORIDA BUILDING CODE PLUMBING 7TH EDITION AND APPLICABLE CODES. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH SECTION AND CHAPTER 633, FLORIDA STATUTES. FBC 110.8.4.4 2020. ALL DRAWINGS AND SPECIFICATIONS COMPLY WITH MINIMUM EXISTING CODES.
- CONTRACTOR SHALL PROVIDE ALL WORK CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED FOR ON THE PLANS. ALL WORK SHALL BE IN ACCORDANCE WITH BASE BUILDING PLANS AND SPECIFICATIONS.
- CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND EXISTING CONDITIONS. THE INTENT OF THESE NOTES AND MECHANICAL NOTES ON DRAWINGS IS TO CLARIFY THE SCOPE OF WORK AND ALERT CONTRACTOR OF EXISTING CONDITIONS.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TRADES INSTALLATION SCHEDULES. FIXED WORK SUCH AS PLUMBING SHALL BE INSTALLED PRIOR TO ANY TRADE WORK THAT CAN BE EASILY RELOCATED OR OFFSET SUCH AS ELECTRICAL CONDUITS AND SMALL WATER LINES, ETC.
- CONTRACTOR SHALL REVIEW STRUCTURAL DRAWINGS BEFORE INSTALLATION TO AVOID ANY BEAM CONFLICTS AND COORDINATE PIPING ACCORDINGLY.
- ROUTE ALL PIPING CONCEALED ABOVE CEILING, WITHIN WALLS OR IN CHASES EXCEPT AS SPECIFICALLY NOTED. PATCH ALL EXISTING SURFACES AFFECTED TO MATCH ADJACENT SURFACES.
- SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- SLEEVE AND FIRE STOP ALL PENETRATIONS OF RATED WALLS, CEILINGS, ETC., INCLUDING ROOF. FLASH AND COUNTERFLASH ROOF PENETRATIONS.
- FIELD VERIFY EXISTING INSTALLATIONS OF ALL TRADES. MODIFY EXISTING PLUMBING SYSTEMS, WHICH ARE TO REMAIN ACTIVE, TO FACILITATE RECONNECTION AND EXTENSION UNDER THE NEW WORK.
- UTILITIES AND SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, AS-BUILT RECORDS, AND FIELD INVESTIGATION. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS.

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(Stamp.)

No.	Description	Date

## CUSTOMER

304 E Michigan St Orlando, FL 32806

### PLUMBING NOTES SCH ,DRAIN & CLEANOUT SCH

Requested by Lucia Sartori

Date 05/10/2024

Drawn by Muhammad Saqlain

Approved by Juan M. Vazquez

Checked by Americasa:  
RICARDO GALLOPP

## SEW-03

Checked by As indicated

## PLUMBING FIXTURE AND CONNECTION SCHEDULE

PNO	FIXTURE DESCRIPTION	MOUNTING HEIGHT	MIN. CONNECTIONS		SPECIFICATION						NOTES
			WASTE	CW	MANUFACTURER	FIXTURE	TRIM	WASTE	MCGUIRE TRAP	SUPPLY	
P1	ADA WATER CLOSET FLOOR MOUNTED FLUSH TANK 1.3 GALS/FLUSH	FLOOR TO RIM 16-1/2"	4"	1/2"	AMERICAN STANDARD	2467-100	---	---	---	MCGUIRE 2169	SEAT - GLSONITE 95 OR EQUIVALENT BY BENEKE OR BEMIS PROVIDE FLUSH HANDLE ON LAV SIDE OF TANK AND ANGLE STOP
P2	LAVATORY WALL HUNG 21"X18" 4" CENTER HOLES	FLOOR TO BOTTOM OF APRON MIN. 29"	1 1/4"	1/2"	ZURN	EQUIVALENT	---	---	---	EQUIVALENT	PROVIDE FLOOR MOUNTED CARRIER BY JOSAM, WADE, OR ZURN PROVIDE PRE-MOLDED PRE-INSULATED COVER FOR TRAP & SUPPLIES PROVIDE DRAIN OFFSET TO PROVIDE HANDICAP CLEARANCE PROVIDE P-TRAP AND ANGLE STOPS
					AMERICAN STANDARD	0355.012	---	2411015.002	MCGUIRE 8R72C	MCGUIRE LF5T07	
					ZURN	EQUIVALENT	---	EQUIVALENT	EQUIVALENT	EQUIVALENT	
					KOHLER	EQUIVALENT	---	EQUIVALENT	EQUIVALENT	EQUIVALENT	
P3	THERMOSTATIC MIXING VALVE	---	---	3/8"	3/8"	WATTS	LFUSG-B-M2	---	---	---	PROVIDE THERMOMETER IN DISCHARGE PIPE. 3/8"CW/HW INLET 3/8"TW OUTLET SHALL BE ASSE-1070 COMPLIANT
						LEONARD	EQUIVALENT	---	---	---	
						SYMMONS	EQUIVALENT	---	---	---	
						---	---	---	---	---	
P4	MOP SINK FLOOR MOUNTED 24"X24"X12"	FLOOR MOUNTED	3"	1/2"	1/2"	STERN-WILLIAMS	SB-800	---	---	---	MOUNT TRIM 3'-0" ABOVE FINISHED FLOOR AND PROVIDE 4'-0" HOSE AND HOSE HOOK
						DELTA FAUCET	---	---	28C2383	---	
						SYMMONS FAUCET	---	---	EQUIVALENT	---	
						---	---	---	---	---	
P5	GAS WATER HEATER	FLOOR MOUNTED	---	1-1/2"	1-1/2"	A.O SMITH	BTH-150	---	---	---	PROVIDE WITH 150 MBH, 120V, 1.48 AMP, 1" GAS CONNECTION. LEAVING WATER TEMPERATURE 140 DEGREE, 100 GALLON NON-ASME DIRECT VENT 98% EFFICIENCY, 33" DIAMETER, ZERO CLEARANCE 3" VENT WITH LED FUNCTION DISPLAY
						LOCHINVAR	EQUIVALENT	---	---	---	
						RHEEM	EQUIVALENT	---	---	---	
						SCHIER	GB-250	---	---	---	
P6	GREASE INTERCEPTORS	SEE PLAN	4"	1-1/4"	---	MI-FAB	EQUIVALENT	---	---	---	INTERCEPTORS 200 GPM. SEE CALCULATION ON SHEET THIS SHEET. PROVIDE MAN HOLE EXTENSIONS AS NEEDED WITH TRAFFIC RATED CAST IRON TOPS.
						GREASEZILLA	EQUIVALENT	---	---	---	
						---	---	---	---	---	
						---	---	---	---	---	

GREASE INTERCEPTOR SIZING				
STEP 1- FLOW RATE				
FLORIDA BUILDING CODE SECTION 1003.3.4				
GREASE INTERCEPTORS AND AUTOMATIC GREASE REMOVAL DEVICES SHALL BE SIZED IN ACCORDANCE WITH PDI G101, ASME A112.14.3.				
STEP 2- GREASE PRODUCTION				
1. ENTER APPROXIMATE NUMBER OF MEALS SERVED DAILY				
2. ENTER NUMBER OF DAYS BETWEEN PUMP OUT CYCLE (CYCLE IS 30 DAYS)				
3. SELECT GREAT BASIN UNIT THAT MOST CLOSELY MATCHES FLOW RATE AND GREASE STORAGE LBS.				
ENTER # MEALS/DAY	RESTAURANT TYPE	GREASE PER MEAL SEE SIZING GUIDELINES AT LINK BELOW	DAYS BETWEEN PUMP OUT	GREASE STORAGE NEEDED
RESTAURANTS WASHING DISHES AND FLATWARE				
0	LOW GREASE WITH FLATWARE	0.0065	0	0
364	MEDIUM GREASE WITH FLATWARE	0.0325	0	0
0	HIGH GREASE WITH FLATWARE	0.0455	60	993.73
RESTAURANTS USING DISPOSAL PLATES AND FLATWARE				
0	LOW GREASE WITH NO FLATWARE	0.005	0	0
0	MEDIUM GREASE WITH NO FLATWARE	0.025	0	0
0	HIGH GREASE WITH NO FLATWARE	0.035	0	0
TOTAL GREASE STORAGE NEEDED IN POUNDS				993.73
RECOMMENDED GREAT BASIN UNIT				(1) GB-250
(1) GB-250 GREASE INTERCEPTOR IS CERTIFIED TO THE ASME 112.14.3 AT 200 GPM TO HOLD 1,196 LBS OF GREASE				
MULTIPLE UNITS SHOULD BE INSTALLED IN SERIES AND COME STANDARD WITH TRAFFIC RATED MANHOLE COVERS.				
GB INSTALLATION: <a href="http://www.schierproducts.com/GI/gb_redesign/installgb_series_installation_o&amp;m.pdf">http://www.schierproducts.com/GI/gb_redesign/installgb_series_installation_o&amp;m.pdf</a>				
GREASE PRODUCTION SIZING METHOD: <a href="http://schierproducts.com/sizing/GB_Sizing.pdf">http://schierproducts.com/sizing/GB_Sizing.pdf</a>				

PDI G101 SECTION 8.3.1, SIZING METHOD BASED ON PIPE DIAMETER AND SLOPE		
PIPE FULL PIPE FLOW	INTERCEPTOR SIZE	
2" 19.44 GPM	3"	58.67 GPM
3"	4"	125.77 GPM
6"		375 GPM

## DRAIN AND CLEANOUT SCHEDULE

MARK	OUTLET SIZE	STRAINER SIZE	MANUFACTURER'S NUMBERS			NOTES
			JOSAM	WADE	ZURN	
FD1	3"	6" ROUND	A-6A-2-VP	EQUIVALENT	EQUIVALENT	SATIN FINISH BRONZE TOP PROVIDE W/PRECISION PLUMBING "OREGON #1" TRAP PRIMER
FB1	4"	12"X12"	49360-VP	EQUIVALENT	EQUIVALENT	PROVIDE WITH HALF GRATE PROVIDE SEDIMENT BUCKET
ECO	SEE PLANS	---	58680/ 58490-20	EQUIVALENT	EQUIVALENT	MOUNT IN 12"X12"X4" CONC. PAD IF LOCATED IN UNPAVED AREA
FCO	SEE PLANS	---	58363	EQUIVALENT	EQUIVALENT	
WCO	SEE PLANS	---	58912	EQUIVALENT	EQUIVALENT	STAINLESS STEEL WALL ACCESS COVER
TP	PRECISION PLUMBING "OREGON #1" TRAP PRIMER WITH 1/2" CW ROUTED BELOW SLAB TO FLOOR DRAIN/SINK					
HD	HUB DRAIN. PROVIDE 2" PTRAP, AND TRAP PRIMER IF NOT SERVING AN ICE MAKER. INSULATE FIRST FIVE FEET AFTER AND INCLUDING PTRAP WHEN RECEIVING ICE MAKER DRAINS IN MULTI STORY BUILDINGS.					

## FOODSERVICE PLUMBING SCHEDULE

PLUMBING TAG	C.W. SIZE	C.W. AFF (in)	H.W. SIZE	H.W. AFF (in)	FILTERED WATER	INDIRECT WASTE SIZE (in)	INDIRECT WASTE #	DIRECT WASTE	DIRECT WASTE AFF (in)	GAS	MBTUH	GAS AFF (in)	EQUIPMENT CATEGORY	PLUMBING REMARKS
P2	-	-	-	-	-	-	-	-	-	3/4"	150.0	30	GRIDDLE, GAS, COUNTERTOP	BTC THRU GAS HOSE
P4	1/2"	12"	1/2"	12"	-	-	-	-	-	-	-	-	KETTLE, ELECTRIC COUNTERTOP	BTC
P6	-	-	-	-	-	-	-	-	-	3/4"	102.0	30"	GAS FLOOR FRYER	BTC THRU GAS HOSE
P10	-	-	-	-	-	-	-	-	-	3/4"	128.0	30"	HOTPLATE, COUNTERTOP, GAS	BTC THRU GAS HOSE
P11	1/2"	12"18"	-	-	-	-	-	-	-	-	-	-	CONVECTION OVEN, ELECTRIC	BTC - 2 CONNECTIONS @ 0.75
P17	-	-	-	-	1/2"	3/4"	FS-2	-	-	-	-	-	ICE MAKER	FILTERED WATER FROM # 17.2 / RUN TO FLOOR DRAIN
P17.1	-	-	-	-	-	3/4"	FS-2	-	-	-	-	-	ICE BIN	RUN TO FLOOR DRAIN
P17.2	1/2"	84"	-	-	-	-	-	-	-	-	-	-	WATER FILTER	BTC
P19	-	-	-	-	-	-	-	-	-	3/4"	70.0	30"	CHARBROILER, GAS, COUNTERTOP	BTC THRU GAS HOSE
P23	-	-	1/2"	60"	-	2"	FS-3	-	-	-	-	-	DISHWASHER, SINGLE DOOR	BTC / RUN TO FLOOR DRAIN
P31	1/2"	16"	1/2"	16"	-	2-1/2"	FS-4	-	-	-	-	-	3 COMP. SINK + FAUCET	BTC / RUN TO FLOOR DRAIN
P32	1/2"	12"	1/2"	12"	-	2-1/2"	FS-1	-	-	-	-	-	UNDERBAR SINK	BTC / RUN TO FLOOR DRAIN
P33	-	-	-	-	-	2"	FS-3	-	-	-	-	-	SOILED DISHTABLE	RUN TO FLOOR DRAIN
P34	1/2"	16"	1/2"	16"	-	-	-	-	-	-	-	-	PRE-RINSE FAUCET	BTC
P36	1/2"	16"	1/2"	16"	-	-	-	1-1/2"	18"	-	-	-	HAND SINK	BTC / RUN TO DIRECT DRAIN
P37	1/2"	16"	1/2"	16"	-	1-1/2"	FFD-1	-	-	-	-	-	DROP-IN SINK	BTC / RUN TO FLOOR DRAIN
P38	1/2"	36"	1/2"	36"	-	-	-	3-1/2"	0"	-	-	-	MOP SINK	BTC
P40	1/2"	18"	-	-	-	1"	FS-1	-	-	-	-	-	GLASS FILLER STATION	BTC / RUN TO FLOOR DRAIN
P41	-	-	-	-	-	1"	FFD-1	-	-	-	-	-	DROP-IN ICE BIN	RUN TO FLOOR DRAIN
P46	1/2"	18"	-	-	-	1/2"	FFD-1	-	-	-	-	-	GLASS RINSE	BTC / RUN TO FLOOR DRAIN
P48	1/2"	48"	-	-	-	-	-	-	-	-	-	-	COFFEE BREWER	BTC @ 3/8"
P50	1/2"	48"	-	-	-	-	-	-	-	-	-	-	ICED TEA BREWER	BTC @ 1/4"
P61	1/2"	16"	-	-	-	-	-	-	-	-	-	-	ESPRESSO MACHINE	BTC @ 1/4"
P70.1	-	-	-	-	-	1"	FFD-2	-	-	-	-	-	WALK-IN COOLER EVAPORATOR	RUN TO FLOOR DRAIN
P70.3	-	-	-	-	-	1"	FFD-2	-	-	-	-	-	WALK-IN FREEZER EVAPORATOR	RUN TO FLOOR DRAIN
P73	1/2"	16"	1/2"	16"	-	2-1/2"	FS-5	-	-	-	-	-	ONE COMP. SINK	BTC / RUN TO FLOOR DRAIN
PCH	1/2"	48"	-	-	-	-	-	-	-	-	-	-	WATER FOR CLEANING CHEMICALS	BTC @ 3 COMP. SINK

**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

**CONSTRUCTION TYPE**

CONSTRUCTION TYPE I: REINFORCED CONCRETE STRUCTURE

**NOTE**







**CODES USED IN THE PROJECT**

- 1 (FBC Building [A]107.2.1 Information on construction documents
- 2 FBC Accessibility code sections 604.3.1 Size.
- 3 FBC-Plumbing 107.3.5
- 4 FBC Accessibility 604.1 General.FBC Accessibility 606.1 General.

**OCCUPANT LOAD**

**113 PEOPLE**  
**1 PERSON = 30 SQFT**

**PLUMBING LEGEND**

1	ELECTRIC WATER HEATER	
2	STOP VALVE	
3	HAND WASH BASIN	
4	COLD WATER PIPE	
5	HOT WATER PIPE	
6	WATER CLOSET	



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Permission to construct the building depicted in digned construction drawings is expressly conditioned on the full and timely payment of all fees otherwise due AMERICASA CO and, in the absence of any written agreement to contrary, is limited to a one-time use on the site indicated on these plans.

Note: These plans and drawings are designed to comply with the owner's specifications. The contractor will be responsible for the verification of all field conditions, dimensions, details, drawings and specifications for the permit & construction.  
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(Stamp.)

No.	Description	Date

**CUSTOMER**

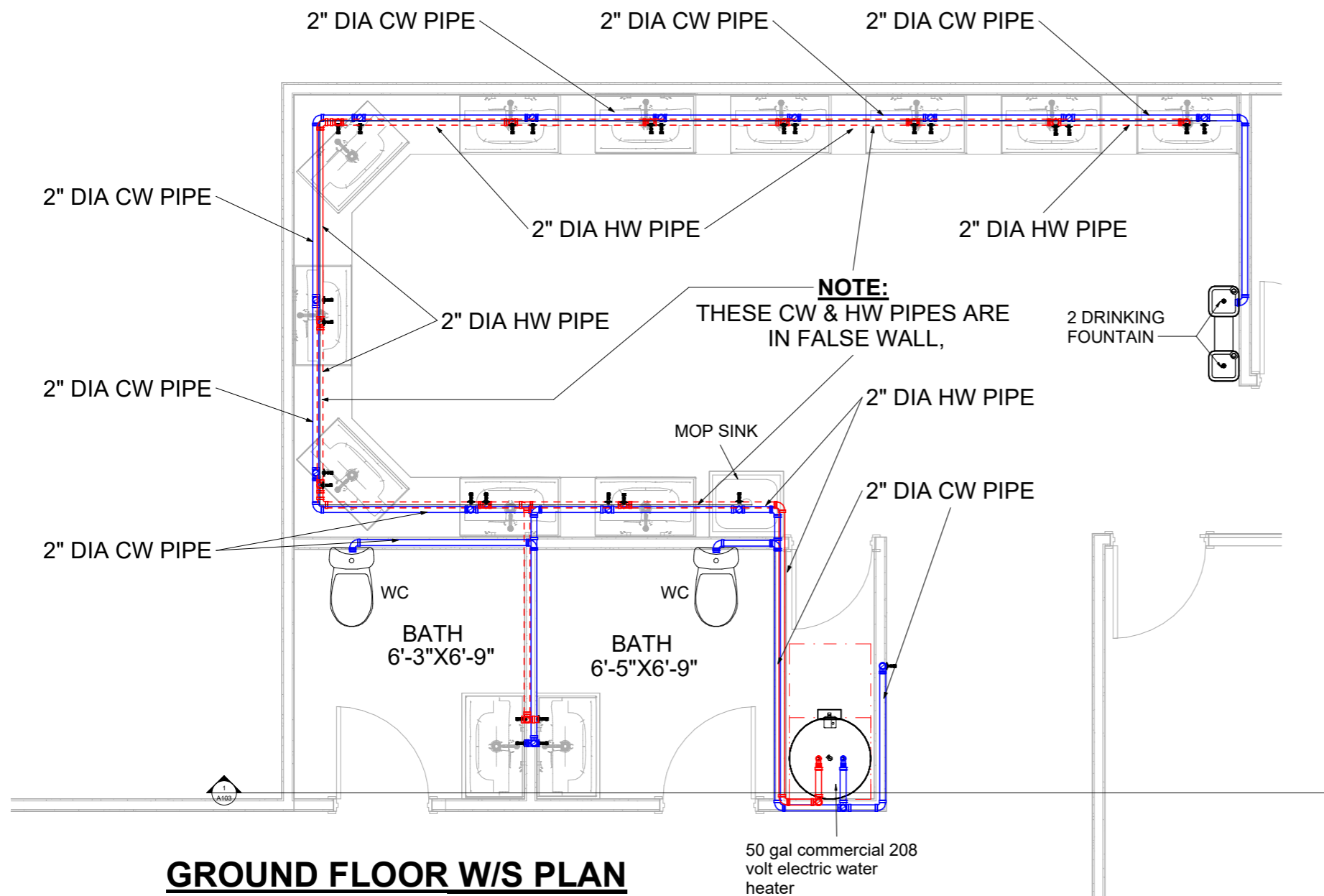
304 E Michigan St Orlando,  
FL 32806

**GROUND FLOOR W/S PLAN & PLUMBING LEGEND**

Requested by	Lucia Sartori
Date	05/10/2024
Drawn by	Muhammad Saqlain
Approved by	Juan M. Vazquez
Checked by	Americasa: RICARDO GALLOPP

**W/S-001**

Checked by As indicated



**GROUND FLOOR W/S PLAN**  
**SCALE 1'-0"=3/4"**

**OCCUPANCY CLASSIFICATION A-3  
BEAUTY SALON  
CONSTRUCTION TYPE**

CONSTRUCTION TYPE I: REINFORCED  
CONCRETE STRUCTURE

- NOTE**  
(FBC Building Code 107.2.1 Information on  
**CODES USED IN THE PROJECT**
- 1 FBC Accessibility code sections 604.3.1  
Size.
  - 2 FBC-Plumbing 107.3.5
  - 3 FBC Accessibility 604.1 General.FBC  
Accessibility 606.1 General.
  - 4

**OCCUPANT LOAD**  
**113 PEOPLE**  
**1 PERSON = 30 SQFT**

PNO	FIXTURE DESCRIPTION	MOUNTING HEIGHT	MIN. CONNECTIONS			SPECIFICATION						NOTES	
			WASTE	CW	HW	MANUFACTURER	FIXTURE	TRIM	WASTE	MCGUIRE TRAP	SUPPLY		
P1	ADA WATER CLOSET FLOOR MOUNTED FLUSH TANK 1.1 GAL/FLUSH	FLOOR TO RIM 16-1/2"	4"	1/2"	---	AMERICAN STANDARD	2467.100	---	---	---	---	MCGUIRE 2169	SEAT - OLSONITE 95 OR EQUIVALENT BY BENEKE OR BEMIS PROVIDE FLUSH HANDLE ON LAV SIDE OF TANK AND ANGLE STOP
						ZURN	EQUIVALENT	---	---	---	EQUIVALENT		
						KOHLER	EQUIVALENT	---	---	---	EQUIVALENT		
P2	LAVATORY WALL HUNG 21"x18" 4" CENTER HOLES	FLOOR TO BOTTOM OF APRON MIN. 29"	1 1/4"	1/2"	---	AMERICAN STANDARD	0355.012	---	2411015.002	---	---	MCGUIRE 8872C	PROVIDE FLOOR MOUNTED CARRIER BY JOSAM, WADE, OR ZURN PROVIDE PRE-MOLDED PRE-INSULATED COVER FOR TRAP & SUPPLIES PROVIDE DRAIN OFFSET TO PROVIDE HANDICAP CLEARANCE PROVIDE P-TRAP AND ANGLE STOPS
						ZURN	EQUIVALENT	---	---	---	EQUIVALENT		
						KOHLER	EQUIVALENT	---	---	---	EQUIVALENT		
						CHICAGO FAUCET	---	2200.4	---	---	---		
						DELTA FAUCET	---	EQUIVALENT	---	---	---		
P3	THERMOSTATIC MIXING VALVE	---	---	3/8"	3/8"	WATTS	LFUSG-B-M2	---	---	---	---	---	PROVIDE THERMOMETER IN DISCHARGE PIPE. 3/8" CW/HW INLET 3/8" TW OUTLET SHALL BE ASSE-1070 COMPLAINT
						LEONARD	EQUIVALENT	---	---	---	---		
						SYMMONS	EQUIVALENT	---	---	---	---		
						STERN-WILLIAMS	SB-800	---	---	---	---		
P4	MOP SINK FLOOR MOUNTED 24"x24"x12"	FLOOR MOUNTED	3"	1/2"	1/2"	FIAT	TSB-200	---	---	---	---	---	MOUNT TRIM 3'-0" ABOVE FINISHED FLOOR AND PROVIDE 4'-0" HOSE AND HOSE HOOK
						DELTA FAUCET	---	28C2383	---	---	---		
						SYMMONS FAUCET	---	EQUIVALENT	---	---	---		
						A.O SMITH	BTH-150	---	---	---	---		
P5	GAS WATER HEATER	FLOOR MOUNTED	---	1-1/2"	1-1/2"	LOCHINVAR	EQUIVALENT	---	---	---	---	---	PROVIDE WITH 150 MBH, 120V, 1.48 AMP, 1" GAS CONNECTION, LEAVING WATER TEMPERATURE 140 DEGREE, 100 GALLON NON-ASME DIRECT VENT 98% EFFICIENCY, 3/3" DIAMETER, ZERO CLEARANCE 3" VENT WITH LED FUNCTION DISPLAY
						RHEEM	EQUIVALENT	---	---	---	---		
						SCHIER	GB-250	---	---	---	---		
						MI-FAB	EQUIVALENT	---	---	---	---		
P6	GREASE INTERCEPTORS	SEE PLAN	4"	1-1/4"	---	GREASEZILLA	EQUIVALENT	---	---	---	---	---	INTERCEPTORS 200 GPM. SEE CALCULATION ON SHEET THIS SHEET. PROVIDE MAN HOLE EXTENSIONS AS NEEDED WITH TRAFFIC RATED CAST IRON TOPS.
						---	---	---	---	---	---		

GREASE INTERCEPTOR SIZING				
STEP 1: FLOW RATE FLORIDA BUILDING CODE SECTION 1003.3.4 GREASE INTERCEPTORS AND AUTOMATIC GREASE REMOVAL DEVICES SHALL BE SIZED IN ACCORDANCE WITH PDI G101, ASME A12.14.3.				
STEP 2: GREASE PRODUCTION 1. ENTER APPROXIMATE NUMBER OF MEALS SERVED DAILY 2. ENTER NUMBER OF DAYS BETWEEN PUMP OUT CYCLE (CYCLE IS 30 DAYS) 3. SELECT GREAT BASIN UNIT THAT MOST CLOSELY MATCHES FLOW RATE AND GREASE STORAGE LBS.				
ENTER # MEALS/DAY	RESTAURANT TYPE	GREASE PER MEAL SEE SIZING GUIDELINES AT LINK BELOW	DAYS BETWEEN PUMP OUT	GREASE STORAGE NEEDED
0	RESTAURANTS WASHING DISHES AND FLATWARE	0.0065	0	0
0	LOW GREASE WITH FLATWARE	0.0325	0	0
364	MEDIUM GREASE WITH FLATWARE	0.0455	60	993.73
0	HIGH GREASE WITH FLATWARE	0.0455	60	993.73
0	RESTAURANTS USING DISPOSAL PLATES AND FLATWARE	0.005	0	0
0	LOW GREASE WITH NO FLATWARE	0.025	0	0
0	MEDIUM GREASE WITH NO FLATWARE	0.025	0	0
0	HIGH GREASE WITH NO FLATWARE	0.035	0	0
TOTAL GREASE STORAGE NEEDED IN POUNDS				993.73
RECOMMENDED GREAT BASIN UNIT				(1) GB-250
(1) GB-250 GREASE INTERCEPTOR IS CERTIFIED TO THE ASME 112.14.3 AT 200 GPM TO HOLD 1,196 LBS OF GREASE				
MULTIPLE UNITS SHOULD BE INSTALLED IN SERIES AND COME STANDARD WITH TRAFFIC RATED MANHOLE COVERS.				
GB INSTALLATION: <a href="http://www.schierproducts.com/GI/gb_redesign/inst/gb_series_installation_o&amp;m.pdf">http://www.schierproducts.com/GI/gb_redesign/inst/gb_series_installation_o&amp;m.pdf</a>				
GREASE PRODUCTION SIZING METHOD: <a href="http://schierproducts.com/sizing/GB_Sizing.pdf">http://schierproducts.com/sizing/GB_Sizing.pdf</a>				

PDI G101 SECTION 8.3.1, SIZING METHOD BASED ON PIPE DIAMETER AND SLOPE	
PIPE FULL PIPE FLOW	INTERCEPTOR SIZE
2" 19.44 GPM	2"
3" 58.67 GPM	3"
4" 125.77 GPM	4"
6" 375 GPM	6"

MARK	OUTLET SIZE	STRAINER SIZE	MANUFACTURER'S NUMBERS			NOTES
			JOSAM	WADE	ZURN	
FD1	3"	6" ROUND	A-6A-2-VP	EQUIVALENT	EQUIVALENT	SATIN FINISH BRONZE TOP PROVIDE W/PRECISION PLUMBING "OREGON #1" TRAP PRIMER
FS1	4"	12"x12"	49360-VP	EQUIVALENT	EQUIVALENT	PROVIDE WITH HALF GRATE PROVIDE SEDIMENT BUCKET
ECO	SEE PLANS	---	58680/ 58490-20	EQUIVALENT	EQUIVALENT	MOUNT IN 12"x12"x4" CONC. PAD IF LOCATED IN UNPAVED AREA
FCO	SEE PLANS	---	58363	EQUIVALENT	EQUIVALENT	---
WCO	SEE PLANS	---	58912	EQUIVALENT	EQUIVALENT	STAINLESS STEEL WALL ACCESS COVER
TP	PRECISION PLUMBING "OREGON #1" TRAP PRIMER WITH 1/2" CW ROUTED BELOW SLAB TO FLOOR DRAIN/SINK.					---
HD	HUB DRAIN PROVIDE 2" PTRAP, AND TRAP PRIMER IF NOT SERVING AN ICE MAKER. INSULATE FIRST FIVE FEET AFTER AND INCLUDING PTRAP WHEN RECEIVING ICE MAKER DRAINS IN MULTI STORY BUILDINGS.					---

PLUMBING TAG	C.W. SIZE	C.W. AFF (in)	H.W. SIZE	H.W. AFF (in)	FILTERED WATER	INDIRECT WASTE SIZE (in)	INDIRECT WASTE #	DIRECT WASTE	DIRECT WASTE AFF (in)	GAS	MBTUH	GAS AFF (in)	EQUIPMENT CATEGORY	PLUMBING REMARKS
P2	-	-	-	-	-	-	-	-	-	3/4"	150.0	30"	GRIDDLE, GAS, COUNTERTOP	BTC THRU GAS HOSE
P4	1/2"	12"	1/2"	12"	-	-	-	-	-	-	-	-	KETTLE, ELECTRIC COUNTERTOP	BTC
P6	-	-	-	-	-	-	-	-	-	3/4"	102.0	30"	GAS FLOOR FRYER	BTC THRU GAS HOSE
P10	-	-	-	-	-	-	-	-	-	3/4"	128.0	30"	HOTPLATE, COUNTERTOP, GAS CONVECTION OVEN, ELECTRIC	BTC - 2 CONNECTIONS @ 0.75
P11	1/2"	12"x18"	-	-	-	-	-	-	-	-	-	-	ICE MAKER	FILTERED WATER FROM # 17.2 / RUN TO FLOOR DRAIN
P17	-	-	-	-	1/2"	3/4"	FS-2	-	-	-	-	-	ICE BIN	RUN TO FLOOR DRAIN
P17.1	-	-	-	-	-	3/4"	FS-2	-	-	-	-	-	WATER FILTER	BTC
P17.2	1/2"	84"	-	-	-	-	-	-	-	-	-	-	CHARBROILER, GAS, COUNTERTOP	BTC THRU GAS HOSE
P19	-	-	-	-	-	-	-	-	-	3/4"	70.0	30"	DISHWASHER, SINGLE DOOR	BTC / RUN TO FLOOR DRAIN
P23	-	-	1/2"	60"	-	2"	FS-3	-	-	-	-	-	3 COMP. SINK + FAUCET	BTC / RUN TO FLOOR DRAIN
P31	1/2"	16"	1/2"	16"	-	2-1/2"	FS-4	-	-	-	-	-	UNDERBAR SINK	BTC / RUN TO FLOOR DRAIN
P32	1/2"	12"	1/2"	12"	-	2-1/2"	FS-1	-	-	-	-	-	SOILED DISHTABLE	RUN TO FLOOR DRAIN
P33	-	-	-	-	-	2"	FS-3	-	-	-	-	-	PRE-RINSE FAUCET	BTC
P34	1/2"	16"	1/2"	16"	-	-	-	-	-	-	-	-	HAND SINK	BTC / RUN TO DIRECT DRAIN
P36	1/2"	16"	1/2"	16"	-	-	-	1-1/2"	18"	-	-	-	DROP-IN SINK	BTC / RUN TO FLOOR DRAIN
P37	1/2"	16"	1/2"	16"	-	1-1/2"	FFD-1	-	-	-	-	-	MOP SINK	BTC
P38	1/2"	36"	1/2"	36"	-	-	-	3-1/2"	0"	-	-	-	GLASS FILLER STATION	BTC / RUN TO FLOOR DRAIN
P40	1/2"	18"	-	-	-	1"	FFD-1	-	-	-	-	-	DROP-IN ICE BIN	RUN TO FLOOR DRAIN
P41	-	-	-	-	-	1"	FFD-1	-	-	-	-	-	GLASS RINSER	BTC / RUN TO FLOOR DRAIN
P46	1/2"	18"	-	-	-	1/2"	FFD-1	-	-	-	-	-	COFFEE BREWER	BTC @ 3/8"
P48	1/2"	48"	-	-	-	-	-	-	-	-	-	-	ICED TEA BREWER	BTC @ 1/4"
P50	1/2"	48"	-	-	-	-	-	-	-	-	-	-	ESPRESSO MACHINE	BTC @ 1/4"
P61	1/2"	16"	-	-	-	-	-	-	-	-	-	-	WALK-IN COOLER EVAPORATOR	RUN TO FLOOR DRAIN
P70.1	-	-	-	-	-	1"	FFD-2	-	-	-	-	-	WALK-IN FREEZER EVAPORATOR	RUN TO FLOOR DRAIN
P70.3	-	-	-	-	-	1"	FFD-2	-	-	-	-	-	ONE COMP. SINK	BTC / RUN TO FLOOR DRAIN
P73	1/2"	16"	1/2"	16"	-	2-1/2"	FS-5	-	-	-	-	-	WATER FOR CLEANING CHEMICALS	BTC @ 3 COMP. SINK
PCH	1/2"	48"	-	-	-	-	-	-	-	-	-	-	---	---



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(Stamp.)

No.	Description	Date

**CUSTOMER**  
304 E Michigan St Orlando,  
FL 32806

**PLUMBING FIXTURE SCH, DRAIN & CLEANOUT SCH**

Requested by Lucia Sartori  
Date 05/10/2024  
Drawn by Muhammad Saqlain  
Approved by Juan M. Vazquez  
Checked by Americasa:  
RICARDO GALLOPP

**W/S-002**

Checked by As indicated

**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

**CONSTRUCTION TYPE**

CONSTRUCTION TYPE I: REINFORCED CONCRETE STRUCTURE

**OCCUPANT LOAD**

**113 PEOPLE**

**1 PERSON = 30 SQFT**

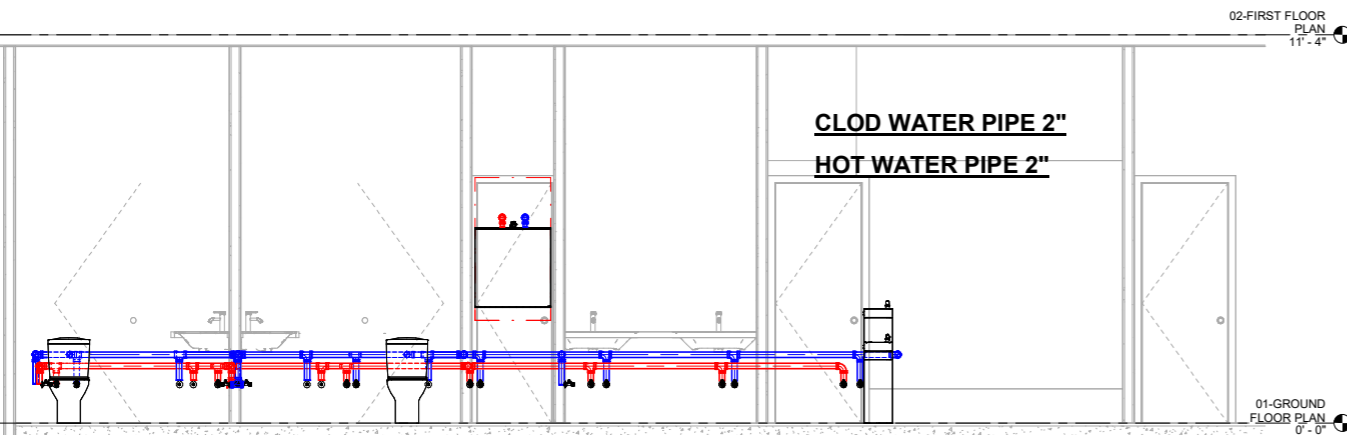
**NOTE**

**CODES USED IN THE PROJECT**

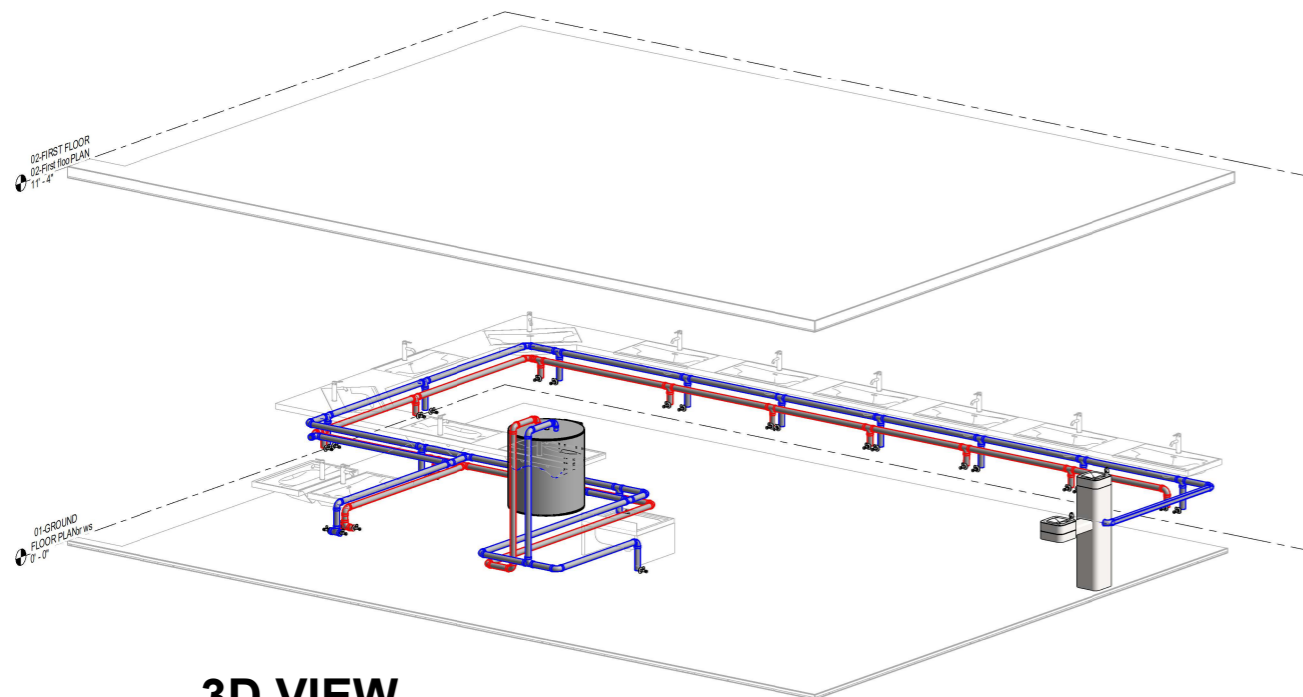
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- 2 FBC Accessibility code sections 604.3.1 Size.
- 3 FBC-Plumbing 107.3.5
- 4 FBC Accessibility 604.1 General.FBC Accessibility 606.1 General.

# PLUMBING GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH 2020 FLORIDA BUILDING CODE PLUMBING 7TH EDITION AND APPLICABLE CODES. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH SECTION AND CHAPTER 633, FLORIDA STATUTES. FBC 110.8.4.4 2020. ALL DRAWINGS AND SPECIFICATIONS COMPLY WITH MINIMUM EXISTING CODES.
2. CONTRACTOR SHALL PROVIDE ALL WORK CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED FOR ON THE PLANS. ALL WORK SHALL BE IN ACCORDANCE WITH BASE BUILDING PLANS AND SPECIFICATIONS.
3. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND EXISTING CONDITIONS. THE INTENT OF THESE NOTES AND MECHANICAL NOTES ON DRAWINGS IS TO CLARIFY THE SCOPE OF WORK AND ALERT CONTRACTOR OF EXISTING CONDITIONS.
4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TRADES INSTALLATION SCHEDULES. FIXED WORK SUCH AS PLUMBING SHALL BE INSTALLED PRIOR TO ANY TRADE WORK THAT CAN BE EASILY RELOCATED OR OFFSET SUCH AS ELECTRICAL CONDUITS AND SMALL WATER LINES, ETC.
5. CONTRACTOR SHALL REVIEW STRUCTURAL DRAWINGS BEFORE INSTALLATION TO AVOID ANY BEAM CONFLICTS AND COORDINATE PIPING ACCORDINGLY.
6. ROUTE ALL PIPING CONCEALED ABOVE CEILING, WITHIN WALLS OR IN CHASES EXCEPT AS SPECIFICALLY NOTED. PATCH ALL EXISTING SURFACES AFFECTED TO MATCH ADJACENT SURFACES.
7. SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
8. SLEEVE AND FIRE STOP ALL PENETRATIONS OF RATED WALLS, CEILINGS, ETC., INCLUDING ROOF. FLASH AND COUNTERFLASH ROOF PENETRATIONS.
9. FIELD VERIFY EXISTING INSTALLATIONS OF ALL TRADES. MODIFY EXISTING PLUMBING SYSTEMS, WHICH ARE TO REMAIN ACTIVE, TO FACILITATE RECONNECTION AND EXTENSION UNDER THE NEW WORK.
10. UTILITIES AND SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, AS-BUILT RECORDS, AND FIELD INVESTIGATION. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS.
11. PIPE ROUTING IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTING OR ANY ADDITIONAL OFFSETS OR FITTINGS REQUIRED FOR PROPER INSTALLATION AND CLEARANCES. CONTRACTOR TO VERIFY STRUCTURAL, MECHANICAL, ELECTRICAL INSTALLATIONS AND OBSTRUCTIONS OF ALL TRADES AND ROUTE PIPING TO AVOID ANY INTERFERENCES.
12. DOMESTIC WATER PIPING SHALL BE "L" COPPER ABOVE SLAB AND TYPE "K" BELOW SLAB.
13. ALL SANITARY AND VENT PIPING SHALL BE SCHEDULE 40 PVC.
14. WATER HAMMER ARRESTORS SHALL BE INSTALLED WHERE QUICK-CLOSING VALVES ARE UTILIZED.
15. HOT WATER PIPING PIPE INSULATION: SHALL BE 1" THICK FIBERGLASS (K-0.23 AT 75 DEGREES F.) WITH FACTORY APPLIED WHITE, FLAME RESISTANT, VAPOR BARRIER JACKET TYPE ASJ, AS MANUFACTURED BY OWENS-CORNING, GUSTIN-BACON, OR PPG. INSULATE ALL HOT WATER PIPING, HWRC PIPING, HORIZONTAL STORM PIPING AND BOTTOM OF ROOF DRAIN BOWLS AND SHALL BE INSULATED PER 2020 FLORIDA BUILDING CODE ENERGY CONSERVATION SECTION C-404.4 AND TABLE C403.2.10.



**SECTION**  
SCALE 1'-0"=1/4"



**3D VIEW**



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(Stamp.)

No.	Description	Date

**CUSTOMER**  
304 E Michigan St Orlando,  
FL 32806

**SECTION, 3D VIEW & PLUMBING NOTES**

Requested by Lucia Sartori  
Date 05/10/2024  
Drawn by Muhammad Saqlain  
Approved by Juan M. Vazquez  
Checked by Americasa: RICARDO GALLOPP

**W/S-003**  
Checked by As indicated

**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

**CONSTRUCTION TYPE**

CONSTRUCTION TYPE I: REINFORCED CONCRETE STRUCTURE

**NOTE: DB-01 & DB-02 ARE EXISTING PANELS**

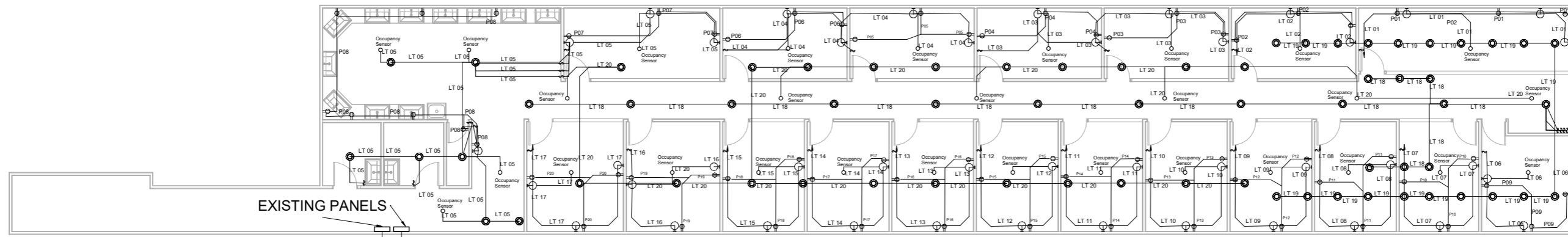


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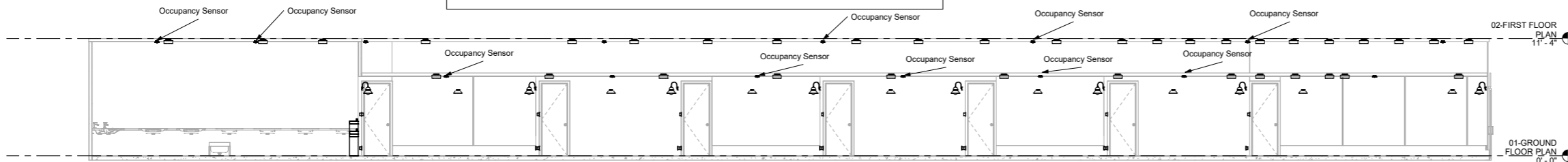
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**GROUND FLOOR ELECT PLAN**  
SCALE 1'-0"=1/4"



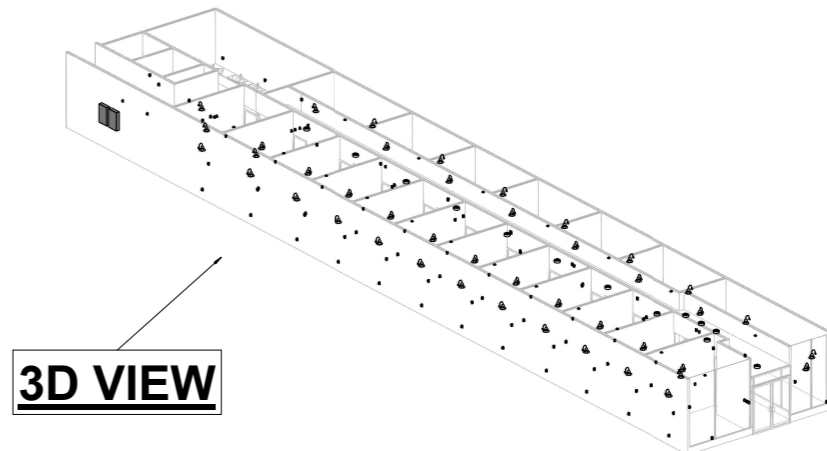
**SECTION**  
SCALE 1'-0"=1/4"

ELECTRIC LEGEND	
	RECESSED LIGHT
	SWITCH
	ELECTRICAL OUTLET/POWER OUTLET
	ELECTRICAL PANEL
	WALL LIGHT
	OCCUPANCY SENSOR

**NOTE**  
**CODES USED IN THE PROJECT**

- FBC 107.2 & FBC 107.3.5.1.2 and NEC 408.4 NEC 402.3
- FBC 405.2.1

**OCCUPANT LOAD**  
**113 PEOPLE**  
**1 PERSON = 30 SQFT**



**3D VIEW**

(Stamp.)

No.	Description	Date

**CUSTOMER**  
304 E Michigan St Orlando,  
FL 32806

**GROUND FLOOR ELECT PLAN, SECTION & 3DVIEW**

Requested by Lucia Sartori  
Date 05/10/2024  
Drawn by Muhammad Saqlain  
Approved by Juan M. Vazquez  
Checked by Americasa: RICARDO GALLOPP

**E-001**

Checked by As indicated



**OCCUPANCY CLASSIFICATION A-3 BEAUTY SALON**

**CONSTRUCTION TYPE**

CONSTRUCTION TYPE I: REINFORCED CONCRETE STRUCTURE

**NOTE: DB-01 & DB-02 ARE EXISTING PANELS**



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**NOTE**

**CODES USED IN THE PROJECT**

- FBC 107.2 & FBC 107.3.5.1.2 and NEC 408.4 NEC 402.3
- FBC 405.2.1

**OCCUPANT LOAD**

**113 PEOPLE**

**1 PERSON = 30 SQFT**

Branch Panel: DB 01													
Location: Supply From: Mounting: Recessed Enclosure: Type 1				Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: Mains Type: Mains Rating: 50 A MCB Rating: 1 A					
Notes:													
CKT	Circuit Description	Trip	Poles	R	Y	B	Poles	Trip	Circuit Description	CKT			
1	LT 02	10 A	1	200 VA	200 VA			10 A	LT 06	2			
3	LT 04	10 A	1		400 VA	1260 VA		10 A	LT 20	4			
5	LT 05	10 A	1					10 A	LT 18	6			
7	LT 03	10 A	1	400 VA	1200 VA			10 A	LT 19	8			
9	LT 14	10 A	1		200 VA	200 VA		10 A	LT 11	10			
11	LT 15	10 A	1					10 A	LT 12	12			
13	LT 13	10 A	1	200 VA	200 VA			10 A	LT 10	14			
15	LT 08	10 A	1		200 VA	300 VA		10 A	LT 16	16			
17	LT 09	10 A	1					10 A	LT 17	18			
19	LT 07	10 A	1	200 VA	300 VA			10 A	LT 01	20			
				Total Load:	2900 VA	2560 VA	2740 VA						
				Total Amps:	24 A	21 A	23 A						
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Lighting - Dwelling Unit		8200 VA		58.78%		4820 VA		Total Conn. Load: 8200 VA					
Other		0 VA		0.00%		0 VA		Total Est. Demand: 4820 VA					
								Total Conn.: 23 A					
								Total Est. Demand: 13 A					
Notes:													

**EXISTING LIGHTING PANEL SCH**

Branch Panel: DB 02													
Location: Supply From: Mounting: Recessed Enclosure: Type 1				Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: Mains Type: Mains Rating: 50 A MCB Rating: 1 A					
Notes:													
CKT	Circuit Description	Trip	Poles	R	Y	B	Poles	Trip	Circuit Description	CKT			
1	P01	20 A	1	540 VA	540 VA			20 A	P02	2			
3	P05	20 A	1		540 VA	540 VA		20 A	P06	4			
5	P07	20 A	1					20 A	P08	6			
7	P03	20 A	1	540 VA	540 VA			20 A	P04	8			
9	P19	20 A	1		540 VA	540 VA		20 A	P16	10			
11	P20	20 A	1					20 A	P17	12			
13	P18	20 A	1	540 VA	540 VA			20 A	P15	14			
15	P13	20 A	1		540 VA	540 VA		20 A	P10	16			
17	P14	20 A	1					20 A	P11	18			
19	P12	20 A	1	540 VA	540 VA			20 A	P09	20			
				Total Load:	4320 VA	3240 VA	4140 VA						
				Total Amps:	37 A	27 A	36 A						
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Receptacle		11700 VA		92.74%		10850 VA		Total Conn. Load: 11700 VA					
								Total Est. Demand: 10850 VA					
								Total Conn.: 32 A					
								Total Est. Demand: 30 A					
Notes:													

**EXISTING POWER PANEL SCH**

ELECTRIC LEGEND	
	RECESSED LIGHT
	SWITCH
	ELECTRICAL OUTLET/POWER OUTLET
	ELECTRICAL PANEL
	WALL LIGHT
	OCCUPANCY SENSOR

(Stamp.)

No.	Description	Date

**CUSTOMER**  
304 E Michigan St Orlando,  
FL 32806

**LIGHTING & POWER PANEL SCH**

Requested by Lucia Sartori  
Date 05/10/2024  
Drawn by Muhammad Saqlain  
Approved by Juan M. Vazquez  
Checked by Americasa:  
RICARDO GALLOPP

**E-003**

Checked by As indicated