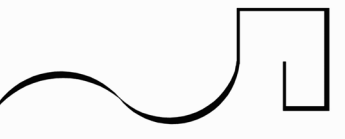


# Interior Remodel of Vacant Tenant Space

## The Blend

### 5640 Circa Fishhawk Blvd Lithia Florida 33547



Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

Contractor

Seal

Drawing Title:

Cover Sheet

North

Scale

As Noted

Issue Date Description

04.24.2024 Permit  
No. Date Description

Project No. TB23-04

Sheet

# TA1.0

copyright © Equitecture, PLLC 2023

### ABBREVIATIONS

AFF ABOVE FINISHED FLOOR	EA EACH	KIT KITCHEN	QTY QUANTITY
AC ACQUISITIONAL	EWC ELECTRICAL WATER COOLER	L LENGTH	QT QUARTY TILE
ACT ACQUISITIONAL TILE	ELEC ELECTRICAL	LBL LABEL	RAD RADIUS
ADD ADDITIONAL	ELEV ELEVATION	LAM LAMINATE	REF REFERS, REFERENCE
ADJ ADJUSTABLE	ENCL ENCLOSURE	LAV LAVATORY	RENF REINFORCED
A/C AIR CONDITIONING	EQ EQUAL	LH LEFT HAND	REQD REQUIRED
ALM ALUMINUM	EQIP EQUIPMENT	LI LIGHT	RA RETURN AIR
ALM ALUMINUM	ESC ESCALATOR	LF LINEAR FEET	REV REUSE, REVISION
AND AND	ESC ESCALATOR	LM LINEAR METERS	RM ROOM
AND AND	ESC ESCALATOR	LO LOWER	RO ROUGH OPENING
APPROX APPROXIMATE	EXH EXHAUST	LVR LOUVER	RUB RUBBER
ARCH ARCHITECT	EXST EXISTING	LP LOW POINT	RB RESILIENT BASE
ASSY ASSEMBLY	EXPB EXPANSION BOLT	MFR MANUFACTURER	RT RESILIENT TILE
AUTO AUTOMATIC	EXT EXTERIOR	MAR MARBLE	SCHED SCHEDULE
AVE AVERAGE	EXT EXTERIOR	MAX MAXIMUM	SECT SECTION
BM BEAM	FAB FABRIC	MCH MECHANICAL	SM SIMILAR
BETG BETWEEN	FABR FABRIC PANEL	MET METAL	SS SERVICE SINK
BLDG BUILDING	FIN FINISH	MEZZ MEZZANINE	SC SOLID CORE
BO BOARD	FF/F FACE TO FACE	MISC MISCELLANEOUS	SPEC SPECIFICATION
BLOC BLOCK	FF/F FINISH FLOOR	MULL MULLION	SS STAINLESS STEEL
BOT BOTTOM	FE FIRE EXTINGUISHER	MN MINIMUM	STD STANDARD
BSMT BASEMENT	FE FIRE EXTINGUISHER	MIR MIRROR	STRUC STRUCTURAL
BRZ BRONZE	FE FIRE EXTINGUISHER	N NORTH	SUSP SUSPENDED
BULL BULL	FL FLOOR	NOM NORTH	TK BO TACKBOARD
CAB CABINET	FL FLOOR DRAIN	NTS NOT TO SCALE	TEL TELEPHONE
CARP CARPET	FLOR FLOOR MOUNTED	NTS NOT TO SCALE	THK THICK
CEL CEILING	FLOR FLOOR MOUNTED	NTS NOT TO SCALE	THRES THRESHOLD
CEM CEMENT	FF/F FABRIC WALL COVERING	OC ON-CENTER	TR TYPICAL
CTR CENTER	GALV GALVANIZED	OPNG OPENING	UC UNDERCUT
CL CENTERLINE	GA GAUGE	OPNG OPENING	UL UNDERWRITERS
CMT CERAMIC TILE	GENL GENERAL CONTRACTOR	OPH OPPOSITE HAND	LABORATORIES, INC.
CLR CLEAR	GL GLASS	OD OUTSIDE DIAMETER	LRN LURN
CLD CLOSET	GUB GYPSUM BOARD	OA OVERALL	UNL UNLESS OTHERWISE NOTED
CONSTR CONSTRUCTION	GRAN GRANITE	OH OVERHEAD	UPH UNPHOISTORED
CONT CONTINUOUS	GRUT GROUT	PNT PAINT	VERT VERTICAL
DEP DEPRESSED	HW HARDWARE	PRD PAINTED	VWV VINYL WALL COVERING
DET DETAIL	HW HARD WOOD	PRR PARR	VCT VINYL COMPOSITION TILE
DIAG DIAGONAL	HT HEIGHT	PAN PANEL	WV WATER CLOSET
DIAM DIAMETER	HC HOLLOW CORE	PARTN PARTITION	WTW WALL TO WALL
DIFF DIFFUSER	HM HOLLOW METAL	PLAS PLASTER	WC WOOD CLOSET
DM DIMENSION	HVAC HEATING, VENTILATION & AIR CONDITIONING	PLAS LAM PLASTIC LAMINATE	WO WOOD POINT
DIV DIVIDER, DIVISION	INCA INCANDESCENT	PLAS LAM PLASTIC LAMINATE	WB WOOD BASE
DN DOWN	INR INSIDE RADIUS	PLAS LAM PLASTIC LAMINATE	YD YARD
DOR DOOR	INSUL INSULATION	PLAS LAM PLASTIC LAMINATE	
DWG DRAWING	INT INTERIOR	PLAS LAM PLASTIC LAMINATE	
DF DRINKING FOUNTAIN	JAN JANITOR'S CLOSET	PLAS LAM PLASTIC LAMINATE	
DBL DOUBLE	JOINT JOINT	PLAS LAM PLASTIC LAMINATE	
DA DOUBLE ACTING		PLAS LAM PLASTIC LAMINATE	

### SYMBOLS

	CONCRETE		STEEL		WORKING POINT
	WOOD BLOCKING		FINISH WOOD		DETAIL NUMBER
	PLYWOOD		ACOUSTICAL CEILING TILE OR GYPSUM BOARD CEILING		SHEET REFERENCE
	BATT INSULATION		ELEVATION NUMBER		SECTION NUMBER
	RIGID INSULATION		WINDOW/LOUVER TYPE		DOOR MARK
	GYPSUM BOARD		PARTITION TYPE		

### GENERAL NOTES

- INFORMATION CONTAINED IN THESE DRAWINGS IS BASED ON EXISTING DOCUMENTS AND LIMITED FIELD MEASUREMENTS. THE INFORMATION CONTAINED HEREIN MAY REQUIRE ADJUSTMENTS OR MODIFICATIONS TO CONFORM WITH EXISTING CONDITIONS. IN CASES WHERE CHANGES IN DETAILS ARE NECESSARY, THESE DRAWINGS SHALL BE USED TO SHOW THE DESIGN INTENT ONLY.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS CONCERNING EXISTING AND NEW WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH EITHER FABRICATION OR INSTALLATION OF THE WORK. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY SHOULD EXISTING CONDITIONS PROHIBIT EXECUTION OF DESIGN INTENT OF THE DRAWINGS. ANY ADDITIONAL WORK, DEMOLITION AND/OR REMOVAL AS A RESULT OF FAILURE TO DO SO WILL BE AT CONTRACTOR'S EXPENSE.
- ALL NEW WORK SHALL BE COORDINATED WITH EXISTING STRUCTURE AND UTILITIES. NEW WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE FLORIDA BUILDING CODES, 7TH EDITION.
- CONTRACTOR SHALL FURNISH ALL ITEMS SHOWN ON THE DRAWINGS AND AS REQUIRED FOR COMPLETE INSTALLATION UNLESS SPECIFICALLY NOTED OTHERWISE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FLOOR FINISH MATERIALS TO ENSURE THAT TRANSITIONS BETWEEN FLOORING MATERIALS WILL BE SMOOTH AND IN ACCORDANCE WITH THE DRAWINGS.
- UNLESS OTHERWISE NOTED, CHANGES IN FLOORING MATERIAL SHALL OCCUR AT THE CENTERLINE OF DOORS.
- ALL STUDS, CEILING FURRING AND FRAMING MEMBERS SHALL BE SO PLACED AS TO AVOID INTERFERENCE WITH LOCATIONS OF CASEWORK, RECESSED LIGHTING FIXTURES, PIPING, DUCTWORK AND THE LIKE.
- ALL CUTTING AND PATCHING SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. ANY EXISTING FINISHES DISTURBED OR DAMAGED BY THE CONTRACTOR DURING THE COURSE OF THE WORK SHALL BE REPAIRED TO MATCH EXISTING IN KIND AND FINISH.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ALL INTERIOR GLASS SURFACES AND FLOOR SURFACES PRIOR TO OCCUPANCY OF THE SPACE BY TENANT. ALL RESPECTIVE TRASH, CONSTRUCTION DEBRIS, TOOLS, ETC. SHALL BE REMOVED BY CONTRACTOR PRIOR TO OCCUPANCY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RESTRICTING AND CONTAINING DUST AND DEBRIS GENERATED FROM THE DEMOLITION AND CONSTRUCTION BY MEANS OF TEMPORARY PARTITIONS OR BARRIERS, AS REQUIRED.
- ALL WORK AND MATERIAL TO ACCOMPLISH DESIGNATED WORK IS TO BE STORED WITHIN THE DESIGNATED SPACE.
- PARTITIONING AT WALL CABINETS AND COUNTERS SHALL HAVE HORIZONTAL BRACING.
- ALL DIMENSIONS OF WALL THICKNESSES ARE FROM FINISHED FACE OF GYPSUM DRYWALL TO FINISHED FACE OF GYPSUM DRYWALL.
- DO NOT SCALE DRAWINGS.
- COVER ALL EXPOSED GYPSUM BOARD EDGES WITH "J" CLIP OR EQUAL. APPLY JOINT COMPOUND AND SAND SMOOTH.
- ALL NEW WORK SHALL MATCH IN TYPE AND FINISH TO EXISTING WORK ALREADY INSTALLED, IF APPLICABLE.

### GENERAL BUILDING DATA

BUILDING ADDRESS	BUILDING DATA	EXISTING BUILDING
Fishhawk Commons 5640 Circa Fishhawk Blvd	Building Use Group Construction Type Tenant Use Group Number of Stories High Rise Building Covered Mall Sprinkler Fire Alarm Tenant Floor Area Occupant Load	M, A II-B A One No No No 2,425 SF FBC Table 1004.1.2
TENANT NAME The Blend, LLC Tenant Contact: Stacha Madsen (253)350-3401	Assembly (A-2 Cafe/Bar, Unconcentrated Tables/Chairs) - 1 Person / 15 msf 864 / 15 = 58 Occupants  Kitchen - 1 Person / 200 sf 670 / 200 = 3 Occupants  Storage - 1 Person / 300 sf 135 / 300 = 1 Occupant  Total: 62 Occupants	
Exits	2 Required - 2 Provided	
Demising Wall Rating	2 Hr Existing - UL U411	
Corridor Wall Rating	N/A	
Floor/Ceiling Rating	Not Required	
Standard Ceiling Height	17'-0" (Existing Metal Deck) / 12'-0" and 11'-0" (New ACT)	
Governing Codes	2023 Florida Building Code, 8th Edition 2023 Florida Existing Building Code, 8th Edition 2023 Florida Fire Prevention Code, 8th Edition 2021 NFPA 1 & 101 Life Safety Code, 8th Edition 2023 Building Code-Accessibility, 8th Edition 2023 Florida Mechanical Code, 8th Edition 2023 Florida Plumbing Code, 8th Edition 2020 National Electric Code (NEC)	

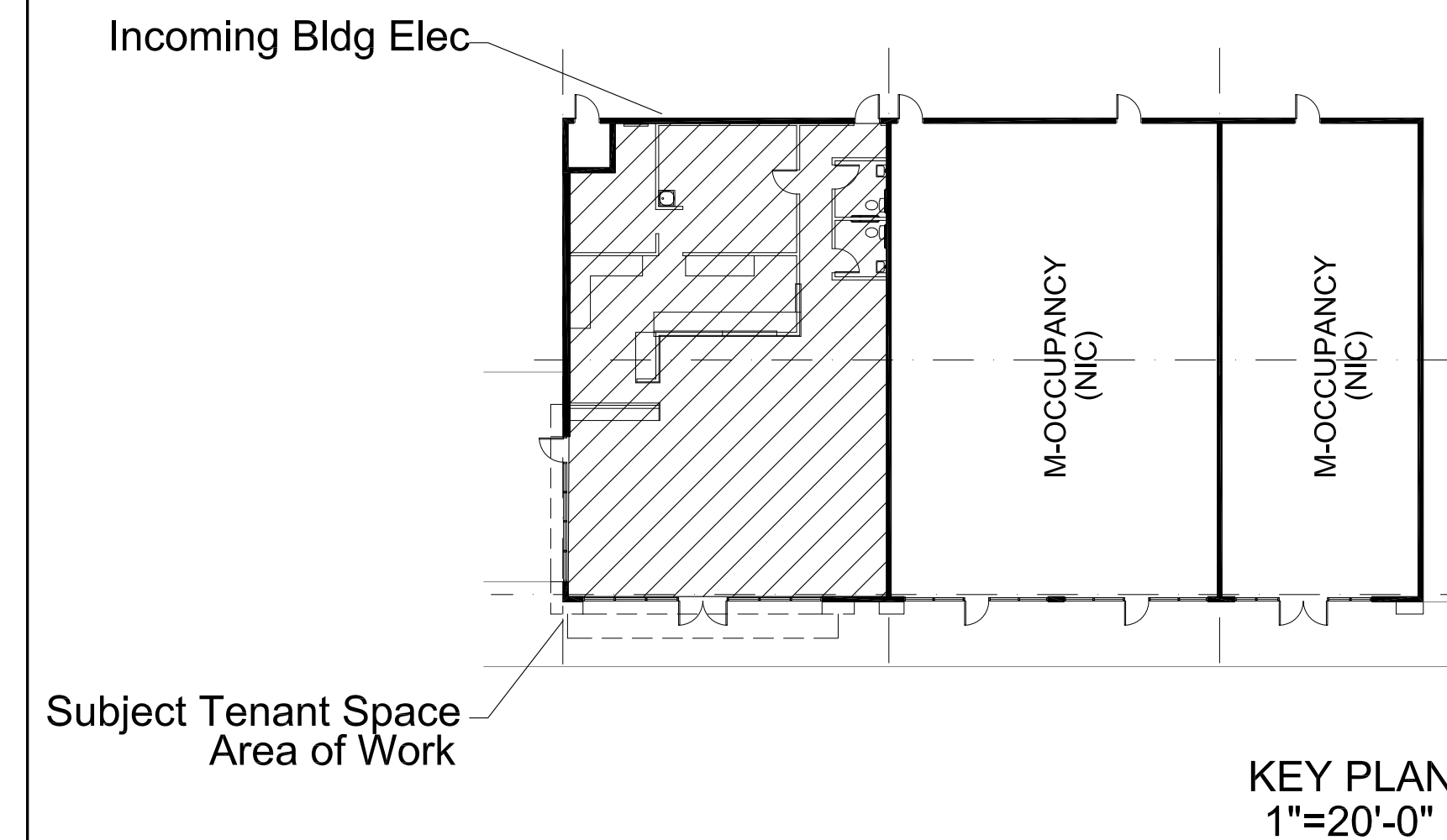
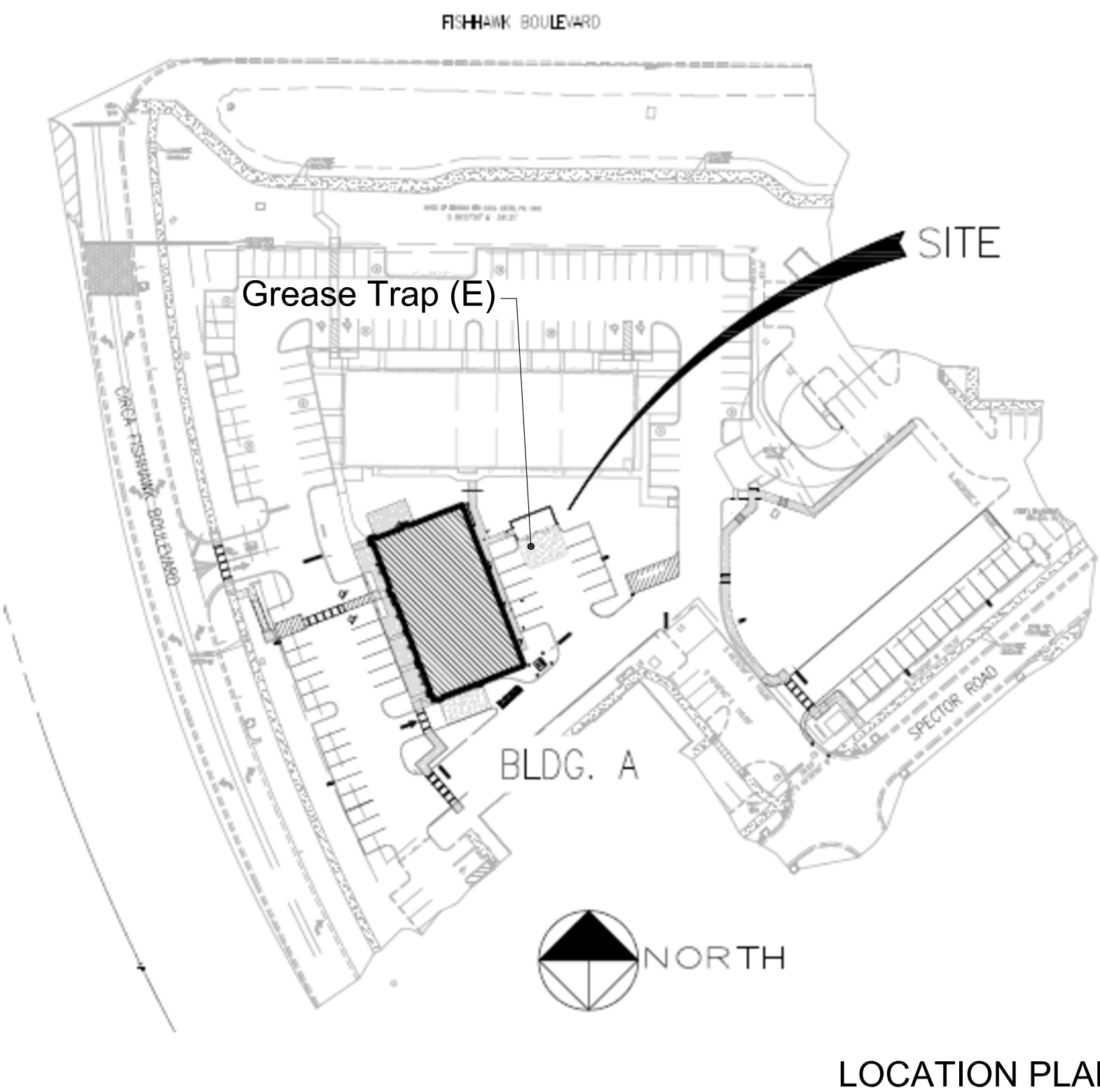
### PROJECT DESCRIPTION

INTERIOR REMODEL OF VACANT SHELL TENANT SPACE, TO BE BUILT OUT INTO NEW COFFEE AND BEVERAGE SHOP. NO DEMOLITION SCOPE OF WORK REQUIRED. NEW WORK INCLUDES NEW PARTITIONS, COUNTERTOPS/MILLWORK, FINISHES, LIGHTING, PLUMBING FIXTURES, MECHANICAL, ELECTRICAL INCLUDING NEW PANEL FROM EXISTING BLDG METER BANK, PLUMBING AND INSTALLATION OF FOOD SERVICE EQUIPMENT. EXISTING UNDERGROUND GREASE TRAP TO BE REUSED FOR ALL FOOD SERVICE ITEMS AS REQUIRED. NEW SLAB IN TENANT AREA SHALL BE POURED (CURRENTLY OPEN GRAVEL/FILL) AFTER ALL PLUMBING LINES ARE LAID.

### DRAWING INDEX

Sheet No. Sheet Title:

TA1.0	Cover Sheet	TM1.1	Mechanical Plan and Notes
TA1.1	Partition Types and Schedules		
TA1.1a	UL Assembly Details	TP1.1	Plumbing Plan and Notes
TA1.1b	UL Assembly Details	TP1.2	Plumbing Risers and Details
TA1.2	Construction Plan and Notes		
TA1.3	Interior Elevations and Details	TE1.1	Electrical Plan and Notes
TA1.4	Interior Elevations and Details	TE1.2	Lighting Plan and Notes
TA1.5	Interior Elevations and Details	TE1.3	Electrical Riser Diagram
		TE1.4	Life Safety Plan and Notes



**Contractor General Notes and Requirements**

1. INFORMATION CONTAINED IN THESE DRAWINGS IS BASED ON EXISTING DOCUMENTS AND LIMITED FIELD MEASUREMENTS. THE INFORMATION CONTAINED HEREIN MAY REQUIRE ADJUSTMENTS OR MODIFICATIONS TO CONFORM WITH EXISTING CONDITIONS. IN CASES WHERE CHANGES IN DETAILS ARE NECESSARY, THESE DRAWINGS SHALL BE USED TO SHOW THE DESIGN INTENT ONLY.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS CONCERNING EXISTING AND NEW WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH EITHER FABRICATION OR INSTALLATION OF THE WORK. IN ADDITION, CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY SHOULD EXISTING CONDITIONS PROHIBIT EXECUTION OF DESIGN INTENT OF THE DRAWINGS. ANY ADDITIONAL WORK, DEMOLITION AND/OR REMOVAL AS A RESULT OF FAILURE TO DO SO WILL BE AT CONTRACTOR'S EXPENSE.
3. ALL NEW WORK SHALL BE COORDINATED WITH EXISTING STRUCTURE AND UTILITIES. NEW WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT VERSION OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE AND APPROPRIATE REFERENCES.
4. CONTRACTOR SHALL FURNISH ALL ITEMS SHOWN ON THE DRAWINGS AND AS REQUIRED FOR COMPLETE INSTALLATION UNLESS SPECIFICALLY NOTED OTHERWISE.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FLOOR FINISH MATERIALS TO ENSURE THAT TRANSITIONS BETWEEN FLOORING MATERIALS WILL BE SMOOTH AND IN ACCORDANCE WITH THE DRAWINGS.
6. UNLESS OTHERWISE NOTED, CHANGES IN FLOORING MATERIAL SHALL OCCUR AT THE CENTERLINE OF DOORS.
7. ALL STUDS, CEILING FURRING AND FRAMING MEMBERS SHALL BE SO PLACED AS TO AVOID INTERFERENCE WITH LOCATIONS OF CASEWORK, RECESSED LIGHTING FIXTURES, PIPING, DUCTWORK AND THE LIKE.
8. ALL CUTTING AND PATCHING SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. ANY EXISTING FINISHES DISTURBED OR DAMAGED BY THE CONTRACTOR DURING THE COURSE OF THE WORK SHALL BE REPAIRED TO MATCH EXISTING IN KIND AND FINISH.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ALL INTERIOR GLASS SURFACES AND FLOOR SURFACES PRIOR TO ACCEPTANCE BY MANAGEMENT. ALL RESPECTIVE TRASH, CONSTRUCTION DEBRIS, TOOLS, ETC. SHALL BE REMOVED BY CONTRACTOR PRIOR TO COMPLETION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTRICTING AND CONTAINING DUST AND DEBRIS GENERATED FROM THE DEMOLITION AND CONSTRUCTION BY MEANS OF TEMPORARY PARTITIONS OR BARRIERS, AS REQUIRED.
11. ALL WORK AND MATERIAL TO ACCOMPLISH DESIGNATED WORK IS TO BE STORED WITHIN THE DEMISED SPACE.
12. PARTITIONING AT WALL CABINETS AND COUNTERS SHALL HAVE HORIZONTAL BRACING.
13. ALL DIMENSIONS OF WALL THICKNESSES ARE FROM FINISHED FACE OF GYPSUM DRYWALL TO FINISHED FACE OF GYPSUM DRYWALL.
14. DO NOT SCALE DRAWINGS.
15. COVER ALL EXPOSED GYPSUM BOARD EDGES WITH "J" CLIP OR EQUAL. APPLY JOINT COMPOUND AND SAND SMOOTH.
16. ALL NEW WORK SHALL MATCH IN TYPE AND FINISH TO EXISTING WORK ALREADY INSTALLED, IF APPLICABLE.
17. LOCATE, IDENTIFY AND PROTECT ALL ELECTRICAL SERVICE FEEDERS PASSING THROUGH THE DEMISED PREMISES. MAINTAIN ELECTRICAL SERVICE TO AREAS OUTSIDE OF DEMOLITION LIMITS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE TEMPORARY ELECTRIC SERVICE FOR ALL AREAS WHERE POWER IS INTERRUPTED.
18. MECHANICAL, PLUMBING AND ELECTRICAL PLANS ARE DIAGRAMMATIC. ALL CONNECTIONS SHOWN TO EXISTING UTILITY SERVICES MUST BE FIELD VERIFIED BY CONTRACTOR AND ALL SUBCONTRACTORS PRIOR TO CUTTING SLAB, REMOVING WIRING, CONDUIT OR ORDERING ANY MATERIALS. EVERY EFFORT HAS BEEN MADE TO CONFIRM AVAILABLE UTILITIES, HOWEVER, IF ANY DISCREPANCY ARISES, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY.

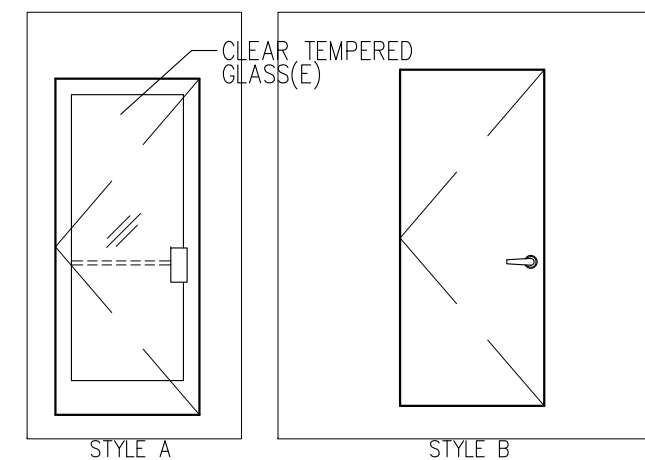
**Door Schedule**

Mark	Size	Style	Description	Frame	Hardware
1	PR3'-0" x 8'-0" x 1-3/4"	A	STOREFRONT ALUM/GLASS(ETR)	STOREFRONT(ETR)	PANIC BAR W/CLOSER, DEADBOLT (EXISTING)
2	3'-0" x 8'-0" x 1-3/4"	A	STOREFRONT ALUM/GLASS	HM/2 STOREFRONT	PANIC BAR W/CLOSER, DEADBOLT (EXISTING)
3	3'-0" x 7'-0" x 1-3/4"	A	HC ALUM - PAINT(ETR)	HM/1 PAINTED(ETR)	PANIC BAR W/CLOSER, DEADBOLT (EXISTING)
4 AND 5	3'-0" x 7'-0" x 1-3/4"	B	SC WOOD - PAINT	HM/1 PAINTED	LEVER BATHROOM PRIVACY LOCK SET
6	3'-0" x 7'-0" x 1-3/4"	B	SC WOOD - PAINT	HM/1 PAINTED	LEVER PASSAGE SET W/ CLOSER

**DOOR AND HARDWARE REMARKS**

- 1 THE EXISTING MAIN ENTRANCE AND HARDWARE SHALL REMAIN AS-IS. DOORS SHALL SWING IN THE DIRECTION OF EGRESS AND REMAIN FREE AND OPEN DURING OPERATING HOURS.
- 2 NEW LEVER HARDWARE SETS SHALL BE SCHLAGE, RHODES LEVER STYLE IN BLACK FINISH, OR EQUAL. VERIFY WITH OWNER.
- 3 ALL NEW INTERIOR DOORS SHALL BE SOLID CORE, PAINT GRADE.
- 4 EXISTING STOREFRONT DOORS, IF NOT ALREADY EQUIPPED, SHALL RECEIVE PANIC BAR HARDWARE WITH LOCK. PANIC BAR UNLOCKS FROM THE INSIDE AT ALL TIMES FOR FREE EGRESS. PANIC DEVICES SHALL COMPLY WITH NFPA 101.7.2.1.7

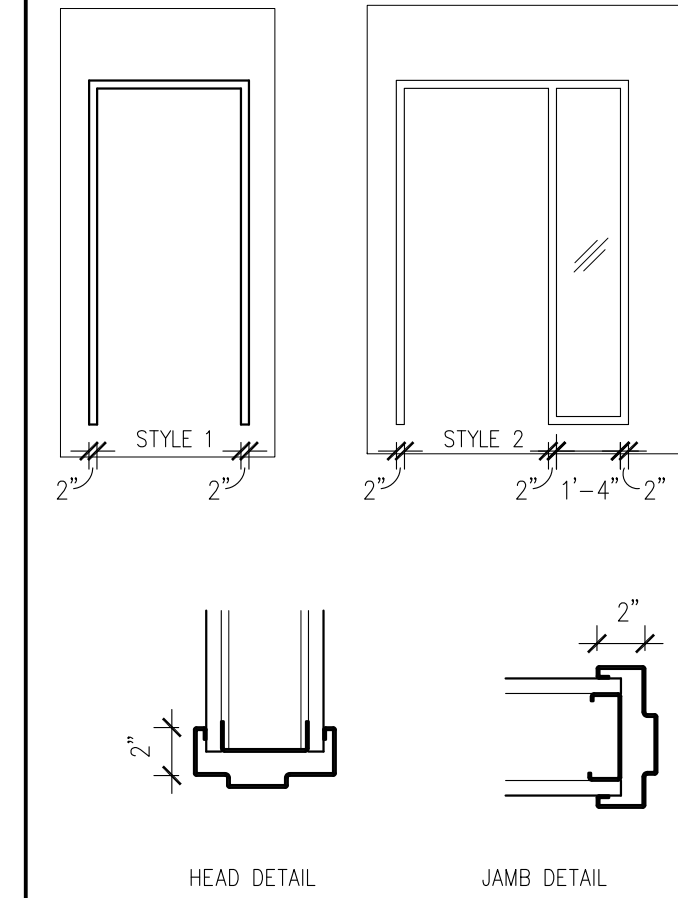
**Door Elevations**



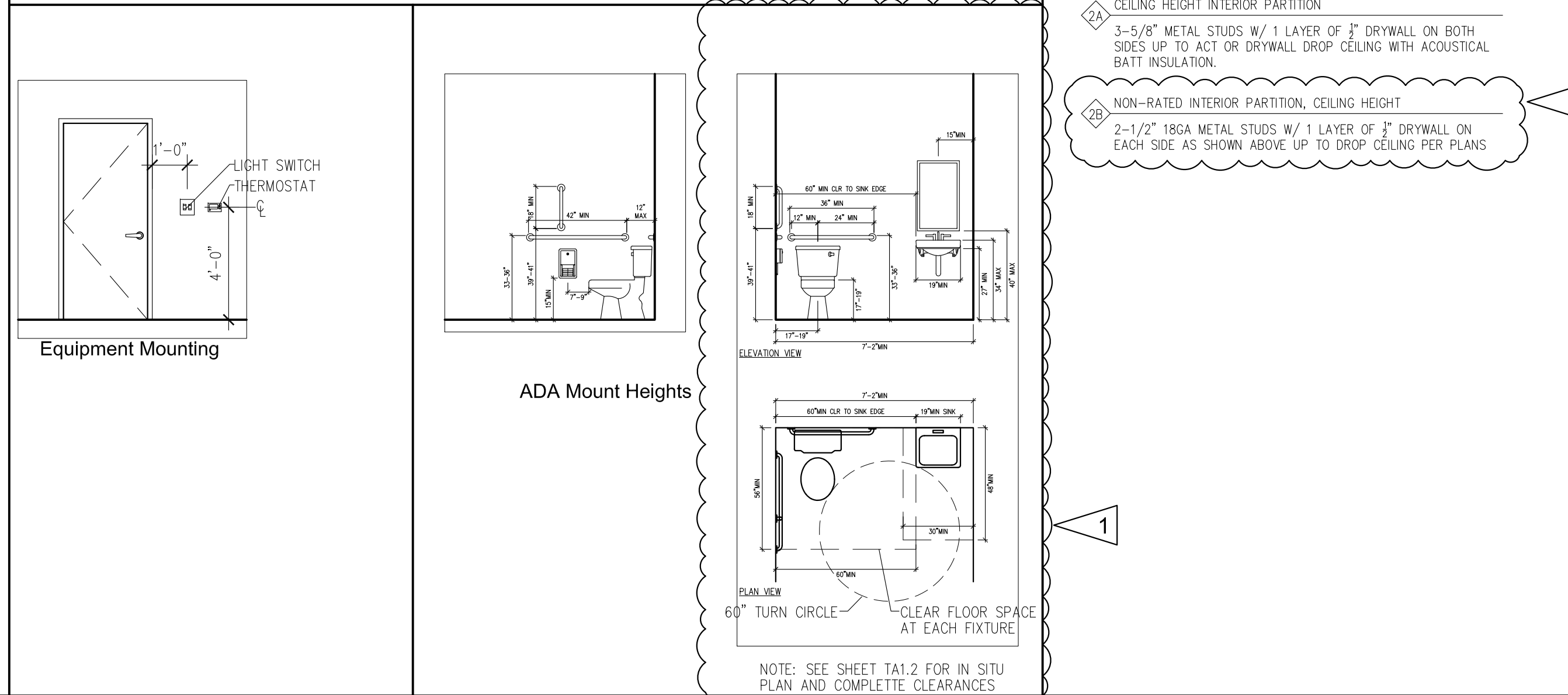
**GENERAL DOOR NOTES:**

1. ALL DOORS INDICATED TO BE BUILDING STANDARD DOORS. NEW INTERIOR WOOD DOORS SHALL BE SOLID CORE WOOD PAINT GRADE, MATCH EXISTING.
2. CONTRACTOR TO VERIFY HARDWARE AND LOCK TYPES WITH TENANT PRIOR TO INSTALLATION. PROVIDE BUILDING STANDARD HARDWARE AT ALL DOORS COMPLYING WITH ICC/ANSI. NEW AND RELOCATED INTERIOR LEVER HANDLE LOCKSETS SHALL MATCH EXISTING ADJACENT TYPE AND FINISH.

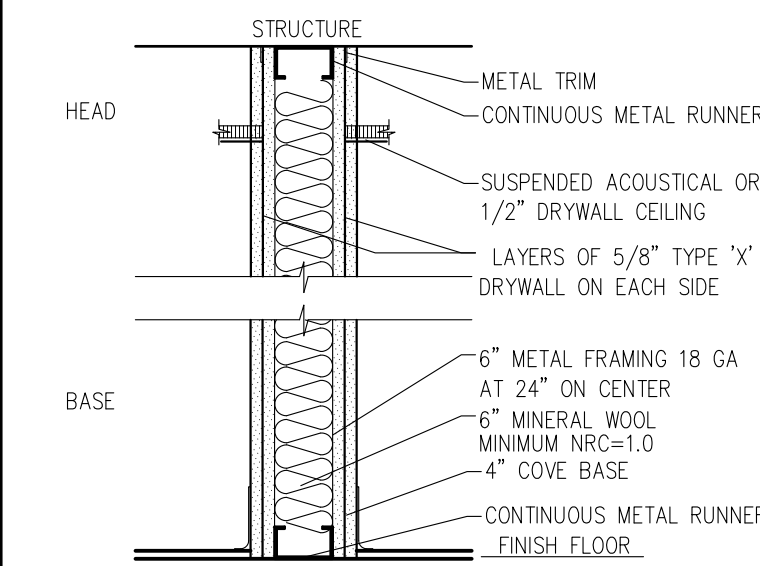
**Frame Elevations & Details**



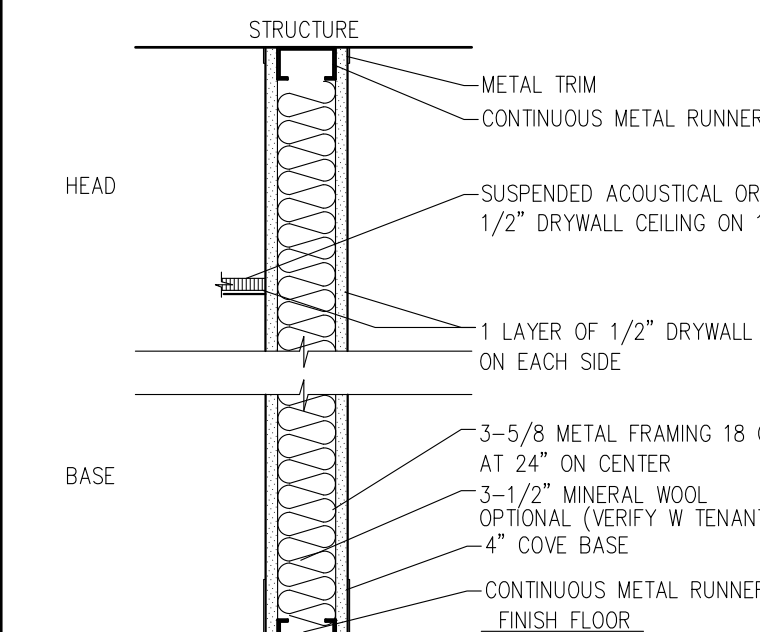
**Typical Required Clearances**



**Partition Types**

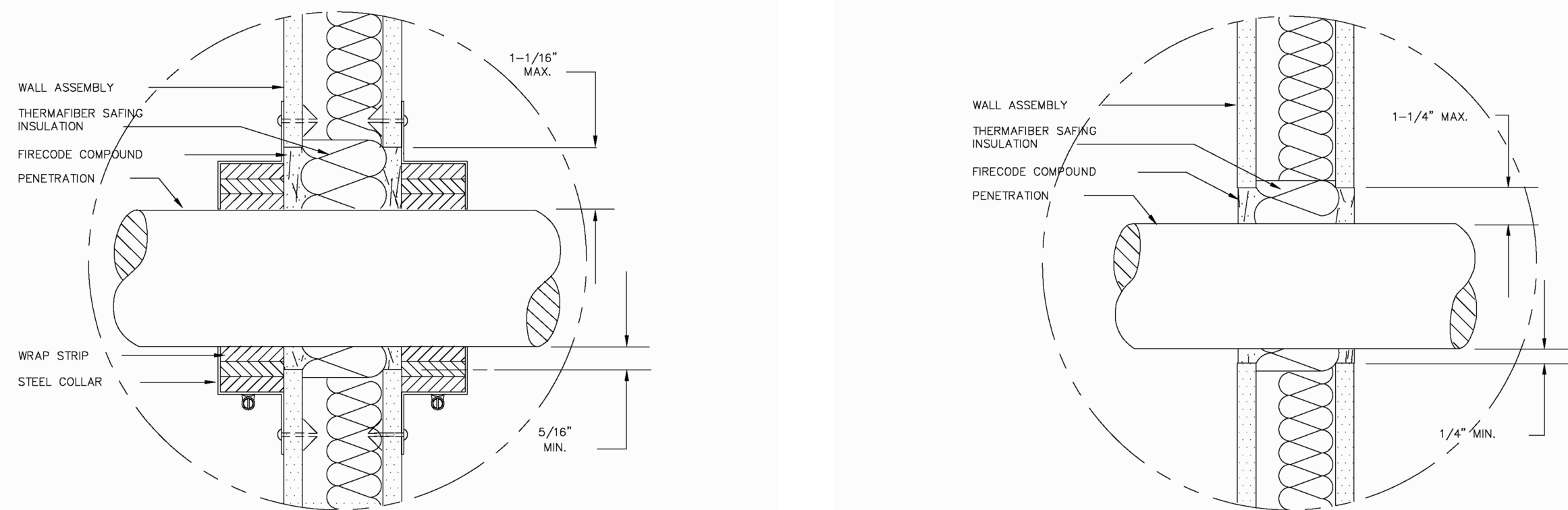


- 1 FULL HEIGHT 2 HR. RATED SEPARATION PARTITION - UL U411  
6\"/>



- 2 NON-RATED FULL HEIGHT INTERIOR PARTITION  
3-5/8\"/>
- 3 CEILING HEIGHT INTERIOR PARTITION  
3-5/8\"/>
- 4 NON-RATED INTERIOR PARTITION, CEILING HEIGHT  
2-1/2\"/>

**Typical Firestopping Details**



1. ALL INTERIOR WALL AND CEILING FINISHES SHALL MEET ASTM E84 CLASS 'C' FLAME SPREAD AND SMOKE DEVELOPED INDEX. (2023 FBC SECTION 803.1 & TABLE 803.11)  
FLAME SPREAD: 76-200  
SMOKE DEVELOPED: 0-450
2. ALL INSULATING MATERIALS SHALL MEET ASTM E84 CLASS 'A' FLAME SPREAD AND SMOKE DEVELOPED INDEX. (2023 FBC SECTION 720.2)  
FLAME SPREAD: 0-25  
SMOKE DEVELOPED: 0-450
3. ALL INTERIOR FLOOR FINISHES SHALL COMPLY WITH 2023 FBC SECTION 804.
4. ALL INSULATING MATERIALS SHALL MEET ASTM E84 CLASS 'A' FLAME SPREAD
5. ALL MATERIALS, INSULATION, PIPING AND HANGERS LOCATED IN ACTIVE RETURN AIR PLENUMS (WHERE APPLICABLE) SHALL BE LABELED AND APPROVED FOR SUCH APPLICATIONS. MATERIALS SHALL COMPLY WITH 2023 FMC 602.2.

WALL ASSEMBLY  
UL E84 CLASS C  
DATE: 1/23/24  
SHEET

WALL ASSEMBLY  
UL E84 CLASS A  
DATE: 1/23/24  
SHEET

Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

Contractor

Seal

Drawing Title:

**Partition Types and Door and Finish Schedules**

North

Scale

As Noted

Issue Date Description

No.	Date	Description
1	03.03.25	Permit Inspection Rev

Project No. TB23-04

Sheet

**TA1.1**

UL Product iQ®



BXUV,U411 - Fire-resistance Ratings - ANSI/UL 263

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
Authorities Having Jurisdiction should be consulted before construction.
Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements.
When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design.
Information for each product category and each group of assemblies. The Guide information includes specifics concerning alternate materials and alternate methods of construction.
Only products which bear UL's Mark are considered Certified.

Fire-resistance Ratings - ANSI/UL 263

- BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

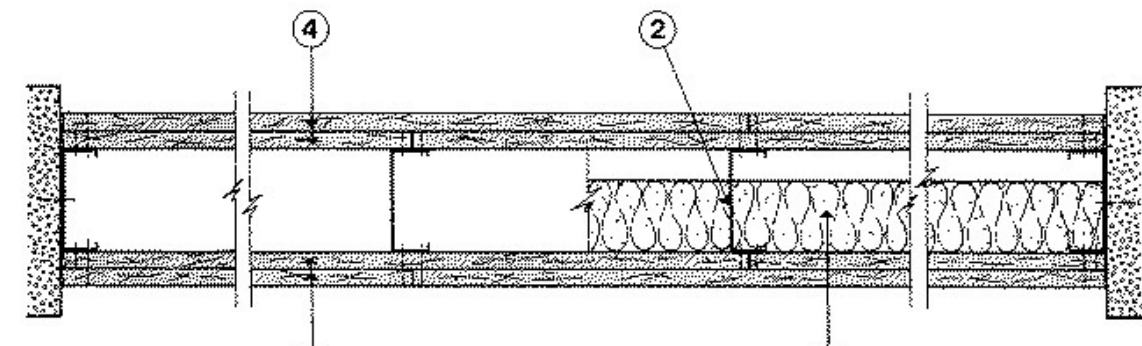
See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. U411

September 5, 2022

Nonbearing Wall Rating — 2 Hr.

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. Floor and Ceiling Runner — (Not Shown) — Min. 25 MSG galv steel, 1 in. return legs, 2-1/2 in. deep (min), attached to floor and ceiling with fasteners 24 in. OC max.

1A. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2A, channel shaped, min 2-1/2 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track
CONSOLIDATED FABRICATORS CORR. BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track
IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track
QUAL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20
TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20
UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

1B. Floor and Ceiling Runners — (Not Shown) — For use with Item 2B - Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min width to accommodate stud size, with min 1 in long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1C. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2C, channel shaped, min 2-1/2 in. wide fabricated from min 0.015 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC max.
CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK
DMFCWS L L C — ProSTUD
MBA METAL FRAMING — ProTRAK
RAM SALES L L C — Ram ProTRAK
STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1D. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2D, channel shaped, min 2-1/2 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC max.
TELLING INDUSTRIES L L C — TRUE-TRACK™

1E. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2E, channel shaped, min 2-1/2 in. wide fabricated from min 25 MSG steel, attached to floor and ceiling with fasteners 24 in. OC max.
KIRRI (HONG KONG) LTD — Type KIRRI

1F. Floor and Ceiling Runners — (Not Shown) — Channel shaped, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below, attached to floor and ceiling with fasteners spaced max 24 in. OC.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VTI09
IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1G. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2G, channel shaped, min 2-1/2 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

1H. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2J, Channel shaped, attached to floor and ceiling with fasteners 24 in. OC max.
BAILEY METAL PRODUCTS LTD — Type PLATINUM PLUS

1I. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2K, channel shaped, min 3-1/2 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC max.
RESCUE METAL FRAMING, L L C — AlphaTRAK

1J. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2L, Channel shaped, attached to floor and ceiling with fasteners 24 in. OC max.
OEG BUILDING MATERIALS — OEG Track

1K. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2M, channel shaped, min 2-1/2 in. deep, formed of min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X Track

1L. Framing Members\* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2N, Channel shaped, min. 2-1/2 in. deep, attached to floor and ceiling with fasteners 24 in. OC max.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D25
CONSOLIDATED FABRICATORS CORR. BUILDING PRODUCTS DIV — Type SUPREME D25
QUAL RUN BUILDING MATERIALS INC — Type SUPREME D25
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D25
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D25
TELLING INDUSTRIES L L C — Type SUPREME D25
UNITED METAL PRODUCTS INC — Type SUPREME D25

1M. Floor and Ceiling Runner — (Not shown) - As an alternate to Item 1, For use with Items 2O and 4O - Min 25 MSG galv steel, 1-5/8 in. deep (min), attached to floor and ceiling with fasteners 24 in. OC max.

2. Steel Studs — Min 2-1/2 in. deep, formed of min 25 MSG galv steel max stud spacing 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

2A. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1G, channel shaped studs, min 2-1/2 in.

deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™
CONSOLIDATED FABRICATORS CORR. BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™
IMPERIAL MANUFACTURING GROUP INC — Viper20™
QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20
TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20
UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

2B. Steel Studs — (As an alternate to Item 2, For use with Item 4D, 4H, and 4J) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2C. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1C, channel shaped studs, min 2-1/2 in. wide fabricated from min 0.015 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD
DMFCWS L L C — ProSTUD
MBA METAL FRAMING — ProSTUD
RAM SALES L L C — Ram ProSTUD
STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2D. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1D, channel shaped studs, min 2-1/2 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
TELLING INDUSTRIES L L C — TRUE STUD™

2E. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1E, channel shaped studs, min 2-1/2 in. wide fabricated from min 25 MSG steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
KIRRI (HONG KONG) LTD — Type KIRRI

2F. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1G, channel shaped studs, min 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

2G. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, Min 2-1/2 in. deep, formed of min 25 MSG galv steel max stud spacing 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
EB METAL INC — NITROSTUD

2H. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, Min 2-1/2 in. deep, formed of min 25 MSG galv steel max stud spacing 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
OLMAR SUPPLY INC — PRIMESTUD

2I. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1A (3-5/8 in. wide track), channel shaped

1 of 12

10/17/2022, 15:30 2 of 12

10/17/2022, 15:30 3 of 12

10/17/2022, 15:30 4 of 12

10/17/2022, 15:30

studs, fabricated from min 25 MSG corrosion-protected steel, 1-1/4 in. wide by 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2J. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1H, channel shaped, min 3-5/8 in. wide, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
BAILEY METAL PRODUCTS LTD — Type PLATINUM PLUS

2K. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1I, channel shaped studs, min 3-1/2 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
RESCUE METAL FRAMING, L L C — AlphaTUD

2L. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1J, channel shaped studs, Min 2-1/2 in. deep, formed of min 25 MSG galv steel max stud spacing 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
OEG BUILDING MATERIALS — OEG Stud

2M. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1K, channel shaped studs, min 2-1/2 in. deep, formed of min. 25 MSG (0.018 in. min. bare metal thickness), spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X

2N. Framing Members\* — Steel Studs — As an alternate to Item 2 — For use with Item 1L, channel shaped studs, min depth 2-1/2 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D25
CONSOLIDATED FABRICATORS CORR. BUILDING PRODUCTS DIV — Type SUPREME D25
QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D25
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D25
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D25
TELLING INDUSTRIES L L C — Type SUPREME D25
UNITED METAL PRODUCTS INC — Type SUPREME D25

2O. Framing Members — Steel Studs — (As an alternate to Item 2) For use with Items 1M and 4O - channel shaped studs min 1-5/8 in. deep, formed of 25 MSG galv steel, max stud spacing 24 in. OC. Studs cut 3/8 in. to 3/4 in. less than assembly height.

3. Batts and Blankets\* — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.

See Batts and Blankets (B2Z) category for names of manufacturers

ROCKWOOL — Type AFB, min. density 1.69 pcf / 27.0 kg/m³

ROCKWOOL MALAYSIA SDN BHD — Type Acoustical Fire Batts

3A. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product.
US GREENFIBER L L C — INS735, INS745 and INS750LD for use with wet or dry application, INS765LD and INS773LD are to be used for dry application only.

3B. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to

completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

3C. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lb/ft³.
INTERNATIONAL CELLULOSE CORP — Cellar-RL

3D. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) — Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face of the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lb/ft³.

APPLIGATE HOLDINGS L L C — Appligate Advanced Stabilized Cellulose Insulation

3E. Foamed Plastic\* — As an alternate to Batts and Blankets (Item 3), for use with Item 4Q — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity. When foamed plastic is used, minimum stud depth shall be 3-1/2 in.

CARLISLE SPRAY FOAM INSULATION — Types SeaTite Pro Closed Cell (CC), SeaTite Pro Open Cell (OC), SeaTite Pro OCK, SeaTite Pro No Trim 1, SeaTite Pro Zero, Foamulate Closed Cell, Foamulate OCK, Foamulate 70, and Foamulate HFO.

3F. Foamed Plastic\* — As an alternate to Batts and Blankets (Item 3), for use with Item 4R — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with min. 20 MSG thickness.

BASF CORP - EnerLite® NM, EnerLite® G, FE178®, Spraytite® 178, Spraytite® 81206, Walltite® 200, Walltite® US, Walltite HP+, FE137®, FE158®, Spraytite® 158, Spraytite® SP and Spraytite® 81205

4. Gypsum Board\* — 5/8 in. thick, outer layer paper, glass mat or vinyl surfaced. (Laminated System) Gypsum board applied vertically in two layers. Inner layer attached to studs with 1 in. long Type S steel screws spaced 8 in. OC along vertical edges, and 12 in. OC in the field and outer layer laminated to inner layer with joint compound, applied with a notched spreader, producing continuous beads of compound about 3/8 in. in diameter, spaced not greater than 2 in. OC. Joints of laminated outer layer offset 12 in. from inner layer joints. Outer layer gypsum board attached to floor and ceiling runner track with 1-5/8 in. long Type S steel screws spaced 12 in. OC.
Optional (Direct Attached System): Inner layer attached to studs with 1 in. long Type S steel screws spaced 16 in. OC in the field and along the vertical edges. Outer layer attached to the studs over the inner layer with 1-5/8 in. long Type S steel screws spaced 16 in. OC in the field and along the vertical edges and 12 in. OC to the floor and ceiling runners. Joints of screw attached outer layer offset from inner layer joints. Joints of outer layer may be taped or un taped.

Nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

AMERICAN GYPSUM CO — Types AG-C, AGX-1, M, Glass, AGX-11, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBK-1

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Type BlueGlass Exterior Sheathing

CERTAINTED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc 2, Type X-1, Type C, or 5/8" East-Lite Type X

CGC INC — Type AR, C, IP, AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, USGX, WRC or WRX

CERTAINTED GYPSUM INC — Types LGFCA, LGFCA, LGFC-C/A, LGFC-WD, LGLXL, CLIX

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPF56, LS, TG-C, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing-Type X, Soffit-Type X, GreenGlass-Type X, Type X ComfortGuard Sound Deadening Gypsum Board, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing-Type LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing-Type DGLW, Soffit-Type DGLW, Type LWXZ, Veneer Plaster Base-Type LWXZ, Water Rated-Type LWXZ, Sheathing-Type LWXZ, Soffit-Type LWXZ, Type DGL2W, Water Rated-Type DGL2W, Sheathing-Type DGL2W

NATIONAL GYPSUM CO — Types eXP-C, FSX, FSK-C, FSW, F3W, F5W, F6W, F5W-C, FSW-C, F5M-C, FSL, Type SBWB, R5X

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C, PG-3, PG-5, PG-9, PG-11, PG-C, PG5-WRS, WRC

PANEL REY S A — Types GREX, GRIX, PRX, RHX, MDX, ETX, PRC, PRC2, PRX2

SIAM GYPSUM INDUSTRY (SARABURU) CO LTD — Type EX-1

SAINT-GOBAIN GYPROC MIDDLE EAST FEZ — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc Duraline, Gyproc Duraline MR, Gyproc Duraline M2TECH, Gyproc Duraline ACTIV'Air, Gyproc Duraline MR ACTIV'Air, Gyproc Duraline M2TECH ACTIV'Air

THAI GYPSUM PRODUCTS PCL — Type C or Type X

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Types C and SCX

UNITED STATES GYPSUM CO — Type AR, C, FRX-G, IP, AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, USGX, WRC, WRX

USG BORAL DRYWALL SFZ LLC — Types C, SCX, SGX, USGX

USG MEXICO S A DE C V — Type AR, C, IP, AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC or WRX

4A. Gypsum Board\* — (As an alternate to Item 4) — Nom 3/4 in. thick, installed as described in Item 4 with 1-1/4 in. long Type S screws for inner layer and 2-1/4 in. long Type S screws for outer layer.
CGC INC — Types AR, IP, AR
UNITED STATES GYPSUM CO — Types AR, IP, AR
USG MEXICO S A DE C V — Types AR, IP, AR

4B. Gypsum Board\* — (As an alternate to Items 4 and 4A) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer on one side of the assembly. Horizontal joints need not be backed by steel framing. Secured as described in Item 4 for the direct attached system. When used in widths other than 48 in., gypsum panels to be installed horizontally.
CERTAINTED GYPSUM INC — Type C, Type GlasRoc
CGC INC — Type SHX
SAINT-GOBAIN GYPROC MIDDLE EAST FEZ — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc Duraline, Gyproc Duraline MR, Gyproc Duraline M2TECH, Gyproc Duraline ACTIV'Air, Gyproc Duraline MR ACTIV'Air, Gyproc Duraline M2TECH ACTIV'Air

THAI GYPSUM PRODUCTS PCL — Type X, Type X

UNITED STATES GYPSUM CO — Type SHX, FRX-G

USG MEXICO S A DE C V — Type SHX

4C. Gypsum Board\* — (As an alternate to Items 4, 4A and 4B) — Two layers of 5/8 in. thick gypsum board applied horizontally or vertically. Inner layer attached to studs with No. 6 by 1 in. long Type S bugle head screws spaced 24 in. OC along the top and bottom tracks starting 2 in. and then 12 in. from the vertical edge. Inner layer screws spaced 24 in. OC along the studs, starting 2 in. and then 12 in. from the top and bottom of the studs and starting 1-1/4 in. from the horizontal joints when installed horizontally. Outer layer attached to studs with 1-5/8 in. long Type S bugle head screws spaced 16 in. OC along the top and bottom tracks starting 1-3/4 in. from the vertical edge. Inner layer screws spaced 16 in. OC along the studs, starting 1-3/4 in. and then 8 in. from the top and bottom of the studs and starting 1-1/4 in. and then 8 in. from the horizontal joints when installed horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers staggered a min of 12 in. When outer layers are installed horizontally, vinyl or casen, dry or premixed joint compound shall be applied in two coats to joints and screw heads of outer layer. Paper tape, nom 2 in. wide, embedded in first layer of compound

Table with 2 columns: Issue Date, Description. Includes drawing title 'UL Assembly Details', scale 'Scale', and project information 'Project No. TB23-04' and 'Sheet TA1.1a'.

Equitecture, PLLC
730 N Disston Ave
Tarpon Springs, FL 34689
tel 703.638.5289
Interior Remodel for New Tenant
The Blend
At Fishhawk Commons
5640 Circa Fishhawk Blvd
Lithia Florida 33547

Contractor
Contractor

Scale
Scale

Table with 2 columns: Issue Date, Description. Includes drawing title 'UL Assembly Details', scale 'Scale', and project information 'Project No. TB23-04' and 'Sheet TA1.1a'.

Table with 2 columns: Issue Date, Description. Includes drawing title 'UL Assembly Details', scale 'Scale', and project information 'Project No. TB23-04' and 'Sheet TA1.1a'.

Project No. TB23-04
Sheet TA1.1a



Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

Contractor

Seal

alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel, 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach furring channels (Item 8Fa) to studs. Clips spaced maximum 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips.

**CLARKDIETRICH BUILDING SYSTEMS** — Type ClarkDietrich Sound Clip

9. **Barrier Mesh** — (Optional, Not Shown) — Attached to steel studs on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center vertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing screws. For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 4) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center.

**CLARKDIETRICH BUILDING SYSTEMS** — Barrier Mesh, Barrier Mesh Clips

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2022-09-05

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product IQ subject to the following conditions: 1. The Guide information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product IQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2022 UL LLC."

alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b.

b **Steel Framing Members\*** — Used to attach furring channels (Item 8Aa) to studs. Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips with RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.  
**PKC INTERNATIONAL L L C** — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75)

8B. **Framing Members\*** — (Optional on one or both sides, Not Shown — Not for use with Items 4D, 4H, 4J, or 4N) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach furring channels (Item a) to studs. Clips spaced 48 in. OC, and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips.  
**STUDCO BUILDING SYSTEMS** — RESIMOUNT Sound Isolation Clips - Type A237R

8C. **Steel Framing Members\*** — (Optional on one or both sides, Not Shown — Not for use with Items 4D, 4H, 4J, or 4N) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 8Cb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach furring channels (Item 8Ca) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.  
**REGUPOL AMERICA** — Type SonusClip

8D. **Steel Framing Members\*** — (Optional on one or both sides, Not Shown — Not for use with Items 4D, 4H, 4J, or 4N) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Resilient Channels** — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach resilient channels (Item 8Da) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan head self-drilling screw.  
**KEENE BUILDING PRODUCTS CO INC** — Type RC + Assurance Clip

8E. **Steel Framing Members\*** — (Optional on one or both sides, Not Shown — Not for use with Items 4D, 4H, 4J, or 4N) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach furring channels (Item 8Ea) to studs. Clips spaced 48 in. OC, and secured to studs with No. 10 x 2 in. screw through the center hole. Furring channels are friction fit into clips.  
**MASON INDUSTRIES INC** — Type CWC-50

8F. **Steel Framing Members\*** — (Optional on one or both sides, Not Shown — Not for use with Items 4D, 4H, 4J, or 4N) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach furring channels (Item 8Fa) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.  
**REGUPOL AMERICA** — Type SonusClip

8G. **Steel Framing Members\*** — (Optional on one or both sides, Not Shown — Not for use with Items 4D, 4H, 4J, or 4N) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach furring channels (Item 8Ga) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fit into clips.  
**MASON INDUSTRIES INC** — Type CWC-50

8H. **Steel Framing Members\*** — (Optional on one or both sides, Not Shown — Not for use with Items 4D, 4H, 4J, or 4N) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:  
a **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4.

b **Steel Framing Members\*** — Used to attach furring channels (Item 8Ha) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.  
**REGUPOL AMERICA** — Type SonusClip

4Q. **Gypsum Board\*** — (As an alternate to Item 5 when Foam Plastic insulation (Item 3E) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1 in. long Type 5 steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer assemblies outer layer will be attached to studs over inner layer with the 1-5/8 in. long steel screws spaced 8 in. OC.

4R. **Gypsum Board\*** — (As an alternate to Item 5 when Foam Plastic insulation (Item 3F) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-1/4 in. long Type 5 steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer assemblies outer layer will be attached to studs over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC.

5. **Lead Batten Strips** — (Not Shown, For Use With Item 4D) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-2011, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum board (Item 4D) and optional at remaining stud locations. Required behind vertical joints.

5A. **Lead Batten Strips** — (Not Shown, for use with Item 4H) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-2011, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

6. **Lead Discs or Tabs** — (Not Shown, For Use With Item 4D) — Used in lieu of or in addition to the lead batten strips (Item 5) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4D) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-2011, Grade "C".

6A. **Lead Discs** — (Not Shown, for use with Item 4H) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-2011, Grades "B, C or D".

7. **Mineral and Fiber Board\*** — (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in. long Type 5 steel screws, spaced 12 in. OC. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.  
**HOMASOTE CO** — Homasote Type 440-32

7A. **Mineral and Fiber Board** — (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 4). Fiber boards installed with 1-1/4 in. long Type 5 steel screws spaced 12 in. OC, max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 4) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.  
**BLUE RIDGE FIBERBOARD INC** — SoundStop

8. **Furring Channels** — (Optional, Not Shown — not for use with Items 4D, 4H, 4J, or 4N) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws.

8A. **Framing Members\*** — (Optional on one or both sides, Not Shown — not for use with Items 4D, 4H, 4J, or 4N) — As an

Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-2011, Grade "C".  
**RADIATION PROTECTION PRODUCTS INC** — Type RPP - Lead Lined Drywall

4K. **Gypsum Board** — (As an alternate to Items 4 through 4J, not for use with Items 1C and 2C) — Two layers of nominal 15 mm thick gypsum board applied vertically. Inner layer attached to studs with No. 3.5 x 1-3/8 in. long bugle head, self-drilling screws spaced 23-5/8 in. OC in the field and 15-3/4 in. OC in the perimeter, with the first screw 2 in. from the edge. Outer layer attached to the studs over the inner layer with No. 3.5 x 1-3/4 in. long bugle head, self-drilling screws spaced 11-13/16 in. OC in the field and 7-7/8 in. OC in the perimeter, with the first screw 3/4 in. from the edge. Outer layer screws staggered from inner layer screws. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layer staggered one stud cavity. Self-adhesive fiberglass mesh (9x9 mesh) tape, nom 2 in. wide, applied over all joints of outer layer panels. Dry or premixed joint compound applied in two coats to joints over the mesh tape and screw heads of outer layer.  
**GYPSUMIA CO LLC** — Types MRFW, FW, TF

4L. **Gypsum Board\*** — (As an alternate to Items 4 through 4K) — Two layers of 5/8 in. thick gypsum board applied vertically or horizontally. Inner layer attached to studs with #6 x 1 in. long bugle head screws spaced 12 in. OC along the top and bottom tracks and 16 in. OC in the field and along the vertical edges. Outer layer attached to studs with #6 x 1-5/8 in. long bugle head screws spaced 12 in. OC along the top and bottom tracks and 16 in. OC in the field and along the vertical edges. Vertical joints are centered over studs and staggered between layers and on opposite sides of the wall. Horizontal joints on the face layer are staggered 12 in. from the base layer. Horizontal joints need not to be backed by steel framing.  
**CERTAINTED GYPSUM INC** — Types LGC2A, LGC6A, LGC-C/A, LGC-F-WD

4M. **Wall and Partition Facings and Accessories\*** — (As an alternate to Items 4 through 4L) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.  
**PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM** — Type QuietRock S27.

4N. **Gypsum Board\*** — (As an alternate to Item 4 through 4M) — For direct application to studs only - Four layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. When applied horizontally, base layer secured to studs with 1 in. Type 5 screws spaced 24 in. OC. Second layer installed with joints offset 12 in. from base layer and secured with 1 in. Type 5 screws spaced 24 in. OC. Third layer installed with joints in line with base layer and secured with 1-1/2 in. Type 5 screws spaced 16 in. OC. Fourth layer installed with joints in line with second layer and secured with 1-5/8 in. Type 5 screws spaced 12 in. OC. For all layers, screws offset 4 in. from previous layer. When applied vertically, base layer secured with 1 in. Type 5 screws spaced 24 in. OC. Second layer secured with joints offset one stud cavity and secured with 1 in. Type 5 screws spaced 24 in. OC. Third layer installed with joints in line with base layer and secured with 1-1/2 in. Type 5 screws spaced 12 in. OC. Fourth layer secured with joints in line with second layer and secured with 1-5/8 in. Type 5 screws spaced 8 in. OC along vertical edges and 12 in. OC in the field. For all layers, screws offset 4 in. from previous layer.  
**NATIONAL GYPSUM CO** — Type F5W

4O. **Gypsum Board\*** — (As an alternate to Items 4 through 4N) — Two layers of 5/8 in. thick gypsum board applied vertically or horizontally. Inner layer attached to studs with 1 in. long Type 5 screws spaced 16 in. OC in the field and vertical edges and along top and bottom tracks. Outer layer attached to studs with 1-5/8 in. long Type 5 screws spaced 16 in. OC in the field and vertical edges and along the top and bottom tracks. Vertical joints are centered over studs and staggered between layers and on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Horizontal edge joints and horizontal butt joints in adjacent layers need not be staggered.  
**NATIONAL GYPSUM CO** — Type F5LX

4P. **Wall and Partition Facings and Accessories\*** — (As an alternate to Item 4) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened with #6 x 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field.  
**PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM** — Type QuietRock S45

Drawing Title:

## UL Assembly Details

North

Scale

Issue Date Description

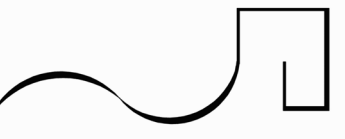
04.24.2024 Permit

No. Date Description

Project No. TB23-04

Sheet

# TA1.1b



Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

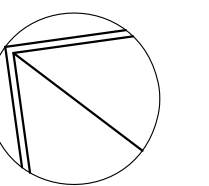
Contractor

Seal

Drawing Title:

**Construction Plan  
and Notes**

North



Scale

1/4"=1'-0"



Issue Date

Description

04.24.2024 Permit

No. Date Description

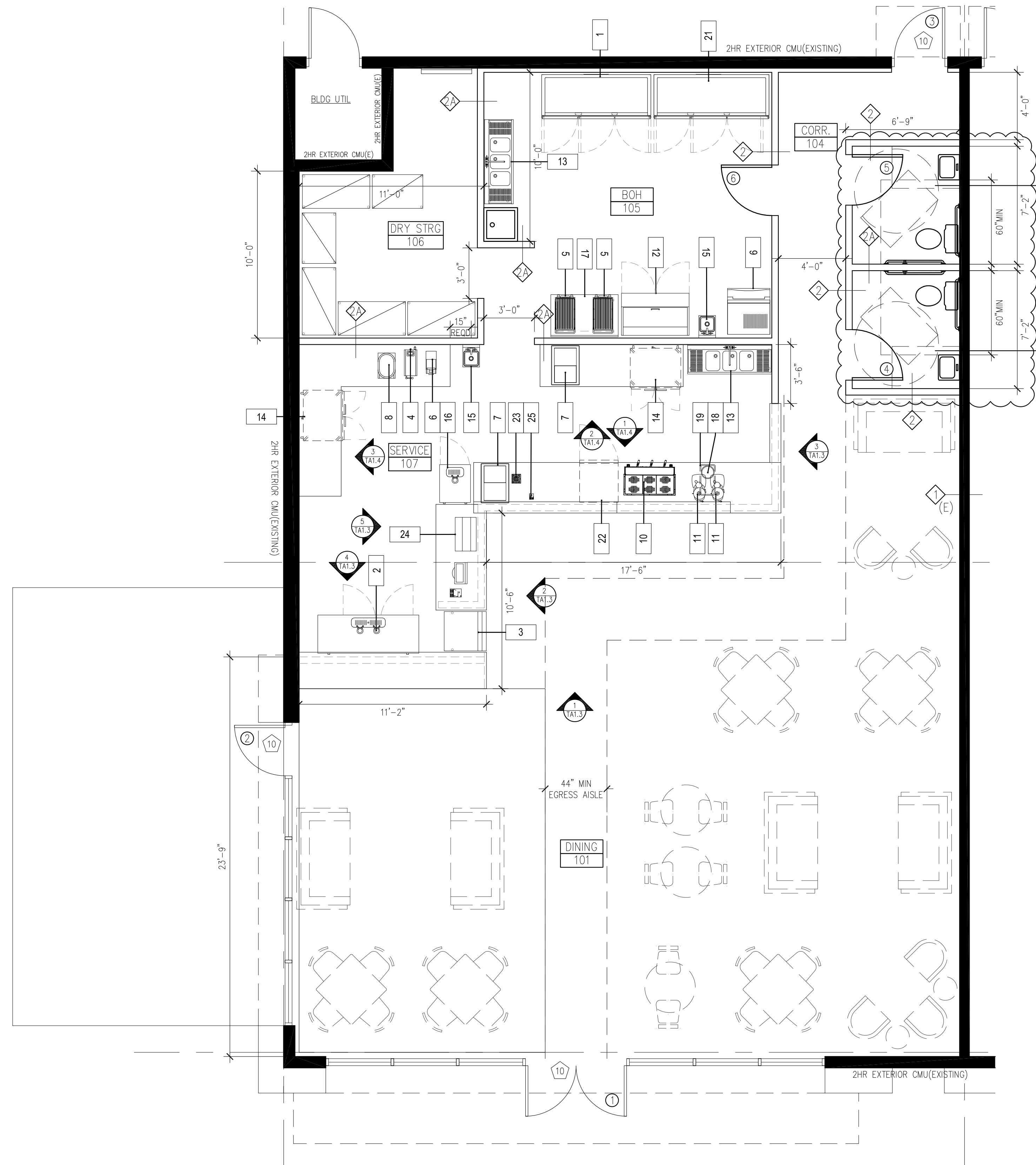
1 03.03.25 Inspection Rev

Project No. TB23-04

Sheet

**TA1.2**

copyright © Equitecture, PLLC 2023



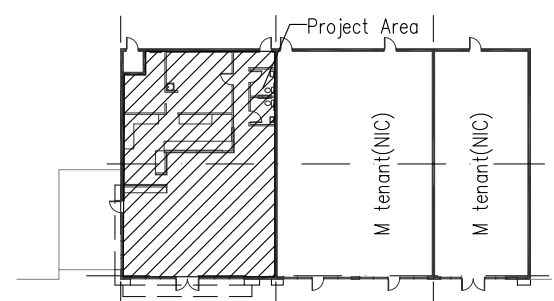
**CONSTRUCTION SYMBOLS**

- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION
- NEW PARTITION WITH WALL BLOCKING
- TENANT PROVIDED FURNISHINGS
- ALIGN NEW CONSTRUCTION WITH EXISTING ADJACENT
- FOODSERVICE EQUIPMENT TAG, EQUIPMENT TENANT PROVIDED GC INSTALLED

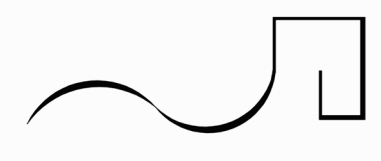
**CONSTRUCTION NOTES**

- 1 IF DIMENSIONS INDICATED AT PARTITION LAYOUT ARE NOT AVAILABLE NOTIFY ARCHITECT FOR INSTRUCTIONS.
- 2 AT LOCATIONS INDICATED ALIGN NEW PARTITION WITH EXISTING ADJACENT CONSTRUCTION.
- 3 PROVIDE BLOCKING IN PARTITIONS NOTED FOR CABINETS, COUNTERS, GRAB BARS, ACCESSORIES, EQUIPMENT, ETC. PER MANUFACTURER REQUIREMENTS.
- 4 CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF TENANT PROVIDED EQUIPMENT AND FURNISHINGS PRIOR TO PLACEMENT. IF THERE ARE VARIATIONS CAUSING DEFICIENT AISLE WIDTHS OR IF DIFFERING CONFIGURATIONS OCCUR, NOTIFY ARCHITECT IMMEDIATELY.
- 5 CONTRACTOR SHALL PROVIDE AS BUILT DRAWINGS, ALL FINAL INSPECTION CERTIFICATES, INCLUDING FIRE MARSHAL INSPECTIONS, AIR BALANCING REPORTS AND ANY OTHER REPORTS AS REQUIRED BY LANDLORD.
- 6 FOODSERVICE EQUIPMENT SHOWN SHALL BE PROVIDED BY OWNER AND SET IN PLACE BY CONTRACTOR. CONTRACTOR AND TRADE SUB CONTRACTORS SHALL BE RESPONSIBLE FOR ALL EQUIPMENT FINAL CONNECTIONS INCLUDING WIRING INTERCONNECTIONS, PLUMBING SUPPLY AND WASTE CONNECTIONS, ETC.
- 7 REFER TO TYPICAL ADA MOUNTING HEIGHTS ON SHEET TA1.1 FOR DIMENSIONAL AND CLEARANCE REQUIREMENTS.
- 8 CONTRACTOR SHALL FUR OUT INTERIOR FACE OF EXPOSED CMU AT EXTERIOR WALLS AS NECESSARY USING 3-5/8" LGMF 24"OC CARRYING NEW DRYWALL FINISH.
- 9 THE EXISTING GREASE SAN LINE AND UNDERGROUND GREASE TRAP OUTSIDE OF THE TENANT SPACE SHALL BE USED, CONNECT NEW LINES AS INDICATED ON PLUMBING PLANS.
- 10 THE EXISTING SUITE ENTRY DOORS ARE ADA COMPLIANT AND EQUIPPED WITH PANIC HARDWARE. NO CHANGES REQUIRED.
- 11 THE SLAB HAS BEEN LEFT OPEN AS LEVEL GRAVEL PIT OVER COMPACTED FILL FOR EASE OF FIRST TENANT BUILDOUT. CONTRACTOR SHALL BE RESPONSIBLE TO POUR NEW INFLLL SLAB, 6" THICK REINFORCED MIN 3,000PSF WITH W/M (MATCH EXISTING ADJACENT). DOWEL INTO ADJACENT SLAB WHERE APPLICABLE USING #5 BARS 24"OC WITH MIN 6" EMBED EACH WAY, FULLY GROUTED.

EQUIPMENT SCHEDULE					
TAG	QTY	CATEGORY	MFR	MODEL	EQUIPMENT REMARKS
1	1	3 Section Reach-In Freezer	Atosa USA, Inc.	MBF8003GR	
2	1	72" Draft Beer Cooler	Atosa USA, Inc.	UDD-60-HC	
3	1	Grab n Go Merchandiser	Avantco	WMAC-26HC	
4	1	Coffee Brewer	BUNN	23001.0017	
5	2	Rapid Cook Oven	Merrychef	CONNEX 12	
6	1	Coffee Grinder	Prima	KR1203	
7	1	Drop-In Ice Bin	Advance Tabco	D-30-IBL	
8	1	Ice Shaver/Blender	Kerry FS	SB2100	
9	1	Ice Maker w/Bin	Atosa	YR450-AP-1611CYR400P	
10	1	Espresso Cappuccino Machine	F&O	LINEA CLASSIC S 3 AV	
11	2	Espresso Grinder	F&O	MAJOR V/E	
12	1	48" Sandwich Preparation Refrigerator	Atosa USA, Inc.	MSF8303GR	
13	2	3 Comp Underbar Sink	Regent	600B32160213	
14	2	Undercounter Refrigerator (2 door)	Atosa USA, Inc.	MGF36RGR	
15	2	Hand Sink w/Faucet	Advance Tabco	7-PS-22	Wall Mtd w/Sidesplashes
16	1	24" Draft Beer Cooler	Atosa	MKC23GR	
17	1	Work Table, Stainless Steel Top	Advance Tabco	TKMS-304	
18	1	Trash Chute	Dispense-Rite	TCD-3-NB	
19	1	Trash Receptacle	Rubbermaid	1956187	
20	-	spare	spare	spare	
21	1	3 Section Reach-In Refrigerator	Atosa USA, Inc.	MBF8006GR	
22	1	Undercounter Refrigerator (1 door)	Atosa USA, Inc.	MGF8401GR	
23	1	Glass Rinsers	Advance Tabco	SU-16	Countertop Mounted
24	1	Countertop Pastry Display	Vollrath	ELBC-2	
25	1	Sticky Label Printer	By Owner	By Owner	



**KEY PLAN**  
SCALE: 1"=50'-0"



Equitecture, PLLC  
 730 N Disston Ave  
 Tarpon Springs, FL 34689  
 tel 703.638.5289

Project  
 Interior Remodel for New Tenant  
**The Blend**  
 At Fishhawk Commons  
 5640 Circa Fishhawk Blvd  
 Lithia Florida 33547

Contractor

Seal

Drawing Title:

**Interior Elevations and Details**

North

Scale

As Noted

Issue Date Description

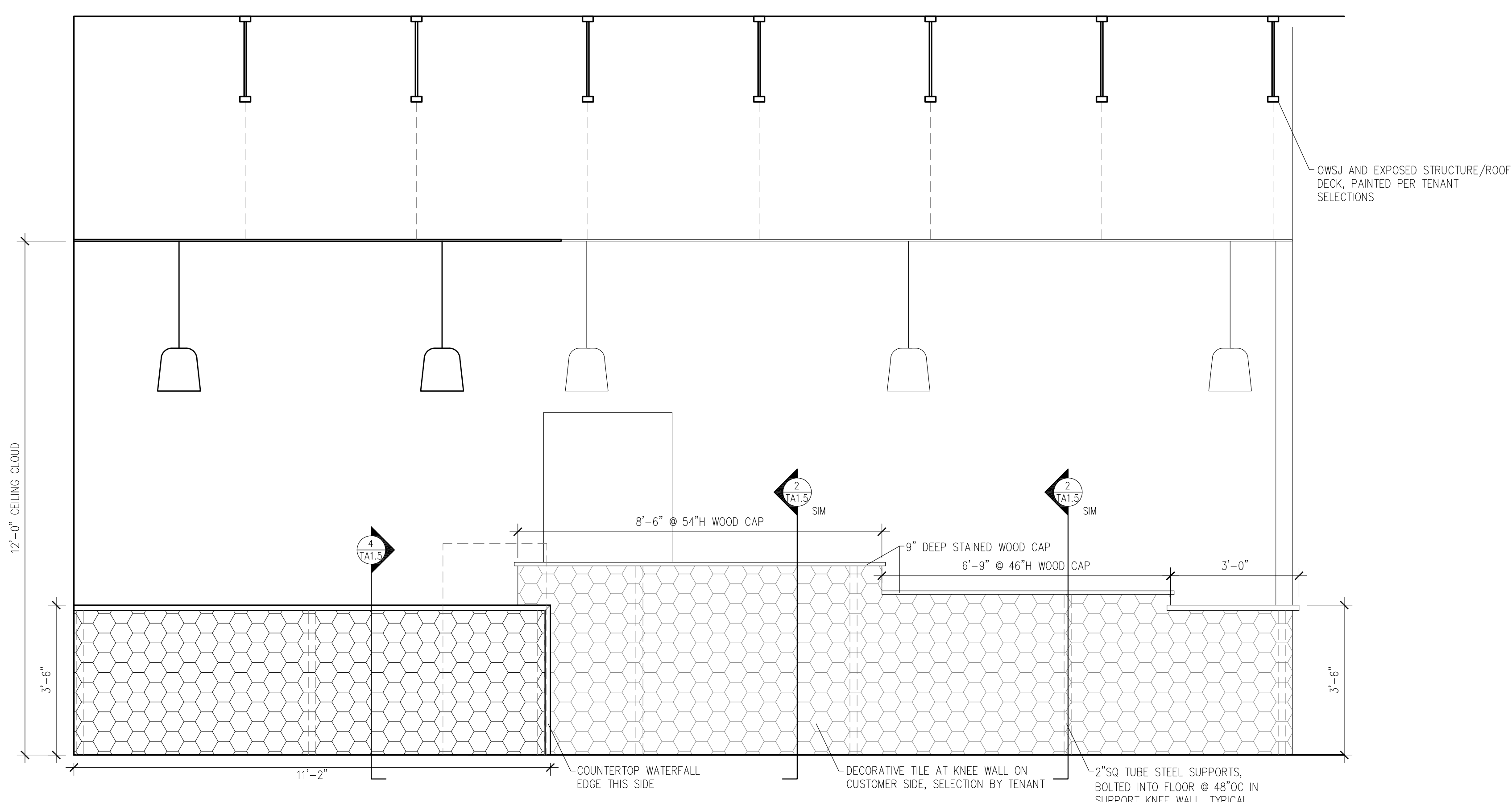
04.24.2024 Permit  
 No. Date Description

Project No. TB23-04

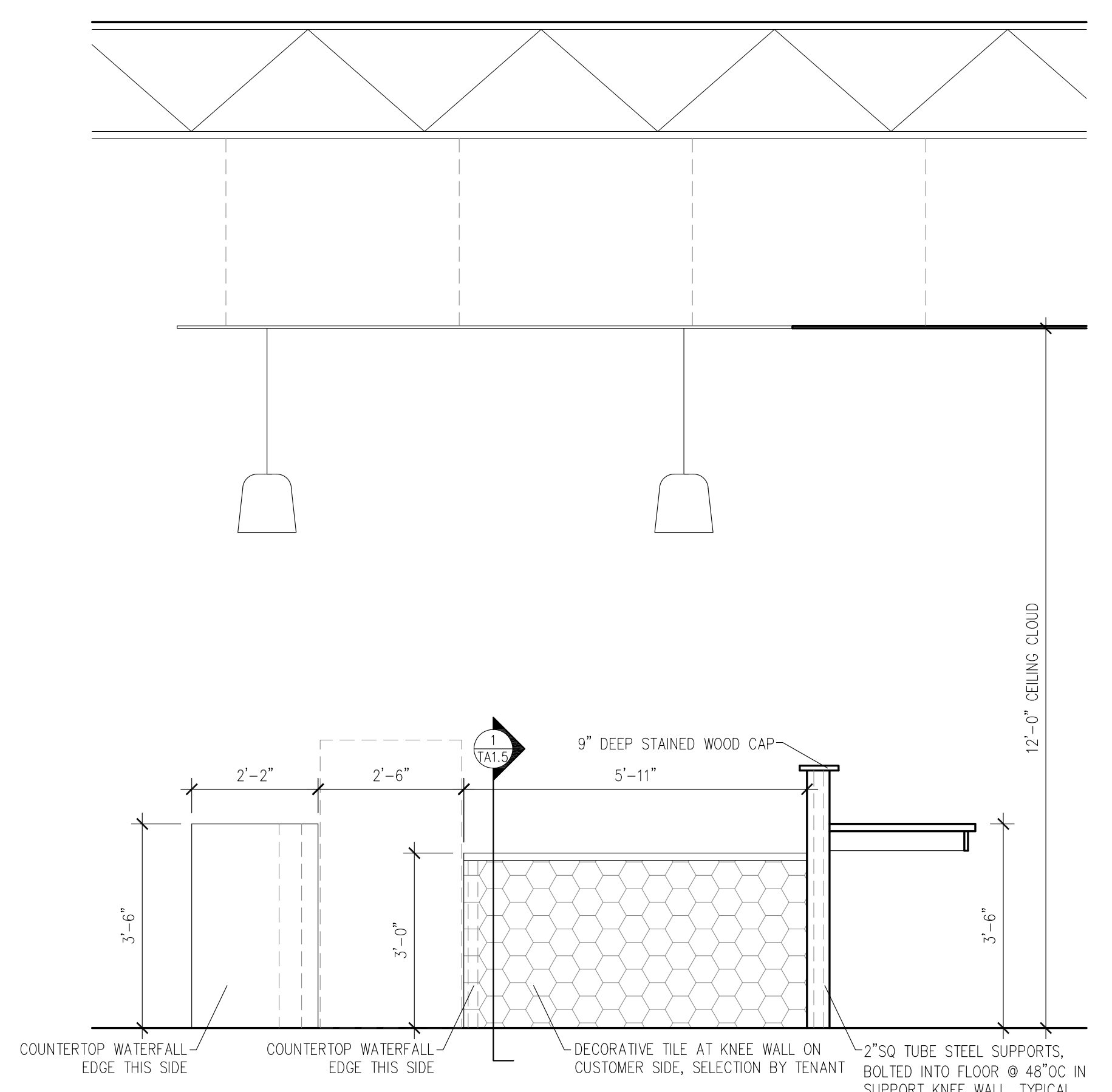
Sheet

**TA1.3**

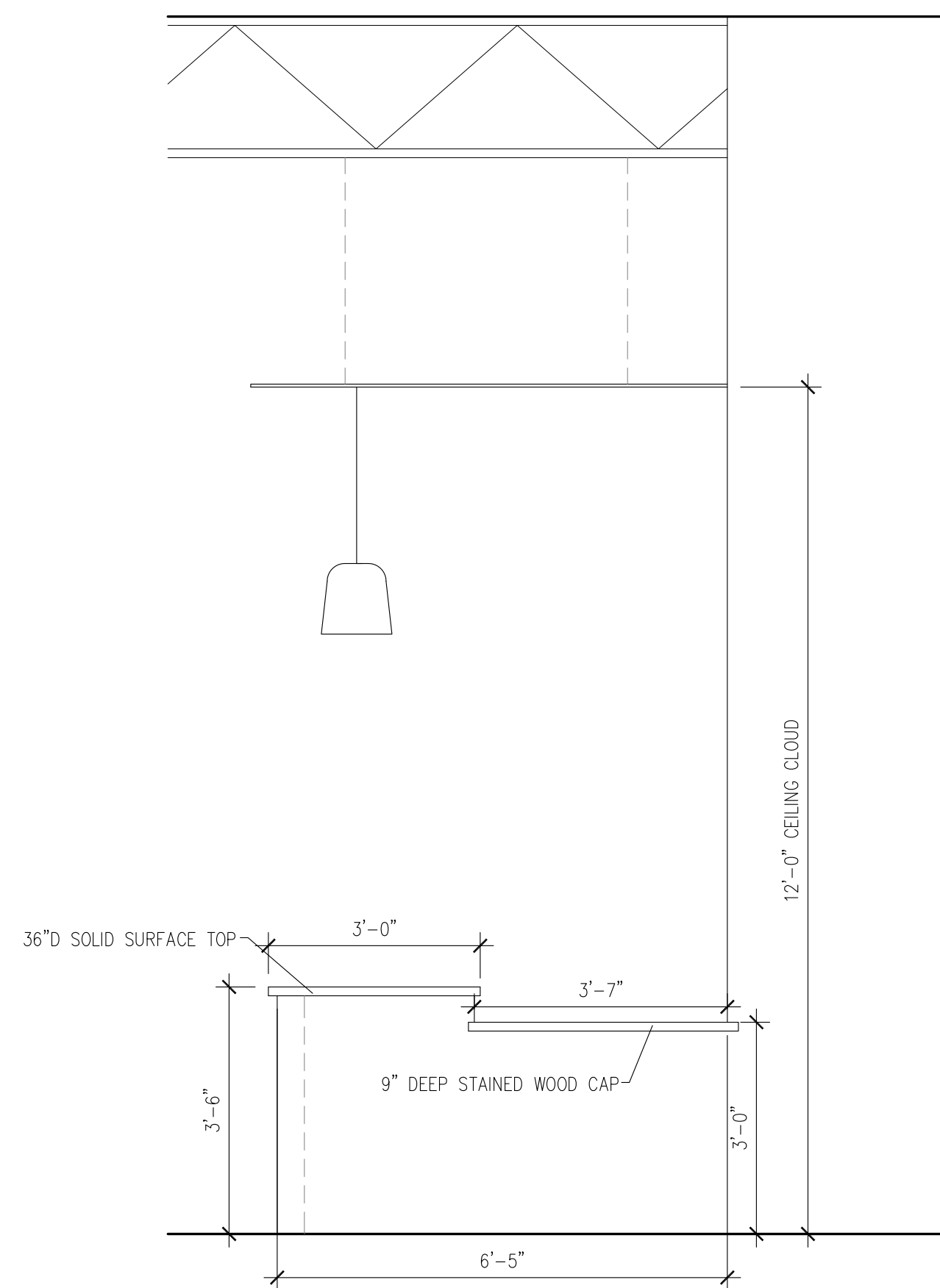
copyright © Equitecture, PLLC 2023



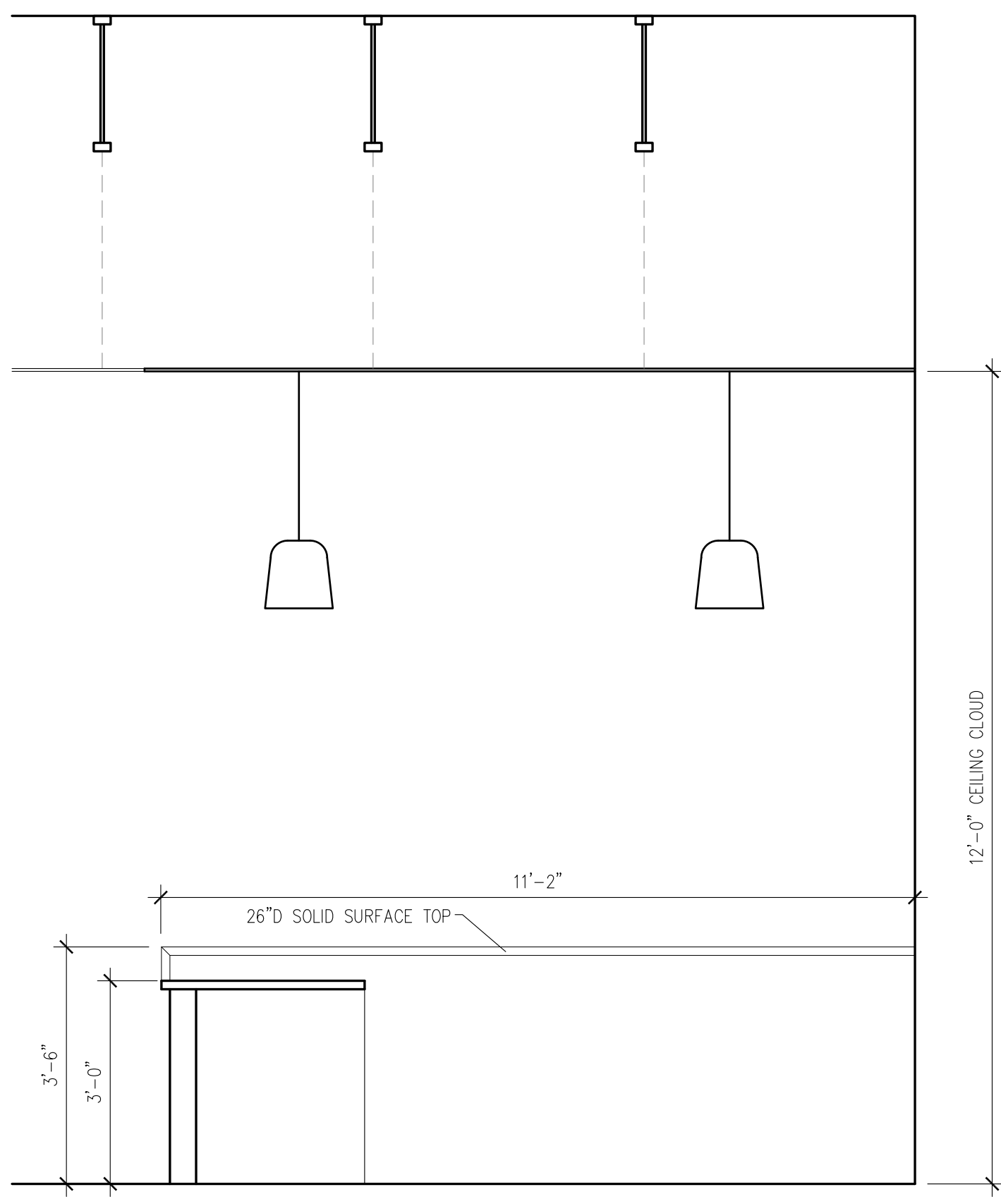
① Elevation at Front Service Counter - Customer Side  
 1/2"=1'-0"



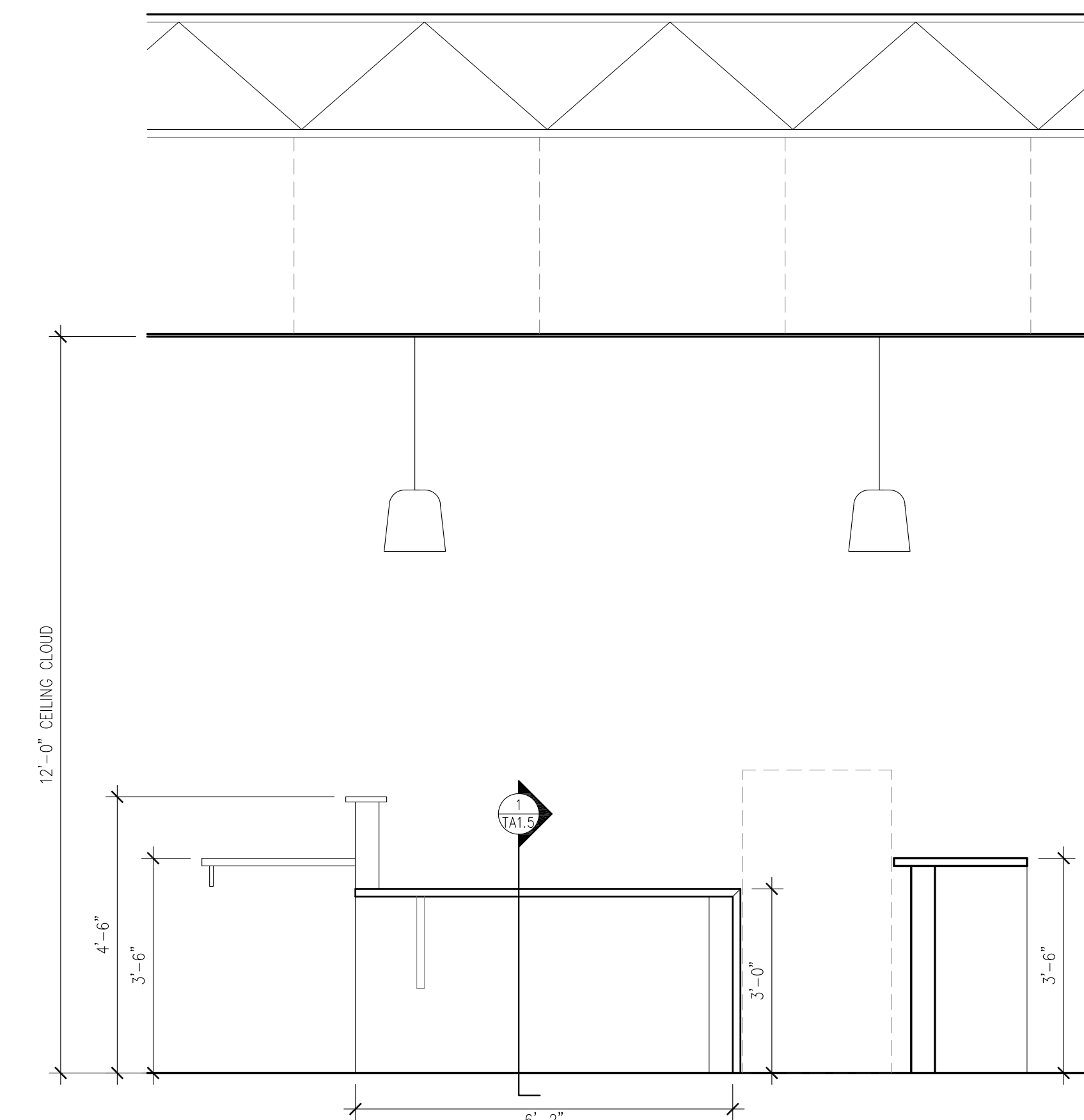
② Elevation at Front Service Counter, Check In  
 1/2"=1'-0"



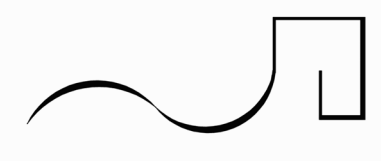
③ Elevation at Hand-Off, Customer Side  
 1/2"=1'-0"



④ Elevation at Front Service Counter - Service Side  
 1/2"=1'-0"



⑤ Elevation at Front Service Counter - Service Side  
 1/2"=1'-0"



Equitecture, PLLC  
 730 N Disston Ave  
 Tarpon Springs, FL 34689  
 tel 703.638.5289

Project  
 Interior Remodel for New Tenant  
**The Blend**  
 At Fishhawk Commons  
 5640 Circa Fishhawk Blvd  
 Lithia Florida 33547

Contractor

Seal

Drawing Title:

**Interior Elevations and  
 Details**

North

Scale

As Noted

Issue Date Description

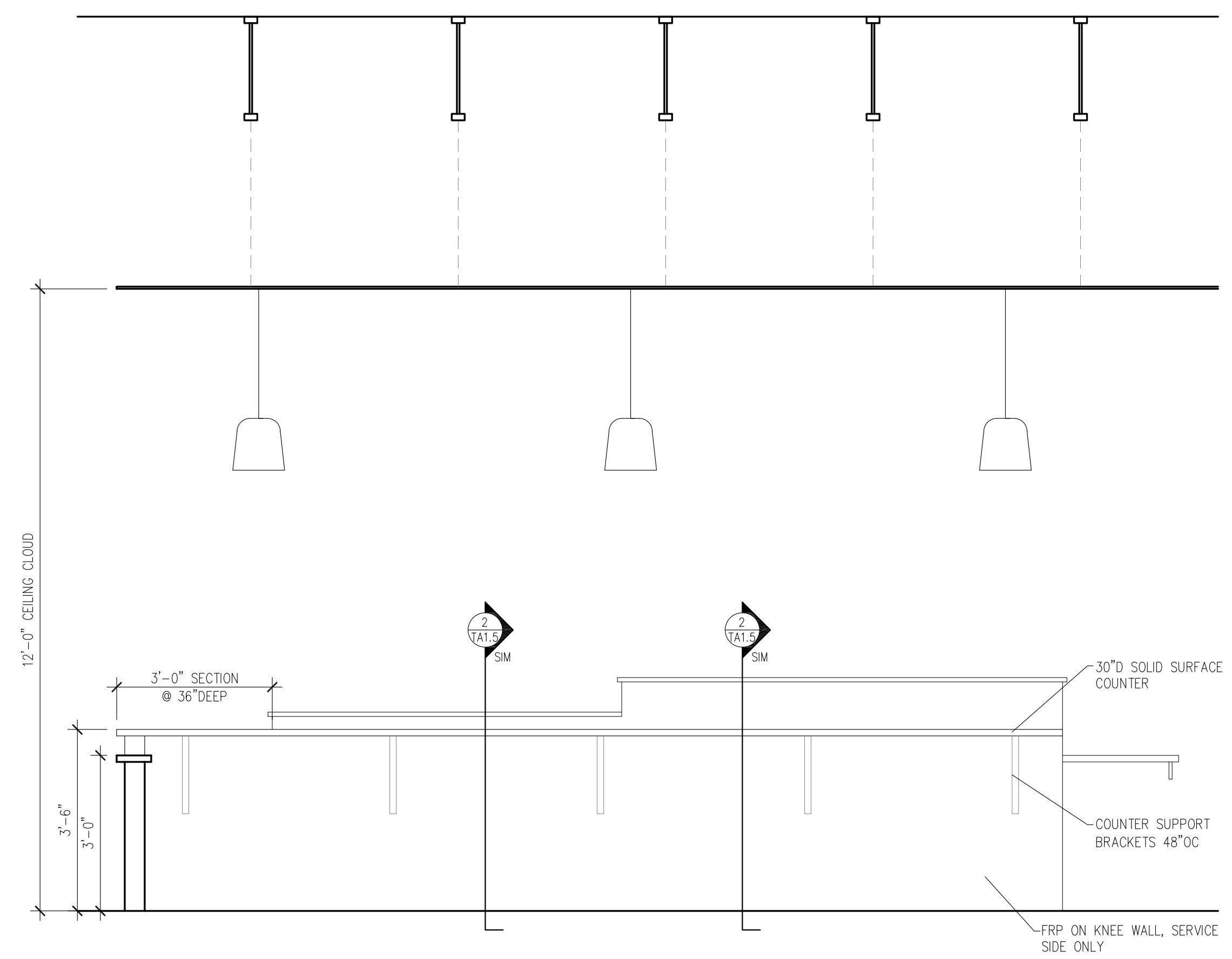
04.24.2024 Permit  
 No. Date Description

Project No. TB23-04

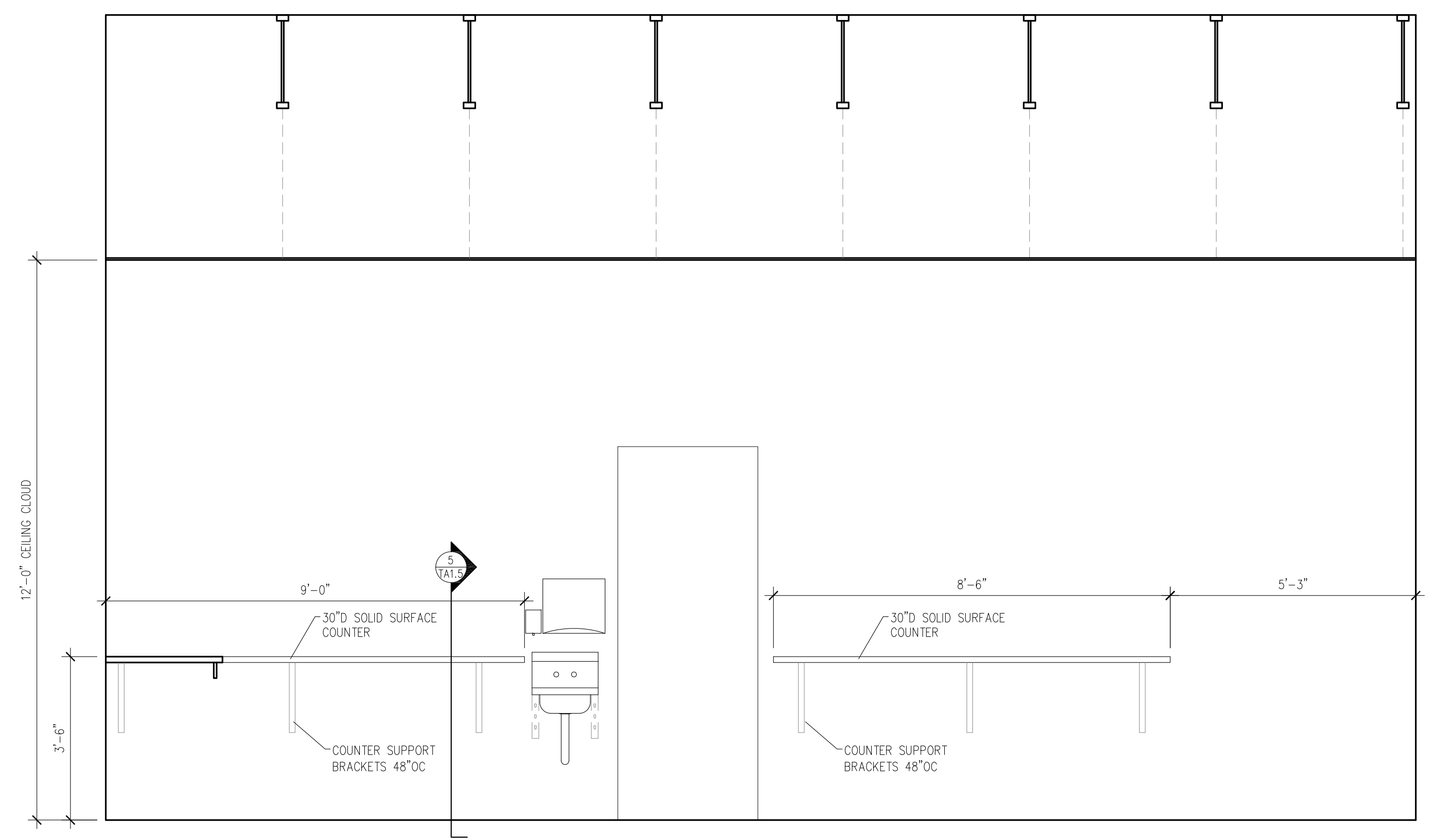
Sheet

**TA1.4**

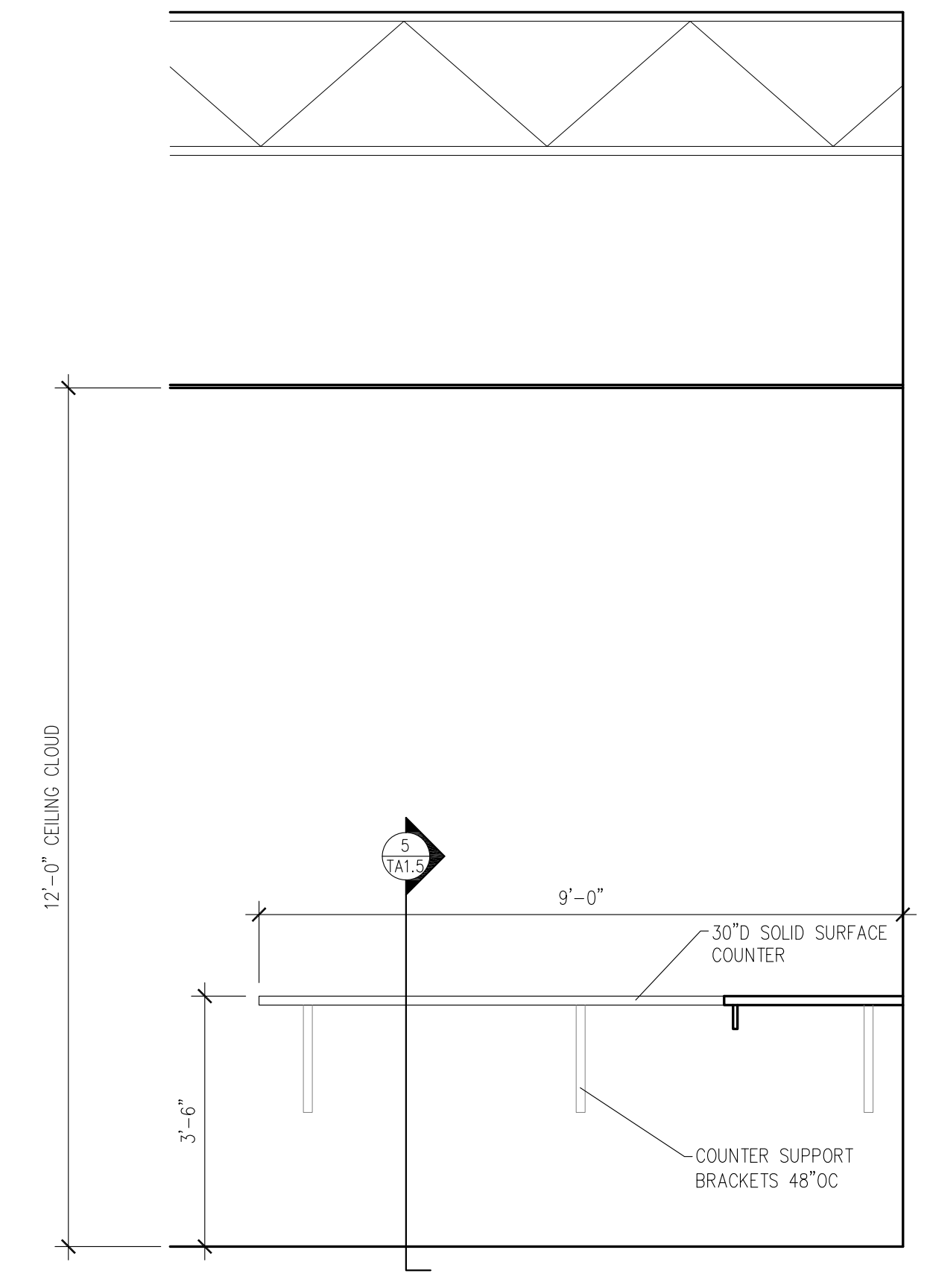
copyright © Equitecture, PLLC 2023



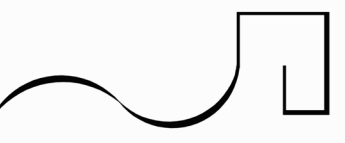
① Elevation at Front Service Counter - Service Side  
 1/2"=1'-0"



② Elevation at Back Counter  
 1/2"=1'-0"



③ Elevation at Back Counter  
 1/2"=1'-0"



Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

Contractor

Seal

Drawing Title:

**Interior Elevations and  
Details**

North

Scale

As Noted

Issue Date Description

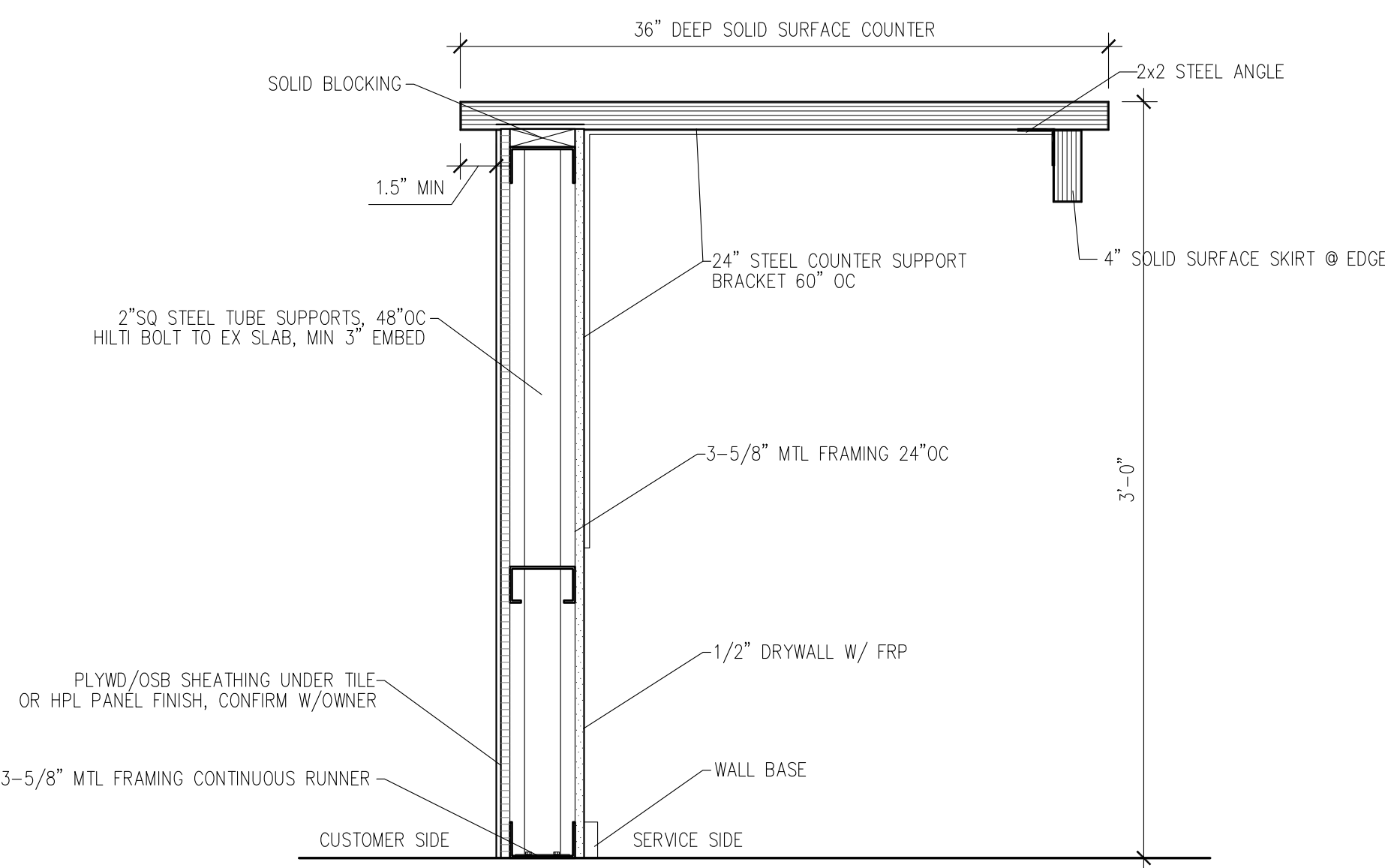
No.	Date	Description
04.24.2024	Permit	

Project No. TB23-04

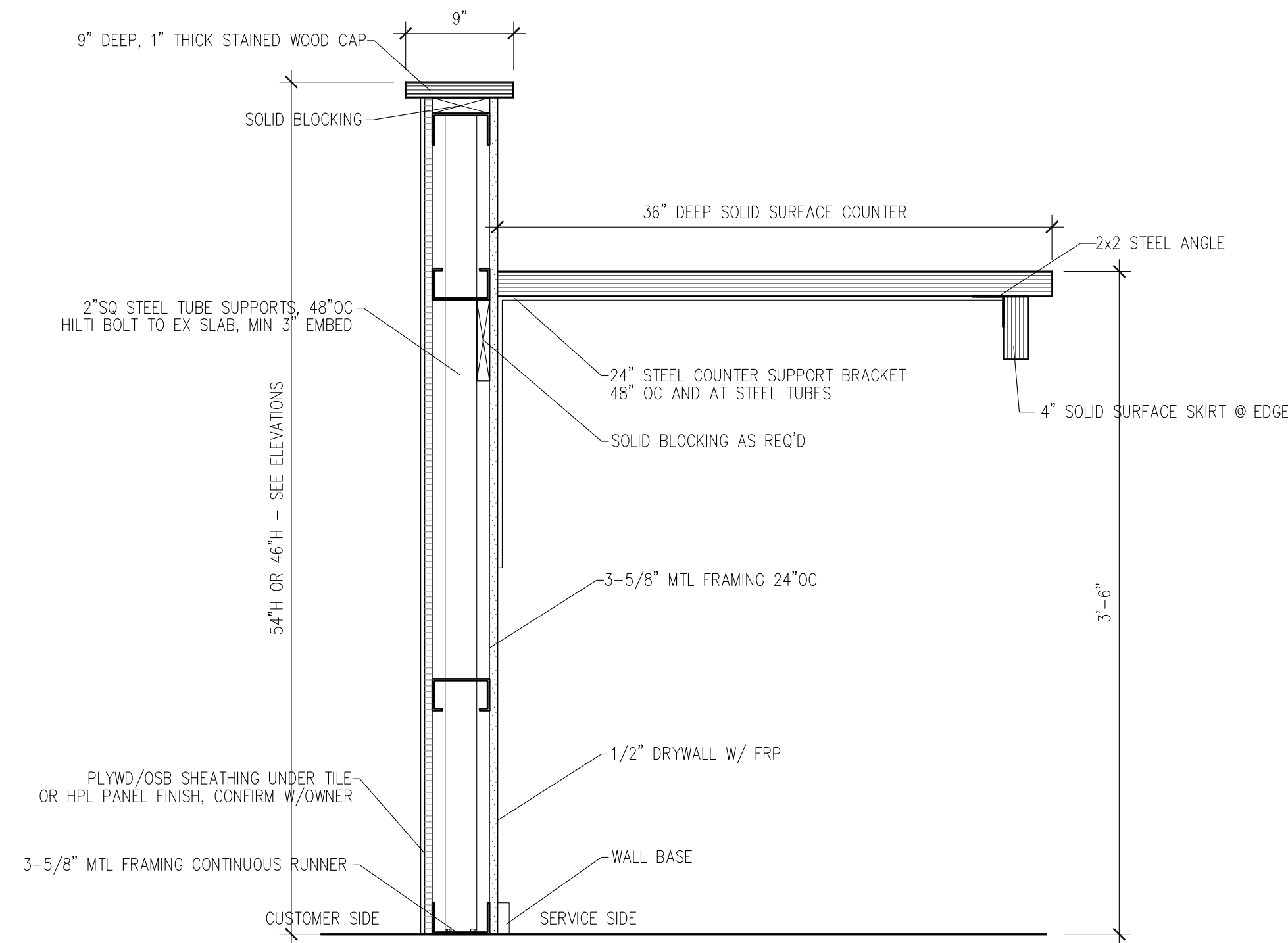
Sheet

**TA1.5**

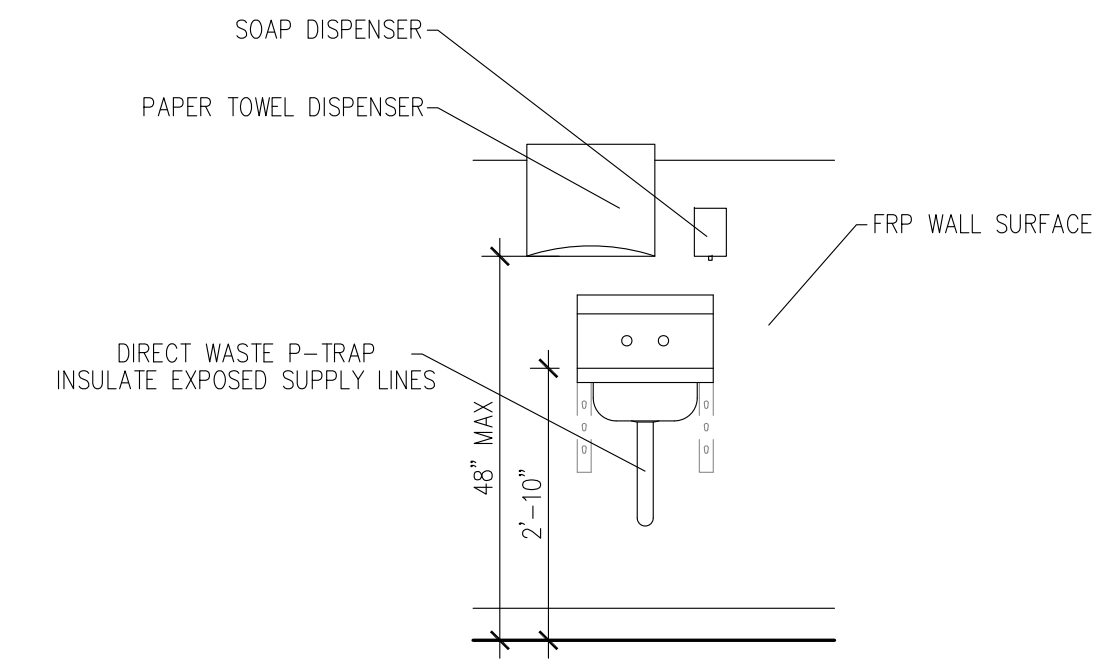
copyright © Equitecture, PLLC 2023



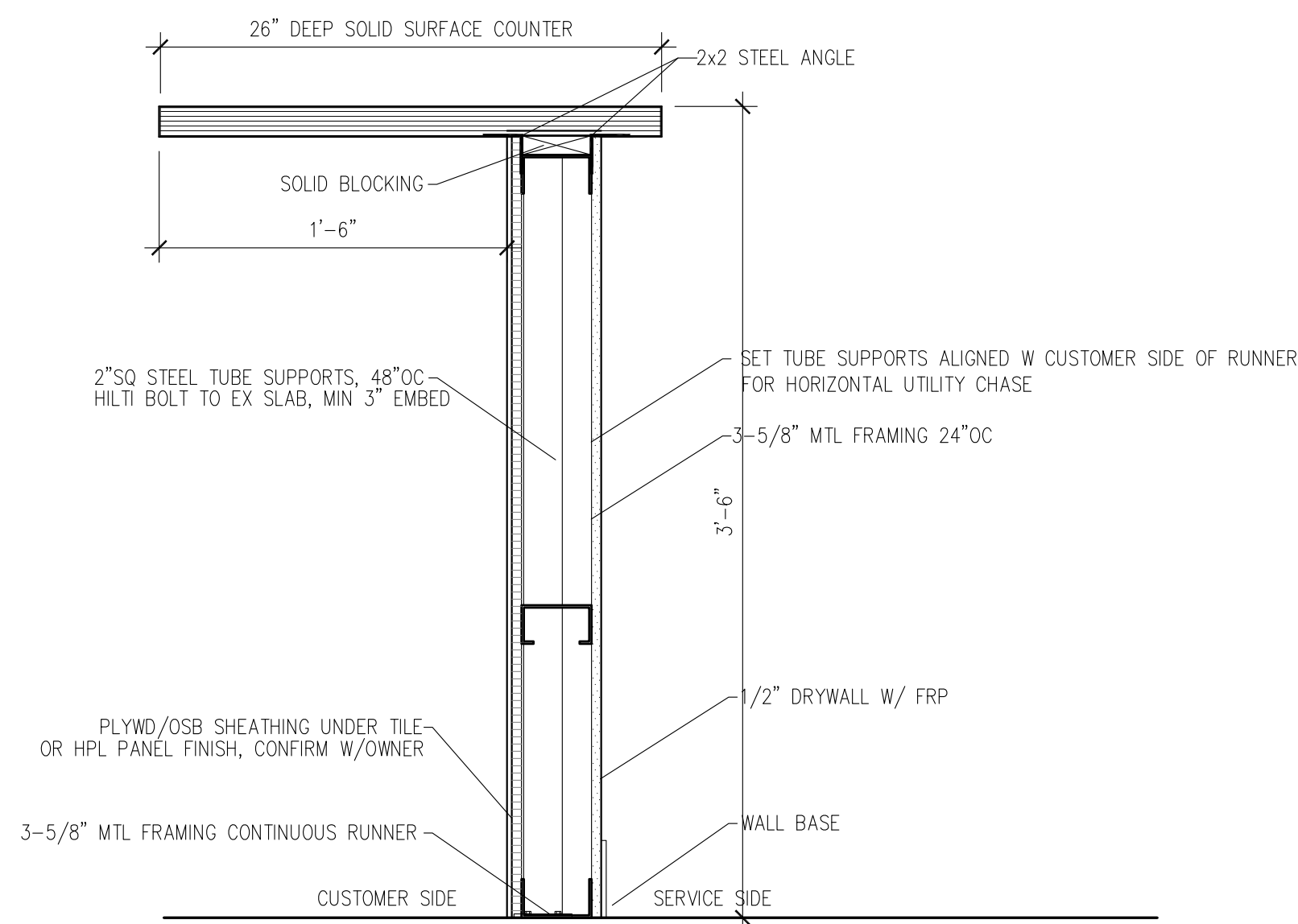
1 Section Detail - ADA Counter Height (Side Approach)  
1-1/2"=1'-0"



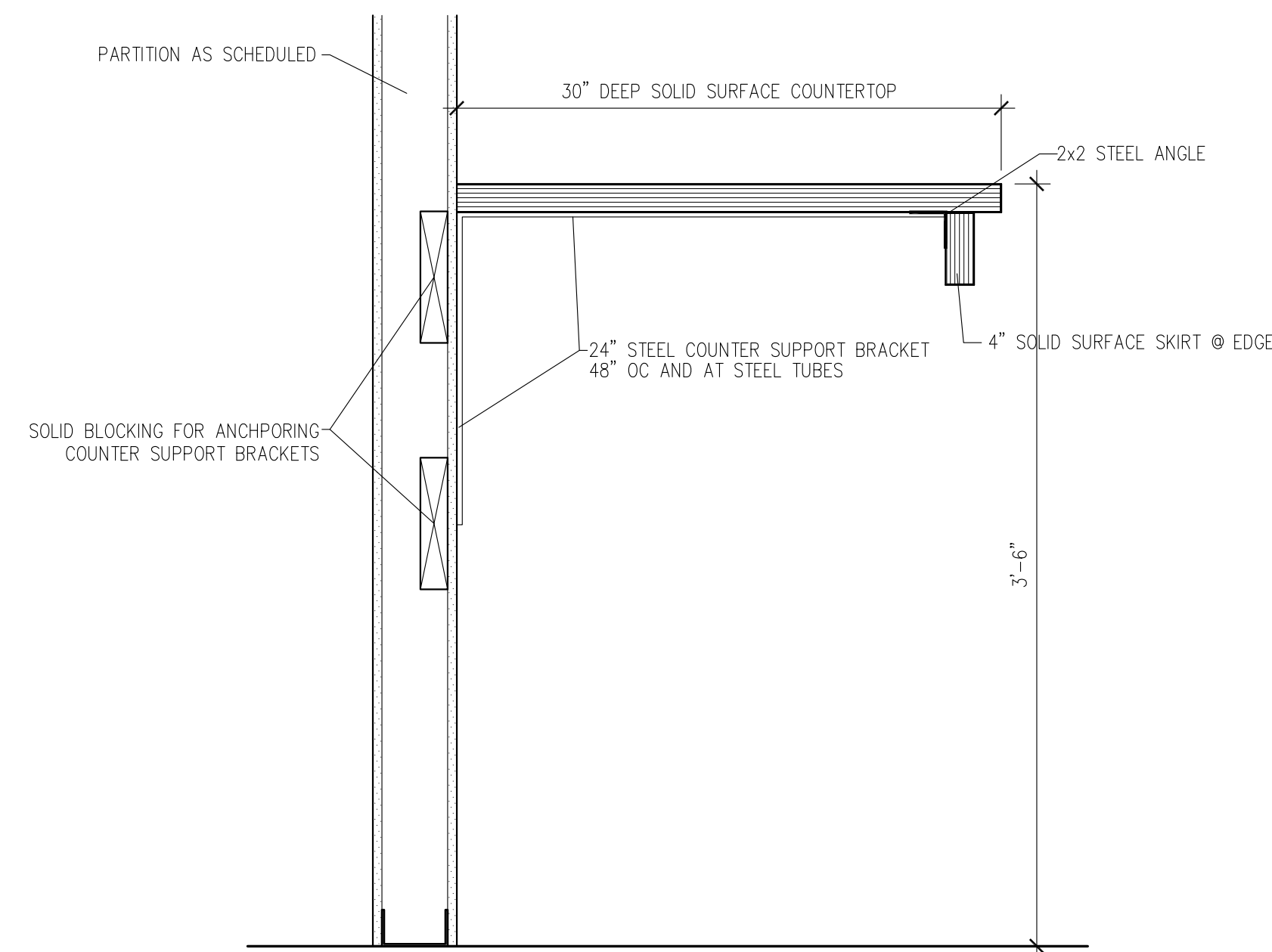
2 Section Detail - Work Counter With Wall & Cap  
1-1/2"=1'-0"



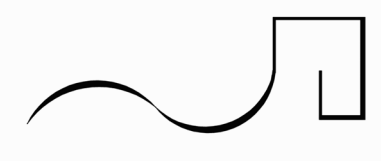
3 Typical Elevation At Hand Sink  
1/2"=1'-0"



4 Section Detail - 42"H Counter  
1-1/2"=1'-0"



5 Section Detail - Back Work Counter  
1-1/2"=1'-0"



Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project  
**Interior Remodel for New Tenant**  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

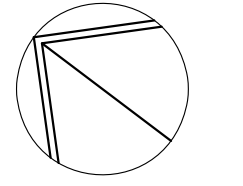
Contractor

Seal

Drawing Title:

**Mechanical Plan and Notes**

North



Scale

1/4"=1'-0"



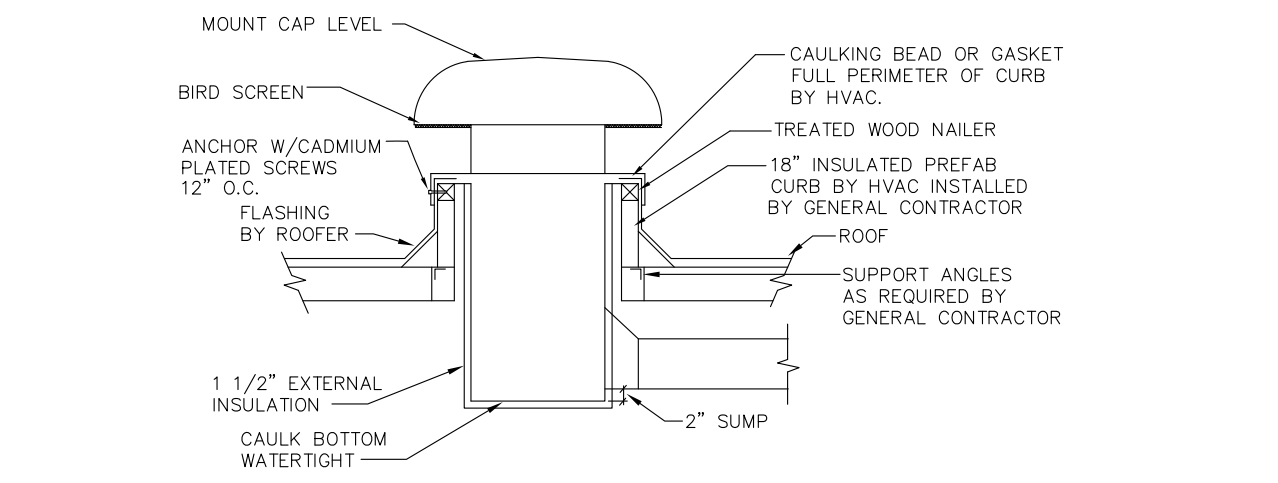
Issue Date Description

04.24.2024 Permit  
No. Date Description

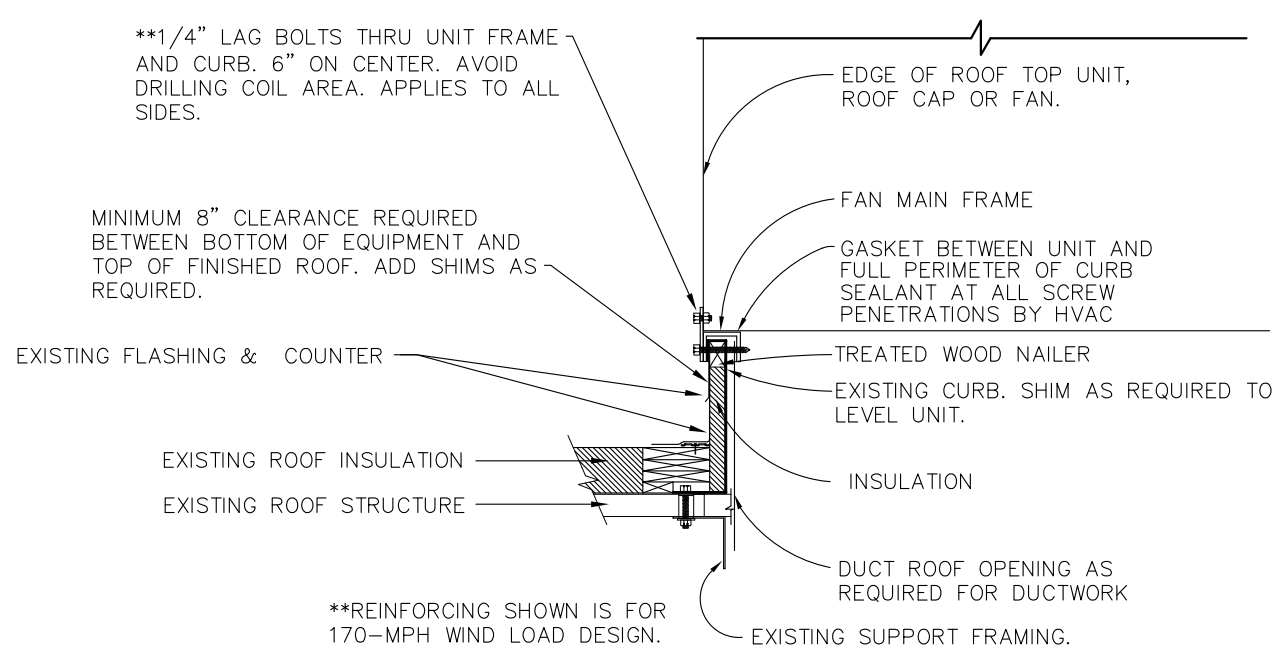
Project No. TB23-04

Sheet

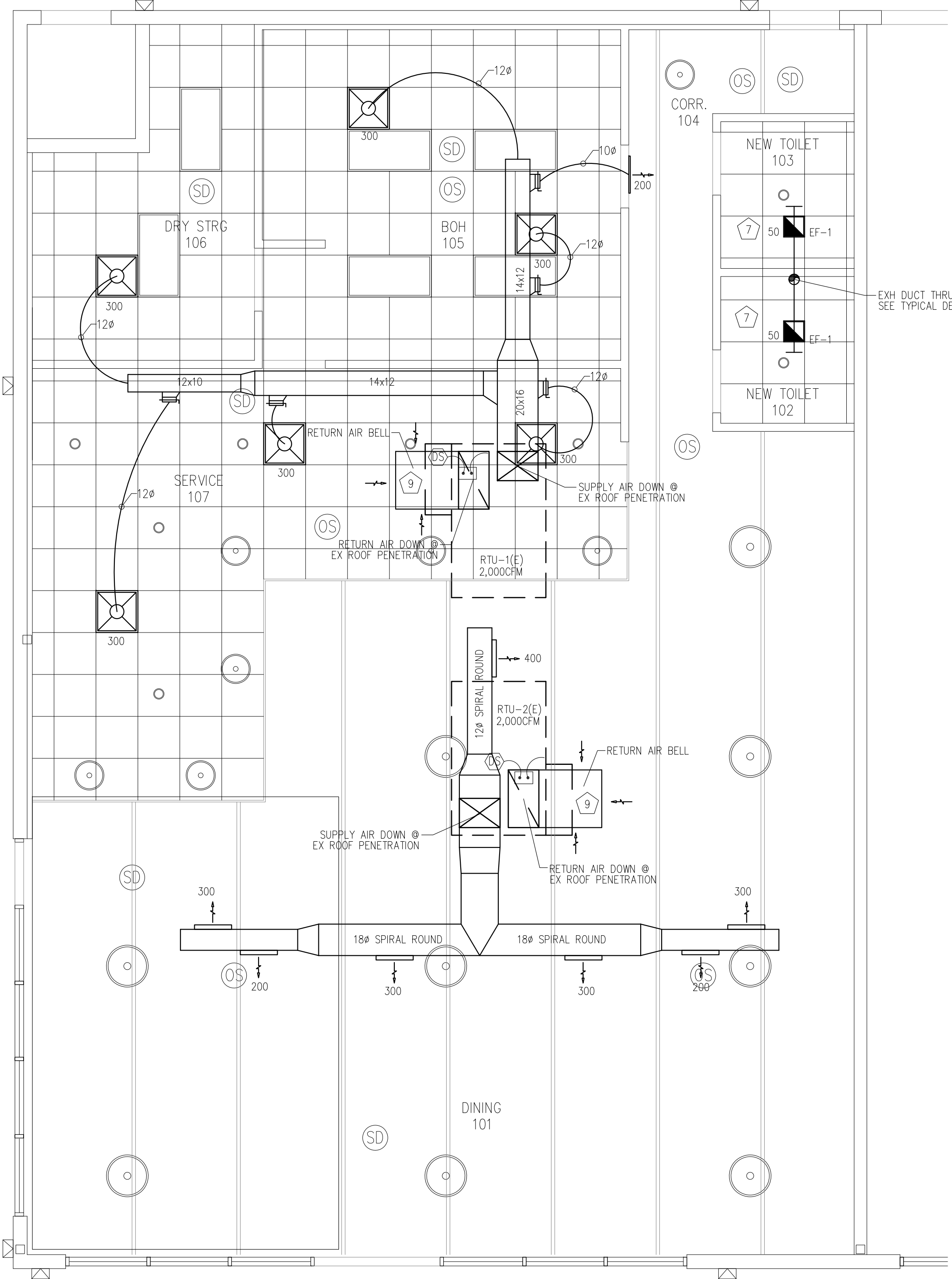
**TM1.1**



**ROOF CAP DETAIL**  
NO SCALE



**ROOF CURB DETAIL**  
NOT TO SCALE



**MECHANICAL SYMBOLS**

- NEW METAL DUCTWORK
- EXISTING METAL DUCTWORK
- VOLUME DAMPER AT DUCT CONNECTION FLEXDUCT RUNOUT
- SQUARE FACE FLUSH CEILING SUPPLY DIFFUSER NO. = DESIGN CFM
- SQUARE FACE FLUSH CEILING RETURN GRILLE
- RECTANGLE SUPPLY DIFFUSER SPIRAL DUCT ATTACHED WITH ADJUSTABLE LOUVERS, FLOW DAMPER BASIS OF DESIGN: METALAIR 6600SP ALUMINUM SERIES
- THERMOSTAT - MOUNT AT 48" AFF
- EQUIPMENT CONNECTION
- POINT OF NEW CONNECTION
- CEILING EXHAUST FAN EXISTING UNLESS OTHERWISE NOTED
- DUCT SMOKE DETECTOR WITH REMOTE/ VISUAL MONITORING PANEL (E)=EXISTING

**MECHANICAL NOTES**

- 1 MECHANICAL CONTRACTOR SHALL PROVIDE COMPUTER BASED ENERGY CODE CALCULATIONS FOR COMPLIANCE PER 2020 FL ENERGY CODE C407.3.
- 2 ALL DUCTWORK MATERIAL, COMPONENTS AND INSTALLATION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES AND ORDINANCES. REFER TO SMACNA STANDARDS FOR REQUIRED GAUGES OF MATERIAL AND DUCTWORK BRACING.
- 3 CONTRACTOR SHALL VERIFY WORKING ORDER OF THE EXISTING 10 TON RTU-1 LOCATED ON ROOF. SET AT MIN 8% OUTSIDE AIR. VERIFY WORKING ORDER OF ALL COMPONENTS, FANS, SWITCHES AND MOTORS AND CONNECT NEW DUCTWORK AS SHOWN. BALANCE TO AIR QUANTITIES SHOWN. PROVIDE INDEPENDENT CERTIFIED AIR BALANCING REPORT.
- 4 CONTRACTOR SHALL INSTALL EXISTING UNIT THERMOSTAT AT LOCATION INDICATED. ALL CONTROL WIRING SHALL BE PLENUM RATED CABLING OR ROUTED WITHIN CONDUIT AS REQUIRED BY CODE.
- 5 CONTRACTOR SHALL INSTALL ALL MATERIALS NECESSARY WITHIN THE DEMISED PREMISES THAT ARE COMPATIBLE WITH THE EXISTING MECHANICAL AND ELECTRICAL COMPONENTS WITHIN THE DEMISED PREMISES.
- 6 FLEX DUCT SHALL BE FLEXMASTER TYPE 8, UL LISTS 181 CLASS 1" WITH 1-1/2" EXTERNAL INSULATION, OR EQUAL. FLEX DUCT RUNS SHALL BE LIMITED TO 12' TOTAL LENGTH. FOR DIFFUSER CONNECTIONS IN EXPOSED CEILING AREAS, USE HARD DUCT IN LIEU OF FLEX.
- 7 NEW EXHAUST FANS SHALL EXHAUST THROUGH THE ROOF VIA ROOF CAP. SEE DETAIL. INTERLOCK NEW FAN TO LIGHT SWITCH. BASIS OF DESIGN GREENHECK SP-B110.
- 8 EXPOSED DUCTWORK SHALL BE SPIRAL ROUND, TYPICAL, AND PAINTED PER OWNER SELECTIONS. INSTALL TIGHT TO BOTTOM JOIST CHORD. DIFFUSERS SHALL BE LINEAR UNITS DIRECTLY MOUNTED TO DUCTWORK WITH ANGLED VANES POINT DOWNWARD, SIZED PER CFM VALUES SHOWN. MECHANICAL SUBCONTRACTOR IS RESPONSIBLE FOR VERIFYING DIFFUSER AND DUCTWORK SIZES FOR THE CFM CAPACITIES SHOWN ARE COMPATIBLE WITH PRESSURE OF SYSTEM AND COMPONENTS.
- 9 EXTEND THE EXISTING RETURN DUCT THRU ROOF DOWN TO 12'-0" AFF AND PROVIDE LOUVERED RETURN GRILLE, 18x34/VERIFY EX DUCT SIZE.

**SEQUENCE OF OPERATIONS:**

UNIT SHALL CEASE OPERATION UPON DETECTION OF SMOKE.

**RTU-1 AND RTU-2:**

UNIT SHALL BE CONTROLLED BY ITS ELECTRONIC 7-DAY PROGRAMMABLE T-STAT. UNIT SUPPLY FAN SHALL RUN CONTINUOUSLY IN THE OCCUPIED MODE WITH O.A. DAMPER OPEN, CYCLE WITH HEATING AND COOLING WHILE UNOCCUPIED WITH O.A. DAMPER CLOSED. UPON A RISE IN SPACE TEMPERATURE, UNIT COMPRESSOR AND CONDENSER FANS SHALL ACTIVATE IN STAGE TO SATISFY SPACE. UPON A DROP IN SPACE TEMPERATURE, ELECTRIC HEATER SHALL BE ACTIVATED IN STAGE TO SATISFY SPACE TEMPERATURE. OCCUPANCY SCHEDULE SHALL BE SET OCCUPIED/UNOCCUPIED BASED ON TENANT SPECIFIC REQUIREMENTS. THERMOSTAT SHALL BE SET FOR OCCUPIED COOLING 75; OCCUPIED HEATING 70; UNOCCUPIED COOLING 80; UNOCCUPIED HEATING 60; ALL TIME AND TEMPERATURE SETPOINTS SHALL BE VERIFY BY LANDLORD AND TENANT PRIOR TO PROGRAMMING. THERMOSTAT SHALL BE PROGRAMMED BY MECHANICAL CONTRACTOR IN THE PRESENCE OF TENANT'S REPRESENTATIVE.

Date: April 23, 2024	2000 CFM TOTAL
Unit Designation: RTU-1 (Existing)	156 OA req'd / 200cfm max

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Room Number	Description	Area (ft²) (Az)	Area Outdoor Air Rate per VMC Table 403.3 (Ra)	Area Outdoor Air (RaAz)	Occupant Load Rate per VMC Table 403.3 (People/1000 ft²)	Occupancy C x Ft/1000 (Pz)	Occupant Outdoor Air Rate per VMC Table 403.3 (Rp)	Occupant Outdoor Air (RpPz)	Breathing Zone Outdoor Air (Vbz = RpPz + RaAz)	Zone Air Distribution Effectiveness (Ez)	Zone Outdoor Air (Voz = Vbz / Ez)	Supply Air Design (Vpz)	Secondary Recirculated Air	Outdoor Air Fraction (Zp = Voz / Vpz)
104	CORRIDOR	107	0.06	6	0	0	0	0	6	0.8	8	200	0	0.040
105	KITCHEN	289	0.12	32	20	6	7.5	45	77	0.8	97	600	0	0.162
106	STORAGE	135	0.12	16	0	0	0	0	16	0.8	20	300	0	0.057
107	KITCHEN	401	0.12	48	20	9	7.5	67.5	115.5	0.8	145	300	0	0.483
Totals		912		102		15		112.5	214.5		270	1400	0	0.483

2009 OA Version 6.0 A-1 Option - FFX - REG - 3/15/10

Occupant Diversity  
D = Ps/Σall zones Pz

Total Required Outdoor Air  
**153**

Do not utilize Occupant Diversity without specific approval from the Authority Having Jurisdiction

Uncorrected O.A.  
Vou = D Σall zones RpPz + Σall zones RaAz

System Population (Ps)  
**102**

Percentage of Outdoor Air  
**11%**

Method  
**IMC Chart**

Date: April 23, 2024	2000 CFM TOTAL
Unit Designation: RTU-2 (Existing)	185 OA req'd / 200cfm max

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Room Number	Description	Area (ft²) (Az)	Area Outdoor Air Rate per VMC Table 403.3 (Ra)	Area Outdoor Air (RaAz)	Occupant Load Rate per VMC Table 403.3 (People/1000 ft²)	Occupancy C x Ft/1000 (Pz)	Occupant Outdoor Air Rate per VMC Table 403.3 (Rp)	Occupant Outdoor Air (RpPz)	Breathing Zone Outdoor Air (Vbz = RpPz + RaAz)	Zone Air Distribution Effectiveness (Ez)	Zone Outdoor Air (Voz = Vbz / Ez)	Supply Air Design (Vpz)	Secondary Recirculated Air	Outdoor Air Fraction (Zp = Voz / Vpz)
104	dining	811	0.18	146	70	57	7.5	427.5	573.5	0.8	717	2000	0	0.358
Totals		811		146		57		427.5	573.5		717	2000	0	0.358

2009 OA Version 6.0 A-1 Option - FFX - REG - 3/15/10

Occupant Diversity  
D = Ps/Σall zones Pz

Total Required Outdoor Air  
**185**

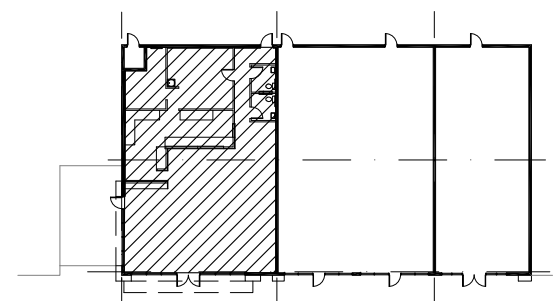
Do not utilize Occupant Diversity without specific approval from the Authority Having Jurisdiction

Uncorrected O.A.  
Vou = D Σall zones RpPz + Σall zones RaAz

System Population (Ps)  
**146**

Percentage of Outdoor Air  
**9%**

Method  
**IMC Chart**



**KEY PLAN**  
SCALE: 1"=50'-0"





Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project  
**Interior Remodel for New Tenant  
The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

Contractor

Seal

Drawing Title:

**Plumbing Riser Diagrams  
and Details**

North

Scale

As Noted

Issue Date Description

04.24.2024 Permit

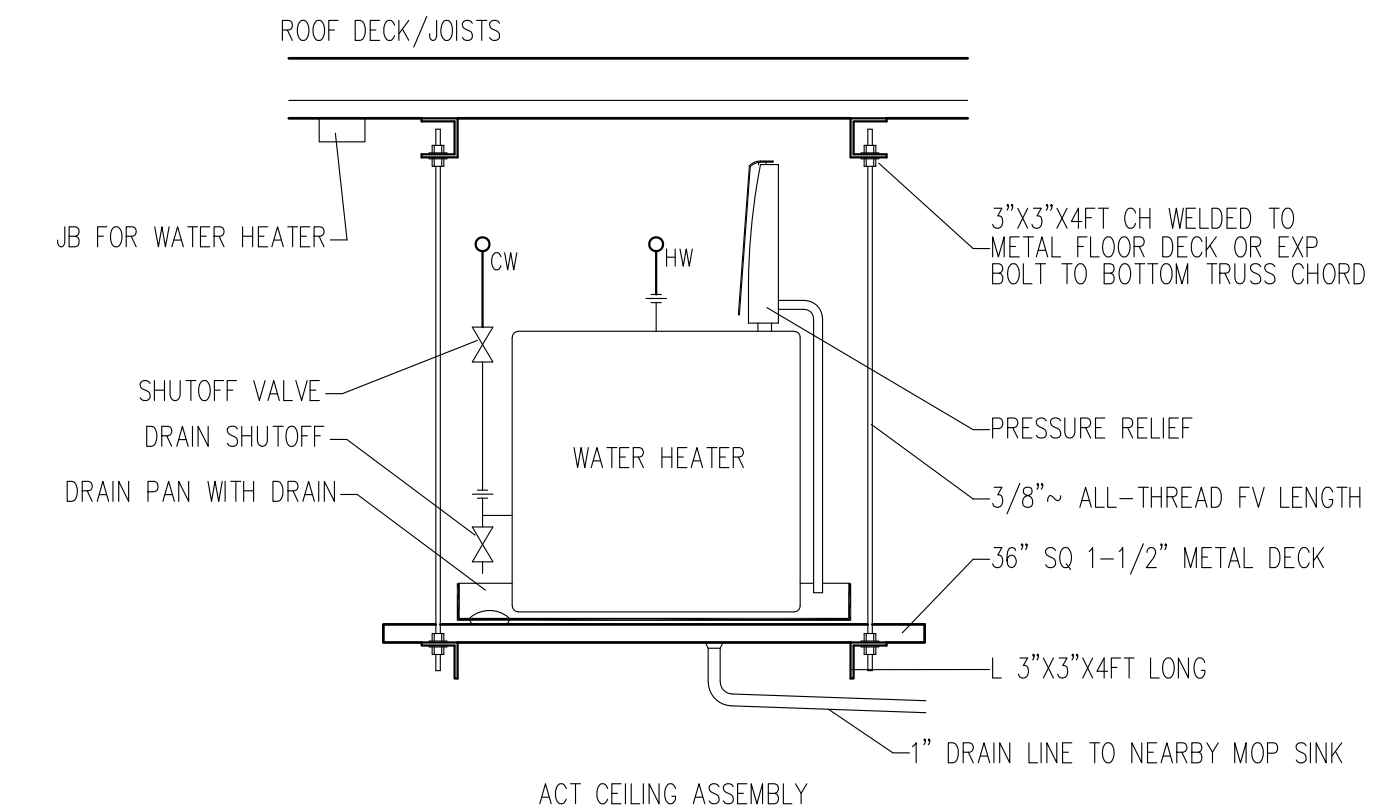
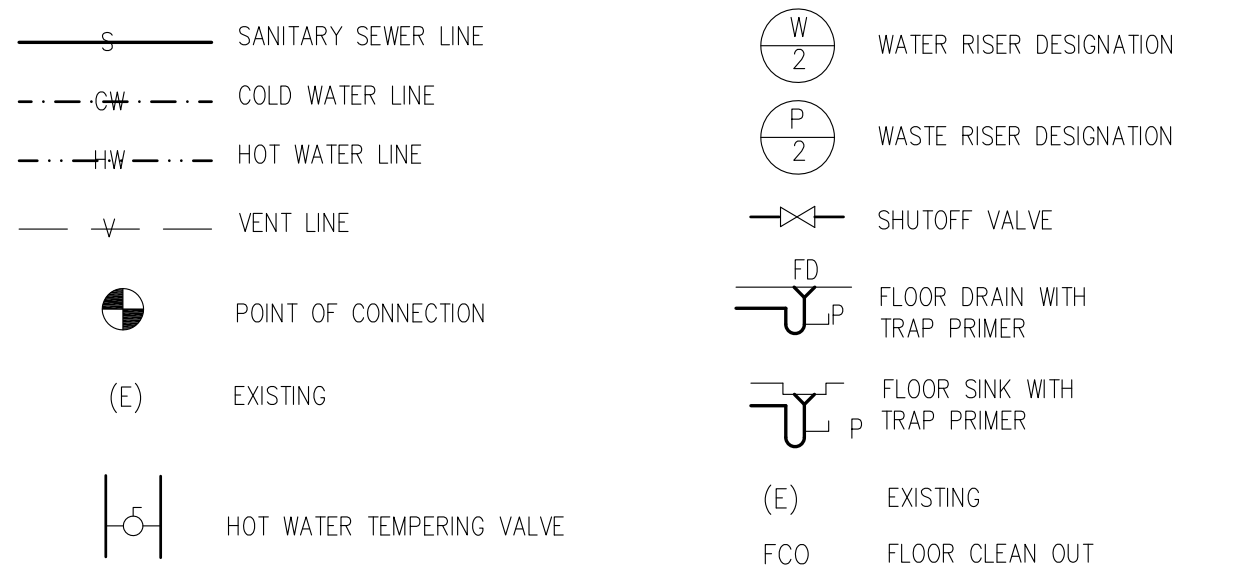
No. Date Description

Project No. TB23-04

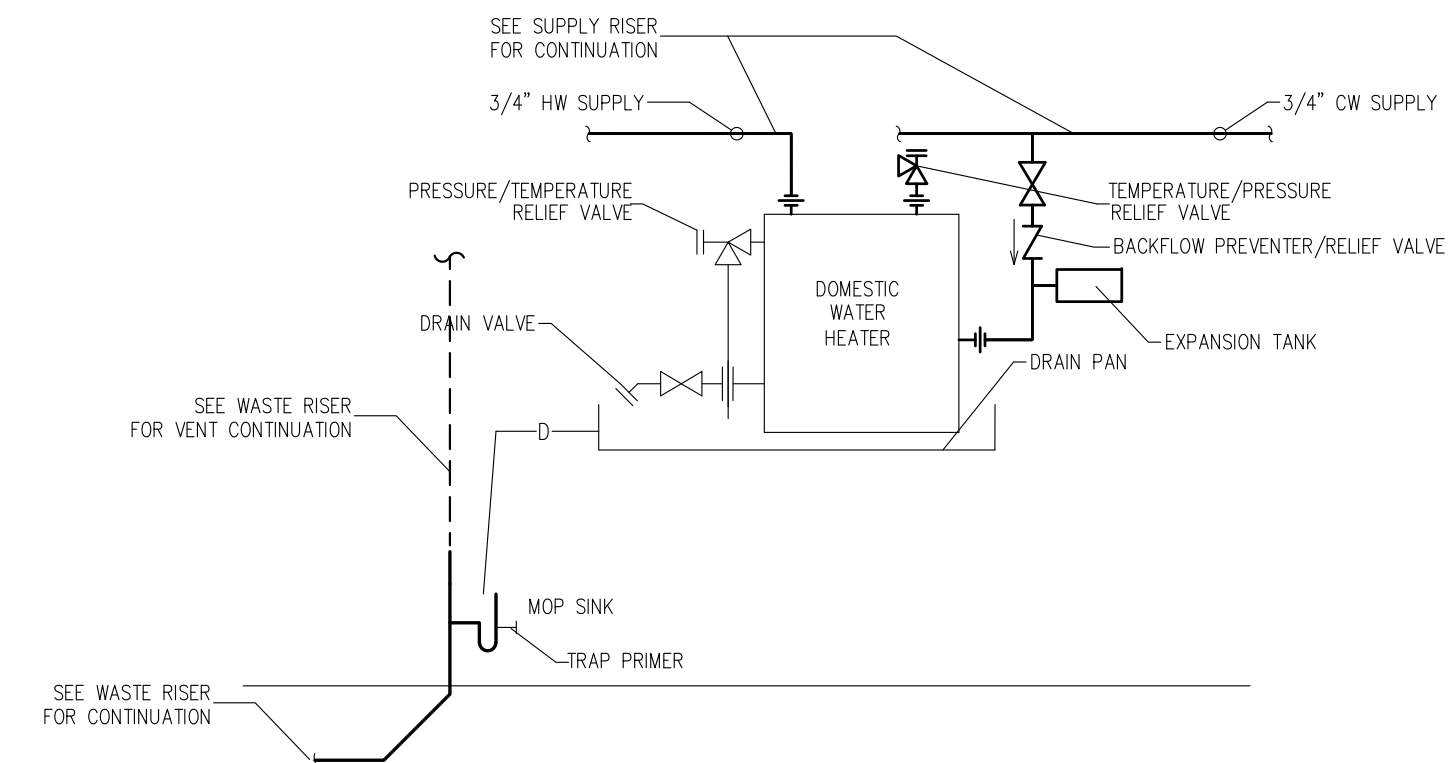
Sheet

**TP1.2**

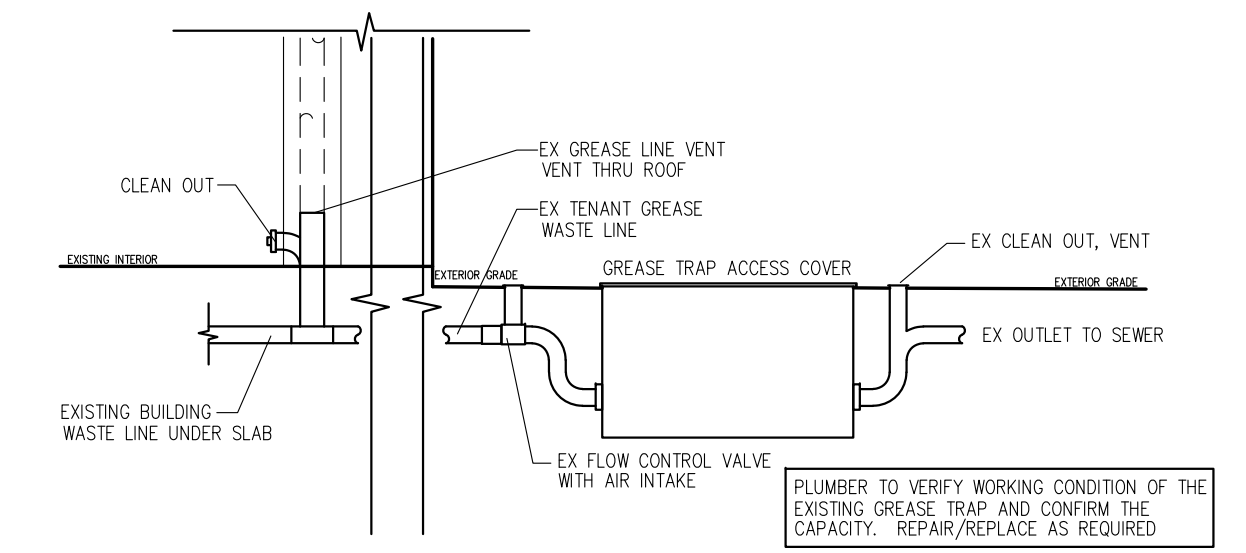
**PLUMBING RISER SYMBOLS**



**ABOVE CEILING WATER HEATER MOUNTING DETAIL**  
NTS



**TYPICAL WATER HEATER RISER DIAGRAM DETAIL**  
NTS



**UNDERGROUND GREASE TRAP RISER DETAIL**  
NTS

GREASE TRAP CALCULATION - PER PDI G101

**BAR TRIPLE SINK:** (3)10x14x8=3,360 CU. INCHES / 231 = 14.5 GAL DRAINAGE LOAD  
14.5 x .75 = 10.88 GAL ACTUAL DRAINAGE LOAD  
10.88 / 1 = 10.88 GPM 1 MIN PERIOD  
10.88 / 2 = 5.44 GPM 2 MIN PERIOD

**PER TABLE 1: PDI SIZE 15, 15 GPM, 30LB GREASE CAPACITY (\*QTY 2)**

**HAND SINK:** 9x9x6=486 CU. INCHES / 231 = 2.10 GAL DRAINAGE LOAD  
2.10 x .75 = 1.58 GAL ACTUAL DRAINAGE LOAD  
1.58 / 1 = 1.58 GPM 1 MIN PERIOD  
1.58 / 2 = 0.79 GPM 2 MIN PERIOD

**PER TABLE 1: PDI SIZE 2, 2 GPM, 4LB GREASE CAPACITY (\*QTY 2)**

**MOP SINK:** 20x20x10=4000 CU. INCHES / 231 = 17.3 GAL DRAINAGE LOAD  
17.3 x .75 = 12.98 GAL ACTUAL DRAINAGE LOAD  
12.98 / 1 = 12.98 GPM 1 MIN PERIOD  
12.98 / 2 = 6.49 GPM 2 MIN PERIOD

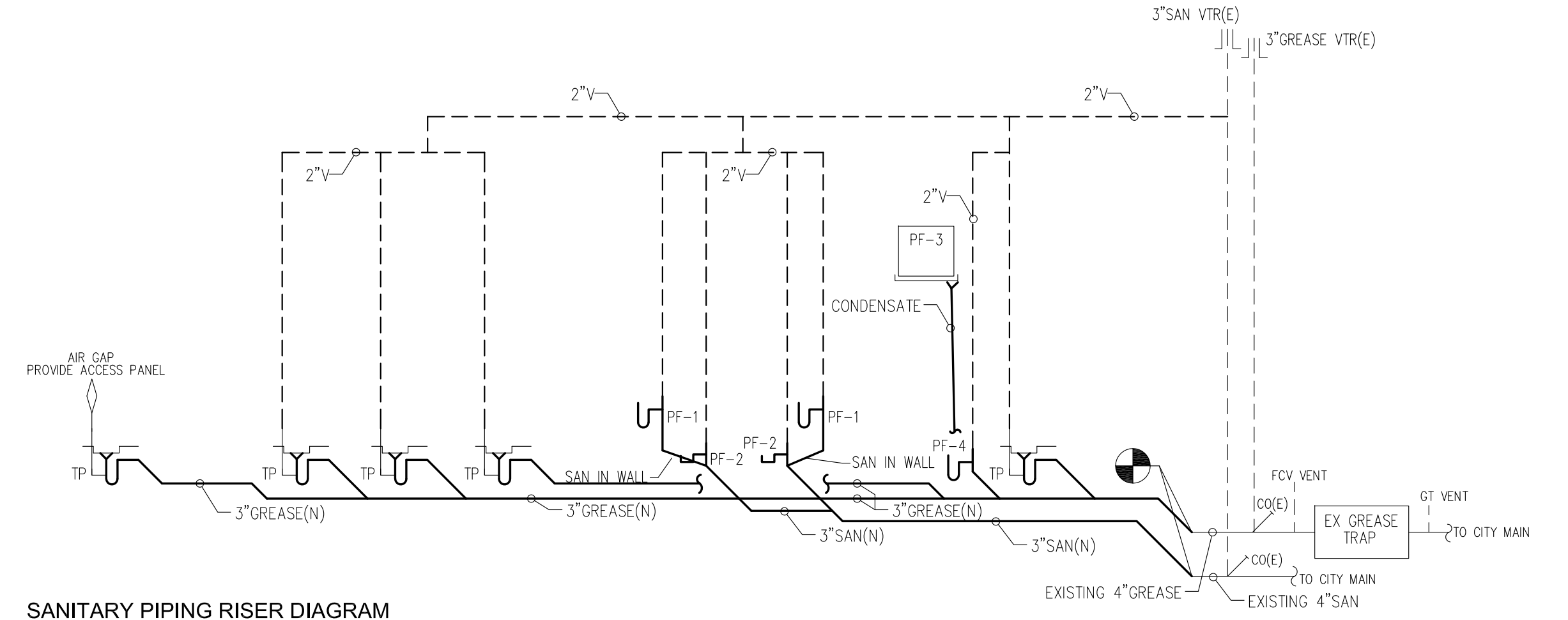
**PER TABLE 1: PDI SIZE 15, 15 GPM, 30LB GREASE CAPACITY**

**FLOOR SINK:** 12x12x4=576 CU. INCHES / 231 = 2.49 GAL DRAINAGE LOAD  
2.49 x .75 = 1.87 GAL ACTUAL DRAINAGE LOAD  
1.87 / 1 = 1.87 GPM 1 MIN PERIOD  
1.87 / 2 = 0.94 GPM 2 MIN PERIOD

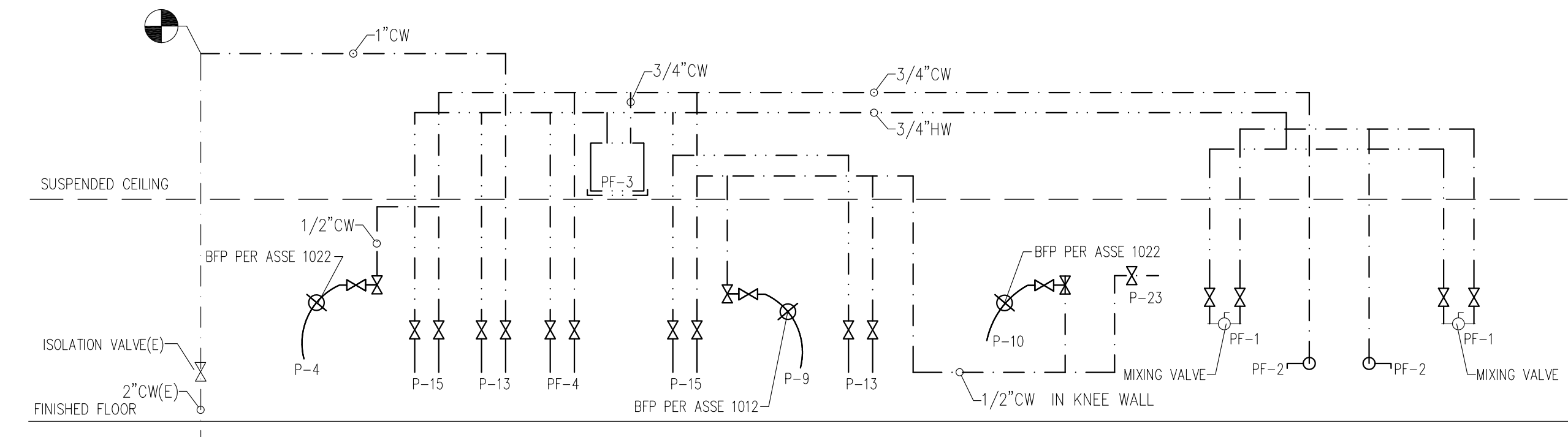
**PER TABLE 1: PDI SIZE 2, 2 GPM, 4LB GREASE CAPACITY (\*QTY 4)**

**TOTAL REQUIRED SIZE:**  
60.46 GAL DRAINAGE LOAD  
60.46 x .75 = 45.35 GAL ACTUAL DRAINAGE LOAD  
45.35 / 1 = 45.35 GPM 1 MIN PERIOD  
45.35 / 2 = 22.68 GPM 2 MIN PERIOD

**PER TABLE 1: PDI SIZE 50, 50 GPM, 100LB GREASE CAPACITY REQUIRED**  
\*SHARED 1500LB GREASE CAPACITY UNIT EXISTING AND PLUMBED TO SUITE



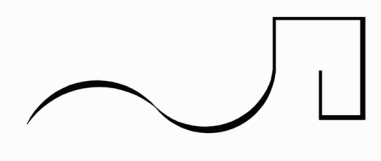
**SANITARY PIPING RISER DIAGRAM**  
NTS



**SUPPLY PIPING RISER DIAGRAM**  
NTS

PLUMBING FIXTURE SCHEDULE						
FIXTURE	TYPE	WASTE	VENT	CW	HW	DESCRIPTION
PF-1	WALL MTD LAVATORY ADA COMPLIANT	1-1/2"	1-1/2"	1/2"	1/2"	KOHLER PINOIR WALL MOUNTED WITH FAUCET AND PIPING SHROUD INSTALL TEMPERING VALVE ON HW, SET TO <110F
PF-2	FLOOR MOUNTED ADA TOILET	3"	2"	1/2"	-	AMERICAN STANDARD "CADET" ADA HEIGHT ELONGATED BOWL INSTALL TEMPERING VALVE ON HW LINE-SET TO <110F
PF-3	CEILING MTD WATER HEATER	1"Ø	-	3/4"	3/4"	AO SMITH 50 GALLON "LOW BOY" ELECTRIC WATER HEATER # DEL-50 WITH 9KW 208 VOLT HEATING ELEMENT/SUSPENDED ABOVE CEILING
PF-4	FLOOR MTD MOP SINK w/FAUCET	3"	2"	3/4"	3/4"	MUSTEE 24x24 FIBERGLASS MOP SINK WITH SERVICE FAUCET

FOOD SERVICE EQUIPMENT PLUMBING SCHEDULE						
TAG	CATEGORY	Cold Water (in)	Hot Water (in)	Direct Waste Size	Indirect Waste Size	REMARKS
4	Coffee Brewer	1/4"			1"	
7	Drop-In Ice Bin				1"	
8	Ice Shaver/Blender				1"	
9	Ice Maker w/Bin	3/8"			1/2"	Drain for ice maker Bin drain
10	Espresso Cappuccino Machine	3/8"			3/4"	
13	3 Comp Underbar Sink	1/2"	1/2"		(3) 1-1/2"	w/lever waste drains
15	Hand Sink w/Faucet	1/2"	1/2"	1-1/2"		
23	Glass Rinser		1/2"		1/2"	



Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project  
**Interior Remodel for New Tenant**  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

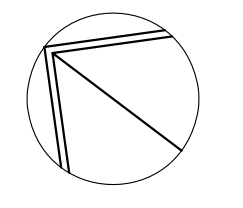
Contractor

Seal

Drawing Title:

**Electrical Plan and Notes**

North



Scale

1/4"=1'-0"



Issue Date Description

04.24.2024 Permit

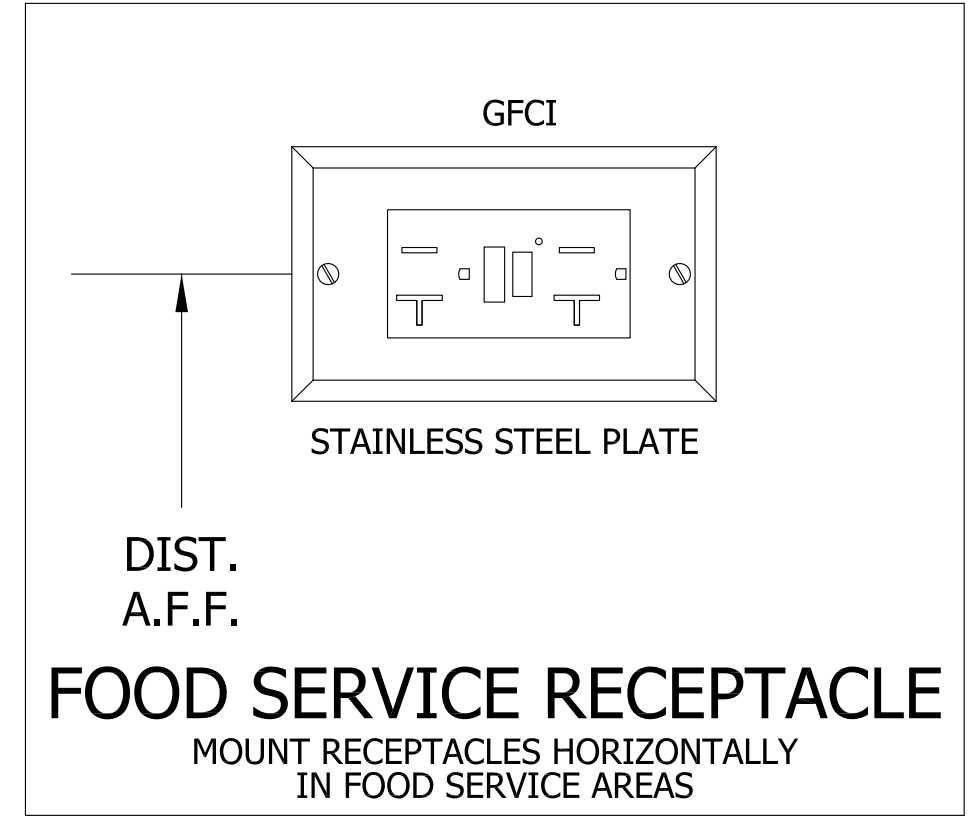
No. Date Description

Project No. TB23-04

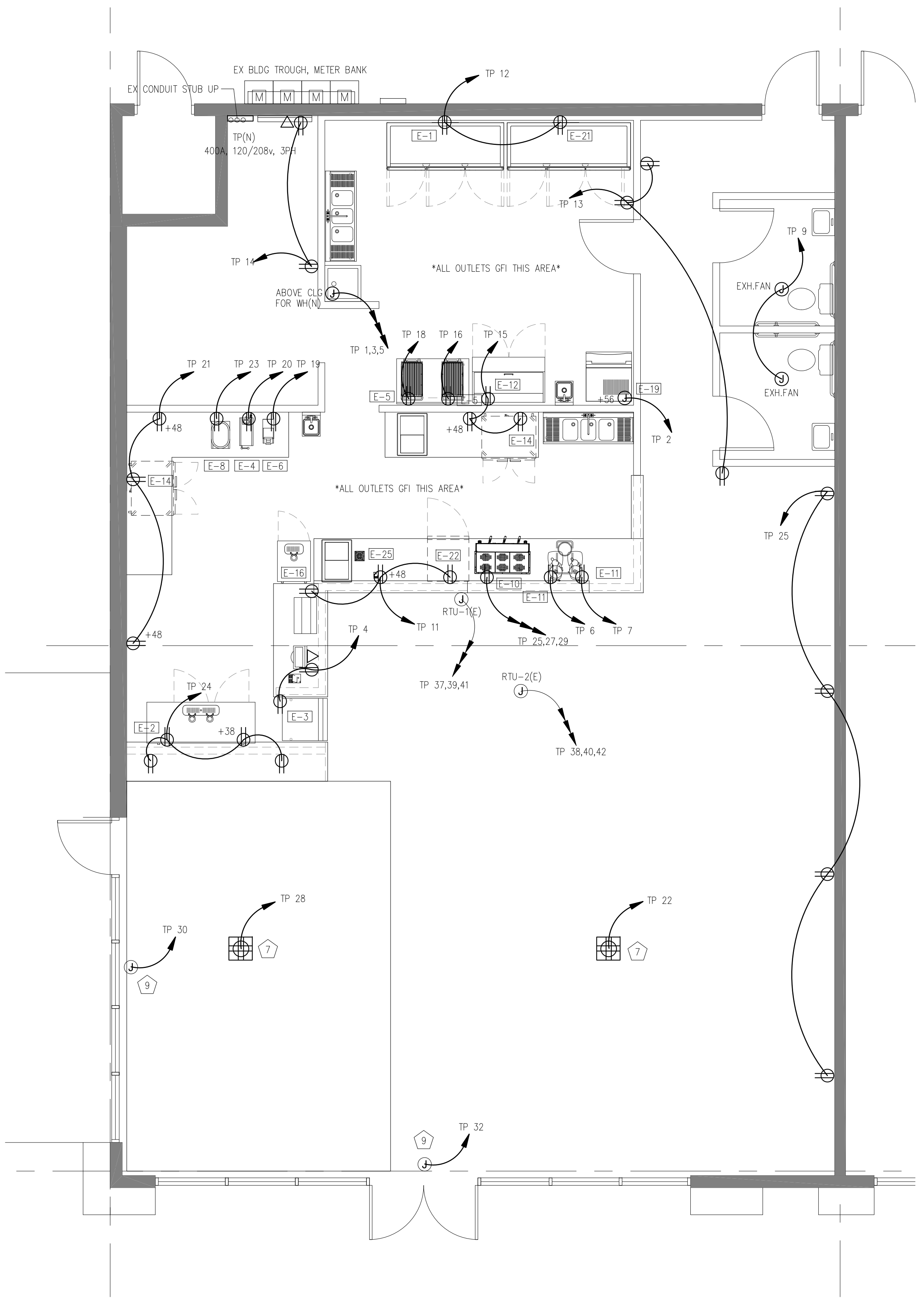
Sheet

**TE1.1**

copyright © Equitecture, PLLC 2023



ELECTRICAL PANEL SCHEDULE		TP-1 (New, Feed in Existing Conduit from Meter Bank)				
BREAKER	SERVING	CKT	PHASE	CKT	SERVING	BREAKER
50	NEW WATER HEATER	1	3000	2	ICE MAKER	20
	-do-	3	575	4	GRAB N GO, POS OUTLETS	20
	-do-	5	650	6	ESPRESSO GRINDER	20
20	ESPRESSO GRINDER	7	650	8	CONVENIENCE OUTLETS	20
20	TLT EXHAUST FANS (NEW)	9	720	10	CONVENIENCE OUTLETS	20
20	1 DOOR KEG COOLER, OUTLETS	11	1080	12	REACH-IN FREEZER	20
20	CONVENIENCE OUTLETS	13	720	14	CONVENIENCE OUTLETS	20
20	U/C REFRIGERATOR, SANDWICH PREP	15	540	16	RAPID COOK OVEN	30
20	PRINTER, CONVENIENCE OUTLETS	17	360	18	RAPID COOK OVEN	30
20	COFFEE GRINDER	19	1560	20	COFFEE BREWER	20
20	U/C REFRIGERATOR, CONV OUTLETS	21	1368	22	FLOOR OUTLET	20
20	ICE SHAVER/BLENDER	23	720	24	KEG COOLER & CONV. OUTLETS	20
50	ESPRESSO MACHINE	25	3120	26	CONVENIENCE OUTLETS	20
	-do-	27	2034	28	FLOOR OUTLET	20
	-do-	29	900	30	SIGNAGE OUTLET	20
20	NEW LIGHTING	31	1065	32	SIGNAGE OUTLET	20
20	SPACE	33	500	34	SPACE	
	SPACE	35	--	36	SPACE	
45	RTU-1 (EXISTING)	37	1250	38	RTU-2 (EXISTING)	45
	-do-	39	1250	40	-do-	
	-do-	41	1250	42	-do-	
TOTAL WATTS:		16132	14473	15568	46173 WATTS =46.173 KW	
TOTAL CONNECTED LOAD AT 120/208v:		128.26 AMPS				



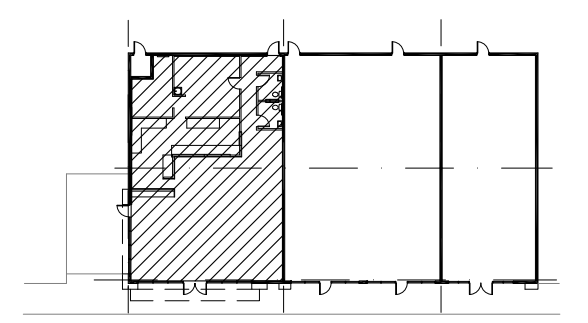
**ELECTRICAL SYMBOLS**

- ⊕ DUPLEX OUTLET - 18" AFF UON NEW UNLESS OTHERWISE NOTED
- ⊕ QUADRAPLEX OUTLET - 18" AFF UON NEW UNLESS OTHERWISE NOTE
- ⊕ QUADRAPLEX FLOOR RECESSED OUTLET NEW UNLESS OTHERWISE NOTED
- ▽ TEL/DATA BOX WITH DUAL JACK FACE PLATE PROVIDE RING AND PULL STRING NEW UNLESS OTHERWISE NOTED
- ⊕ T3L-3 5,7,9 JUNCTION BOX NO. ARROWS EQUAL NUMBER OF 20A CIRCUITS
- ⊕ GARBAGE DISPOSER MOTOR
- ⊕ 15A 2P NON-FUSED SAFETY DISCONNECT SWITCH NO. ARROWS EQUAL NUMBER OF 20A CIRCUITS
- ⊕ FAN SWITCH
- ⊕ MOTOR SWITCH FOR GARBAGE DISPOSER

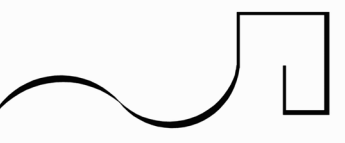
**ELECTRICAL NOTES**

- 1 ALL POWER CIRCUITS SHALL BE 20 AMP WITH 12 AWG WIRING IN 3/4" MINIMUM CONDUIT OR ARMORED CABLE COMPLYING WITH THE CURRENT NEC. ALL NEW CIRCUITS SHALL BE EQUIPPED WITH ARC FAULT PROTECTION. ALL CIRCUITS/OUTLETS IN KITCHEN/FOODSERVICE AREAS, LAUNDRY, BATH AND WITHIN 6' OF WATER SOURCES SHALL ALSO BE GROUND FAULT PROTECTED.
- 2 CONTRACTOR SHALL EXTEND NEW FEEDER WIRE THROUGH EXISTING CONDUIT POKE THRU INTO SUBJECT TENANT SPACE AND PROVIDE/INSTALL NEW 400A 120/208v 3PH PANEL. ALL CIRCUITS SUPPORTING THE SPACE CURRENTLY WIRED TO 'HP' SHALL BE REWIRED TO NEW PANEL TP. SEE PANEL SCHEDULES. EXISTING RTU'S ARE EQUIPPED WITH DISCONNECT AND CONDUIT TO UNIT BUT ARE DISCONNECTED, WIRE TO NEW PANEL AS INDICATED.
- 3 ALL JUNCTION BOXES SHALL BE MARKED WITH CIRCUIT NUMBER, PANEL NAME, AND VOLTAGE.
- 4 ALL FOODSERVICE EQUIPMENT OUTLETS SHALL BE GFCI RATED, AND MOUNTED ORIENTED HORIZONTALLY WITH STAINLESS STEEL COVER PLATES. WHERE INDICATED, EQUIPMENT SHALL RECEIVE DEDICATED HOMERUN CIRCUIT.
- 5 CONTRACTOR SHALL CONFIRM ALL FOODSERVICE EQUIPMENT WITH TENANT, AND RESPECTIVE POWER REQUIREMENTS. PROVIDE/INSTALL GROMMETS IN COUNTER TO ACCESS OUTLETS BELOW WHERE NEEDED.
- 6 CONVENIENCE OUTLETS WHERE SHOWN, SHALL BE WIRED TOGETHER FOR A MAXIMUM OF 6 DUPLEXES PER HOMERUN CIRCUIT.
- 7 TRENCH SLAB AS REQUIRED AND PROVIDED FLOOR RECESSED OUTLET BOX AT LOCATIONS INDICATED. CONFIRM LOCATIONS WITH TENANT.
- 8 TOILET EXHAUST FANS SHALL BE INTERLOCKED WITH LIGHT SWITCH.
- 9 WIRE EXISTING SIGNAGE JBOXES TO NEW PANEL AS INDICATED.

TAG	CATEGORY	CONN. TYPE	NEMA	VOLTAGE	PHASE	CYCLE	AMPS	HP	KW	REMARKS
1	Reach-In Freezer	Cord & Plug	L14-20P	115	1	60	5.5	1-1/4		
2	Draft Beer Cooler	Cord & Plug	5-15P	115	1	60	2.4	1/5		
3	Grab n Go Merchandiser	Cord & Plug	5-15P	115	1	60	5			
4	Coffee Brewer	Cord & Plug	5-15P	120	1	60	11.4		1.37	
5	High Speed Microwave	Cord & Plug	6-15P	208-240	1	60	15			
6	Coffee Grinder	Cord & Plug	5-15P	120	1	60	13		1.60	
8	Ice Shaver/Blender	Cord & Plug	5-15P	115	1	60	5.3	3	1.8	
9	Ice Maker w/Bin	Direct		115	1	60	9.6		9.6	
10	Espresso Cappuccino Machine	Cord & Plug	6-60P	208-240	1	60	28		6.1	
11	Espresso Grinder	Cord & Plug	5-15P	110	1	60	3		.65	
12	Sandwich / Salad Preparation Refrigerator	Cord & Plug	5-15P	115	1	60	2.8	1/5		
14	Undercounter Refrigerator (2 door)	Cord & Plug	5-15P	115	1	60	2.3	1/7		
16	24" Draft Beer Cooler	Cord & Plug	5-15P	115	1	60	1.9			
21	Reach-In Refrigerator	Cord & Plug	5-15P	115	1	60	4.8			
22	Undercounter Refrigerator (1 door)	Cord & Plug	5-15P	115	1	60	2.3			
25	Sticky Label Printer	Cord & Plug	5-15P	115	1	60	1.7			



**KEY PLAN**  
SCALE: 1"=50'-0"



Equitecture, PLLC  
730 N Disston Ave  
Tarpon Springs, FL 34689  
tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
At Fishhawk Commons  
5640 Circa Fishhawk Blvd  
Lithia Florida 33547

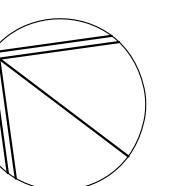
Contractor

Seal

Drawing Title:

Lighting Plan and Notes

North



Scale

1/4"=1'-0"



Issue Date Description

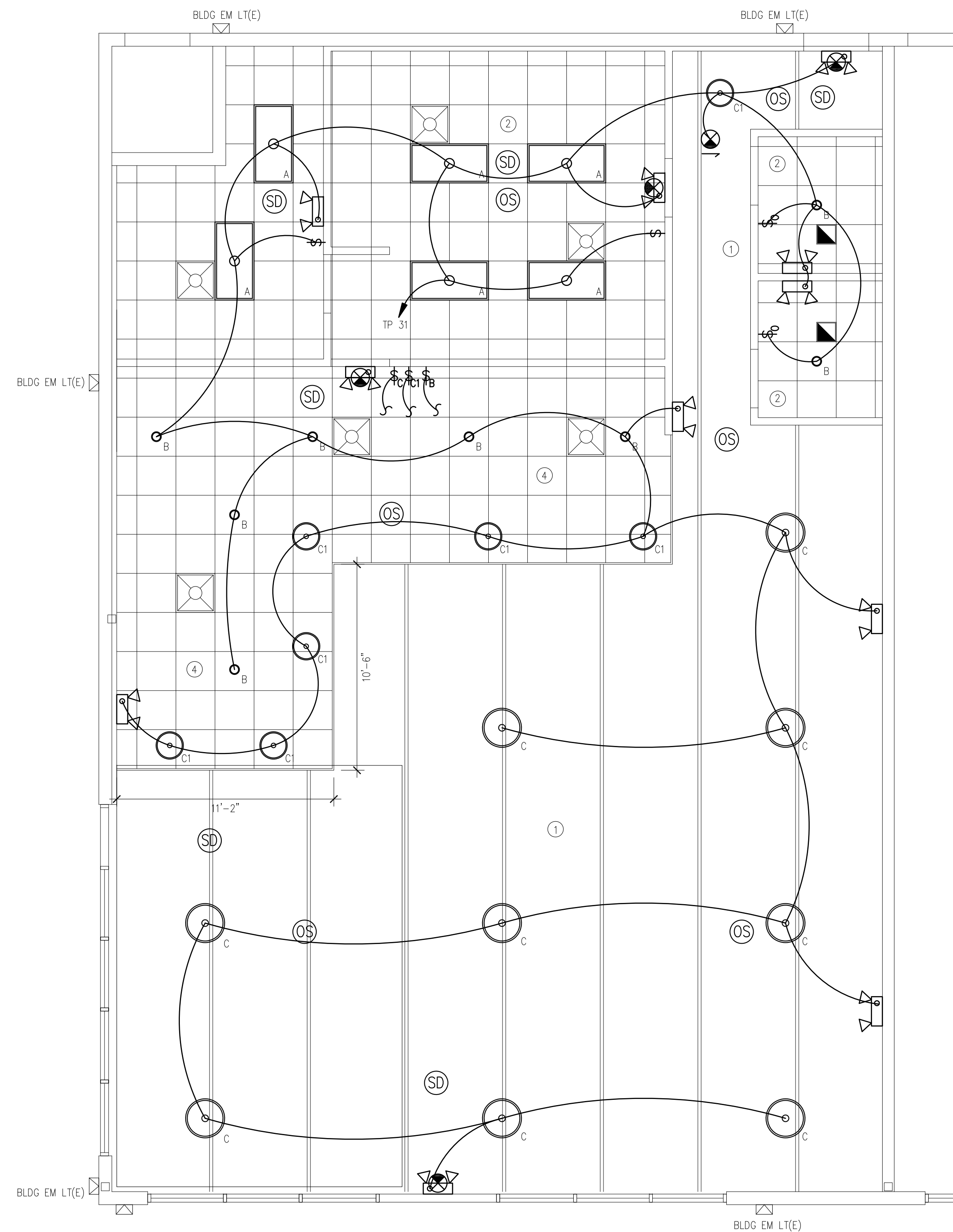
04.24.2024 Permit  
No. Date Description

Project No. TB23-04

Sheet

**TE1.2**

copyright © Equitecture, PLLC 2023



**LIGHTING SYMBOLS**

- 2x4 LED DIMMABLE FIXTURE W/ PRISMATIC LENS; 120v, 32w, 3500K NEW UNLESS OTHERWISE NOTED
- 6" RECESSED LED DIMMABLE DOWNLIGHT 120v, 2000 LUMENS, 3500K B1 = FIXTURE W/90 MIN BATTERY BACKUP NEW UNLESS OTHERWISE NOTED
- 30" DRUM PENDANT, DIMMABLE LED SELECTION BY OWNER C1= COORDINATING MINI PENDANT NEW UNLESS OTHERWISE NOTED
- CEILING/STEM MOUNT OCCUPANCY SENSOR DUAL TECHNOLOGY (MOTION AND IR)
- DUAL SMOKE/CO DETECTOR CEILING/STEM MOUNT
- EMERGENCY EXIT SIGN ARROW INDICATES DIRECTION OF EGRESS NEW UNLESS OTHERWISE NOTED
- COMBINATION WALL MTD EMERGENCY LIGHT W/EXIT SIGN, 90 MIN BATTERY BACKUP NEW UNLESS OTHERWISE NOTED
- WALL MTD EMERGENCY LIGHT W/90 MIN BATTERY BACKUP NEW UNLESS OTHERWISE NOTED
- OCCUPANCY SENSOR WALL SWITCH
- SINGLE LEG SWITCH
- SWITCH W/ DIMMER TOGGLE

**LIGHTING NOTES**

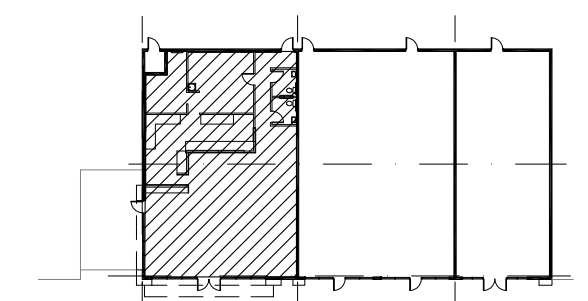
- 1 ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE CODES AND ORDINANCES. THE SYSTEM SHALL BE COMPLETELY AN EFFECTIVELY GROUNDED AS REQUIRED IN ARTICLE 25-D, NEC.
- 2 ALL MATERIALS SHALL BE NEW AND BEAR U.L. LABELS, WHERE APPLICABLE.
- 3 ALL LIGHT FIXTURES SHALL BE LAMPED BY CONTRACTOR USING THE SPECIFIED LUMINAIRES. CONTRACTOR SHALL CONFIRM ALL LIGHTING SELECTIONS WITH OWNER PRIOR TO ORDERING.
- 4 CONNECT EMERGENCY LIGHT FIXTURE(S) WITH 90 MINUTE BATTERY PACK TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHES.
- 5 CONTRACTOR SHALL REUSE EXISTING LIGHTING CIRCUIT(S) TO THE EXTENT PRACTICAL, CONNECT ANY NEW CIRCUITS TO NEW PANEL TP.
- 6 ALL NEW FIXTURES SHALL BE CONNECTED TO SWITCHES WITH DIMMING TOGGLE, TYPICAL.
- 7 EXTERIOR BUILDING LIGHTING IS EXISTING TO REMAIN AND WIRED BACK TO BUILDING MAIN PANEL-NO CHANGE OR ALTERATION TO LIGHTING OR CIRCUIT(S).
- 8 ALL C1 FIXTURES OVER SERVICE COUNTER SHALL BE MOUNTED AT 9'-0". TYPE C DINING ROOM PENDANTS SHALL BE MOUNTED AT 11'-0". CONFIRM WITH OWNER.
- 9 ALL CEILING MOUNTED DEVICES SHALL BE STEM HUNG TO BE BELOW THE EXPOSED DUCTWORK, INCLUDING OCCUPANCY SENSORS, SMOKE DETECTORS AND CEILING EMERGENCY LIGHTS.

**FINISHED CEILING NOTES**

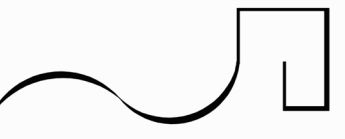
- 1 IN FRONT SERVICE AND DINING AREAS, THE EXISTING ROOF STRUCTURE SHALL REMAIN EXPOSED. PAINT UNDERSIDE OF METAL DECK, JOISTS AND EXPOSED CONDUIT PER OWNER SELECTIONS. SPIRAL ROUND DUCTWORK SHALL NOT BE PAINTED.
- 2 WHERE INDICATED, THE NEW 2x2 ACT GRID/TILE ASSEMBLY SHALL BE ARMSTRONG SUPRAFINE 8" GRID SYSTEM WITH SMOOTH FACE TILE, BLACK FINISH. INSTALL AT 12"-0" AFF IN BACK OF HOUSE AREA AND BATHROOMS.
- 3 EXPOSED SPIRAL DUCTWORK SHALL BE HUNG NO MORE THAN 12" BELOW THE BOTTOM CHORD OF STEEL JOISTS.
- 4 AT LOCATION INDICATED, ACT CEILING CLOUD WITH 6" ARMSTRONG AXIOM VERTICAL TRIM AND SUPRAFINE GRIDE SHALL TERMINATE AT 12"-0" AFF. GRID AND TILE SHALL BE BLACK IN COLOR, CONFIRM WITH OWNER. SEE TYPICAL DETAILS.

**2023 FECC COMPLIANCE CALCULATION - TABLE 405.4.2**

FIXTURE	LAMP TYPE	INPUT WATTS	NO. FIXTURE	TOTAL WATTS
A	4FT 32w LED	32	6	192
B	6" 15w LED	15	8	120
C	30" 64w LED	64	9	576
C1	12" 24w LED	24	7	168
<b>TOTAL</b>				<b>1056.0 WATTS</b>
<b>ALL FIXTURES USE ELECTRONIC BALLASTS</b>				
<b>ALLOWABLE ASSEMBLY-DINING/BAR/LOUNG LIGHTING WATTAGE</b>				<b>0.9 WATTS/SF</b>
<b>TOTAL SUITE AREA LIGHTING WATTAGE</b>				<b>1056.0 WATTS</b>
<b>TOTAL SUITE AREA SF</b>				<b>2,425 SF</b>
<b>TOTAL WATTS/SF</b>				<b>0.44 WATTS/SF</b>



**KEY PLAN**  
SCALE: 1"=50'-0"



Equitecture, PLLC  
 730 N Disston Ave  
 Tarpon Springs, FL 34689  
 tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
 At Fishhawk Commons  
 5640 Circa Fishhawk Blvd  
 Lithia Florida 33547

Contractor

Seal

Drawing Title:

**Electrical Schedules,  
 Riser Diagrams and Notes**

North

Scale

As Noted

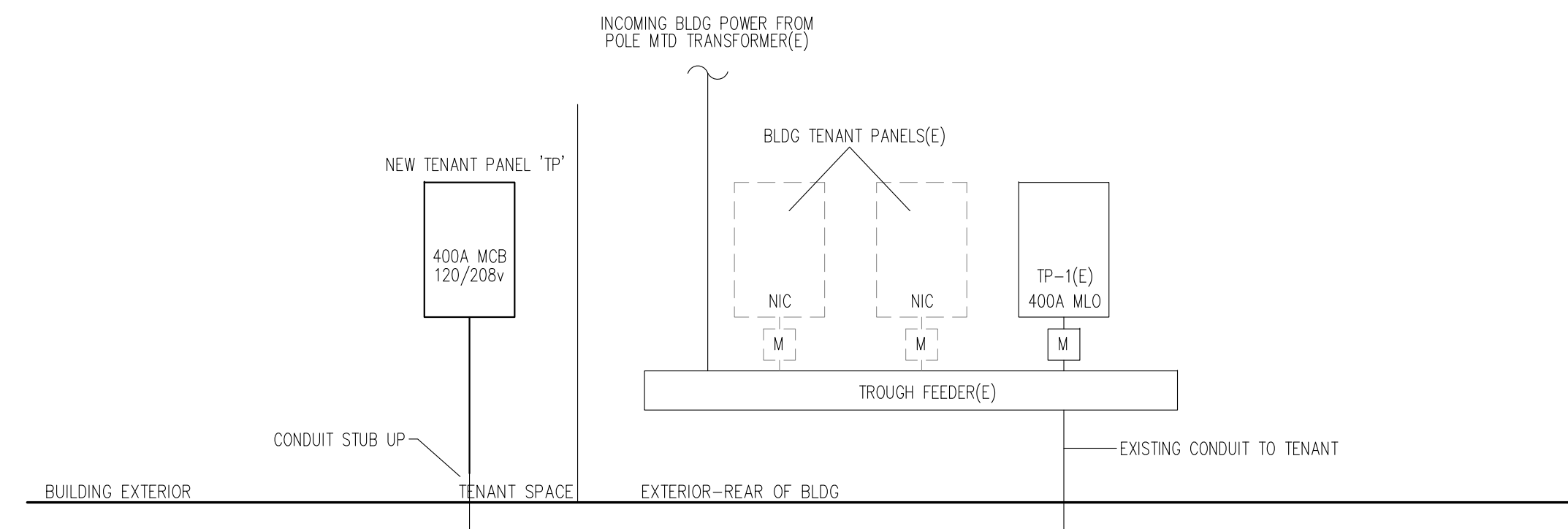
Issue Date Description

04.24.2024 Permit  
 No. Date Description

Project No. TB23-04

Sheet

**TE1.3**



**ELECTRICAL RISER DIAGRAM**

NTS

**ELECTRICAL GENERAL NOTES**

1. THE EXISTING BUILDING PANEL SCHEDULES ARE OUT OF DATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ELECTRICAL SUBCONTRACTORS TO VERIFY THE INCOMING AVAILABLE LOAD TO THE TENANT SPACE. IF DISCREPANCY IS DISCOVERED TO WHAT IS SHOWN IN THE DOCUMENTS, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY.
2. CONTRACTOR SHALL TRACE EXISTING CIRCUITS AND WIRING THAT ARE TO BE REUSED OR REMAIN INSIDE THE TENANT SUITE. REWIRE CONVENIENCE OUTLETS AS SHOWN TO THE NEW TENANT SUB-PANEL.

ELECTRICAL PANEL SCHEDULE		TP-1 (New, Feed in Existing Conduit from Meter Bank)								
BREAKER	SERVING	CKT	400A			400A MCB		CKT	SERVING	BREAKER
			A	B	C	SURFACE MOUNT	BOTTOM FED			
50	NEW WATER HEATER	1	3000					2	ICE MAKER	20
	-do-	3	575	3000				4	GRAB N GO, POS OUTLETS	20
	-do-	5		650			3000	6	ESPRESSO GRINDER	20
20	ESPRESSO GRINDER	7	650	720			650	8	CONVENIENCE OUTLETS	20
20	TLT EXHAUST FANS (NEW)	9		650	360			10	CONVENIENCE OUTLETS	20
20	1 DOOR KEG COOLER, OUTLETS	11				1080	635	12	REACH-IN FREEZER	20
20	CONVENIENCE OUTLETS	13	720	540				14	CONVENIENCE OUTLETS	20
20	U/C REFRIGERATOR, SANDWICH PREP	15		720	3120			16	RAPID COOK OVEN	30
20	PRINTER, CONVENIENCE OUTLETS	17				360	3120	18	RAPID COOK OVEN	30
20	COFFEE GRINDER	19	1560	1368				20	COFFEE BREWER	20
20	U/C REFRIGERATOR, CONV OUTLETS	21		720	360			22	FLOOR OUTLET	20
20	ICE SHAVER/BLENDER	23				610	1080	24	KEG COOLER & CONV. OUTLETS	20
50	ESPRESSO MACHINE	25	2034	900				26	CONVENIENCE OUTLETS	20
	-do-	27		2033	360			28	FLOOR OUTLET	20
	-do-	29				2033	500	30	SIGNAGE OUTLET	20
20	NEW LIGHTING	31	1065	500				32	SIGNAGE OUTLET	20
20	SPACE	33						34	SPACE	
	SPACE	35						36	SPACE	
45	RTU-1 (EXISTING)	37	1250	1250				38	RTU-2 (EXISTING)	45
	-do-	39		1250				40	-do-	
	-do-	41				1250	1250	42	-do-	
TOTAL WATTS:			16132	14473	15568	46173 WATTS =46.173 KW				
TOTAL CONNECTED LOAD AT 120/208v:			128.26 AMPS							



Equitecture, PLLC  
 730 N Disston Ave  
 Tarpon Springs, FL 34689  
 tel 703.638.5289

Project

Interior Remodel for New Tenant  
**The Blend**  
 At Fishhawk Commons  
 5640 Circa Fishhawk Blvd  
 Lithia Florida 33547

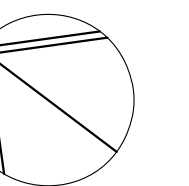
Contractor

Seal

Drawing Title:

**Life Safety Plan  
 and Notes**

North



Scale

1/4"=1'-0"



Issue Date Description

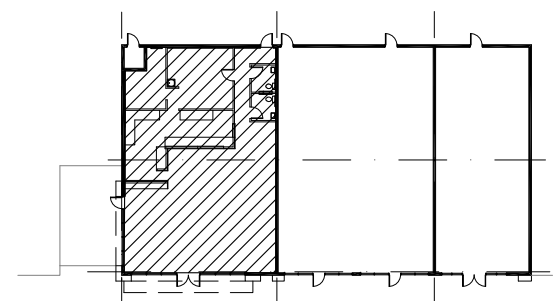
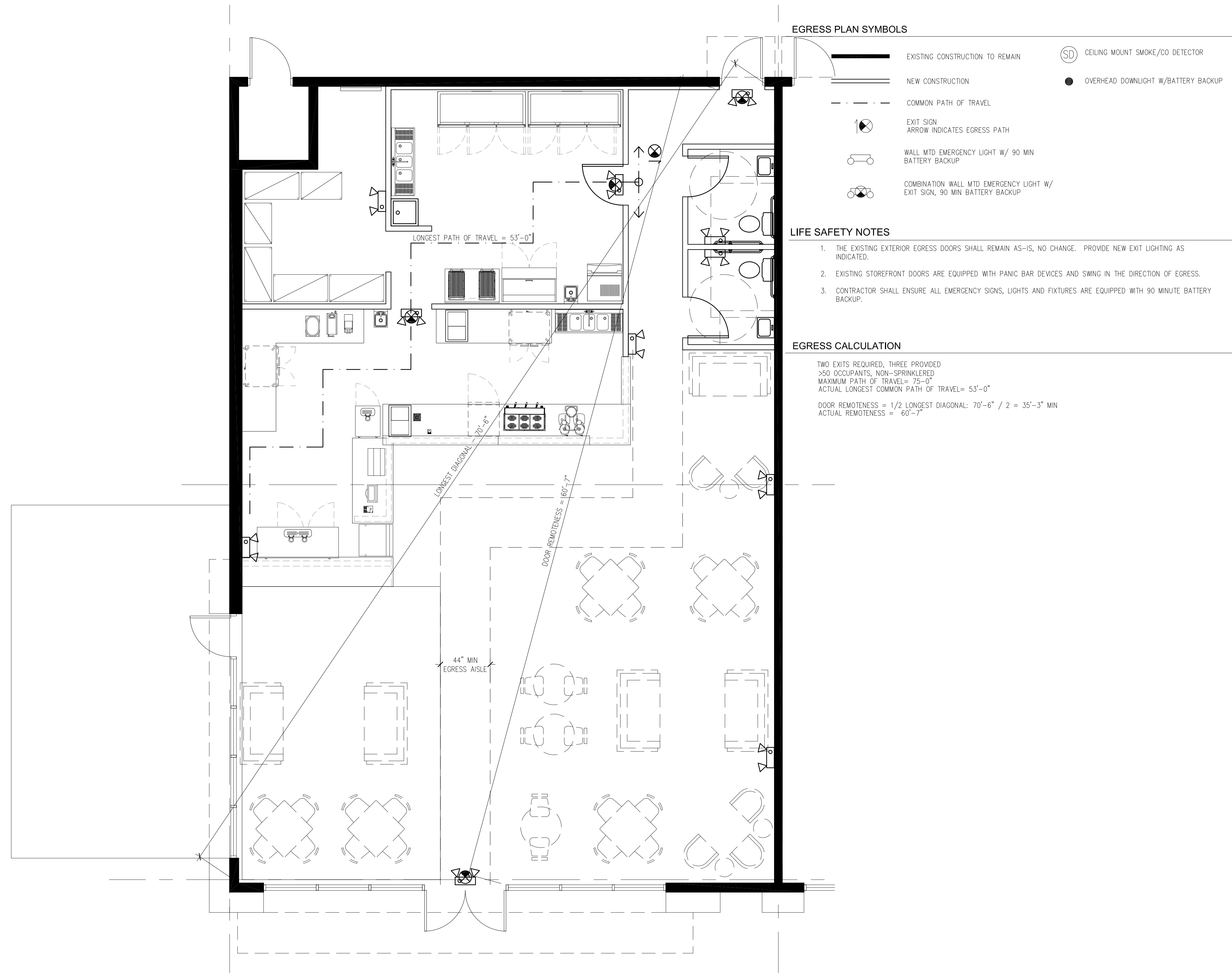
No.	Date	Description
04.24.2024	Permit	

Project No. TB23-04

Sheet

**TE1.4**

copyright © Equitecture, PLLC 2023



**KEY PLAN**  
 SCALE: 1"=50'-0"