

1. FIRE SPRINKLER IS NOT INCLUDED IN THIS SCOPE OF WORK. FIRE SPRINKLER IS A DEFERRED SUBMITTAL AND WILL BE SUBMITTED SEPARATELY. GC TO HIRE FIRE SPRINKLER CONTRACTOR TO DESIGN, SUBMIT AND INSTALL. CONTACT ARCHITECT TO REQUEST DESIGN DRAWINGS FOR COORDINATION.

SCOPE OF WORK

TENANT FINISH-OUT OF A NEW RETAIL SHELL STRIP CENTER SPACE INTO A NEW JERSEY MIKE'S SUBS RESTAURANT WITH NEW KITCHEN EQUIPMENT, INTERIOR WALLS, MECHANICAL, ELECTRICAL AND PLUMBING WORK, & FINISHES.

NO CHANGE IN SIZE OF SPACE. OCCUPANCY USE "B". NO ALCOHOLIC BEVERAGES WILL BE SERVED.

SITE - NO WORK PROPOSED.

EXTERIOR - NO WORK PROPOSED. (SIGNAGE IS NOT PART OF THIS SCOPE OF WORK).

INTERIOR - ALL NEW INTERIOR WALLS, CEILINGS, LIGHTS, KITCHEN EQUIPMENT, PLUMBING FIXTURES, AND FINISHES.

STRUCTURE - NO CHANGES PROPOSED TO THE EXISTING STRUCTURE.

ELECTRICAL - NO WORK TO THE MAIN SERVICE (NEITHER OF THE EXISTING PANELS) ARE PROPOSED. NEW WIRING OUTLET/EQUIPMENT, NEW OUTLETS & NEW LIGHTING. TAP INTO EXISTING WIRE WITH METER, DISCONNECT, CONDUIT, WIRING TO EXISTING PANEL. NEW INTERIOR LIGHTING.

MECHANICAL - 2 EXISTING RTUS ONE 6 TON AND ONE 5 TON / NEW DUCTWORK, A NEW MAU AND 2 NEW HOODS WITH EXHAUST FANS ARE PROPOSED.

PLUMBING - ALL NEW PIPING LINES TO PLUMBING FIXTURES. NEW TANKLESS WATER HEATER. NEW GAS LINE FROM EXISTING GAS METER TO NEW EQUIPMENT. TIE INTO EXISTING GREASE INTERCEPTOR.

PROJECT DIRECTORY

HANI NACHEF EMAIL: hnachef@verizon.net

PROJECT MANAGER AEP AMERICA LLC CONTACT: RANDY KELLY PHONE: 682-365-2742

JERSEY MIKE'S FRANCHISE SYSTEMS 2251 LANDMARK PLACE MANASQUAN, NJ 08736 CONTACT: RODNEY TAYLOR DIRECTOR OF CONSTRUCTION 732.223.4044 EMAIL: randy@aepamerica.com

ARCHITECT CORTLAND MORGAN 711 N FIELDER ROAD ARLINGTON, TX 76012 817-635-5696

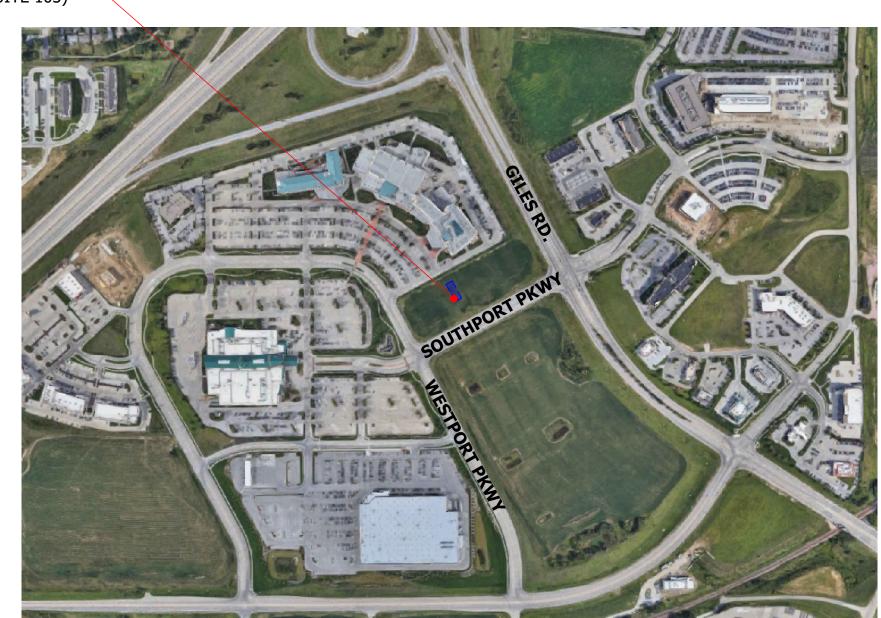
CORPORATE

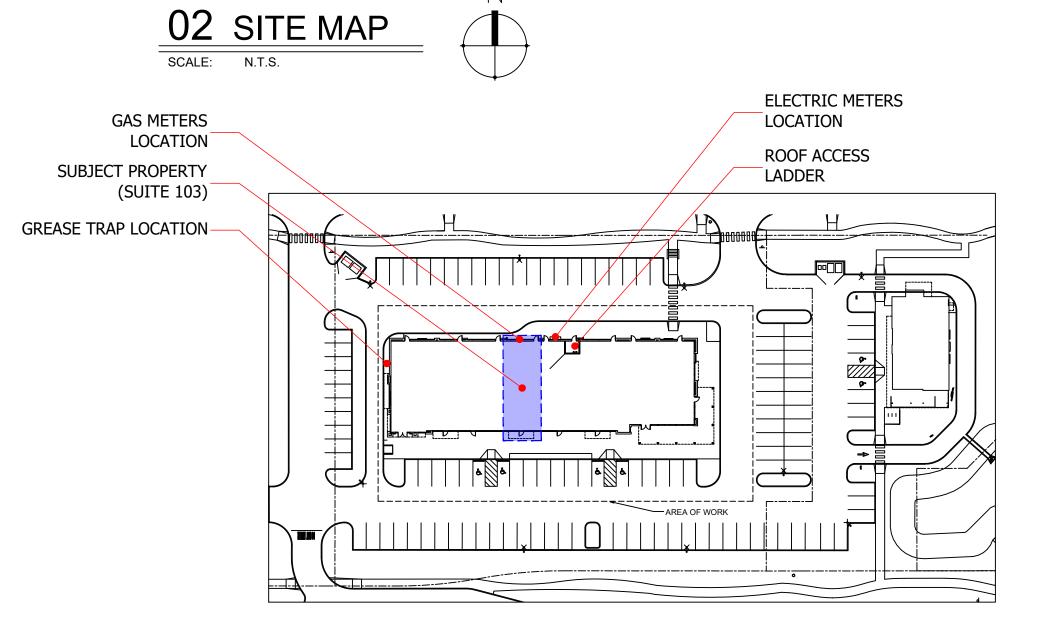
CITY OF LA VISTA COMMUNITY DEVELOPMENT 8116 PARK VIEW BLVD LA VISTA, NE 68128 402-593-6440



Tenant Finish out at: 12434 Southport Parkway, Suite #103, La Vista, NE 68128

SUBJECT PROPERTY (SUITE 103)







DRAWING INDEX

CENIEDA	1	
GENERA		
A001	TITLE SHEET / INDEX / CODE / MAP	
	CODE CHEET	
A101 A102	CODE SHEET	
A102 A103	EXISTING CONDITIONS PLAN CONSTRUCTION PLAN	
	EQUIPMENT PLAN & SCHEDULE	
A104	REFLECTED CEILING PLAN	
A105		
A106	FLOOR FINISH & FINISH SCHEDULE	
A107	RESTROOM PLAN	
A108	INTERIOR ELEVATIONS	
A109	DETAILS	
A110	DECOR	
	ICAL - MECHANICAL - PLUMBING	
E101	ELECTRICAL LIGHTING PLAN	
E102	ELECTRICAL POWER PLAN	
E103	ELECTRICAL RISER DIAGRAM & PANEL SCHEDULE	
E104	SHELL BLDG. ELECTRICAL (FOR REF ONLY)	
M101	MECHANICAL PLAN	
M102	ROOF & GAS PIPING PLAN	
M103	MECHANICAL SCHEDULES & DETAILS	
M201	MECHANICAL HOOD PACKAGE	
M202	MECHANICAL HOOD PACKAGE	
M203	MECHANICAL HOOD PACKAGE	
M301	COMCHECK	
P101	PLUMBING PLANS & NOTES	
P102	PLUMBING SCHEDULES	
P103	PLUMBING DETAILS	
P104	PLUMBING RISERS	
P105	SHELL BLDG. PLUMBING PLAN (FOR REF ONLY)	

PROJECT'S CODE INFORMATION

ADDRESS: 12434 SOUTHPORT PARKWAY, SUITE #103, LA VISTA, NE 68128

LEASE SPACE AREA: 1500 SQ. FT.

PREVIOUS USE OF SPACE: NEW SHELL / FIRST GENERATION SPACE

OCCUPANCY: B (BUSINESS) IBC 303.1.1 OCCUPANT LOAD <50 = GROUP B OCCUPANCY

CONSTRUCTION TYPE: IIB

OCCUPANCY LOADS PER IBC TABLE 1004.1.2:

ASSEMBLY W/OUT FIXED SEATS (DINING/WAITING/PICK UP): 572 SQ. FT. DIVIDED BY 15 = 38

KITCHENS/COMMERCIAL (KITCHEN/SERVICE AREA): 504 SQ. FT. DIVIDED BY 200 = 3

TOTAL OCCUPANCY: 41 OCCUPANTS

SPRINKLER SYSTEM: YES FIRE ALARM EQUIPMENT: NO

1 EXIT REQUIRED / 2 EXITS PROVIDED

2 RESTROOMS REQUIRED / 2 RESTROOMS PROVIDED

BUILDING CODES:

2018 INTERNATIONAL BUILDING CODE, IBC

2018 INTERNATIONAL FIRE CODE, IFC

2018 INTERNATIONAL MECHANICAL CODE, IMC

2018 INTERNATIONAL PLUMBING CODE, IPC 2018 NATIONAL ELECTRICAL CODE, IECC

2017 INTERNATIONAL ENERGY CONSERVATION CODE, NEC

SEPARATE PERMIT FOR SIGNAGE

DATE: 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM



711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696 FAX: (817) 635-5699

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	

TITLE SHEET

- THE DRAWINGS AND SPECIFICATIONS DESCRIBE THE COMPLETE PROJECT TO BE CONSTRUCTED BUT DO NOT DESCRIBE EVERY CONDITION. THE GENERAL CONTRACTOR IS REQUIRED TO BE THOROUGHLY FAMILIAR WITH THE PROJECT AND CONTRACT DOCUMENTS AND IS REQUIRED TO NOTE ANY DISCREPANCIES OR OMISSIONS OF STANDARD CONSTRUCTION PRACTICES IN THE DRAWINGS, SPECIFICATIONS, SITE, EXISTING CONDITIONS, UTILITIES, AND LOCAL BUILDING CODES AND REPORT THEM TO THE OWNER FOR RESOLUTION PRIOR TO SIGNING THE CONSTRUCTION CONTRACT. FAILURE TO DO SO SHALL PLACE THE BURDEN OF ANY ADDITIONAL COSTS, BECAUSE OF SUCH DISCREPANCIES OR OMISSIONS, UPON THE GENERAL CONTRACTOR.
- RESPONSIBILITY OF CONTRACTORS: EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HIS WORK OF EVERY DESCRIPTION AND IN CONNECTION WITH HIS CONTRACT. HE SHALL SPECIFICALLY AND DISTINCTLY ASSUME AND DOES SO ASSUME ALL RISKS FOR DAMAGE OR INJURY FROM WHATEVER CAUSE TO PROPERTY OR PERSONS OR PROPERTY WHEREVER LOCATED, RESULTING FROM ANY ACTION OR OPERATION UNDER THE CONTRACT OR IN CONNECTION WITH HIS WORK. EACH CONTRACTOR WILL BE HELD RESPONSIBLE FOR EXECUTION OF A SATISFACTORY AND COMPLETE PIECE OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS AND ANY BULLETINS WHICH MAY BE ISSUED DURING THE TIME OF BIDDING.
- THE GENERAL CONTRACTOR SHALL VERIFY SIZE, LOCATION AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT SUPPLIED BY THE OWNER OR OTHERS, WITH THE MANUFACTURER OR SUPPLIER PRIOR TO THE START OF RELATED WORK.
- 4. ALL SUBSTITUTIONS REQUESTED BY THE GENERAL CONTRACTOR MUST BE APPROVED BY THE OWNER PRIOR TO INSTALLATION. NO SUBSTITUTIONS WILL BE PART OF THE INITIAL BID PROCESS, PLANS MUST
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF DAMAGE DONE TO LANDLORD'S PROPERTY BY PERSONS IN HIS EMPLOY OR IN THE EMPLOY OF HIS SUBCONTRACTORS.
- 6. THE GENERAL CONTRACTOR SHALL SEE THAT ALL SUBCONTRACTORS RECEIVE COMPLETE SETS OF FINAL WORKING DRAWINGS AND ASSUME FULL RESPONSIBILITY FOR COORDINATION. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO ENSURE THEY ARE WORKING FROM THE APPROVED CONSTRUCTION SET OF DRAWINGS.
- CONTRACTOR SHALL COMPLETE ALL WORK IN A NEAT AND WORKMANLIKE MANNER, IN COMPLIANCE WITH ALL STATE, NATIONAL OR LOCAL CODES, AND SECURE THE NECESSARY PERMITS AND "GREEN TAGS."
- 8. THE CONTRACTOR SHALL MAINTAIN THE PREMISES IN A CLEAN AND ORDERLY FASHION DURING THE ENTIRE CONSTRUCTION PERIOD, REMOVING ALL TRASH AND DEBRIS ON A REGULAR BASIS.
- THE GENERAL CONTRACTOR SHALL PROVIDE THE OWNER WITH ALL PERTINENT OPERATION, MAINTENANCE AND WARRANTY INFORMATION AT THE COMPLETION OF THE PROJECT, INCLUDING THE
- 10. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY BLOCKING OR ANCHOR HARDWARE NECESSARY TO INSTALL MILLWORK AND TRADE DRESS ITEMS.
- 11. CONTRACTOR SHALL LEAVE FINISHED PREMISES IN CONDITION FOR TENANT "OWNER" TO BEGIN OPERATION OF HIS FACILITY: THIS SHALL MEAN ALL FLOORS WASHED CLEAN, WALL SURFACES CLEANED (AND WASHED WHERE REQUIRED), WINDOWS WASHED BOTH INSIDE AND OUTSIDE, ALL CONSTRUCTION DEBRIS REMOVED COMPLETELY FROM SITE, AND ALL NON-PAINTED METAL SURFACES THOROUGHLY
- 12. CONTRACT SHALL NOT BE CONSIDERED TO HAVE BEEN FULLY EXECUTED SATISFACTORILY UNTIL THE FOLLOWING HAS BEEN ESTABLISHED:
- A. BUILDING LANDLORD HAS ACCEPTED CONSTRUCTION AS BEING SATISFACTORY.
- B. OWNER'S REPRESENTATIVE OR OWNER HAS ACCEPTED CONSTRUCTION AS BEING SATISFACTORY.
- C. CITY BUILDING DEPARTMENT HAS ISSUED AN UNQUALIFIED CERTIFICATE OF OCCUPANCY.
- D. LIEN RELEASES FROM G.C. & ALL SUB-CONTRACTORS HAS BEEN SUBMITTED TO OWNER. 13. GENERAL CONTRACTOR MUST CHECK IN WITH LANDLORD'S REPRESENTATIVE PRIOR TO START OF ANY
- 14. GENERAL CONTRACTOR SHALL REPAINT AND/OR REPAIR OWNER'S PROPERTY IF DAMAGED DURING TENANT IMPROVEMENT.
- 15. ALL CEILING MATERIAL MUST HAVE CLASS "A" FIRE RATING.

MECHANICAL TEST AND BALANCE REPORT.

- 16. SUPPORT WIRES FOR LAY-IN CEILING GRID, LIGHTS, HVAC EQUIPMENT, ETC. MUST NOT BE CONNECTED TO ANY OF LANDLORD'S ELECTRICAL, PLUMBING, FIRE PROTECTION PIPING, MECHANICAL EQUIPMENT OR ROOF DECK. ALL SUPPORT WIRES MAY ONLY BE CONNECTED TO TOP CHORD OF JOIST AND/OR
- STRUCTURAL MEMBERS. 17. ALL MATERIALS USED IN THE CONSTRUCTION OF THIS SPACE MUST BE ASBESTOS FREE. 18. OWNER MUST COMPLY WITH TITLE III OF THE AMERICANS WITH DISABILITIES ACT (ADA) TITLE III

PROHIBITS DISCRIMINATION ON THE BASIS OF DISABILITY IN THE ACTIVITIES OF PLACES OF PUBLIC

ACCOMMODATIONS AND REQUIRES PLACES OF PUBLIC ACCOMMODATION TO COMPLY WITH THE ADA

- STANDARDS. OWNER ALSO MUST COMPLY WILL ALL STATE AND LOCAL CODES. 19. DO NOT SCALE DRAWING. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS AND SHALL BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR. ANY DISCREPANCY IN DIMENSIONS
- 20. EXIT LIGHTS & EMERGENCY LIGHTS INSTALLED BY G.C. PER LOCAL CODE.

SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF OWNER AND ARCHITECT.

- 21. ALL OUTLET & SWITCH COVERS TO BE NEW AND MATCH THROUGHOUT.
- 22. SMOKE DETECTION, FIRE EXTINGUISHERS AND FIRE DETECTION SYSTEMS INSTALLED BY G.C. PER LOCAL CODE.
- 23. LABOR AND MATERIAL SUPPLIED BY G.C. UNLESS NOTED OTHERWISE.
- 24. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE

- CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY OF JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING
- 25. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD OWNER AND ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ARCHITECT.
- 26. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM HIS FAILURE TO DO SO.
- 27. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING ALL WARNING SIGNS AND DEVICES NECESSARY TO SAFEGUARD THE GENERAL PUBLIC AND THE WORK, AND PROVIDE FOR THE PROPER AND SAFE ROUTING OF ALL VEHICULAR AND PEDESTRIAN TRAFFIC DURING THE PERFORMANCE OF THE WORK. THE REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO THE
- 28. THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOBSITE.
- 29. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE APPLICABLE AGENCY ENGINEER, AT THE CONTRACTOR'S
- 30. ANY RELOCATION OF PUBLIC UTILITIES SHALL BE CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE UTILITY COMPANY INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THIS WORK SHALL BE DONE AT NO EXPENSE TO THE UTILITY COMPANY. THE OWNER SHALL PAY THE COST OF ALL SUCH RELOCATION WORK INCLUDING FEES, BONDS, PERMITS, ETC.
- 31. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- 32. INTERIOR FINISH MATERIALS APPLIED TO WALL AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803.
- 33. CONSULTANT WORK THAT IS NOT A PART OF THE CONTRACT DOCUMENTS EXECUTED BY THIS AGREEMENT HAS NOT BEEN COORDINATED WITH THE ARCHITECT. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES THAT PREVENT EXECUTION OF WORK COVERED BY THESE DOCUMENTS.
- 34. AT THE TIME OF BID SUBMITTAL THE CONTRACTOR SHALL ADVISE THE OWNER & ARCHITECT (IN WRITING) OF ANY SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR WILL CAUSE A DELAY IN THE CONSTRUCTION COMPLETION SCHEDULE.
- 35. IMMEDIATELY UPON BEING AWARDED THE CONTRACT THE CONTRACTOR SHALL PREPARE AND SUBMIT TO OWNER AND ARCHITECT, A CONSTRUCTION PROGRESS SCHEDULE. THE CONSTRUCTION SCHEDULE SHALL BE CONTINUOUSLY UPDATED. THE CONTRACTOR SHALL IDENTIFY CRITICAL DUE DATES FOR:
- A. OWNER SELECTIONS TO BE PURCHASED AND INSTALLED BY THE CONTRACTOR.
- B. CONTRACTOR RECEIPT OF OWNER PURCHASED ITEMS TO BE INSTALLED BY THE CONTRACTOR.
- 36. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTION OF WORK AT HIS OWN EXPENSE FOR WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS.
- 37. CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS AND SAMPLE SUBMITTAL REQUIREMENTS FOR ACCURACY AND COMPLETENESS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- 38. WORKING DRAWING VERIFICATION: SUBCONTRACTORS SHALL PROMPTLY NOTIFY CONTRACTOR, AND CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY ERRORS, OMISSIONS OR DISCREPANCIES IN THE PLANS AND/OR SPECIFICATIONS. THE CONTRACTOR AND SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS PRIOR TO COMMENCING WORK.
- 39. GENERAL CONTRACTOR SHALL PROVIDE TO THE ARCHITECT THE FOLLOWING AT COMPLETION OF THE PROJECT:
- A. PHOTOS* THE FOLLOWING PHOTOS SHOWING THE COMPLETED WORK
- MAIN PHOTO EXTERIOR FRONT SHOWING SIGNAGE AND ENTRY
- INTERIOR PHOTOS
- EACH SPACE
- EACH WALL
- EACH CEILING
- ELECTRICAL PANELS
- TELEPHONE BOARD
- WATER HEATER & MOP SINK
- DRINK STATION FRONT COUNTER
- BEHIND FRONT COUNTER
- EXTERIOR PHOTOS
- ELECTRICAL RISER (IF NEW WORK OCCURRED) GREASE INTERCEPTOR (IF NEW WORK OCCURRED)
- ROOF
- OVERALL SHOWING NEW EQUIPMENT
- EQUIPMENT INSTALLED WITH TAGS
- B. AS-BUILT SET REDLINE SET OF CONSTRUCTION DOCUMENTS MARKED UP BY THE GC TO UPDATE SET WITH ANY CHANGES THAT OCCURRED DURING CONSTRUCTION.
- * PHOTOS ARE USED FOR REVIEW AND TRAINING PURPOSES AND MADE AVAILABLE TO THE ENTIRE JERSEY MIKE'S
- TEAM. WE GREATLY APPRECIATE ANY PHOTOS THAT ARE WELL SHOT, CLEAR, AND SHOWCASE OUR BEST WORK.

EGRESS NOTES

1500 SF / 41 PEOPLE 1 EXIT REQUIRED 2 EXIT PROVIDED 100' MAX TRAVEL DISTANCE PER IBC TABLE 1006.2.1

59' ACTUAL TRAVEL DISTANCE

SPRINKLER SYSTEM: YES

FIRE ALARM EQUIPMENT: NO

SIGNAGE ON EXIT DOORS "THIS DOOR IS TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."

EGRESS LEGEND

FIRE EXTINGUISHER

EMERGENCY LIGHT

EXIT LIGHT

COMMON PATH OF EGRESS (PATH, DISTANCE & DIRECTION)

OCCUPANCY AREA

DRAWING NOTES

- 1. VIEW OR PRINT CONSTRUCTION DOCUMENTS IN COLOR FOR BEST
- FOR GENERAL ITEMS INCLUDING COMMENTS ON THE DRAWINGS. EMAIL info@aepamerica.com REFERENCE THE PROJECT NUMBER LOCATED IN THE TITLE BLOCK.

ACCESSIBILITY NOTES

THIS PROJECT FOLLOWS THE ADA LAW.

FOR REFERENCE TO THE ADA (ACCESSIBILITY) CODES @ https://www.ada.gov/law-and-regs/design-standards/2010-stds/

KITCHEN

504 SF

AISLE

DINING 572 SF **DATE:** 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM



711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696 FAX: (817) 635-5699

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

CODE SHEET

01 CODE PLAN

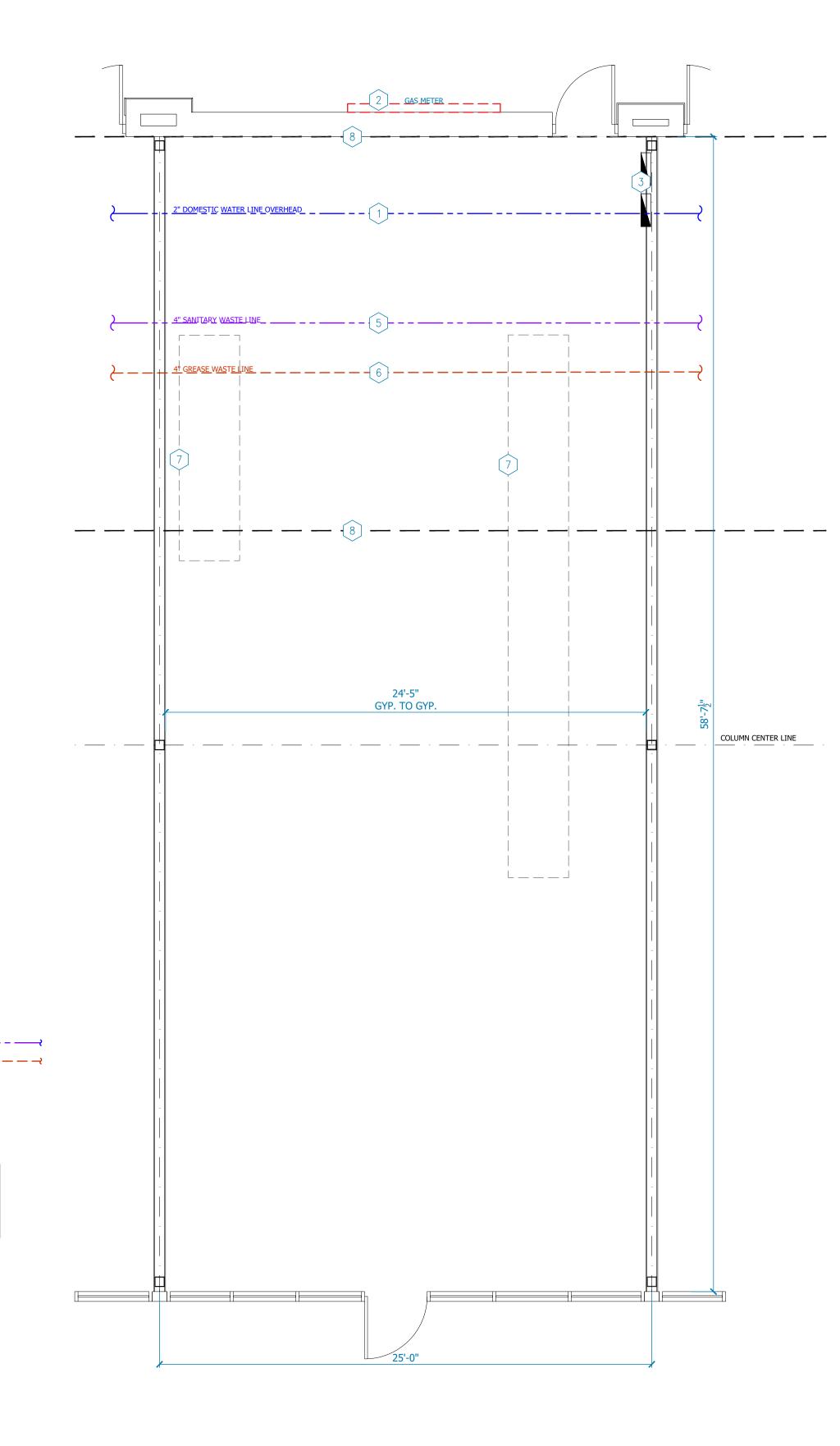
BUILDING EXIT

1 1

- 1. GC IS RESPONSIBLE TO VISIT THE SPACE PRIOR TO CONSTRUCTION TO VERIFY DIMENSIONS AND PLACEMENT OF DEMISING WALLS TO ENSURE PLANS MATCH WITH THE FIELD. GC MUST NOTIFY ARCHITECT AND OWNER OF ANY DISCREPANCIES.
- G.C. IS RESPONSIBLE TO VISIT THE SPACE PRIOR TO CONSTRUCTION AND BE FAMILIAR WITH THE EXISTING SPACE, MATERIALS, QUANTITIES, UTILITIES, AND FINISHES TO BE REMOVED.
- 3. GC TO COORDINATE THE RELOCATION & ALTERATION OF FIRE SPRINKLER AND FIRE ALARM SYSTEMS. THESE ARE SEPARATE SUBMITTALS NOT INCLUDED IN THIS SET OF DOCUMENTS.

KEYNOTES

- 1. EXISTING 2" DOMESTIC WATER LINE OVERHEAD AND WATER METER PROVIDED BY LL.
- 2. EXISTING 2" GAS LINE AND GAS METER LOCATION PROVIDED BY LL.
- 3. EXISTING POWER SUPPLY AND ELECTRIC METER LOCATION. EXISTING ELECTRICAL WIRING, PANELS AND METER TO BE PROVIDED BY LL.
- 4. MECHANICAL ROOM LOCATION. EXISTING WATER METER, 4" FIRE LINE, ROOF ACCESS AND COMMUNICATION METER LOCATION.
- 5. EXISTING 4" SANITARY WASTE LINE. TO BE PROVIDED BY LL.
- 6. EXISTING 4" GREASE WASTE LINE. 38" BELOW FINISH FLOOR. TO BE PROVIDED BY LL.
- 7. REMOVE PORTION OF CONCRETE SLAB FOR PLACEMENT OF NEW PLUMBING. REF. PLUMBING SHEETS FOR LOCATION OF FIXTURES.
- 8. SLAB LEAVE-OUT LOCATION.
- 9. TWO EXISTING ONE 6 TONS AND ONE 5 TONS RTU PROVIDED BY LL.
- 10. EXISTING SHARED GREASE TRAP PROVIDED BY LL.



DATE: 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM



711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696 FAX: (817) 635-5699

 \sum

OR CONSTRUCTION

EXISTING CONDITION PLAN



NOTE: G.C. TO VERIFY DOORS INSTALLED IN LOCATION SHOWN ON PLAN AND TO BRING UP ANY DISCREPANCIES IN DOOR LOCATION TO PROJECT MANAGER.

DOOR HARDWARE SCHEDULE

DOOR #1: (STOREFRONT ENTRY DOOR)

GC TO INSTALL HARDWARE FOR SINGLE DOOR CONFIGURATION TO INCLUDE CLOSERS, FLUSH BOLTS TOP AND BOTTOM, THRESHOLD AND WEATHER TO INCLUDE, PANIC BAR HARDWARE: CAL ROYAL LBR2260V3684 EXIT ALARM PANIC BAR (OR EQUAL)

DOOR #2: (DELIVERY)

HINGE: 1 1/2 PAIR, #TA2714, 4 1/2"x4 1/2" McKINNEY LATCH: EMERGENCY EXIT PANIC BAR W/ ALARM. CLOSER: #411, LCN (W/HOLD OPEN FEATURE) THRESHOLD: #171Ax3/0, PEMCO

DOOR SWEEP: #172Ax3/0, REESE WEATHER-STRIPPING

DOOR #3: (RESTROOM DOORS) HINGE: 1 1/2 PAIR, #TA2714, 4 1/2"x4 1/2"

McKINNEY LEVERSET: #D40S-R-O, 626 -SCHLAGE CLOSER: #411, LCN (W/HOLD OPEN FEATURE)

SIGNAGE: UNISEX RESTROOM SIGNAGE - "UNISEX" (SEE DETAIL ON SHEET AXXX) - PROVIDED BY VENDOR, INSTALLED BY GC KICKPLATE: 8" KICKPLATE TO MATCH DOOR HARDWARE, ON EACH SIDE OF DOOR PANEL

STOP: DOOR STOP - 252F WITH US26D SATIN CHROME FINISH - HAGER INDICATOR LOCKS

DOOR/HARDWARE NOTES

- 1. HARDWARE SUPPLIER OR GC SHALL PROVIDE SHOP DRAWINGS AND CUT SHEETS OF THE PROPOSED HARDWARE TO THE OWNER FOR REVIEW.
- 2. GC TO ENSURE ALL DOORS HAVE ALL HARDWARE SPECIFIED AND OPERATE PROPERLY.
- 3. GC TO INSTALL WEATHER STRIPPING @ ALL EXTERIOR DOORS IF NOT EXISTING.
- 4. GC TO INSTALL SWEEP STRIP @ ALL EXTERIOR DOORS IF NOT EXISTING. 5. EGRESS, SIGN, DOOR TO REMAIN UNLOCKED, 2015 IBC CHAPTER 10, SECTION 1010.1.9.3 (2.2) DOOR SIGNAGE TO READ "THIS

SCALE: N.T.S.

DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND.

GENERAL NOTES 1. INSTALL 5/8" FIRE RATED PLYWOOD AT ALL BLOCKING AREAS. INSTALL BLOCKING AT WALL MOUNTED FIXTURES, SIGNS, TVs ETC. (BLOCKING TO BE FIRE RATED) 2. ALL DIMENSIONS ARE TO GYPSUM BOARD FINISH WALL U.N.O. GC TO VERIFY ALL DIMENSIONS IN FIELD AND REPORT ANY DISCREPANCIES TO ARCHITECT

3. A KNOX BOX IS REQUIRED UNLESS THERE IS ONE FOR THE RETAIL CENTER.

4. OCCUPANT LOAD SIGNS FOR SEATING AREA SHALL BE POSTED AT OR NEAR FRONT EXIT DOOR. SIGN MUST BE OF APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY OWNER/AGENT.

5. APPROVED ADDRESS SUITE NUMBERS SHALL BE PLACED ABOVE ENTRANCE, AND WHEN PLACED ON GLASS, THE NUMBERS SHALL BE WHITE WITH A MINIMUM OF 6" IN HEIGHT.

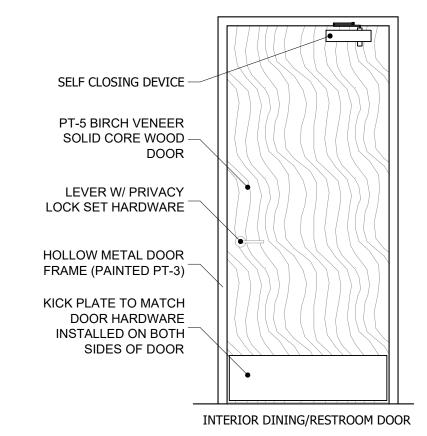
KEYNOTES 🗵

1. GC TO INFILL CONCRETE WHERE TRENCHING OCCURS. REF DETAIL 03/A103.

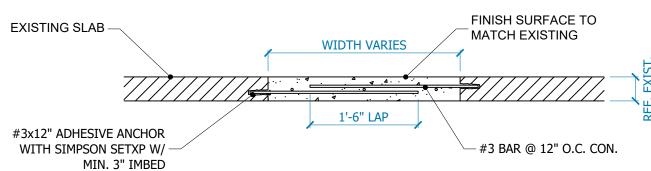
WALL LEGEND

EXISTING WALL 6" DEMISING WALL 3-5/8" METAL STUD WALL LOW UNDERCOUNTER WALL 1-5/8" METAL STUD WALL



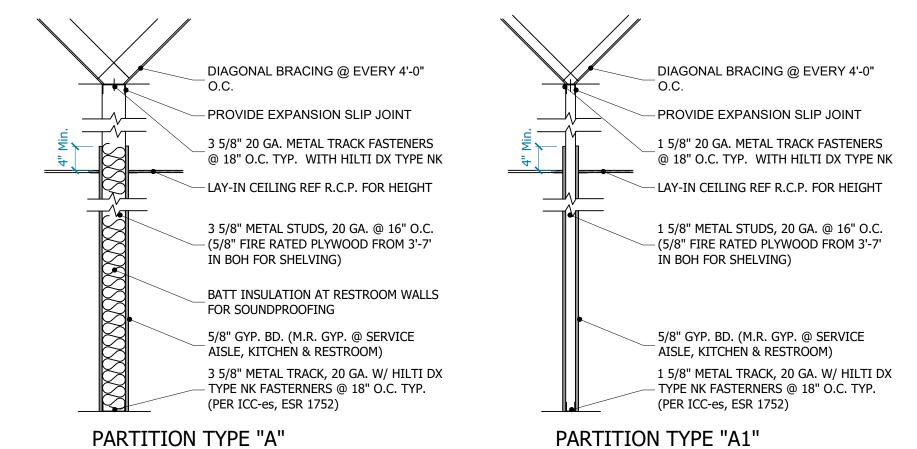


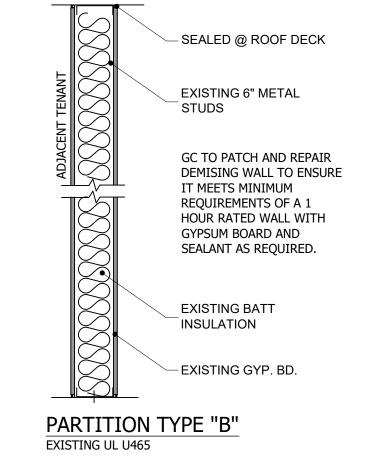
04 INTERIOR DOOR ELEVATION

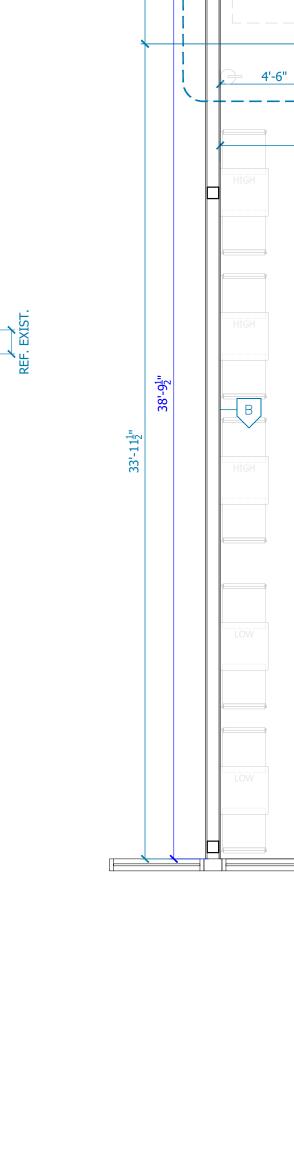


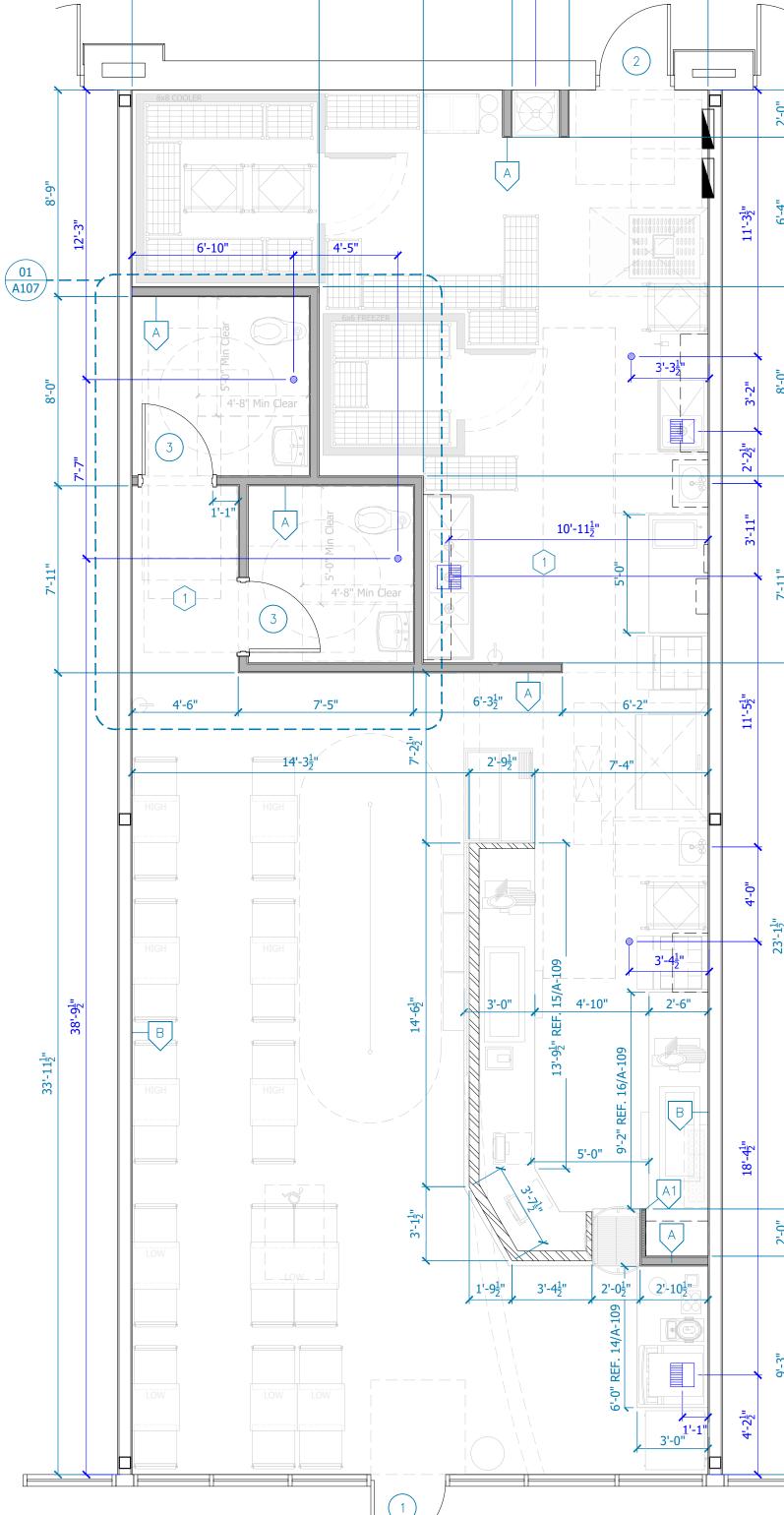
03 TRENCH IN-FILL DETAIL

SCALE: 3/4"=1'-0"









DATE: 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM



711 N. FIELDER RD. ARLINGTON, TX 76012

PH: (817) 635-5696 FAX: (817) 635-5699

> ___

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

CONSTRUCTION PLAN

EQUIPN	MENT SCHEDULE						
KEY QTY.	ITEM NAME	MANUFACTURER	MODEL NUMBER	SUPPLIER	POWER REQUIRED	PLUMBING REQUIRED	MISC. NOTES
1 -	6' MEAT CASE	HOWARD MCCRAY	SC-CDS34N-6-JM	ECO	8.7AMP 115V/60/1		NSF-7. CONNECTION TO BE HARDWIRED BELOW FRONT COUNTER. GC/MILLWORK TO PROVIDE PVC CHASE IN KNEE WALL FOR CONNECTION. PROVIDE CABLE RACEWAY CORD HIDER FOR EXPOSED CORD.
1A 1	4' MEAT CASE	HOWARD MCCRAY	SC-CDS34N-4-JM	ECO	6 AMP 115V/60/1		NSF-7. CONNECTION TO BE HARDWIRED BELOW FRONT COUNTER. GC/MILLWORK TO PROVIDE PVC CHASE IN KNEE WALL FOR CONNECTION. PROVIDE CABLE RACEWAY CORD HIDER FOR EXPOSED CORD.
2 1	SNEEZEGUARD	C.R. LAURENCE		GC			C.R. LAURENCE 323-588-1281 X 7710 RICARDO BASULTO
3 2	4' DROP IN COLD UNIT	DELFIELD	N8148-EFN	ECO	7.5 AMP 115V/115V/60/V		NO DRAIN REQUIRED. OUTLET INSTALLED AT 18"AFF
3A - 4 2	2' DROP IN COLD UNIT SLICER	DELFIELD BIZERBA	N8118-EF GSP-H33 W/LIFT	ECO ECO	7.5 AMP 115V/ 115V/60/V 120V/ 60/ 1		NO DRAIN REQUIRED. OUTLET INSTALLED AT 18"AFF OUTLET INSTALLED AT 24"AFF, IN MILLWORK
5 1	MENU BOARD	JMFS	JMFS	GRAPHICS CO.			ORDERED WITH GRAPHICS PACKAGE
6 1	TELEPHONE	VARIES	VARIES	FRANCHISEE			2 LINE PHONE. OUTLET INSTALLED AT 42"AFF
7 3	CHIP DISPLAY UNIT	PEPSI		PEPSI			
8 2	CASH REGISTER	INFOSOFT	UP700	FRANCHISEE			REG. W/ COMM. MODEM, CASH DRAWER, RECEIPT & JOURNAL (2 SETS KEYS). OUTLET INSTALLED AT 18"AFF
10 1	BREAD OVEN	NUVU	QB 5/ 10 AUTOMIST	ECO	29AMP 208V/ 1 OR 3PH OR 29AMP 240V/1 OR 3PH	1/4" SUPPLY LINE	AUTO MISTER NOT OPTIONAL. OUTLET INSTALLED AT 78"AFF. ENGINEER TO REVIEW IF HARDWIRED CONNECTION IS REQUIRED PER SITE CONDITIONS.
11 LOT	BREAD PANS	WINCO	ALXP1826	SMALLWARES CO.			18 GAUGE SHEET PANS
12 4	BREAD RACK	CAMBRO	UPR1826FHP	FIVE KIDS GROUP, INC.			W/ (2) CURTAIN COVERS, WINDOW DISPLAY, ZIPPER
13 2	HAND SINK - WALL HUNG	KROWNE	WM260-JM	ECO		CHG FKL45-4000-RE4 FAUCET	WALL MOUNT HAND SINK W/ TWO 7 3/4" SIDE SPLASHES AND FAUCET
13A -	HAND SINK - DROP IN	NBR	DI-1-101410LR	ECO		CHG FKL45-4000-RE4 FAUCET CHG KL53-1000-AF4 PRE-RINCE SPRAYER/	DECK MOUNT HAND SINK WITH ONE 6" END SPLASH. VERIFY QUANTITY
14 1	3 COMPARTMENT SINK	FIVE KIDS GROUP	FC-3JM-DB	ECO		ADD-A-FAUCET, KL54-8012 FAUCET AND D50-7100 LEVER WASTES - QTY 3	IF TALLER THAN 9", END SPLASHES ARE REQUIRED
14A -	3 COMPARTMENT SINK	FIVE KIDS GROUP	FC-3JM24-DB	ECO		CHG KL53-1000-AF4 PRE-RINCE SPRAYER/ ADD-A-FAUCET, KL54-8012 FAUCET AND D50-7100 LEVER WASTES - QTY 3	94" MODEL. IF TALLER THAN 9", END SPLASHES ARE REQUIRED
15 1	PREP SINK	FIVE KIDS GROUP	FC-1JM-D_	ECO		CHG KL54-8002 FAUCET	ONE COMPARTMENT SINK WITH DRAINBOARD ON EITHER THE LEFT OR RIGHT SIDE
15A -	PREP SINK	FIVE KIDS GROUP	FC-1JM18-D_	ECO		CHG KL54-8002 FAUCET	ONE COMPARTMENT SINK WITH DRAINBOARD ON EITHER THE LEFT OR RIGHT SIDE
16 20	WIRE SHELVING	METRO		ECO			2 TIER WALL SHELVES OVER SINKS & S/S TABLES, 4 TIER COOLER/FREEZER SHELVING & DRY STORAGE. WOOD BLOCKING IS REQUIRED FOR INSTALLATION OF ALL WALL MOUNTED SHELVING.
17 1	1 DOOR PEPSI COOLER	PEPSI	1150	PEPSI			OUTLET INSTALLED AT 18"AFF
17A - 18 1	2 DOOR PEPSI COOLER WALK IN COOLER	PEPSI NORLAKE	1260 JM7S88-CR-J-36-RCP	PEPSI ECO	115V FOR LIGHTS AND DOOR HEATER, 15 AMP BREAKER		OUTLET INSTALLED AT 18"AFF FLOORLESS, CLOSE COUPLED SYSTEM. FIELD COORDINATE POWER REQUIREMENT. DOOR SECTION TO BE RAISED
		NORLAKE	CPB075JC-S-4-EV		CONDENSING UNIT - 208-230/ 60/1, RLA 6, MCA 8.6, 15A MAX FUSE		5/8" FOR TILE APPLICATION
18A 1	CAPSULE PACK			ECO	EVAPORATOR UNIT - 208-230/ 60/1, MCA 0.3, 15A MAX FUSE		WILL INCLUDE PIGTAIL FOR SINGLE PORT CONNECTION - MUST BE HARDWIRED
19 1	STEP IN FREEZER	NORLAKE	JMF7766-CL-J-36-RCP	ECO	115V FOR LIGHTS AND DOOR HEATER, 15 AMP BREAKER CONDENSING UNIT - 208-230/ 60/1, RLA 6.1, MCA 9, 15A MAX FUSE		CLOSE COUPLED SYSTEM WITH 4" STEP-UP FLOOR PANEL. FIELD COORDINATE POWER REQUIREMENT
19A 1 20 1	CAPSULE PACK MOP SINK	NORLAKE	CPF-100JC-S-4-EV 2'X2'	GC ECO	EVAPORATOR UNIT - 208-230/ 60/1, MCA 9, 15A MAX FUSE	1/2" SUPPLY 1-1/2" DRAIN, VENT	WILL INCLUDE PIGTAIL FOR SINGLE PORT CONNECTION - MUST BE HARDWIRED MOP HANGER AND WALL GUARD
20 1	SANDWICH UNIT	DELFIELD	D4427-8-JM3	ECO	115V/60/1	1/2 SUFFELT 1-1/2 DIVAIN, VENT	W/CASTERS AND COVER ENHANCEMENT. OUTLET INSTALLED AT 18"AFF
21A 2	MEGATOP SANDWICH UNIT	ENTREE	JM-ST27E-2DX	ECO	115V/60/1		W/CASTERS AND COVER ENHANCEMENT. OUTLET INSTALLED AT 18"AFF
22 1	GRILLE	IMPERIAL	IR-G48T-XB-JMII	ECO		CONFIRM NATURAL OR LP GAS	OPTION:CASTER, FLEX GAS HOSE, QUICK CONNECT & RESTRAINING DEVICE. BE SURE TO INCLUDE PERFORMANCE CHECK
23 1	EXHAUST HOOD SYSTEM & FIRE SYSTEM	CAPTIVE AIRE	ANSUL	ECO	(4) 115V	FIRE SYSTEM ANSUL	SHOP DRAWINGS ARE REQUIRED. CONTACT: REG32NA@CAPTIVEAIRE.COM OR 301-825-5476
23A -	CONDENSATE HOOD	CAPTIVE AIRE	5424VHB	ECO	(1) 115V		SHOP DRAWINGS ARE REQUIRED. CONTACT: REG32NA@CAPTIVEAIRE.COM OR 301-825-5476
23B 1	CONDENSATE HOOD	CAPTIVE AIRE	6024VHB	ECO	(1) 115V		SHOP DRAWINGS ARE REQUIRED. CONTACT: REG32NA@CAPTIVEAIRE.COM OR 301-825-5476
24 - 25 2	T.V.'S W/ MOUNTING BRACKETS PORTABLE FIRE EXTINGUISHERS	VARIES	42" MONITOR	FRANCHISEE/ GC	110 VOLT		OUTLET AT 102"AFF, WALL BRACKETS REQUIRED. WALL MOUNTED
26 1	DRINK DISPENSER & ADAPTER KIT	PEPSI	DISPENSER: IDC255,	PEPSI	9.3 AMP 115V/60/1	1/2" SUPPLY, CONDENSATION DRAIN	COORDINATE W/ PEPSI. OUTLET INSTALLED AT 42"AFF
27 1	FLOOR SAFE	VARIES	ADAPTOR: 80002957 VARIES	FRANCHISEE			
28 1	ICED TEA BREWER/DISPENSER	BUNN	TB3Q	LUZIANNE	120V, 14.4 AMP		1-800-627-2094. OUTLET INSTALLED AT 42"AFF
29 -							NO DRAIN REQUIRED. NEMA NO. 5-15 PLUG AT 18"AFF.
30 1 30A -	S.S. TABLE 24"X24"	FIVE KIDS GROUP	WTS-244BS-316 TKMS-368	ECO			
30A -	BACK LINE PREP TABLE S.S. TABLE 30"X30"	ADVANCE TABCO FIVE KIDS GROUP	WTS-24 -4BS-316	ECO ECO			VERIFY SIZE
30C -	S.S. TABLE 24"X_"	FIVE KIDS GROUP	WTS-244BS-316	ECO			VERIFY SIZE
31 1	COUNTER TOP FOOD WARMER	VOLLRATH	71001 MODEL 1001	SMALLWARES CO.	120V, 5.8 AMP		OUTLET INSTALLED AT 54"AFF
31B 1	RECESSED BACON WARMER	MARSHALL	JM8001K	FIVE KIDS GROUP, INC.	120V, 3.5 AMP AC ADAPTER DC 12V/1A OR 12V/800mA, INTERNAL RECHARGEABLE		NO DRAIN. 14/3 CORD WITH NEMA 5-15 PLUG. OUTLET INSTALLED AT 42"AFF
32 1	COUNTER SCALE	CAS	ED-30	ECO	SEALED ACID BATTERY - 6V DC		SITS ON TOP OF AND POWERS INTO THE MEAT CASE
33 - 33A -	UNDER COUNTER DRAWERED REF. UNDER COUNTER REF.	HOSHIZAKI HOSHIZAKI	JM-UR27A-D2 HR24B	ECO ECO	1.15 AMP 115V/60/1. 5-15P		OUTLET INSTALLED AT 18"AFF. ORDERED WITH LOW PROFILE CASTERS NEMA 5-15P OUTLET INSTALLED AT 18"AFF
34 1	BAG IN BOX SYSTEM	PEPSI	PEPSI	PEPSI	110 / 120V - 20 AMP DUAL OUTLET	1/2" SUPPLY	WATER CONNECTION IS NEEDED FOR THE FILTRATION SYSTEM. OUTLET CAN BE INSTALLED AT 84"AFF.
35 1	REFUSE CONTAINER	ALPINE	470-65L	SMALLWARES CO.			STAINLESS STEEL FINISH
35A 1	SLIM JIM REFUSE CONTAINER	RUBBERMAID	11"X20"	FIVE KIDS GROUP, INC.			
36A 10	TABLE TOPS	FIVE KIDS GROUP	24"X24"	FIVE KIDS GROUP, INC.			ADA COMPLIANT TARI ETOD
37 1	TABLE TOPS BAR COUNTER	FIVE KIDS GROUP	24"X45"	FIVE KIDS GROUP, INC.			ADA COMPLIANT TABLETOP SEE FURNITURE DETAIL. BUILD ON SITE. ONE HIGH. ONE LOW
39 -	COMMUNITY TABLE	FIVE KIDS GROUP	30"X109"	FIVE KIDS GROUP			BUILD SURFBOARD ABOVE ON SITE. SURFBOARD, MOUNTING ROPE, AND 3 PENDANT FIXTURES ARE
40 6	TABLE BASES - HIGH	FIVE KIDS GROUP	BLACK CRINKLE	FIVE KIDS GROUP, INC.			SUPPLIED THROUGH CURTIS 1000. REFER TO DETAILS IN PLANS
41 6	TABLE BASES - LOW	FIVE KIDS GROUP	BLACK CRINKLE	FIVE KIDS GROUP, INC.			2 TABLE BASES TO BE ORDERED FOR ADA TABLES
42 12	CHAIRS - HIGH	FIVE KIDS GROUP		FIVE KIDS GROUP, INC.			
43 12	CHAIRS - LOW	FIVE KIDS GROUP		FIVE KIDS GROUP, INC.			CEE FURNITURE DETAIL BUT D ON CYTE
44 -	BANQUETTE SEATING WATER HEATER	GC		GC			SEE FURNITURE DETAIL. BUILD ON SITE SEE PLUMBING PLANS FOR DETAILS
46 1	ICE MAKER	HOSHIZAKI	KM-520MAJ	ECO	115V/60 20 AMP BREAKER	PROVIDE DRAIN	OUTLET INSTALLED AT 42"AFF
47 1	PICK UP TOWER	METRO		ECO			CUSTOM METRO SHELVING 63"H, 24"D, 24"L
48 -	PICK UP TOWER 36"						
49 1	JUICE SHELVING	METRO CROUP	IMEG	FIVE KIDS GROUP, INC.			METRO SHELVING 7"H, 12"D, 42"L
49A 1 50 2	JUICE CRATES STANCHIONS	FIVE KIDS GROUP VISIONTRON	JMFS VS301 (BLACK)	FIVE KIDS GROUP, INC. FIVE KIDS GROUP, INC.			WWW.CROWDCONTROLWAREHOUSE.COM, SINGLE LINE 7-5'
50 2	CEILING MOUNTED SPEAKERS	VIOIOIVIROIN	10001 (DENOIN)	SOURSE 1			770-977-5774 / 4 UNITS INSTALLED IN DINING ROOM & 1 UNIT IN EACH RESTROOM
52 2	TROUGH	FIVE KIDS GROUP, INC.	ze	DISTRIBUTORS FIVE KIDS GROUP, INC.			24" LONG X 4" WIDE TROUGH WITH SIDE SQUEEGE ATTACHMENT
53 -	BABY CHANGING TABLE			SMALLWARES CO.			TO BE INSTALLED IN WOMENS RESTROOM
54 -	LOCKERS	QUALSERV	DD006402	ECO			TYPICALLY ORDERED WHEN REQ'D BY HD
55 -	AIR CURTAIN	BERNER	CHC10-1036AA	ECO	(1) 120V		OUTLET CAN BE INSTALLED AT 80"AFF.

NOTES:

- 1. GC TO INSTALL BLOCKING AT WALL MOUNTED FIXTURES (BLOCKING TO BE FIRE RATED).
- 2. KITCHEN EQUIPMENT SUPPLIER TO VERIFY EQUIPMENT WITH DOORS TO BE ORDERED "R" OR "L"
- TO ALIGN WITH OPERATION AND PLAN LAYOUT. 3. GC TO INSTALL ALL SCHEDULED FIXTURES UNLESS NOTED OTHERWISE.

CAPTIVE AIRE EQUIPMENT:

- 1. MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR THE INSTALLATION OF ALL CAPTIVE AIRE EQUIPMENT.
- 2. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL THE GREASE AND SUPPLY DUCTWORK.
- 3. THE FOOD SERVICE DEALER SUPPLIES THE HOODS, FIRE SYSTEM, FANS, CURBS, AND ELECTRICAL PACKAGE TO BE INSTALLED BY THE MECHANICAL CONTRACTOR.

DATE: 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM



711 N. FIELDER RD. ARLINGTON, TX 76012

PH: (817) 635-5696 FAX: (817) 635-5699

#103

NOT FOR REGULATORY APPROVAL, PERMITTING
OR CONSTRUCTION

Revisions

EQUIPMENT PLAN & SCHEDULE



42 HIGH 36A(40)

42 HIGH 36A) (40)

LIGI	LIGHTING LEGEND										
TYPE	QTY	DESCRIPTION	SUPPLIER	MODEL #	CATALOG #	SYMBOL	WATTS	VOLTS	MOUNTING	LOCATION	COMMENTS
A	9	2'X4' LED LAY-IN W/ ACRYLIC LENSES	HERMITAGE LIGHTING	C-TR-A-FR24 SERIES, 50 LUMEN, 35K WARM WHITE, WHITE COLOR	72010201	SWITCH	44	120	LAY-IN	KITCHEN	2X4 FLAT PANEL LED
A1	2	2'X4' LED LAY-IN W/ TROFFER LENSES	HERMITAGE LIGHTING	RP2418-LED60DMV35	9702235		44	120	LAY-IN	CUSTOMER AREA, RESTROOMS	2X4 DIRECT/INDIRECT TROFFER LED
В	2	2'X2' LED LAY-IN W/ ACRYLIC LENSES	HERMITAGE LIGHTING	C-TR-B-FP22 SERIES, 40 LUMEN, 35K WARM WHITE, WHITE COLOR	72010243		19	120	LAY-IN	KITCHEN	2X2 FLAT PANEL LED
B1	10	2'X2' LED LAY-IN W/ TROFFER LENSES	HERMITAGE LIGHTING	R29-LED42DMV35	9702243		19	120	LAY-IN	CUSTOMER AREA, RESTROOMS	2X2 DIRECT/INDIRECT PARABOLIC LED
Т	3	TRACK LIGHTING (4' TRACKS)	HERMITAGE LIGHTING	R600L G2 35K WH	18644197	0000	10	120	TRACK	SERVICE AISLE	MOUNT AT 9'-0" AFF. TRACK LIGHTING IN FRONT OF MENU FACES HEADS TOWARDS MENU BOARD. TRACK LIGHTING ABOVE MEAT CASE AND SLICER FACES HEADS DOWN TOWARD EQUIPMENT BELOW.
W1*	6	WALL SCOUNCE	FIVE KIDS GROUP, INC.		JM9002	-•	6	120	WALL	DINING	MOUNT AT 8-6" AFF. WALL SCONCE POLISHED NICKEL. G40 LED FILAMENT BULB
E1	5	(2)-HEAD EMERGENCY EGRESS FIXTURE	HERMITAGE LIGHTING	LED-90 WHITE	90902323		2.2	120	WALL		2-HEAD 6V EMERGENCY. INTEGRAL BATTERY. PACK TO BE CONNECTED TO UNSWITCHED "SENSING" CIRCUIT. PROVIDE LIGHTING MANUFACTURER RECOMMENDED EMERGENCY BATTERY BACKUP CAPABLE OF 90 MINUTE RUNTIME
E2	2	EXIT SIGN (LED) (RED), COMBINATION	HERMITAGE LIGHTING	VLED-EL90 SERIES	90902167		2.2	120	WALL		EXIT/EMERG. COMBO LED W/REMOTE. INTEGRAL BATTERY. PACK TO BE CONNECTED TO UNSWITCHED "SENSING" CIRCUIT. PROVIDE LIGHTING MANUFACTURER RECOMMENDED EMERGENCY BATTERY BACKUP CAPABLE OF 90 MINUTE RUNTIME
LL	-	SUSPENSION DINING ROOM 1X4	HERMITAGE LIGHTING	SCX-4FT-40W-35K-D	51900837		40	120	SUSPENSION	DINING	FOR USE IN OPEN CEILING CONDITIONS. MOUNT AT 12'-0"AFF
P1**	-	PENDANT			H111701-PN	©	6	120	PENDANT		PENDANT POLISHED NICKEL. G40 LED FILAMENT BULB.
1											

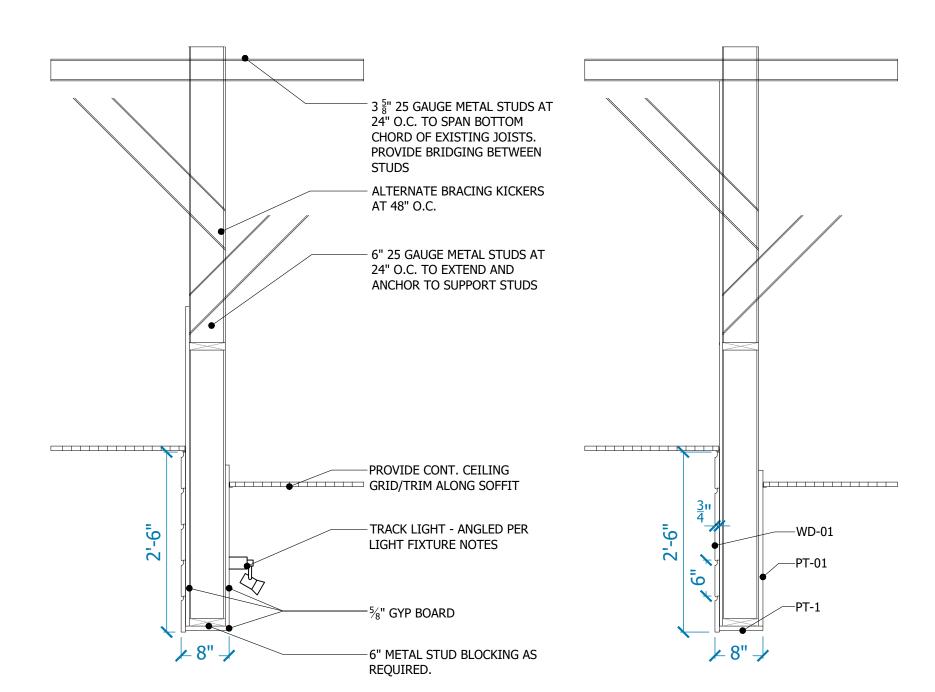
• ALL LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE (UNLESS NOTED WITH **) ARE PROVIDED BY THE CONTRACTOR VIA A NATIONAL CONTRACT WITH FSG LIGHTING NATIONAL ACCOUNTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE WITH LEON MOWADIA OF FSG AT (212) 776-7900 x21113, OR (848) 203-7175, OR BY EMAIL LEON.MOWADIA@FSGI.COM AND/OR CCC2@FSGI.COM

• LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE ARE PROVIDED BY THE CONTRACTOR, VIA A NATIONAL CONTRACT WITH FIVE KIDS GROUP, INC. THE CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE THROUGH CUSTOMERSERVICE@UNISERVINC.COM TO SETUP AN ACCOUNT. ALL ORDERS WILL BE PLACED THROUGH JM.FIVEKIDSGROUP.COM USING THE LOGIN CREDENTIALS AFTER SETUP.

CEILI	NG				
TAG	SOURCE	TYPE	COLOR	SIZE	COMMENTS
CT-1	ARMSTRONG	ACOUSTICAL CEILING TILE VINYL FACED	WHITE VINYL	2' X 4'	FOOD PREP AREAS AND RESTROOMS, HD APPROVED VINYL FACED
CT-2	ARMSTRONG	ACOUSTICAL CEILING TILE FISSURED 2X2 WITH TEGULAR EDGE	WHITE	2' X 2'	CUSTOMER AREA AND RESTROOM VESTIBULE
S-1	GYPSUM SOFFIT				SEE DETAIL

• **THIS P1 FIXTURE IS INCLUDED AND COMES WITH THE SUSPENDED SURFBOARD GRAPHICS PACKAGE (WHEN A COMMUNITY TABLE IS SPEC'D), AND DOES NOT NEED TO BE ORDERED WITH THE BALANCE OF THE NEW LIGHTING FIXTURES FOR THE PROJECT.

SOFFIT DESIGN:
THE CUSTOMER SIDE FACE OF THE CURVED SOFFIT, WILL ALIGN WITH THE CUSTOMER SIDE FACE OF THE FRONT COUNTER. THE CURVE WILL BEGIN AT THE END OF THE SNEEZE GUARD, AND WILL CONTINUE TO THE FRONT OF THE STORE - EITHER ENDING WHEN THE CURVE HITS THE DEMISING WALL, OR THE FRONT OF THE BUILDING. SOFFIT RADIUS IS 38'-0".



03 BULKHEAD @ DINING



DATE: 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM



711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696

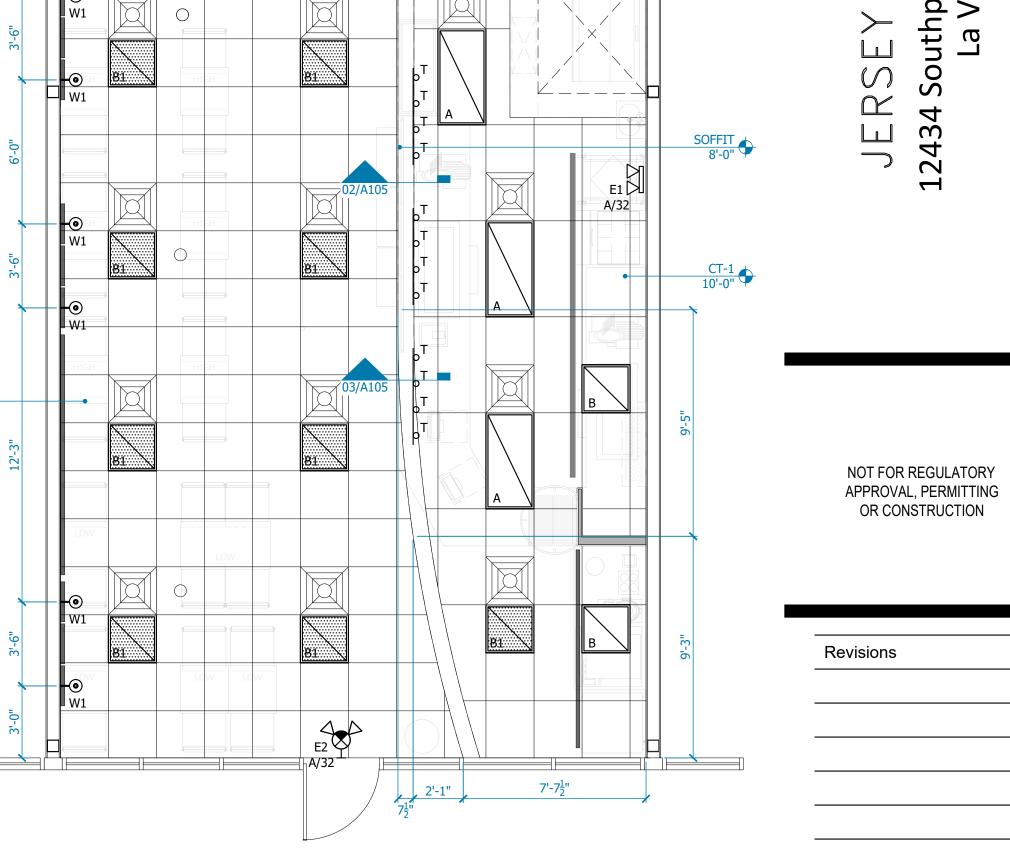
FAX: (817) 635-5699

 \sum

Revisions

REFLECTED **CEILING PLAN**

01 REFLECTED CEILING PLAN

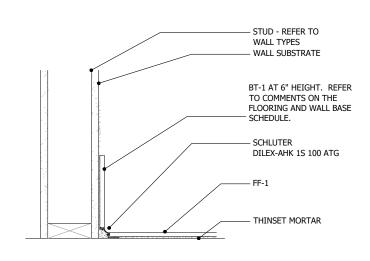


A/32

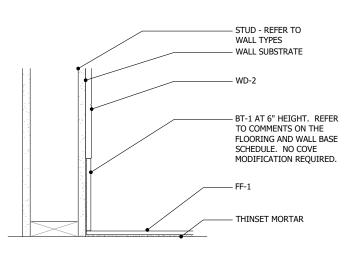
DOWN (VERTICAL)

CT-2 10'-6"

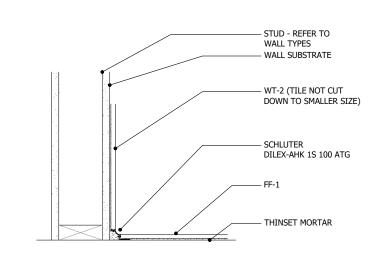
DOWN (VERTICAL)
ABOVE COOLER/FREEZER



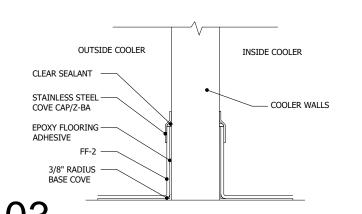
06 COVE PROFILE AT BEVERAGE COUNTER 1 1/2"=1'-0"



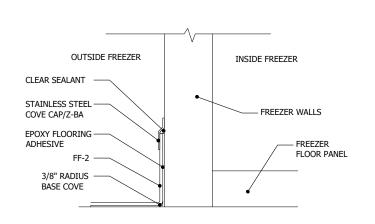
05 COVE PROFILE IN DINING ROOM SCALE: 1 1/2"=1'-0"



04 COVE PROFILE IN RESTROOMS 1 1/2"=1'-0"



PROTECT-ALL FL. @ WALK-IN COOLER SCALE: 1 1/2"=1'-0"



02 PROTECT-ALL FL. @ WALK-IN FREEZER

SCALE: 1 1/2"=1'-0"

COLOR COMMENTS CUSTOMER AREAS - DINING, RESTROOM, AND HALLWAY(S). 6"X36", 5/16"D. GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09. GROUT JOINT RECOMMENDED PART #N813 JM6361PR AT $\frac{3}{16}$ ". PATTERN TO BE INSTALLED IN RANDOM ARRANGEMENT. LIGHT GRAY, ALTERNATIVE TO QT-1. SEE DETAILS 02/A106 AND 03/A106 FOR BASE DETAILS. MATTE FINISH. KITCHEN FLOORING. GROUT: MAPEI FLEXCOLOR CQ10 BLACK BLACK CUT FULL 12"X24" TILE (WT-2) DOWN TO 6"X12" FOR DINING ROOM WALL BASE, SABLE BLACK IC15-AND 4"X12" ON MILLWORK TOE KICK IN CUSTOMER AREAS. USE SCHLUTER

GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09

DILEX-AHK (POLISHED NICKEL) WHEN COVE BASE APPLICATION IS REQUIRED.

WILL BE INSTALLED AROUND THE PERIMETER OF KITCHEN AND KITCHEN MILLWORK TOE KICK. GROUT: MAPEI FLEXCOLOR CQ10 BLACK

COUNTER FINISHES

FLOORING AND WALL BASE

DESCRIPTION

12X12 PAVER 0Q97661P

6X6 QUARRY COVE TILE

PORCELAIN TILE 6X36 JM BROWN WOOD

THICK

0Q74

SLIP-RESISTANT 5' X 8' SHEETS, 1/4"

PORCELAIN TILE IRON CRAFT

VINYL FLOORING

QUARRY TILE

6X6 QUARRY

COVE TILE

TAG SOURCE

DAL TILE

FLOORING

DAL TILE

DAL TILE

DAL TILE

FF-1

FF-2

TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
SS-1	COUNTERTOP	CONSENTINO	SILESTONE - ETERNAL SERIES 2 CM	CHARCOAL SOAPSTONE - SUEDE	COUNTERTOP FINISH FOR ALL MILLWORK

UNPOLISHED

WOOD

	TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
	WD-1	WAINSCOT	GC	1"X SHIPLAP, D. FIR NO2 (STANDARD) GRADE, SMOOTH FINISH.	PAINTED PT-1	ON THE CUSTOMER SIDE OF THE FRONT LINE SOFFIT.
	WD-2	WAINSCOT	FIVE KIDS GROUP, INC	ENGINEERED WHITE OAK PANELING	WHITE OAK	ACCENT WALL (PER PLAN). BOTTOM OF CHAIR RAIL IN DINING ROOM AND VESTIBULE. BEVERAGE COUNTER MILLWORK DOORS. BANQUETTE BACK AND SEAT. USE SCHULTER JOLLY (POLISHED NICKEL) FOR WALL EDGING, WHEN REQUIRED.
	WD-3	BAR COUNTER	FIVE KIDS GROUP, INC	TEAK		GC TO ORDER FROM FIVE KIDS GROUP. TABLETOP TO MATCH DINING ROOM TABLE TOPS
	WD-4	FURNITURE BASE	GC		PAINTED PT-1	CONSTRUCTION OF DINING ROOM FURNITURE - COMMUNITY TABLE, BANQUETTE, AND BAR COUNTER
	WD-5	HARDWOOD CAP	GC	³ ⁄ ₄ " HARDWOOD	PAINTED PT-6	FOR LOW WALL CAP AND WINDOW SILLS, WHEN CONDITION(S) OCCUR. ALLOW $\frac{1}{2}$ "OVERHANG.
	WD-6	WAINSCOT PANEL	MARLITE	ITEM #206916. 23 ¾" X 96" X ½" PANEL	BY MANUFACTURER - PNL 9099	BEHIND BEACH CHAIR GRAPHICS IN DINING ROOM - REFER TO ELEVATIONS. FACE OF COUNTER ON THE FRONT LINE.
İ			1	1	1	

WALL FINISHES

TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
W-1	STAINLESS STEEL WAINSCOT	CAPTIVE AIRE	BRUSHED S/S 20 GAUGE FROM TOP OF Q.T. BASE		FULL HEIGHT TO HOOD, BEHIND GRILL AND BREAD OVEN AREA
W-2	FRP WALL PANELING	MARLITE		WHITE	BACK KITCHEN FOOD PREP AREA

LAMINATES

TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
PL-1	MILLWORK	WILSONART	STEEL MESH	FINE VELVET FINISH 4879-38	MILLWORK BEHIND THE SERVICE LINE AND BACK KITCHEN. USE PVC EDGE BANDING.
PL-2	CUTTING BOARDS	WILSONART	NATURAL RECON	FINE VELVET FINISH 7996-38	21"X 21" X1" CUTTING BOARDS FOR PICK UP TOWER - QTY 4. PEDESTAL BASE FOR PICK UP TOWER.

PAINT

TAG	SURFACE	MANUFACTURER	PRODUCT	COLOR	COMMENTS
PT-1	SHIP LAP, SOFFIT, AND RESTROOM CEILINGS	BENJAMIN MOORE	OC-130	CLOUD WHITE, SATIN	CUSTOMER AREA SHIPLAP (AND SHIPLAP TRIM), FRONT LINE SOFFIT, AND RESTROOM WALLS (ABOVE TILE)
PT-2	5∕8" GWP PAINTED	BENJAMIN MOORE	1613	SILENT NIGHT, SATIN	DINING ROOM AND HALLWAY WALLS ABOVE CHAIR RAIL.
PT-3	DOOR FRAME. WHEN OPEN CEILING - UPPER DINING ROOM WALLS AND DINING ROOM CEILING.	BENJAMIN MOORE	1615	ROCK GRAY, SATIN	DOOR FRAME. IN OPEN CEILING CONDITION, EVERYTHING ABOVE 12'AFF IN DINING ROOM
PT-4					
PT-5	INTERIOR DOORS	MINWAX	WOOD FINISH PENETRATING STAIN	WEATHERED OAK 270	FINISH WITH CLEAR TOP COAT
PT-6	LOW WALL/SILL CAP	BENJAMIN MOORE	#2132-10	BLACK, EGGSHELL OR SEMI GLOSS	LOW WALL CAP AND WINDOW SILL FINISH.

WALL TILE

	•				
WT-2	CERAMIC TILE	DAL TILE	IRONCRAFT	SABLE BLACK IC15-UNPOLISHED - 12"X24". GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09	BATHROOM BOTTOM WALL TILE. USE SCHULTER JOLLY (POLISHED NICKEL) FOR EDGING
WT-1	CERAMIC TILE	DAL TILE	2X8 MOD JM BLUE	PART#: N519 JM28MOD1P2. GROUT: MAPEI ULTRACOLOR PLUS FA - IRON 107	BACK SPLASH TILE IN KITCHEN AND BEVERAGE COUNTER. RUNNING BOND. USE SCHULTER JOLLY (POLISHED NICKEL) FOR EDGING. WALL TILE EXTENDS TO CEILING TILES IN FRONT KITCHEN AREA, BEHIND THE PICK UP TOWER, AND ABOVE ALL BEVERAGE COUNTER WALLS (TYP 10'AFF).
TAG	SURFACE	MANUFACTURER	PRODUCT	COLOR	COMMENTS

METAL

	· 				
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
M-1	CHAIR RAIL	GC	$\frac{1}{8}$ "x3 $\frac{1}{2}$ " HOT ROLLED STEEL	PAINTED IN BLACK SEMI-GLOSS	DINING ROOM CHAIR RAIL, WITH BUTTON HEAD HEX SOCKET SCREW
UPHO	LSTERY				

TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
UP-1	BANQUETTE	NASSAMI	TOLSTOY - SYMPHONY COLLECTION	WHISKEY	BANQUETTE SEATING - 3" THICK FOAM

MATERIAL CLASSIFICATION ALL MATERIALS-WALLS, FLOORS, CEILING AND TRIM SHALL HAVE A MINIMUM CLASS C RATING AND COMPLY WITH SECTIONS 803 THRU 806.

1. IF INTERIOR TRANSITIONS STRIPS ARE TO BE REQUIRED, USE SCHULTER-RENO IN SATIN ANODIZED ALUMINUM. 2. FOR COVE BASE APPLICATION IN THE RESTROOM(S), USE SCHLUTER DILEX-AHK (POLISHED NICKEL) BELOW FULL WT-2 TILES. NO CUT TILE IS REQUIRED. REFER TO

ELEVATIONS.

FF-2 FLOORING IS NOT REQ'D UNDER FF-1 WT-2 FF-2 FREEZER FF-2 FF-1 BT-1

01 FLOOR FINISH PLAN

DATE: 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM

CORTLAND MORGAN ARCHITECT

711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696

FAX: (817) 635-5699

 \bigcirc \sum \bigcirc

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

FLOOR FINISH PLAN & FINISH SCHEDULE

CORTLAND MORGAN ARCHITECT

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM

711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

Parkway, Suite #103 , NE 68128

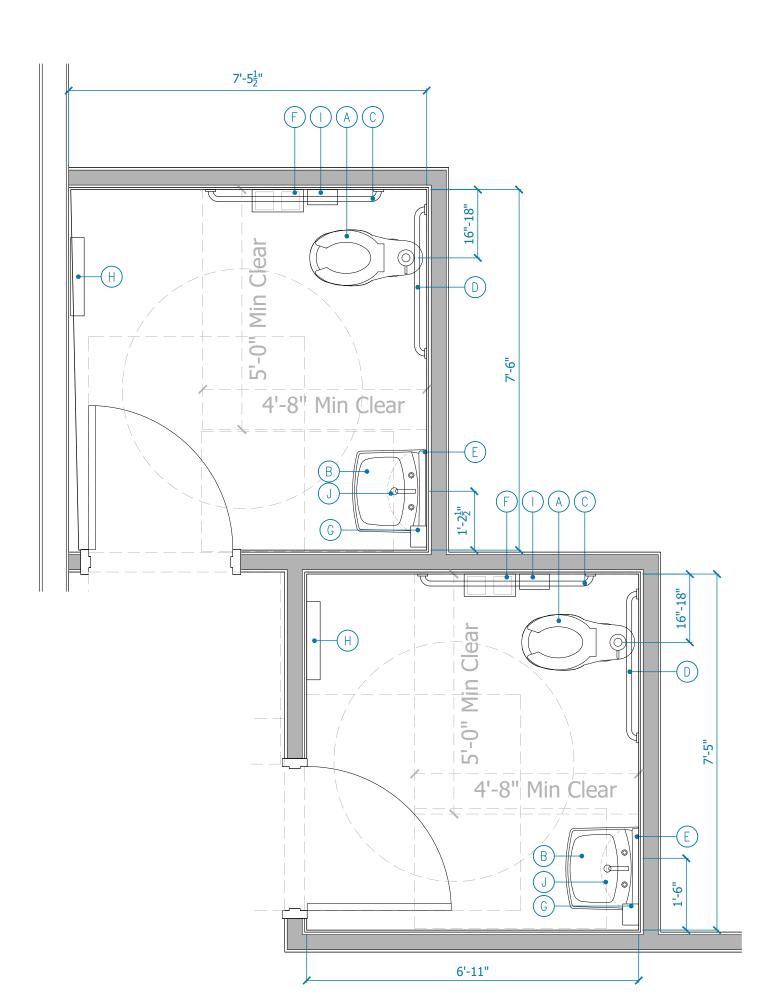
02 TYPICAL FIXTURE ELEVATIONS

| SCALE: 1/2"=1'-0"

GC TO INSTALL ALL SCHEDULED FIXTURES							
AG	DESCRIPTION	FRANCHISEE FURNISH	GC FURNISH				
A	TOILET	SEE PLUMBING SHEETS FOR SPEC		•			
В	LAVATORY	SEE PLUMBING SHEETS FOR SPEC		•			
©	GRAB BAR - 42	BOBRICK 42" HORIZONTAL GRAB BAR AT SIDE WALL. EXPOSED MOUNTING SERIES B-5806		•			
D	GRAB BAR - 36	BOBRICK 36" HORIZONTAL GRAB BAR AT BACK WALL. EXPOSED MOUNTING SERIES B-5806		•			
E	MIRROR	TENANT SUPPLIED MIRROR (MINIMUM SIZE 18"W X 36"H)	•				
F	BATH TISSUE DISPENSER		•				
G	SOAP DISPENSER	BOBRICK #B-40	•				
H	HAND DRYER	PROJECTION FROM MOUNTING WALL MUST BE LESS THAN 4"	•				
	SANITARY NAPKIN DISPOSAL		•				
J	PROTECTIVE PLUMBING COVER			•			

NO FIXTURES SHALL PROTRUDE GREATER THAN 4" FROM WALL, INCLUDING SOAP OR PAPER TOWEL DISPENSERS
NOTHING SHALL BE INSTALLED IN THE CLEAR FLOOR SPACE OF THE TOILET (SOAP OR PAPER TOWEL DISPENSERS).

• THE PATTERN WALL TILE MUST EXTEND ABOVE THE WALL SWITCH



01 ENLARGED RESTROOM PLAN

SCALE: 1/2"=1'-0"

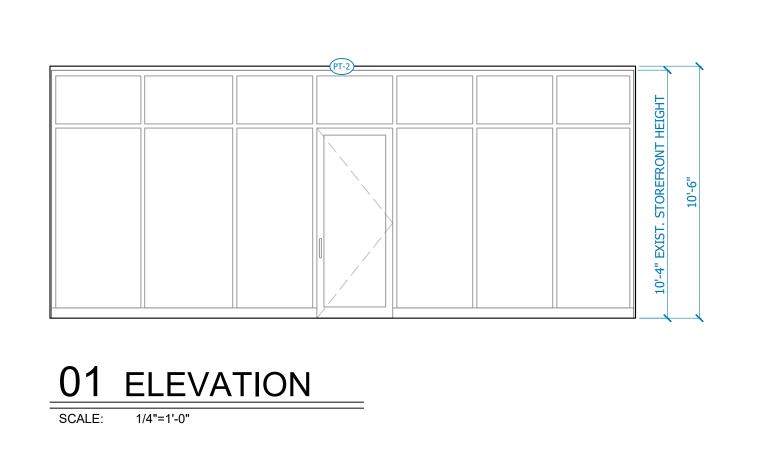


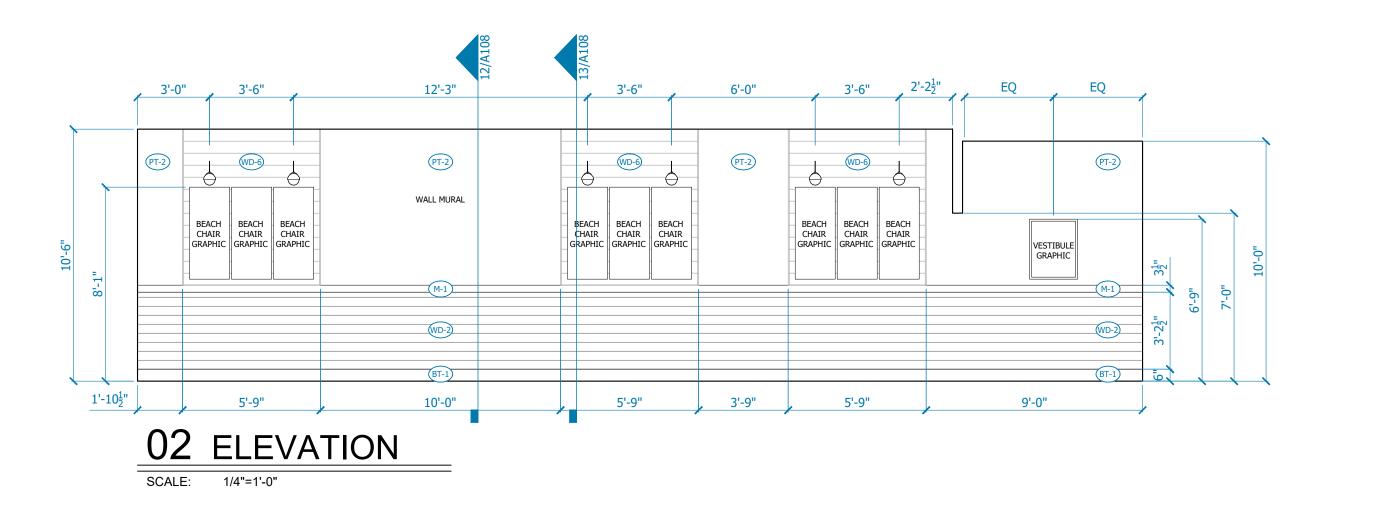
NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

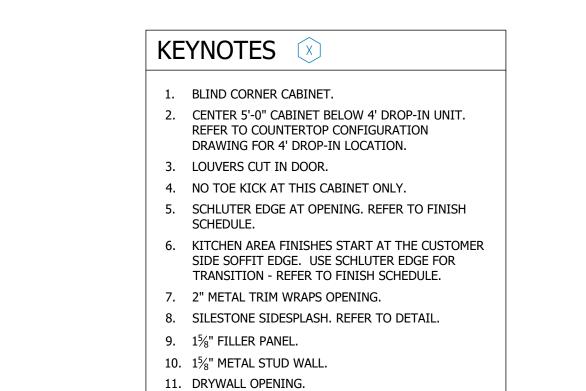
Revisions

RESTROOM PLAN

1 1 1 7







12. FINISH TILE OPENING.

13. PROPOSED 163.5" X 34" MENU BOARD

14. PROPOSED 36"X 90" BANNER LOCATION.



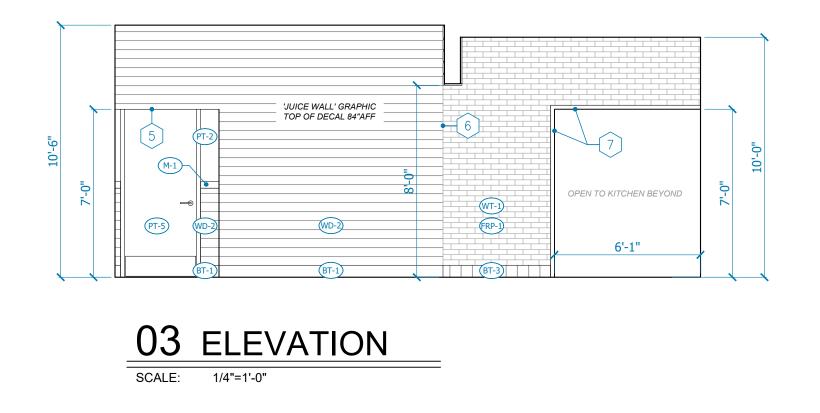
DATE: 4/5/23

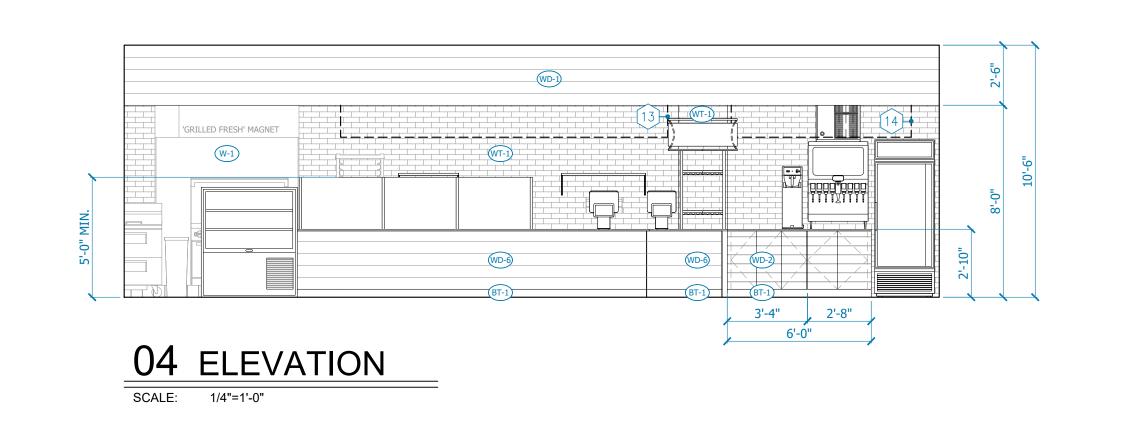
JOB NO: 23006

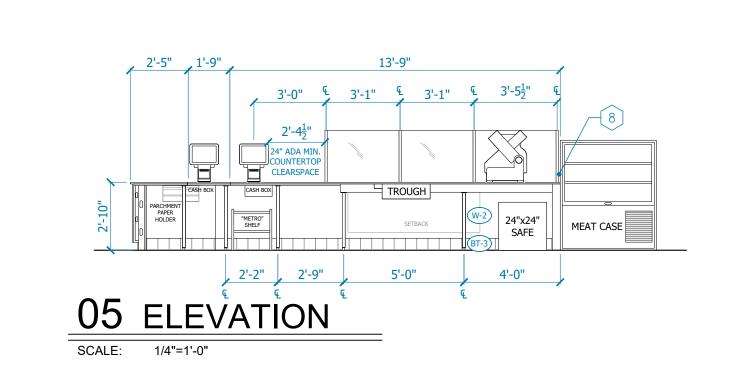
DRAWN: STAFF

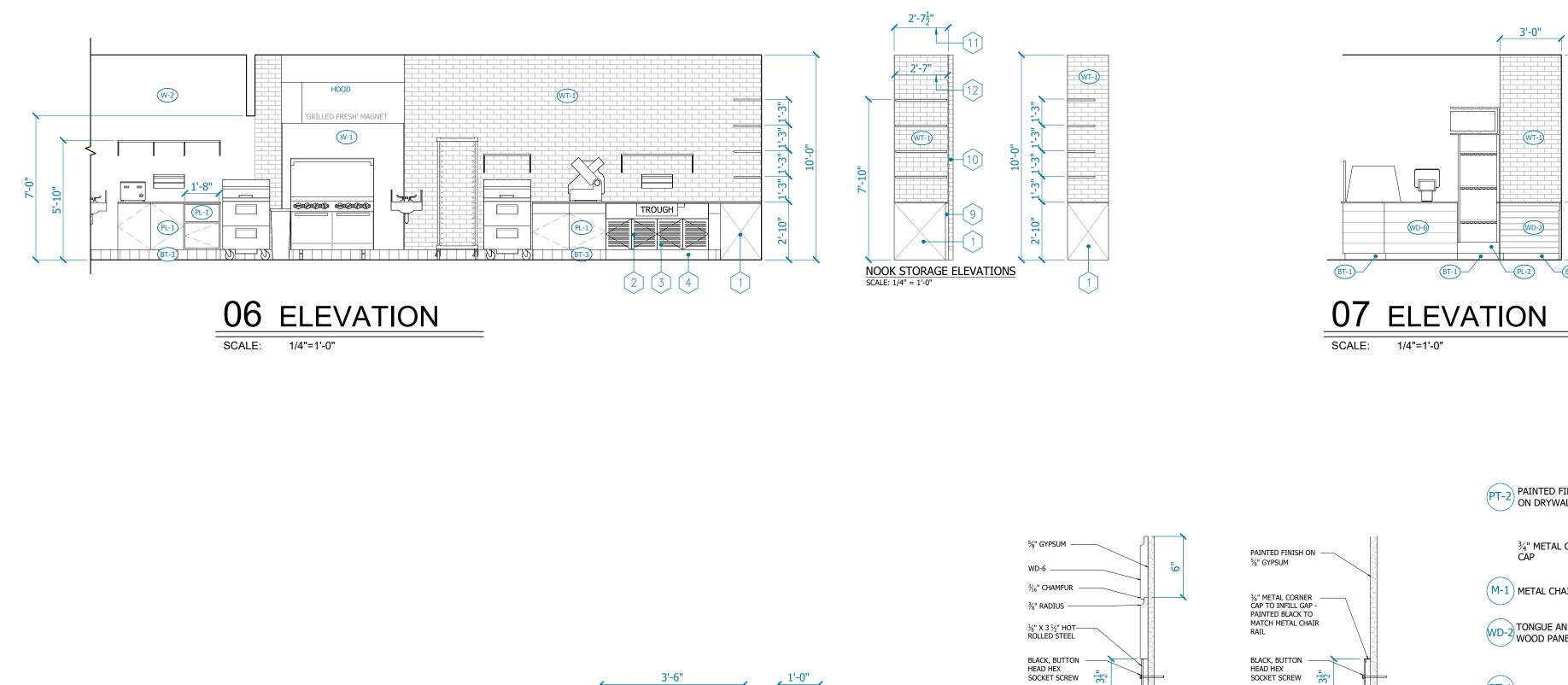
CHECKED: CM

711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696 FAX: (817) 635-5699









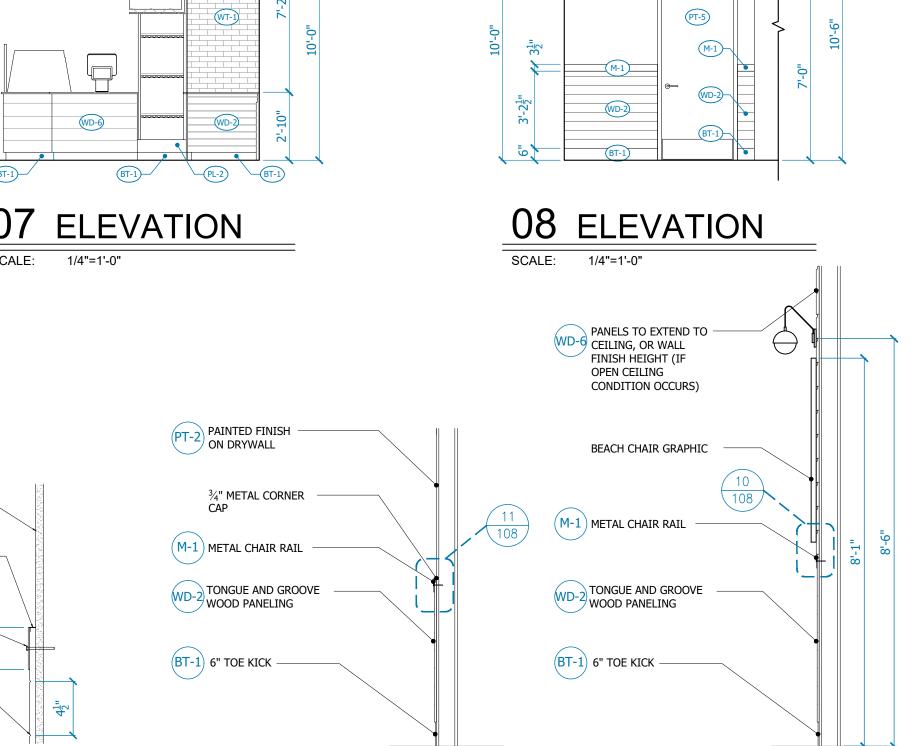
09 JUICE SHELF

SCALE: 1/2"=1'-0"

SOCKET SCREW

10 DETAIL

SCALE: 1 1/2"=1'-0"



12 SECTION

SCALE: 1/2"=1'-0"

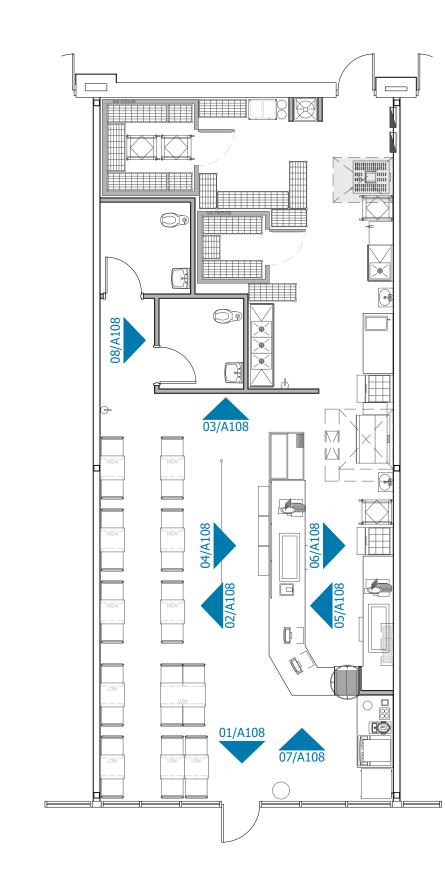
11 DETAIL

SCALE: 1 1/2"=1'-0"

PT-2

13 SECTION

SCALE: 1/2"=1'-0"

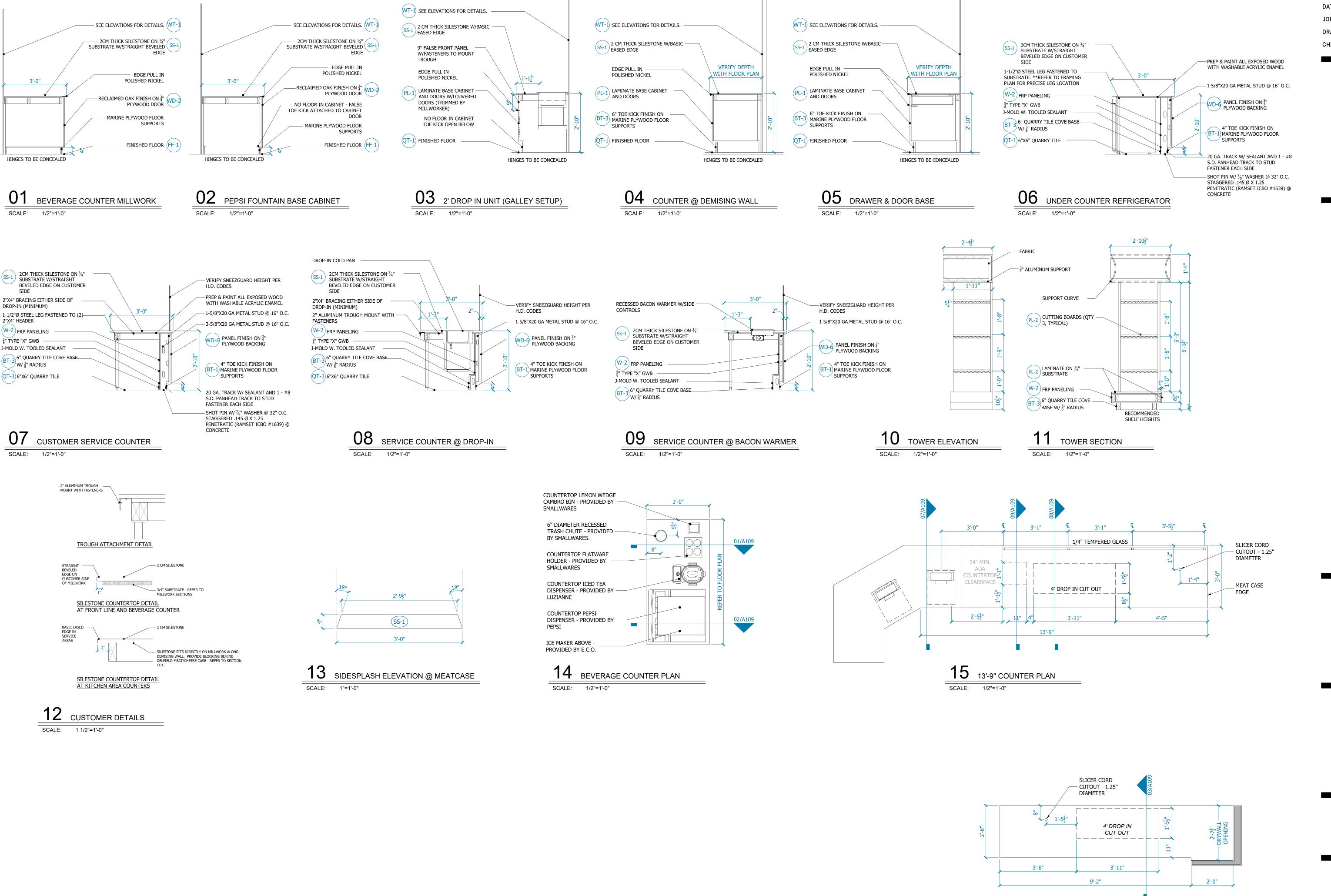




NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

ELEVATIONS KEY PLAN SCALE: 1/8" = 1'-0"





711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

ERSEY MIKE'S SUBS 134 Southport Parkway, Suite #103 La Vista, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

DETAILS

A109

16 9'-2" GALLEY KITCHEN - 2ND LINE

SCALE:

1/2"=1'-0"

<u>LEGEND</u>

EXISTING WALL

NEW WALL

NEW ½ WALL

ACCENT WALL)

ABOVE TOWER
GRILL GRAPHIC

VESTIBULE ART

RESTROOM ART

SURFBOARD

2 SEAT TABLE

TABLE

2 SEAT HIGH TOP

COMMUNITY TABLE

4 SEAT ADA TABLE

WALL MURAL (CUSTOM SIZE BEHIND BANQUETTE

BANQUETTE SEATING

OR 10'-0" WIDTH)

4 PANEL MENU BOARD

JUICE WALL (WOOD PLANK

BEACH CHAIRS GRAPHICS

"REFRESH" BANNER ABOVE

"PICK UP HERE" BANNER

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

JERSEY MIKE'S SUBS 2434 Southport Parkway, Suite #103 La Vista NF 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	
	•

DECOR SHEET

A110

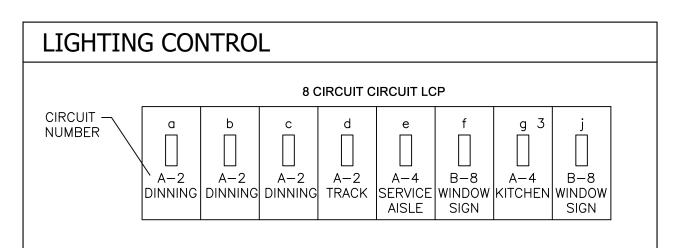
LIG	HTIN	G LEGEND									
TYPE	QTY	DESCRIPTION	SUPPLIER	MODEL #	CATALOG #	SYMBOL	WATTS	VOLTS	MOUNTING	LOCATION	COMMENTS
А	9	2'X4' LED LAY-IN W/ ACRYLIC LENSES	HERMITAGE LIGHTING	C-TR-A-FR24 SERIES, 50 LUMEN, 35K WARM WHITE, WHITE COLOR	72010201	SWITCH	44	120	LAY-IN	KITCHEN	2X4 FLAT PANEL LED
A1	2	2'X4' LED LAY-IN W/ TROFFER LENSES	HERMITAGE LIGHTING	RP2418-LED60DMV35	9702235		44	120	LAY-IN	CUSTOMER AREA, RESTROOMS	2X4 DIRECT/INDIRECT TROFFER LED
В	2	2'X2' LED LAY-IN W/ ACRYLIC LENSES	HERMITAGE LIGHTING	C-TR-B-FP22 SERIES, 40 LUMEN, 35K WARM WHITE, WHITE COLOR	72010243		19	120	LAY-IN	KITCHEN	2X2 FLAT PANEL LED
B1	10	2'X2' LED LAY-IN W/ TROFFER LENSES	HERMITAGE LIGHTING	R29-LED42DMV35	9702243		19	120	LAY-IN	CUSTOMER AREA, RESTROOMS	2X2 DIRECT/INDIRECT PARABOLIC LED
Т	3	TRACK LIGHTING (4' TRACKS)	HERMITAGE LIGHTING	R600L G2 35K WH	18644197	0000	10	120	TRACK	SERVICE AISLE	MOUNT AT 9'-0" AFF. TRACK LIGHTING IN FRONT OF MENU FACES HEADS TOWARDS MENU BOARD. TRACK LIGHTING ABOVE MEAT CASE AND SLICER FACES HEADS DOWN TOWARD EQUIPMENT BELOW.
W1*	6	WALL SCOUNCE	FIVE KIDS GROUP, INC.		JM9002		6	120	WALL	DINING	MOUNT AT 8-6" AFF. WALL SCONCE POLISHED NICKEL. G40 LED FILAMENT BULB
E1	5	(2)-HEAD EMERGENCY EGRESS FIXTURE	HERMITAGE LIGHTING	LED-90 WHITE	90902323		2.2	120	WALL		2-HEAD 6V EMERGENCY. INTEGRAL BATTERY. PACK TO BE CONNECTED TO UNSWITCHED "SENSING" CIRCUIT. PROVIDE LIGHTING MANUFACTURER RECOMMENDED EMERGENCY BATTERY BACKUP CAPABLE OF 90 MINUTE RUNTIME
E2	2	EXIT SIGN (LED) (RED), COMBINATION	HERMITAGE LIGHTING	VLED-EL90 SERIES	90902167		2.2	120	WALL		EXIT/EMERG. COMBO LED W/REMOTE. INTEGRAL BATTERY. PACK TO BE CONNECTED TO UNSWITCHED "SENSING" CIRCUIT. PROVIDE LIGHTING MANUFACTURER RECOMMENDED EMERGENCY BATTERY BACKUP CAPABLE OF 90 MINUTE RUNTIME
LL	-	SUSPENSION DINING ROOM 1X4	HERMITAGE LIGHTING	SCX-4FT-40W-35K-D	51900837		40	120	SUSPENSION	DINING	FOR USE IN OPEN CEILING CONDITIONS. MOUNT AT 12'-0"AFF
P1**	-	PENDANT			H111701-PN	0	6	120	PENDANT		PENDANT POLISHED NICKEL. G40 LED FILAMENT BULB.

• ALL LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE (UNLESS NOTED WITH **) ARE PROVIDED BY THE CONTRACTOR VIA A NATIONAL CONTRACT WITH FSG LIGHTING NATIONAL ACCOUNTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE WITH LEON MOWADIA OF FSG AT (212) 776-7900 x21113, OR (848) 203-7175, OR BY EMAIL LEON.MOWADIA@FSGI.COM AND/OR CCC2@FSGI.COM

• LIGHTING FIXTURES AND LAMPS IN THE ABOVE SCHEDULE ARE PROVIDED BY THE CONTRACTOR, VIA A NATIONAL CONTRACT WITH FIVE KIDS GROUP, INC. THE CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING THE LIGHTING FIXTURES. ANY QUESTIONS REGARDING FIXTURE AND LAMP TYPES, INSTALLATION REQUIREMENTS. AND ORDERS SHALL BE THROUGH CUSTOMERSERVICE@UNISERVING.COM TO SETUP AN ACCOUNT. ALL ORDERS WILL BE PLACED THROUGH IM.FIVEKIDSGROUP.COM USING THE LOGIN CREDENTIALS AFTER SETUP.

INSTALLATION REQUIREMENTS, AND ORDERS SHALL BE THROUGH CUSTOMERSERVICE@UNISERVINC.COM TO SETUP AN ACCOUNT. ALL ORDERS WILL BE PLACED THROUGH JM.FIVEKIDSGROUP.COM USING THE LOGIN CREDENTIALS AFTER SETUP.	
• **THIS P1 FIXTURE IS INCLUDED AND COMES WITH THE SUSPENDED SURFBOARD GRAPHICS PACKAGE (WHEN A COMMUNITY TABLE IS SPECID). AND DOES NOT NEED TO BE ORDERED WITH THE BALANCE OF THE NEW LIGHTING FIXTURES FOR THE PROJECT	-

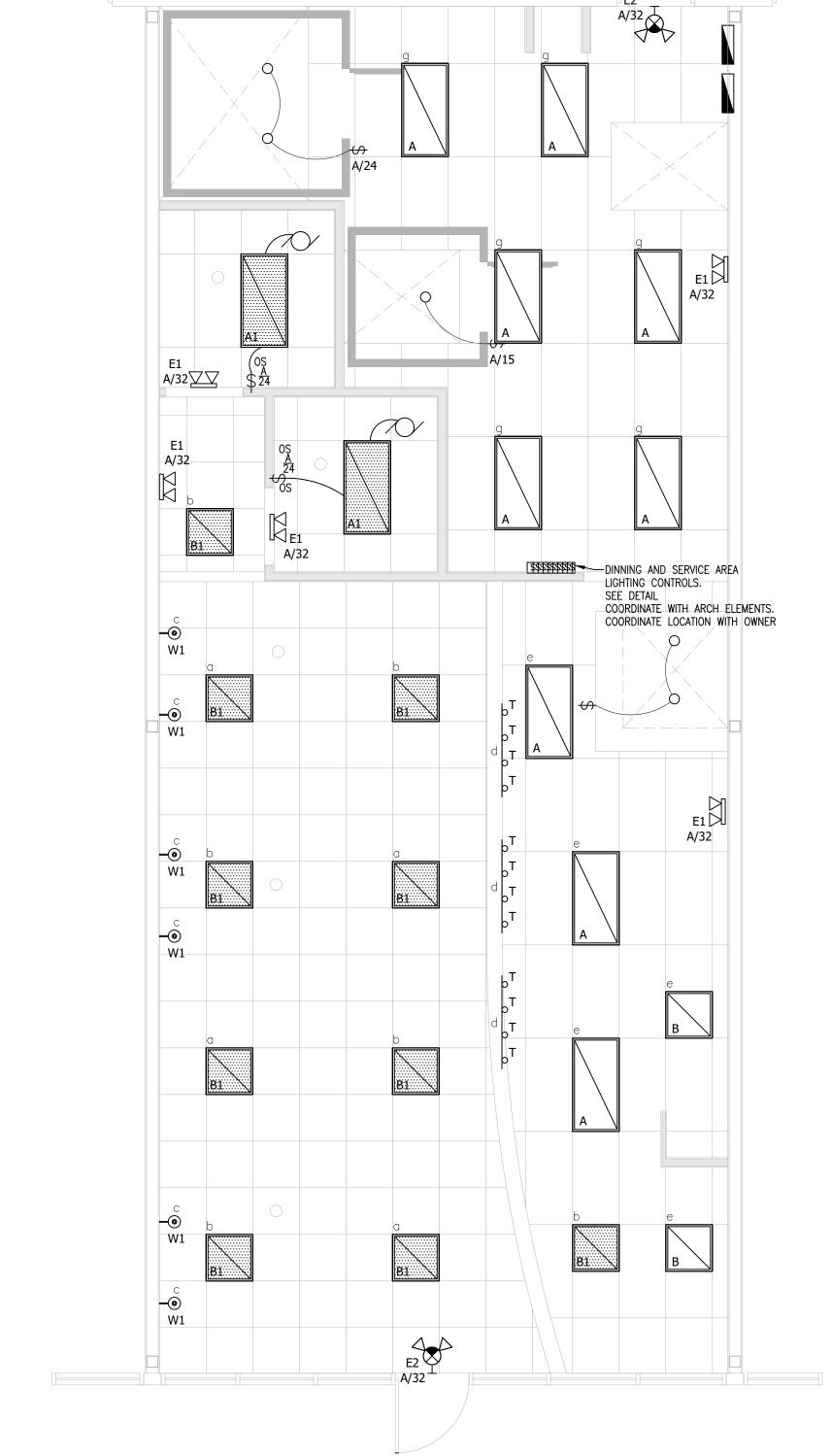
SWITCH SCH	IEDULE					
CALL OUT	SYMBOL	DESCRIPTION	INSTALLATION	COMMENTS		
SWITCH	\$	WALL MOUNTED SWITCH	MTD AT 48" AFF, UOI			
3-WAY SWITCH	3 \$	WALL MOUNTED 3-WAY SWITCH	MTD AT 48" AFF, UOI	ACUITY CONTROLS #WSX-PDT-WH		
SWITCH-OCCUPANCY SENSOR	os\$	WALL MOUNTED, DUAL TECHNOLOGY, OCCUPANCY SENSOR W/ MANUAL OVERRIDE SWITCH	MTD AT 48" AFF, UOI			
NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT.						



GENERAL NOTES

- 1. ALL LIGHTING LAYOUTS ARE BASED ON REFLECTED CEILING PLAN. DO NOT ALTER THE NUMBER OF FIXTURES INDICATED ON DRAWINGS. SEE FIXTURE SCHEDULE FOR APPLICABLE NOTES.
- 2. VERIFY FIXTURE VOLTAGE PRIOR TO ORDERING FIXTURES.
- 3. ALL EXIT SIGNS SHALL REMAIN UNSWITCHED, U0I.
- 4. CONTRACTOR SHALL PROVIDE ALL CABLING FOR 0-10V
- 5. PROVIDE 4100° KELVIN TEMPERATURE LAMPS WITH MINIMUM
- 85 CRI, UOI.6. ALL EMERGENCY BATTERY PACKS SHALL PROVIDE A MINIMUM
- OF 1400 LUMENS.

 7. OUTLETS, SWITCHES, AND PLATES SHALL BE WHITE AT ALL
- 8. LIGHTS NOT CONTROLLED BY AN OCCUPANCY SENSOR SHALL BE ROUTED THROUGH A TIME CLOCK WITH THE ON-OFF HOURS DESIGNATED BY THE OCCUPANT. INSTALL THE TIME CLOCK ABOVE PANEL A OR PER GC.
- 9. ALL LIGHT FIXTURES IN PREP, KITCHEN, & SERVICE AISLE TO BE SHATTERPROOF
- 10. SIGNS CONTROLLED BY A TIME CLOCK WITH THE ON-OFF HOURS DESIGNATED BY THE OCCUPANT.
- 11. INSTALL THE TIME CLOCK ABOVE PANEL A OR PER GC.



01 LIGHTING PLAN

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696

FAX: (817) 635-5699

nport Parkway, Suite #103

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

LIGHTING PLAN

E101

NOTE: NUMBER OF SENSOR MAY VARY

TO ADDITIONAL SENSOR AS REQUIRED

WHITE WHITE BLACK

BLACK

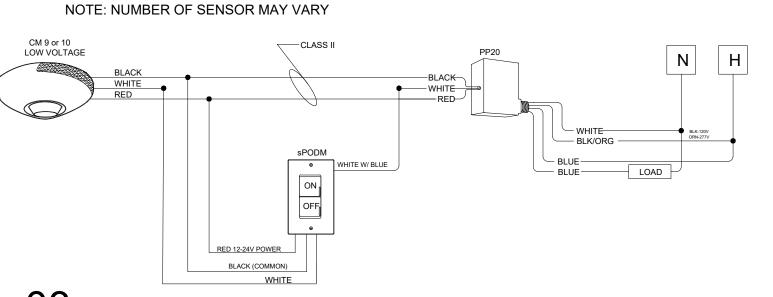
WHITE WILLE STRIPE

OF BLACK

WHITE WHITE WILLE STRIPE

ON OF BLACK

RED
02 LOW VOLTAGE SENSORS W/ 3-WAY SWITCHING



03 LOW VOLTAGE SENSORS W/ SINGLE SWITCHING

SCALE: N.T.S.

SCALE: N.T.S.

- 1. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS UNDER WHICH HE IS TO PERFORM HIS WORK. NO ALLOWANCE WILL BE MADE FOR FAILURE TO COMPLY.
- 2. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED NATIONAL ELECTRICAL CODE AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
- 3. VERIFY EXACT LOCATION, MOUNTING HEIGHT AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PROVIDED BY OTHERS (INCLUDING HVAC EQUIPMENT) PRIOR TO ROUGH-IN AND PROVIDE ALL REQUIRED FUSIBLE SWITCHES, TRANSFORMERS, STARTERS NECESSARY FOR PROPER OPERATION OF EQUIPMENT.
- 4. CONTRACTOR SHALL PROVIDE ALL CONNECTIONS AS REQUIRED FOR ALL EQUIPMENT. COORDINATE EXACT REQUIREMENT PRIOR TO ROUGH-IN.
- 5. CONTRACTOR SHALL VERIFY EXACT REQUIREMENT OF ALL EQUIPMENT WITH VENDOR/OWNER PRIOR TO ROUGH-IN.
- 6. LIGHT SWITCHES, ELECTRICAL OUTLETS, THERMOSTATS AND OTHER ENVIRONMENTAL CONTROLS SHALL HAVE OPERABLE PARTS OF THE CONTROLS LOCATED NO HIGHER THAN 48" AND NO LOWER THAN 15" ABOVE THE FLOOR PER ADA REQUIREMENTS. RESOLVE ANY CONFLICT IN MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH IN.
- 7. CONTRACTOR SHALL PROVIDE UPDATED, TYPE-WRITTEN PANEL SCHEDULE FOR ALL MODIFIED PANELS.
- 8. ALL RECEPTACLES TO BE GFCI UNLESS OTHERWISE INDICATED.
- 9. CONTRACTOR SHALL PROVIDE CORD SET AND PLUG FOR ALL KITCHEN EQUIPMENT WHERE CORD SET AND PLUG ARE NOT SUPPLIED BY THE MANUFACTURER. CORD SET WIRE SIZE SHALL MATCH CIRCUIT WIRE SIZE. CORD SET PLUG SHALL MATE WITH RECEPTACLE SPECIFIED.
- 10. EQUIPMENT LOCATED BENEATH FIRE SUPPRESSION HOOD SHALL BE DISABLED UPON FIRE SUPPRESSION OPERATION. NECESSARY SHUNT TRIP BREAKERS SHALL BE PROVIDED WITH CONNECTIONS TO GAS VALVES. COORDINATE WITH MECHANICAL CONTRACTOR. FIRE ALARM CONNECTIONS TO FIRE SUPPRESSION EQUIPMENT SHALL BE PROVIDED. THIS SHALL INCLUDE DETECTION SIGNAL AND SHUTOFF ACTIVATION SIGNAL FOR EQUIPMENT REQUIRING SHUTOFF. PROVIDE PUSH BUTTON AS REQUIRED.
- 11. ELECTRICAL CONTRACTOR TO REMOVE ANY ABANDONDED CONDUITS AND WIRING BACK TO NEAREST JUNCTION BOX. REMOVE ANY UNUSED CABLING.
- 12. ELECTRICAL CONTRACTOR SHALL PROVIDE LABELS 3/16 INCH HIGH, FOR DESCRIPTION OF MAIN SWITCHBOARD, PANEL BOARD AND ALL BRANCH CIRCUITS.
- 13. SUBMIT MANUFACTURER'S CATALOG SHEETS, BROCHURES, DIAGRAMS, SCHEDULES, PERFORMANCE CHARTS, ILLUSTRATIONS AND OTHER STANDARD DESCRIPTIVE DATA. CLEARLY MARK EACH COPY TO IDENTIFY PERTINENT MATERIALS, PRODUCTS OR MODELS. SHOW DIMENSIONS AND CLEARANCES REQUIRED. SHOW PERFORMANCE CHARACTERISTICS AND CAPACITIES. SHOW ELECTRICAL RATINGS, WIRING DIAGRAMS AND CONTROLS.
- 14. ALL WIRING SHALL BE RUN IN APPROVED METALLIC RACEWAY OR CONDUIT AND SHALL BE UNIFORMLY COLOR CODED THROUGHOUT THE ENTIRE SYSTEM. SPLICES, TAPS, AND TERMINALS SHALL BE MAKE ONLY IN "J" BOXES, OUTLETS AND PANEL BOARDS.
- 15. ALL CONDUCTORS SHALL BE COPPER
- 16. THE CONTRACTOR SHALL SIZE ALL CONDUCTOR AND CONDUIT IN ACCORDANCE WITH NEC AND ENSURE THAT CIRCUIT AMPACITY AND SHORT CIRCUIT/OVERLOAD PROTECTION IS APPROPRIATE FOR THE EQUIPMENT BEING INSTALLED. UL LISTING CONDITIONS SHALL BE OBSERVED.
- 17. WIRE SIZES LISTED ARE MINIMUM. CONDUCTORS SHALL BE SELECTED SUCH THAT THE MAXIMUM VOLTAGE DROP BETWEEN THE PANELBOARD AND LOAD (AT FULL LOAD AMPS) DOES NOT EXCEED 2% FOR MOTOR LOADS (AIR CONDITIONING, REFRIGERATION, ETC.) AND 5% FOR ALL OTHER LOADS
- 18. GROUNDING PROVIDE GROUNDING OF ELECTRICAL SERVICE ENTRANCE, PANELS, EQUIPMENT AND DEVICES IN ACCORDANCE WITH CURRENT NEC.
- 19. CONTRACTOR SHALL USE HVAC RATED FUSES FOR ALL AC EQUIPMENT
- 20. PROVIDE LOCK-ON DEVICE FOR CIRCUITS WITH EMERGENCY LIGHTING.
- 21. VERIFY AVAILABLE SHORT CIRCUIT CURRENT. PROVIDE BREAKERS WITH PROPER INTERUPTING CAPACITY.
- 22. ALL BREAKERS SHALL BE SIZED ACCORDINGLY WITH EQUIP. SERVED (VERIFY)
- 23. BRANCH BREAKERS OF 2P AND 3P CONFIGURATION SHALL HAVE A COMMON TRIP.
- 24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BALANCING THE LOADS ON ALL PANELS.
- 25. ALL ELECTRICAL MATERIAL USED ON THIS PROJECT SHALL BE "UL" LISTED AND LABELED.
- 26. ALL CONDUIT SHALL BE 1/2" UNLESS OTHERWISE NOTED.
- 27. THE MINIMUM SIZE OF WIRE SHALL BE #12 AWG THWN COPPER. WIRES INSTALLED UNDERGROUND OR OUTDOORS SHALL BE THW.
- 28. ALL CONDUITS PENETRATING THE COOLER BOX SHALL BE SEALED IN COMPLIANCE WITH NEC 300-7.
- 29. THE CONTRACTOR SHALL ARRANGE WITH THE ELECTRIC AND TELEPHONE UTILITY CO. FOR INCOMING SERVICE REQUIRMENTS AND SHALL INCLUDE ALL COSTS IN BASE BID.
- 30. CONTRACTOR MUST COORDINATE POWER FOR RECIRCULATORY PUMP & AQUASTAT WITH PLUMBING CONTRACTOR

ELECTRICAL SYMBOL LEGEND

- \$ switch \$ 3-way switch
- ① 20A, 120V DUPLEX OUTLET, NEMA 5-20
- 10 20A, 120V 4PLEX OUTLET, (2) NEMA 5-20
- WP WEATHER PROOF
 GFI GROUND FAULT INTERRUPTED OUTLET.
- 120/208V 1Ø OUTLET, PROVIDE SO CORD AND PLUG

J-BOX

CIRCUIT HOMERUN

OS♠ CEILING MOUNTED OCCUPANCY SENSOR
OS♠ WALL MOUNTED OCCUPANCY SENSOR

M MOTOR LOAD

DISCONNECT SWITCH, F=FUSED OTHERWISE NON FUSED. DISCONNECT SIZED TO MATCH OR EXCEED CIRCUIT SIZE.

COMBINATION STARTER DISCONNECT COORDINATE SIZE WITH EQUIPMENT FURNISHED

PANELBOARD, SURFACE MOUNTED IN MECH ROOMS AND OTHER UNFINISHED AREAS, SEE SCHEDULES.

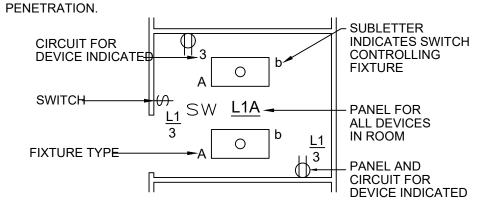
PANELBOARD, MOUNT RECESSED IN FINISHED AREAS.

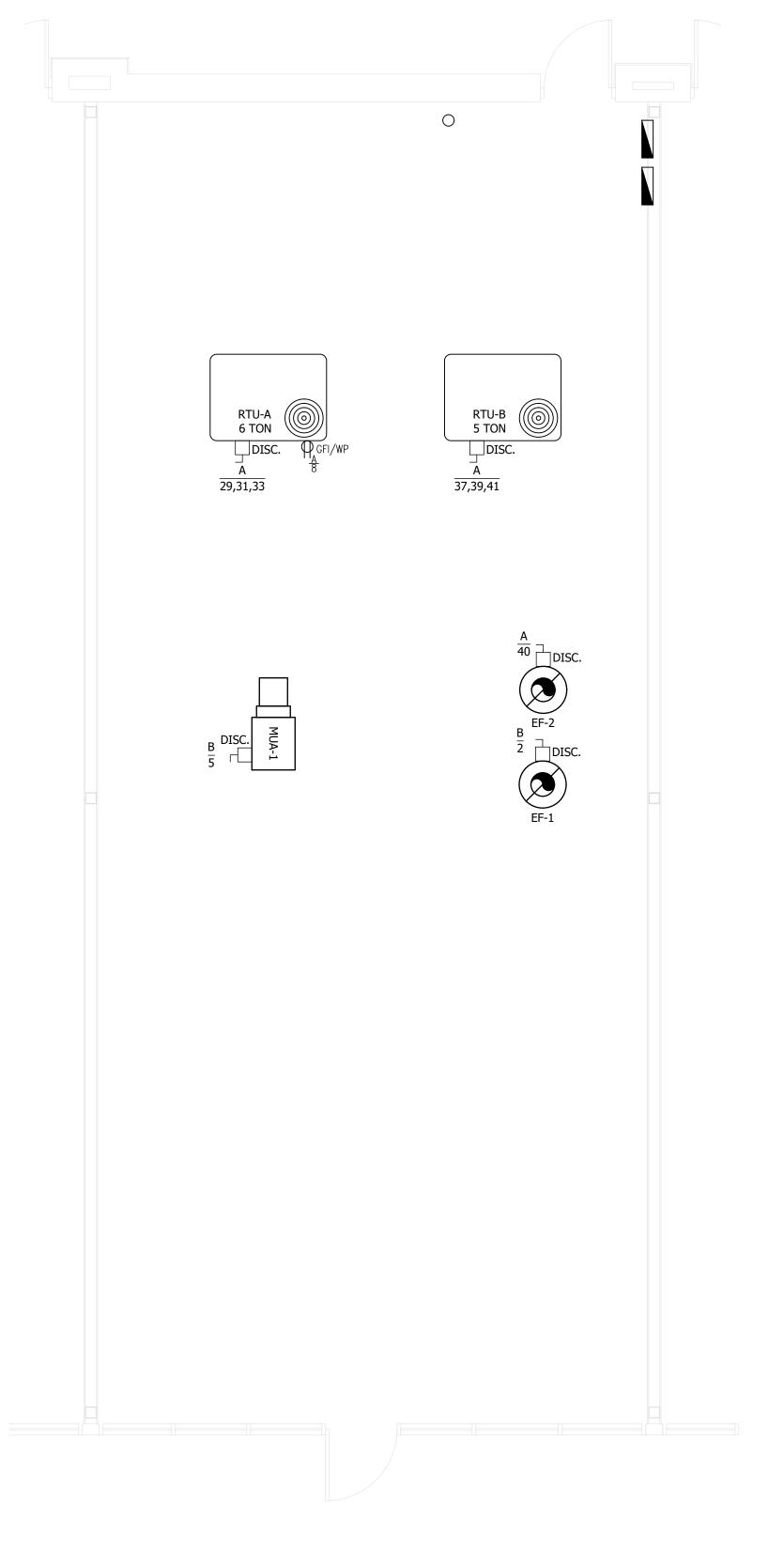
TELEPHONE/DATA OUTLET, DUAL RJ-45 OUTLET W/ COVERPLATE AND 1" C UP TO CEILING WITH TWO CAT-6 DATA CABLES (TELEPHONE IN GRAY JACKET AND DATA IN GREEN JACKET). EXTEND CABLES TO TELEPOHNE BOARD. PROVIDE 20' COILED SLACK AT TELEPHONE BOARD.

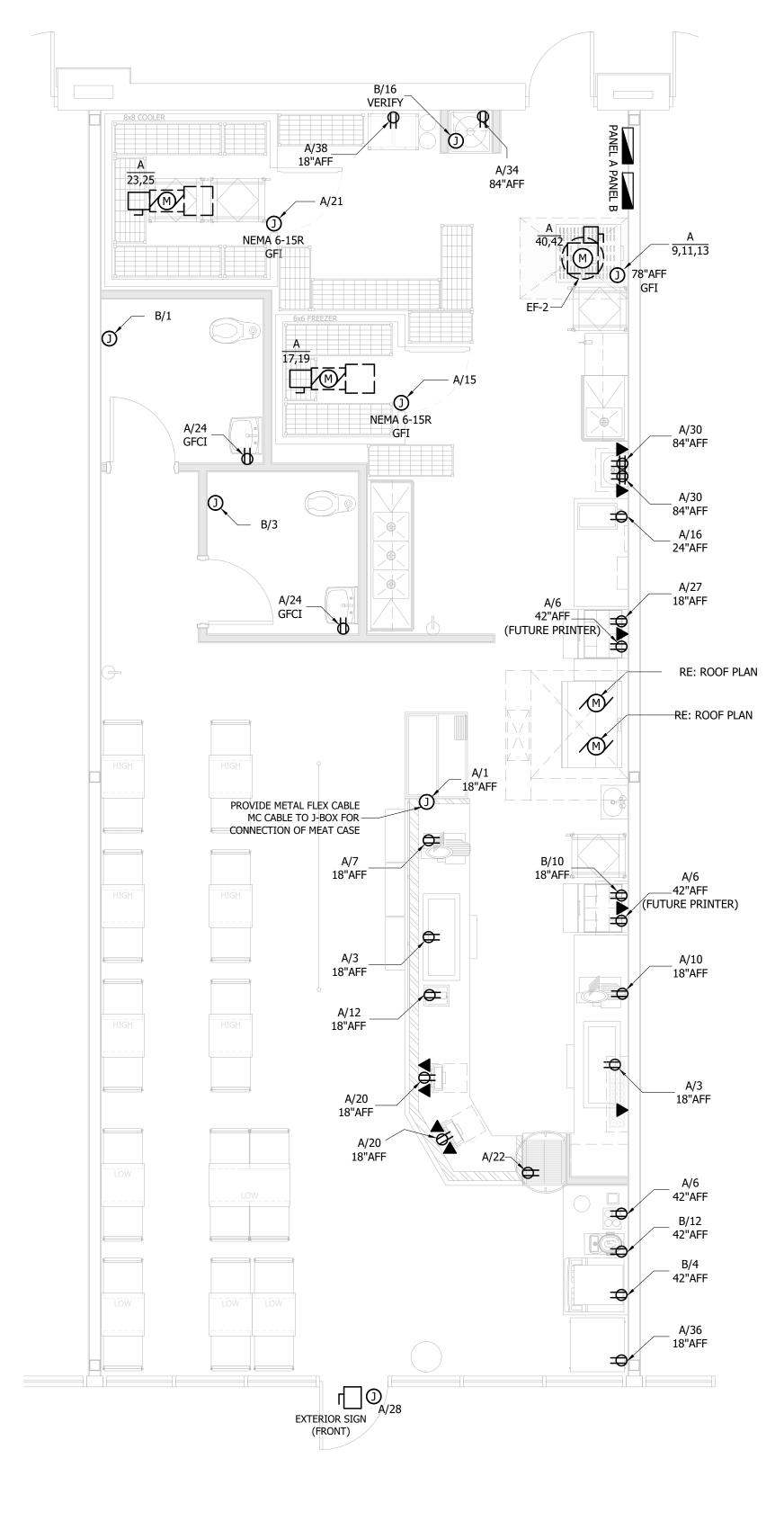
CATV OUTLET, PROVIDE 120V OUTLET AND F-TYPE COAX CONNECTOR IN COMMON BOX WITH DIVIDER. MOUNT AT 84" AFF.

VERIFY ALL OUTLET LOCATION WITH MILLWORK DRAWINGS.
 IF NO SUBLETTER ON SWITCHES OR FIXTURES IS INDICATED, ALL FIXTURES IN ROOM ARE SWITCHED TOGETHER.
 MULTIPLE SWITCHING IS INDICATED BY 2 SUBLETTERS AT FIXTURES. OR BY SWITCH-LEG.
 CONCEAL CONDUITS IN ALL AREAS WITH FINISHED WALLS OR CEILINGS, EXCEPT FOR COOLERS, MECHANICAL, BOILER, TELEPHONE, AND ELECTRICAL ROOMS, CONCEAL CONDUITS IN THESE AREAS WHERE PRACTICAL.
 MOUNT SWITCHES AND CONTROLS AT 48"(1200mm) AFF AND OUTLETS AT 18"(460mm) AFF UNLESS NOTED OTHERWISE.
 PROVIDE VAPOR SEAL INSIDE AND OUT OF ALL CONDUIT PENETRATIONS

THROUGH COOLER PANELS. USE PVC NIPPLE FOR THERMAL BREAK AT







DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM

CORTLAND MORGAN ARCHITECT

711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

TERSE WINE SUUTH 434 Southport Parkway, Suite #1

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

POWER PLAN

E102

02 ROOF POWER PLAN

SCALE: 1/4"=1'-0"

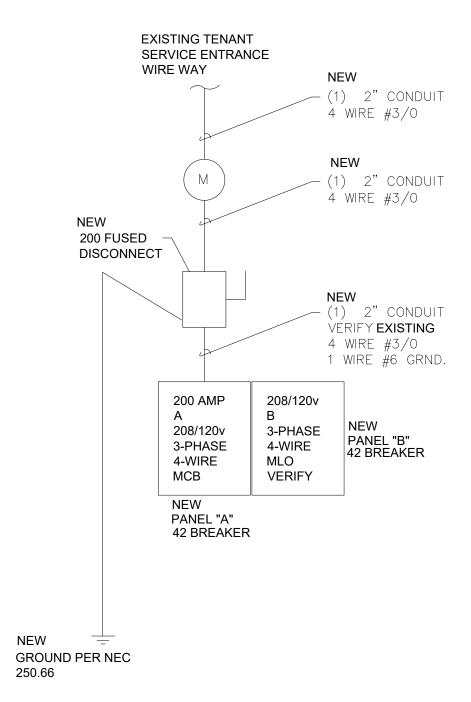


01 POWER PLAN

SCALE: 1/4"=1'-0"

ELECTRICAL ONE-LINE NOTES

- IN ACCORDANCE WITH NEC ARTICLE 110.16, ELECTRICAL EQUIPMENT LIKELY TO REQUIRE EXAMINATION WHILE ENERGIZED SHALL BE FIELD MARKED TO WARN PERSONNEL OF POTENTIAL ARC FLASH HAZARDS. THIS SHALL BE FURNISHED FROM THE FACTORY.
- 2. IN ACCORDANCE WITH NEC ARTICLE 110.24, THE SERVICE EQUIPMENT SHALL BE FIELD MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT ALONG WITH THE DATE THE CALCULATION WAS PERFORMED.
- 3. ALL WORKING SPACE REQUIREMENT AROUND ELECTRICAL EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 110.26 SHALL BE STRICTLY ADHERED TO
- 4. IN ACCORDANCE WITH NEC ARTICLE 230.8, RACEWAYS ENTERING A BUILDING FROM AN UNDERGROUND DISTRIBUTION SYSTEM SHALL BE SEALED IN ACCORDANCE WITH 300.5.G.
- 5. ALL PANELBOARDS SHALL HAVE COPPER BUSSING.
- 6. CONTRACTOR SHALL PROVIDE SPARE BREAKER AS INDICATED ON PANEL
- 7. GROUNDING SHALL BE PER NEC 250.
- 8. ALL PANELBOARDS ARE TO EASY-TRIM TYPE.
- 9. WHEN INSTALLING PANELBOARD CANS, CONTRACTOR SHALL LEAVE ENOUGH ROOM TO MOUNT THE SURGE PROTECTION DEVICE AS CLOSE AS POSSIBLE TO THE PANELBOARD TO MINIMIZE THE LEAD LENGTH OF THE SPD. IN ADDITION TO THE PLACEMENT OF THE EXTERNAL SPD. CONTRACTOR SHALL ALSO REARRANGE THE BREAKERS AS REQUIRED TO MINIMIZE THE LEAD LENGTH OF THE SPD. TYPICAL FOR ALL PANELBOARDS WITH A SPD. IF BREAKERS ARE REARRANGED, CONTRACTOR SHALL ADJUST THE LABELING AND PANELBOARD DIRECTORY TO MATCH.



02 ELECTRICAL RISER

SCALE: N.T.S.

# CIRCUITS HI VOLTAGE LOW VOLTAGE PHASE DESIGN LOAD AMPS NEUTRAL BUS GROUND BUS AVAILABLE FAULT CURRE MAIN BREAKER SIZE AMPS # BKR CIRCU 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAI 13 "	VICE ENTRANCE					FEEDER									
# CIRCUITS HI VOLTAGE LOW VOLTAGE PHASE DESIGN LOAD AMPS NEUTRAL BUS GROUND BUS AVAILABLE FAULT CURRE MAIN BREAKER SIZE AMPS # BKR CIRCU 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAI 13 "	VICE ENTRANCE					LUBADED									
HI VOLTAGE LOW VOLTAGE PHASE DESIGN LOAD AMPS NEUTRAL BUS GROUND BUS AVAILABLE FAULT CURRE MAIN BREAKER SIZE AMPS # BKR CIRCL 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAI 13 "										NUMBER OF CONDUITS 1					
LOW VOLTAGE PHASE DESIGN LOAD AMPS NEUTRAL BUS GROUND BUS AVAILABLE FAULT CURRE MAIN BREAKER SIZE AMPS # BKR CIRCL 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAI 13 "									FEEDER CONDUIT 2"						
PHASE DESIGN LOAD AMPS NEUTRAL BUS GROUND BUS AVAILABLE FAULT CURRE MAIN BREAKER SIZE AMPS # BKR CIRCL 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAI 13 "									WIRE SIZE L1 #3/0						
# BKR CIRCL 1 20/1 GFI MARC 3 20/1 GFI SLICE 9 11 50/2 BREAL								WIRE SIZE L2 #3/0 WIRE SIZE L3 #3/0							
# BKR CIRCL 1 20/1 GFI MARC 3 20/1 GFI SLICE 9 11 50/2 BREAL				200		WIRE SIZE		JTR/	AL	#3/0					
# BKR CIRCL 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL				YES		WIRE SIZE				#6					
# BKR CIRCL 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL				YES											
# BKR CIRCU 1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "	ENT AT THIS PANEL			22,000											
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "	PS			200											
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
1 20/1 GFI MARC 3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "															
3 20/1 GFI 4 FT. 0 5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "	CUIT DESCRIPTION	\dashv	Н	VA	₩	VA	-	Н	CIRCUIT DESCRIPTION	BKR	#				
5 SPACI 7 20/1 GFI SLICE 9 11 50/2 BREAI 13 "	C MEAT CASE	_		750	L1	875	С		LIGHTING GROUP	20/1	2				
7 20/1 GFI SLICE 9 11 50/2 BREAL 13 "	COLD UNIT	\perp		750	L2	875	С		LIGHTING GROUP	20/1	4				
9 11 50/2 BREAI	CE			i .	L3	900	D		GENERAL OUTLETS	20/1 GFI	6				
11 50/2 BREAL	ER #1	\perp		420	L1	200	D		ROOF GFI SERVICE PLUG	20/1	8				
13 "			(i	L2	420	к		SLICER #2	20/1 GFI	10				
10	AD OVEN			4,450	L3	1,000	D		COUNTER	20/1 GFI	12				
1 1				4,450	L1	800	D		SPARE	20/1 GFI	14				
15 20/1 WALK	K-IN COOLER			1,250	L2	1,150	к		COUNTER FOOD WARMER	20/1 GFI	16				
17 20/2 COOL	LER	4		968	L3	1,438	к		COUNTER COODER/WARMER	20/2 GFI	18				
19		4	ŀ	968	L1	480	D		COUNTER POINT OF SALES	20/1 GFI	20				
21 20/1 STEP-	P-IN FREEZER	\downarrow		1,250	L2	600	D		UNDERCOUNTER COOLER	20/2 GFI	22				
23 20/2 FREEZ	EZER	\downarrow	ŀ	1,250	L3	550	D		RESTROOMS	20/1	24				
25		\downarrow		1,250	L1	600	D		GENERAL OUTLETS	20/1	26				
27 20/1 GFI SAND	DWICH UNIT	4	'	1,000	L2	1,200	С		STORE FRONT SIGN J-BOX	20/1	28				
29 60/3 AC UN	INIT (6 T)	4	ı	4,100	L3	600	D		PHONE/IT SYSTEMS	20/1 GFI	30				
31		\downarrow		4,100	L1	400	С		SECURITY/NIGHT LIGHTS	20/1	32				
33		\downarrow		4,100	L2	460	D		WATER HEATER CONTROLLER	20/1 GFI	34				
35 SPACI	CE	\downarrow	-	<u>;</u>	L3	600	к		MARCHANDISE COOLER	20/1 GFI	36				
37 50/3 AC UN	INIT (5 T)	\downarrow		2,950	L1	480	κ	\Box	CARBONATOR	20/1 GFI	38				
39		\bot	ı	2,950	L2	900	К		EXH-HOOD FAN BREAD OVEN	20/1	40				
41			ı	2,950	L3		G		NOT USED		42				

PANEL		"B"						FEEDER						
FED FR							NUMBER OF CONDUITS 1							
# CIRC						42		FEEDER CONDUIT 1"						
HI VOL						208		WIRE SIZE L1 #6						
	OLTAGE					120		WIRE SIZE L2 #6						
					WIRE SIZE L3 #6 WIRE SIZE NEUTRAL #6									
					WIRE SIZE					#6 #10				
	ND BUS					YES YES		WIRE SIZE	Gr	.001	עט		#10	
		CURRENT AT THIS PANEL				22,000								
	REAKER SIZ					50								
								 						_
#	BKR	CIRCUIT DESCRIPTION		Н	I	VA		VA	I	Н		CIRCUIT DESCRIPTION	BKR	;
	00/4 051	LIAND DOVED			Ĺ	4.000		000	١.,			EXILLIOOD FAN ODILL	00/4	Π
1	20/1 GFI	HAND DRYER		+	D	1,600	L1	900	М	\vdash	⊢	EXH-HOOD FAN GRILL	20/1	1
3	20/1 GFI	HAND DRYER			D	1,600	L2	1,400	к		L	DRINK MACHINE	20/1	Ŀ
5	20/1	HOOD MUA SUPPLY FAN			М	900	L3	300	D			SPEAKERS/TV	20/1 GFI	
7					G		L1	600	D			INTERIOR SIGNS	20/1	
9					G		L2	1,250	к			SANWICH UNIT	20/1 GFI	1
11					G		L3	1,200	к			ICED TEA MACHINE	20/1 GFI	1
13					G		L1	550	к			EQUIP. LIGHTS	20/1 GFI	1
15					G		L2	600	D			RECIRC. PUMP	20/1	1
17					G		L3		G					1
19					G		L1		G					2
21					G		L2		G	L	L			2
23					G		L3		G					2
25					G		L1		G					2
27					G		L2		G					2
29					G		L3		G					3
31					G		L1		G					3
33					G		L2		G					3
35					G		L3		G					3
37					G		L1		G					3
39					G		L2		G					4
				T	П				Т	Т	T			_
41					G		L3		G					

04 PANEL SCHEDULE SCALE: N.T.S.

BASED ON THE 2017 NEC				NEO 000 0
BROLD ON THE 2011 NEO				NEC 220.6
CALCULATED LOAD (NEC 215.5)	L1 19,023 VA	L2 17.205 VA	L3 19,106 VA	NEUTR 19,106
0/12022 (120 20/18 (1120 210.0)	10,020 ***	17,200 171	10,100 171	10,100
CALCULATED LOAD WITH DEMAND FACTORS	, ,			
GENERAL LOAD	0 VA	0 VA	0 VA	0
RECEPTACLE LOAD (NEC TABLE 220.44)				
1ST 10,000W	2,080 VA	1,060 VA	3,050 VA	2,080
CONTINUOUS LOAD (NEC 215.2)	1,275 VA	2,075 VA	0 VA	1,275
PLUS 25%	319 VA	519 VA	0 VA	
0% (NEUTRAL) NEC 215.2(A) EX NO.	2			0
MOTOR LOAD (NEC 430.24)	7,350 VA	7,350 VA	7,350 VA	7,350
PLUS 25% OF LARGEST MOTOR	1,100 VA	1,100 VA	1,100 VA	1,100
KITCHEN LOADS (NEC 220.56)				
L1 (8,318 VA X 0.65) =	5,407 VA			5,407
L2 (6,720 VA X 0.65) =		4,368 VA		
L3 (8,706 VA X 0.65) =			5,659 VA	
TOTAL BALANCED LOAD (3-PHASE)	16,472 VA	16,472 VA	16,472 VA	
TOTAL BALANCED LOAD (1-PHASE)	687 VA	0 VA	687 VA	
TOTAL UNBALANCED LOAD (1-PHASE)	372 VA	0 VA	0 VA	
NEUTRAL LOAD				17,212
LINE AMPS BALANCED (3-PHASE)	137.2 A	137.2 A	137.2 A	
LINE AMPS BALANCED (1-PHASE)	6.6 A	0.0 A	6.6 A	
LINE AMPS UNBALANCED (1-PHASE)	3.1 A	0.0 A	0.0 A	
TOTALS	146.9 A	137.2 A	143.8 A	143.4
ADJUSTMENT FACTOR	0.0 A	0.0 A	0.0 A	0.0
TOTAL DESIGN LOAD	146.9 A	137.2 A	143.8 A	143.4
Three Phase	•	(146.9 A ÷ 1,000 X 0.866)	= 1.8 VD	
Voltage Drop %	(1.8 VD ÷ 208 V X 100) = 0.9 % VD	= 1.8 VD	
	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.55		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA ÷ Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA ÷ Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC -	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA ÷ Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor CLC - Conductor Multiplier L - Length of Conductor	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA ÷ Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor CLC - Conductor Let-Through Current CM - Conductor Multiplier L - Length of Conductor MC - Motor Contribution	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor CLC - Conductor Hultiplier L - Length of Conductor MC - Motor Contribution N - Number of Conductors Per Phase	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor CLC - Conductor Factor CLC - Conductor Multiplier L - Length of Conductor MC - Motor Contribution N - Number of Conductors Per Phase R - Resistance	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor CLC - Conductor Het-Through Current CM - Conductor Multiplier L - Length of Conductor MC - Motor Contribution N - Number of Conductors Per Phase R - Resistance UA - Utility Adjustment 1.1	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA ÷ Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor CLC - Conductor Factor CLC - Conductor Multiplier L - Length of Conductor MC - Motor Contribution N - Number of Conductors Per Phase R - Resistance UA - Utility Adjustment 1.1 V - Voltage	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 31 (Harmonic Load 0 VA + Connected Load 55, Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Poin Conductor Factor CF - Formula (1.732 Conductor Multiplier CM - Formula (1 Conductor Let-Through Current CLC - A - Amps AFC - Available Fault Current C - Conductor Constant CF - Conductor Factor CLC - Conductor Het-Through Current CM - Conductor Multiplier L - Length of Conductor MC - Motor Contribution N - Number of Conductors Per Phase R - Resistance UA - Utility Adjustment 1.1	(1.8 VD + 208 V X 100 10.15 (B) 4 (C) & NEC TABLE 3 334 VA) X 100 = 0 % t ((9,768 AFC X 1.00 UA) + 1 X 90 L X 9,916 AFC) + (12,8) + (1 + 0.579 CF) = 0.633 CM) = 0.9 % VD 310.15 B (2) A) 48 MC) = 9,916 AFC 44 C X 1 N X 208 V) = 0.57		

BASED ON THE 2017 NEC				NEC 220.6
	L1	L2	L3	NEUTR/
CALCULATED LOAD (NEC 215.5)	3,650 VA	4,850 VA	2,400 VA	4,850
CALCULATED LOAD WITH DEMAND FACTORS (N	IEC 215.5)			
GENERAL LOAD	0 VA	0 VA	0 VA	0
RECEPTACLE LOAD (NEC TABLE 220.44)				
1ST 10,000W	2,200 VA	2,200 VA	300 VA	2,200
CONTINUOUS LOAD (NEC 215.2)	0 VA	0 VA	0 VA	0
PLUS 25%	0 VA	0 VA	0 VA	
0% (NEUTRAL) NEC 215.2(A) EX NO. 2				0
MOTOR LOAD (NEC 430.24)	900 VA	0 VA	900 VA	0
PLUS 25% OF LARGEST MOTOR	225 VA	0 VA	225 VA	0
KITCHEN LOADS (NEC 220.56)				
L1 (550 VA X 0.65) =	358 VA			
L2 (2,650 VA X 0.65) =		1,723 VA		1,723
L3 (1,200 VA X 0.65) =		.,.==	780 VA	.,. 23
TOTAL BALANCED LOAD (3-PHASE)	2,205 VA	2,205 VA	2,205 VA	
	2,205 VA 1,478 VA	2,205 VA 1,478 VA	2,205 VA 0 VA	
TOTAL BALANCED LOAD (1-PHASE)	,	1,478 VA 240 VA	0 VA 0 VA	
TOTAL UNBALANCED LOAD (1-PHASE) NEUTRAL LOAD	0 VA	240 VA	U VA	3,923 V
LINE AMDS DALANCED /2 DUASES	18.4 A	18.4 A	18.4 A	
LINE AMPS BALANCED (3-PHASE)				
LINE AMPS HADAL ANGER (4 BLAGE)	14.2 A	14.2 A	0.0 A	
LINE AMPS UNBALANCED (1-PHASE)	0.0 A	2.0 A	0.0 A	
TOTALS	32.6 A	34.6 A	18.4 A	32.7 A
ADJUSTMENT FACTOR	0.0 A	0.0 A	0.0 A	0.0 A
TOTAL DESIGN LOAD	32.6 A	34.6 A	18.4 A	32.7 <i>F</i>
VOLTAGE DDOD CALCUL ATIONS				
Three Phase		(34.6 A ÷ 1,000 X 0.866) =	: 2.6 VD	
	(2 X 90' L X 0.4910 R X (2.6 VD ÷ 208 V X 100)		: 2.6 VD	
Three Phase Voltage Drop %	(2.6 VD ÷ 208 V X 100)) = 1.3 % VD	: 2.6 VD	
Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA ÷ Connected Load 10,900 Harmonic Load Does Not Exceed 50%	(2.6 VD ÷ 208 V X 100)) = 1.3 % VD	: 2.6 VD	
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA ÷ Connected Load 10,900 Harmonic Load Does Not Exceed 50%	(2.6 VD ÷ 208 V X 100)) = 1.3 % VD 10.15 B (2) A)	: 2.6 VD	
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA ÷ Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point (((2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 %) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA ÷ Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point ((Conductor Factor CF - Formula (1.732 X S	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 0 L X 9,796 AFC) ÷ (2,425) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point ((Conductor Factor CF - Formula (1.732 X S Conductor Multiplier CM - Formula (1) + ((2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point (((2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point ((Conductor Factor CF - Formula (1.732 X S Conductor Multiplier CM - Formula (1) + ((2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point (((2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point (((2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point ((Conductor Factor CF - Formula (1.732 X S) Conductor Multiplier CM - Formula (1) + (Conductor Let-Through Current CLC - Fondation A - Amps AFC - Available Fault Current	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point ((Conductor Factor CF - Formula (1.732 X 9 Conductor Multiplier CM - Formula (1) + (Conductor Let-Through Current CLC - Fond A - Amps AFC - Available Fault Current C - Conductor Constant	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point (((2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point ((Conductor Factor CF - Formula (1.732 X § Conductor Multiplier CM - Formula (1) + (Conductor Let-Through Current CLC - Formula (2) Conductor Constant C - Conductor Constant CF - Conductor Factor CLC - Conductor Let-Through Current	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 10,900 Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCULATIONS Available Fault Current at Starting Point ((Conductor Factor CF - Formula (1.732 X § Conductor Multiplier CM - Formula (1) + (Conductor Let-Through Current CLC - Fonductor Constant C - Conductor Constant CF - Conductor Factor CLC - Conductor Multiplier	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 0 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 0 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 0 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 0 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 0 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 0 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		
Three Phase Voltage Drop % HARMONIC CURRENT CALCULATION (NEC 310.1	(2.6 VD ÷ 208 V X 100) 5 (B) 4 (C) & NEC TABLE 3 0 VA) X 100 = 0 % 9,768 AFC X 1.00 UA) + 28 90 L X 9,796 AFC) ÷ (2,428 (1 + 3.027 CF) = 0.248 CM) = 1.3 % VD 10.15 B (2) A) 3 MC) = 9,796 AFC 5 C X 1 N X 208 V) = 3.027		

DATE: 4/5/23 JOB NO: 23006 DRAWN: STAFF CHECKED: CM



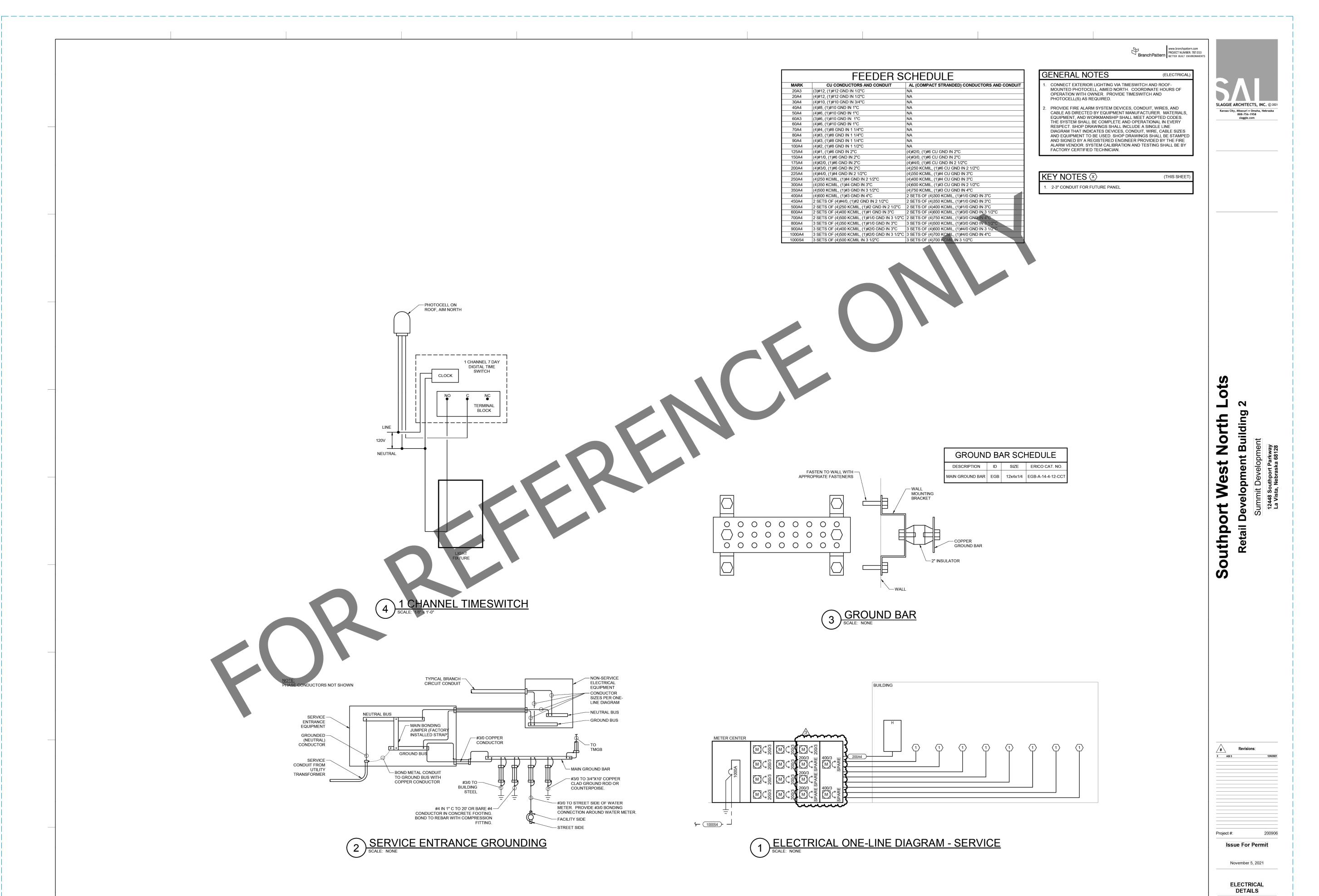
711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696

FAX: (817) 635-5699

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	
	_
	_
	_
	-
	-
	_

ELECTRICAL **DETAILS**





711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696

FAX: (817) 635-5699

MIKE'S SUB ort Parkway, Suite # sta, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	

SHELL BLDG. ELECTRICAL PLAN (FOR REF ONLY)

E104

E-201

- 1. CONTRACTORS AND SUB CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCING THE COMPLETE DOCUMENT SET.
- 2. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER AND CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY OWNER OF ANY DISCREPANCIES BEFORE STARTING WORK.
- 3. ALL ROOFING WORK (CUTS, REPAIRS, SPUD WORK, ETC.) SHALL BE
- PERFORMED BY THE LANDLORD'S APPROVED ROOFING CONTRACTOR.

 4. DRAWINGS FOR THE MECHANICAL WORK ARE DIAGRAMMATIC SHOWING THE GENERAL LOCATION, EQUIPMENT TYPE AND LAYOUT, THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURERS STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, INSULATION, WRAP OR LINER PER SCHEDULE, CONNECTIONS, OFFSETS, ACCESSORIES AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM. SUBMIT SHOP DRAWINGS.
- 5. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY INCLUDING APPLICABLE SECTIONS OF NFPA, OSHA, BOCA AND UBC OR ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK AND OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- 6. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL NEW GALVANIZED STEEL SUPPLY AND RETURN AIR DUCTS AS INDICATED. ALL DUCT TO BE INSULATED PER DUCT INSULATION SCHEDULE AND INSTALLED PER SMACNA.
- 7. DUCT DIMENSIONS SHOWN ARE 'AIRSTREAM' DIMENSIONS.

SHALL HAVE MOTORIZED DAMPERS WITH AIRTIGHT SEAL.

- 8. PLUMB CONDENSATE AND SECONDARY PER LOCAL CODE REQUIREMENTS.
- 9. OUTSIDE AIR REQUIREMENTS PER SCHEDULE; IF REQUIRED, ROUTE DUCT FROM OUTSIDE PER LOCAL CODE REQUIREMENTS. OA AND RELIEF SYSTEMS
- 10. MAINTAIN 10' CLEARANCE BETWEEN OUTSIDE AIR INTAKES AND ALL EXHAUST AND VENTS.
- 11. THE SCHEDULED ELECTRICAL POWER VALUES AND REQUIREMENTS ARE BASED ON THE MANUFACTURER'S DATA FOR THE SCHEDULED MODEL. ACTUAL VALUES FOR THE EQUIPMENT SELECTED BY THE CONTRACTOR MAY VARY. FIELD COORDINATE. MECHANICAL CONTRACTOR SHALL BE

- RESPONSIBLE FOR ANY ADDITIONAL COSTS DUE TO SUBSTITUTION OF EQUIPMENT FROM SCHEDULED MODEL.
- 12. COORDINATE WITH GENERAL CONTRACTOR LOCATIONS FOR ALL ACCESS DOORS IN GYPBOARD CEILING FOR ACCESS TO SMOKE DETECTORS, FIRE DAMPERS AND OTHER MECHANICAL OR ELECTRICAL EQUIPMENT AS REQUIRED.
- 13. ALL EQUIPMENT AND MATERIALS CAPABLE OF BEING UL LABELED OR LISTED SHALL CARRY THE UL LABEL.
- 14. PROVIDE PROGRAMMABLE THERMOSTATS. VERIFY LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
- 15. RUN-OUT DUCTS ARE SAME SIZE AS DIFFUSER NECKS UNLESS NOTED OTHERWISE.
- 16. CONSTRUCTION STANDARDS AND RECOMMENDATIONS OF SMACNA SHALL BE FOLLOWED WITH RESPECT TO CONSTRUCTION, INSTALLATION AND SUPPORTING OF ALL DUCTWORK. DUCTS SHALL BE SEALED IN ACCORDANCE WITH SMACNA CLASS C. ALL DUCTS EXCEPT FLEXIBLE RUNOUTS SHALL BE GALVANIZED SHEET METAL. NO FLEXIBLE DUCTWORK PERMITTED ABOVE IN ACCESSIBLE CEILINGS.
- 17. PROVIDE RETURN AIR FILTERS AT THE HVAC UNITS, NOT AT THE RETURN GRILLE WITHIN TENANT SPACE.
- 18. ALL LABOR, MATERIALS, AND EQUIPMENT SHALL BE PROVIDED WITH A ONE YEAR GUARANTEE FROM ALL DEFECTS.
- 19. ALL REQUIREMENTS FOR COMCHECK AND THE INTERNATIONAL ENERGY CODE MUST BE MET.
- 20. UPON COMPLETION OF THE INSTALLATION AND START-UP OF THE SYSTEM A TEST AND BALANCE AGENCY (TAB) SHALL BE RESPONSIBLE TO INSPECT, CHECK, TEST, ADJUST, BALANCE AND RECORD DATA ON THE PERFORMANCE OF THE AIR SYSTEMS AND COMPONENTS THEREOF IN ACCORDANCE WITH AABC NATIONAL STANDARDS FOR FIELD MEASUREMENT AND INSTRUMENTATION AND OTHER STANDARDS AS PUBLISHED BY THE AABC. THE TAB AGENCY IS RESPONSIBLE TO AND SHALL SUBMIT ALL REPORTS DIRECTLY TO THE OWNER PER IECC.
- 21. CONTRACTOR SHALL PROVIDE COMMISSIONING REQUIREMENTS PER LOCAL AUTHORITY HAVING JURISDICTION.
- 22. PROVIDE ROOF PADS UNDER THE EXHAUST FANS AS REQUIRED TO PROTECT THE ROOF.
- 23. ALL ROOF WORK IS TO BE PERFORMED BY THE LANDLORDS ROOFER AT THE TENANTS EXPENSE.
- 24. CONTRACTOR MUST MAINTAIN 10'-0" MIN DISTANCE BETWEEN ANY AND ALL EXHAUST & INTAKES OF THE BUILDING.
- 25. PROVIDE SMOKE DETECTOR ON UNITS PER LOCAL CODES.

MECHANICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING SUPPLY AIR DEVICE	SD	SMOKE DETECTOR	\boxtimes / \mathbf{X}	SUPPLY DUCT RISER		SPIN-IN DUCT CONNECTION
	CEILING RETURN AIR DEVICE / EXHAUST GRILLE	(CO)/(H)	CO = CARBON DIOXIDE SENSOR H = HUMIDISTAT		RETURN DUCT RISER	7	SPLITTER TEE DAMPER
	SUPPLY AIR FLOW	0	POINT OF CONNECTION TO EXISTING	X	90° ELBOW DOWN	Joseph Literary	SPETTER TEL DAWFER
__ -	RETURN / EXHAUST AIR FLOW	M	MOTORIZED DAMPER		90° ELBOW UP	'A' ——AIR DE' 10"Ø ——NECK S 350 ——AIR FLO	VICE DESIGNATION SIZE (INCHES) DW (CEM)
W-	FLEX DUCT CONNECTION		MANUAL BALANCING DAMPER		DUCT SIZE TRANSITION		VICE DESIGNATION
$(\bar{T})/(\bar{T})$	THERMOSTAT	F OR FD	FIRE DAMPER			EQUIPMENT TAGS ((NEW vs EXISTING)
S	TEMPERATURE SENSOR	FS	FIRE/SMOKE DAMPER		RECTANGULAR ELBOW W/ TURNING VANES	NEW EQUIPMENT T OF EQUIPMENT & # UNDERLINED ON PI	•
SA	SUPPLY AIR	OA	OUTSIDE AIR	EA	EXHAUST AIR	EXIST TYPE-# (EXIS	
RA	RETURN AIR	VTR	VENT THROUGH ROOF	MC	MECHANICAL CONTRACTOR	EXISTING EQUIPME TYPICALLY NOT UN	

KEYNOTES (X

- REFER TO RTU MOUNTING DETAIL, MITERED ELBOW DETAILS. GENERAL CONTRACTOR TO FIELD VERIFY RTU LOCATIONS AND PROVIDE ADEQUATE STRUCTURAL SUPPORT PER STRUCTURAL ENGINEERS RECOMMENDATIONS. LOCATE AT LEAST ONE SIDE OF RTU ABOVE STRUCTURAL MEMBER. PROVIDE DUCT SMOKE DETECTORS WITH REMOTE TEST AND RESET LOCATED NEAR ROOM TEMPERATURE SENSOR. SMOKE DETECTORS SHALL BE WIRED TO SHUT DOWN RTU'S IN THE EVENT SMOKE IS DETECTED. PROVIDE HAIL GUARDS ON ALL UNITS.
- ROUTE SAD AND RAD FULL SIZE OF UNIT OPENING DN AND CONNECT TO TOP OF SA AND RA MAIN. PROVIDE FLEXIBLE CANVAS DUCT CONNECTION AT UNIT CONNECTIONS.
- 3. PROVIDE T-STAT FOR UNITS WITHIN ZONE SERVED, VERIFY EXACT LOCATION, MODEL & TYPE WITH GC & OWNER.
- 4. PROVIDE 1/2" MESH SCREEN OVER INLET.
- 5. ROUTE 6" DIAMETER EAD UP FROM EF THRU ROOF TO ROOF CAP. ROOF CAP TO BE PAINTED PER THE LANDLORD.
- 6. FULL SIZE DUCT FOR UNIT RETURN AIR.
- 7. PRE-FABRICATED STEEL DUCT UP FROM EXHAUST HOOD TO EXHAUST FAN ON ROOF. TRANSITION TO DUCT AT HOOD. PROVIDE GREASE DUCT FIRE PROTECTION WRAP (FYREWRAP ELITE 1.5 DUCT INSULATION GREASE DUCT ASTM E2336 SYSTEM).
- 8. ROUTE SAD FULL SIZE OF HOOD CONNECTION UP FROM HOOD AND CONNECT TO MUA FAN UNIT.

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM

O O WH

8"Ø

8"Ø

200

CFM

4"Ø

CFM

MUA-1 ON ROOF

10"Ø 300 CFM

10"Ø

300 CFM

10"Ø 300 CFM

300 CFM

CFM

EXHAUST

/ BREAD

OVEN EF-2

ROOF/

ON ROOF

'A' 10"Ø 300 CFM

'A' 10"Ø 300 CFM

GRILL HOOD



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696

FAX: (817) 635-5699

JERSEY MIKE'S SUB. 2434 Southport Parkway, Suite #1 La Vista, NF 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

MECHANICAL PLAN

SHEET NUMBER

M 10 1



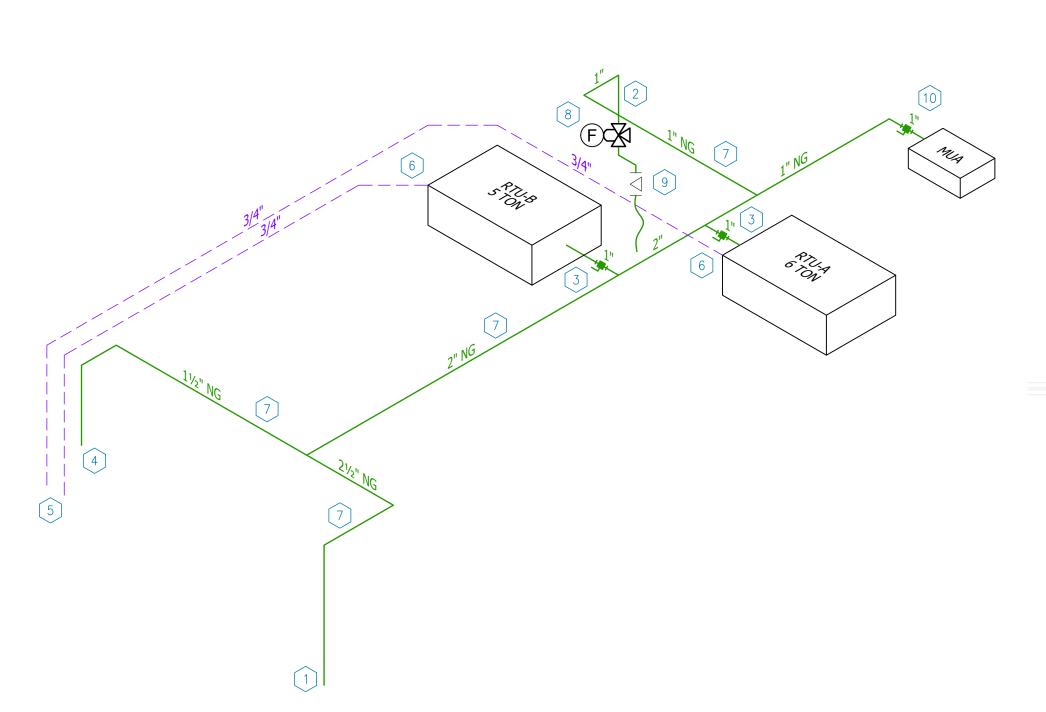
CFM

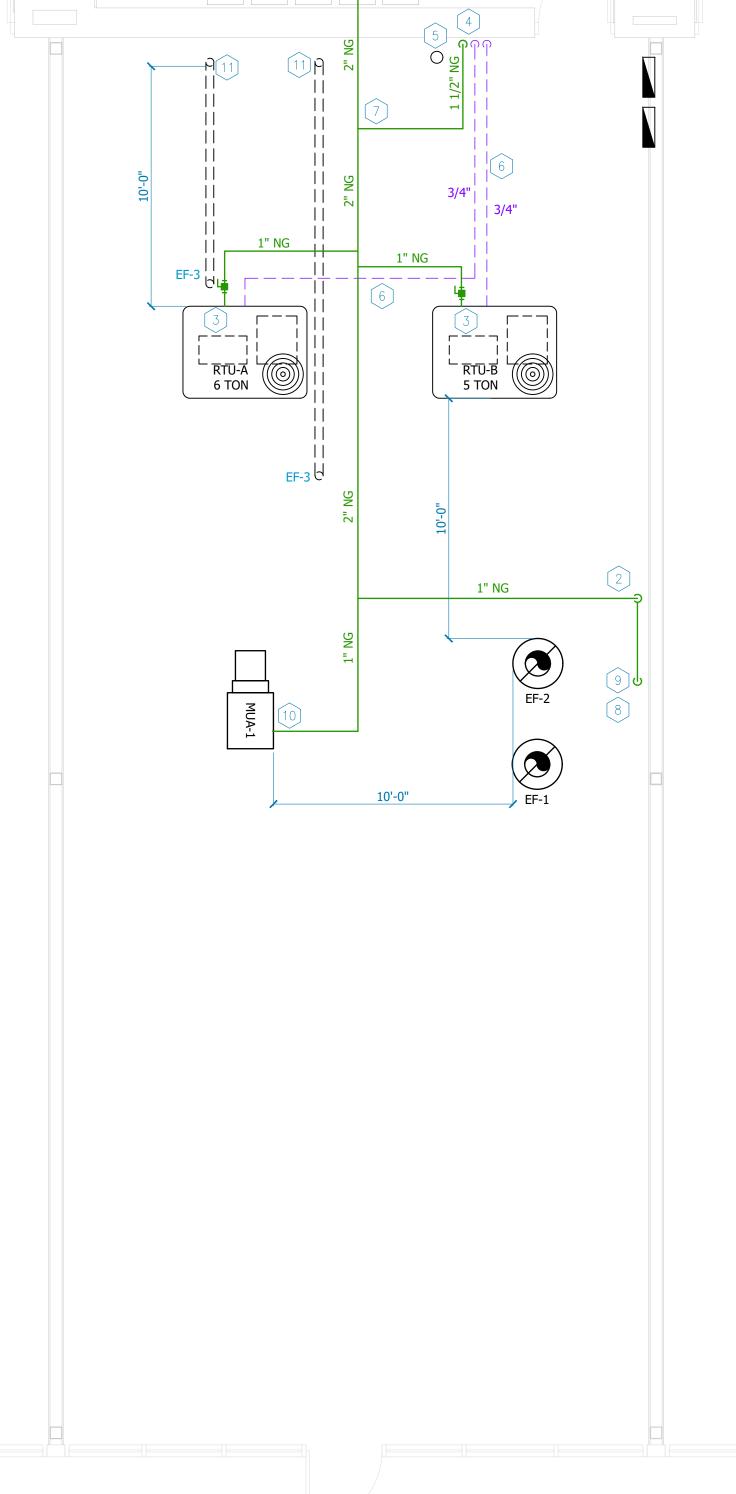
- 1. COORDINATE ALL NEW WORK WITH EXISTING CONDITIONS PRIOR TO ORDERING/FABRICATING NEW WORK. OFFSET/EXTEND NEW WORK AS REQUIRED TO AVOID CONFLICTS WITH EXISTING CONDITIONS.
- 2. PAINT ALL EXPOSED GAS PIPING PER THE LANDLORD EXCEPT FOR ROOF. PAINT ALL ROOF MOUNTED EXPOSED GAS PIPING PER LANDLORD OR LOCAL CODES.
- 3. PROVIDED SUPPORT BLOCKING AS REQUIRED PER LOCAL CODE.
- 4. SECURE PIPING AND ALL MECHANICAL EQUIPMENTS AS REQUIRED PER LOCAL CODES.

KEYNOTES (X

- 1. RUN 2 1/2" GAS LINE BACK TO NEW GAS METER. CONTRACTOR TO COORDINATE WITH LOCAL GAS UTILITY COMPANY TO ENSURE NEW GAS METER AND PIPING UPSTREAM OF METER IS SIZED APPROPRIATELY. CONTRACTOR TO PAY FOR ALL INCURRED COSTS. NEW TOTAL GAS LOAD IS APPROXIMATELY 627 MBH. PROVIDE PRV AS REQUIRED. ALL PIPING SIZED BASED ON 0.5" WC PRESSURE DROP AND 150 FT TOTAL DEVELOPED LENGTH. FIELD VERIFY TOTAL DEVELOPED LENGTH.
- 1" GAS LINE DOWN TO GRIDDLE (135 MBH) WITH DIRT LEG AND SHUTOFF VALVE. INSTALL AUTOMATIC SHUT-OFF VALVE AND SHUNT TRIP INTERLOCKED WITH FIRE SUPPRESSION SYSTEM AND MANUAL PULL STATION ON WALL.
- 3. 1" GAS LINE ON ROOF TO RTU-A (72 MBH) AND 1" GAS LINE ON ROOF TO RTU-B (60 MBH) EACH WITH DIRT LEG AND SHUTOFF VALVE. PROVIDE REGULATOR, SUPPORT ALL PIPING ON ROOF PER CODE.
- 4. 1 1/2" GAS LINE DOWN THRU ROOF TO WATER HEATER (300 MBH) WITH SHUTOFF VALVE AND DIRT LEG. PROVIDE WEATHERPROOF SEAL AROUND PIPE PENETRATION. ROUTE FLUE AND INTAKE UP TO CONCENTRIC VENT ON ROOF. SIZE AND INSTALL FLUE, INTAKE, AND VENT PER MANUFACTURER RECOMMENDATIONS.
- 5. WATER HEATER VENT & CAP ON ROOF.
- 6. 3/4" CONDENSATE DRAIN LINE FOR EACH UNIT ROUTE TO A FUNNEL DRAIN AT MOP SINK WITH 1" MIN. AIR GAP. SEE DETAIL SHEET M103.
- 7. CONTRACTOR SHALL PROVIDE PIPE SUPPORTS PER LOCAL CODES.
- . CONTRACTOR SHALL PROVIDE PIPE SUPPORTS PER LOCAL CODES
- 8. AUTOMATIC GAS VALVE, INTERLOCK WITH HOOD FIRE EXTINGUISHING SYSTEM. COORDINATE WITH FIRE EXTINGUISHING SYSTEM INSTALLER. PROVIDE AUTOMATIC SHUT OFF GAS VALVE WITH MANUAL RESET PER UMC 513.4.
- 9. CUT-OFF WITH QUICK CONNECT AND GAS FLEX TO EACH APPLIANCE, COORDINATE WITH EQUIPMENT
- 10. 1" GAS LINE ON ROOF TO MUA (60 MBH) WITH DIRT LEG AND SHUTOFF VALVE. PROVIDE REGULATOR, SUPPORT ALL PIPING ON ROOF PER CODE.
- 11. EF-3 CAP & SCREEN. ROUTE REST ROOM EXHAUST A MINIMUM OF 10'-0" FROM ANY INTAKE AIR.

GAS SYMBOL LEGI	END
SYMBOL	DESCRIPTION
	EXISTING GAS LINE
	NEW GAS LINE
	CONDENSATE DRAIN LINE
•	CONNECT TO EXISTING
-4	STOP VALVE
G	PIPE DOWN THRU ROOF
L	CLEANOUT
NOTE: NOT ALL SYMBOLS MAY BE US	SED ON THIS PROJECT.





DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696

FAX: (817) 635-5699

12434 Southport Parkway, Suite # La Vista, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

GAS PIPING PLAN

SHEET NUMBER

01 GAS/MECHANICAL ROOF PLAN

	CONSTRUCTION DE	TAILS FOR RECTANG	GULAR SHEET METAL D	DUCTS FOR STATIC AIR PRESSURES UP TO 2" WC
STEEL-U.S. STANDARD INCHES (GAGE)	ALUMINUM B. & S. INCHES (GAGE)	COPPER COLD ROLLED	DUCT DIMENSIONS (IN INCHES)	PERMISSIBLE GIRTH JOINTS AND LONGITUDINAL SEAMS
0.019 (26)	0.020 (24)	16 OZ.	UP THROUGH 12	DRIVE SLIP, PLAIN "S" SLIP, OR 1" POCKET LOCK
0.024 (24)	0.025 (22)	24 OZ.	19 THROUGH 30	HEMMED "S" SLIP, 1" BAR SLIP, OR 1" POCKET LOCK ON 5' CENTERS HEMMED "S" SLIP, 1" BAR SLIP, OR 1" POCKET LOCK ON 10' CENTERS WITH 1"x1"x1/8" ANGLES ON CENTER LINE BETWEEN HEMMED "S" SLIP, 1" BAR SLIP, OR 1" POCKET LOCK ON 10' CENTERS WITH CROSS BREAK 1" STANDING SEAM ON 5' CENTERS
			31 THROUGH 42	BAR SLIP, REINFORCED BAR SLIP, OR POCKET LOCK ON 5' CENTERS 1 BAR SLIP, REINFORCED BAR SLIP, OR POCKET LOCK ON 10' CENTERS WITH 1"x1"x1/8" ANGLES ON CENTER LINE BETWEEN 1" STANDING SEAM ON 5' CENTERS INSIDE LONGITUDINAL STANDING SEAMS WITH 1"x1"x1/8" ANGLES ON 5' CENTERS ON EXTERIOR
0.030 (22)	0.032 (20)	32 OZ.	43 THROUGH 54	1-1/2" BAR SLIP, REINFORCED BAR SLIP, OR POCKET LOCK ON 4' CENTERS 1-1/2" BAR SLIP, REINFORCED BAR SLIP, OR POCKET LOCK ON 8' CENTERS WITH 1-1/2"x1-1/2"x1/8" ANGLES ON CENTER LINE BETWEEN 1" STANDING SEAM ON 5' CENTERS 1-1/2" BAR SLIP, REINFORCED BAR SLIP, OR POCKET LOCK ON 4' CENTERS WITH CROSS BREAK
0.036 (20)	0.040 (18)	36 OZ.	55 THROUGH 60	1-1/2" STANDING SEAM ON 3' CENTERS INSIDE LONGITUDINAL STANDING SEAMS WITH 1-1/2"x1-1/2"x1/8" ANGLES ON 4' CENTERS ON EXTERIOR
0.036 (20)	036 (20) 0.040 (18) 36 OZ.		61 THROUGH 84	REINFORCED BAR SLIP, ANGLE SLIP, OR ALTERNATE BAR SLIP, OR ANGLE REINFORCED POCKET LOCK ON 4' CENTERS USING 1-1/2"x1-1/2"x1/8" REINFORCING ANGLES AND WITH 1-1/2"x1-1/2"x1/8" ANGLES ON CENTER LINE BETWEEN REINFORCED BAR SLIP, ANGLE SLIP, OR ALTERNATE BAR SLIP, OR ANGLE REINFORCED POCKET LOCK ON 8' CENTERS USING 1-1/2"x1-1/2"x1/8" REINFORCING ANGLES AND WITH 1-1/2"x1-1/2"x1/8" ANGLES ON 2' ON CENTERS IN BETWEEN 1-1/2" ANGLE REINFORCED STANDING SEAM ON 2' CENTERS USING 1-1/2"x1-1/2"x1/8" REINFORCING ANGLES INSIDE LONGITUDINAL STANDING SEAM WITH 1-1/2"x1-1/2"x1/8" ANGLES ON 2' CENTERS ON EXTERIOR
0.047 (18)	0.050 (16)	48 OZ.	85 THROUGH 96	COMPANION ANGLES, ANGLE SLIP, OR ANGLE REINFORCED POCKET LOCK USING 1-1/2"x1-1/2"x3/16" COMPANION OR REINFORCING ANGLES ON 4' CENTERS WITH 1-1/2"x1-1/2"x3/16" ANGLES ON CENTER LINE BETWEEN COMPANION ANGLES, ANGLE SLIP, OR ANGLE REINFORCED POCKET LOCK USING 1-1/2"x1-1/2"x3/16" COMPANION OR REINFORCING ANGLES ON 8' CENTERS WITH 1-1/2"x1-1/2"x3/16" ANGLES ON 2' CENTERS IN BETWEEN 1-1/2" ANGLE REINFORCED STANDING SEAM ON 2' CENTERS USING 1-1/2"x1-1/2"x3/16" REINFORCING ANGLES INSIDE LONGITUDINAL STANDING SEAM WITH 1-1/2"x1-1/2"x3/16" ANGLES ON 2' CENTERS ON EXTERIOR
0.047 (18)	0.050 (16)	48 OZ.	OVER 96	COMPANION ANGLES, ANGLE SLIP, OR ANGLE REINFORCED POCKET LOCK USING 2"x2"x1/4" COMPANION OR REINFORCING ANGLES ON 4' CENTERS WITH 2"x2"x1/4" ANGLES ON CENTER LINE BETWEEN COMPANION ANGLES, ANGLE SLIP, OR ANGLE REINFORCED POCKET LOCK USING 2"x2"x1/4" COMPANION OR REINFORCING ANGLES ON 8' CENTERS WITH 2"x2"x1/4" ANGLES ON 2' ON CENTER LINE IN BETWEEN 1-1/2" ANGLE REINFORCED STANDING SEAM ON 2' CENTERS USING 2"x2"x1/4" REINFORCING ANGLES INSIDE LONGITUDINAL STANDING SEAMS WITH 2"x2"x1/4" ANGLES ON 2' CENTERS ON EXTERIOR

FOR PRESSURES IN EXCESS OF 2-INCH WATER COLUMN, DUCT WALL THICKNESS SHALL BE TWO GAGES HEAVIER THAN SET FORTH IN THIS TABLE DUCT SPECIFICATIONS SHOWN HERE ARE APPLICABLE WHEN DUCTS LARGER THAN 18 INCHES ARE CROSS BROKEN. WHERE CROSS BREAKING IS NOT USED, DUCT WALL THICKNESS SHALL BE TWO GAGES HEAVIER ON DUCTS 19 INCHES THROUGH 60 INCHES WIDE, UNLESS LONGITUDINAL STANDING SEAMS ARE

DUCT INSULATION REQUIREMENTS

			DUCT LOCATION			
CLIMATE ZONE	EXTERIOR	VENTILATED ATTIC	UNVENTED ATTIC ABOVE INSULATED CEILING	UNVENTED ATTIC W/ ROOF INSULATION a	UNCONDITIONED SPACE b	CONDITIONED SPACE c
			SUPPLY DUCTS			
3	R-8	R-6	R-6	R-6	R-3.5	1" LINER
			RETURN DUCTS			
1 TO 8	R-6	R-3.5	R-3.5	R-3.5	R-3.5	1" LINER

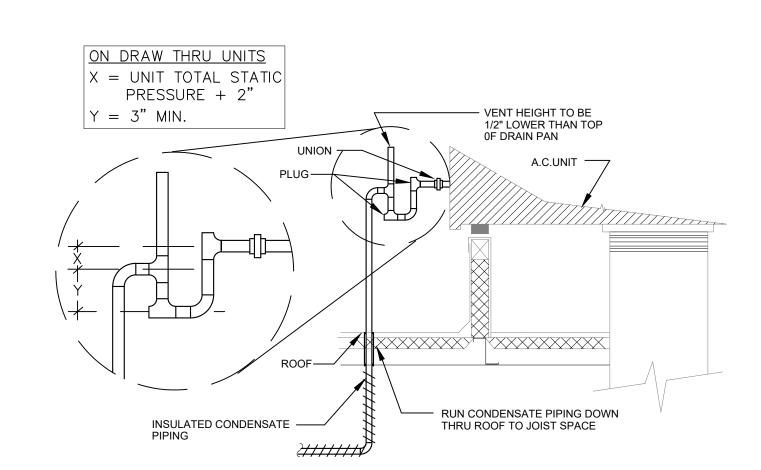
CONSIDER WATER VAPOR TRANSMISSION AND POSSIBLE SURFACE CONDENSATION. WHERE EXTERIOR WALLS ARE USED AS PLENUM WALLS, WALL INSULATION SHALL BE AS REQUIRED BY THE MOST RESTRICTIVE CONDITION OF APPLICABLE CODES. b. INCLUDES CRAWLSPACES, BOTH VENTILATED AND NONVENTILATED.

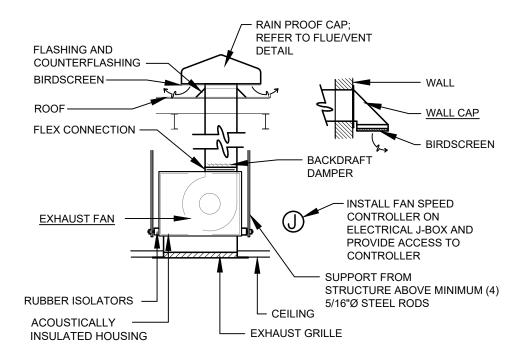
c. INCLUDES RETURN AIR PLENUMS WITH OR WITHOUT EXPOSED ROOFS ABOVE

1. REGARDLESS OF THE THICKNESS SPECIFIED, THE INSULATION SHALL MEET THE REQUIREMENTS OF THE INTERNATIONAL ENERGY CODE AND ASHRAE 90.1 3. USE MATERIALS ONLY AS APPROVED BY AUTHORITIES HAVING JURISDICTION. 4. ALL MATERIALS USED SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25 WITHOUT EVIDENCE OF CONTINUOUS PROGRESSIVE COMBUSTION. AND WITH A SMOKE DEVELOPED RATING OF NOT HIGHER THAN 50. SHOP DRAWING SUBMITTALS SHALL SHOW THIS INFORMATION. 5. USE OF ACOUSTIC INSULATION ON FIRST 15' OF DUCT SHALL NOT RELIEVE MINIMUM INSULATION REQUIREMENTS FOR THIS SECTION OF DUCTWORK.

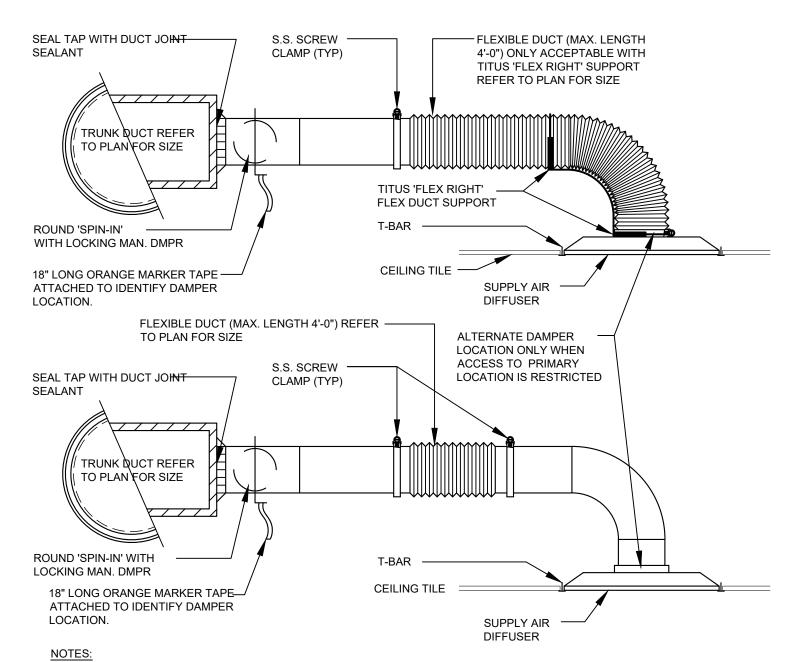
A. ALL PLENUMS SHALL BE INSULATED AS REQUIRED FOR DUCTWORK.

- B. JOINTS SHALL BE LAPPED 6 INCHES IN BOTH DIRECTIONS, SEALED WITH APPROVED MASTIC APPLIED OVER EACH JOINT AND SECURED IN PLACE. WHEN WRAPPED INSULATION MEETS LINED DUCTS OVERLAP THE INSULATION TYPES 24 INCHES. C. INSULATION SHALL BE INSTALLED IN A VAPOR-TIGHT MANNER AND MAY BE FASTENED WITH THE USE OF STAPLES OR OTHER FASTENING MATERIAL AS RECOMMENDED BY INSULATION MANUFACTURER PROVIDED THE FASTENERS ARE COVERED WITH MASTIC OR SMACNA TAPE. D. WHERE RECTANGULAR DUCTS ARE 24" IN WIDTH OR GREATER, DUCT WRAP INSULATION SHALL BE ADDITIONALLY SECURED TO THE BOTTOM OF THE
- G. FOR INTERNAL INSULATION, APPLY INSULATION TO INSIDE OF DUCTS AND PLENUMS WITH FIRE RETARDANT ADHESIVE WITH FACED SIDE EXPOSED TO AIR STREAM. FORM LONGITUDINAL JOINTS IN CORNERS OF DUCT OR
- PLENUM ONLY. TIGHTLY BUTT JOINTS TOGETHER AND SIZE WITH FIRE-RETARDANT ADHESIVE TO PROVIDE A SMOOTH SURFACE. IN DUCTS AND PLENUMS WITH ONE SIDE MORE THAN 24", SECURE INSULATION WITH ADHERED
- WITH WELDED MECHANICAL FASTENERS IN ADDITION TO ADHESIVE, FASTENERS SPACED AT 14" CENTERS IN BOTH





01 EXHAUST FAN DETAIL



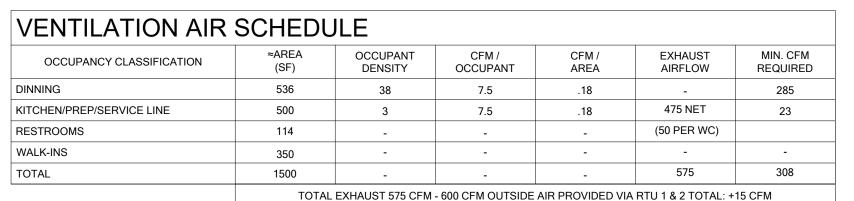
NOTES:

1. ALL PLENUMS AND DUCTS MUST BE SUPPORTED FROM STRUCTURE PER LOCAL CODE STANDARDS AND SMACNA STANDARDS. 2. ALL DUCT MUST BE SEALED FOLLOWING TAPE AND MASTIC MANUFACTURER'S GUIDELINES. 3. ALL FLEX DUCT SHALL BE INSTALLED FOLLOWING MANUFACTURER'S GUIDELINES. FLEX DUCTS SHALL BE EQUAL TO "FLEXMASTER TYPE 8M", INSULATED WITH ONE AND ONE-HALF INCH (1.5") THICK FIBERGLASS, UL APPROVED WITH A FLAME SPREAD RATING OF NO MORE THAN 25, A SMOKE DEVELOPED RATING OF NO MORE THAN 50, AND WITH A MAXIMUM THERMAL CONDUCTANCE OF 0.23 AT 75 DEGREES F. ALL FLEXIBLE DUCTS SHALL BE CONNECTED TO TRUNK OR BRANCH DUCTS WITH A BANDED SCREW CLAMP AT EACH CONNECTION. FLEXIBLE DUCTS SHALL BE SUPPORTED BY ONE INCH (1") WIDE 16 GAUGE (MINIMUM) METAL STRIPS. THE MAXIMUM LENGTH OF FLEXIBLE DUCTS SHALL BE FOUR FEET (4'-0"), OR LESS IF LIMITED BY LOCAL CODE. THE MINIMUM BENDING RADIUS SHALL BE ONE AND ONE-HALF (1.5) TIMES THE DUCT DIAMETER OR AS SUGGESTED BY THE

> 45 DEGREE CUT OPEN END PIPE W/ BIRDSCREEN COVER

> > CONCRETE FILLER -

02 CEILING DIFFUSER DETAIL



AIR DEVICE SC	CHEDULE			
DESIGNATION	A	В	С	D
MODULE SIZE	24" X 24"	24" X 24"	12" X 12"	24" X 24"
NECK SIZE	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN
FLOW RATE (CFM)	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN
NECK VELOCITY (FPM)	700 MAX.	400 MAX.	400 MAX.	400 MAX.
N.C. LEVEL	1 MAX.			
MANUFACTURER	TITUS	TITUS	TITUS	TITUS
MODEL NO.	TMS	PAR	TMS	50F
DESCRIPTION	LOUVERED SUPPLY DIFFUSER	PERFORATIED CEILING DIFFUSER	LOUVERED SUPPLY DIFFUSER	ALUMINUM EGGCRATE RETURN GRILLE
REMARKS	-	-	-	-

NOTES: 1. MOUNTING FRAMES SHALL BE COMPATIBLE WITH CEILING TYPE

2. PROVIDE OPPOSED BLADE DAMPER. 3. PROVIDE OFF WHITE FINISH.

4. ALL CEILING DIFFUSERS ARE 4-WAY DISCHARGE, UNLESS OTHERWISE INDICATED ON PLANS.

5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. 6. DUCT RUNOUTS ARE SAME SIZE AS AIR DEVICE NECK NOTED ON PLAN.

7. OR APPROVED ALTERNATE. ALTERNATE EQUIPMENT SUBMITTAL SHALL INCLUDE A CROSS REFERENCE GUIDE FOR APPROVAL.

FAN SCHEDULE

DESIGNATION	EF-3
SERVES	RESTROOM
MOUNTING	CEILING
TOTAL CFM	50
TOTAL S.P. (IN. W.G.)	0.375
MOTOR HP / WATTS	- / 45
DRIVE TYPE	DIRECT
VOLT/PHASE	120 / 1
SONES / WEIGHT (LBS)	2.5 / 25
MANUFACTURER	GREENHECK
MODEL NO.	SP-B70
ACCESSORIES	BD DAMPER
	INTERLOCK W/ LIGHT

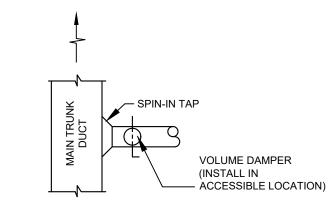
L. MOUNT FAN PER MANUFACTURER'S RECOMMENDATIONS.

2. MAINTAIN CODE REQUIRED DISTANCE BETWEEN EXHAUST OUTLET AND OUTSIDE AIR INTAKES.

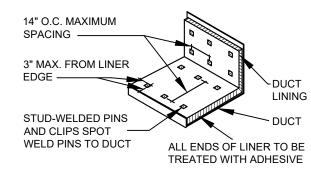
3. PROVIDE WITH SPEED CONTROL TO BE MOUNTED ON J-BOX ABOVE CEILING. 4. OR APPROVED EQUAL BY COOK.

DESIGNATION	RTU-A	RTU-B	
SERVES	DINNING	KITCHEN	
C.F.M.	2400	2000	
EXT. S.P. (IN. W.C.)	0.8	0.8	
O.A. C.F.M. (MIN.)	340	280	
COOLING COIL	340	200	
TOTAL CAPACITY (MBH)	72	60	
TOTAL CAPACITY (MBH)	72	60	
ENTERING AIR (DB/WB °F)	80/67	80/67	
AMBIENT TEMPERATURE (°F)	105	105	
CONDENSATE CONNECTION	.75 NPT	.75 NPT	
HEATING	.75 NP I	./5 NP1	
GAS INPUT	72	60	
	72	70	
ENTERING AIR TEMP. (°F)		-	
MINIMUM TEMP. RISE (°F)	35-65	35-65	
GAS CONNECTION COMPRESSOR	0.75	0.75	
COMPRESSOR		4	
NO. OF COMPRESSORS	1	1	
R.L.A. (EACH)	19.6/13.1		
CONDENSER FAN	4	1 4	
NO. OF FANS	1	1	
H.P. (EACH)			
F.L.A. (EACH)			
FILTERS			
TYPE	MERV 13+	MERV 13+	
THICKNESS	2	2	
ELECTRICAL	Γ		
VOLTAGE/PHASE (contractor must verify)	208/3	208/3	
MINIMUM CIRCUIT AMPS	44.0	37.8	
MAX. OVERCURRENT PROTECTION (VERIFY)	60	45	
ECONOMIZER	ENTHALPY	ENTHALPY	
MANUFACTURER	TRANE	TRANE	
MODEL NO.	YSC72	YSC60	
NOMINAL TON.	6	5	
ACTUAL TON.			
WEIGHT	900	750	
REMARKS	-		
NOTES:			

4. ALL UNITS TO BE BELT DRIVE OR VARIABLE SPEED 5. PROVIDE HAIL GUARDS ON ALL UNITS. GENERAL CONTRACTOR SHALL OBTAIN OWNERS/ENGINEERS APPROVAL FOR ALL NEW OR REPLACEMENT UNITS AND EQUIPMENT TO BE ATTACHED TO OR TO BE SET ON THE ROOF PRIOR TO PERFORMING ANY WORK.



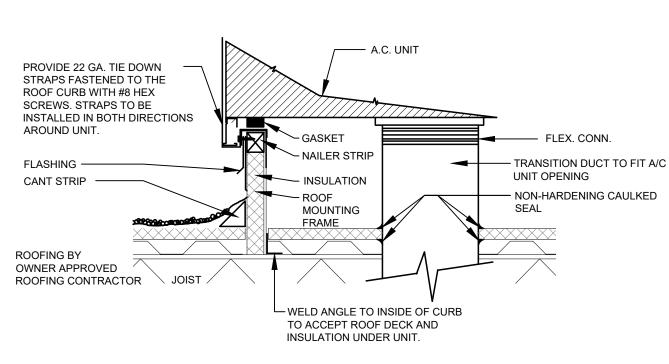
03 SPIN IN TAP DETAIL



04 ACOUSTICAL DUCT LINER

— PIPE SLEEVE SHALL BE TWO PIPE SIZES LARGER THAN GAS SUPPLY PIPE

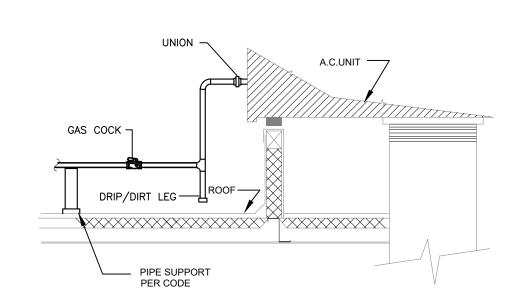
_B□NDING ADHESI∨E



NOTE:
ROOF DECK TO BE REMOVED AT DUCT
PENETRATIONS ONLY; PROVIDE BATT INSULATION AROUND DUCTS AT ROOF PENETRATION AS A SOUND BARRIER.

GENERAL CONTRACTOR SHALL OBTAIN OWNERS/ENGINEERS APPROVAL FOR ALL NEW OR REPLACEMENT UNITS AND EQUIPMENT ATTACHED TO OR SET ON ROOF PRIOR TO

05 RTU MOUNTING





08 ROOFTOP EQUIPMENT GAS CONNECTION

06 ROOFTOP EQUIPMENT CONDENSATE DRAIN TRAP

| SCALE: N.T.S.

07 GAS PIPE SLEEVE THRU ROOF

SCALE: N.T.S.

MECHANICAL

DETAILS

NOT FOR REGULATORY

APPROVAL, PERMITTING

OR CONSTRUCTION

Revisions

DATE: 4/5/23

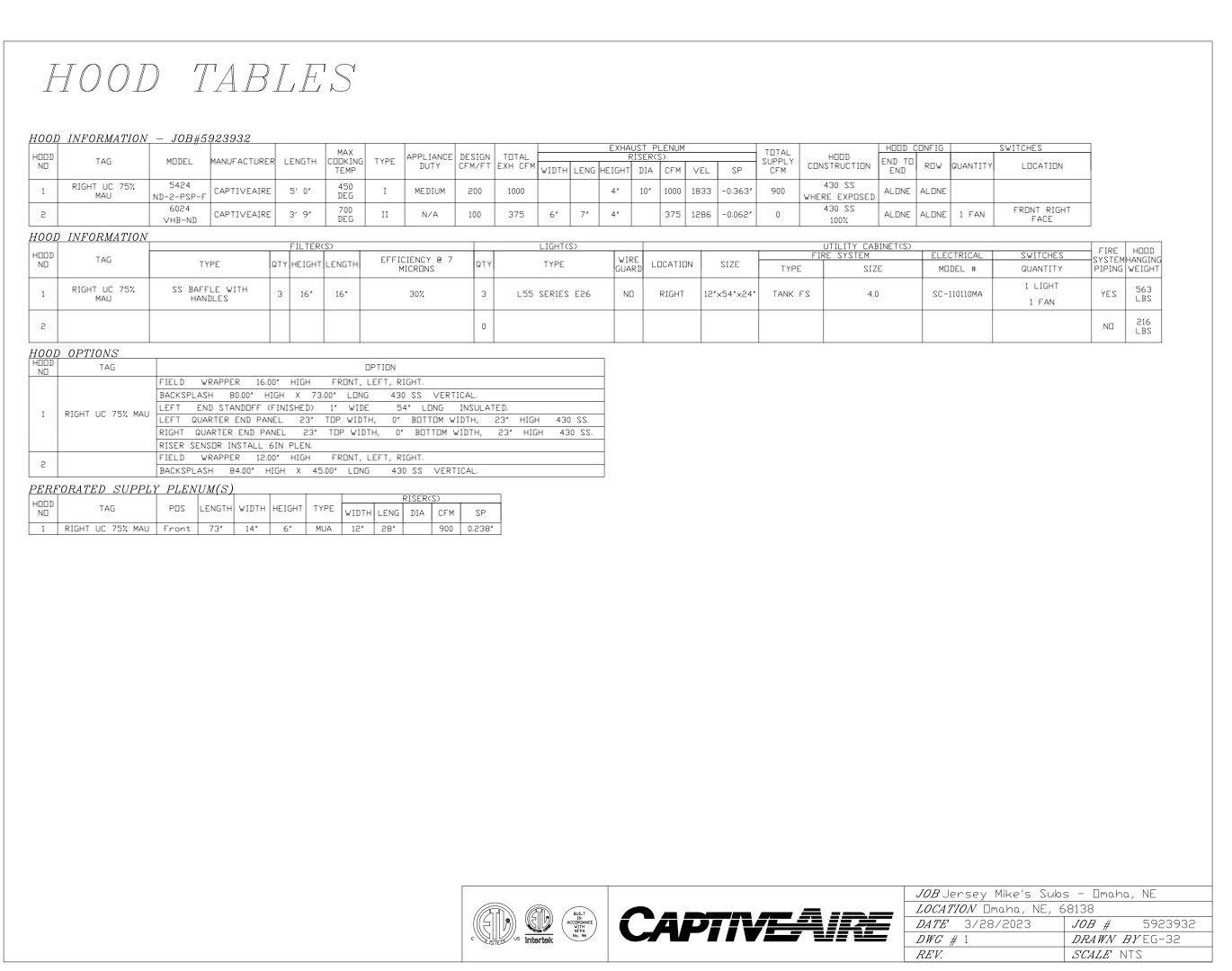
JOB NO: 23006

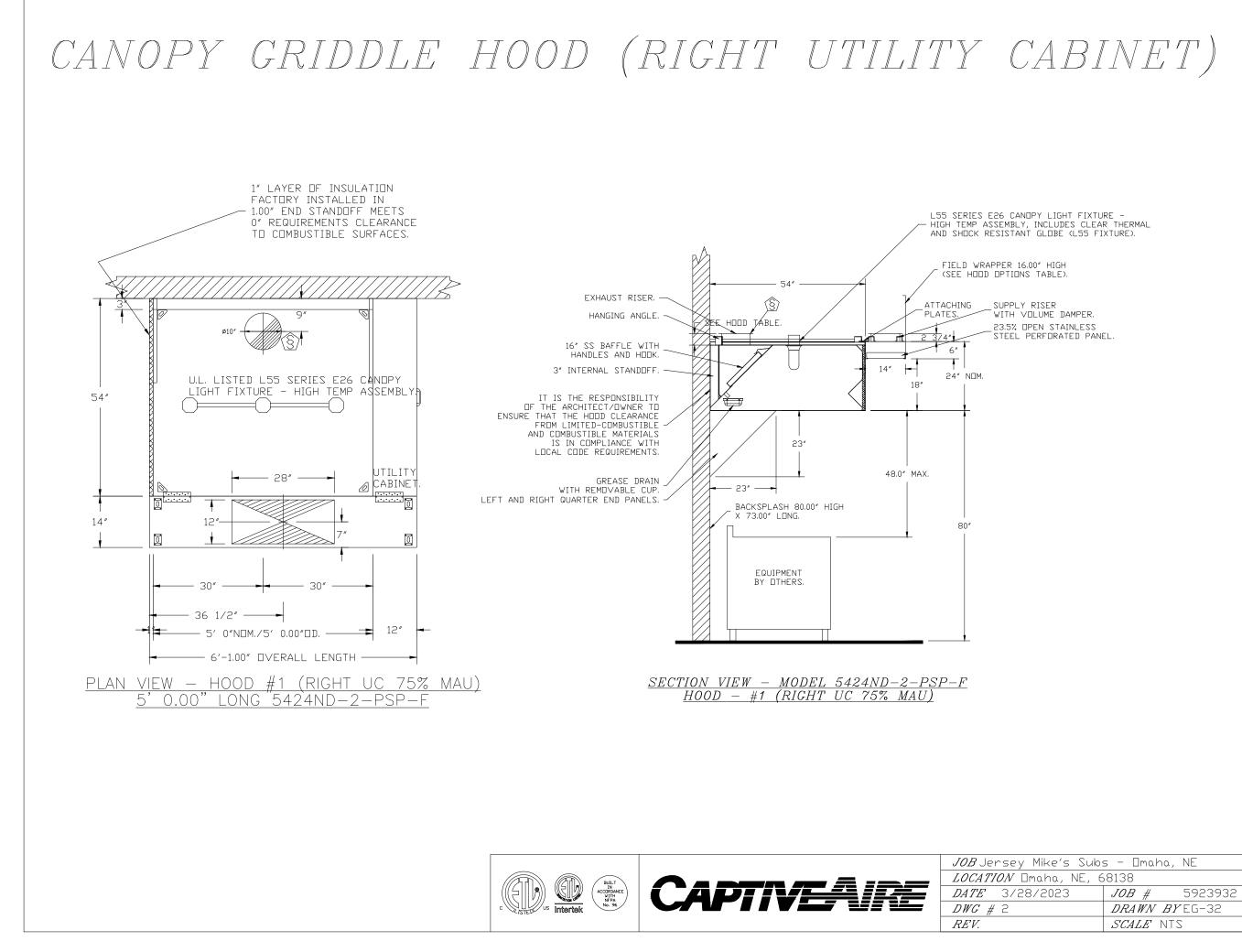
DRAWN: STAFF

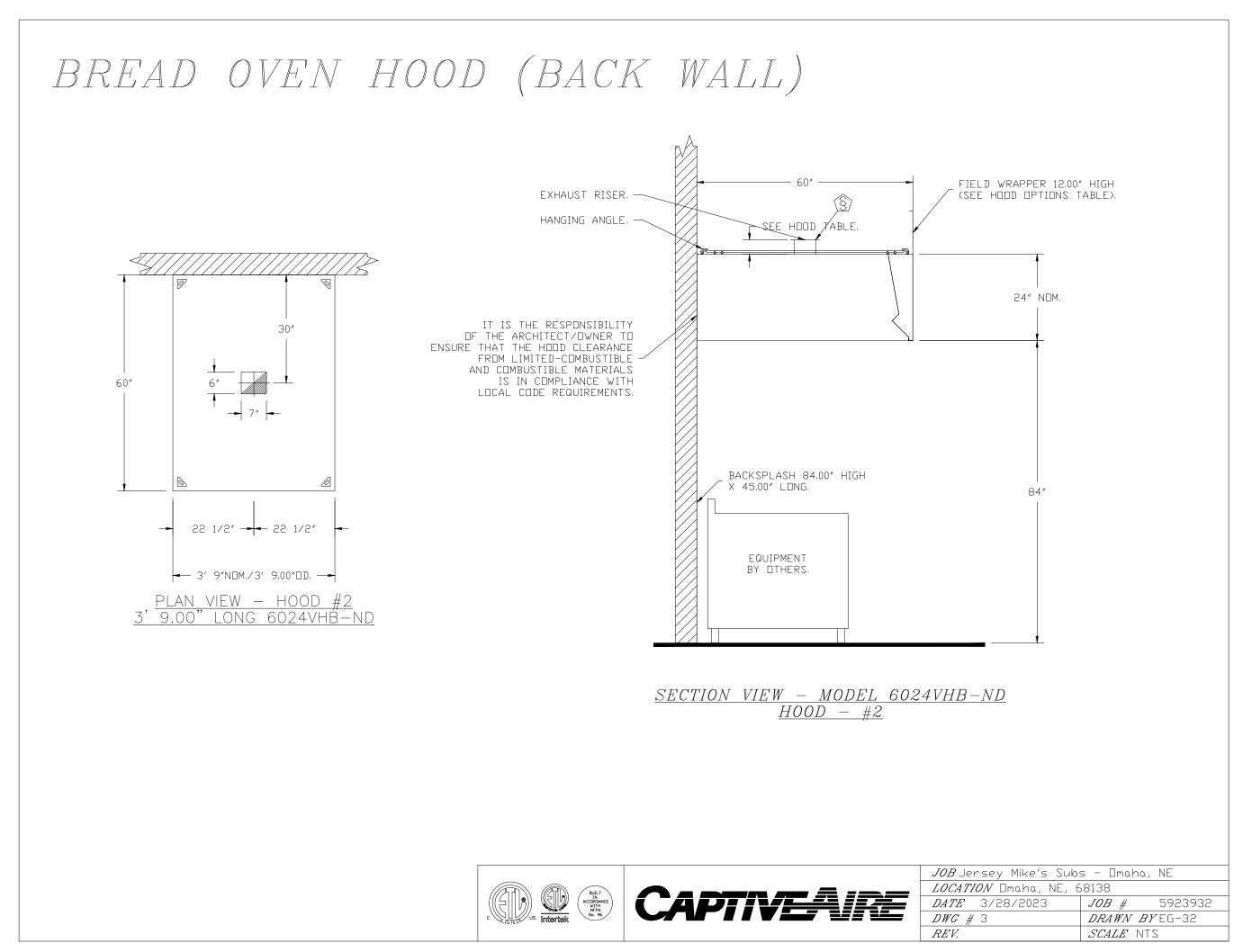
CHECKED: CM

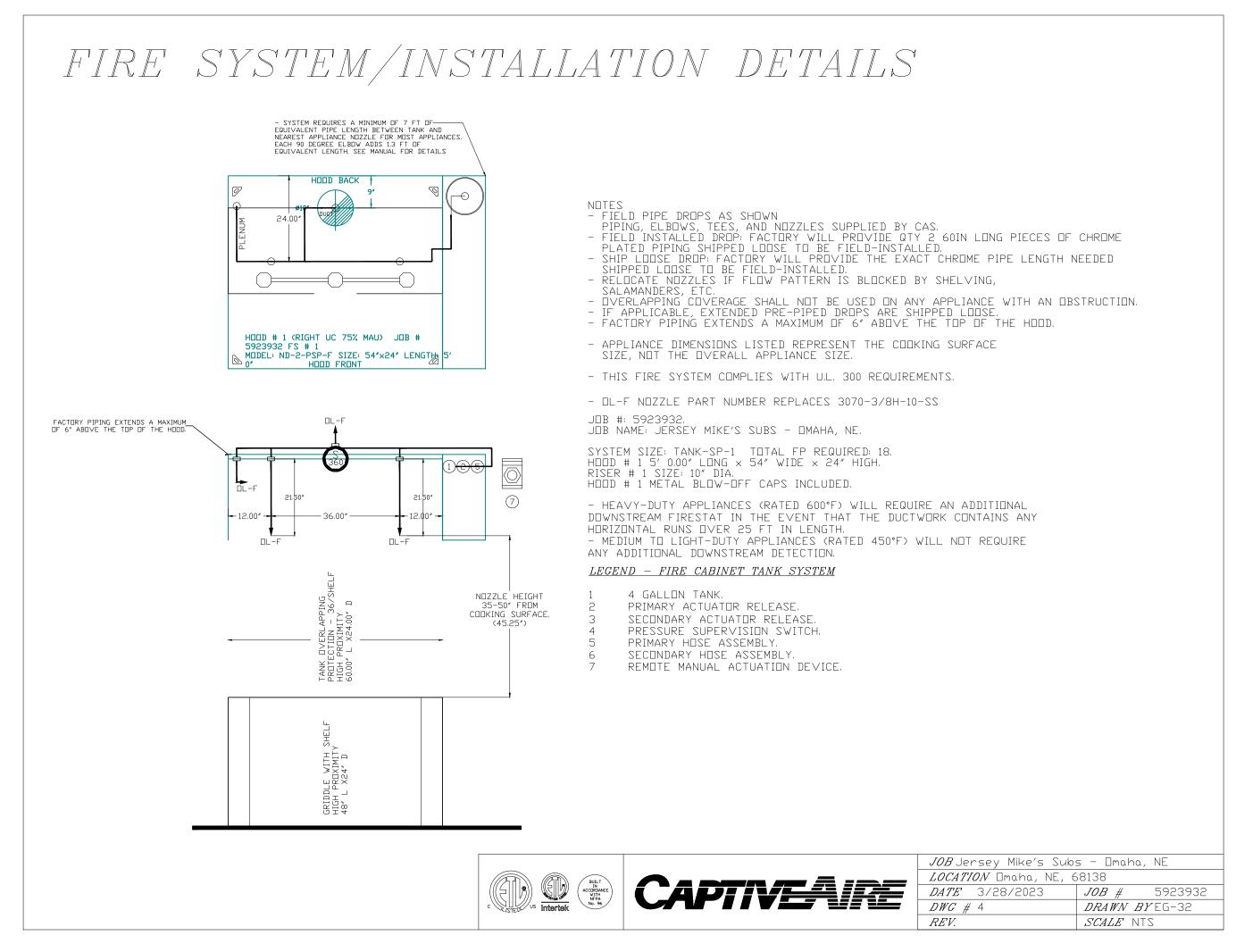
711 N. FIELDER RD. ARLINGTON, TX 76012 PH: (817) 635-5696

FAX: (817) 635-5699











711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696

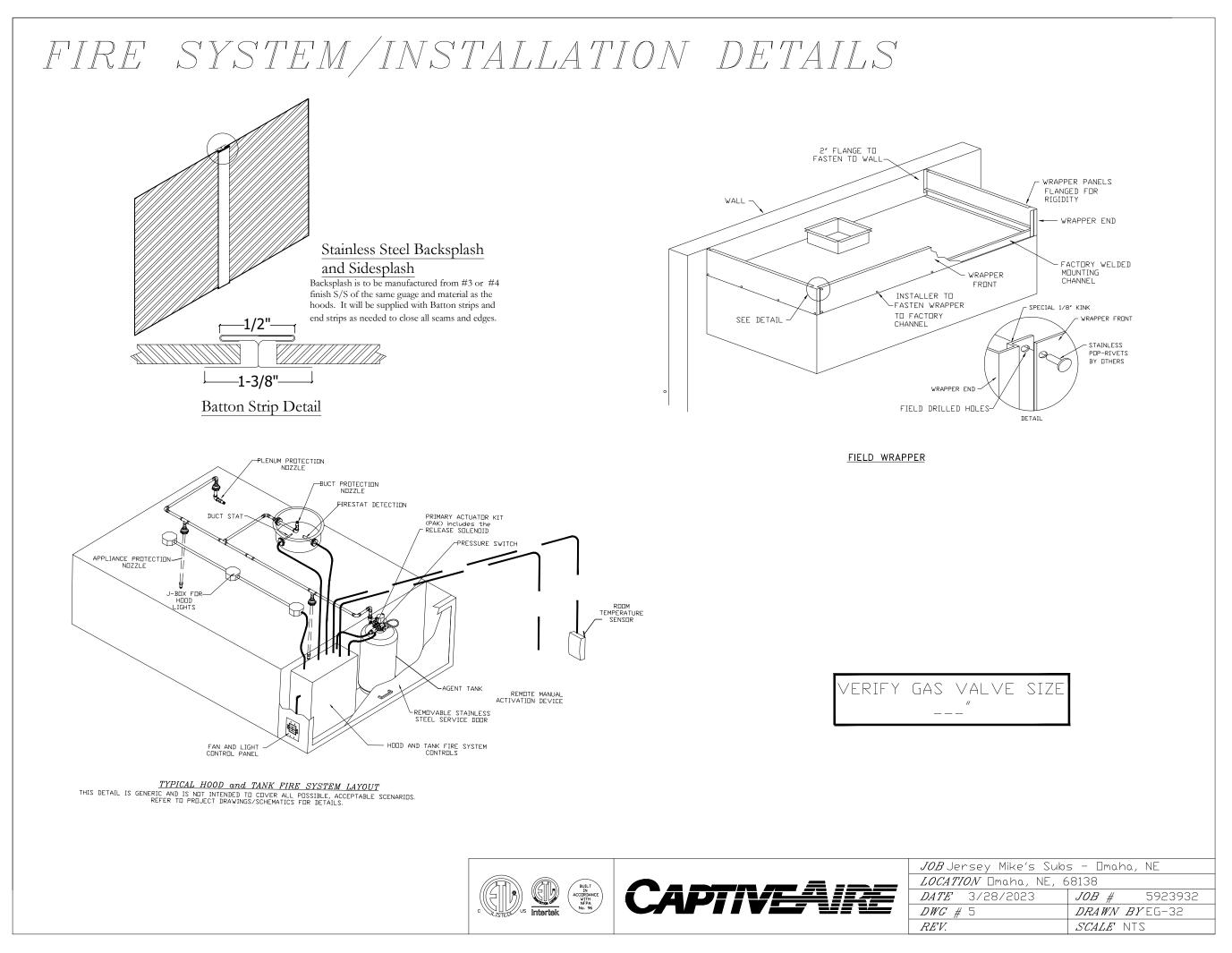
FAX: (817) 635-5699

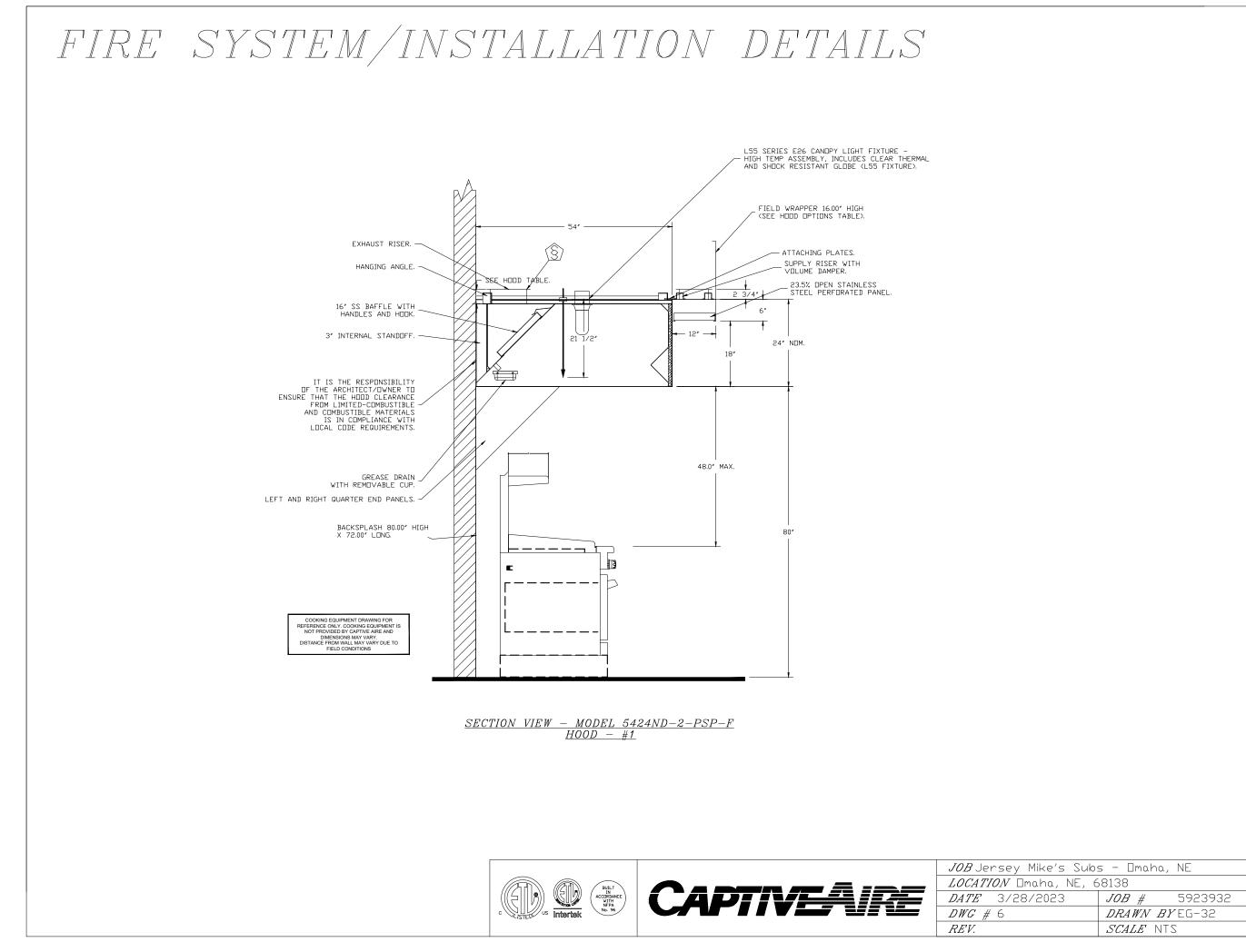
2434 Southport Parkway, Suite #103 La Vista, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

_		
F	Revisions	
_		

MECHANICAL HOOD PACKAGE





	□1			[] [] S)																			
FAN UNIT	TAG	QTY		IT MODEL #	MANUFA	CTURER	CFM	ESP	RPM	MDTDR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCH		WEIGHT (LBS)	SONES					
	RIDDLE EF	1	DU	 50HFA	CAPTIV	/EAIRE	1000	1.000	1471	TEAD-EC	M 0.500	0.3540	1	115	6.3	380		78	15					
3 60″ DEE	EP BREAD OVEN	1	DU	J12HFA	CAPTIV	/EAIRE	375	0.500	1404	DDP	0.180	0.1220	1	115	1.9	266	-РМ	56						
MUA FAN	INFORMATIO	ON - J	OB#59239	932															7					
UNIT TAG	i QTY	FAN U	NIT MODEL #	BLOWER	HDUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP F	HASE	VOLT F	LA MC	A MOC	> WEIG							
2 HEAT D	□WN 1		D76	G7D	D.6	600	900	0.400	1642	TEAD-ECM	1.000	0.4060	1	115 1	1.6 16.6	SA 254	30	8 18.5						
GAS FIRED	MAKE-UP		NIT(S)		_					_														
UNIT TA	AG INPUT BTUs	DUTPUT BTUs	TEMP RISE		INPUT GAS SSURE	S	GAS TYPE																	
2 HEAT	DOWN 58828	54122	59°F	7 IN. W.C.	– 14 IN. W	r.C.	NATURAL																	
FAN OPTIC																								
UNIT NO	TAG	QTY	605:55	,		DESC	RIPTION																	
1 0	GRIDDLE EF	1		PACKAGE - MA	NUAL OR 0-	-10∨DC	REFERENC	E SPEED	CONTRO	L -RTC-	KTELCO													
, in the second	_ .	1		RTS WARRANTY																				
2	HEAT DOWN	1 1 1	MANIFOLD PI	SURE GAUGE, 0- RESSURE GAUGE INTAKE DAMPER	, -5 TO 15'	″ WC																		
	HEIII BEWIN	1	ECM WIRING - PCB CONT FREEZESTAT		SUPPLY -	MANUA	L REFEREN	ICE SPEE	D CONTR	ROL (TELCI		₹)												
3 60" DE	EEP BREAD OVE	-N ⊢	I 12-BDD DA	AMPER RTS WARRANTY																				
FAN ACCES	SSORIES																							
FAN UNIT	TAG		EXHAUST		SUPF	PLY																		
ND		GREA: CUP	SE GRAVITY DAMPER	WALL SIDE MOUNT DISCHARG	GRAVITY E DAMPER	MOTOR DAME	RIZED WAL PER MOUN	L JT																
	GRIDDLE EF	YES				VE																		
	HEAT DOWN EEP BREAD OVE	ΞN	YES			YE	.5																	
CURB ASS																								
NO FAN	TAG		WEIGHT			. = : :	V 45.55			SIZE														
1 # 1 2 # 2	GRIDDLE E HEAT DOW	N	38 LBS 50 LBS				X 19.500″L X 52.000″L							INGED.										
3 # 3 6	0" DEEP BREAD) UVEN	31 LBS	CUF	?B 17	7.500″W	X 17.500″L	X 26.00	00"H ALO	NG LENGTH	H, RIGH	Γ.												
										_										<i>JOB</i> Jers				ia, NE
													_							LOCATION	V Amaha.	NF 68	₹13 <u>8</u>	
								1 (((5))		BUI ACCOR NO. No.	DANCE	C	`#		<i>75</i> 7			<i> </i>		DATE 3			JOB #	5923



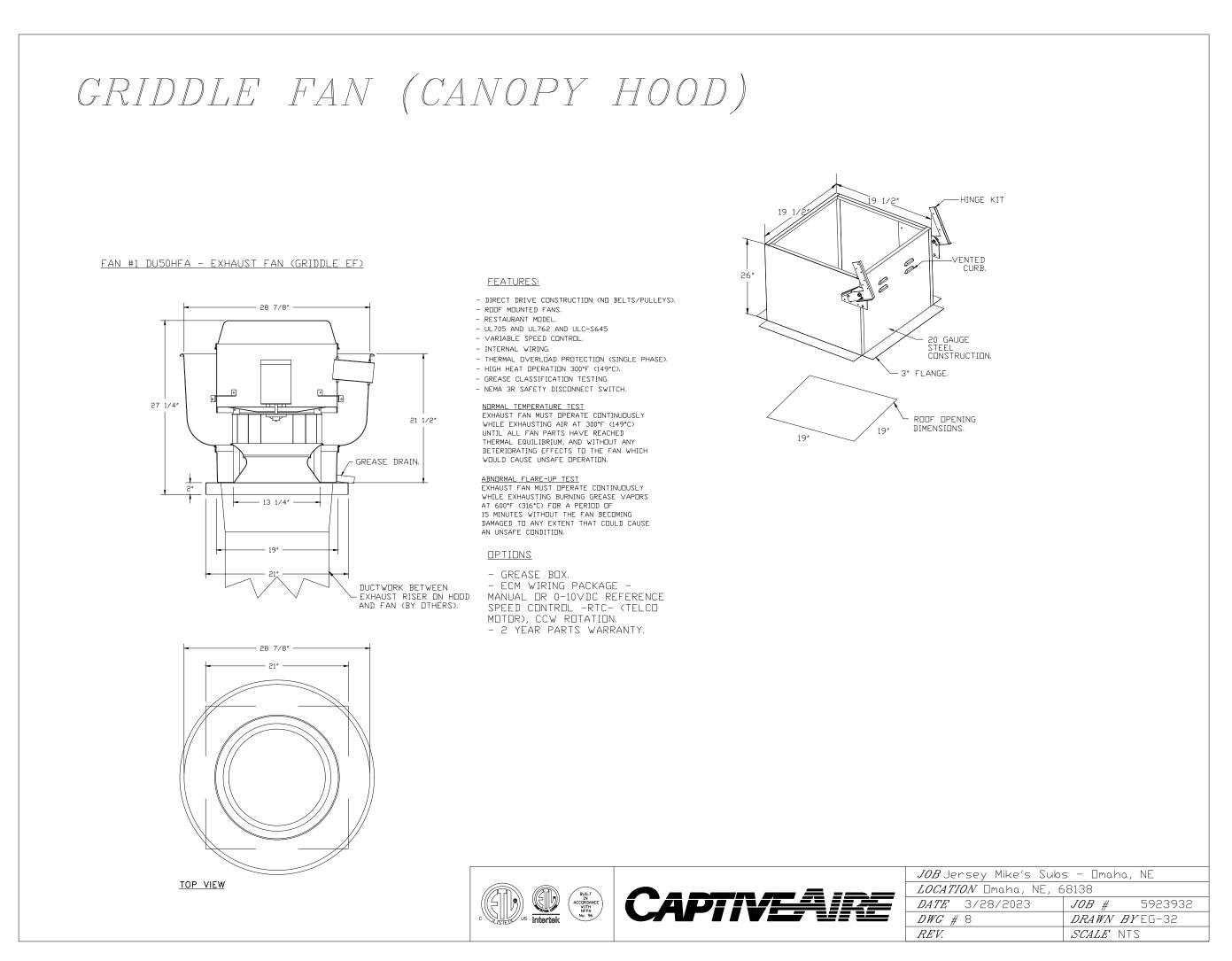
711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

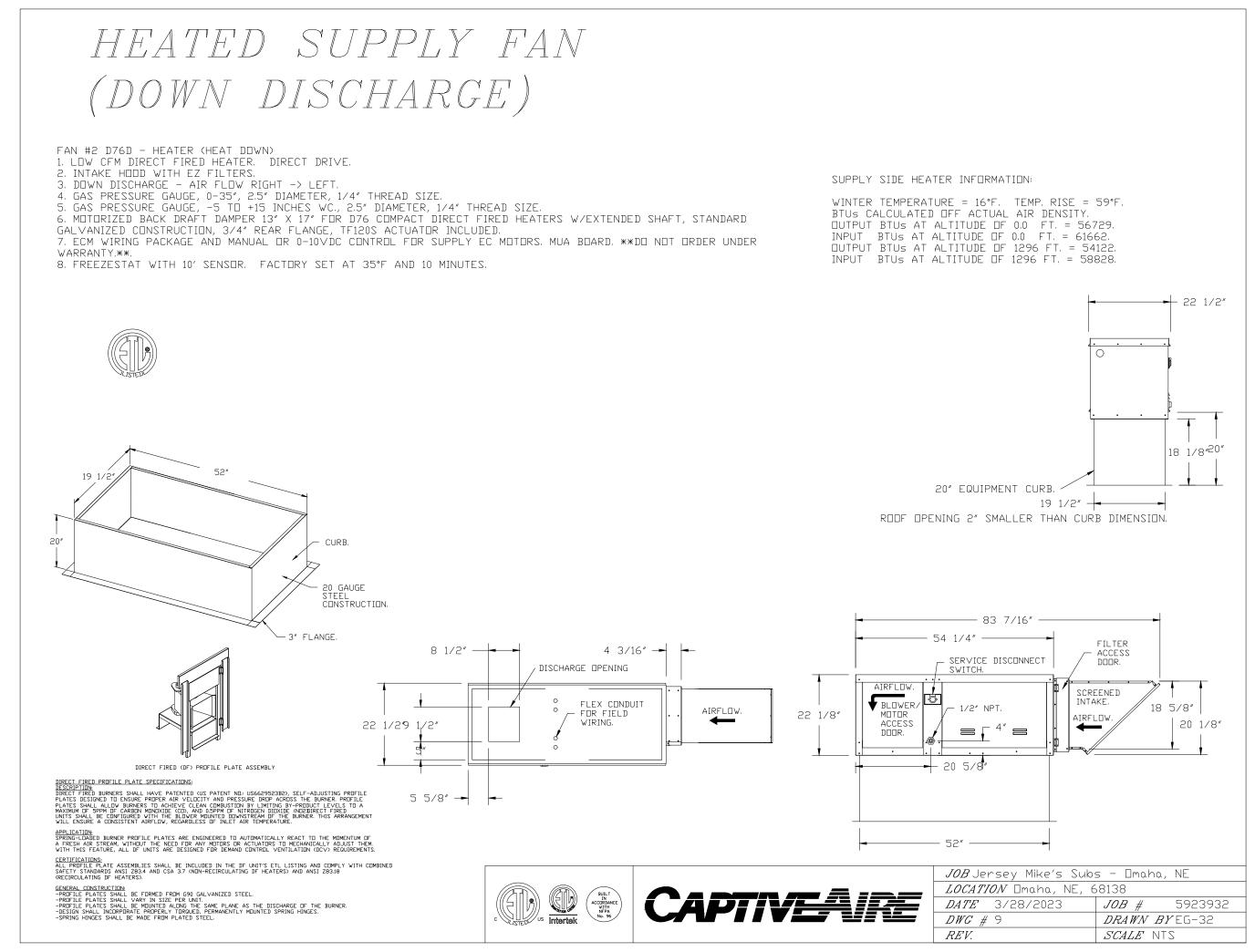
2434 Southport Parkway, Suite #103 La Vista, NE 68128

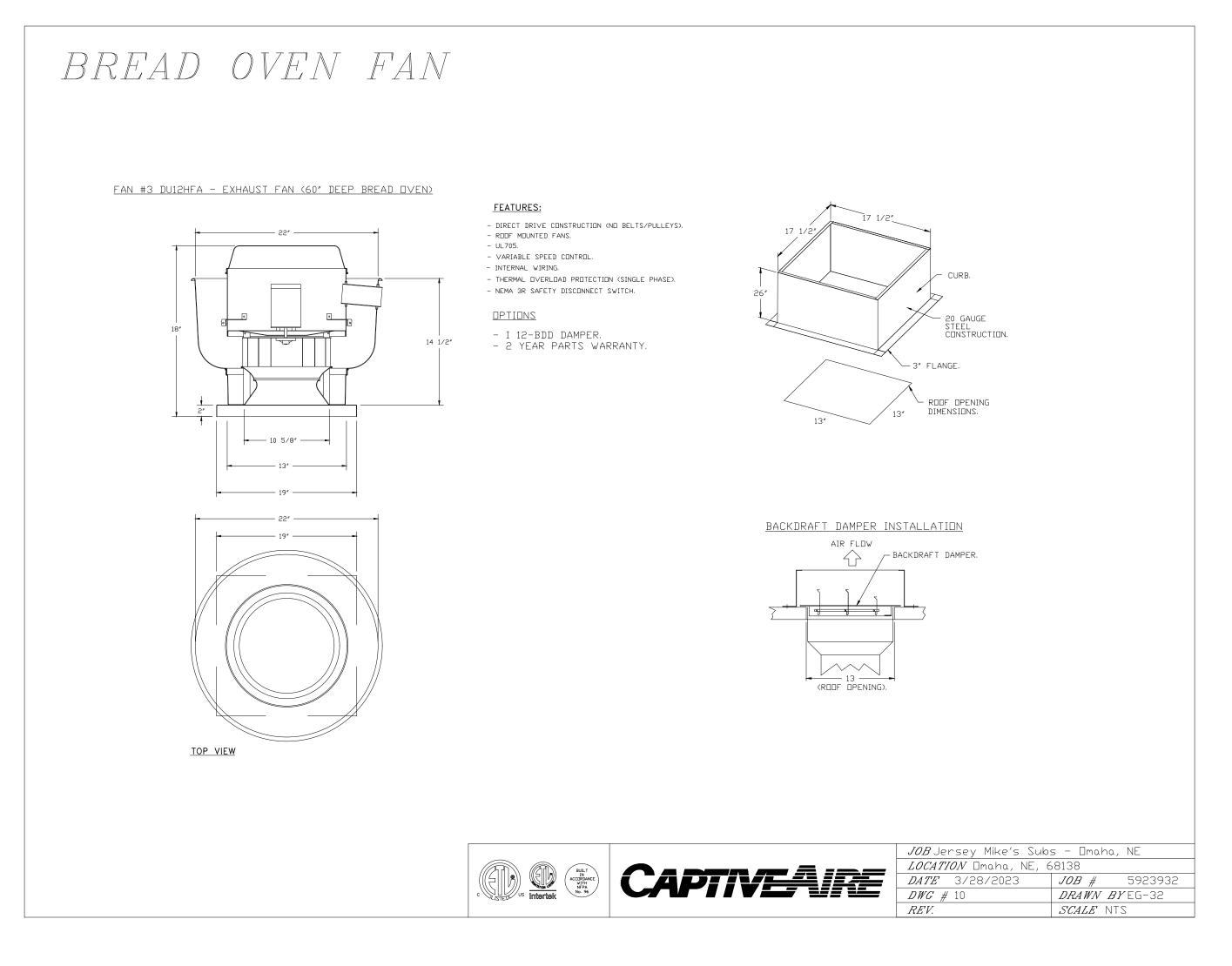
NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

MECHANICAL HOOD PACKAGE









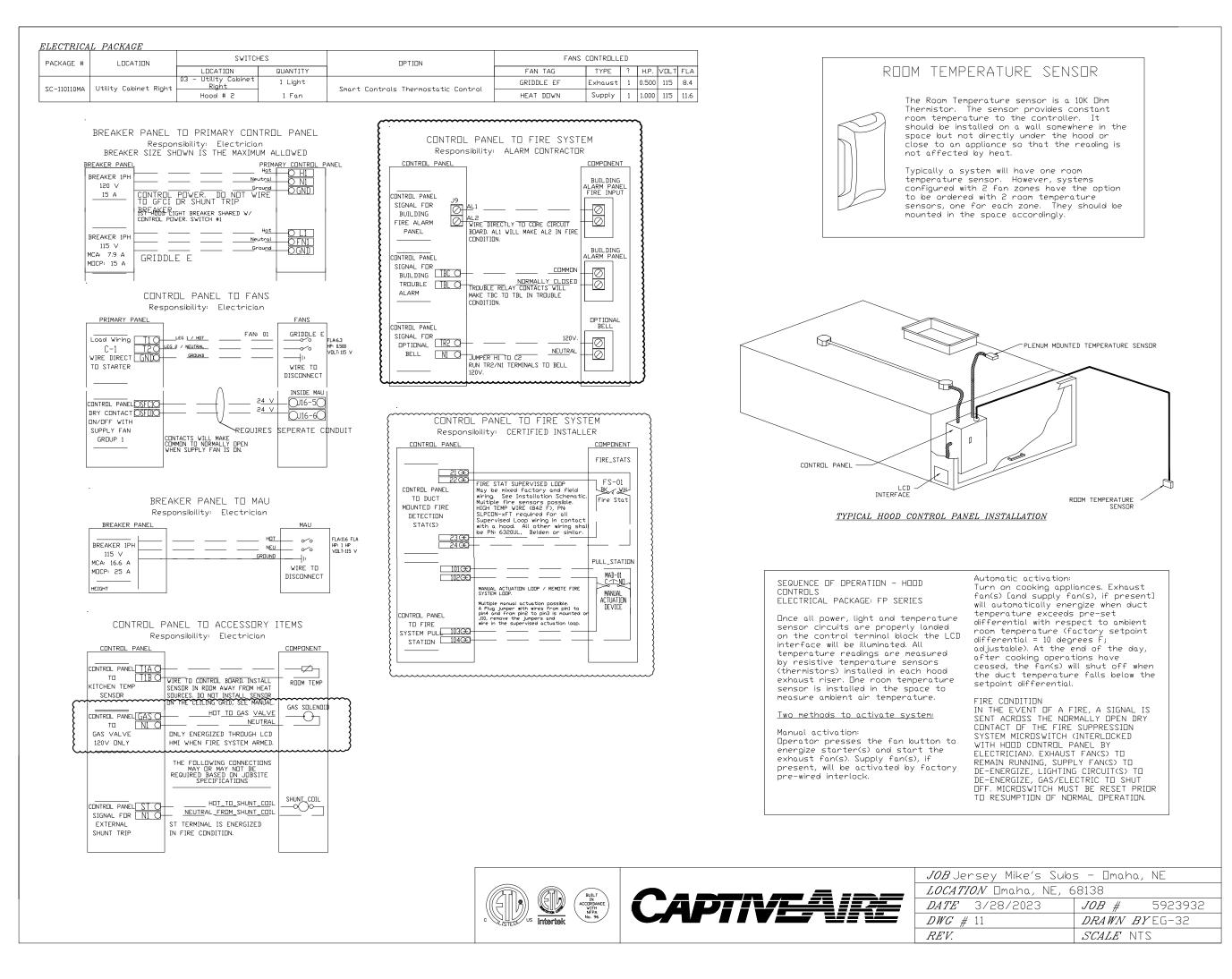
711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

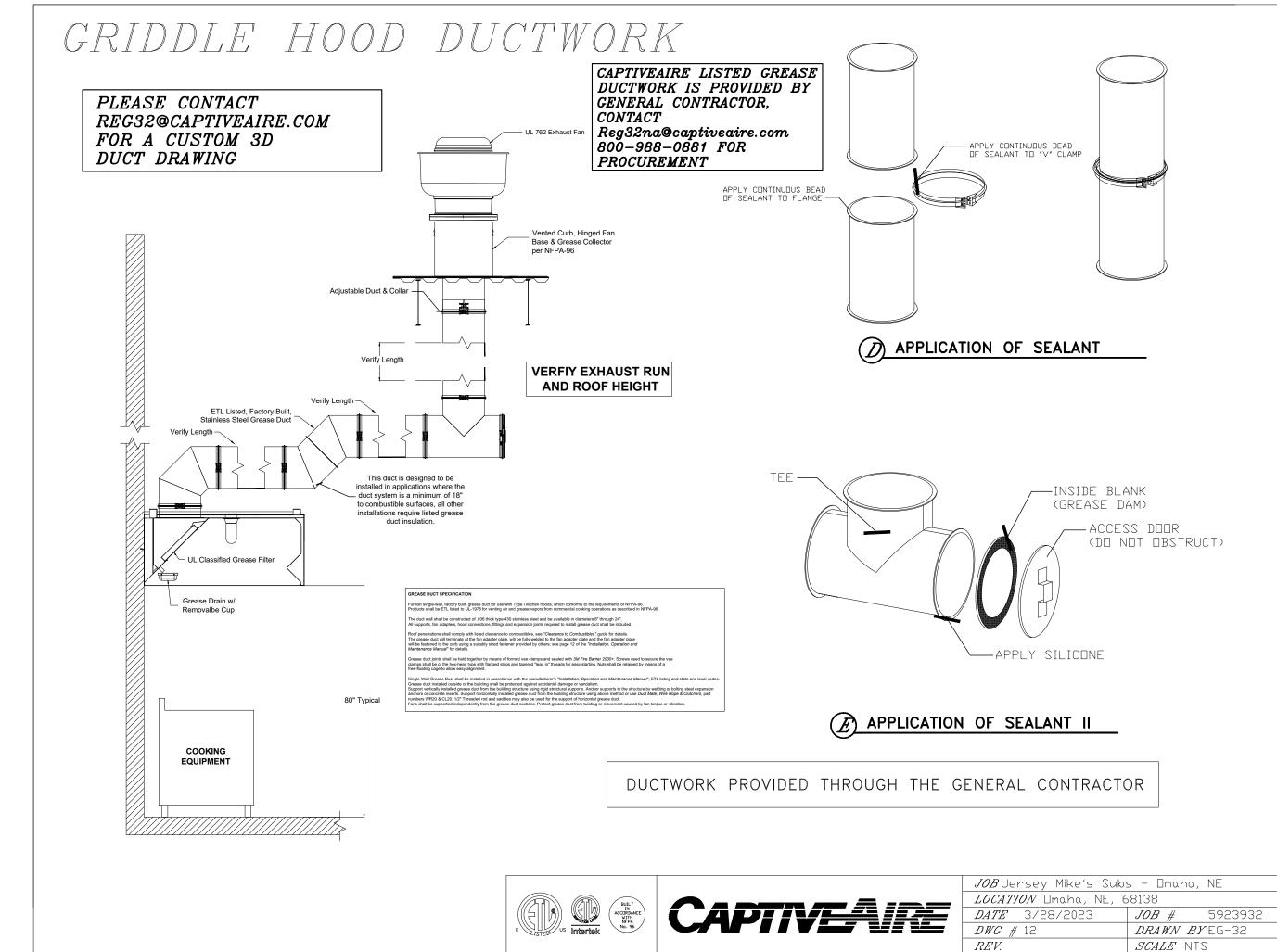
L2434 Southport Parkway, Suite #100 La Vista, NE 68128

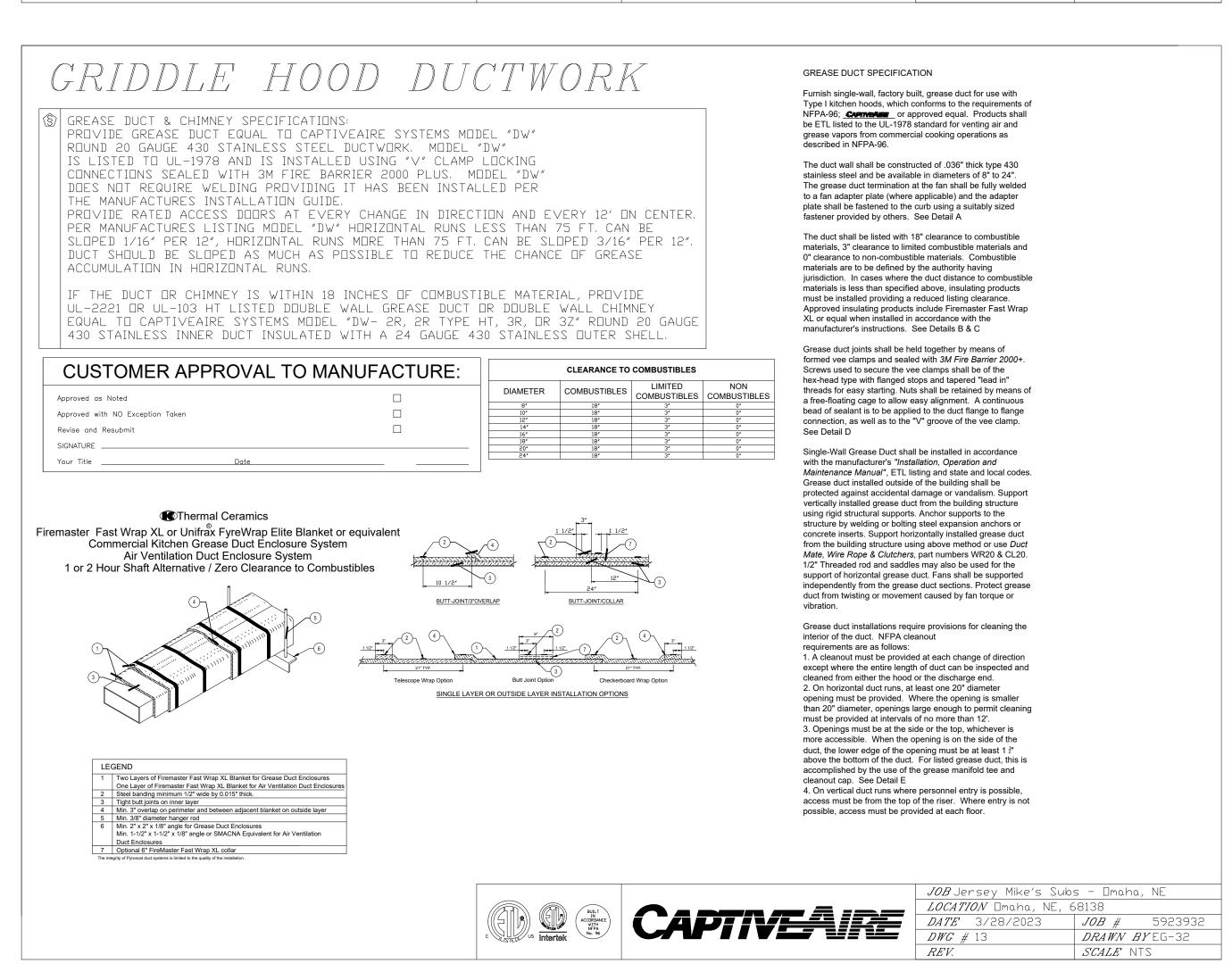
NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	

MECHANICAL HOOD PACKAGE









711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

JERSEY MIKE'S SUBS.

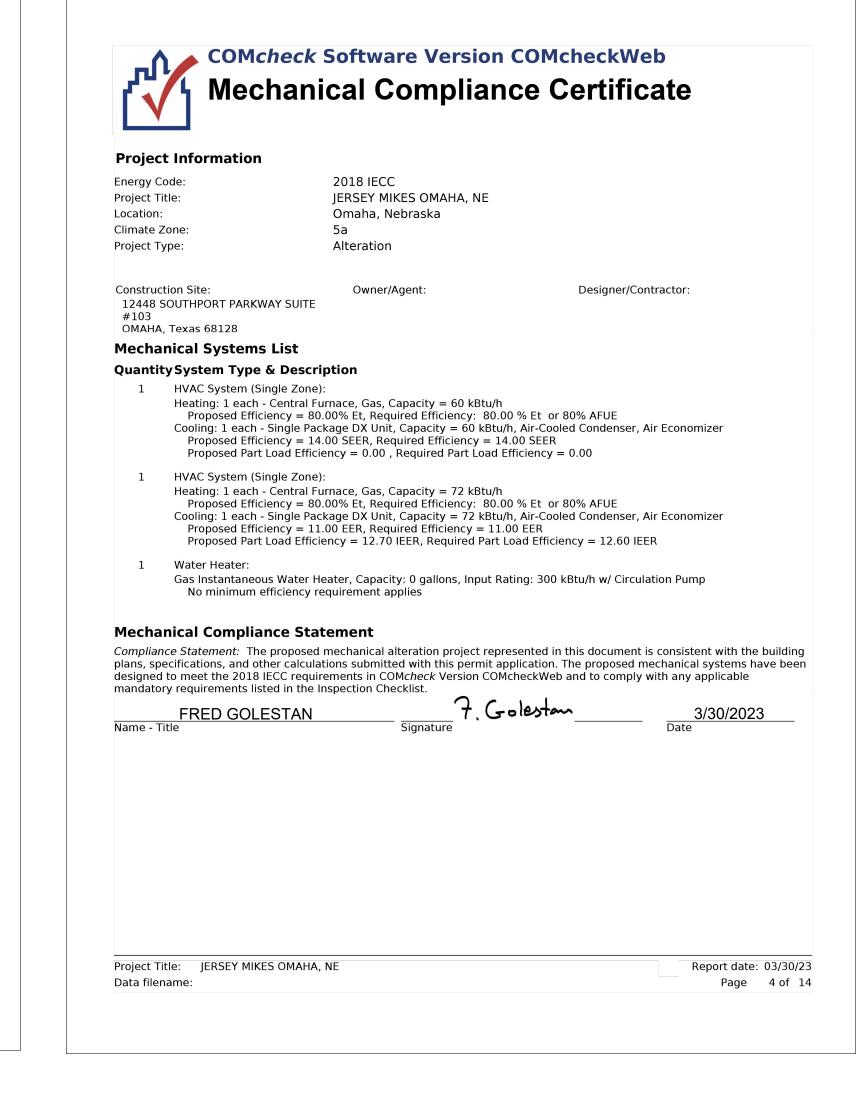
2434 Southport Parkway, Suite #103
La Vista, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	

MECHANICAL HOOD PACKAGE

Energy Code: Project Title: Project Type:		2018 IECC					
		JERSEY MIKES OMAHA, NE Alteration					
#103	ORT PARKWAY SUITE	Owner/Agent:		Designer/	Contractor:		
OMAHA, Texas 6	58128 Prior Lighting Po	wor					
Allowed lifte	A	wei		В	С		
	Area Cat	egory		r Area ft2)	Allowed Watts / f		AII W
1-Common Space	e Types:Dining Area - C	afeteria/Fast Food		1600	0.63		1
.				Total	Allowed Wa	atts =]
	terior Lighting P O : Description / La	ower A amp / Wattage Per Lamp	/ Ballast	B Lamps/		D Fixture	.
				Fixture	Fixture	Watt.	
Common Space LED: LED Panel		- Cafeteria/Fast Food (1600	sq.ft.)	2	11	19	
LED: LED Panel				2	12	19	
LED: LED A Lan	•	annut Bartelon de Joseph en de Alex		1	6	6	
		rrent limiting device capacity		0	0		
	wattage based on cu	rrent limiting device capacity		0	0	40 40	
Track Lighting:	-	rrent limiting device capacity rrent limiting device capacity		0	0	40 40	
Interior Lightin	Wattage based on cu	rrent limiting device capacity		0	0	40 40	=
Interior Lighting Interior Ligh Statement Compliance State building plans, sp systems have bee applicable manda	Wattage based on cu g PASSES ating Compliance ement: The proposed i pecifications, and other en designed to meet the atory requirements list	rrent limiting device capacity nterior lighting alteration proje calculations submitted with the 2018 IECC requirements in Ced in the Inspection Checklist.	is permit app OM <i>check</i> Ve	0 To ed in this doc lication. The rsion COMche	otal Propose ument is co- proposed ir eckWeb and	40 40 d Watts = nsistent v nterior ligi I to comp	wit iht
Interior Lighting Interior Ligh Statement Compliance State building plans, sp systems have bee applicable manda	Wattage based on cu g PASSES ating Compliance ement: The proposed i pecifications, and other en designed to meet the	rrent limiting device capacity nterior lighting alteration proje calculations submitted with the 2018 IECC requirements in Ced in the Inspection Checklist.	is permit app	0 To ed in this doc lication. The rsion COMche	otal Propose ument is co- proposed ir eckWeb and	40 40 d Watts =	wit ht
Interior Lighting Interior Ligh Statement Compliance State building plans, sp systems have bee applicable manda	Wattage based on cu g PASSES ating Compliance ement: The proposed i pecifications, and other en designed to meet the atory requirements list	nterior lighting alteration project calculations submitted with the 2018 IECC requirements in Ced in the Inspection Checklist.	is permit app OM <i>check</i> Ve	0 To ed in this doc lication. The rsion COMche	otal Propose ument is co- proposed ir eckWeb and	40 40 d Watts =	wit ht





711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

JERSEY MIKE'S SUBS 2434 Southport Parkway, Suite #103 La Vista, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	

COMCHECK

SHEET NUMBER

- 1. ALL SANITARY PIPING 2" OR LESS IN DIAMETER SHALL HAVE A MINIMUM 1/4" PER FOOT SLOPE. ALL SANITARY PIPING GREATER THAN 2" IN DIAMETER SHALL HAVE A MINIMUM 1/8" PER FOOT SLOPE UNLESS NOTED OTHERWISE.
- 2. ALL CONDENSATE PIPING SHALL HAVE A MINIMUM 1/8" PER FOOT SLOPE UNLESS NOTED OTHERWISE.
- 3. ALL GREASE WASTE PIPING SHALL HAVE A MINIMUM 1/4" PER FOOT SLOPE UNLESS NOTED OTHERWISE.
- 4. PROVIDE QUARTER TURN SHUTOFF VALVES ON ALL SUPPLY PIPING TO EQUIPMENT/FIXTURES.
- 5. ALL WATER SUPPLY PIPING SHALL BE INSULATED.
- 6. VERIFY EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF UTILITIES AND PIPING BEFORE COMMENCEMENT OF WORK, AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- COMMENCEMENT OF WORK, AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- OBTAIN EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES FROM ARCHITECTURAL DRAWINGS.
 CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH UTILITY COMPANIES FOR SERVICE AND CONNECTIONS AND SHALL PAY FOR ALL PERMITS, FEES, CHARGES AND METERS.
- 9. TERMINATE ALL VENT AND FLUE OUTLETS AT 10'-0" MINIMUM FROM ANY FRESH AIR INTAKES.
- 10. INSTALL ALL PLUMBING TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING. NO WATER OR DRAIN LINES PERMITTED OVER OR UNDER ELECTRICAL PANELS. INSURE THAT ALL WATER LINES INSIDE ARE ADEQUATELY SECURED.
- 11. PROVIDE FAUCETS UNLESS OTHERWISE NOTED, TRAPS, STOPS, GATE VALVES, GAS COCKS, WATER HAMMER ARRESTERS, WALL CLEANOUTS, COVERS, FLEX CONNECTIONS, SHUT OFF VALVES AND INDIRECT WASTE TO AN APPROVED RECEPTOR AND ALL NECESSARY TRIM FOR A COMPLETELY INSTALLED & CONNECTED PLUMBING SYSTEM
- 12. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL LOCAL AND FEDERAL CODES, RULES AND REGULATIONS GOVERNING THIS PROJECT.
- 13. UPON COMPLETION OF JOB, INSPECT ALL EXPOSED PORTIONS OF THE PLUMBING INSTALLATIONS AND COMPLETELY REMOVE ALL EXPOSED LABELS, SOIL, MARKINGS, AND FOREIGN MATERIAL EXCEPT PRODUCT LABELS AND THOSE REQUIRED BY LAW.
- 14. TERMINATE ALL INDIRECT WASTE LINES ABOVE FLOOR SINK WITH A TWO PIPE DIAMETER AIR GAP. ALL INDIRECT WASTE PIPING MUST BE HARD PIPED, COPPER DWV PIPING AND FITTINGS ONLY. NO P.V.C. ALLOWED.
- 15. PROVIDE FLEXIBLE GAS CONNECTIONS TO WATER HEATERS. PROVIDE RIGID GAS CONNECTIONS TO ALL OTHER EQUIPMENT AND APPLIANCES AND WHERE LOCAL JURISDICTION PROHIBITS THE USE OF FLEXIBLE CONNECTIONS
- 16. VERIFY ALL EQUIPMENT AND APPLIANCE CONNECTION SIZES PRIOR TO MAKING FINAL CONNECTION. REDUCE BRANCH PIPE SIZING JUST PRIOR TO CONNECTION TO UNIT.
- 17. PLUMBING CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR FLOOR SINKS AND FLOOR DRAINS. THE GOVERNING AUTHORITY HAVING JURISDICTION MAY REQUIRE THE FOLLOWING: FLOOR SINKS MAY BE REQUIRED TO BE INSTALLED WITH THE RIM RAISED ABOVE THE FINISHED FLOOR. FLOOR DRAINS MAY NEED TO BE RECESSED WITH THE FLOOR SLOPED TO THE DRAIN. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THIS INFORMATION AND INSTALLING THESE ITEMS AS REQUIRED BY CODE.
- 18. PROVIDE FIRE BOOTS AT FIRE WALL AND FLOOR PENETRATIONS WHEN REQUIRED BY CODE. FOR PVC PIPING AND OTHER MATERIALS THE FIRE INSPECTIONS DEPARTMENT MAY REQUIRE PROTECTION AROUND.
- 19. CONTRACTOR TO PROVIDE AND INSTALL CLAMPING RINGS AND COLLARS FOR ALL FLOOR DRAINS, FLOOR SINKS, FLOOR CLEANOUTS, AND ANY OTHER PLUMBING FLOOR PENETRATIONS. MAKE WATER TIGHT CONNECTIONS WITH WATER PROOFING MEMBRANE.
- 20. WHEN WORKING IN A REMODEL OR TENANT FINISH OUT IN AN EXISTING OCCUPIED BUILDING. THE CONTRACTOR IS TO OBSERVE THE FOLLOWING: REMOVE EXISTING WASTE PIPING NOT TO BE REUSED OR IN USE BY OTHER TENANTS. AVOID CONFLICTS BETWEEN NEW AND EXISTING PIPING SYSTEMS. TO ENSURE PROPER INSTALLATION OF NEW PIPING VERIFY FLOW LINE ELEVATION AND LOCATION OF EXISTING PIPING CONNECTION POINTS.
- 21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE A FLOW TEST PERFORMED TO DETERMINE WATER LINE PRESSURE PRIOR TO CONSTRUCTION. IF THE WATER PRESSURE IS BELOW REQUIREMENTS TO OPERATE PLUMBING SYSTEMS IMMEDIATELY NOTIFY THE ARCHITECT OF THE DISCREPANCIES.
- 22. THE INTENT OF THE DRAWINGS HEREIN IS TO REPRESENT A COMPLETE WORKING SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL COMPONENTS NECESSARY TO PROVIDE A COMPLETE WORKING SYSTEM WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS.
- 23. CONTRACTOR SHALL PROVIDE COMMISSIONING REQUIREMENTS PER LOCAL AUTHORITY HAVING JURISDICTION.
- 24. COORDINATE ALL SERVICE REQUIREMENTS WITH UTILITY COMPANIES AND INCLUDE ALL WORK REQUIRED IN BID.
- 25. UTILITIES INFORMATION ARE APPROXIMATELY SHOWN, CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND SITE CONDITIONS PRIOR TO BID/CONSTRUCTION.
- 26. PLUMBING CONTRACTOR SHALL PAY FOR ALL EXPENSES TO RELOCATE/REMOVE EXISTING UTILITIES BUT ARE
- NOT LIMITED TO WATER, SEWER, GAS, ETC. PER UTILITY COMPANIES' SPECIFICATIONS AND REQUIREMENTS.

 27. GENERAL CONTRACTORS SHALL NOTE THAT ALL WORK TO BE DONE SUCH AS EXCAVATIONS, TRENCHES, CAISSONS, WALLS, ETC. AS INDICATED ON DRAWINGS IS SHOWN WITHOUT KNOWLEDGE OF UNDERGROUND UTILITIES ON THIS PARTICULAR SITE. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR
- DETERMINING THEIR LOCATION, SIZE, DEPTH OR HAZARD

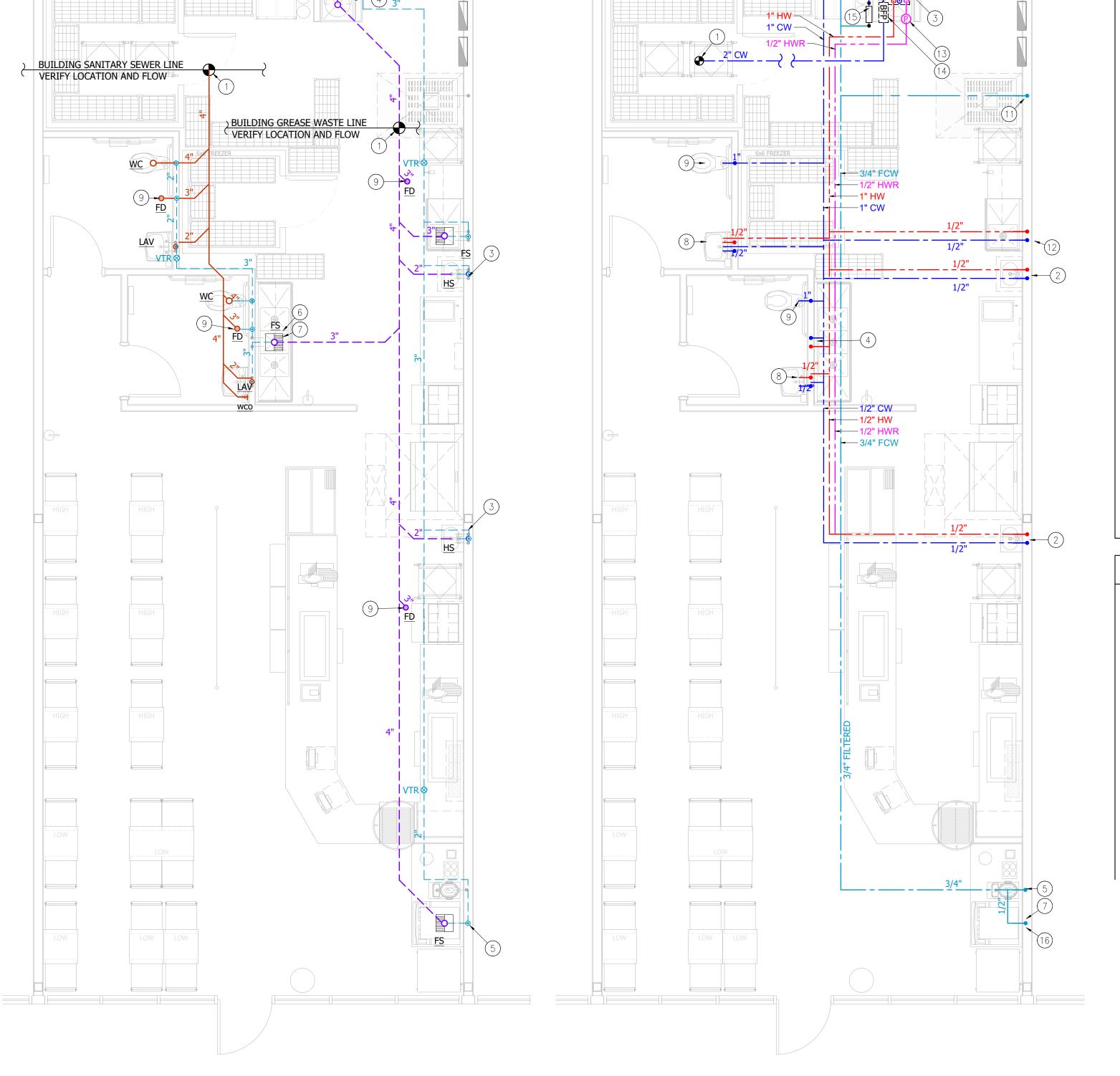
 28. GC IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
- 29. CONTRACTOR SHALL USE PEX PIPING ONLY IF APPROVED BY THE CITY.
- 30. PROVIDE SCHEDULE 40 PVC WASTE, DRAIN AND VENT
- 31. GC TO PROVIDE ALL PLUMBING FIXTURES UNLESS DIRECTED OTHERWISE
- 32. CONTRACTOR TO ROUTE RTU CONDENSATE LINES TO MOP SINK WITH FUNNEL DRAIN OR TO AN APPROVED SINK.

DILIMPTNIC ADDDEVITATIONIC	
PLUMBING ABBREVIATIONS	

RPZ	REDUCE PRESSURE ZONE	

- OFCI OWNER FURNISHED CONTRACTOR PROVIDED
- BFP BACK FLOW PREVENTOR
- WH WATER HEATER
- VTR VENT THRU ROOF
- PVC PLUMBING PIPING (POLYVINYL CHLORIDE)
- CW COLD WATER
 HW HOT WATER
- HWR HOT WATER RETURN
- DCV DOUBLE CHECK VALVE
- AFF ABOVE FINISH FLOOR
- PSI POUNDS PER SQUARE INCH
- HS HAND SINK
 MS MOP SINK
- PS PREP SINK
- 3CS 3-COMP SINK
 WC WATER CLOSET
- LAV LAVATORY

PLUMBING SYMBOL LEGEND							
SYMBOL	DESCRIPTION						
•	CONNECT TO EXISTING						
•	WASTE VENT						
⊗	VTR - VENT THRU ROOF						
	DOMESTIC COLD WATER						
	DOMESTIC HOT WATER						
	DOMESTIC HOT WATER RETURN						
	FILTERED WATER						
	VENT						
	SANITARY WASTE LINE						
	GREASE WASTE LINE						
	DIRECTION OF FLOW						
NOTE: NOT ALL SYMBOLS MAY	BE USED ON THIS PROJECT.						





- 1. CONNECT NEW 1 1/2" CW TO EXISTING CW PIPING OF EQUAL OR GREATER SIZE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, SIZE, ELEVATION AND PRESSURE OF EXISTING CW PIPING PRIOR TO
- INSTALLATION. ROUTE TO SUB-WATER METER IN BUILDING FIRE ROOM.
 1/2" HW AND CW DOWN TO OFCI HAND SINK. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO
- 3. 1" HW AND CW DOWN TO WATER HEATER ABOVE MOP SINK. EXTEND 3/4" HW AND CW DOWN TO OFCI MOP SINK. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 4. 3/4" HW AND CW DOWN IN WALL AND TO OFCI 3 COMP SINK. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 5. 3/4" CW DOWN TO OFCI TEA BREWER. CONTRACTOR SHALL PROVIDE AND INSTALL DCV BFP (ASSE 1015) AND STRAINER PRIOR TO CONNECTION TO TEA BREWER OR VERIFY INTERNAL AIR GAP IN EQUIPMENT. IF BACKFLOW PREVENTER IS REQUIRED ROUTE DRAIN LINE TO FLOOR SINK AND TERMINATE WITH AIR GAP. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 3/4" CW TO BAG N BOX. CONTRACTOR SHALL PROVIDE AND INSTALL RPZ BFP (ASSE 1013) AND STRAINER PRIOR TO CONNECTION TO EQUIPMENT. ROUTE DRAIN LINE FROM BACKFLOW PREVENTER TO FLOOR SINK AND TERMINATE WITH CODE APPROVED AIR GAP. DRAIN LINE AND ALL PIPING DOWNSTREAM OF BACKFLOW PREVENTER SHALL BE PLASTIC. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 7. 1/2" CW DOWN TO OFCI ICE MACHINE. CONTRACTOR SHALL PROVIDE AND INSTALL RPZ BFP (ASSE 1013) PRIOR TO CONNECTION TO EQUIPMENT OR VERIFY INTERNAL AIR GAP IN EQUIPMENT. IF BACKFLOW PREVENTER IS REQUIRED ROUTE DRAIN LINE TO FLOOR SINK AND TERMINATE WITH CODE APPROVED AIR GAP. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 8. 1/2" HW AND CW DOWN TO LAVATORY.
- 9. 1" CW DOWN TO WATER CLOSET.
- 10. NOT USED.
- 11. FILTERED 3/4" WATER TO BAKE OVEN. RPZ "BACKFLOW PREVENTER" IS REQUIRED ROUTE DRAIN LINE TO AN APPROVED LOCATION AND TERMINATE WITH CODE APPROVED AIR GAP. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 12. 1/2" HW AND CW DOWN IN WALL AND TO OFCI 1 COMP SINK. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 13. RECIRCULATORY PUMP AND AQUASTAT. SEE SHEET P102 FOR SPEC.
 CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT
 CUT SHEETS PRIOR TO INSTALLATION. AQUASTAT MUST BE PROVIDED.
- 14. BACK FLOW ASSEMBLY. INSTALLED BETWEEN THE METER AND PRIOR TO FIRST POINT OF USE, SEE SHEET P103 FOR DETAIL.
- 15. FILTERS INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- 16. 1/2" CW DOWN TO SODA MACHINE. CONTRACTOR SHALL PROVIDE AND INSTALL STAINLESS STEEL RPZ PRIOR TO CONNECTION OF EQUIPMENT OR VERIFY INTERNAL AIR GAP IN EQUIPMENT. REQUIRED ROUTE DRAIN LINE TO FLOOR SINK AND TERMINATE WITH CODE APPROVED AIR GAP. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.

PLUMBING WASTE & VENT KEYNOTES

- L. CONNECT NEW 4" SANITARY WASTE AND GREASE WASTE PIPING TO EXISTING SANITARY PIPING AND GREASE WASTE PIPING OF EQUAL OR GREATER SIZE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, SIZE, ELEVATION AND DIRECTION OF FLOW OF EXISTING SANITARY PIPING PRIOR TO INSTALLATION.
- NOT USED
 2" SANITARY WASTE FOR HAND SINK. CONTRACTOR SHALL VERIFY ROUGH-IN
- REQUIREMENTS WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.

 4. 3" TRAP FOR MOP SINK. CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS
- WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.

 5. TERMINATE DRAIN LINE FROM ICE MACHINE ABOVE NEARBY FLOOR SINK WITH CODE APPROVED AIR GAP. INSULATE ALL DRAIN PIPING. VERIFY DRAIN SIZE WITH EQUIPMENT CUT SHEETS PRIOR TO INSTALLATION.
- 6. TERMINATE DRAIN LINE FROM SINK, ABOVE NEARBY FLOOR SINK, WITH CODE APPROVED AIR GAP.
- 7. MANIFOLD DRAIN LINES FROM 3 COMP SINK AND TERMINATE ABOVE NEARBY FLOOR SINK WITH CODE APPROVED AIR GAP.
- 8. VENTING REQUIRED FOR GREASE INTERCEPTOR. PER MANUFACTURERS
- RECOMMENDATIONS.

9. PROVIDE TRAP SEAL FOR FLOOR DRAINS. "TRAP-TITE" OR EQUAL.

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

L2434 Southport Parkway, Suite #10 La Vista, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions

PLUMBING PLANS & NOTES

SHEET NUMBER

D101





PLUM	1BING	FIXTURE SCHEDULI	 E							
MARK	QTY	SYMBOL	FIXTURE	SUPPLIER	MODEL #	FIXT	TURE CC	NNECTIC	NS	COMMENTS
MAKK	Q11	STINDOL	TIXTORE	JOI I LILIX	MODEL #	HW	CW	WASTE	VENT	COMMENTS
FD-1	4	⊘	FLOOR DRAIN (EMERGENCY)	ZURN	FD-2340-PV3			3"	2"	PVC FLOOR DRAIN. INSTALL TRAP SEAL.
FS-1	3		FLOOR SINK	ZURN	ZD2370-DS-PV			3"	2"	WITH ½" GRATE. INSTALL TRAP SEAL.
HD-1	-	Ø	HUB DRAIN	-	-			3"	2"	EXTEND RIM OF DRAIN 2" A.F.F. INSTALL TRAP SEAL
FCO	-		FLOOR CLEANOUT	ZURN	Z1400			4"		JOSAM 56000-22 FLOOR CLEAN OUT. LEVELEZE COATED CAST IRON BODY WITH ADJUSTABLE HOUSING, SATIN NIKALOY TOP AND INSIDE CAULK CONNECTION.
wco	1	<u>_</u>	WALL CLEANOUT	-	-			4"		PLUGGED T WITH CLEANOUT. CHROME COVER W SCREW.
TP	LOT		TRAP SEAL	TRAPTITE	TRAPTITE					
WHA-1	LOT	PP	WATER HAMMER ARRESTER	JR SMITH	SERIES 5020 HYDROTROL		1"			STAINLESS STEEL CONSTRUCTION. INSTALL AT EACH CONNECTION.
RPZ-2	3		DCVA BACKFLOW PREVENTER	WATTS	-		1/2"			ASSE 1013. INSTALL AT TEA BREWER, DRINK DISPENSER, & BREAD OVEN. THE MODEL IS SUBJECT TO LOCAL HEALTH DEPARTMENT APPROVAL. STAINLESS STEEL.
RPZ-3	1		RPZ BACKFLOW PREVENTER	WATTS	-		1/2"			ASSE 1013 INSTALL AT ICE MAKER. THE MODEL IS SUBJECT TO LOCAL HEALTH DEPARTMENT APPROVAL. STAINLESS STEEL.
RPZ-4	1		RPZ BACKFLOW PREVENTER	WATTS	SS009		1/2"			ASSE 1013 INSTALL AT BAG-N-BOX SYSTEM FOR CARBONATOR. THE MODEL IS SUBJECT TO LOCAL HEALTH DEPARTMENT APPROVAL. STAINLESS STEEL.
TMV-1	6		THERMOSTATIC MIXING VALVE	WATTS	-	1/2"	1/2"			PROVIDE TMV AT EACH LAV AND HAND SINK. ASSE 1070 APPROVED. SET TO 105°F.
WH-1	1		WATER HEATER	NORITZ	NCC-300 DV	1"	1"			REFERENCE WATER HEATER SCHEDULE FOR MORE DETAILS (THIS SHEET)
CP-1	1	P	CIRCULATION PUMP	BELL & GOSSETT	NBF-9U	1"	1"			REFERENCE RECIRCULATION PUMP SCHEDULE FOR MORE DETAILS (THIS SHEET) PROVIDE WITH AUTOMATIC TIME KIT
MS-1	1		MOP SINK	-	-	1"	1"	3"	2"	SERVICE BASIN AND FAUCET SHALL BE FURNISHED & INSTALLED BY GC, FAUCET SHALL BE FACTORY EQUIPPED WITH INTEGRAL VACUUM BREAKER.
S-1	2	(P)	HAND SINK	KITCHEN EQUIPMENT SUPPLIER	FS17D141005JM	1/2"	1/2"	1 1/2"	1 1/2"	HAND SINK W/ TWO 7-3/4" SIDE SPLASHES AND FAUCET SUPPLIED BY KITCHEN EQUIPMENT SUPPLIER AND INSTALLED BY GC.
S-2	1		1 COMP SNK	KITCHEN EQUIPMENT SUPPLIER	-	1/2"	1/2"	2"		SINK AND FAUCET SUPPLIED BY KITCHEN EQUIPMENT SUPPLIER. INDIRECT DRAIN TO FLOOR SINK.
S-3	1		3 COMP SINK	KITCHEN EQUIPMENT SUPPLIER	-	1/2"	1/2"	3"		SINK AND FAUCET SUPPLIED BY KITCHEN EQUIPMENT SUPPLIER. INDIRECT DRAIN TO FLOOR SINK.
WC-1	2		WATER CLOSET	AMERICAN STANDARD	3461.528 MADERA		1"	4"	2"	AMERICAN STANDARD 3461.528 "MADERA 16 1/2"H" ELONGATED, VITREOUS CHINA, FLUSH VALVE, 1.28 GPF & 2 BOLT CAPS. OLSONITE #95SS OPEN FRONT SEAT LESS COVER. J.R. SMITH 9230 BRONZE CLOSET RING ASSEMBLY. SLOAN ROYAL 111-1.28 FLUSH VALVE. GC TO ORDER FLUSH VALVE TO HAVE ACCESS FROM OPEN SIDE OF FIXTURE TO COMPLY WITH ADA.
L-1	2		LAVATORY	AMERICAN STANDARD	0355.012 "LUCERNE"	1/2"	1/2"	1 1/2"	1 1/2"	AMERICAN STANDARD NO. 0355.012 "LUCERNE", WALL HUNG VITREOUS CHINA, DRILLED FOR CONCEALED ARM CARRIER WITH FAUCET HOLES ON 4" CENTERS SET COMPLETE WITH SYMMONS NO. S-60-H-0FG METERING FAUCET, OFF-SET GRID STRAINER, BRASSCRAFT "COMMERCIAL" RIGID SUPPLIES, ANGLE STOPS, AND CHROME PLATED 17GA. L.A. PATTERN CAST BRASS P-TRAP WITH SECURED ESCUTCHEON. P-TRAP AND HOT WATER SUPPLY SHALL BE WRAPPED FOR HANDICAP PROTECTION. PROVIDE TMV SET TO 105°F FOR HOT WATER CONNECTION.
GT	-		GREASE INTERCEPTOR	-	-			4"	2"	LL PROVIDED 2,000 GALLON GREASE INTERCEPTOR
ICE	1		ICE MAKER				1/2"			INSTALL BFP
SODA	1		SODA DISPENSER				1/2"			INSTALL BFP
BNB	1		BAG-IN-BOX SYSTEM CABONATOR				1/2"			INSTALL BFP
TEA	1		TEA BREWER				1/2"			INSTALL BFP
OVEN	1		BREAD OVEN				1/2"			INSTALL BFP

GAS	GAS FIRED WATER HEATER SCHEDULE												
MARK	TYPE	MANUFACTURER	MODEL NO.	FLOW RATE	TEMP. RISE	TEMP.	GAS INPUT	EFFICIENCY	FLUE SIZE (IN)	i	ELECTRICAL		REMARKS
IVIAIXIX	I I I I	MANOI ACTONEIX	WIODEL NO.	(GPM)	(°F)	SETPOINT (°F)	(BTU/H)	(%)	TEGE GIZE (IIV)	VOLTS	PHASE	HZ	NEWANNS
WH-1	TANKLESS	NORITZ	NCC-300 DV	8.3	70	140	300,000	97	4	120	1	60	SEE NOTES
NOTES: 1. INSTA	IOTES: INSTALL WATER HEATER PER MANUFACTURER'S INSTRUCTIONS COMPLETE WITH HEAT TRAPS, FITTINGS AND RISERS.												

2. PROVIDE VENTING PER MECHANICAL.

RECIRCULATION PUMP SCHEDULE									
MARK	TYPE	MANUFACTURER	MODEL NO.	CAPACITY (GPM)	ELECTRICAL VOLTAGE PHASE HZ		HZ	REMARKS	
				, ,	VOLTAGE	FIIAGE	112		
CP-1	HW CIRCULATION	BELL & GOSSETT	NBF-9U	2	120	1	60	PROVIDE WITH AQUASTAT AND AUTOMATIC TIME KIT	

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635–5696
FAX: (817) 635–5699

JERSEY MIKE'S SUBS.

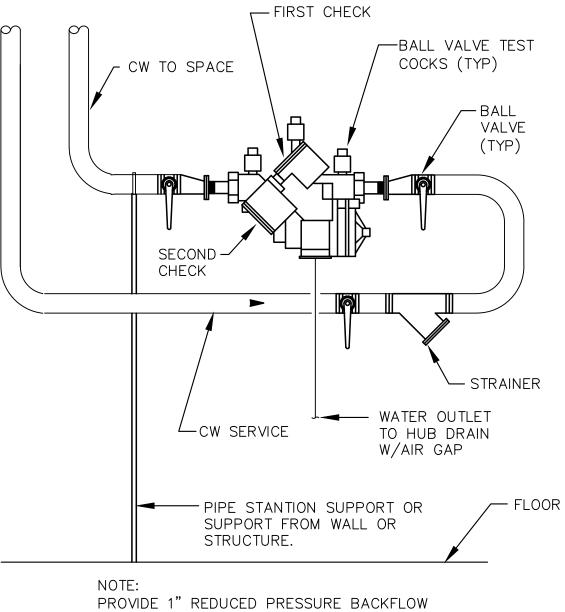
2434 Southport Parkway, Suite #103

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

Revisions	

PLUMBING SCHEDULE

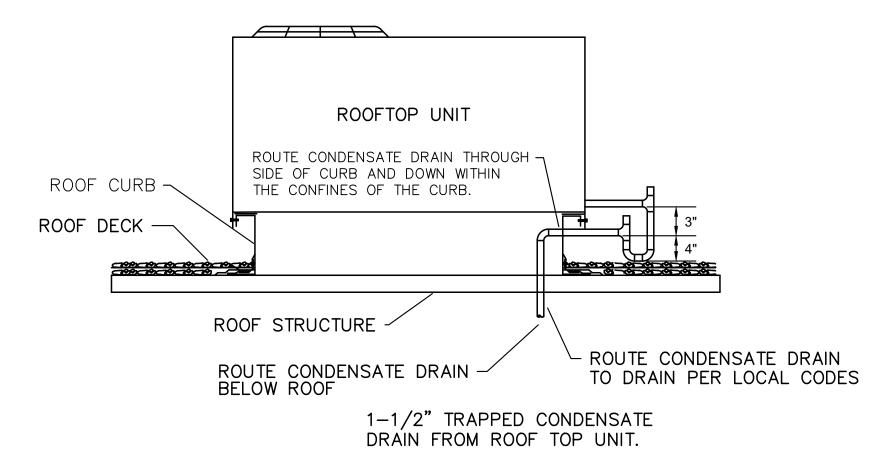
P107



PROVIDE 1" REDUCED PRESSURE BACKFLOW PREVENTER MOUNTED ON WALL WITH HIGHEST POINT ON THE DEVICE 60" AFF.

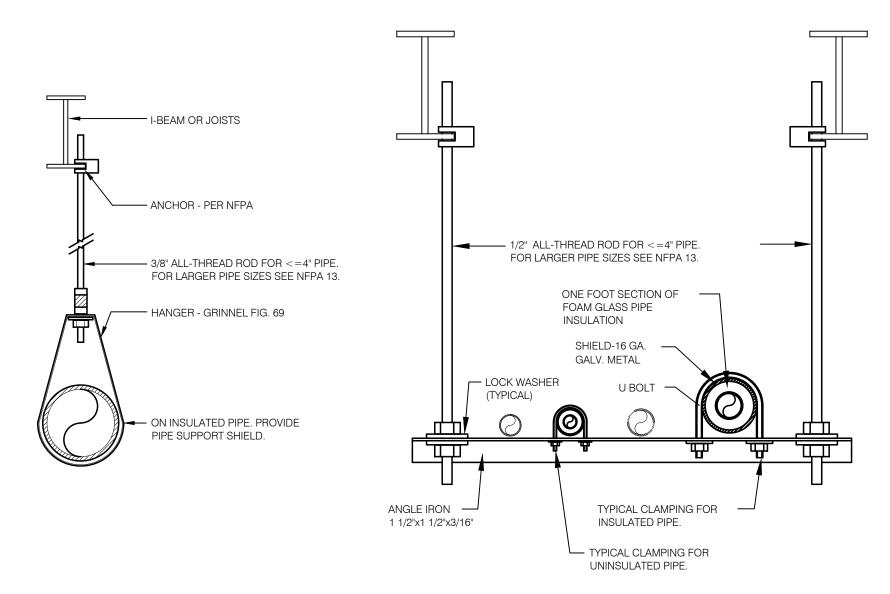
01 BACK FLOW PREVENTER

SCALE: N.T.S.



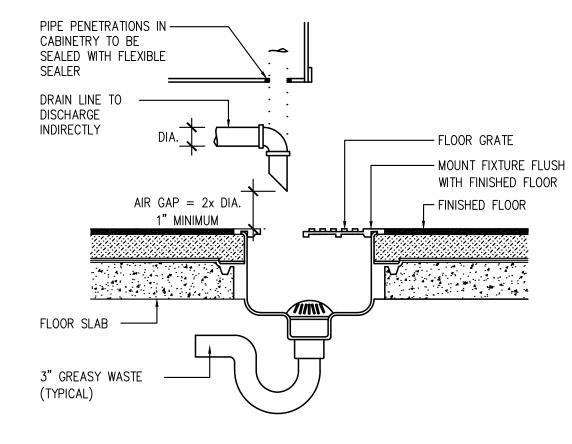
04 CONDENSATE DRAIN

SCALE: N.T.S



02 PIPE HANGER DETAIL

SCALE: N.T.S.



05 FLOOR SINK

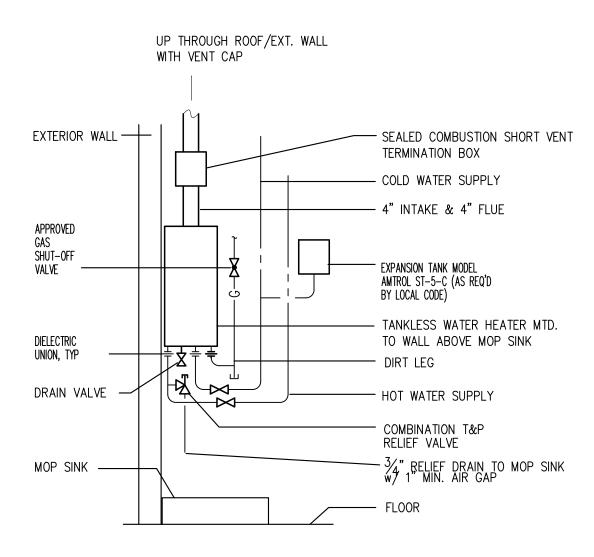
HAND SINK
C.W. SUPPLY
DRAIN

STOP VALVE

STOP VALVE

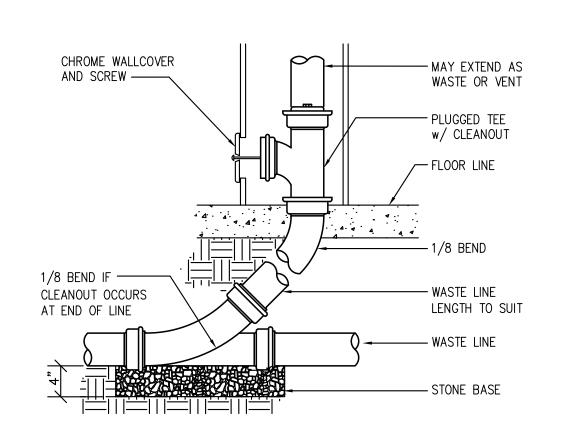
08 MIXING VALVE

FINISHED FLOOR



03 WATER HEATER DETAIL

SCALE: N.T.S.



06 WALL CLEANOUT

SCALE: N.T.S

PROVIDE ONE PIECE SPUN ALUMINUM BASE WITH, GRADULATED STEPPED PVC BOOT, AND ADJUSTABLE STAINLESS STEEL CLAMPS.

SET BASE IN BED OF MASTIC

ROOF INSULATION

ROOF DECK

PROVIDE SLEEVE IF REQUIRED BY TYPE

OF ROOF DECK

MINIMUM 12" BELOW ROOF

MINIMUM 12" BELOW ROOF

MINIMUM 12" BELOW ROOF

MINIMUM 12" BELOW ROOF

REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. PROVIDE 1" FIBERGLASS INSULATION WITH ALL—SERVICE JACKET ON VENT PIPE INSIDE BUILDING WITHIN SIX FEET OF VENT THRU ROOF LOCATION. VERIFY FLASHING AND CONTERFLASHING WITH ROOFING CONTRACTOR.

ANY PENETRATIONS IN THE ROOF HAVE TO BE COORDINATED WITH THE LANDLORD & LANDLORD'S ROOFER.

09 VENT THRU ROOF

SCALE: N.T.S.

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

12434 Southport Parkway, Suite #103

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

	—
Revisions	
1 (0 1 10 10 10	
	_
	_
	—
	_
	_
-	—

PLUMBING DETAILS

P103

KEYNOTES (X)

1. INSULATE ALL SUPPLY PIPING.

2. POINT OF CONNECTION TO EXISTING BUILDING WATER SUPPLY LINE. VERIFY SIZE, LOCATION.

2 CAC INCTANT WATER HEAT

3. GAS INSTANT WATER HEATER.4. THERMOSTATIC MIXING VALVE. SEE DETAIL SHEETS P103.

- 5. CW DOWN IN WALL WITH SHUT-OFF. PROVIDE STAINLESS STEEL RPZ BACKFLOW PREVENTER PER LOCAL CODES ON DRINK STATION, TEA DISPENSER AND ICE MACHINE.
- 6. POINT OF CONNECTION TO BUILDING SANITARY SEWER LINE. VERIFY SIZE, LOCATION & FLOW.
- 7. POINT OF CONNECTION TO BUILDING SANITARY GREASE LINE. VERIFY SIZE, LOCATION & FLOW.

RISER SYMBOL LEGEND						
SYMBOL	DESCRIPTION					
•	CONNECT TO EXISTING					
	DOMESTIC COLD WATER					
	DOMESTIC HOT WATER					
	DOMESTIC HOT WATER RETURN					
	FILTERED WATER					
	VENT					
	SANITARY WASTE LINE					
	GREASE WASTE LINE					
E: NOT ALL SYMBOLS MAY BE US	GREASE WASTE LIN					

DATE: 4/5/23

JOB NO: 23006

DRAWN: STAFF

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635–5696

FAX: (817) 635-5699

34 Southport Parkway, Suite #103 La Vista, NE 68128

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

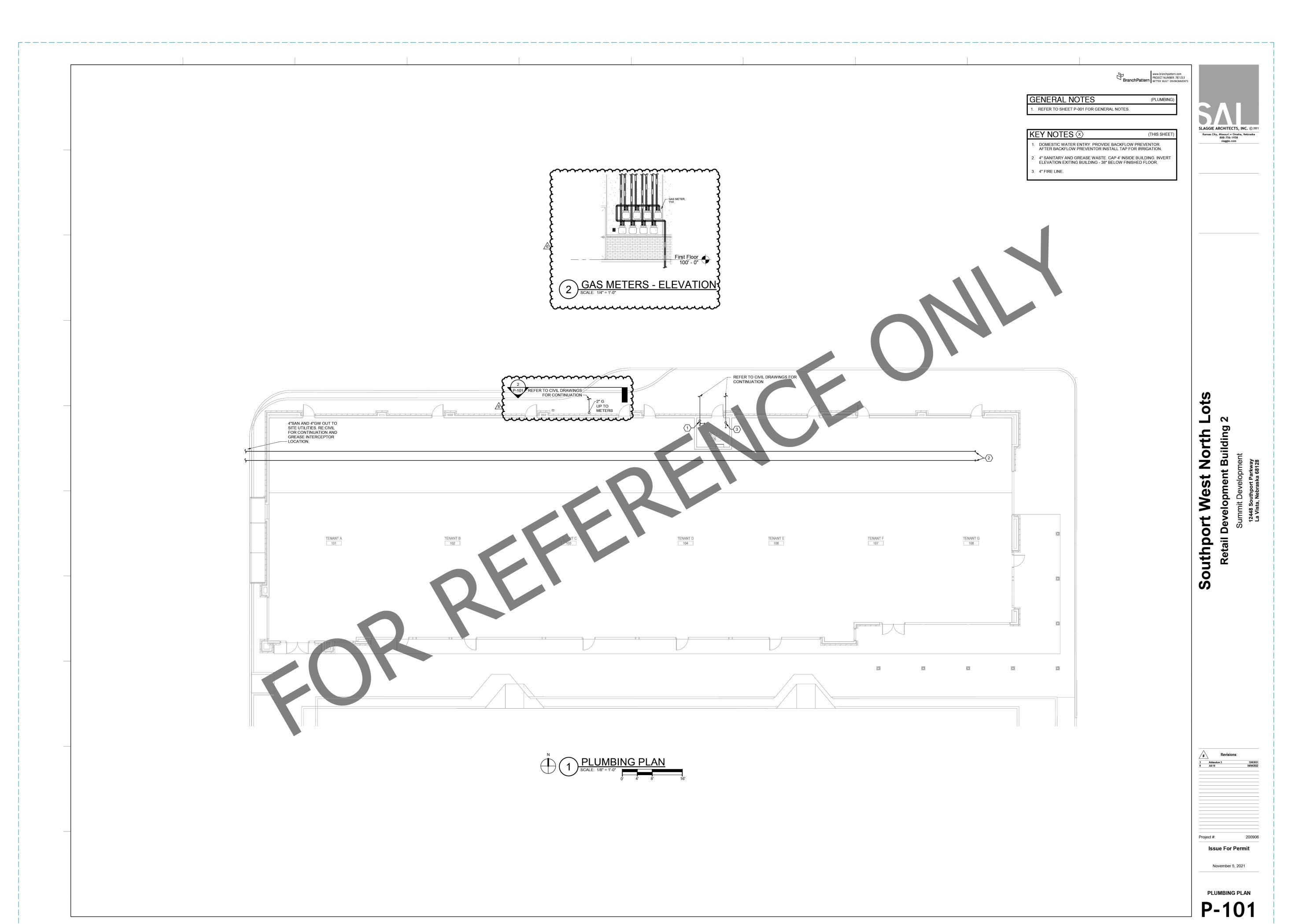
Revisions	-
	-
	_
	-
	-

PLUMBING RISER DIAGRAM

P104

01 PLUMBING SUPPLY RISER

NOTE: SEE M102 FOR GAS LINE RISER





711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION

evisions

SHELL BLDG. PLUMBING PLAN (FOR REF ONLY)

P105